

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
6N-66W-06 GOLDEN EAGLE 1-6 PAD
GOLDEN EAGLE 2N-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 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	15,101.99	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	40.86	33.28	5.394	CC
GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1	200.00	201.00	40.86	33.28	5.394	ES
GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1	15,101.99	15,301.68	468.54	216.57	1.860	SF
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	200.00	201.00	80.06	72.49	10.570	CC, ES
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	15,101.99	15,209.98	859.31	594.47	3.245	SF
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	200.00	201.00	59.96	52.38	7.916	CC
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	200.18	201.18	59.96	52.38	7.916	ES
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	15,101.99	15,226.72	650.07	386.25	2.464	SF
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	200.00	202.00	179.84	172.27	23.743	CC, ES
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	15,101.99	15,532.50	1,701.14	1,436.63	6.431	SF
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	200.00	202.00	199.93	192.35	26.395	CC, ES
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	15,101.99	15,267.30	1,752.09	1,486.74	6.603	SF
GOLDEN EAGLE 25N-1C-M - Wellbore #1 - Design #1	200.00	202.00	160.10	152.53	21.137	CC, ES
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	15,101.99	15,316.06	1,506.91	1,241.44	5.676	SF
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	254.74	254.74	20.06	12.45	2.634	CC, ES
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	15,101.99	15,259.25	298.49	74.52	1.333	Level 3, SF
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	254.74	254.74	40.17	32.55	5.274	CC
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	15,101.99	15,008.10	264.50	-74.33	0.781	Level 1, ES, SF
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	200.00	200.00	80.04	72.47	10.568	CC, ES
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	15,101.99	15,091.68	640.89	377.55	2.434	SF
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	254.74	254.74	59.91	52.30	7.866	CC, ES
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	15,101.99	15,158.73	434.66	175.10	1.675	SF
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.00	201.00	20.11	12.53	2.655	CC
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	15,101.99	15,018.63	249.83	8.73	1.036	Level 2, ES, SF
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	200.00	201.00	99.78	92.21	13.174	CC
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	300.00	301.00	99.82	92.15	13.025	ES
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	15,101.99	15,392.33	1,064.21	801.76	4.055	SF
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	200.00	202.00	119.89	112.31	15.828	CC
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	300.00	301.48	119.97	112.31	15.657	ES
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	15,101.99	15,109.89	1,109.97	846.52	4.213	SF
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	200.00	202.00	139.99	132.42	18.482	CC
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	200.00	202.00	139.99	132.42	18.482	ES

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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
6N-66W-06 GOLDEN EAGLE 1-6 PAD						
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	15,101.99	15,344.96	1,289.43	1,024.32	4.864	SF
6N-66W-06 Offsets						
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	8,344.03	7,149.01	98.60	57.59	2.404	CC, ES, SF
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	161.82	164.82	913.22	905.85	123.831	CC, ES
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,400.00	7,145.00	1,129.95	1,089.02	27.609	SF
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	200.00	183.00	2,330.72	2,320.88	236.899	CC
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	7,749.45	7,136.79	2,496.93	2,225.81	9.210	ES
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	7,800.00	7,136.37	2,497.44	2,226.03	9.202	SF
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	420.13	421.65	2,013.11	2,005.52	265.007	CC, ES
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	9,000.00	7,151.50	2,482.92	2,436.15	53.098	SF
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	8,010.13	7,419.00	375.65	320.47	6.807	CC
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	12,300.00	11,684.75	520.30	279.67	2.162	ES
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	12,400.00	11,718.00	531.55	283.20	2.140	SF
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	8,934.62	8,557.89	121.76	52.10	1.748	CC
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	12,300.00	11,927.61	188.51	-24.96	0.883	Level 1, ES, SF
HERGERT #1-6 - PDC PR Well - No Surveys						Out of range
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,154.23	7,272.26	173.14	73.39	1.736	CC, ES, SF
HKS 6-23 - Noble SI Well - No Surveys	11,992.87	7,140.81	1,246.56	914.30	3.752	CC
HKS 6-23 - Noble SI Well - No Surveys	12,000.00	7,140.75	1,246.58	914.21	3.751	ES
HKS 6-23 - Noble SI Well - No Surveys	12,100.00	7,139.92	1,251.16	917.55	3.750	SF
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,644.46	7,092.92	795.32	704.71	8.778	CC, ES
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,700.00	7,089.47	797.25	706.00	8.738	SF
HOUGHTON #1 - Amirmex P&A Well - No Surveys						Out of range
S B H 1 - Amirmex P&A Well - No Surveys	9,523.94	7,163.16	76.38	-217.42	0.260	Level 1, CC, ES, SF
Simonsen-Schaefer 7E-203 - PDC Energy PR Well - Act						Out of range
Simonsen-Schaefer 7E-423 - PDC Energy PR Well - Act						Out of range
Simonsen-Schaefer 7J-243 - PDC Energy PR Well - 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	9,466.00	7,153.55	1,119.97	1,061.66	19.206	CC, ES
WEBER 6-13 - Noble SI Well - Actual Coretech Surveys	9,700.00	7,153.28	1,144.16	1,083.29	18.797	SF
6N-67W-01 Offsets Incomplete						
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V						Out of range
Simonsen 1Q-241 - PDC PR Well - Actual Ensign Survey	15,101.99	11,524.27	566.86	439.11	4.437	CC, ES, SF
7N-66W-31 Offsets Incomplete						
Schneider X-31-36HN - PDC Planned Well - Planned En	15,101.99	14,889.77	962.29	570.15	2.454	CC, ES, SF

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Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	13,502.74	7,424.04	138.76	-6.80	0.953	Level 1, CC, ES, SF
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,174.85	7,403.54	538.36	392.27	3.685	CC, ES, SF
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	14,820.58	7,203.49	123.90	-24.20	0.837	Level 1, CC, ES, SF
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	14,848.57	7,592.68	1,191.75	1,037.68	7.735	CC, ES
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	14,900.00	7,592.61	1,192.86	1,038.32	7.719	SF
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,400.00	7,659.39	1,192.82	1,043.14	7.969	SF
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,492.49	7,655.77	1,189.23	1,040.57	8.000	CC, ES
ICE MAN 2W-15-7N - XOG Planned Well - Planned MW						Out of range
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,499.71	7,405.27	1,470.27	1,325.80	10.177	CC
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,500.00	7,405.27	1,470.27	1,325.80	10.177	ES
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,600.00	7,405.82	1,473.68	1,328.30	10.137	SF
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys	14,157.68	7,319.95	2,125.13	1,981.33	14.779	CC
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys	14,200.00	7,320.12	2,125.55	1,981.31	14.737	ES
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys	14,300.00	7,320.52	2,129.89	1,984.80	14.680	SF
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,155.17	7,193.53	888.72	746.82	6.263	CC, ES
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,200.00	7,194.06	889.85	747.21	6.239	SF

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Semi Major Axis Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	1.00	1.00	3.28	3.28	171.78	-40.44	5.84	40.86					
100.00	100.00	101.00	101.00	3.28	3.28	171.78	-40.44	5.84	40.86	33.33	7.53	5.427		
200.00	200.00	201.00	201.00	3.31	3.31	171.78	-40.44	5.84	40.86	33.28	7.57	5.394	CC	
200.00	200.00	201.00	201.00	3.31	3.31	171.78	-40.44	5.84	40.86	33.28	7.57	5.394	ES	
300.00	300.00	300.81	300.80	3.35	3.35	90.78	-40.49	6.29	40.98	33.32	7.66	5.349		
400.00	399.93	400.42	400.35	3.41	3.41	90.90	-40.93	9.76	41.96	34.18	7.78	5.391		
500.00	499.68	500.02	499.70	3.50	3.50	91.17	-41.80	16.66	43.91	35.96	7.95	5.521		
600.00	599.13	599.57	598.71	3.61	3.61	91.55	-43.09	26.97	46.82	38.65	8.17	5.728		
700.00	698.15	699.08	697.24	3.76	3.75	92.00	-44.81	40.69	50.70	42.24	8.46	5.994		
800.00	796.83	801.09	795.77	3.93	3.93	92.57	-46.81	56.66	55.21	46.40	8.81	6.264		
900.00	895.50	901.19	894.35	4.14	4.14	93.08	-48.82	72.67	59.74	50.52	9.22	6.480		
1,000.00	994.17	1,001.30	992.93	4.36	4.36	93.52	-50.83	88.69	64.27	54.60	9.67	6.647		
1,100.00	1,092.84	1,101.40	1,091.52	4.61	4.61	93.90	-52.84	104.71	68.80	58.64	10.16	6.774		
1,200.00	1,191.50	1,201.51	1,190.10	4.87	4.87	94.23	-54.85	120.73	73.34	62.66	10.68	6.868		
1,300.00	1,290.17	1,301.61	1,288.68	5.14	5.15	94.52	-56.86	136.75	77.87	66.65	11.23	6.936		
1,400.00	1,388.84	1,401.71	1,387.27	5.43	5.44	94.79	-58.87	152.76	82.41	70.61	11.80	6.985		
1,500.00	1,487.51	1,501.82	1,485.85	5.73	5.74	95.02	-60.88	168.78	86.96	74.56	12.39	7.018		
1,600.00	1,586.18	1,601.92	1,584.43	6.03	6.05	95.23	-62.89	184.80	91.50	78.50	13.00	7.038		
1,700.00	1,684.85	1,702.03	1,683.02	6.34	6.36	95.42	-64.90	200.82	96.04	82.42	13.62	7.049		
1,800.00	1,783.52	1,802.13	1,781.60	6.66	6.68	95.60	-66.91	216.84	100.59	86.33	14.26	7.055		
1,900.00	1,882.18	1,902.23	1,880.18	6.84	6.85	95.76	-68.92	232.85	105.13	90.91	14.22	7.393		
2,000.00	1,980.85	2,002.34	1,978.76	6.87	6.89	95.90	-70.92	248.87	109.68	95.38	14.30	7.672		
2,100.00	2,079.52	2,102.44	2,077.35	6.93	6.94	96.04	-72.93	264.89	114.23	99.82	14.40	7.931		
2,200.00	2,178.19	2,202.54	2,175.93	6.99	7.01	96.16	-74.94	280.91	118.77	104.23	14.54	8.169		
2,300.00	2,276.86	2,302.65	2,274.51	7.08	7.10	96.28	-76.95	296.93	123.32	108.62	14.71	8.386		
2,400.00	2,375.53	2,397.25	2,373.10	7.17	7.19	96.38	-78.96	312.94	127.87	112.97	14.90	8.585		
2,500.00	2,474.20	2,502.86	2,471.68	7.29	7.31	96.48	-80.97	328.96	132.42	117.29	15.12	8.755		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
2,600.00	2,572.86	2,602.96	2,570.26	7.41	7.43	96.58	-82.98	344.98	136.97	121.59	15.37	8.909	
2,700.00	2,671.53	2,703.06	2,668.85	7.55	7.57	96.66	-84.99	361.00	141.52	125.87	15.65	9.043	
2,800.00	2,770.20	2,803.17	2,767.43	7.70	7.72	96.74	-87.00	377.02	146.07	130.12	15.95	9.159	
2,900.00	2,868.87	2,903.27	2,866.01	7.86	7.89	96.82	-89.01	393.04	150.62	134.35	16.27	9.258	
3,000.00	2,967.54	3,003.37	2,964.60	8.03	8.06	96.89	-91.02	409.05	155.17	138.56	16.61	9.341	
3,100.00	3,066.21	3,103.48	3,063.18	8.21	8.24	96.96	-93.03	425.07	159.72	142.75	16.97	9.410	
3,200.00	3,164.88	3,203.58	3,161.76	8.40	8.44	97.02	-95.04	441.09	164.27	146.92	17.36	9.465	
3,300.00	3,263.54	3,303.69	3,260.35	8.60	8.64	97.08	-97.05	457.11	168.82	151.07	17.75	9.509	
3,400.00	3,362.21	3,403.79	3,358.93	8.81	8.85	97.14	-99.06	473.13	173.37	155.21	18.17	9.543	
3,500.00	3,460.88	3,503.89	3,457.51	9.02	9.06	97.20	-101.07	489.14	177.92	159.33	18.60	9.567	
3,600.00	3,559.55	3,604.00	3,556.10	9.24	9.29	97.25	-103.07	505.16	182.48	163.44	19.04	9.584	
3,700.00	3,658.22	3,704.10	3,654.68	9.47	9.52	97.30	-105.08	521.18	187.03	167.53	19.50	9.593	
3,800.00	3,756.89	3,804.20	3,753.26	9.70	9.76	97.34	-107.09	537.20	191.58	171.61	19.97	9.596	
3,900.00	3,855.56	3,904.31	3,851.84	9.94	10.00	97.39	-109.10	553.22	196.13	175.69	20.44	9.593	
4,000.00	3,954.22	4,004.41	3,950.43	10.19	10.25	97.43	-111.11	569.23	200.68	179.75	20.94	9.586	
4,100.00	4,052.89	4,104.52	4,049.01	10.44	10.50	97.47	-113.12	585.25	205.24	183.80	21.43	9.575	
4,200.00	4,151.56	4,204.62	4,147.59	10.69	10.76	97.51	-115.13	601.27	209.79	187.85	21.94	9.560	
4,300.00	4,250.23	4,304.72	4,246.18	10.95	11.02	97.55	-117.14	617.29	214.34	191.88	22.46	9.543	
4,400.00	4,348.90	4,404.83	4,344.76	11.21	11.28	97.59	-119.15	633.31	218.89	195.91	22.99	9.523	
4,500.00	4,447.57	4,504.93	4,443.34	11.48	11.55	97.62	-121.16	649.32	223.45	199.93	23.52	9.501	
4,600.00	4,546.24	4,605.03	4,541.93	11.75	11.82	97.65	-123.17	665.34	228.00	203.94	24.06	9.477	
4,700.00	4,644.90	4,705.14	4,640.51	12.02	12.10	97.68	-125.18	681.36	232.55	207.95	24.60	9.452	
4,800.00	4,743.57	4,805.24	4,739.09	12.30	12.38	97.72	-127.19	697.38	237.10	211.95	25.15	9.426	
4,900.00	4,842.24	4,905.35	4,837.68	12.58	12.66	97.74	-129.20	713.40	241.66	215.95	25.71	9.399	
5,000.00	4,940.91	5,005.45	4,936.26	12.86	12.94	97.77	-131.21	729.41	246.21	219.94	26.27	9.371	
5,100.00	5,039.58	5,105.55	5,034.84	13.14	13.23	97.80	-133.21	745.43	250.76	223.92	26.84	9.343	
5,200.00	5,138.25	5,205.66	5,133.43	13.43	13.52	97.83	-135.22	761.45	255.32	227.91	27.41	9.314	
5,300.00	5,236.92	5,305.76	5,232.01	13.71	13.81	97.85	-137.23	777.47	259.87	231.88	27.99	9.285	
5,400.00	5,335.58	5,405.86	5,330.59	14.00	14.10	97.88	-139.24	793.49	264.42	235.86	28.57	9.256	
5,500.00	5,434.25	5,505.97	5,429.18	14.30	14.40	97.90	-141.25	809.51	268.98	239.83	29.15	9.227	
5,600.00	5,532.92	5,606.07	5,527.76	14.59	14.69	97.92	-143.26	825.52	273.53	243.79	29.74	9.198	
5,700.00	5,631.59	5,706.18	5,626.34	14.88	14.99	97.94	-145.27	841.54	278.08	247.76	30.33	9.169	
5,800.00	5,730.26	5,806.28	5,724.93	15.18	15.29	97.97	-147.28	857.56	282.64	251.72	30.92	9.140	
5,900.00	5,828.93	5,893.62	5,823.51	15.48	15.55	97.99	-149.29	873.58	287.19	255.71	31.48	9.123	
6,000.00	5,927.60	6,006.49	5,922.09	15.78	15.90	98.01	-151.30	889.60	291.74	259.63	32.12	9.084	
6,100.00	6,026.27	6,106.59	6,020.67	16.08	16.20	98.03	-153.31	905.61	296.30	263.58	32.72	9.056	
6,200.00	6,124.93	6,206.70	6,119.26	16.38	16.50	98.05	-155.32	921.63	300.85	267.53	33.32	9.028	
6,300.00	6,223.60	6,306.80	6,217.84	16.68	16.81	98.06	-157.33	937.65	305.40	271.47	33.93	9.001	
6,400.00	6,322.27	6,406.90	6,316.42	16.99	17.12	98.08	-159.34	953.67	309.96	275.42	34.54	8.974	
6,500.00	6,420.94	6,507.01	6,415.01	17.29	17.43	98.53	-161.35	969.69	314.51	279.36	35.15	8.948	
6,600.00	6,520.52	6,592.42	6,513.13	17.48	17.69	-175.61	-163.35	985.63	319.32	283.75	35.57	8.978	
6,700.00	6,620.05	6,690.55	6,610.04	17.60	17.98	-104.93	-165.33	1,000.89	325.66	289.79	35.87	9.078	
6,800.00	6,717.09	6,794.09	6,713.36	17.66	18.16	-104.48	-167.54	1,005.12	334.36	298.39	35.98	9.294	
6,900.00	6,809.23	6,902.94	6,821.18	17.68	18.27	-106.69	-170.01	991.48	344.82	308.89	35.92	9.598	
7,000.00	6,894.22	7,017.59	6,930.48	17.66	18.31	-109.24	-172.68	957.49	356.29	320.56	35.73	9.972	
7,100.00	6,969.97	7,138.35	7,037.05	17.65	18.29	-111.59	-175.49	901.14	367.87	332.43	35.43	10.382	
7,200.00	7,034.59	7,265.14	7,135.38	17.67	18.27	-113.51	-178.33	821.48	378.58	343.43	35.15	10.770	
7,300.00	7,086.52	7,397.31	7,218.98	17.76	18.28	-114.86	-181.03	719.45	387.48	352.41	35.07	11.050	
7,400.00	7,124.46	7,533.58	7,281.25	17.95	18.40	-115.56	-183.43	598.56	393.76	358.39	35.37	11.133	
7,500.00	7,147.48	7,672.04	7,316.75	18.24	18.70	-115.55	-185.36	465.02	396.88	360.72	36.15	10.977	
7,600.00	7,155.01	7,800.06	7,323.80	18.62	19.14	-115.00	-186.62	337.38	397.00	359.77	37.23	10.663	
7,700.00	7,154.20	7,900.05	7,323.10	19.12	19.63	-114.95	-187.47	237.39	397.95	359.74	38.21	10.414	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
7,800.00	7,153.37	8,000.05	7,322.41	19.75	20.25	-114.91	-188.33	137.40	398.89	359.47	39.42	10.118		
7,900.00	7,152.55	8,100.04	7,321.71	20.50	21.00	-114.87	-189.18	37.41	399.84	359.00	40.85	9.789		
8,000.00	7,151.73	8,200.04	7,321.01	21.36	21.85	-114.82	-190.03	-62.58	400.79	358.33	42.46	9.440		
8,100.00	7,150.90	8,300.03	7,320.31	22.30	22.79	-114.78	-190.88	-162.57	401.74	357.50	44.23	9.082		
8,200.00	7,150.08	8,400.03	7,319.61	23.33	23.81	-114.74	-191.73	-262.55	402.68	356.52	46.16	8.723		
8,300.00	7,149.25	8,500.02	7,318.91	24.43	24.91	-114.70	-192.58	-362.54	403.63	355.41	48.22	8.371		
8,400.00	7,148.43	8,600.02	7,318.21	25.59	26.06	-114.65	-193.43	-462.53	404.58	354.18	50.39	8.028		
8,500.00	7,147.60	8,700.01	7,317.51	26.81	27.28	-114.61	-194.28	-562.52	405.53	352.86	52.67	7.700		
8,600.00	7,146.78	8,800.01	7,316.81	28.07	28.53	-114.57	-195.13	-662.51	406.47	351.44	55.03	7.386		
8,700.00	7,145.96	8,900.00	7,316.11	29.38	29.83	-114.53	-195.98	-762.50	407.42	349.95	57.47	7.089		
8,800.00	7,145.13	9,000.00	7,315.41	30.72	31.17	-114.49	-196.83	-862.49	408.37	348.39	59.98	6.808		
8,900.00	7,144.31	9,100.01	7,314.71	32.09	32.54	-114.45	-197.68	-962.48	409.32	346.77	62.55	6.544		
9,000.00	7,143.48	9,200.01	7,314.01	33.49	33.93	-114.40	-198.53	-1,062.47	410.27	345.10	65.17	6.295		
9,100.00	7,142.66	9,300.02	7,313.31	34.92	35.35	-114.36	-199.38	-1,162.46	411.22	343.37	67.84	6.061		
9,200.00	7,141.83	9,400.02	7,312.61	36.36	36.79	-114.32	-200.24	-1,262.44	412.17	341.61	70.56	5.842		
9,300.00	7,141.01	9,500.03	7,311.91	37.83	38.25	-114.28	-201.09	-1,362.43	413.12	339.81	73.31	5.636		
9,400.00	7,140.18	9,600.03	7,311.21	39.31	39.73	-114.24	-201.94	-1,462.42	414.07	337.98	76.09	5.442		
9,500.00	7,139.36	9,700.04	7,310.51	40.80	41.22	-114.20	-202.79	-1,562.41	415.02	336.12	78.90	5.260		
9,600.00	7,138.54	9,799.96	7,309.81	42.31	42.72	-114.16	-203.64	-1,662.40	415.97	334.23	81.74	5.089		
9,700.00	7,137.71	9,900.05	7,309.11	43.84	44.24	-114.12	-204.49	-1,762.39	416.92	332.31	84.61	4.928		
9,800.00	7,136.89	10,000.05	7,308.41	45.37	45.77	-114.08	-205.34	-1,862.38	417.87	330.38	87.49	4.776		
9,900.00	7,136.06	10,099.94	7,307.71	46.91	47.31	-114.04	-206.19	-1,962.37	418.82	328.43	90.40	4.633		
10,000.00	7,135.24	10,199.94	7,307.02	48.46	48.85	-114.00	-207.04	-2,062.36	419.77	326.45	93.32	4.498		
10,100.00	7,134.41	10,300.07	7,306.32	50.02	50.41	-113.96	-207.89	-2,162.35	420.73	324.46	96.27	4.370		
10,200.00	7,133.59	10,400.07	7,305.62	51.59	51.97	-113.93	-208.74	-2,262.33	421.68	322.45	99.22	4.250		
10,300.00	7,132.76	10,499.92	7,304.92	53.16	53.54	-113.89	-209.59	-2,362.32	422.63	320.44	102.19	4.136		
10,400.00	7,131.94	10,600.08	7,304.22	54.74	55.12	-113.85	-210.44	-2,462.31	423.58	318.40	105.18	4.027		
10,500.00	7,131.12	10,700.09	7,303.52	56.32	56.70	-113.81	-211.29	-2,562.30	424.53	316.36	108.17	3.925		
10,600.00	7,130.29	10,800.09	7,302.82	57.91	58.29	-113.77	-212.15	-2,662.29	425.49	314.30	111.18	3.827		
10,700.00	7,129.47	10,900.10	7,302.12	59.51	59.88	-113.73	-213.00	-2,762.28	426.44	312.24	114.20	3.734		
10,800.00	7,128.64	11,000.10	7,301.42	61.11	61.47	-113.70	-213.85	-2,862.27	427.39	310.16	117.23	3.646		
10,900.00	7,127.82	11,100.11	7,300.72	62.71	63.07	-113.66	-214.70	-2,962.26	428.34	308.08	120.26	3.562		
11,000.00	7,126.99	11,200.11	7,300.02	64.32	64.68	-113.62	-215.55	-3,062.25	429.30	305.99	123.31	3.482		
11,100.00	7,126.17	11,300.12	7,299.32	65.93	66.28	-113.58	-216.40	-3,162.24	430.25	303.89	126.36	3.405		
11,200.00	7,125.34	11,400.12	7,298.62	67.54	67.90	-113.55	-217.25	-3,262.22	431.20	301.78	129.42	3.332		
11,300.00	7,124.52	11,500.13	7,297.92	69.16	69.51	-113.51	-218.10	-3,362.21	432.16	299.67	132.49	3.262		
11,400.00	7,123.70	11,600.13	7,297.22	70.78	71.12	-113.47	-218.95	-3,462.20	433.11	297.55	135.56	3.195		
11,500.00	7,122.87	11,700.14	7,296.52	72.40	72.74	-113.43	-219.80	-3,562.19	434.07	295.43	138.64	3.131		
11,600.00	7,122.05	11,800.14	7,295.82	74.02	74.36	-113.40	-220.65	-3,662.18	435.02	293.30	141.72	3.069		
11,700.00	7,121.22	11,900.15	7,295.12	75.65	75.99	-113.36	-221.50	-3,762.17	435.97	291.16	144.81	3.011		
11,800.00	7,120.40	12,000.15	7,294.42	77.28	77.61	-113.33	-222.35	-3,862.16	436.93	289.02	147.91	2.954		
11,900.00	7,119.57	12,100.16	7,293.72	78.91	79.24	-113.29	-223.20	-3,962.15	437.88	286.87	151.01	2.900		
12,000.00	7,118.75	12,200.16	7,293.02	80.54	80.87	-113.25	-224.06	-4,062.14	438.84	284.72	154.12	2.847		
12,100.00	7,117.92	12,300.17	7,292.32	82.17	82.50	-113.22	-224.91	-4,162.13	439.79	282.57	157.23	2.797		
12,200.00	7,117.10	12,400.17	7,291.63	83.81	84.14	-113.18	-225.76	-4,262.11	440.75	280.41	160.34	2.749		
12,300.00	7,116.28	12,500.18	7,290.93	85.44	85.77	-113.15	-226.61	-4,362.10	441.70	278.25	163.46	2.702		
12,400.00	7,115.45	12,600.18	7,290.23	87.08	87.41	-113.11	-227.46	-4,462.09	442.66	276.08	166.58	2.657		
12,500.00	7,114.63	12,700.19	7,289.53	88.72	89.04	-113.08	-228.31	-4,562.08	443.62	273.91	169.71	2.614		
12,600.00	7,113.80	12,799.81	7,288.83	90.36	90.68	-113.04	-229.16	-4,662.07	444.57	271.74	172.83	2.572		
12,700.00	7,112.98	12,900.20	7,288.13	92.01	92.32	-113.01	-230.01	-4,762.06	445.53	269.56	175.97	2.532		
12,800.00	7,112.15	13,000.20	7,287.43	93.65	93.96	-112.97	-230.86	-4,862.05	446.48	267.38	179.10	2.493		
12,900.00	7,111.33	13,099.79	7,286.73	95.29	95.60	-112.94	-231.71	-4,962.04	447.44	265.20	182.24	2.455		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
13,000.00	7,110.50	13,200.21	7,286.03	96.94	97.25	-112.90	-232.56	-5,062.03	448.40	263.01	185.39	2.419				
13,100.00	7,109.68	13,300.22	7,285.33	98.59	98.90	-112.87	-233.41	-5,162.02	449.35	260.82	188.53	2.383				
13,200.00	7,108.86	13,400.22	7,284.63	100.23	100.54	-112.83	-234.26	-5,262.00	450.31	258.63	191.68	2.349				
13,300.00	7,108.03	13,499.77	7,283.93	101.88	102.18	-112.80	-235.11	-5,361.99	451.27	256.45	194.82	2.316				
13,400.00	7,107.21	13,600.23	7,283.23	103.53	103.83	-112.77	-235.97	-5,461.98	452.22	254.24	197.98	2.284				
13,500.00	7,106.38	13,700.24	7,282.53	105.18	105.48	-112.73	-236.82	-5,561.97	453.18	252.04	201.14	2.253				
13,600.00	7,105.56	13,799.76	7,281.83	106.83	107.12	-112.70	-237.67	-5,661.96	454.14	249.85	204.29	2.223				
13,700.00	7,104.73	13,900.25	7,281.13	108.49	108.78	-112.67	-238.52	-5,761.95	455.10	247.64	207.46	2.194				
13,800.00	7,103.91	14,000.25	7,280.43	110.14	110.43	-112.63	-239.37	-5,861.94	456.06	245.44	210.62	2.165				
13,900.00	7,103.09	14,099.74	7,279.73	111.79	112.08	-112.60	-240.22	-5,961.93	457.01	243.24	213.78	2.138				
14,000.00	7,102.26	14,200.26	7,279.03	113.44	113.74	-112.57	-241.07	-6,061.92	457.97	241.02	216.95	2.111				
14,100.00	7,101.44	14,300.27	7,278.33	115.10	115.39	-112.53	-241.92	-6,161.91	458.93	238.81	220.12	2.085				
14,200.00	7,100.61	14,400.27	7,277.63	116.75	117.04	-112.50	-242.77	-6,261.89	459.89	236.60	223.29	2.060				
14,300.00	7,099.79	14,500.28	7,276.93	118.41	118.70	-112.47	-243.62	-6,361.88	460.85	234.38	226.46	2.035				
14,400.00	7,098.96	14,600.28	7,276.24	120.07	120.35	-112.44	-244.47	-6,461.87	461.81	232.17	229.64	2.011				
14,500.00	7,098.14	14,700.29	7,275.54	121.72	122.00	-112.40	-245.32	-6,561.86	462.76	229.95	232.82	1.988				
14,600.00	7,097.31	14,800.29	7,274.84	123.38	123.66	-112.37	-246.17	-6,661.85	463.72	227.73	235.99	1.965				
14,700.00	7,096.49	14,900.30	7,274.14	125.04	125.32	-112.34	-247.02	-6,761.84	464.68	225.51	239.18	1.943				
14,800.00	7,095.67	15,000.30	7,273.44	126.70	126.97	-112.31	-247.88	-6,861.83	465.64	223.29	242.36	1.921				
14,900.00	7,094.84	15,099.70	7,272.74	128.35	128.62	-112.28	-248.73	-6,961.82	466.60	221.07	245.53	1.900				
15,000.00	7,094.02	15,210.47	7,272.04	130.01	130.46	-112.24	-249.58	-7,061.81	467.56	218.67	248.89	1.879				
15,100.00	7,093.19	15,299.69	7,271.34	131.67	131.93	-112.21	-250.43	-7,161.80	468.52	216.62	251.90	1.860				
15,101.99	7,093.18	15,301.68	7,271.32	131.71	131.97	-112.21	-250.44	-7,163.79	468.54	216.57	251.97	1.860 SF				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
0.00	0.00	1.00	1.00	3.28	3.28	175.22	-79.78	6.67	80.06					
100.00	100.00	101.00	101.00	3.28	3.28	175.22	-79.78	6.67	80.06	72.53	7.53	10.634		
200.00	200.00	201.00	201.00	3.31	3.31	175.22	-79.78	6.67	80.06	72.49	7.57	10.570		
200.00	200.00	201.00	201.00	3.31	3.31	175.22	-79.78	6.67	80.06	72.49	7.57	10.570	CC, ES	
300.00	300.00	300.31	300.31	3.35	3.35	94.25	-79.97	7.07	80.31	72.65	7.66	10.484		
400.00	399.93	398.94	398.87	3.41	3.41	94.51	-81.38	10.20	82.26	74.48	7.78	10.575		
500.00	499.68	497.48	497.17	3.50	3.49	95.02	-84.19	16.40	86.15	78.21	7.94	10.844		
600.00	599.13	595.88	595.04	3.61	3.60	95.71	-88.38	25.67	91.98	83.82	8.16	11.271		
700.00	698.15	694.07	692.30	3.76	3.74	96.50	-93.95	37.97	99.75	91.31	8.44	11.823		
800.00	796.83	792.04	788.81	3.93	3.91	96.87	-100.86	53.25	109.32	100.54	8.78	12.456		
900.00	895.50	891.50	886.50	4.14	4.13	96.50	-108.58	70.29	119.64	110.46	9.18	13.031		
1,000.00	994.17	1,009.04	984.19	4.36	4.42	96.19	-116.29	87.33	129.97	120.29	9.68	13.431		
1,100.00	1,092.84	1,109.57	1,081.88	4.61	4.69	95.93	-124.00	104.38	140.30	130.12	10.17	13.789		
1,200.00	1,191.50	1,189.89	1,179.56	4.87	4.93	95.70	-131.71	121.42	150.63	139.98	10.65	14.143		
1,300.00	1,290.17	1,289.35	1,277.25	5.14	5.23	95.50	-139.43	138.46	160.97	149.76	11.21	14.365		
1,400.00	1,388.84	1,388.82	1,374.94	5.43	5.55	95.33	-147.14	155.50	171.31	159.52	11.79	14.535		
1,500.00	1,487.51	1,488.28	1,472.63	5.73	5.88	95.17	-154.85	172.54	181.65	169.26	12.39	14.666		
1,600.00	1,586.18	1,587.74	1,570.32	6.03	6.22	95.04	-162.56	189.58	191.99	178.98	13.00	14.765		
1,700.00	1,684.85	1,687.21	1,668.00	6.34	6.56	94.91	-170.28	206.63	202.33	188.69	13.64	14.838		
1,800.00	1,783.52	1,786.67	1,765.69	6.66	6.92	94.80	-177.99	223.67	212.67	198.39	14.28	14.892		
1,900.00	1,882.18	1,886.13	1,863.38	6.84	7.13	94.70	-185.70	240.71	223.01	208.74	14.27	15.625		
2,000.00	1,980.85	1,985.59	1,961.07	6.87	7.20	94.61	-193.41	257.75	233.36	218.99	14.37	16.243		
2,100.00	2,079.52	2,085.06	2,058.76	6.93	7.26	94.52	-201.13	274.79	243.70	229.23	14.47	16.841		
2,200.00	2,178.19	2,184.52	2,156.45	6.99	7.33	94.45	-208.84	291.83	254.04	239.44	14.61	17.393		
2,300.00	2,276.86	2,283.98	2,254.13	7.08	7.42	94.37	-216.55	308.88	264.39	249.62	14.77	17.898		
2,400.00	2,375.53	2,383.45	2,351.82	7.17	7.53	94.31	-224.26	325.92	274.73	259.77	14.97	18.355		
2,500.00	2,474.20	2,482.91	2,449.51	7.29	7.65	94.25	-231.98	342.96	285.08	269.89	15.19	18.766		
2,600.00	2,572.86	2,582.37	2,547.20	7.41	7.79	94.19	-239.69	360.00	295.42	279.98	15.44	19.131		
2,700.00	2,671.53	2,681.84	2,644.89	7.55	7.94	94.14	-247.40	377.04	305.77	290.05	15.72	19.452		
2,800.00	2,770.20	2,781.30	2,742.57	7.70	8.10	94.09	-255.11	394.08	316.12	300.10	16.02	19.732		
2,900.00	2,868.87	2,880.76	2,840.26	7.86	8.28	94.04	-262.83	411.13	326.46	310.12	16.35	19.973		
3,000.00	2,967.54	2,980.22	2,937.95	8.03	8.47	94.00	-270.54	428.17	336.81	320.12	16.69	20.179		
3,100.00	3,066.21	3,079.69	3,035.64	8.21	8.66	93.96	-278.25	445.21	347.16	330.10	17.06	20.353		
3,200.00	3,164.88	3,179.15	3,133.33	8.40	8.87	93.92	-285.96	462.25	357.50	340.06	17.44	20.497		
3,300.00	3,263.54	3,278.61	3,231.01	8.60	9.09	93.88	-293.68	479.29	367.85	350.01	17.84	20.614		
3,400.00	3,362.21	3,378.08	3,328.70	8.81	9.31	93.85	-301.39	496.34	378.20	359.94	18.26	20.708		
3,500.00	3,460.88	3,477.54	3,426.39	9.02	9.55	93.81	-309.10	513.38	388.55	369.85	18.70	20.781		
3,600.00	3,559.55	3,577.00	3,524.08	9.24	9.79	93.78	-316.81	530.42	398.89	379.75	19.15	20.834		
3,700.00	3,658.22	3,676.47	3,621.77	9.47	10.04	93.75	-324.53	547.46	409.24	389.63	19.61	20.872		
3,800.00	3,756.89	3,775.93	3,719.46	9.70	10.29	93.72	-332.24	564.50	419.59	399.51	20.08	20.894		
3,900.00	3,855.56	3,875.39	3,817.14	9.94	10.55	93.70	-339.95	581.54	429.94	409.37	20.57	20.904		
4,000.00	3,954.22	3,974.85	3,914.83	10.19	10.82	93.67	-347.66	598.59	440.29	419.22	21.06	20.903		
4,100.00	4,052.89	4,074.32	4,012.52	10.44	11.09	93.65	-355.38	615.63	450.63	429.07	21.57	20.893		
4,200.00	4,151.56	4,173.78	4,110.21	10.69	11.36	93.63	-363.09	632.67	460.98	438.90	22.08	20.875		
4,300.00	4,250.23	4,273.24	4,207.90	10.95	11.64	93.60	-370.80	649.71	471.33	448.72	22.61	20.849		
4,400.00	4,348.90	4,372.71	4,305.58	11.21	11.93	93.58	-378.51	666.75	481.68	458.54	23.14	20.818		
4,500.00	4,447.57	4,472.17	4,403.27	11.48	12.21	93.56	-386.23	683.79	492.03	468.35	23.68	20.781		
4,600.00	4,546.24	4,571.63	4,500.96	11.75	12.51	93.54	-393.94	700.84	502.38	478.15	24.22	20.740		
4,700.00	4,644.90	4,671.09	4,598.65	12.02	12.80	93.52	-401.65	717.88	512.72	487.95	24.77	20.696		
4,800.00	4,743.57	4,770.56	4,696.34	12.30	13.10	93.51	-409.36	734.92	523.07	497.74	25.33	20.649		
4,900.00	4,842.24	4,870.02	4,794.03	12.58	13.40	93.49	-417.08	751.96	533.42	507.53	25.90	20.599		
5,000.00	4,940.91	4,969.48	4,891.71	12.86	13.70	93.47	-424.79	769.00	543.77	517.31	26.46	20.548		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
5,100.00	5,039.58	5,068.95	4,989.40	13.14	14.01	93.46	-432.50	786.04	554.12	527.08	27.04	20.495		
5,200.00	5,138.25	5,168.41	5,087.09	13.43	14.32	93.44	-440.21	803.09	564.47	536.85	27.62	20.440		
5,300.00	5,236.92	5,267.87	5,184.78	13.71	14.63	93.43	-447.93	820.13	574.82	546.62	28.20	20.385		
5,400.00	5,335.58	5,367.34	5,282.47	14.00	14.94	93.41	-455.64	837.17	585.17	556.38	28.78	20.329		
5,500.00	5,434.25	5,466.80	5,380.15	14.30	15.25	93.40	-463.35	854.21	595.51	566.14	29.37	20.273		
5,600.00	5,532.92	5,566.26	5,477.84	14.59	15.57	93.38	-471.06	871.25	605.86	575.90	29.97	20.217		
5,700.00	5,631.59	5,665.72	5,575.53	14.88	15.89	93.37	-478.78	888.29	616.21	585.65	30.56	20.161		
5,800.00	5,730.26	5,765.19	5,673.22	15.18	16.21	93.36	-486.49	905.34	626.56	595.40	31.17	20.105		
5,900.00	5,828.93	5,864.65	5,770.91	15.48	16.53	93.35	-494.20	922.38	636.91	605.14	31.77	20.049		
6,000.00	5,927.60	5,964.11	5,868.60	15.78	16.85	93.34	-501.91	939.42	647.26	614.89	32.37	19.993		
6,100.00	6,026.27	6,063.58	5,966.28	16.08	17.18	93.32	-509.63	956.46	657.61	624.63	32.98	19.938		
6,200.00	6,124.93	6,163.04	6,063.97	16.38	17.50	93.31	-517.34	973.50	667.96	634.36	33.59	19.883		
6,300.00	6,223.60	6,262.50	6,161.66	16.68	17.83	93.30	-525.05	990.55	678.31	644.10	34.21	19.829		
6,400.00	6,322.27	6,361.97	6,259.35	16.99	18.16	93.29	-532.77	1,007.59	688.66	653.83	34.82	19.776		
6,500.00	6,420.94	6,461.43	6,357.04	17.29	18.48	93.74	-540.48	1,024.63	699.01	663.57	35.44	19.724		
6,600.00	6,520.52	6,564.03	6,458.04	17.48	18.79	-178.93	-548.48	1,040.66	710.13	674.23	35.90	19.780		
6,700.00	6,620.05	6,672.75	6,566.24	17.60	18.96	-104.48	-557.38	1,042.46	721.81	685.62	36.19	19.945		
6,800.00	6,717.09	6,783.29	6,674.92	17.66	19.06	-99.55	-566.71	1,025.36	733.53	697.19	36.34	20.184		
6,900.00	6,809.23	6,895.45	6,780.45	17.68	19.09	-97.49	-576.17	989.01	744.95	708.56	36.38	20.475		
7,000.00	6,894.22	7,008.90	6,879.03	17.66	19.07	-96.08	-585.44	933.94	755.73	719.38	36.35	20.789		
7,100.00	6,969.97	7,123.25	6,966.92	17.65	19.02	-94.89	-594.20	861.57	765.58	729.26	36.32	21.078		
7,200.00	7,034.59	7,238.01	7,040.73	17.67	18.97	-93.78	-602.09	774.25	774.23	737.86	36.37	21.289		
7,300.00	7,086.52	7,352.67	7,097.66	17.76	18.96	-92.72	-608.84	675.13	781.48	744.90	36.57	21.367		
7,400.00	7,124.46	7,466.69	7,135.80	17.95	19.02	-91.69	-614.20	567.98	787.15	750.15	37.00	21.275		
7,500.00	7,147.48	7,579.56	7,154.21	18.24	19.20	-90.70	-618.02	456.83	791.16	753.51	37.65	21.013		
7,600.00	7,155.01	7,685.24	7,155.48	18.62	19.49	-89.96	-620.31	351.23	793.64	755.16	38.48	20.627		
7,700.00	7,154.20	7,785.22	7,154.47	19.12	19.94	-89.94	-622.29	251.27	795.76	756.25	39.51	20.142		
7,800.00	7,153.37	7,885.19	7,153.45	19.75	20.54	-89.92	-624.27	151.32	797.87	757.08	40.79	19.560		
7,900.00	7,152.55	7,985.17	7,152.44	20.50	21.28	-89.91	-626.25	51.37	799.99	757.69	42.31	18.910		
8,000.00	7,151.73	8,085.15	7,151.42	21.36	22.13	-89.90	-628.23	-48.58	802.11	758.08	44.02	18.220		
8,100.00	7,150.90	8,185.13	7,150.40	22.30	23.08	-89.88	-630.22	-148.54	804.23	758.30	45.92	17.512		
8,200.00	7,150.08	8,285.10	7,149.39	23.33	24.12	-89.87	-632.20	-248.49	806.34	758.36	47.99	16.803		
8,300.00	7,149.25	8,385.08	7,148.37	24.43	25.22	-89.86	-634.18	-348.44	808.46	758.27	50.19	16.108		
8,400.00	7,148.43	8,485.06	7,147.35	25.59	26.39	-89.84	-636.16	-448.39	810.58	758.06	52.52	15.435		
8,500.00	7,147.60	8,585.03	7,146.34	26.81	27.61	-89.83	-638.14	-548.35	812.70	757.75	54.95	14.790		
8,600.00	7,146.78	8,685.01	7,145.32	28.07	28.87	-89.82	-640.12	-648.30	814.81	757.34	57.47	14.177		
8,700.00	7,145.96	8,784.99	7,144.30	29.38	30.18	-89.80	-642.10	-748.25	816.93	756.85	60.08	13.598		
8,800.00	7,145.13	8,884.97	7,143.29	30.72	31.52	-89.79	-644.09	-848.20	819.05	756.29	62.76	13.051		
8,900.00	7,144.31	8,984.94	7,142.27	32.09	32.89	-89.78	-646.07	-948.16	821.17	755.67	65.50	12.538		
9,000.00	7,143.48	9,084.92	7,141.25	33.49	34.28	-89.77	-648.05	-1,048.11	823.28	754.99	68.29	12.056		
9,100.00	7,142.66	9,184.90	7,140.24	34.92	35.70	-89.75	-650.03	-1,148.06	825.40	754.27	71.13	11.604		
9,200.00	7,141.83	9,284.88	7,139.22	36.36	37.14	-89.74	-652.01	-1,248.01	827.52	753.50	74.02	11.180		
9,300.00	7,141.01	9,384.85	7,138.20	37.83	38.60	-89.73	-653.99	-1,347.97	829.64	752.70	76.94	10.783		
9,400.00	7,140.18	9,484.83	7,137.19	39.31	40.08	-89.71	-655.97	-1,447.92	831.75	751.86	79.90	10.410		
9,500.00	7,139.36	9,584.81	7,136.17	40.80	41.57	-89.70	-657.95	-1,547.87	833.87	750.99	82.88	10.061		
9,600.00	7,138.54	9,684.79	7,135.15	42.31	43.08	-89.69	-659.94	-1,647.82	835.99	750.09	85.90	9.733		
9,700.00	7,137.71	9,784.76	7,134.14	43.84	44.59	-89.68	-661.92	-1,747.78	838.11	749.18	88.93	9.424		
9,800.00	7,136.89	9,884.74	7,133.12	45.37	46.12	-89.67	-663.90	-1,847.73	840.23	748.23	91.99	9.134		
9,900.00	7,136.06	9,984.72	7,132.11	46.91	47.65	-89.65	-665.88	-1,947.68	842.34	747.27	95.07	8.860		
10,000.00	7,135.24	10,084.70	7,131.09	48.46	49.20	-89.64	-667.86	-2,047.64	844.46	746.30	98.17	8.602		
10,100.00	7,134.41	10,184.67	7,130.07	50.02	50.75	-89.63	-669.84	-2,147.59	846.58	745.30	101.28	8.359		
10,200.00	7,133.59	10,284.65	7,129.06	51.59	52.31	-89.62	-671.82	-2,247.54	848.70	744.29	104.40	8.129		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
10,300.00	7,132.76	10,384.63	7,128.04	53.16	53.88	-89.60	-673.81	-2,347.49	850.82	743.27	107.55	7.911		
10,400.00	7,131.94	10,484.61	7,127.02	54.74	55.45	-89.59	-675.79	-2,447.45	852.94	742.24	110.70	7.705		
10,500.00	7,131.12	10,584.58	7,126.01	56.32	57.03	-89.58	-677.77	-2,547.40	855.05	741.19	113.86	7.510		
10,600.00	7,130.29	10,684.56	7,124.99	57.91	58.62	-89.57	-679.75	-2,647.35	857.17	740.14	117.03	7.324		
10,700.00	7,129.47	10,784.54	7,123.97	59.51	60.20	-89.56	-681.73	-2,747.30	859.29	739.07	120.22	7.148		
10,800.00	7,128.64	10,884.52	7,122.96	61.11	61.80	-89.55	-683.71	-2,847.26	861.41	738.00	123.41	6.980		
10,900.00	7,127.82	10,984.49	7,121.94	62.71	63.39	-89.53	-685.69	-2,947.21	863.53	736.92	126.61	6.820		
11,000.00	7,126.99	11,084.47	7,120.92	64.32	64.99	-89.52	-687.68	-3,047.16	865.65	735.83	129.82	6.668		
11,100.00	7,126.17	11,184.45	7,119.91	65.93	66.60	-89.51	-689.66	-3,147.11	867.76	734.73	133.03	6.523		
11,200.00	7,125.34	11,284.42	7,118.89	67.54	68.21	-89.50	-691.64	-3,247.07	869.88	733.63	136.25	6.384		
11,300.00	7,124.52	11,384.40	7,117.87	69.16	69.82	-89.49	-693.62	-3,347.02	872.00	732.52	139.48	6.252		
11,400.00	7,123.70	11,484.38	7,116.86	70.78	71.43	-89.48	-695.60	-3,446.97	874.12	731.41	142.71	6.125		
11,500.00	7,122.87	11,584.36	7,115.84	72.40	73.05	-89.46	-697.58	-3,546.92	876.24	730.29	145.95	6.004		
11,600.00	7,122.05	11,684.33	7,114.83	74.02	74.67	-89.45	-699.56	-3,646.88	878.36	729.17	149.19	5.888		
11,700.00	7,121.22	11,808.05	7,113.57	75.65	76.67	-89.44	-700.24	-3,770.58	879.02	726.24	152.78	5.754		
11,800.00	7,120.40	11,908.05	7,112.55	77.28	78.30	-89.43	-699.52	-3,870.57	878.44	722.40	156.03	5.630		
11,900.00	7,119.57	12,008.05	7,111.53	78.91	79.93	-89.41	-698.80	-3,970.56	877.86	718.57	159.29	5.511		
12,000.00	7,118.75	12,108.05	7,110.51	80.54	81.56	-89.40	-698.09	-4,070.55	877.28	714.72	162.55	5.397		
12,100.00	7,117.92	12,208.04	7,109.50	82.17	83.19	-89.39	-697.37	-4,170.54	876.70	710.88	165.82	5.287		
12,200.00	7,117.10	12,308.04	7,108.48	83.81	84.82	-89.37	-696.65	-4,270.53	876.12	707.03	169.09	5.181		
12,300.00	7,116.28	12,408.04	7,107.46	85.44	86.46	-89.36	-695.94	-4,370.52	875.54	703.17	172.36	5.080		
12,400.00	7,115.45	12,508.04	7,106.44	87.08	88.09	-89.35	-695.22	-4,470.51	874.96	699.32	175.64	4.982		
12,500.00	7,114.63	12,608.04	7,105.42	88.72	89.73	-89.33	-694.50	-4,570.50	874.38	695.46	178.92	4.887		
12,600.00	7,113.80	12,708.04	7,104.41	90.36	91.37	-89.32	-693.78	-4,670.49	873.80	691.60	182.20	4.796		
12,700.00	7,112.98	12,808.03	7,103.39	92.01	93.01	-89.31	-693.07	-4,770.48	873.22	687.74	185.48	4.708		
12,800.00	7,112.15	12,908.03	7,102.37	93.65	94.65	-89.29	-692.35	-4,870.47	872.64	683.87	188.77	4.623		
12,900.00	7,111.33	13,008.03	7,101.35	95.29	96.29	-89.28	-691.63	-4,970.46	872.06	680.00	192.06	4.541		
13,000.00	7,110.50	13,108.03	7,100.33	96.94	97.94	-89.27	-690.92	-5,070.45	871.48	676.13	195.35	4.461		
13,100.00	7,109.68	13,208.03	7,099.32	98.59	99.58	-89.26	-690.20	-5,170.45	870.90	672.26	198.64	4.384		
13,200.00	7,108.86	13,308.02	7,098.30	100.23	101.23	-89.24	-689.48	-5,270.44	870.32	668.39	201.93	4.310		
13,300.00	7,108.03	13,408.02	7,097.28	101.88	102.88	-89.23	-688.77	-5,370.43	869.74	664.51	205.23	4.238		
13,400.00	7,107.21	13,508.02	7,096.26	103.53	104.52	-89.22	-688.05	-5,470.42	869.16	660.64	208.52	4.168		
13,500.00	7,106.38	13,608.02	7,095.25	105.18	106.17	-89.20	-687.33	-5,570.41	868.58	656.76	211.82	4.101		
13,600.00	7,105.56	13,708.02	7,094.23	106.83	107.82	-89.19	-686.61	-5,670.40	868.00	652.88	215.12	4.035		
13,700.00	7,104.73	13,808.01	7,093.21	108.49	109.47	-89.18	-685.90	-5,770.39	867.42	649.00	218.43	3.971		
13,800.00	7,103.91	13,908.01	7,092.19	110.14	111.12	-89.16	-685.18	-5,870.38	866.85	645.12	221.73	3.909		
13,900.00	7,103.09	14,008.01	7,091.17	111.79	112.77	-89.15	-684.46	-5,970.37	866.27	641.23	225.03	3.849		
14,000.00	7,102.26	14,108.01	7,090.16	113.44	114.43	-89.14	-683.75	-6,070.36	865.69	637.35	228.34	3.791		
14,100.00	7,101.44	14,208.01	7,089.14	115.10	116.08	-89.12	-683.03	-6,170.35	865.11	633.46	231.65	3.735		
14,200.00	7,100.61	14,308.01	7,088.12	116.75	117.73	-89.11	-682.31	-6,270.34	864.53	629.57	234.96	3.680		
14,300.00	7,099.79	14,408.00	7,087.10	118.41	119.39	-89.10	-681.59	-6,370.33	863.95	625.68	238.27	3.626		
14,400.00	7,098.96	14,508.00	7,086.09	120.07	121.04	-89.08	-680.88	-6,470.32	863.37	621.80	241.58	3.574		
14,500.00	7,098.14	14,608.00	7,085.07	121.72	122.70	-89.07	-680.16	-6,570.31	862.79	617.90	244.89	3.523		
14,600.00	7,097.31	14,708.00	7,084.05	123.38	124.36	-89.05	-679.44	-6,670.30	862.21	614.01	248.20	3.474		
14,700.00	7,096.49	14,808.00	7,083.03	125.04	126.01	-89.04	-678.73	-6,770.29	861.64	610.12	251.51	3.426		
14,800.00	7,095.67	14,907.99	7,082.01	126.70	127.67	-89.03	-678.01	-6,870.28	861.06	606.23	254.83	3.379		
14,900.00	7,094.84	15,007.99	7,081.00	128.35	129.33	-89.01	-677.29	-6,970.27	860.48	602.33	258.14	3.333		
15,000.00	7,094.02	15,107.99	7,079.98	130.01	130.98	-89.00	-676.58	-7,070.26	859.90	598.44	261.46	3.289		
15,100.00	7,093.19	15,207.99	7,078.96	131.67	132.64	-88.99	-675.86	-7,170.25	859.32	594.54	264.78	3.245		
15,101.99	7,093.18	15,209.98	7,078.94	131.71	132.68	-88.99	-675.84	-7,172.24	859.31	594.47	264.84	3.245 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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			
0.00	0.00	1.00	1.00	3.28	3.28	175.21	-59.75	5.00	59.96						
100.00	100.00	101.00	101.00	3.28	3.28	175.21	-59.75	5.00	59.96	52.43	7.53	7.963			
200.00	200.00	201.00	201.00	3.31	3.31	175.21	-59.75	5.00	59.96	52.38	7.57	7.916 CC			
200.18	200.18	201.18	201.18	3.31	3.31	175.21	-59.75	5.00	59.96	52.38	7.57	7.916 ES			
300.00	300.00	300.69	300.69	3.35	3.35	94.36	-59.83	5.28	60.09	52.43	7.66	7.844			
400.00	399.93	399.93	399.87	3.41	3.41	94.84	-60.72	8.28	61.50	53.72	7.78	7.903			
500.00	499.68	499.13	498.85	3.50	3.49	95.45	-62.58	14.57	64.42	56.47	7.95	8.104			
600.00	599.13	598.26	597.47	3.61	3.60	96.15	-65.40	24.13	68.86	60.70	8.17	8.431			
700.00	698.15	697.28	695.58	3.76	3.74	96.87	-69.20	36.94	74.83	66.38	8.45	8.857			
800.00	796.83	803.52	793.39	3.93	3.93	97.02	-73.89	52.82	82.09	73.28	8.81	9.320			
900.00	895.50	903.80	891.59	4.14	4.14	96.77	-78.81	69.44	89.58	80.36	9.22	9.720			
1,000.00	994.17	995.92	989.79	4.36	4.36	96.56	-83.73	86.06	97.07	87.42	9.65	10.059			
1,100.00	1,092.84	1,104.36	1,087.99	4.61	4.64	96.39	-88.64	102.68	104.56	94.39	10.16	10.290			
1,200.00	1,191.50	1,204.64	1,186.19	4.87	4.91	96.23	-93.56	119.30	112.05	101.36	10.69	10.484			
1,300.00	1,290.17	1,304.93	1,284.40	5.14	5.20	96.10	-98.48	135.92	119.54	108.30	11.24	10.634			
1,400.00	1,388.84	1,405.21	1,382.60	5.43	5.51	95.98	-103.39	152.55	127.03	115.21	11.82	10.747			
1,500.00	1,487.51	1,505.49	1,480.80	5.73	5.82	95.87	-108.31	169.17	134.52	122.11	12.42	10.833			
1,600.00	1,586.18	1,605.77	1,579.00	6.03	6.15	95.78	-113.23	185.79	142.02	128.98	13.03	10.896			
1,700.00	1,684.85	1,706.05	1,677.20	6.34	6.48	95.69	-118.15	202.41	149.51	135.85	13.66	10.942			
1,800.00	1,783.52	1,806.33	1,775.40	6.66	6.81	95.62	-123.06	219.03	157.00	142.71	14.30	10.981			
1,900.00	1,882.18	1,906.61	1,873.60	6.84	6.98	95.55	-127.98	235.65	164.50	150.24	14.26	11.537			
2,000.00	1,980.85	1,993.11	1,971.80	6.87	7.01	95.48	-132.90	252.27	171.99	157.67	14.33	12.005			
2,100.00	2,079.52	2,107.18	2,070.00	6.93	7.08	95.42	-137.81	268.89	179.49	165.05	14.44	12.429			
2,200.00	2,178.19	2,207.46	2,168.20	6.99	7.15	95.37	-142.73	285.51	186.98	172.40	14.58	12.825			
2,300.00	2,276.86	2,307.74	2,266.40	7.08	7.24	95.32	-147.65	302.14	194.48	179.73	14.75	13.187			
2,400.00	2,375.53	2,408.02	2,364.60	7.17	7.35	95.28	-152.56	318.76	201.97	187.03	14.95	13.514			
2,500.00	2,474.20	2,508.30	2,462.80	7.29	7.47	95.23	-157.48	335.38	209.47	194.29	15.17	13.806			
2,600.00	2,572.86	2,608.58	2,561.00	7.41	7.60	95.19	-162.40	352.00	216.96	201.54	15.43	14.065			
2,700.00	2,671.53	2,708.86	2,659.20	7.55	7.75	95.16	-167.32	368.62	224.46	208.75	15.70	14.293			
2,800.00	2,770.20	2,809.15	2,757.40	7.70	7.91	95.12	-172.23	385.24	231.95	215.95	16.01	14.491			
2,900.00	2,868.87	2,909.43	2,855.61	7.86	8.08	95.09	-177.15	401.86	239.45	223.12	16.33	14.661			
3,000.00	2,967.54	3,009.71	2,953.81	8.03	8.26	95.06	-182.07	418.48	246.94	230.27	16.68	14.806			
3,100.00	3,066.21	3,109.99	3,052.01	8.21	8.46	95.03	-186.98	435.10	254.44	237.39	17.05	14.927			
3,200.00	3,164.88	3,189.73	3,150.21	8.40	8.62	95.00	-191.90	451.72	261.94	244.55	17.39	15.063			
3,300.00	3,263.54	3,289.45	3,248.41	8.60	8.83	94.98	-196.82	468.35	269.43	251.64	17.79	15.145			
3,400.00	3,362.21	3,389.17	3,346.61	8.81	9.04	94.95	-201.74	484.97	276.93	258.72	18.21	15.211			
3,500.00	3,460.88	3,488.88	3,444.81	9.02	9.27	94.93	-206.65	501.59	284.42	265.79	18.64	15.261			
3,600.00	3,559.55	3,588.60	3,543.01	9.24	9.50	94.91	-211.57	518.21	291.92	272.84	19.08	15.298			
3,700.00	3,658.22	3,688.32	3,641.21	9.47	9.74	94.89	-216.49	534.83	299.41	279.87	19.54	15.323			
3,800.00	3,756.89	3,788.04	3,739.41	9.70	9.98	94.87	-221.40	551.45	306.91	286.90	20.01	15.337			
3,900.00	3,855.56	3,887.76	3,837.61	9.94	10.23	94.85	-226.32	568.07	314.41	293.91	20.49	15.342			
4,000.00	3,954.22	3,987.48	3,935.81	10.19	10.49	94.83	-231.24	584.69	321.90	300.92	20.99	15.339			
4,100.00	4,052.89	4,087.20	4,034.01	10.44	10.75	94.81	-236.15	601.31	329.40	307.91	21.49	15.330			
4,200.00	4,151.56	4,186.91	4,132.21	10.69	11.01	94.80	-241.07	617.93	336.89	314.90	22.00	15.314			
4,300.00	4,250.23	4,286.63	4,230.41	10.95	11.28	94.78	-245.99	634.56	344.39	321.87	22.52	15.294			
4,400.00	4,348.90	4,386.35	4,328.61	11.21	11.56	94.77	-250.91	651.18	351.89	328.84	23.05	15.269			
4,500.00	4,447.57	4,486.07	4,426.82	11.48	11.84	94.75	-255.82	667.80	359.38	335.80	23.58	15.241			
4,600.00	4,546.24	4,585.79	4,525.02	11.75	12.12	94.74	-260.74	684.42	366.88	342.76	24.12	15.209			
4,700.00	4,644.90	4,685.51	4,623.22	12.02	12.40	94.73	-265.66	701.04	374.38	349.71	24.67	15.175			
4,800.00	4,743.57	4,785.23	4,721.42	12.30	12.69	94.71	-270.57	717.66	381.87	356.65	25.22	15.139			
4,900.00	4,842.24	4,884.94	4,819.62	12.58	12.98	94.70	-275.49	734.28	389.37	363.59	25.78	15.102			
5,000.00	4,940.91	4,984.66	4,917.82	12.86	13.27	94.69	-280.41	750.90	396.86	370.52	26.35	15.063			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
5,100.00	5,039.58	5,084.38	5,016.02	13.14	13.57	94.68	-285.33	767.52	404.36	377.44	26.92	15.023		
5,200.00	5,138.25	5,184.10	5,114.22	13.43	13.86	94.67	-290.24	784.14	411.86	384.37	27.49	14.982		
5,300.00	5,236.92	5,283.82	5,212.42	13.71	14.16	94.66	-295.16	800.77	419.35	391.28	28.07	14.940		
5,400.00	5,335.58	5,383.54	5,310.62	14.00	14.47	94.65	-300.08	817.39	426.85	398.20	28.65	14.898		
5,500.00	5,434.25	5,483.26	5,408.82	14.30	14.77	94.64	-304.99	834.01	434.35	405.11	29.24	14.856		
5,600.00	5,532.92	5,582.97	5,507.02	14.59	15.07	94.63	-309.91	850.63	441.84	412.02	29.83	14.814		
5,700.00	5,631.59	5,682.69	5,605.22	14.88	15.38	94.62	-314.83	867.25	449.34	418.92	30.42	14.772		
5,800.00	5,730.26	5,782.41	5,703.42	15.18	15.69	94.61	-319.74	883.87	456.84	425.82	31.02	14.729		
5,900.00	5,828.93	5,882.13	5,801.62	15.48	16.00	94.60	-324.66	900.49	464.33	432.72	31.61	14.688		
6,000.00	5,927.60	5,981.85	5,899.82	15.78	16.31	94.59	-329.58	917.11	471.83	439.61	32.22	14.646		
6,100.00	6,026.27	6,081.57	5,998.03	16.08	16.63	94.58	-334.50	933.73	479.32	446.50	32.82	14.605		
6,200.00	6,124.93	6,181.29	6,096.23	16.38	16.94	94.58	-339.41	950.36	486.82	453.39	33.43	14.564		
6,300.00	6,223.60	6,281.01	6,194.43	16.68	17.25	94.57	-344.33	966.98	494.32	460.28	34.04	14.524		
6,400.00	6,322.27	6,380.72	6,292.63	16.99	17.57	94.56	-349.25	983.60	501.81	467.17	34.65	14.484		
6,500.00	6,420.94	6,480.44	6,390.83	17.29	17.89	95.00	-354.16	1,000.22	509.31	474.05	35.26	14.445		
6,600.00	6,520.52	6,580.23	6,489.10	17.48	18.20	-178.27	-359.09	1,016.78	517.53	481.81	35.72	14.488		
6,700.00	6,620.05	6,686.54	6,594.91	17.60	18.40	-104.96	-364.47	1,024.07	526.61	490.61	36.00	14.627		
6,800.00	6,717.09	6,795.70	6,703.24	17.66	18.52	-101.14	-370.15	1,013.14	535.89	499.75	36.14	14.826		
6,900.00	6,809.23	6,907.64	6,810.70	17.68	18.57	-100.14	-375.95	982.88	545.01	508.84	36.17	15.070		
7,000.00	6,894.22	7,022.14	6,913.40	17.66	18.56	-99.70	-381.67	932.94	553.60	517.50	36.11	15.332		
7,100.00	6,969.97	7,138.83	7,007.17	17.65	18.52	-99.37	-387.10	863.95	561.34	525.30	36.04	15.576		
7,200.00	7,034.59	7,257.18	7,087.80	17.67	18.49	-98.99	-392.00	777.70	567.92	531.87	36.04	15.756		
7,300.00	7,086.52	7,376.49	7,151.56	17.76	18.51	-98.49	-396.15	677.14	573.10	536.86	36.23	15.817		
7,400.00	7,124.46	7,495.99	7,195.54	17.95	18.62	-97.86	-399.37	566.26	576.72	540.06	36.66	15.731		
7,500.00	7,147.48	7,614.87	7,218.01	18.24	18.87	-97.09	-401.53	449.73	578.73	541.38	37.36	15.492		
7,600.00	7,155.01	7,725.07	7,220.63	18.62	19.25	-96.40	-402.62	339.63	579.42	541.19	38.23	15.155		
7,700.00	7,154.20	7,825.07	7,219.76	19.12	19.73	-96.38	-403.43	239.64	580.36	541.11	39.25	14.785		
7,800.00	7,153.37	7,925.06	7,218.89	19.75	20.36	-96.37	-404.25	139.65	581.30	540.77	40.53	14.343		
7,900.00	7,152.55	8,025.06	7,218.01	20.50	21.10	-96.35	-405.06	39.67	582.24	540.20	42.04	13.851		
8,000.00	7,151.73	8,125.05	7,217.14	21.36	21.96	-96.34	-405.88	-60.32	583.18	539.43	43.75	13.330		
8,100.00	7,150.90	8,225.05	7,216.27	22.30	22.91	-96.32	-406.70	-160.31	584.12	538.48	45.64	12.797		
8,200.00	7,150.08	8,325.04	7,215.40	23.33	23.95	-96.31	-407.51	-260.30	585.06	537.36	47.70	12.265		
8,300.00	7,149.25	8,425.04	7,214.52	24.43	25.05	-96.29	-408.33	-360.29	586.00	536.11	49.90	11.744		
8,400.00	7,148.43	8,525.04	7,213.65	25.59	26.22	-96.28	-409.15	-460.28	586.94	534.73	52.22	11.241		
8,500.00	7,147.60	8,625.03	7,212.78	26.81	27.44	-96.26	-409.96	-560.26	587.88	533.24	54.64	10.759		
8,600.00	7,146.78	8,725.03	7,211.91	28.07	28.70	-96.25	-410.78	-660.25	588.83	531.66	57.16	10.301		
8,700.00	7,145.96	8,825.02	7,211.03	29.38	30.01	-96.23	-411.60	-760.24	589.77	530.00	59.76	9.868		
8,800.00	7,145.13	8,925.02	7,210.16	30.72	31.35	-96.22	-412.41	-860.23	590.71	528.27	62.43	9.461		
8,900.00	7,144.31	9,025.01	7,209.29	32.09	32.72	-96.20	-413.23	-960.22	591.65	526.48	65.17	9.079		
9,000.00	7,143.48	9,125.01	7,208.42	33.49	34.12	-96.19	-414.05	-1,060.21	592.59	524.63	67.96	8.720		
9,100.00	7,142.66	9,225.00	7,207.54	34.92	35.54	-96.18	-414.86	-1,160.19	593.53	522.73	70.79	8.384		
9,200.00	7,141.83	9,325.00	7,206.67	36.36	36.99	-96.16	-415.68	-1,260.18	594.47	520.80	73.67	8.069		
9,300.00	7,141.01	9,424.99	7,205.80	37.83	38.45	-96.15	-416.50	-1,360.17	595.41	518.82	76.59	7.774		
9,400.00	7,140.18	9,524.99	7,204.93	39.31	39.93	-96.13	-417.31	-1,460.16	596.35	516.81	79.54	7.497		
9,500.00	7,139.36	9,624.99	7,204.06	40.80	41.42	-96.12	-418.13	-1,560.15	597.29	514.77	82.52	7.238		
9,600.00	7,138.54	9,724.98	7,203.18	42.31	42.93	-96.10	-418.95	-1,660.14	598.23	512.70	85.53	6.994		
9,700.00	7,137.71	9,824.98	7,202.31	43.84	44.45	-96.09	-419.76	-1,760.12	599.18	510.61	88.56	6.766		
9,800.00	7,136.89	9,924.97	7,201.44	45.37	45.98	-96.07	-420.58	-1,860.11	600.12	508.50	91.62	6.550		
9,900.00	7,136.06	10,024.97	7,200.57	46.91	47.52	-96.06	-421.40	-1,960.10	601.06	506.37	94.69	6.348		
10,000.00	7,135.24	10,124.96	7,199.69	48.46	49.07	-96.05	-422.21	-2,060.09	602.00	504.22	97.78	6.157		
10,100.00	7,134.41	10,224.96	7,198.82	50.02	50.62	-96.03	-423.03	-2,160.08	602.94	502.05	100.89	5.976		
10,200.00	7,133.59	10,324.95	7,197.95	51.59	52.19	-96.02	-423.85	-2,260.07	603.88	499.87	104.01	5.806		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
10,300.00	7,132.76	10,424.95	7,197.08	53.16	53.76	-96.00	-424.66	-2,360.05	604.82	497.68	107.14	5.645	
10,400.00	7,131.94	10,524.94	7,196.20	54.74	55.33	-95.99	-425.48	-2,460.04	605.76	495.47	110.29	5.492	
10,500.00	7,131.12	10,624.94	7,195.33	56.32	56.92	-95.98	-426.29	-2,560.03	606.71	493.26	113.45	5.348	
10,600.00	7,130.29	10,724.94	7,194.46	57.91	58.50	-95.96	-427.11	-2,660.02	607.65	491.03	116.62	5.211	
10,700.00	7,129.47	10,824.93	7,193.59	59.51	60.09	-95.95	-427.93	-2,760.01	608.59	488.79	119.80	5.080	
10,800.00	7,128.64	10,924.93	7,192.71	61.11	61.69	-95.94	-428.74	-2,860.00	609.53	486.55	122.98	4.956	
10,900.00	7,127.82	11,024.92	7,191.84	62.71	63.29	-95.92	-429.56	-2,959.98	610.47	484.29	126.18	4.838	
11,000.00	7,126.99	11,124.92	7,190.97	64.32	64.89	-95.91	-430.38	-3,059.97	611.41	482.03	129.38	4.726	
11,100.00	7,126.17	11,224.91	7,190.10	65.93	66.50	-95.89	-431.19	-3,159.96	612.36	479.76	132.59	4.618	
11,200.00	7,125.34	11,324.91	7,189.22	67.54	68.11	-95.88	-432.01	-3,259.95	613.30	477.49	135.81	4.516	
11,300.00	7,124.52	11,424.90	7,188.35	69.16	69.73	-95.87	-432.83	-3,359.94	614.24	475.21	139.03	4.418	
11,400.00	7,123.70	11,524.90	7,187.48	70.78	71.34	-95.85	-433.64	-3,459.93	615.18	472.92	142.26	4.324	
11,500.00	7,122.87	11,624.89	7,186.61	72.40	72.96	-95.84	-434.46	-3,559.91	616.12	470.63	145.49	4.235	
11,600.00	7,122.05	11,724.89	7,185.73	74.02	74.58	-95.83	-435.28	-3,659.90	617.06	468.34	148.73	4.149	
11,700.00	7,121.22	11,824.89	7,184.86	75.65	76.21	-95.81	-436.09	-3,759.89	618.01	466.04	151.97	4.067	
11,800.00	7,120.40	11,924.88	7,183.99	77.28	77.83	-95.80	-436.91	-3,859.88	618.95	463.73	155.22	3.988	
11,900.00	7,119.57	12,024.88	7,183.12	78.91	79.46	-95.79	-437.73	-3,959.87	619.89	461.42	158.47	3.912	
12,000.00	7,118.75	12,124.87	7,182.24	80.54	81.09	-95.77	-438.54	-4,059.86	620.83	459.11	161.72	3.839	
12,100.00	7,117.92	12,224.87	7,181.37	82.17	82.72	-95.76	-439.36	-4,159.84	621.77	456.79	164.98	3.769	
12,200.00	7,117.10	12,324.86	7,180.50	83.81	84.35	-95.75	-440.18	-4,259.83	622.72	454.47	168.24	3.701	
12,300.00	7,116.28	12,424.86	7,179.63	85.44	85.99	-95.73	-440.99	-4,359.82	623.66	452.15	171.51	3.636	
12,400.00	7,115.45	12,524.85	7,178.76	87.08	87.62	-95.72	-441.81	-4,459.81	624.60	449.82	174.78	3.574	
12,500.00	7,114.63	12,624.85	7,177.88	88.72	89.26	-95.71	-442.63	-4,559.80	625.54	447.50	178.05	3.513	
12,600.00	7,113.80	12,724.84	7,177.01	90.36	90.90	-95.69	-443.44	-4,659.79	626.48	445.16	181.32	3.455	
12,700.00	7,112.98	12,824.84	7,176.14	92.01	92.54	-95.68	-444.26	-4,759.77	627.43	442.83	184.60	3.399	
12,800.00	7,112.15	12,924.84	7,175.27	93.65	94.18	-95.67	-445.07	-4,859.76	628.37	440.49	187.88	3.345	
12,900.00	7,111.33	13,024.83	7,174.39	95.29	95.82	-95.66	-445.89	-4,959.75	629.31	438.15	191.16	3.292	
13,000.00	7,110.50	13,124.83	7,173.52	96.94	97.47	-95.64	-446.71	-5,059.74	630.25	435.81	194.44	3.241	
13,100.00	7,109.68	13,224.82	7,172.65	98.59	99.11	-95.63	-447.52	-5,159.73	631.20	433.47	197.72	3.192	
13,200.00	7,108.86	13,324.82	7,171.78	100.23	100.76	-95.62	-448.34	-5,259.72	632.14	431.13	201.01	3.145	
13,300.00	7,108.03	13,424.81	7,170.90	101.88	102.40	-95.60	-449.16	-5,359.70	633.08	428.78	204.30	3.099	
13,400.00	7,107.21	13,524.81	7,170.03	103.53	104.05	-95.59	-449.97	-5,459.69	634.02	426.43	207.59	3.054	
13,500.00	7,106.38	13,624.80	7,169.16	105.18	105.70	-95.58	-450.79	-5,559.68	634.97	424.08	210.88	3.011	
13,600.00	7,105.56	13,724.80	7,168.29	106.83	107.35	-95.57	-451.61	-5,659.67	635.91	421.73	214.18	2.969	
13,700.00	7,104.73	13,824.79	7,167.41	108.49	109.00	-95.55	-452.42	-5,759.66	636.85	419.38	217.47	2.928	
13,800.00	7,103.91	13,924.79	7,166.54	110.14	110.65	-95.54	-453.24	-5,859.65	637.79	417.02	220.77	2.889	
13,900.00	7,103.09	14,024.79	7,165.67	111.79	112.30	-95.53	-454.06	-5,959.63	638.74	414.66	224.07	2.851	
14,000.00	7,102.26	14,124.78	7,164.80	113.44	113.95	-95.52	-454.87	-6,059.62	639.68	412.31	227.37	2.813	
14,100.00	7,101.44	14,224.78	7,163.92	115.10	115.60	-95.50	-455.69	-6,159.61	640.62	409.95	230.67	2.777	
14,200.00	7,100.61	14,324.77	7,163.05	116.75	117.26	-95.49	-456.51	-6,259.60	641.56	407.59	233.98	2.742	
14,300.00	7,099.79	14,424.77	7,162.18	118.41	118.91	-95.48	-457.32	-6,359.59	642.51	405.23	237.28	2.708	
14,400.00	7,098.96	14,524.76	7,161.31	120.07	120.57	-95.47	-458.14	-6,459.58	643.45	402.86	240.58	2.675	
14,500.00	7,098.14	14,624.76	7,160.43	121.72	122.22	-95.45	-458.96	-6,559.56	644.39	400.50	243.89	2.642	
14,600.00	7,097.31	14,724.75	7,159.56	123.38	123.88	-95.44	-459.77	-6,659.55	645.33	398.14	247.20	2.611	
14,700.00	7,096.49	14,824.75	7,158.69	125.04	125.53	-95.43	-460.59	-6,759.54	646.28	395.77	250.51	2.580	
14,800.00	7,095.67	14,924.74	7,157.82	126.70	127.19	-95.42	-461.41	-6,859.53	647.22	393.40	253.82	2.550	
14,900.00	7,094.84	15,024.74	7,156.95	128.35	128.84	-95.41	-462.22	-6,959.52	648.16	391.04	257.13	2.521	
15,000.00	7,094.02	15,124.74	7,156.07	130.01	130.50	-95.39	-463.04	-7,059.51	649.11	388.67	260.44	2.492	
15,100.00	7,093.19	15,224.73	7,155.20	131.67	132.16	-95.38	-463.85	-7,159.49	650.05	386.30	263.75	2.465	
15,101.99	7,093.18	15,226.72	7,155.18	131.71	132.19	-95.38	-463.87	-7,161.48	650.07	386.25	263.82	2.464 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	2.00	2.00	3.28	3.28	175.30	-179.24	14.73	179.84					
100.00	100.00	102.00	102.00	3.28	3.28	175.30	-179.24	14.73	179.84	172.31	7.53	23.887		
200.00	200.00	202.00	202.00	3.31	3.31	175.30	-179.24	14.73	179.84	172.27	7.57	23.743	CC, ES	
300.00	300.00	298.20	298.19	3.35	3.35	94.20	-180.00	15.48	180.74	173.08	7.66	23.605		
400.00	399.93	393.45	393.34	3.41	3.40	94.33	-183.00	18.40	184.39	176.62	7.77	23.730		
500.00	499.68	488.45	488.06	3.50	3.48	94.79	-188.25	23.50	190.86	182.94	7.93	24.081		
600.00	599.13	583.07	582.10	3.61	3.58	95.51	-195.70	30.76	200.18	192.06	8.13	24.627		
700.00	698.15	677.18	675.24	3.76	3.72	96.42	-205.32	40.13	212.37	203.99	8.39	25.326		
800.00	796.83	770.72	767.34	3.93	3.89	97.41	-217.05	51.55	227.30	218.60	8.70	26.127		
900.00	895.50	863.67	858.27	4.14	4.10	97.84	-230.84	64.96	244.61	235.54	9.06	26.986		
1,000.00	994.17	956.76	948.68	4.36	4.35	97.75	-246.72	80.43	264.18	254.70	9.48	27.874		
1,100.00	1,092.84	1,054.65	1,043.47	4.61	4.66	97.50	-264.22	97.46	284.58	274.61	9.97	28.550		
1,200.00	1,191.50	1,152.54	1,138.27	4.87	5.00	97.29	-281.71	114.49	304.98	294.48	10.50	29.058		
1,300.00	1,290.17	1,250.43	1,233.07	5.14	5.36	97.11	-299.20	131.51	325.39	314.33	11.06	29.432		
1,400.00	1,388.84	1,348.32	1,327.87	5.43	5.74	96.95	-316.69	148.54	345.79	334.15	11.64	29.695		
1,500.00	1,487.51	1,446.22	1,422.67	5.73	6.14	96.81	-334.18	165.57	366.20	353.95	12.25	29.893		
1,600.00	1,586.18	1,544.11	1,517.47	6.03	6.55	96.68	-351.67	182.60	386.61	373.73	12.88	30.017		
1,700.00	1,684.85	1,642.00	1,612.27	6.34	6.97	96.56	-369.16	199.62	407.03	393.50	13.53	30.094		
1,800.00	1,783.52	1,739.89	1,707.06	6.66	7.40	96.46	-386.66	216.65	427.44	413.26	14.18	30.135		
1,900.00	1,882.18	1,837.78	1,801.86	6.84	7.76	96.36	-404.15	233.68	447.86	433.59	14.27	31.395		
2,000.00	1,980.85	1,935.67	1,896.66	6.87	7.94	96.27	-421.64	250.70	468.28	453.84	14.44	32.435		
2,100.00	2,079.52	2,033.56	1,991.46	6.93	8.00	96.19	-439.13	267.73	488.70	474.16	14.53	33.623		
2,200.00	2,178.19	2,131.45	2,086.26	6.99	8.09	96.12	-456.62	284.76	509.11	494.45	14.67	34.716		
2,300.00	2,276.86	2,229.34	2,181.06	7.08	8.20	96.05	-474.11	301.79	529.53	514.71	14.83	35.710		
2,400.00	2,375.53	2,327.24	2,275.86	7.17	8.32	95.99	-491.60	318.81	549.95	534.93	15.02	36.606		
2,500.00	2,474.20	2,425.13	2,370.65	7.29	8.46	95.93	-509.10	335.84	570.38	555.13	15.25	37.405		
2,600.00	2,572.86	2,523.02	2,465.45	7.41	8.62	95.88	-526.59	352.87	590.80	575.29	15.50	38.109		
2,700.00	2,671.53	2,620.91	2,560.25	7.55	8.80	95.83	-544.08	369.90	611.22	595.44	15.78	38.723		
2,800.00	2,770.20	2,718.80	2,655.05	7.70	8.99	95.78	-561.57	386.92	631.64	615.55	16.09	39.253		
2,900.00	2,868.87	2,816.69	2,749.85	7.86	9.19	95.74	-579.06	403.95	652.06	635.64	16.42	39.703		
3,000.00	2,967.54	2,914.58	2,844.65	8.03	9.41	95.70	-596.55	420.98	672.49	655.71	16.78	40.081		
3,100.00	3,066.21	3,012.47	2,939.45	8.21	9.64	95.66	-614.04	438.01	692.91	675.76	17.15	40.393		
3,200.00	3,164.88	3,110.36	3,034.25	8.40	9.88	95.62	-631.53	455.03	713.34	695.79	17.55	40.645		
3,300.00	3,263.54	3,208.26	3,129.04	8.60	10.13	95.59	-649.03	472.06	733.76	715.79	17.97	40.844		
3,400.00	3,362.21	3,306.15	3,223.84	8.81	10.39	95.55	-666.52	489.09	754.18	735.79	18.40	40.995		
3,500.00	3,460.88	3,404.04	3,318.64	9.02	10.66	95.52	-684.01	506.12	774.61	755.76	18.85	41.104		
3,600.00	3,559.55	3,501.93	3,413.44	9.24	10.94	95.49	-701.50	523.14	795.03	775.73	19.31	41.176		
3,700.00	3,658.22	3,600.18	3,508.24	9.47	11.23	95.46	-718.99	540.17	815.46	795.67	19.79	41.213		
3,800.00	3,756.89	3,697.71	3,603.04	9.70	11.52	95.44	-736.48	557.20	835.88	815.61	20.28	41.227		
3,900.00	3,855.56	3,804.40	3,697.84	9.94	11.85	95.41	-753.97	574.23	856.31	835.51	20.80	41.166		
4,000.00	3,954.22	3,906.51	3,792.63	10.19	12.17	95.39	-771.47	591.25	876.73	855.41	21.33	41.110		
4,100.00	4,052.89	3,991.38	3,887.43	10.44	12.44	95.36	-788.96	608.28	897.16	875.35	21.81	41.129		
4,200.00	4,151.56	4,089.28	3,982.23	10.69	12.76	95.34	-806.45	625.31	917.59	895.24	22.35	41.063		
4,300.00	4,250.23	4,187.17	4,077.03	10.95	13.09	95.32	-823.94	642.34	938.01	915.12	22.89	40.984		
4,400.00	4,348.90	4,285.06	4,171.83	11.21	13.41	95.30	-841.43	659.36	958.44	935.00	23.44	40.894		
4,500.00	4,447.57	4,382.95	4,266.63	11.48	13.75	95.28	-858.92	676.39	978.86	954.87	23.99	40.796		
4,600.00	4,546.24	4,480.84	4,361.43	11.75	14.08	95.26	-876.41	693.42	999.29	974.73	24.56	40.690		
4,700.00	4,644.90	4,578.73	4,456.23	12.02	14.42	95.24	-893.91	710.45	1,019.72	994.59	25.13	40.578		
4,800.00	4,743.57	4,676.62	4,551.02	12.30	14.76	95.23	-911.40	727.47	1,040.14	1,014.44	25.71	40.462		
4,900.00	4,842.24	4,774.51	4,645.82	12.58	15.11	95.21	-928.89	744.50	1,060.57	1,034.28	26.29	40.341		
5,000.00	4,940.91	4,872.40	4,740.62	12.86	15.46	95.19	-946.38	761.53	1,081.00	1,054.12	26.88	40.218		
5,100.00	5,039.58	4,970.30	4,835.42	13.14	15.81	95.18	-963.87	778.56	1,101.42	1,073.95	27.47	40.093		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,138.25	5,068.19	4,930.22	13.43	16.16	95.16	-981.36	795.58	1,121.85	1,093.78	28.07	39.966		
5,300.00	5,236.92	5,166.08	5,025.02	13.71	16.52	95.15	-998.85	812.61	1,142.28	1,113.60	28.67	39.839		
5,400.00	5,335.58	5,263.97	5,119.82	14.00	16.88	95.14	-1,016.35	829.64	1,162.70	1,133.42	29.28	39.711		
5,500.00	5,434.25	5,361.86	5,214.61	14.30	17.24	95.12	-1,033.84	846.67	1,183.13	1,153.24	29.89	39.583		
5,600.00	5,532.92	5,459.75	5,309.41	14.59	17.60	95.11	-1,051.33	863.69	1,203.56	1,173.05	30.50	39.456		
5,700.00	5,631.59	5,557.64	5,404.21	14.88	17.97	95.10	-1,068.82	880.72	1,223.98	1,192.86	31.12	39.329		
5,800.00	5,730.26	5,655.53	5,499.01	15.18	18.33	95.09	-1,086.31	897.75	1,244.41	1,212.67	31.74	39.203		
5,900.00	5,828.93	5,753.42	5,593.81	15.48	18.70	95.07	-1,103.80	914.78	1,264.84	1,232.47	32.37	39.078		
6,000.00	5,927.60	5,851.32	5,688.61	15.78	19.07	95.06	-1,121.29	931.80	1,285.27	1,252.27	32.99	38.955		
6,100.00	6,026.27	5,949.21	5,783.41	16.08	19.44	95.05	-1,138.78	948.83	1,305.69	1,272.07	33.62	38.833		
6,200.00	6,124.93	6,047.10	5,878.21	16.38	19.82	95.04	-1,156.28	965.86	1,326.12	1,291.86	34.26	38.712		
6,300.00	6,223.60	6,144.99	5,973.00	16.68	20.19	95.03	-1,173.77	982.89	1,346.55	1,311.66	34.89	38.593		
6,400.00	6,322.27	6,242.88	6,067.80	16.99	20.57	95.02	-1,191.26	999.91	1,366.98	1,331.45	35.53	38.476		
6,500.00	6,420.94	6,340.77	6,162.60	17.29	20.94	95.52	-1,208.75	1,016.94	1,387.40	1,351.24	36.17	38.363		
6,600.00	6,520.52	6,438.05	6,256.81	17.48	21.32	-175.98	-1,226.13	1,033.86	1,408.38	1,371.71	36.67	38.409		
6,700.00	6,620.05	6,532.56	6,348.33	17.60	21.68	-100.76	-1,243.02	1,050.30	1,430.26	1,393.21	37.05	38.607		
6,800.00	6,717.09	6,621.97	6,434.91	17.66	22.03	-95.56	-1,258.99	1,065.85	1,453.24	1,415.94	37.30	38.957		
6,900.00	6,809.23	6,704.07	6,514.42	17.68	22.35	-93.52	-1,273.66	1,080.13	1,477.84	1,440.40	37.45	39.464		
7,000.00	6,894.22	6,776.84	6,584.89	17.66	22.63	-92.16	-1,286.67	1,092.79	1,504.75	1,467.25	37.50	40.129		
7,100.00	6,969.97	6,874.22	6,679.78	17.65	22.93	-91.80	-1,304.23	1,105.36	1,534.17	1,496.57	37.60	40.802		
7,200.00	7,034.59	7,018.75	6,821.31	17.67	23.19	-92.68	-1,330.72	1,097.24	1,564.22	1,526.46	37.77	41.416		
7,300.00	7,086.52	7,231.45	7,017.58	17.76	23.33	-94.79	-1,368.14	1,027.25	1,592.43	1,554.50	37.93	41.983		
7,400.00	7,124.46	7,400.00	7,234.38	17.95	23.32	-97.10	-1,410.91	824.11	1,613.27	1,575.11	38.15	42.286		
7,500.00	7,147.48	7,931.44	7,339.86	18.24	22.77	-96.80	-1,434.87	448.98	1,618.99	1,579.30	39.69	40.789		
7,526.12	7,150.95	7,957.29	7,339.62	18.34	22.75	-96.66	-1,435.12	423.14	1,618.94	1,579.04	39.89	40.581		
7,600.00	7,155.01	8,030.97	7,338.94	18.62	22.72	-96.45	-1,435.84	349.46	1,619.33	1,578.84	40.49	39.993		
7,700.00	7,154.20	8,130.96	7,338.03	19.12	22.78	-96.44	-1,436.81	249.48	1,620.42	1,578.92	41.50	39.050		
7,800.00	7,153.37	8,230.96	7,337.11	19.75	23.08	-96.43	-1,437.78	149.49	1,621.51	1,578.76	42.75	37.934		
7,900.00	7,152.55	8,330.95	7,336.20	20.50	23.68	-96.42	-1,438.75	49.51	1,622.60	1,578.38	44.22	36.698		
8,000.00	7,151.73	8,430.95	7,335.28	21.36	24.49	-96.42	-1,439.73	-50.48	1,623.69	1,577.80	45.88	35.387		
8,100.00	7,150.90	8,530.94	7,334.37	22.30	25.42	-96.41	-1,440.70	-150.46	1,624.77	1,577.04	47.73	34.040		
8,200.00	7,150.08	8,630.93	7,333.45	23.33	26.44	-96.40	-1,441.67	-250.45	1,625.86	1,576.13	49.74	32.690		
8,300.00	7,149.25	8,730.93	7,332.53	24.43	27.52	-96.39	-1,442.64	-350.43	1,626.95	1,575.07	51.88	31.360		
8,400.00	7,148.43	8,830.92	7,331.62	25.59	28.67	-96.39	-1,443.61	-450.42	1,628.04	1,573.90	54.15	30.067		
8,500.00	7,147.60	8,930.92	7,330.70	26.81	29.86	-96.38	-1,444.58	-550.40	1,629.13	1,572.61	56.52	28.823		
8,600.00	7,146.78	9,030.91	7,329.79	28.07	31.10	-96.37	-1,445.56	-650.39	1,630.22	1,571.23	58.99	27.636		
8,700.00	7,145.96	9,130.90	7,328.87	29.38	32.38	-96.36	-1,446.53	-750.37	1,631.31	1,569.77	61.54	26.508		
8,800.00	7,145.13	9,230.90	7,327.96	30.72	33.69	-96.36	-1,447.50	-850.36	1,632.40	1,568.24	64.17	25.440		
8,900.00	7,144.31	9,330.89	7,327.04	32.09	35.02	-96.35	-1,448.47	-950.34	1,633.49	1,566.64	66.85	24.434		
9,000.00	7,143.48	9,430.88	7,326.13	33.49	36.39	-96.34	-1,449.44	-1,050.33	1,634.58	1,564.98	69.60	23.486		
9,100.00	7,142.66	9,530.88	7,325.21	34.92	37.78	-96.33	-1,450.41	-1,150.31	1,635.67	1,563.28	72.40	22.594		
9,200.00	7,141.83	9,630.87	7,324.29	36.36	39.19	-96.33	-1,451.38	-1,250.30	1,636.76	1,561.53	75.24	21.755		
9,300.00	7,141.01	9,730.87	7,323.38	37.83	40.62	-96.32	-1,452.36	-1,350.28	1,637.85	1,559.74	78.12	20.967		
9,400.00	7,140.18	9,830.86	7,322.46	39.31	42.07	-96.31	-1,453.33	-1,450.27	1,638.94	1,557.91	81.03	20.226		
9,500.00	7,139.36	9,930.85	7,321.55	40.80	43.53	-96.30	-1,454.30	-1,550.25	1,640.03	1,556.05	83.98	19.529		
9,600.00	7,138.54	10,030.85	7,320.63	42.31	45.01	-96.30	-1,455.27	-1,650.24	1,641.12	1,554.17	86.95	18.874		
9,700.00	7,137.71	10,130.84	7,319.72	43.84	46.50	-96.29	-1,456.24	-1,750.22	1,642.21	1,552.26	89.96	18.256		
9,800.00	7,136.89	10,230.84	7,318.80	45.37	48.00	-96.28	-1,457.21	-1,850.21	1,643.30	1,550.32	92.98	17.674		
9,900.00	7,136.06	10,330.83	7,317.89	46.91	49.51	-96.27	-1,458.19	-1,950.19	1,644.39	1,548.37	96.03	17.125		
10,000.00	7,135.24	10,430.82	7,316.97	48.46	51.03	-96.27	-1,459.16	-2,050.18	1,645.48	1,546.39	99.09	16.606		
10,100.00	7,134.41	10,530.82	7,316.05	50.02	52.56	-96.26	-1,460.13	-2,150.16	1,646.57	1,544.40	102.17	16.116		
10,200.00	7,133.59	10,630.81	7,315.14	51.59	54.10	-96.25	-1,461.10	-2,250.15	1,647.66	1,542.39	105.27	15.652		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
10,300.00	7,132.76	10,730.80	7,314.22	53.16	55.65	-96.24	-1,462.07	-2,350.13	1,648.75	1,540.37	108.38	15.212		
10,400.00	7,131.94	10,830.80	7,313.31	54.74	57.20	-96.24	-1,463.04	-2,450.12	1,649.84	1,538.34	111.51	14.796		
10,500.00	7,131.12	10,930.79	7,312.39	56.32	58.76	-96.23	-1,464.02	-2,550.10	1,650.93	1,536.29	114.64	14.400		
10,600.00	7,130.29	11,030.79	7,311.48	57.91	60.33	-96.22	-1,464.99	-2,650.09	1,652.02	1,534.23	117.79	14.025		
10,700.00	7,129.47	11,130.78	7,310.56	59.51	61.90	-96.21	-1,465.96	-2,750.07	1,653.11	1,532.16	120.95	13.667		
10,800.00	7,128.64	11,230.77	7,309.64	61.11	63.47	-96.21	-1,466.93	-2,850.06	1,654.20	1,530.08	124.12	13.327		
10,900.00	7,127.82	11,330.77	7,308.73	62.71	65.05	-96.20	-1,467.90	-2,950.04	1,655.30	1,528.00	127.30	13.003		
11,000.00	7,126.99	11,430.76	7,307.81	64.32	66.64	-96.19	-1,468.87	-3,050.03	1,656.39	1,525.90	130.48	12.694		
11,100.00	7,126.17	11,530.76	7,306.90	65.93	68.23	-96.19	-1,469.85	-3,150.01	1,657.48	1,523.80	133.68	12.399		
11,200.00	7,125.34	11,630.75	7,305.98	67.54	69.82	-96.18	-1,470.82	-3,250.00	1,658.57	1,521.69	136.88	12.117		
11,300.00	7,124.52	11,730.74	7,305.07	69.16	71.42	-96.17	-1,471.79	-3,349.98	1,659.66	1,519.57	140.08	11.848		
11,400.00	7,123.70	11,830.74	7,304.15	70.78	73.02	-96.16	-1,472.76	-3,449.97	1,660.75	1,517.45	143.30	11.589		
11,500.00	7,122.87	11,930.73	7,303.24	72.40	74.62	-96.16	-1,473.73	-3,549.95	1,661.84	1,515.32	146.52	11.342		
11,600.00	7,122.05	12,030.72	7,302.32	74.02	76.23	-96.15	-1,474.70	-3,649.93	1,662.93	1,513.19	149.74	11.105		
11,700.00	7,121.22	12,130.72	7,301.40	75.65	77.84	-96.14	-1,475.67	-3,749.92	1,664.02	1,511.05	152.97	10.878		
11,800.00	7,120.40	12,230.71	7,300.49	77.28	79.45	-96.14	-1,476.65	-3,849.90	1,665.11	1,508.91	156.20	10.660		
11,900.00	7,119.57	12,330.71	7,299.57	78.91	81.07	-96.13	-1,477.62	-3,949.89	1,666.20	1,506.76	159.44	10.450		
12,000.00	7,118.75	12,430.70	7,298.66	80.54	82.68	-96.12	-1,478.59	-4,049.87	1,667.29	1,504.61	162.68	10.249		
12,100.00	7,117.92	12,530.69	7,297.74	82.17	84.30	-96.11	-1,479.56	-4,149.86	1,668.38	1,502.45	165.93	10.055		
12,200.00	7,117.10	12,630.69	7,296.83	83.81	85.92	-96.11	-1,480.53	-4,249.84	1,669.47	1,500.29	169.18	9.868		
12,300.00	7,116.28	12,730.68	7,295.91	85.44	87.54	-96.10	-1,481.50	-4,349.83	1,670.56	1,498.13	172.43	9.688		
12,400.00	7,115.45	12,830.67	7,294.99	87.08	89.17	-96.09	-1,482.48	-4,449.81	1,671.65	1,495.96	175.69	9.515		
12,500.00	7,114.63	12,930.67	7,294.08	88.72	90.80	-96.09	-1,483.45	-4,549.80	1,672.75	1,493.79	178.95	9.347		
12,600.00	7,113.80	13,030.66	7,293.16	90.36	92.42	-96.08	-1,484.42	-4,649.78	1,673.84	1,491.62	182.22	9.186		
12,700.00	7,112.98	13,130.66	7,292.25	92.01	94.05	-96.07	-1,485.39	-4,749.77	1,674.93	1,489.45	185.48	9.030		
12,800.00	7,112.15	13,230.65	7,291.33	93.65	95.68	-96.06	-1,486.36	-4,849.75	1,676.02	1,487.27	188.75	8.880		
12,900.00	7,111.33	13,330.64	7,290.42	95.29	97.32	-96.06	-1,487.33	-4,949.74	1,677.11	1,485.09	192.02	8.734		
13,000.00	7,110.50	13,430.64	7,289.50	96.94	98.95	-96.05	-1,488.31	-5,049.72	1,678.20	1,482.91	195.29	8.593		
13,100.00	7,109.68	13,530.63	7,288.59	98.59	100.59	-96.04	-1,489.28	-5,149.71	1,679.29	1,480.72	198.57	8.457		
13,200.00	7,108.86	13,630.63	7,287.67	100.23	102.22	-96.04	-1,490.25	-5,249.69	1,680.38	1,478.53	201.85	8.325		
13,300.00	7,108.03	13,730.62	7,286.75	101.88	103.86	-96.03	-1,491.22	-5,349.68	1,681.47	1,476.34	205.13	8.197		
13,400.00	7,107.21	13,830.61	7,285.84	103.53	105.50	-96.02	-1,492.19	-5,449.66	1,682.56	1,474.15	208.41	8.073		
13,500.00	7,106.38	13,930.61	7,284.92	105.18	107.14	-96.01	-1,493.16	-5,549.65	1,683.65	1,471.96	211.69	7.953		
13,600.00	7,105.56	14,030.60	7,284.01	106.83	108.78	-96.01	-1,494.14	-5,649.63	1,684.75	1,469.77	214.98	7.837		
13,700.00	7,104.73	14,130.59	7,283.09	108.49	110.42	-96.00	-1,495.11	-5,749.62	1,685.84	1,467.57	218.27	7.724		
13,800.00	7,103.91	14,230.59	7,282.18	110.14	112.06	-95.99	-1,496.08	-5,849.60	1,686.93	1,465.37	221.56	7.614		
13,900.00	7,103.09	14,330.58	7,281.26	111.79	113.71	-95.99	-1,497.05	-5,949.59	1,688.02	1,463.17	224.85	7.507		
14,000.00	7,102.26	14,430.58	7,280.35	113.44	115.35	-95.98	-1,498.02	-6,049.57	1,689.11	1,460.97	228.14	7.404		
14,100.00	7,101.44	14,530.57	7,279.43	115.10	117.00	-95.97	-1,498.99	-6,149.56	1,690.20	1,458.77	231.43	7.303		
14,200.00	7,100.61	14,630.56	7,278.51	116.75	118.64	-95.97	-1,499.96	-6,249.54	1,691.29	1,456.56	234.73	7.205		
14,300.00	7,099.79	14,730.56	7,277.60	118.41	120.29	-95.96	-1,500.94	-6,349.53	1,692.38	1,454.36	238.03	7.110		
14,400.00	7,098.96	14,830.55	7,276.68	120.07	121.94	-95.95	-1,501.91	-6,449.51	1,693.48	1,452.15	241.32	7.017		
14,500.00	7,098.14	14,930.55	7,275.77	121.72	123.59	-95.94	-1,502.88	-6,549.50	1,694.57	1,449.94	244.62	6.927		
14,600.00	7,097.31	15,030.54	7,274.85	123.38	125.23	-95.94	-1,503.85	-6,649.48	1,695.66	1,447.74	247.92	6.839		
14,700.00	7,096.49	15,130.53	7,273.94	125.04	126.88	-95.93	-1,504.82	-6,749.47	1,696.75	1,445.53	251.22	6.754		
14,800.00	7,095.67	15,230.53	7,273.02	126.70	128.53	-95.92	-1,505.79	-6,849.45	1,697.84	1,443.32	254.53	6.671		
14,900.00	7,094.84	15,330.52	7,272.10	128.35	130.19	-95.92	-1,506.77	-6,949.44	1,698.93	1,441.10	257.83	6.589		
15,000.00	7,094.02	15,430.51	7,271.19	130.01	131.84	-95.91	-1,507.74	-7,049.42	1,700.02	1,438.89	261.13	6.510		
15,100.00	7,093.19	15,530.51	7,270.27	131.67	133.49	-95.90	-1,508.71	-7,149.41	1,701.12	1,436.68	264.44	6.433		
15,101.99	7,093.18	15,532.50	7,270.26	131.71	133.52	-95.90	-1,508.73	-7,151.40	1,701.14	1,436.63	264.50	6.431 SF		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
0.00	0.00	2.00	2.00	3.28	3.28	175.37	-199.28	16.12	199.93					
100.00	100.00	102.00	102.00	3.28	3.28	175.37	-199.28	16.12	199.93	192.40	7.53	26.554		
200.00	200.00	202.00	202.00	3.31	3.31	175.37	-199.28	16.12	199.93	192.35	7.57	26.395 CC, ES		
300.00	300.00	296.72	296.70	3.35	3.34	94.18	-200.46	17.25	201.30	193.65	7.66	26.296		
400.00	399.93	391.40	391.25	3.41	3.40	94.18	-203.90	20.53	205.47	197.71	7.77	26.451		
500.00	499.68	485.79	485.32	3.50	3.48	94.49	-209.59	25.95	212.47	204.55	7.92	26.817		
600.00	599.13	579.78	578.67	3.61	3.58	95.04	-217.48	33.46	222.30	214.18	8.13	27.359		
700.00	698.15	673.23	671.08	3.76	3.72	95.79	-227.52	43.02	234.98	226.60	8.38	28.035		
800.00	796.83	766.08	762.40	3.93	3.89	96.67	-239.65	54.57	250.39	241.70	8.70	28.797		
900.00	895.50	858.30	852.52	4.14	4.11	97.06	-253.81	68.06	268.21	259.15	9.06	29.608		
1,000.00	994.17	949.72	941.19	4.36	4.36	97.00	-269.91	83.39	288.34	278.88	9.47	30.459		
1,100.00	1,092.84	1,045.87	1,033.91	4.61	4.68	96.67	-288.34	100.94	310.07	300.12	9.95	31.159		
1,200.00	1,191.50	1,143.45	1,128.00	4.87	5.04	96.38	-307.08	118.78	331.86	321.37	10.48	31.654		
1,300.00	1,290.17	1,241.04	1,222.09	5.14	5.42	96.12	-325.82	136.63	353.65	342.60	11.05	32.005		
1,400.00	1,388.84	1,338.62	1,316.18	5.43	5.82	95.89	-344.56	154.48	375.45	363.81	11.64	32.242		
1,500.00	1,487.51	1,436.21	1,410.27	5.73	6.24	95.68	-363.31	172.33	397.26	385.00	12.26	32.410		
1,600.00	1,586.18	1,533.79	1,504.36	6.03	6.67	95.50	-382.05	190.18	419.06	406.17	12.89	32.502		
1,700.00	1,684.85	1,631.38	1,598.45	6.34	7.11	95.33	-400.79	208.02	440.88	427.33	13.55	32.548		
1,800.00	1,783.52	1,728.96	1,692.54	6.66	7.56	95.18	-419.53	225.87	462.69	448.48	14.21	32.558		
1,900.00	1,882.18	1,826.54	1,786.63	6.84	7.96	95.04	-438.28	243.72	484.51	470.02	14.49	33.438		
2,000.00	1,980.85	1,924.13	1,880.72	6.87	8.17	94.92	-457.02	261.57	506.33	491.82	14.51	34.893		
2,100.00	2,079.52	2,021.71	1,974.81	6.93	8.24	94.81	-475.76	279.42	528.16	513.55	14.61	36.160		
2,200.00	2,178.19	2,119.30	2,068.90	6.99	8.33	94.70	-494.50	297.27	549.98	535.25	14.74	37.324		
2,300.00	2,276.86	2,216.88	2,162.99	7.08	8.44	94.60	-513.25	315.11	571.81	556.91	14.90	38.382		
2,400.00	2,375.53	2,314.47	2,257.08	7.17	8.57	94.51	-531.99	332.96	593.64	578.55	15.09	39.333		
2,500.00	2,474.20	2,412.05	2,351.17	7.29	8.72	94.43	-550.73	350.81	615.47	600.15	15.32	40.180		
2,600.00	2,572.86	2,509.64	2,445.26	7.41	8.88	94.35	-569.47	368.66	637.30	621.73	15.57	40.925		
2,700.00	2,671.53	2,607.22	2,539.35	7.55	9.06	94.28	-588.22	386.51	659.13	643.27	15.86	41.572		
2,800.00	2,770.20	2,704.80	2,633.44	7.70	9.26	94.21	-606.96	404.36	680.96	664.80	16.16	42.128		
2,900.00	2,868.87	2,802.39	2,727.53	7.86	9.47	94.15	-625.70	422.20	702.80	686.30	16.50	42.600		
3,000.00	2,967.54	2,900.03	2,821.62	8.03	9.70	94.09	-644.44	440.05	724.63	707.78	16.85	42.992		
3,100.00	3,066.21	3,002.44	2,915.71	8.21	9.95	94.03	-663.19	457.90	746.47	729.22	17.24	43.288		
3,200.00	3,164.88	3,095.14	3,009.80	8.40	10.18	93.98	-681.93	475.75	768.30	750.67	17.63	43.572		
3,300.00	3,263.54	3,207.27	3,103.89	8.60	10.48	93.93	-700.67	493.60	790.14	772.05	18.09	43.689		
3,400.00	3,362.21	3,290.31	3,197.98	8.81	10.71	93.88	-719.41	511.45	811.98	793.49	18.49	43.921		
3,500.00	3,460.88	3,387.90	3,292.07	9.02	10.99	93.83	-738.16	529.29	833.81	814.87	18.94	44.026		
3,600.00	3,559.55	3,485.48	3,386.16	9.24	11.28	93.79	-756.90	547.14	855.65	836.24	19.41	44.092		
3,700.00	3,658.22	3,583.06	3,480.25	9.47	11.58	93.75	-775.64	564.99	877.49	857.60	19.89	44.123		
3,800.00	3,756.89	3,680.65	3,574.34	9.70	11.89	93.71	-794.38	582.84	899.33	878.95	20.38	44.125		
3,900.00	3,855.56	3,778.23	3,668.43	9.94	12.20	93.67	-813.13	600.69	921.17	900.28	20.89	44.101		
4,000.00	3,954.22	3,875.82	3,762.52	10.19	12.51	93.64	-831.87	618.53	943.01	921.60	21.41	44.055		
4,100.00	4,052.89	3,973.40	3,856.61	10.44	12.84	93.61	-850.61	636.38	964.85	942.91	21.93	43.991		
4,200.00	4,151.56	4,070.99	3,950.70	10.69	13.17	93.57	-869.35	654.23	986.69	964.22	22.47	43.911		
4,300.00	4,250.23	4,168.57	4,044.79	10.95	13.50	93.54	-888.10	672.08	1,008.53	985.51	23.02	43.817		
4,400.00	4,348.90	4,266.16	4,138.88	11.21	13.84	93.51	-906.84	689.93	1,030.37	1,006.80	23.57	43.713		
4,500.00	4,447.57	4,363.74	4,232.97	11.48	14.18	93.49	-925.58	707.78	1,052.21	1,028.07	24.13	43.599		
4,600.00	4,546.24	4,461.32	4,327.06	11.75	14.53	93.46	-944.32	725.62	1,074.05	1,049.35	24.70	43.478		
4,700.00	4,644.90	4,558.91	4,421.15	12.02	14.88	93.43	-963.07	743.47	1,095.89	1,070.61	25.28	43.351		
4,800.00	4,743.57	4,656.49	4,515.24	12.30	15.24	93.41	-981.81	761.32	1,117.73	1,091.87	25.86	43.219		
4,900.00	4,842.24	4,754.08	4,609.33	12.58	15.59	93.38	-1,000.55	779.17	1,139.57	1,113.12	26.45	43.084		
5,000.00	4,940.91	4,851.66	4,703.42	12.86	15.95	93.36	-1,019.29	797.02	1,161.42	1,134.37	27.04	42.945		
5,100.00	5,039.58	4,949.25	4,797.50	13.14	16.32	93.34	-1,038.04	814.87	1,183.26	1,155.62	27.64	42.805		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,138.25	5,046.83	4,891.59	13.43	16.68	93.32	-1,056.78	832.71	1,205.10	1,176.85	28.25	42.664		
5,300.00	5,236.92	5,144.42	4,985.68	13.71	17.05	93.30	-1,075.52	850.56	1,226.94	1,198.09	28.85	42.522		
5,400.00	5,335.58	5,242.00	5,079.77	14.00	17.42	93.28	-1,094.26	868.41	1,248.79	1,219.32	29.47	42.379		
5,500.00	5,434.25	5,339.59	5,173.86	14.30	17.80	93.26	-1,113.01	886.26	1,270.63	1,240.54	30.08	42.237		
5,600.00	5,532.92	5,437.17	5,267.95	14.59	18.17	93.24	-1,131.75	904.11	1,292.47	1,261.77	30.70	42.096		
5,700.00	5,631.59	5,534.75	5,362.04	14.88	18.55	93.22	-1,150.49	921.96	1,314.31	1,282.99	31.33	41.955		
5,800.00	5,730.26	5,632.34	5,456.13	15.18	18.93	93.20	-1,169.23	939.80	1,336.16	1,304.20	31.95	41.816		
5,900.00	5,828.93	5,729.92	5,550.22	15.48	19.31	93.19	-1,187.98	957.65	1,358.00	1,325.42	32.58	41.678		
6,000.00	5,927.60	5,827.51	5,644.31	15.78	19.69	93.17	-1,206.72	975.50	1,379.84	1,346.63	33.22	41.542		
6,100.00	6,026.27	5,925.09	5,738.40	16.08	20.08	93.15	-1,225.46	993.35	1,401.69	1,367.84	33.85	41.407		
6,200.00	6,124.93	6,022.68	5,832.49	16.38	20.46	93.14	-1,244.20	1,011.20	1,423.53	1,389.04	34.49	41.274		
6,300.00	6,223.60	6,120.26	5,926.58	16.68	20.85	93.12	-1,262.95	1,029.04	1,445.37	1,410.24	35.13	41.143		
6,400.00	6,322.27	6,217.85	6,020.67	16.99	21.24	93.11	-1,281.69	1,046.89	1,467.22	1,431.44	35.77	41.015		
6,500.00	6,420.94	6,315.43	6,114.76	17.29	21.63	93.61	-1,300.43	1,064.74	1,489.06	1,452.65	36.42	40.890		
6,600.00	6,520.52	6,412.33	6,208.19	17.48	22.01	-177.72	-1,319.04	1,082.46	1,511.72	1,474.79	36.93	40.939		
6,700.00	6,620.05	6,506.31	6,298.80	17.60	22.39	-102.23	-1,337.09	1,099.65	1,535.73	1,498.42	37.31	41.161		
6,800.00	6,717.09	6,618.22	6,407.62	17.66	22.71	-96.86	-1,358.85	1,113.11	1,560.64	1,523.02	37.62	41.486		
6,900.00	6,809.23	6,744.07	6,530.52	17.68	22.93	-94.56	-1,383.69	1,105.08	1,585.07	1,547.24	37.83	41.902		
7,000.00	6,894.22	6,881.24	6,659.77	17.66	23.06	-93.02	-1,410.13	1,068.49	1,608.09	1,570.14	37.94	42.384		
7,100.00	6,969.97	7,030.00	6,787.64	17.65	23.09	-91.77	-1,436.68	997.97	1,628.72	1,590.72	38.00	42.861		
7,200.00	7,034.59	7,188.75	6,902.39	17.67	23.02	-90.59	-1,461.00	891.60	1,646.01	1,607.92	38.10	43.203		
7,300.00	7,086.52	7,353.49	6,990.35	17.76	22.88	-89.37	-1,480.28	754.20	1,659.20	1,620.80	38.39	43.215		
7,400.00	7,124.46	7,518.33	7,040.88	17.95	22.68	-88.06	-1,492.24	598.24	1,667.81	1,628.80	39.01	42.752		
7,500.00	7,147.48	7,666.28	7,051.76	18.24	22.51	-86.82	-1,496.11	451.04	1,671.86	1,631.99	39.88	41.925		
7,600.00	7,155.01	7,765.78	7,050.46	18.62	22.45	-86.35	-1,496.98	351.56	1,673.63	1,632.90	40.73	41.095		
7,700.00	7,154.20	7,865.78	7,049.16	19.12	22.50	-86.33	-1,497.86	251.58	1,674.67	1,632.88	41.79	40.074		
7,800.00	7,153.37	7,965.77	7,047.86	19.75	22.80	-86.32	-1,498.74	151.60	1,675.71	1,632.62	43.09	38.885		
7,900.00	7,152.55	8,065.76	7,046.56	20.50	23.40	-86.30	-1,499.62	51.61	1,676.76	1,632.14	44.62	37.582		
8,000.00	7,151.73	8,165.76	7,045.26	21.36	24.23	-86.29	-1,500.50	-48.37	1,677.80	1,631.47	46.33	36.212		
8,100.00	7,150.90	8,265.75	7,043.96	22.30	25.18	-86.27	-1,501.38	-148.35	1,678.84	1,630.62	48.22	34.814		
8,200.00	7,150.08	8,365.74	7,042.67	23.33	26.22	-86.26	-1,502.25	-248.33	1,679.89	1,629.62	50.27	33.419		
8,300.00	7,149.25	8,465.74	7,041.37	24.43	27.32	-86.25	-1,503.13	-348.31	1,680.93	1,628.48	52.45	32.050		
8,400.00	7,148.43	8,565.73	7,040.07	25.59	28.49	-86.23	-1,504.01	-448.29	1,681.97	1,627.22	54.75	30.723		
8,500.00	7,147.60	8,665.73	7,038.77	26.81	29.70	-86.22	-1,504.89	-548.27	1,683.01	1,625.86	57.15	29.449		
8,600.00	7,146.78	8,765.72	7,037.47	28.07	30.95	-86.20	-1,505.77	-648.26	1,684.06	1,624.41	59.65	28.235		
8,700.00	7,145.96	8,865.71	7,036.17	29.38	32.25	-86.19	-1,506.65	-748.24	1,685.10	1,622.88	62.22	27.083		
8,800.00	7,145.13	8,965.71	7,034.87	30.72	33.57	-86.18	-1,507.53	-848.22	1,686.14	1,621.28	64.87	25.994		
8,900.00	7,144.31	9,065.70	7,033.57	32.09	34.92	-86.16	-1,508.41	-948.20	1,687.19	1,619.61	67.58	24.968		
9,000.00	7,143.48	9,165.69	7,032.27	33.49	36.30	-86.15	-1,509.29	-1,048.18	1,688.23	1,617.89	70.34	24.001		
9,100.00	7,142.66	9,265.69	7,030.97	34.92	37.70	-86.14	-1,510.16	-1,148.16	1,689.27	1,616.12	73.15	23.093		
9,200.00	7,141.83	9,365.68	7,029.67	36.36	39.12	-86.12	-1,511.04	-1,248.14	1,690.32	1,614.31	76.01	22.239		
9,300.00	7,141.01	9,465.68	7,028.37	37.83	40.56	-86.11	-1,511.92	-1,348.13	1,691.36	1,612.46	78.90	21.437		
9,400.00	7,140.18	9,565.67	7,027.07	39.31	42.02	-86.09	-1,512.80	-1,448.11	1,692.41	1,610.58	81.83	20.683		
9,500.00	7,139.36	9,665.66	7,025.77	40.80	43.49	-86.08	-1,513.68	-1,548.09	1,693.45	1,608.66	84.79	19.973		
9,600.00	7,138.54	9,765.66	7,024.47	42.31	44.97	-86.07	-1,514.56	-1,648.07	1,694.49	1,606.72	87.77	19.305		
9,700.00	7,137.71	9,865.65	7,023.17	43.84	46.47	-86.05	-1,515.44	-1,748.05	1,695.54	1,604.76	90.78	18.677		
9,800.00	7,136.89	9,965.64	7,021.87	45.37	47.98	-86.04	-1,516.32	-1,848.03	1,696.58	1,602.77	93.82	18.084		
9,900.00	7,136.06	10,065.64	7,020.57	46.91	49.50	-86.03	-1,517.19	-1,948.01	1,697.63	1,600.76	96.87	17.525		
10,000.00	7,135.24	10,165.63	7,019.27	48.46	51.03	-86.01	-1,518.07	-2,048.00	1,698.67	1,598.73	99.94	16.996		
10,100.00	7,134.41	10,265.63	7,017.97	50.02	52.56	-86.00	-1,518.95	-2,147.98	1,699.72	1,596.68	103.03	16.497		
10,200.00	7,133.59	10,365.62	7,016.68	51.59	54.11	-85.99	-1,519.83	-2,247.96	1,700.76	1,594.63	106.14	16.024		
10,300.00	7,132.76	10,465.61	7,015.38	53.16	55.66	-85.97	-1,520.71	-2,347.94	1,701.81	1,592.55	109.25	15.576		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
10,400.00	7,131.94	10,565.61	7,014.08	54.74	57.22	-85.96	-1,521.59	-2,447.92	1,702.85	1,590.47	112.39	15.152		
10,500.00	7,131.12	10,665.60	7,012.78	56.32	58.78	-85.94	-1,522.47	-2,547.90	1,703.90	1,588.37	115.53	14.749		
10,600.00	7,130.29	10,765.59	7,011.48	57.91	60.35	-85.93	-1,523.35	-2,647.88	1,704.94	1,586.26	118.68	14.366		
10,700.00	7,129.47	10,865.59	7,010.18	59.51	61.93	-85.92	-1,524.23	-2,747.87	1,705.99	1,584.14	121.85	14.001		
10,800.00	7,128.64	10,965.58	7,008.88	61.11	63.51	-85.90	-1,525.10	-2,847.85	1,707.03	1,582.01	125.02	13.654		
10,900.00	7,127.82	11,065.58	7,007.58	62.71	65.09	-85.89	-1,525.98	-2,947.83	1,708.08	1,579.88	128.20	13.324		
11,000.00	7,126.99	11,165.57	7,006.28	64.32	66.68	-85.88	-1,526.86	-3,047.81	1,709.12	1,577.74	131.39	13.008		
11,100.00	7,126.17	11,265.56	7,004.98	65.93	68.27	-85.86	-1,527.74	-3,147.79	1,710.17	1,575.58	134.58	12.707		
11,200.00	7,125.34	11,365.56	7,003.68	67.54	69.87	-85.85	-1,528.62	-3,247.77	1,711.21	1,573.43	137.79	12.419		
11,300.00	7,124.52	11,465.55	7,002.38	69.16	71.47	-85.84	-1,529.50	-3,347.75	1,712.26	1,571.26	141.00	12.144		
11,400.00	7,123.70	11,565.54	7,001.08	70.78	73.07	-85.82	-1,530.38	-3,447.74	1,713.31	1,569.09	144.21	11.881		
11,500.00	7,122.87	11,665.54	6,999.78	72.40	74.68	-85.81	-1,531.26	-3,547.72	1,714.35	1,566.92	147.43	11.628		
11,600.00	7,122.05	11,765.53	6,998.48	74.02	76.29	-85.80	-1,532.14	-3,647.70	1,715.40	1,564.74	150.66	11.386		
11,700.00	7,121.22	11,865.53	6,997.18	75.65	77.90	-85.78	-1,533.01	-3,747.68	1,716.44	1,562.56	153.89	11.154		
11,800.00	7,120.40	11,965.52	6,995.88	77.28	79.51	-85.77	-1,533.89	-3,847.66	1,717.49	1,560.37	157.12	10.931		
11,900.00	7,119.57	12,065.51	6,994.58	78.91	81.13	-85.76	-1,534.77	-3,947.64	1,718.54	1,558.17	160.36	10.717		
12,000.00	7,118.75	12,165.51	6,993.28	80.54	82.75	-85.74	-1,535.65	-4,047.62	1,719.58	1,555.98	163.61	10.511		
12,100.00	7,117.92	12,265.50	6,991.98	82.17	84.37	-85.73	-1,536.53	-4,147.61	1,720.63	1,553.78	166.85	10.312		
12,200.00	7,117.10	12,365.49	6,990.69	83.81	85.99	-85.72	-1,537.41	-4,247.59	1,721.68	1,551.57	170.10	10.121		
12,300.00	7,116.28	12,465.49	6,989.39	85.44	87.62	-85.70	-1,538.29	-4,347.57	1,722.72	1,549.37	173.36	9.937		
12,400.00	7,115.45	12,565.48	6,988.09	87.08	89.24	-85.69	-1,539.17	-4,447.55	1,723.77	1,547.16	176.61	9.760		
12,500.00	7,114.63	12,665.48	6,986.79	88.72	90.87	-85.68	-1,540.05	-4,547.53	1,724.82	1,544.94	179.87	9.589		
12,600.00	7,113.80	12,765.47	6,985.49	90.36	92.50	-85.66	-1,540.92	-4,647.51	1,725.86	1,542.73	183.14	9.424		
12,700.00	7,112.98	12,865.46	6,984.19	92.01	94.13	-85.65	-1,541.80	-4,747.49	1,726.91	1,540.51	186.40	9.265		
12,800.00	7,112.15	12,965.46	6,982.89	93.65	95.77	-85.64	-1,542.68	-4,847.48	1,727.96	1,538.29	189.67	9.110		
12,900.00	7,111.33	13,065.45	6,981.59	95.29	97.40	-85.62	-1,543.56	-4,947.46	1,729.01	1,536.07	192.94	8.961		
13,000.00	7,110.50	13,165.44	6,980.29	96.94	99.04	-85.61	-1,544.44	-5,047.44	1,730.05	1,533.84	196.21	8.817		
13,100.00	7,109.68	13,265.44	6,978.99	98.59	100.67	-85.60	-1,545.32	-5,147.42	1,731.10	1,531.62	199.48	8.678		
13,200.00	7,108.86	13,365.43	6,977.69	100.23	102.31	-85.59	-1,546.20	-5,247.40	1,732.15	1,529.39	202.76	8.543		
13,300.00	7,108.03	13,465.42	6,976.39	101.88	103.95	-85.57	-1,547.08	-5,347.38	1,733.20	1,527.16	206.04	8.412		
13,400.00	7,107.21	13,565.42	6,975.09	103.53	105.59	-85.56	-1,547.96	-5,447.36	1,734.24	1,524.92	209.32	8.285		
13,500.00	7,106.38	13,665.41	6,973.79	105.18	107.23	-85.55	-1,548.83	-5,547.35	1,735.29	1,522.69	212.60	8.162		
13,600.00	7,105.56	13,765.41	6,972.49	106.83	108.87	-85.53	-1,549.71	-5,647.33	1,736.34	1,520.46	215.88	8.043		
13,700.00	7,104.73	13,865.40	6,971.19	108.49	110.52	-85.52	-1,550.59	-5,747.31	1,737.39	1,518.22	219.17	7.927		
13,800.00	7,103.91	13,965.39	6,969.89	110.14	112.16	-85.51	-1,551.47	-5,847.29	1,738.43	1,515.98	222.45	7.815		
13,900.00	7,103.09	14,065.39	6,968.59	111.79	113.81	-85.49	-1,552.35	-5,947.27	1,739.48	1,513.74	225.74	7.706		
14,000.00	7,102.26	14,165.38	6,967.29	113.44	115.45	-85.48	-1,553.23	-6,047.25	1,740.53	1,511.50	229.03	7.600		
14,100.00	7,101.44	14,265.37	6,965.99	115.10	117.10	-85.47	-1,554.11	-6,147.23	1,741.58	1,509.26	232.32	7.496		
14,200.00	7,100.61	14,365.37	6,964.70	116.75	118.74	-85.46	-1,554.99	-6,247.22	1,742.63	1,507.01	235.61	7.396		
14,300.00	7,099.79	14,465.36	6,963.40	118.41	120.39	-85.44	-1,555.87	-6,347.20	1,743.68	1,504.77	238.91	7.299		
14,400.00	7,098.96	14,565.36	6,962.10	120.07	122.04	-85.43	-1,556.74	-6,447.18	1,744.73	1,502.53	242.20	7.204		
14,500.00	7,098.14	14,665.35	6,960.80	121.72	123.69	-85.42	-1,557.62	-6,547.16	1,745.77	1,500.28	245.49	7.111		
14,600.00	7,097.31	14,765.34	6,959.50	123.38	125.34	-85.40	-1,558.50	-6,647.14	1,746.82	1,498.03	248.79	7.021		
14,700.00	7,096.49	14,865.34	6,958.20	125.04	126.99	-85.39	-1,559.38	-6,747.12	1,747.87	1,495.78	252.09	6.934		
14,800.00	7,095.67	14,965.33	6,956.90	126.70	128.64	-85.38	-1,560.26	-6,847.10	1,748.92	1,493.53	255.39	6.848		
14,900.00	7,094.84	15,065.32	6,955.60	128.35	130.29	-85.37	-1,561.14	-6,947.09	1,749.97	1,491.29	258.68	6.765		
15,000.00	7,094.02	15,165.32	6,954.30	130.01	131.95	-85.35	-1,562.02	-7,047.07	1,751.02	1,489.03	261.98	6.684		
15,100.00	7,093.19	15,265.31	6,953.00	131.67	133.60	-85.34	-1,562.90	-7,147.05	1,752.07	1,486.78	265.28	6.605		
15,101.99	7,093.18	15,267.30	6,952.97	131.71	133.63	-85.34	-1,562.91	-7,149.04	1,752.09	1,486.74	265.35	6.603 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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-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	175.32	-159.57	13.07	160.10					
100.00	100.00	102.00	102.00	3.28	3.28	175.32	-159.57	13.07	160.10	152.57	7.53	21.264		
200.00	200.00	202.00	202.00	3.31	3.31	175.32	-159.57	13.07	160.10	152.53	7.57	21.137		
200.00	200.00	202.00	202.00	3.31	3.31	175.32	-159.57	13.07	160.10	152.53	7.57	21.137	CC, ES	
300.00	300.00	299.56	299.55	3.35	3.35	94.31	-159.98	13.52	160.61	152.95	7.66	20.970		
400.00	399.93	395.54	395.46	3.41	3.40	94.56	-162.41	16.18	163.62	155.85	7.77	21.049		
500.00	499.68	491.32	491.00	3.50	3.48	95.13	-167.00	21.20	169.36	161.43	7.93	21.356		
600.00	599.13	586.78	585.94	3.61	3.58	95.94	-173.70	28.55	177.85	169.71	8.14	21.862		
700.00	698.15	681.81	680.06	3.76	3.71	96.93	-182.49	38.17	189.11	180.72	8.39	22.527		
800.00	796.83	776.35	773.22	3.93	3.88	97.94	-193.32	50.03	203.00	194.29	8.71	23.299		
900.00	895.50	870.35	865.28	4.14	4.09	98.25	-206.14	64.07	219.14	210.06	9.08	24.129		
1,000.00	994.17	965.13	957.45	4.36	4.34	97.98	-221.03	80.38	237.36	227.86	9.51	24.972		
1,100.00	1,092.84	1,063.34	1,052.76	4.61	4.65	97.61	-236.98	97.85	256.15	246.15	10.00	25.624		
1,200.00	1,191.50	1,161.55	1,148.08	4.87	4.98	97.29	-252.94	115.32	274.94	264.42	10.53	26.122		
1,300.00	1,290.17	1,259.75	1,243.39	5.14	5.33	97.01	-268.89	132.79	293.75	282.66	11.09	26.497		
1,400.00	1,388.84	1,357.96	1,338.71	5.43	5.70	96.76	-284.84	150.26	312.55	300.88	11.67	26.773		
1,500.00	1,487.51	1,456.17	1,434.02	5.73	6.09	96.54	-300.79	167.73	331.37	319.09	12.28	26.983		
1,600.00	1,586.18	1,554.38	1,529.34	6.03	6.49	96.34	-316.75	185.20	350.18	337.27	12.91	27.121		
1,700.00	1,684.85	1,652.58	1,624.65	6.34	6.90	96.17	-332.70	202.67	369.00	355.45	13.56	27.219		
1,800.00	1,783.52	1,750.79	1,719.97	6.66	7.32	96.01	-348.65	220.14	387.83	373.61	14.22	27.282		
1,900.00	1,882.18	1,849.00	1,815.28	6.84	7.65	95.87	-364.61	237.61	406.65	392.38	14.28	28.483		
2,000.00	1,980.85	1,947.20	1,910.60	6.87	7.80	95.74	-380.56	255.09	425.48	411.05	14.43	29.485		
2,100.00	2,079.52	2,045.41	2,005.91	6.93	7.87	95.61	-396.51	272.56	444.31	429.78	14.53	30.581		
2,200.00	2,178.19	2,143.62	2,101.22	6.99	7.95	95.50	-412.47	290.03	463.14	448.48	14.66	31.590		
2,300.00	2,276.86	2,241.82	2,196.54	7.08	8.06	95.40	-428.42	307.50	481.98	467.15	14.83	32.510		
2,400.00	2,375.53	2,340.03	2,291.85	7.17	8.18	95.31	-444.37	324.97	500.81	485.79	15.02	33.340		
2,500.00	2,474.20	2,438.24	2,387.17	7.29	8.32	95.22	-460.32	342.44	519.65	504.40	15.25	34.082		
2,600.00	2,572.86	2,536.45	2,482.48	7.41	8.48	95.14	-476.28	359.91	538.48	522.98	15.50	34.737		
2,700.00	2,671.53	2,634.65	2,577.80	7.55	8.65	95.07	-492.23	377.38	557.32	541.54	15.78	35.310		
2,800.00	2,770.20	2,732.86	2,673.11	7.70	8.84	94.99	-508.18	394.85	576.16	560.07	16.09	35.806		
2,900.00	2,868.87	2,831.07	2,768.43	7.86	9.04	94.93	-524.14	412.32	595.00	578.58	16.42	36.230		
3,000.00	2,967.54	2,929.27	2,863.74	8.03	9.26	94.87	-540.09	429.79	613.84	597.06	16.78	36.588		
3,100.00	3,066.21	3,027.48	2,959.06	8.21	9.48	94.81	-556.04	447.26	632.68	615.53	17.15	36.885		
3,200.00	3,164.88	3,125.69	3,054.37	8.40	9.72	94.75	-572.00	464.74	651.52	633.98	17.55	37.128		
3,300.00	3,263.54	3,223.90	3,149.69	8.60	9.97	94.70	-587.95	482.21	670.37	652.40	17.96	37.321		
3,400.00	3,362.21	3,322.10	3,245.00	8.81	10.23	94.65	-603.90	499.68	689.21	670.82	18.39	37.471		
3,500.00	3,460.88	3,420.31	3,340.32	9.02	10.49	94.60	-619.86	517.15	708.05	689.21	18.84	37.581		
3,600.00	3,559.55	3,518.52	3,435.63	9.24	10.77	94.56	-635.81	534.62	726.90	707.59	19.30	37.658		
3,700.00	3,658.22	3,616.72	3,530.95	9.47	11.05	94.52	-651.76	552.09	745.74	725.96	19.78	37.705		
3,800.00	3,756.89	3,714.93	3,626.26	9.70	11.34	94.48	-667.71	569.56	764.59	744.32	20.27	37.727		
3,900.00	3,855.56	3,813.14	3,721.57	9.94	11.64	94.44	-683.67	587.03	783.43	762.66	20.77	37.725		
4,000.00	3,954.22	3,911.34	3,816.89	10.19	11.94	94.41	-699.62	604.50	802.27	781.00	21.28	37.705		
4,100.00	4,052.89	4,009.55	3,912.20	10.44	12.25	94.37	-715.57	621.97	821.12	799.32	21.80	37.668		
4,200.00	4,151.56	4,107.76	4,007.52	10.69	12.56	94.34	-731.53	639.44	839.97	817.64	22.33	37.616		
4,300.00	4,250.23	4,205.97	4,102.83	10.95	12.88	94.31	-747.48	656.91	858.81	835.94	22.87	37.553		
4,400.00	4,348.90	4,304.17	4,198.15	11.21	13.20	94.28	-763.43	674.39	877.66	854.24	23.42	37.479		
4,500.00	4,447.57	4,402.38	4,293.46	11.48	13.53	94.25	-779.39	691.86	896.50	872.53	23.97	37.397		
4,600.00	4,546.24	4,500.59	4,388.78	11.75	13.86	94.22	-795.34	709.33	915.35	890.82	24.53	37.308		
4,700.00	4,644.90	4,601.21	4,484.09	12.02	14.20	94.19	-811.29	726.80	934.20	909.09	25.11	37.202		
4,800.00	4,743.57	4,697.00	4,579.41	12.30	14.53	94.17	-827.25	744.27	953.04	927.37	25.68	37.114		
4,900.00	4,842.24	4,795.21	4,674.72	12.58	14.87	94.14	-843.20	761.74	971.89	945.63	26.26	37.011		
5,000.00	4,940.91	4,906.59	4,770.04	12.86	15.26	94.12	-859.15	779.21	990.74	963.85	26.89	36.848		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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-1B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,039.58	5,008.38	4,865.35	13.14	15.62	94.10	-875.10	796.68	1,009.59	982.10	27.49	36.725		
5,200.00	5,138.25	5,089.83	4,960.67	13.43	15.91	94.08	-891.06	814.15	1,028.43	1,000.40	28.03	36.687		
5,300.00	5,236.92	5,188.04	5,055.98	13.71	16.26	94.05	-907.01	831.62	1,047.28	1,018.65	28.63	36.576		
5,400.00	5,335.58	5,286.24	5,151.30	14.00	16.61	94.03	-922.96	849.09	1,066.13	1,036.89	29.24	36.465		
5,500.00	5,434.25	5,384.45	5,246.61	14.30	16.97	94.01	-938.92	866.57	1,084.98	1,055.13	29.85	36.353		
5,600.00	5,532.92	5,482.66	5,341.92	14.59	17.33	94.00	-954.87	884.04	1,103.83	1,073.37	30.46	36.242		
5,700.00	5,631.59	5,580.86	5,437.24	14.88	17.68	93.98	-970.82	901.51	1,122.67	1,091.60	31.07	36.131		
5,800.00	5,730.26	5,679.07	5,532.55	15.18	18.05	93.96	-986.78	918.98	1,141.52	1,109.83	31.69	36.020		
5,900.00	5,828.93	5,777.28	5,627.87	15.48	18.41	93.94	-1,002.73	936.45	1,160.37	1,128.06	32.31	35.911		
6,000.00	5,927.60	5,875.49	5,723.18	15.78	18.77	93.93	-1,018.68	953.92	1,179.22	1,146.28	32.94	35.802		
6,100.00	6,026.27	5,973.69	5,818.50	16.08	19.14	93.91	-1,034.64	971.39	1,198.07	1,164.50	33.56	35.695		
6,200.00	6,124.93	6,071.90	5,913.81	16.38	19.50	93.89	-1,050.59	988.86	1,216.92	1,182.72	34.19	35.589		
6,300.00	6,223.60	6,170.11	6,009.13	16.68	19.87	93.88	-1,066.54	1,006.33	1,235.77	1,200.94	34.83	35.484		
6,400.00	6,322.27	6,268.31	6,104.44	16.99	20.24	93.86	-1,082.49	1,023.80	1,254.61	1,219.15	35.46	35.381		
6,500.00	6,420.94	6,366.52	6,199.76	17.29	20.61	94.35	-1,098.45	1,041.27	1,273.47	1,237.37	36.10	35.281		
6,600.00	6,520.52	6,464.09	6,294.45	17.48	20.98	-177.32	-1,114.30	1,058.63	1,293.04	1,256.45	36.59	35.335		
6,700.00	6,620.05	6,558.82	6,386.39	17.60	21.34	-102.29	-1,129.69	1,075.48	1,313.91	1,276.94	36.96	35.545		
6,800.00	6,717.09	6,663.87	6,488.90	17.66	21.64	-97.42	-1,146.88	1,090.16	1,336.02	1,298.79	37.23	35.883		
6,900.00	6,809.23	6,784.79	6,607.90	17.68	21.85	-95.68	-1,167.03	1,086.66	1,358.14	1,320.73	37.41	36.306		
7,000.00	6,894.22	6,917.15	6,734.75	17.66	21.98	-94.71	-1,188.75	1,056.80	1,379.32	1,341.82	37.49	36.790		
7,100.00	6,969.97	7,061.92	6,863.20	17.65	22.01	-94.01	-1,211.04	994.54	1,398.58	1,361.07	37.51	37.283		
7,200.00	7,034.59	7,218.53	6,982.59	17.67	21.95	-93.35	-1,232.13	896.05	1,414.91	1,377.35	37.56	37.675		
7,300.00	7,086.52	7,383.88	7,078.91	17.76	21.82	-92.56	-1,249.64	763.37	1,427.36	1,389.58	37.78	37.782		
7,400.00	7,124.46	7,552.37	7,139.10	17.95	21.66	-91.57	-1,261.26	606.96	1,435.33	1,396.99	38.34	37.439		
7,500.00	7,147.48	7,714.85	7,156.97	18.24	21.55	-90.41	-1,265.76	445.96	1,438.65	1,399.40	39.24	36.660		
7,600.00	7,155.01	7,814.38	7,156.01	18.62	21.57	-89.96	-1,266.52	346.44	1,439.74	1,399.67	40.07	35.933		
7,700.00	7,154.20	7,914.37	7,155.06	19.12	21.77	-89.95	-1,267.28	246.45	1,440.63	1,399.52	41.11	35.041		
7,800.00	7,153.37	8,014.37	7,154.10	19.75	22.21	-89.95	-1,268.04	146.46	1,441.53	1,399.12	42.40	33.996		
7,900.00	7,152.55	8,114.37	7,153.14	20.50	22.88	-89.94	-1,268.80	46.48	1,442.42	1,398.51	43.92	32.845		
8,000.00	7,151.73	8,214.36	7,152.18	21.36	23.72	-89.93	-1,269.56	-53.51	1,443.32	1,397.69	45.63	31.633		
8,100.00	7,150.90	8,314.36	7,151.23	22.30	24.67	-89.93	-1,270.32	-153.50	1,444.21	1,396.70	47.52	30.394		
8,200.00	7,150.08	8,414.35	7,150.27	23.33	25.70	-89.92	-1,271.08	-253.49	1,445.11	1,395.54	49.56	29.157		
8,300.00	7,149.25	8,514.35	7,149.31	24.43	26.80	-89.92	-1,271.84	-353.48	1,446.00	1,394.26	51.75	27.944		
8,400.00	7,148.43	8,614.35	7,148.36	25.59	27.97	-89.91	-1,272.60	-453.47	1,446.90	1,392.85	54.05	26.769		
8,500.00	7,147.60	8,714.34	7,147.40	26.81	29.18	-89.91	-1,273.36	-553.45	1,447.79	1,391.33	56.46	25.641		
8,600.00	7,146.78	8,814.34	7,146.44	28.07	30.43	-89.90	-1,274.12	-653.44	1,448.69	1,389.72	58.97	24.568		
8,700.00	7,145.96	8,914.33	7,145.48	29.38	31.73	-89.90	-1,274.88	-753.43	1,449.58	1,388.03	61.55	23.551		
8,800.00	7,145.13	9,014.33	7,144.53	30.72	33.05	-89.89	-1,275.64	-853.42	1,450.48	1,386.27	64.21	22.590		
8,900.00	7,144.31	9,114.33	7,143.57	32.09	34.41	-89.89	-1,276.40	-953.41	1,451.37	1,384.45	66.93	21.686		
9,000.00	7,143.48	9,214.32	7,142.61	33.49	35.79	-89.88	-1,277.16	-1,053.40	1,452.27	1,382.57	69.70	20.835		
9,100.00	7,142.66	9,314.32	7,141.65	34.92	37.19	-89.88	-1,277.92	-1,153.39	1,453.16	1,380.64	72.53	20.037		
9,200.00	7,141.83	9,414.31	7,140.70	36.36	38.62	-89.87	-1,278.68	-1,253.37	1,454.06	1,378.67	75.39	19.286		
9,300.00	7,141.01	9,514.31	7,139.74	37.83	40.06	-89.87	-1,279.43	-1,353.36	1,454.95	1,376.65	78.30	18.582		
9,400.00	7,140.18	9,614.31	7,138.78	39.31	41.52	-89.86	-1,280.19	-1,453.35	1,455.85	1,374.61	81.24	17.921		
9,500.00	7,139.36	9,714.30	7,137.82	40.80	43.00	-89.86	-1,280.95	-1,553.34	1,456.74	1,372.53	84.21	17.299		
9,600.00	7,138.54	9,814.30	7,136.87	42.31	44.49	-89.85	-1,281.71	-1,653.33	1,457.64	1,370.43	87.21	16.715		
9,700.00	7,137.71	9,914.29	7,135.91	43.84	45.99	-89.85	-1,282.47	-1,753.32	1,458.53	1,368.30	90.23	16.164		
9,800.00	7,136.89	10,014.29	7,134.95	45.37	47.51	-89.84	-1,283.23	-1,853.30	1,459.43	1,366.15	93.28	15.646		
9,900.00	7,136.06	10,114.28	7,133.99	46.91	49.03	-89.84	-1,283.99	-1,953.29	1,460.32	1,363.98	96.34	15.158		
10,000.00	7,135.24	10,214.28	7,133.04	48.46	50.56	-89.83	-1,284.75	-2,053.28	1,461.22	1,361.79	99.43	14.696		
10,100.00	7,134.41	10,314.28	7,132.08	50.02	52.10	-89.83	-1,285.51	-2,153.27	1,462.11	1,359.59	102.53	14.261		
10,200.00	7,133.59	10,414.27	7,131.12	51.59	53.65	-89.82	-1,286.27	-2,253.26	1,463.01	1,357.37	105.64	13.848		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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-1B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,132.76	10,514.27	7,130.16	53.16	55.21	-89.82	-1,287.03	-2,353.25	1,463.91	1,355.13	108.77	13.458		
10,400.00	7,131.94	10,614.26	7,129.21	54.74	56.77	-89.81	-1,287.79	-2,453.23	1,464.80	1,352.88	111.92	13.088		
10,500.00	7,131.12	10,714.26	7,128.25	56.32	58.34	-89.81	-1,288.55	-2,553.22	1,465.70	1,350.62	115.07	12.737		
10,600.00	7,130.29	10,814.26	7,127.29	57.91	59.91	-89.80	-1,289.31	-2,653.21	1,466.59	1,348.35	118.24	12.404		
10,700.00	7,129.47	10,914.25	7,126.33	59.51	61.49	-89.80	-1,290.07	-2,753.20	1,467.49	1,346.07	121.41	12.087		
10,800.00	7,128.64	11,014.25	7,125.38	61.11	63.07	-89.79	-1,290.83	-2,853.19	1,468.38	1,343.78	124.60	11.785		
10,900.00	7,127.82	11,114.24	7,124.42	62.71	64.66	-89.79	-1,291.59	-2,953.18	1,469.28	1,341.49	127.79	11.498		
11,000.00	7,126.99	11,214.24	7,123.46	64.32	66.25	-89.78	-1,292.35	-3,053.17	1,470.17	1,339.18	130.99	11.223		
11,100.00	7,126.17	11,314.24	7,122.50	65.93	67.85	-89.78	-1,293.11	-3,153.15	1,471.07	1,336.87	134.20	10.962		
11,200.00	7,125.34	11,414.23	7,121.55	67.54	69.45	-89.77	-1,293.87	-3,253.14	1,471.96	1,334.55	137.41	10.712		
11,300.00	7,124.52	11,514.23	7,120.59	69.16	71.05	-89.77	-1,294.63	-3,353.13	1,472.86	1,332.22	140.64	10.473		
11,400.00	7,123.70	11,614.22	7,119.63	70.78	72.66	-89.76	-1,295.39	-3,453.12	1,473.75	1,329.89	143.86	10.244		
11,500.00	7,122.87	11,714.22	7,118.67	72.40	74.27	-89.75	-1,296.15	-3,553.11	1,474.65	1,327.55	147.10	10.025		
11,600.00	7,122.05	11,814.22	7,117.72	74.02	75.88	-89.75	-1,296.91	-3,653.10	1,475.55	1,325.21	150.33	9.815		
11,700.00	7,121.22	11,914.21	7,116.76	75.65	77.50	-89.74	-1,297.67	-3,753.08	1,476.44	1,322.87	153.58	9.614		
11,800.00	7,120.40	12,014.21	7,115.80	77.28	79.11	-89.74	-1,298.43	-3,853.07	1,477.34	1,320.51	156.82	9.420		
11,900.00	7,119.57	12,114.20	7,114.84	78.91	80.73	-89.73	-1,299.19	-3,953.06	1,478.23	1,318.16	160.07	9.235		
12,000.00	7,118.75	12,214.20	7,113.89	80.54	82.35	-89.73	-1,299.95	-4,053.05	1,479.13	1,315.80	163.33	9.056		
12,100.00	7,117.92	12,314.19	7,112.93	82.17	83.98	-89.72	-1,300.71	-4,153.04	1,480.02	1,313.43	166.59	8.884		
12,200.00	7,117.10	12,414.19	7,111.97	83.81	85.60	-89.72	-1,301.47	-4,253.03	1,480.92	1,311.07	169.85	8.719		
12,300.00	7,116.28	12,514.19	7,111.01	85.44	87.23	-89.71	-1,302.23	-4,353.02	1,481.81	1,308.70	173.12	8.560		
12,400.00	7,115.45	12,614.18	7,110.06	87.08	88.86	-89.71	-1,302.99	-4,453.00	1,482.71	1,306.32	176.38	8.406		
12,500.00	7,114.63	12,714.18	7,109.10	88.72	90.49	-89.71	-1,303.75	-4,552.99	1,483.60	1,303.95	179.66	8.258		
12,600.00	7,113.80	12,814.17	7,108.14	90.36	92.12	-89.70	-1,304.51	-4,652.98	1,484.50	1,301.57	182.93	8.115		
12,700.00	7,112.98	12,914.17	7,107.18	92.01	93.76	-89.70	-1,305.27	-4,752.97	1,485.40	1,299.19	186.21	7.977		
12,800.00	7,112.15	13,014.17	7,106.23	93.65	95.39	-89.69	-1,306.03	-4,852.96	1,486.29	1,296.80	189.49	7.844		
12,900.00	7,111.33	13,114.16	7,105.27	95.29	97.03	-89.69	-1,306.79	-4,952.95	1,487.19	1,294.42	192.77	7.715		
13,000.00	7,110.50	13,214.16	7,104.31	96.94	98.66	-89.68	-1,307.55	-5,052.93	1,488.08	1,292.03	196.06	7.590		
13,100.00	7,109.68	13,314.15	7,103.35	98.59	100.30	-89.68	-1,308.31	-5,152.92	1,488.98	1,289.64	199.34	7.469		
13,200.00	7,108.86	13,414.15	7,102.40	100.23	101.94	-89.67	-1,309.07	-5,252.91	1,489.87	1,287.24	202.63	7.353		
13,300.00	7,108.03	13,514.15	7,101.44	101.88	103.58	-89.67	-1,309.83	-5,352.90	1,490.77	1,284.85	205.92	7.239		
13,400.00	7,107.21	13,614.14	7,100.48	103.53	105.23	-89.66	-1,310.58	-5,452.89	1,491.66	1,282.45	209.21	7.130		
13,500.00	7,106.38	13,714.14	7,099.53	105.18	106.87	-89.66	-1,311.34	-5,552.88	1,492.56	1,280.05	212.51	7.024		
13,600.00	7,105.56	13,814.13	7,098.57	106.83	108.51	-89.65	-1,312.10	-5,652.86	1,493.46	1,277.65	215.80	6.920		
13,700.00	7,104.73	13,914.13	7,097.61	108.49	110.16	-89.65	-1,312.86	-5,752.85	1,494.35	1,275.25	219.10	6.820		
13,800.00	7,103.91	14,014.13	7,096.65	110.14	111.80	-89.64	-1,313.62	-5,852.84	1,495.25	1,272.85	222.40	6.723		
13,900.00	7,103.09	14,114.12	7,095.70	111.79	113.45	-89.64	-1,314.38	-5,952.83	1,496.14	1,270.44	225.70	6.629		
14,000.00	7,102.26	14,214.12	7,094.74	113.44	115.10	-89.63	-1,315.14	-6,052.82	1,497.04	1,268.03	229.00	6.537		
14,100.00	7,101.44	14,314.11	7,093.78	115.10	116.74	-89.63	-1,315.90	-6,152.81	1,497.93	1,265.63	232.31	6.448		
14,200.00	7,100.61	14,414.11	7,092.82	116.75	118.39	-89.62	-1,316.66	-6,252.80	1,498.83	1,263.22	235.61	6.361		
14,300.00	7,099.79	14,514.10	7,091.87	118.41	120.04	-89.62	-1,317.42	-6,352.78	1,499.73	1,260.81	238.92	6.277		
14,400.00	7,098.96	14,614.10	7,090.91	120.07	121.69	-89.61	-1,318.18	-6,452.77	1,500.62	1,258.40	242.23	6.195		
14,500.00	7,098.14	14,714.10	7,089.95	121.72	123.34	-89.61	-1,318.94	-6,552.76	1,501.52	1,255.98	245.53	6.115		
14,600.00	7,097.31	14,814.09	7,088.99	123.38	125.00	-89.60	-1,319.70	-6,652.75	1,502.41	1,253.57	248.84	6.038		
14,700.00	7,096.49	14,914.09	7,088.04	125.04	126.65	-89.60	-1,320.46	-6,752.74	1,503.31	1,251.16	252.15	5.962		
14,800.00	7,095.67	15,014.08	7,087.08	126.70	128.30	-89.59	-1,321.22	-6,852.73	1,504.20	1,248.74	255.46	5.888		
14,900.00	7,094.84	15,114.08	7,086.12	128.35	129.95	-89.59	-1,321.98	-6,952.71	1,505.10	1,246.32	258.78	5.816		
15,000.00	7,094.02	15,214.08	7,085.16	130.01	131.61	-89.58	-1,322.74	-7,052.70	1,506.00	1,243.91	262.09	5.746		
15,100.00	7,093.19	15,314.07	7,084.21	131.67	133.26	-89.58	-1,323.50	-7,152.69	1,506.89	1,241.49	265.40	5.678		
15,101.99	7,093.18	15,316.06	7,084.19	131.71	133.29	-89.58	-1,323.52	-7,154.68	1,506.91	1,241.44	265.47	5.676 SF		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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																			
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	-3.97	20.04	-1.39	20.09	12.56	7.53	2.668														
100.00	100.00	100.00	100.00	3.28	3.28	-3.97	20.04	-1.39	20.09	12.56	7.53	2.668														
200.00	200.00	200.00	200.00	3.31	3.31	-3.97	20.04	-1.39	20.09	12.51	7.57	2.652														
254.74	254.74	254.74	254.74	3.33	3.33	-85.71	20.04	-1.39	20.06	12.45	7.62	2.634	CC, ES													
300.00	300.00	299.90	299.89	3.35	3.35	-85.02	20.20	-0.99	20.18	12.52	7.66	2.634														
400.00	399.93	399.68	399.61	3.41	3.41	-85.42	21.46	2.25	20.91	13.13	7.79	2.686														
500.00	499.68	499.46	499.14	3.50	3.50	-86.14	23.99	8.72	22.38	14.43	7.96	2.813														
600.00	599.13	599.21	598.35	3.61	3.62	-87.06	27.78	18.41	24.59	16.41	8.18	3.006														
700.00	698.15	698.94	697.10	3.76	3.76	-88.05	32.82	31.30	27.55	19.08	8.47	3.253														
800.00	796.83	801.19	795.63	3.93	3.94	-88.63	38.77	46.54	31.04	22.22	8.83	3.517														
900.00	895.50	901.25	894.20	4.14	4.14	-89.02	44.77	61.88	34.56	25.33	9.23	3.744														
1,000.00	994.17	1,001.31	992.77	4.36	4.37	-89.34	50.77	77.23	38.09	28.40	9.68	3.933														
1,100.00	1,092.84	1,101.37	1,091.34	4.61	4.61	-89.60	56.77	92.58	41.61	31.44	10.17	4.090														
1,200.00	1,191.50	1,198.56	1,189.91	4.87	4.86	-89.82	62.77	107.92	45.14	34.45	10.69	4.223														
1,300.00	1,290.17	1,301.50	1,288.48	5.14	5.15	-90.01	68.77	123.27	48.67	37.42	11.24	4.328														
1,400.00	1,388.84	1,401.56	1,387.05	5.43	5.43	-90.17	74.76	138.62	52.19	40.37	11.82	4.417														
1,500.00	1,487.51	1,501.62	1,485.62	5.73	5.73	-90.32	80.76	153.96	55.72	43.31	12.41	4.490														
1,600.00	1,586.18	1,601.68	1,584.19	6.03	6.04	-90.44	86.76	169.31	59.25	46.23	13.02	4.551														
1,700.00	1,684.85	1,701.75	1,682.76	6.34	6.35	-90.55	92.76	184.66	62.77	49.13	13.64	4.602														
1,800.00	1,783.52	1,801.81	1,781.33	6.66	6.67	-90.65	98.76	200.00	66.30	52.03	14.28	4.645														
1,900.00	1,882.18	1,898.13	1,879.90	6.84	6.83	-90.74	104.76	215.35	69.83	55.59	14.24	4.905														
2,000.00	1,980.85	2,001.93	1,978.47	6.87	6.87	-90.82	110.76	230.70	73.36	59.04	14.31	5.125														
2,100.00	2,079.52	2,102.00	2,077.04	6.93	6.93	-90.90	116.76	246.04	76.89	62.47	14.42	5.332														
2,200.00	2,178.19	2,202.06	2,175.61	6.99	7.00	-90.96	122.75	261.39	80.41	65.86	14.56	5.525														
2,300.00	2,276.86	2,302.12	2,274.18	7.08	7.08	-91.03	128.75	276.73	83.94	69.22	14.72	5.702														
2,400.00	2,375.53	2,402.18	2,372.75	7.17	7.18	-91.08	134.75	292.08	87.47	72.55	14.92	5.864														
2,500.00	2,474.20	2,502.25	2,471.32	7.29	7.29	-91.14	140.75	307.43	91.00	75.86	15.14	6.011														
2,600.00	2,572.86	2,602.31	2,569.89	7.41	7.41	-91.18	146.75	322.77	94.53	79.14	15.39	6.143														
2,700.00	2,671.53	2,697.63	2,668.46	7.55	7.55	-91.23	152.75	338.12	98.06	82.40	15.66	6.263														
2,800.00	2,770.20	2,802.43	2,767.03	7.70	7.70	-91.27	158.75	353.47	101.59	85.63	15.96	6.365														
2,900.00	2,868.87	2,897.51	2,865.60	7.86	7.85	-91.31	164.75	368.81	105.12	88.84	16.27	6.460														
3,000.00	2,967.54	3,002.56	2,964.17	8.03	8.03	-91.35	170.74	384.16	108.64	92.02	16.62	6.536														
3,100.00	3,066.21	3,102.62	3,062.74	8.21	8.21	-91.38	176.74	399.51	112.17	95.19	16.98	6.605														
3,200.00	3,164.88	3,202.68	3,161.31	8.40	8.40	-91.41	182.74	414.85	115.70	98.34	17.36	6.664														
3,300.00	3,263.54	3,302.74	3,259.88	8.60	8.60	-91.44	188.74	430.20	119.23	101.47	17.76	6.714														
3,400.00	3,362.21	3,402.81	3,358.45	8.81	8.81	-91.47	194.74	445.55	122.76	104.59	18.17	6.755														
3,500.00	3,460.88	3,502.87	3,457.02	9.02	9.02	-91.50	200.74	460.89	126.29	107.69	18.60	6.790														
3,600.00	3,559.55	3,602.93	3,555.59	9.24	9.24	-91.52	206.74	476.24	129.82	110.78	19.04	6.818														
3,700.00	3,658.22	3,702.99	3,654.16	9.47	9.47	-91.55	212.74	491.59	133.35	113.85	19.50	6.840														
3,800.00	3,756.89	3,803.06	3,752.73	9.70	9.71	-91.57	218.73	506.93	136.88	116.91	19.96	6.856														
3,900.00	3,855.56	3,903.12	3,851.30	9.94	9.94	-91.59	224.73	522.28	140.41	119.96	20.44	6.869														
4,000.00	3,954.22	4,003.18	3,949.87	10.19	10.19	-91.61	230.73	537.63	143.93	123.01	20.93	6.877														
4,100.00	4,052.89	4,103.24	4,048.44	10.44	10.44	-91.63	236.73	552.97	147.46	126.04	21.43	6.882														
4,200.00	4,151.56	4,203.30	4,147.01	10.69	10.69	-91.65	242.73	568.32	150.99	129.06	21.93	6.884														
4,300.00	4,250.23	4,303.37	4,245.58	10.95	10.95	-91.67	248.73	583.67	154.52	132.07	22.45	6.883														
4,400.00	4,348.90	4,403.43	4,344.15	11.21	11.21	-91.68	254.73	599.01	158.05	135.08	22.97	6.880														
4,500.00	4,447.57	4,496.51	4,442.72	11.48	11.46	-91.70	260.73	614.36	161.58	138.10	23.48	6.880														
4,600.00	4,546.24	4,603.55	4,541.29	11.75	11.75	-91.72	266.73	629.70	165.11	141.07	24.04	6.868														
4,700.00	4,644.90	4,703.62	4,639.86	12.02	12.02	-91.73	272.72	645.05	168.64	144.06	24.58	6.860														
4,800.00	4,743.57	4,796.32	4,738.43	12.30	12.27	-91.75	278.72	660.40	172.17	147.06	25.11	6.856														
4,900.00	4,842.24	4,903.74	4,837.00	12.58	12.57	-91.76	284.72	675.74	175.70	150.01	25.69	6.840														
5,000.00	4,940.91	4,996.20	4,935.57	12.86	12.83	-91.77	290.72	691.09	179.23	153.00	26.23	6.834														

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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:	
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	
5,100.00	5,039.58	5,103.87	5,034.14	13.14	13.13	-91.78	296.72	706.44	182.76	155.94	26.81	6.816	
5,200.00	5,138.25	5,203.93	5,132.71	13.43	13.42	-91.80	302.72	721.78	186.29	158.90	27.38	6.803	
5,300.00	5,236.92	5,303.99	5,231.28	13.71	13.71	-91.81	308.72	737.13	189.82	161.86	27.96	6.790	
5,400.00	5,335.58	5,404.05	5,329.85	14.00	14.00	-91.82	314.72	752.48	193.35	164.81	28.53	6.776	
5,500.00	5,434.25	5,504.11	5,428.42	14.30	14.29	-91.83	320.71	767.82	196.87	167.76	29.11	6.762	
5,600.00	5,532.92	5,604.18	5,526.99	14.59	14.58	-91.84	326.71	783.17	200.40	170.71	29.70	6.748	
5,700.00	5,631.59	5,704.24	5,625.56	14.88	14.87	-91.85	332.71	798.52	203.93	173.65	30.29	6.733	
5,800.00	5,730.26	5,804.30	5,724.13	15.18	15.17	-91.86	338.71	813.86	207.46	176.58	30.88	6.719	
5,900.00	5,828.93	5,904.36	5,822.70	15.48	15.47	-91.87	344.71	829.21	210.99	179.52	31.47	6.704	
6,000.00	5,927.60	6,004.43	5,921.27	15.78	15.77	-91.88	350.71	844.56	214.52	182.45	32.07	6.689	
6,100.00	6,026.27	6,104.49	6,019.84	16.08	16.07	-91.89	356.71	859.90	218.05	185.38	32.67	6.675	
6,200.00	6,124.93	6,195.45	6,118.41	16.38	16.34	-91.90	362.71	875.25	221.58	188.34	33.24	6.665	
6,300.00	6,223.60	6,304.61	6,216.98	16.68	16.67	-91.91	368.70	890.60	225.11	191.24	33.87	6.645	
6,400.00	6,322.27	6,404.68	6,315.55	16.99	16.97	-91.91	374.70	905.94	228.64	194.16	34.48	6.631	
6,500.00	6,420.94	6,495.26	6,414.12	17.29	17.25	-91.51	380.70	921.29	232.17	197.11	35.06	6.622	
6,600.00	6,520.52	6,594.79	6,512.29	17.48	17.55	-2.72	386.68	936.57	234.18	198.60	35.57	6.583	
6,700.00	6,620.05	6,691.47	6,607.67	17.60	17.84	76.85	392.48	951.17	235.01	199.02	35.99	6.530	
6,800.00	6,717.09	6,787.24	6,703.06	17.66	18.03	87.70	398.27	956.01	238.26	202.10	36.16	6.589	
6,900.00	6,809.23	6,887.45	6,802.46	17.68	18.15	95.40	404.27	945.70	244.70	208.55	36.15	6.769	
7,000.00	6,894.22	6,992.79	6,903.83	17.66	18.22	101.94	410.35	918.17	253.93	217.96	35.97	7.060	
7,100.00	6,969.97	7,103.90	7,004.30	17.65	18.24	107.60	416.34	871.45	265.13	229.52	35.61	7.446	
7,200.00	7,034.59	7,221.28	7,099.93	17.67	18.23	112.40	422.01	803.90	277.24	242.11	35.13	7.892	
7,300.00	7,086.52	7,345.17	7,185.64	17.76	18.23	116.34	427.02	714.86	289.01	254.36	34.65	8.341	
7,400.00	7,124.46	7,475.31	7,255.37	17.95	18.32	119.38	431.03	605.32	299.22	264.83	34.39	8.701	
7,500.00	7,147.48	7,610.79	7,302.82	18.24	18.58	121.50	433.66	478.72	306.71	272.16	34.55	8.878	
7,600.00	7,155.01	7,749.97	7,322.64	18.62	19.04	122.66	434.60	341.24	310.60	275.36	35.23	8.815	
7,700.00	7,154.20	7,857.32	7,322.51	19.12	19.56	122.81	434.38	233.89	310.63	274.52	36.10	8.604	
7,800.00	7,153.37	7,957.32	7,321.91	19.75	20.17	122.88	434.15	133.90	310.44	273.31	37.13	8.361	
7,900.00	7,152.55	8,057.32	7,321.32	20.50	20.89	122.96	433.92	33.90	310.26	271.91	38.36	8.089	
8,000.00	7,151.73	8,157.32	7,320.72	21.36	21.72	123.03	433.69	-66.10	310.08	270.31	39.77	7.798	
8,100.00	7,150.90	8,257.32	7,320.13	22.30	22.64	123.10	433.46	-166.10	309.90	268.56	41.34	7.496	
8,200.00	7,150.08	8,357.32	7,319.53	23.33	23.64	123.17	433.23	-266.09	309.72	266.66	43.06	7.193	
8,300.00	7,149.25	8,457.32	7,318.93	24.43	24.71	123.24	433.00	-366.09	309.54	264.63	44.91	6.893	
8,400.00	7,148.43	8,557.32	7,318.34	25.59	25.85	123.32	432.77	-466.09	309.36	262.49	46.87	6.601	
8,500.00	7,147.60	8,657.32	7,317.74	26.81	27.04	123.39	432.54	-566.08	309.18	260.26	48.92	6.320	
8,600.00	7,146.78	8,757.32	7,317.15	28.07	28.28	123.46	432.31	-666.08	309.00	257.94	51.06	6.051	
8,700.00	7,145.96	8,857.32	7,316.55	29.38	29.57	123.53	432.08	-766.08	308.82	255.54	53.28	5.796	
8,800.00	7,145.13	8,957.31	7,315.95	30.72	30.89	123.61	431.85	-866.07	308.64	253.09	55.56	5.555	
8,900.00	7,144.31	9,057.31	7,315.36	32.09	32.24	123.68	431.63	-966.07	308.47	250.57	57.89	5.328	
9,000.00	7,143.48	9,157.31	7,314.76	33.49	33.62	123.75	431.40	-1,066.07	308.29	248.01	60.28	5.114	
9,100.00	7,142.66	9,257.31	7,314.17	34.92	35.03	123.83	431.17	-1,166.07	308.11	245.41	62.71	4.913	
9,200.00	7,141.83	9,357.31	7,313.57	36.36	36.46	123.90	430.94	-1,266.06	307.94	242.77	65.17	4.725	
9,300.00	7,141.01	9,457.31	7,312.97	37.83	37.91	123.97	430.71	-1,366.06	307.76	240.09	67.67	4.548	
9,400.00	7,140.18	9,557.31	7,312.38	39.31	39.38	124.05	430.48	-1,466.06	307.59	237.39	70.20	4.381	
9,500.00	7,139.36	9,657.31	7,311.78	40.80	40.86	124.12	430.25	-1,566.05	307.42	234.66	72.76	4.225	
9,600.00	7,138.54	9,757.31	7,311.19	42.31	42.36	124.19	430.02	-1,666.05	307.24	231.91	75.33	4.078	
9,700.00	7,137.71	9,857.31	7,310.59	43.84	43.87	124.27	429.79	-1,766.05	307.07	229.14	77.93	3.940	
9,800.00	7,136.89	9,957.31	7,309.99	45.37	45.39	124.34	429.56	-1,866.04	306.90	226.35	80.55	3.810	
9,900.00	7,136.06	10,057.30	7,309.40	46.91	46.93	124.41	429.33	-1,966.04	306.72	223.55	83.18	3.688	
10,000.00	7,135.24	10,157.30	7,308.80	48.46	48.47	124.49	429.10	-2,066.04	306.55	220.73	85.82	3.572	
10,100.00	7,134.41	10,257.30	7,308.21	50.02	50.02	124.56	428.87	-2,166.04	306.38	217.91	88.48	3.463	
10,200.00	7,133.59	10,357.30	7,307.61	51.59	51.58	124.63	428.64	-2,266.03	306.21	215.07	91.14	3.360	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	7,132.76	10,457.30	7,307.01	53.16	53.14	124.71	428.41	-2,366.03	306.04	212.22	93.82	3.262		
10,400.00	7,131.94	10,557.30	7,306.42	54.74	54.71	124.78	428.18	-2,466.03	305.87	209.37	96.51	3.169		
10,500.00	7,131.12	10,657.30	7,305.82	56.32	56.29	124.86	427.95	-2,566.02	305.70	206.50	99.20	3.082		
10,600.00	7,130.29	10,757.30	7,305.23	57.91	57.88	124.93	427.72	-2,666.02	305.53	203.64	101.90	2.998		
10,700.00	7,129.47	10,857.30	7,304.63	59.51	59.46	125.01	427.49	-2,766.02	305.37	200.76	104.60	2.919		
10,800.00	7,128.64	10,957.30	7,304.03	61.11	61.06	125.08	427.26	-2,866.02	305.20	197.89	107.31	2.844		
10,900.00	7,127.82	11,057.30	7,303.44	62.71	62.65	125.15	427.03	-2,966.01	305.03	195.00	110.03	2.772		
11,000.00	7,126.99	11,157.29	7,302.84	64.32	64.25	125.23	426.80	-3,066.01	304.87	192.12	112.75	2.704		
11,100.00	7,126.17	11,257.29	7,302.24	65.93	65.86	125.30	426.57	-3,166.01	304.70	189.23	115.47	2.639		
11,200.00	7,125.34	11,357.29	7,301.65	67.54	67.47	125.38	426.34	-3,266.00	304.53	186.34	118.19	2.577		
11,300.00	7,124.52	11,457.29	7,301.05	69.16	69.08	125.45	426.11	-3,366.00	304.37	183.45	120.92	2.517		
11,400.00	7,123.70	11,557.29	7,300.46	70.78	70.69	125.53	425.88	-3,466.00	304.20	180.56	123.64	2.460		
11,500.00	7,122.87	11,657.29	7,299.86	72.40	72.31	125.60	425.65	-3,565.99	304.04	177.67	126.37	2.406		
11,600.00	7,122.05	11,757.29	7,299.26	74.02	73.93	125.68	425.42	-3,665.99	303.88	174.77	129.10	2.354		
11,700.00	7,121.22	11,857.29	7,298.67	75.65	75.55	125.75	425.20	-3,765.99	303.71	171.88	131.84	2.304		
11,800.00	7,120.40	11,957.29	7,298.07	77.28	77.18	125.83	424.97	-3,865.99	303.55	168.98	134.57	2.256		
11,900.00	7,119.57	12,057.29	7,297.48	78.91	78.80	125.90	424.74	-3,965.98	303.39	166.09	137.30	2.210		
12,000.00	7,118.75	12,157.28	7,296.88	80.54	80.43	125.98	424.51	-4,065.98	303.23	163.20	140.03	2.165		
12,100.00	7,117.92	12,257.28	7,296.28	82.17	82.06	126.05	424.28	-4,165.98	303.07	160.30	142.77	2.123		
12,200.00	7,117.10	12,357.28	7,295.69	83.81	83.69	126.13	424.05	-4,265.97	302.91	157.41	145.50	2.082		
12,300.00	7,116.28	12,457.28	7,295.09	85.44	85.33	126.21	423.82	-4,365.97	302.75	154.52	148.23	2.042		
12,400.00	7,115.45	12,557.28	7,294.50	87.08	86.96	126.28	423.59	-4,465.97	302.59	151.63	150.96	2.004		
12,500.00	7,114.63	12,657.28	7,293.90	88.72	88.60	126.36	423.36	-4,565.96	302.43	148.74	153.69	1.968		
12,600.00	7,113.80	12,757.28	7,293.30	90.36	90.24	126.43	423.13	-4,665.96	302.27	145.86	156.42	1.933		
12,700.00	7,112.98	12,857.28	7,292.71	92.01	91.88	126.51	422.90	-4,765.96	302.12	142.97	159.14	1.898		
12,800.00	7,112.15	12,957.28	7,292.11	93.65	93.52	126.58	422.67	-4,865.96	301.96	140.09	161.87	1.865		
12,900.00	7,111.33	13,057.28	7,291.52	95.29	95.16	126.66	422.44	-4,965.95	301.80	137.21	164.59	1.834		
13,000.00	7,110.50	13,157.28	7,290.92	96.94	96.80	126.74	422.21	-5,065.95	301.65	134.33	167.31	1.803		
13,100.00	7,109.68	13,257.27	7,290.32	98.59	98.45	126.81	421.98	-5,165.95	301.49	131.46	170.03	1.773		
13,200.00	7,108.86	13,357.27	7,289.73	100.23	100.09	126.89	421.75	-5,265.94	301.34	128.58	172.75	1.744		
13,300.00	7,108.03	13,457.27	7,289.13	101.88	101.74	126.97	421.52	-5,365.94	301.18	125.71	175.47	1.716		
13,400.00	7,107.21	13,557.27	7,288.54	103.53	103.39	127.04	421.29	-5,465.94	301.03	122.85	178.18	1.689		
13,500.00	7,106.38	13,657.27	7,287.94	105.18	105.03	127.12	421.06	-5,565.94	300.87	119.98	180.89	1.663		
13,600.00	7,105.56	13,757.27	7,287.34	106.83	106.68	127.20	420.83	-5,665.93	300.72	117.12	183.60	1.638		
13,700.00	7,104.73	13,857.27	7,286.75	108.49	108.33	127.27	420.60	-5,765.93	300.57	114.26	186.31	1.613		
13,800.00	7,103.91	13,957.27	7,286.15	110.14	109.98	127.35	420.37	-5,865.93	300.42	111.40	189.02	1.589		
13,900.00	7,103.09	14,057.27	7,285.56	111.79	111.63	127.43	420.14	-5,965.92	300.27	108.55	191.72	1.566		
14,000.00	7,102.26	14,157.27	7,284.96	113.44	113.28	127.50	419.91	-6,065.92	300.12	105.70	194.42	1.544		
14,100.00	7,101.44	14,257.27	7,284.36	115.10	114.94	127.58	419.68	-6,165.92	299.97	102.85	197.11	1.522		
14,200.00	7,100.61	14,357.26	7,283.77	116.75	116.59	127.66	419.45	-6,265.91	299.82	100.01	199.81	1.501		
14,300.00	7,099.79	14,457.26	7,283.17	118.41	118.24	127.73	419.22	-6,365.91	299.67	97.17	202.50	1.480 Level 3		
14,400.00	7,098.96	14,557.26	7,282.58	120.07	119.90	127.81	419.00	-6,465.91	299.52	94.33	205.19	1.460 Level 3		
14,500.00	7,098.14	14,657.26	7,281.98	121.72	121.55	127.89	418.77	-6,565.91	299.37	91.50	207.87	1.440 Level 3		
14,600.00	7,097.31	14,757.26	7,281.38	123.38	123.21	127.97	418.54	-6,665.90	299.22	88.67	210.56	1.421 Level 3		
14,700.00	7,096.49	14,857.26	7,280.79	125.04	124.86	128.04	418.31	-6,765.90	299.08	85.84	213.24	1.403 Level 3		
14,800.00	7,095.67	14,957.26	7,280.19	126.70	126.52	128.12	418.08	-6,865.90	298.93	83.02	215.91	1.384 Level 3		
14,900.00	7,094.84	15,057.26	7,279.60	128.35	128.18	128.20	417.85	-6,965.89	298.79	80.20	218.59	1.367 Level 3		
15,000.00	7,094.02	15,157.29	7,279.00	130.01	129.84	128.28	417.62	-7,065.89	298.64	77.38	221.26	1.350 Level 3		
15,100.00	7,093.19	15,257.26	7,278.40	131.67	131.49	128.35	417.39	-7,165.89	298.50	74.57	223.92	1.333 Level 3		
15,101.99	7,093.18	15,259.25	7,278.39	131.71	131.52	128.36	417.38	-7,167.88	298.49	74.52	223.98	1.333 Level 3, SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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									
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	0.00	0.00	3.28	3.28	-4.36	40.07	-3.06	40.19							
100.00	100.00	100.00	100.00	3.28	3.28	-4.36	40.07	-3.06	40.19	32.66	7.53	5.338				
200.00	200.00	200.00	200.00	3.31	3.31	-4.36	40.07	-3.06	40.19	32.62	7.57	5.306				
254.74	254.74	254.74	254.74	3.33	3.33	-85.74	40.07	-3.06	40.17	32.55	7.62	5.274	CC			
300.00	300.00	299.78	299.78	3.35	3.35	-85.39	40.24	-2.66	40.29	32.63	7.66	5.259				
400.00	399.93	399.33	399.27	3.41	3.41	-85.63	41.58	0.53	41.11	33.32	7.79	5.279				
500.00	499.68	498.87	498.56	3.50	3.50	-86.07	44.25	6.90	42.74	34.78	7.96	5.370				
600.00	599.13	598.39	597.53	3.61	3.62	-86.67	48.26	16.45	45.18	37.00	8.18	5.522				
700.00	698.15	697.87	696.05	3.76	3.76	-87.37	53.58	29.16	48.45	39.98	8.47	5.722				
800.00	796.83	802.47	794.26	3.93	3.94	-87.28	60.11	44.73	52.48	43.65	8.83	5.945				
900.00	895.50	902.56	892.64	4.14	4.15	-86.76	66.85	60.80	56.66	47.42	9.24	6.133				
1,000.00	994.17	1,002.65	991.02	4.36	4.38	-86.31	73.60	76.88	60.84	51.15	9.69	6.276				
1,100.00	1,092.84	1,102.74	1,089.40	4.61	4.63	-85.92	80.34	92.96	65.03	54.84	10.19	6.382				
1,200.00	1,191.50	1,202.83	1,187.78	4.87	4.90	-85.58	87.08	109.04	69.22	58.50	10.72	6.459				
1,300.00	1,290.17	1,302.92	1,286.15	5.14	5.19	-85.28	93.82	125.12	73.41	62.14	11.27	6.512				
1,400.00	1,388.84	1,403.01	1,384.53	5.43	5.48	-85.00	100.57	141.20	77.60	65.75	11.85	6.548				
1,500.00	1,487.51	1,503.09	1,482.91	5.73	5.79	-84.76	107.31	157.28	81.80	69.35	12.45	6.570				
1,600.00	1,586.18	1,603.18	1,581.29	6.03	6.10	-84.54	114.05	173.36	85.99	72.93	13.07	6.581				
1,700.00	1,684.85	1,703.27	1,679.67	6.34	6.43	-84.34	120.79	189.44	90.19	76.49	13.70	6.585				
1,800.00	1,783.52	1,796.64	1,778.05	6.66	6.73	-84.16	127.54	205.51	94.39	80.07	14.32	6.592				
1,900.00	1,882.18	1,903.45	1,876.42	6.84	6.93	-84.00	134.28	221.59	98.59	84.29	14.30	6.894				
2,000.00	1,980.85	2,003.54	1,974.80	6.87	6.97	-83.84	141.02	237.67	102.79	88.41	14.38	7.149				
2,100.00	2,079.52	2,103.63	2,073.18	6.93	7.04	-83.70	147.76	253.75	106.99	92.49	14.49	7.382				
2,200.00	2,178.19	2,203.72	2,171.56	6.99	7.12	-83.57	154.51	269.83	111.19	96.55	14.64	7.593				
2,300.00	2,276.86	2,296.20	2,269.94	7.08	7.22	-83.45	161.25	285.91	115.39	100.57	14.82	7.787				
2,400.00	2,375.53	2,403.89	2,368.32	7.17	7.35	-83.34	167.99	301.99	119.59	104.55	15.04	7.950				
2,500.00	2,474.20	2,503.98	2,466.69	7.29	7.50	-83.24	174.73	318.07	123.79	108.50	15.29	8.096				
2,600.00	2,572.86	2,595.93	2,565.07	7.41	7.64	-83.14	181.47	334.14	128.00	112.44	15.56	8.228				
2,700.00	2,671.53	2,704.16	2,663.45	7.55	7.83	-83.05	188.22	350.22	132.20	116.33	15.87	8.328				
2,800.00	2,770.20	2,804.25	2,761.83	7.70	8.02	-82.96	194.96	366.30	136.40	120.20	16.21	8.417				
2,900.00	2,868.87	2,904.34	2,860.21	7.86	8.22	-82.88	201.70	382.38	140.61	124.04	16.56	8.489				
3,000.00	2,967.54	3,004.42	2,958.59	8.03	8.43	-82.81	208.44	398.46	144.81	127.87	16.94	8.547				
3,100.00	3,066.21	3,104.51	3,056.96	8.21	8.66	-82.74	215.19	414.54	149.02	131.67	17.34	8.592				
3,200.00	3,164.88	3,195.40	3,155.34	8.40	8.87	-82.67	221.93	430.62	153.22	135.48	17.74	8.635				
3,300.00	3,263.54	3,304.69	3,253.72	8.60	9.14	-82.60	228.67	446.70	157.43	139.22	18.21	8.647				
3,400.00	3,362.21	3,404.78	3,352.10	8.81	9.40	-82.54	235.41	462.78	161.63	142.97	18.66	8.660				
3,500.00	3,460.88	3,504.87	3,450.48	9.02	9.66	-82.49	242.16	478.85	165.83	146.70	19.14	8.666				
3,600.00	3,559.55	3,604.96	3,548.86	9.24	9.94	-82.43	248.90	494.93	170.04	150.42	19.62	8.665				
3,700.00	3,658.22	3,694.96	3,647.23	9.47	10.19	-82.38	255.64	511.01	174.25	154.15	20.10	8.670				
3,800.00	3,756.89	3,805.13	3,745.61	9.70	10.50	-82.33	262.38	527.09	178.45	157.81	20.64	8.646				
3,900.00	3,855.56	3,894.78	3,843.99	9.94	10.76	-82.28	269.13	543.17	182.66	161.52	21.14	8.642				
4,000.00	3,954.22	4,005.31	3,942.37	10.19	11.09	-82.24	275.87	559.25	186.86	165.16	21.70	8.610				
4,100.00	4,052.89	4,105.40	4,040.75	10.44	11.40	-82.19	282.61	575.33	191.07	168.82	22.25	8.588				
4,200.00	4,151.56	4,205.49	4,139.13	10.69	11.70	-82.15	289.35	591.41	195.27	172.47	22.80	8.563				
4,300.00	4,250.23	4,305.58	4,237.50	10.95	12.02	-82.11	296.10	607.49	199.48	176.11	23.37	8.536				
4,400.00	4,348.90	4,405.66	4,335.88	11.21	12.33	-82.08	302.84	623.56	203.69	179.75	23.94	8.508				
4,500.00	4,447.57	4,494.25	4,434.26	11.48	12.62	-82.04	309.58	639.64	207.89	183.41	24.48	8.491				
4,600.00	4,546.24	4,594.16	4,532.64	11.75	12.94	-82.00	316.32	655.72	212.10	187.03	25.07	8.460				
4,700.00	4,644.90	4,705.93	4,631.02	12.02	13.30	-81.97	323.07	671.80	216.31	190.61	25.70	8.417				
4,800.00	4,743.57	4,806.02	4,729.40	12.30	13.63	-81.94	329.81	687.88	220.51	194.21	26.30	8.385				
4,900.00	4,842.24	4,906.11	4,827.77	12.58	13.96	-81.91	336.55	703.96	224.72	197.82	26.90	8.353				
5,000.00	4,940.91	5,006.20	4,926.15	12.86	14.30	-81.88	343.29	720.04	228.92	201.41	27.51	8.321				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,039.58	5,106.28	5,024.53	13.14	14.64	-81.85	350.04	736.12	233.13	205.00	28.13	8.288		
5,200.00	5,138.25	5,206.37	5,122.91	13.43	14.98	-81.82	356.78	752.19	237.34	208.59	28.75	8.256		
5,300.00	5,236.92	5,306.46	5,221.29	13.71	15.32	-81.79	363.52	768.27	241.55	212.18	29.37	8.224		
5,400.00	5,335.58	5,406.55	5,319.67	14.00	15.66	-81.77	370.26	784.35	245.75	215.76	30.00	8.193		
5,500.00	5,434.25	5,506.64	5,418.04	14.30	16.01	-81.74	377.00	800.43	249.96	219.33	30.63	8.161		
5,600.00	5,532.92	5,606.73	5,516.42	14.59	16.35	-81.72	383.75	816.51	254.17	222.90	31.26	8.130		
5,700.00	5,631.59	5,706.82	5,614.80	14.88	16.70	-81.69	390.49	832.59	258.37	226.47	31.90	8.100		
5,800.00	5,730.26	5,793.10	5,713.18	15.18	17.00	-81.67	397.23	848.67	262.58	230.09	32.49	8.082		
5,900.00	5,828.93	5,906.99	5,811.56	15.48	17.40	-81.65	403.97	864.75	266.79	233.60	33.18	8.040		
6,000.00	5,927.60	6,007.08	5,909.94	15.78	17.76	-81.63	410.72	880.83	270.99	237.17	33.83	8.011		
6,100.00	6,026.27	6,107.17	6,008.31	16.08	18.11	-81.61	417.46	896.90	275.20	240.72	34.48	7.982		
6,200.00	6,124.93	6,207.26	6,106.69	16.38	18.47	-81.59	424.20	912.98	279.41	244.28	35.13	7.954		
6,300.00	6,223.60	6,292.65	6,205.07	16.68	18.77	-81.57	430.94	929.06	283.62	247.89	35.73	7.938		
6,400.00	6,322.27	6,392.56	6,303.45	16.99	19.13	-81.55	437.69	945.14	287.82	251.44	36.38	7.911		
6,500.00	6,420.94	6,491.77	6,401.67	17.29	19.38	-81.99	444.38	956.73	292.11	255.14	36.96	7.902		
6,600.00	6,520.52	6,589.13	6,498.67	17.48	19.52	2.51	450.88	953.56	296.74	259.40	37.34	7.947		
6,700.00	6,620.05	6,685.00	6,592.62	17.60	19.62	74.42	457.07	936.00	301.55	263.97	37.57	8.026		
6,800.00	6,717.09	6,779.54	6,681.67	17.66	19.70	76.89	462.82	905.05	306.33	268.63	37.70	8.126		
6,900.00	6,809.23	6,872.91	6,764.19	17.68	19.79	76.60	468.03	861.85	310.90	273.12	37.77	8.231		
7,000.00	6,894.22	6,965.29	6,838.77	17.66	19.94	75.82	472.63	807.67	315.05	277.19	37.86	8.321		
7,100.00	6,969.97	7,056.86	6,904.22	17.65	20.21	75.00	476.53	743.86	318.63	280.56	38.07	8.371		
7,200.00	7,034.59	7,147.79	6,959.52	17.67	20.65	74.31	479.70	671.85	321.47	282.99	38.48	8.353		
7,300.00	7,086.52	7,238.25	7,003.84	17.76	21.34	73.82	482.06	593.10	323.47	284.26	39.22	8.248		
7,400.00	7,124.46	7,328.43	7,036.50	17.95	22.28	73.57	483.61	509.14	324.54	284.24	40.31	8.052		
7,500.00	7,147.48	7,418.49	7,056.99	18.24	23.46	73.58	484.31	421.52	324.65	282.88	41.76	7.774		
7,600.00	7,155.01	7,508.60	7,064.95	18.62	24.85	73.85	484.15	331.84	323.77	280.23	43.54	7.436		
7,700.00	7,154.20	7,606.53	7,064.05	19.12	26.56	73.79	483.32	233.92	322.86	277.15	45.71	7.064		
7,800.00	7,153.37	7,706.52	7,062.85	19.75	28.51	73.68	482.47	133.94	322.01	273.81	48.20	6.680		
7,900.00	7,152.55	7,806.52	7,061.64	20.50	30.62	73.56	481.61	33.96	321.17	270.20	50.97	6.302		
8,000.00	7,151.73	7,906.51	7,060.43	21.36	32.87	73.44	480.75	-66.03	320.32	266.37	53.95	5.937		
8,100.00	7,150.90	8,006.50	7,059.23	22.30	35.22	73.33	479.89	-166.01	319.48	262.36	57.12	5.593		
8,200.00	7,150.08	8,106.50	7,058.02	23.33	37.66	73.21	479.04	-265.99	318.64	258.19	60.45	5.271		
8,300.00	7,149.25	8,206.49	7,056.82	24.43	40.18	73.09	478.18	-365.98	317.80	253.90	63.90	4.973		
8,400.00	7,148.43	8,306.49	7,055.61	25.59	42.74	72.97	477.32	-465.96	316.96	249.49	67.47	4.698		
8,500.00	7,147.60	8,406.48	7,054.40	26.81	45.36	72.86	476.46	-565.94	316.13	244.99	71.14	4.444		
8,600.00	7,146.78	8,506.48	7,053.20	28.07	48.02	72.74	475.61	-665.93	315.29	240.41	74.88	4.211		
8,700.00	7,145.96	8,606.47	7,051.99	29.38	50.71	72.62	474.75	-765.91	314.46	235.77	78.69	3.996		
8,800.00	7,145.13	8,706.46	7,050.79	30.72	53.43	72.50	473.89	-865.89	313.62	231.07	82.56	3.799		
8,900.00	7,144.31	8,806.46	7,049.58	32.09	56.17	72.37	473.03	-965.88	312.79	226.32	86.47	3.617		
9,000.00	7,143.48	8,906.45	7,048.37	33.49	58.94	72.25	472.17	-1,065.86	311.96	221.53	90.43	3.450		
9,100.00	7,142.66	9,006.45	7,047.17	34.92	61.72	72.13	471.32	-1,165.84	311.13	216.70	94.43	3.295		
9,200.00	7,141.83	9,106.44	7,045.96	36.36	64.52	72.01	470.46	-1,265.83	310.31	211.85	98.45	3.152		
9,300.00	7,141.01	9,206.44	7,044.75	37.83	67.33	71.88	469.60	-1,365.81	309.48	206.97	102.51	3.019		
9,400.00	7,140.18	9,306.43	7,043.55	39.31	70.16	71.76	468.74	-1,465.79	308.66	202.07	106.58	2.896		
9,500.00	7,139.36	9,406.43	7,042.34	40.80	73.00	71.63	467.89	-1,565.78	307.83	197.16	110.68	2.781		
9,600.00	7,138.54	9,506.42	7,041.14	42.31	75.84	71.51	467.03	-1,665.76	307.01	192.22	114.79	2.675		
9,700.00	7,137.71	9,606.41	7,039.93	43.84	78.70	71.38	466.17	-1,765.74	306.19	187.28	118.91	2.575		
9,800.00	7,136.89	9,706.41	7,038.72	45.37	81.56	71.25	465.31	-1,865.73	305.37	182.32	123.05	2.482		
9,900.00	7,136.06	9,806.40	7,037.52	46.91	84.43	71.12	464.45	-1,965.71	304.56	177.36	127.20	2.394		
10,000.00	7,135.24	9,906.40	7,036.31	48.46	87.30	71.00	463.60	-2,065.69	303.74	172.39	131.36	2.312		
10,100.00	7,134.41	10,006.39	7,035.11	50.02	90.18	70.87	462.74	-2,165.68	302.93	167.41	135.52	2.235		
10,200.00	7,133.59	10,106.39	7,033.90	51.59	93.07	70.74	461.88	-2,265.66	302.12	162.43	139.69	2.163		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,132.76	10,206.38	7,032.69	53.16	95.96	70.61	461.02	-2,365.64	301.31	157.45	143.86	2.094	
10,400.00	7,131.94	10,306.37	7,031.49	54.74	98.85	70.47	460.17	-2,465.63	300.50	152.46	148.04	2.030	
10,500.00	7,131.12	10,406.37	7,030.28	56.32	101.75	70.34	459.31	-2,565.61	299.69	147.47	152.22	1.969	
10,600.00	7,130.29	10,506.36	7,029.08	57.91	104.66	70.21	458.45	-2,665.59	298.88	142.49	156.40	1.911	
10,700.00	7,129.47	10,606.36	7,027.87	59.51	107.56	70.07	457.59	-2,765.58	298.08	137.50	160.58	1.856	
10,800.00	7,128.64	10,706.35	7,026.66	61.11	110.47	69.94	456.73	-2,865.56	297.28	132.52	164.76	1.804	
10,900.00	7,127.82	10,806.35	7,025.46	62.71	113.38	69.81	455.88	-2,965.54	296.48	127.54	168.94	1.755	
11,000.00	7,126.99	10,906.34	7,024.25	64.32	116.29	69.67	455.02	-3,065.53	295.68	122.56	173.12	1.708	
11,100.00	7,126.17	11,006.33	7,023.05	65.93	119.21	69.53	454.16	-3,165.51	294.88	117.58	177.30	1.663	
11,200.00	7,125.34	11,106.33	7,021.84	67.54	122.13	69.40	453.30	-3,265.50	294.08	112.61	181.47	1.621	
11,300.00	7,124.52	11,206.32	7,020.63	69.16	125.05	69.26	452.45	-3,365.48	293.29	107.65	185.64	1.580	
11,400.00	7,123.70	11,306.32	7,019.43	70.78	127.97	69.12	451.59	-3,465.46	292.50	102.69	189.81	1.541	
11,500.00	7,122.87	11,406.31	7,018.22	72.40	130.90	68.98	450.73	-3,565.45	291.71	97.73	193.98	1.504	
11,600.00	7,122.05	11,506.31	7,017.02	74.02	133.82	68.84	449.87	-3,665.43	290.92	92.78	198.14	1.468	Level 3
11,700.00	7,121.22	11,606.30	7,015.81	75.65	136.75	68.70	449.01	-3,765.41	290.13	87.84	202.29	1.434	Level 3
11,800.00	7,120.40	11,706.30	7,014.60	77.28	139.68	68.56	448.16	-3,865.40	289.34	82.90	206.44	1.402	Level 3
11,900.00	7,119.57	11,806.29	7,013.40	78.91	142.61	68.41	447.30	-3,965.38	288.56	77.97	210.59	1.370	Level 3
12,000.00	7,118.75	11,906.28	7,012.19	80.54	145.54	68.27	446.44	-4,065.36	287.78	73.05	214.73	1.340	Level 3
12,100.00	7,117.92	12,006.28	7,010.99	82.17	148.47	68.13	445.58	-4,165.35	287.00	68.14	218.86	1.311	Level 3
12,200.00	7,117.10	12,106.27	7,009.78	83.81	151.40	67.98	444.73	-4,265.33	286.22	63.23	222.99	1.284	Level 3
12,300.00	7,116.28	12,206.27	7,008.57	85.44	154.34	67.83	443.87	-4,365.31	285.44	58.33	227.11	1.257	Level 3
12,400.00	7,115.45	12,306.26	7,007.37	87.08	157.27	67.69	443.01	-4,465.30	284.67	53.44	231.23	1.231	Level 2
12,500.00	7,114.63	12,406.26	7,006.16	88.72	160.21	67.54	442.15	-4,565.28	283.90	48.56	235.33	1.206	Level 2
12,600.00	7,113.80	12,506.25	7,004.95	90.36	163.15	67.39	441.30	-4,665.26	283.13	43.69	239.43	1.182	Level 2
12,700.00	7,112.98	12,606.24	7,003.75	92.01	166.09	67.24	440.44	-4,765.25	282.36	38.83	243.52	1.159	Level 2
12,800.00	7,112.15	12,706.24	7,002.54	93.65	169.03	67.09	439.58	-4,865.23	281.59	33.98	247.61	1.137	Level 2
12,900.00	7,111.33	12,806.23	7,001.34	95.29	171.97	66.94	438.72	-4,965.21	280.83	29.14	251.68	1.116	Level 2
13,000.00	7,110.50	12,906.23	7,000.13	96.94	174.91	66.79	437.86	-5,065.20	280.06	24.31	255.75	1.095	Level 2
13,100.00	7,109.68	13,006.22	6,998.92	98.59	177.85	66.64	437.01	-5,165.18	279.30	19.49	259.81	1.075	Level 2
13,200.00	7,108.86	13,106.22	6,997.72	100.23	180.79	66.49	436.15	-5,265.16	278.54	14.69	263.86	1.056	Level 2
13,300.00	7,108.03	13,206.21	6,996.51	101.88	183.73	66.33	435.29	-5,365.15	277.78	9.89	267.90	1.037	Level 2
13,400.00	7,107.21	13,306.20	6,995.31	103.53	186.68	66.18	434.43	-5,465.13	277.03	5.10	271.93	1.019	Level 2
13,500.00	7,106.38	13,406.20	6,994.10	105.18	189.62	66.02	433.58	-5,565.11	276.28	0.33	275.95	1.001	Level 2
13,600.00	7,105.56	13,506.19	6,992.89	106.83	192.57	65.87	432.72	-5,665.10	275.53	-4.43	279.96	0.984	Level 1
13,700.00	7,104.73	13,606.19	6,991.69	108.49	195.51	65.71	431.86	-5,765.08	274.78	-9.18	283.96	0.968	Level 1
13,800.00	7,103.91	13,706.18	6,990.48	110.14	198.46	65.55	431.00	-5,865.06	274.03	-13.92	287.95	0.952	Level 1
13,900.00	7,103.09	13,806.18	6,989.28	111.79	201.40	65.39	430.14	-5,965.05	273.29	-18.64	291.92	0.936	Level 1
14,000.00	7,102.26	13,906.17	6,988.07	113.44	204.35	65.23	429.29	-6,065.03	272.54	-23.35	295.89	0.921	Level 1
14,100.00	7,101.44	14,006.16	6,986.86	115.10	207.30	65.07	428.43	-6,165.01	271.80	-28.05	299.85	0.906	Level 1
14,200.00	7,100.61	14,106.16	6,985.66	116.75	210.24	64.91	427.57	-6,265.00	271.06	-32.73	303.79	0.892	Level 1
14,300.00	7,099.79	14,206.15	6,984.45	118.41	213.19	64.75	426.71	-6,364.98	270.33	-37.40	307.73	0.878	Level 1
14,400.00	7,098.96	14,306.15	6,983.25	120.07	216.14	64.58	425.86	-6,464.96	269.59	-42.06	311.65	0.865	Level 1
14,500.00	7,098.14	14,406.14	6,982.04	121.72	219.09	64.42	425.00	-6,564.95	268.86	-46.70	315.56	0.852	Level 1
14,600.00	7,097.31	14,506.14	6,980.83	123.38	222.04	64.25	424.14	-6,664.93	268.13	-51.33	319.46	0.839	Level 1
14,700.00	7,096.49	14,606.13	6,979.63	125.04	224.99	64.09	423.28	-6,764.91	267.40	-55.94	323.34	0.827	Level 1
14,800.00	7,095.67	14,706.13	6,978.42	126.70	227.94	63.92	422.42	-6,864.90	266.68	-60.54	327.22	0.815	Level 1
14,900.00	7,094.84	14,806.12	6,977.22	128.35	230.89	63.75	421.57	-6,964.88	265.96	-65.12	331.07	0.803	Level 1
15,000.00	7,094.02	14,907.62	6,976.01	130.01	233.88	63.58	420.71	-7,064.86	265.24	-69.72	334.96	0.792	Level 1
15,100.00	7,093.19	15,006.11	6,974.80	131.67	236.79	63.41	419.85	-7,164.85	264.52	-74.24	338.75	0.781	Level 1
15,101.99	7,093.18	15,008.10	6,974.78	131.71	236.85	63.41	419.83	-7,166.84	264.50	-74.33	338.83	0.781	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-4.58	79.79	-6.39	80.04				
100.00	100.00	100.00	100.00	3.28	3.28	-4.58	79.79	-6.39	80.04	72.51	7.53	10.632	
200.00	200.00	200.00	200.00	3.31	3.31	-4.58	79.79	-6.39	80.04	72.47	7.57	10.568	CC, ES
300.00	300.00	298.44	298.42	3.35	3.35	-84.88	80.84	-5.07	80.97	73.31	7.66	10.570	
400.00	399.93	396.80	396.64	3.41	3.42	-84.30	83.98	-1.09	83.57	75.79	7.78	10.736	
500.00	499.68	495.03	494.50	3.50	3.51	-84.16	89.19	5.52	87.80	79.84	7.95	11.038	
600.00	599.13	593.08	591.85	3.61	3.62	-84.40	96.48	14.74	93.63	85.46	8.17	11.454	
700.00	698.15	690.92	688.52	3.76	3.77	-84.93	105.79	26.54	101.08	92.62	8.46	11.955	
800.00	796.83	789.18	785.07	3.93	3.95	-85.29	117.09	40.85	110.13	101.33	8.80	12.512	
900.00	895.50	888.73	882.74	4.14	4.16	-85.34	129.02	55.94	119.61	110.39	9.21	12.982	
1,000.00	994.17	988.28	980.41	4.36	4.41	-85.39	140.94	71.03	129.09	119.42	9.67	13.349	
1,100.00	1,092.84	1,087.82	1,078.09	4.61	4.67	-85.43	152.86	86.13	138.56	128.40	10.17	13.630	
1,200.00	1,191.50	1,187.37	1,175.76	4.87	4.96	-85.46	164.78	101.22	148.04	137.35	10.70	13.842	
1,300.00	1,290.17	1,286.92	1,273.44	5.14	5.25	-85.49	176.70	116.32	157.52	146.27	11.25	13.999	
1,400.00	1,388.84	1,386.47	1,371.11	5.43	5.56	-85.52	188.62	131.41	167.00	155.17	11.83	14.114	
1,500.00	1,487.51	1,486.02	1,468.78	5.73	5.88	-85.54	200.54	146.50	176.48	164.04	12.43	14.194	
1,600.00	1,586.18	1,585.57	1,566.46	6.03	6.22	-85.57	212.46	161.60	185.96	172.90	13.05	14.248	
1,700.00	1,684.85	1,685.12	1,664.13	6.34	6.55	-85.58	224.38	176.69	195.43	181.75	13.68	14.282	
1,800.00	1,783.52	1,784.67	1,761.81	6.66	6.90	-85.60	236.30	191.79	204.91	190.58	14.33	14.301	
1,900.00	1,882.18	1,884.22	1,859.48	6.84	7.11	-85.62	248.22	206.88	214.39	200.07	14.32	14.968	
2,000.00	1,980.85	1,983.77	1,957.16	6.87	7.18	-85.63	260.14	221.98	223.87	209.45	14.42	15.524	
2,100.00	2,079.52	2,083.32	2,054.83	6.93	7.24	-85.65	272.06	237.07	233.35	218.82	14.52	16.066	
2,200.00	2,178.19	2,182.87	2,152.50	6.99	7.31	-85.66	283.98	252.16	242.83	228.17	14.66	16.563	
2,300.00	2,276.86	2,282.42	2,250.18	7.08	7.40	-85.67	295.90	267.26	252.31	237.48	14.83	17.016	
2,400.00	2,375.53	2,381.97	2,347.85	7.17	7.51	-85.68	307.83	282.35	261.78	246.76	15.02	17.425	
2,500.00	2,474.20	2,481.52	2,445.53	7.29	7.63	-85.69	319.75	297.45	271.26	256.02	15.25	17.790	
2,600.00	2,572.86	2,581.07	2,543.20	7.41	7.76	-85.70	331.67	312.54	280.74	265.24	15.50	18.113	
2,700.00	2,671.53	2,680.62	2,640.87	7.55	7.91	-85.71	343.59	327.63	290.22	274.44	15.78	18.395	
2,800.00	2,770.20	2,780.17	2,738.55	7.70	8.06	-85.72	355.51	342.73	299.70	283.62	16.08	18.639	
2,900.00	2,868.87	2,879.72	2,836.22	7.86	8.23	-85.72	367.43	357.82	309.18	292.77	16.40	18.848	
3,000.00	2,967.54	2,979.27	2,933.90	8.03	8.41	-85.73	379.35	372.92	318.66	301.91	16.75	19.024	
3,100.00	3,066.21	3,078.82	3,031.57	8.21	8.61	-85.74	391.27	388.01	328.14	311.02	17.12	19.170	
3,200.00	3,164.88	3,178.37	3,129.24	8.40	8.81	-85.74	403.19	403.11	337.61	320.11	17.50	19.289	
3,300.00	3,263.54	3,277.92	3,226.92	8.60	9.01	-85.75	415.11	418.20	347.09	329.19	17.91	19.384	
3,400.00	3,362.21	3,377.47	3,324.59	8.81	9.23	-85.76	427.03	433.29	356.57	338.24	18.33	19.457	
3,500.00	3,460.88	3,477.02	3,422.27	9.02	9.46	-85.76	438.95	448.39	366.05	347.29	18.76	19.511	
3,600.00	3,559.55	3,576.57	3,519.94	9.24	9.69	-85.77	450.87	463.48	375.53	356.32	19.21	19.547	
3,700.00	3,658.22	3,676.12	3,617.61	9.47	9.93	-85.77	462.79	478.58	385.01	365.33	19.67	19.569	
3,800.00	3,756.89	3,775.67	3,715.29	9.70	10.17	-85.78	474.71	493.67	394.49	374.34	20.15	19.578	
3,900.00	3,855.56	3,875.22	3,812.96	9.94	10.42	-85.78	486.63	508.76	403.96	383.33	20.64	19.576	
4,000.00	3,954.22	3,974.77	3,910.64	10.19	10.68	-85.78	498.56	523.86	413.44	392.31	21.13	19.564	
4,100.00	4,052.89	4,074.32	4,008.31	10.44	10.94	-85.79	510.48	538.95	422.92	401.28	21.64	19.543	
4,200.00	4,151.56	4,173.87	4,105.98	10.69	11.21	-85.79	522.40	554.05	432.40	410.24	22.16	19.516	
4,300.00	4,250.23	4,273.42	4,203.66	10.95	11.48	-85.80	534.32	569.14	441.88	419.20	22.68	19.482	
4,400.00	4,348.90	4,372.97	4,301.33	11.21	11.75	-85.80	546.24	584.24	451.36	428.14	23.21	19.443	
4,500.00	4,447.57	4,472.52	4,399.01	11.48	12.03	-85.80	558.16	599.33	460.84	437.08	23.75	19.400	
4,600.00	4,546.24	4,572.07	4,496.68	11.75	12.31	-85.81	570.08	614.42	470.32	446.01	24.30	19.354	
4,700.00	4,644.90	4,671.62	4,594.35	12.02	12.59	-85.81	582.00	629.52	479.79	454.94	24.85	19.304	
4,800.00	4,743.57	4,771.17	4,692.03	12.30	12.88	-85.81	593.92	644.61	489.27	463.86	25.41	19.252	
4,900.00	4,842.24	4,870.72	4,789.70	12.58	13.17	-85.81	605.84	659.71	498.75	472.77	25.98	19.198	
5,000.00	4,940.91	4,970.27	4,887.38	12.86	13.46	-85.82	617.76	674.80	508.23	481.68	26.55	19.142	
5,100.00	5,039.58	5,069.82	4,985.05	13.14	13.76	-85.82	629.68	689.89	517.71	490.58	27.13	19.086	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,138.25	5,169.36	5,082.72	13.43	14.06	-85.82	641.60	704.99	527.19	499.48	27.71	19.029		
5,300.00	5,236.92	5,268.91	5,180.40	13.71	14.36	-85.82	653.52	720.08	536.67	508.38	28.29	18.971		
5,400.00	5,335.58	5,368.46	5,278.07	14.00	14.66	-85.83	665.44	735.18	546.15	517.27	28.88	18.912		
5,500.00	5,434.25	5,468.01	5,375.75	14.30	14.96	-85.83	677.37	750.27	555.62	526.15	29.47	18.854		
5,600.00	5,532.92	5,567.56	5,473.42	14.59	15.27	-85.83	689.29	765.37	565.10	535.04	30.07	18.796		
5,700.00	5,631.59	5,667.11	5,571.09	14.88	15.58	-85.83	701.21	780.46	574.58	543.92	30.66	18.738		
5,800.00	5,730.26	5,766.66	5,668.77	15.18	15.89	-85.84	713.13	795.55	584.06	552.79	31.27	18.680		
5,900.00	5,828.93	5,866.21	5,766.44	15.48	16.20	-85.84	725.05	810.65	593.54	561.67	31.87	18.623		
6,000.00	5,927.60	5,965.76	5,864.12	15.78	16.51	-85.84	736.97	825.74	603.02	570.54	32.48	18.566		
6,100.00	6,026.27	6,065.31	5,961.79	16.08	16.82	-85.84	748.89	840.84	612.50	579.41	33.09	18.510		
6,200.00	6,124.93	6,164.86	6,059.46	16.38	17.14	-85.84	760.81	855.93	621.97	588.27	33.70	18.454		
6,300.00	6,223.60	6,264.41	6,157.14	16.68	17.45	-85.85	772.73	871.02	631.45	597.13	34.32	18.400		
6,400.00	6,322.27	6,363.96	6,254.81	16.99	17.77	-85.85	784.65	886.12	640.93	606.00	34.94	18.346		
6,500.00	6,420.94	6,463.51	6,352.49	17.29	18.09	-85.47	796.57	901.21	650.41	614.85	35.55	18.293		
6,600.00	6,520.52	6,560.83	6,448.03	17.48	18.39	1.36	808.23	915.60	659.18	623.16	36.02	18.299		
6,700.00	6,620.05	6,652.73	6,539.08	17.60	18.59	75.84	819.27	919.80	667.54	631.24	36.30	18.389		
6,800.00	6,717.09	6,746.35	6,631.48	17.66	18.74	80.76	830.36	910.47	675.73	639.27	36.47	18.529		
6,900.00	6,809.23	6,841.94	6,723.41	17.68	18.83	82.78	841.29	886.98	683.62	647.07	36.55	18.702		
7,000.00	6,894.22	6,939.78	6,812.80	17.66	18.88	84.12	851.79	848.88	691.03	654.45	36.58	18.889		
7,100.00	6,969.97	7,040.09	6,897.35	17.65	18.88	85.22	861.60	795.99	697.81	661.21	36.60	19.065		
7,200.00	7,034.59	7,143.06	6,974.47	17.67	18.85	86.22	870.40	728.50	703.76	667.10	36.66	19.196		
7,300.00	7,086.52	7,248.80	7,041.38	17.76	18.82	87.18	877.85	647.12	708.71	671.89	36.82	19.247		
7,400.00	7,124.46	7,357.33	7,095.21	17.95	18.82	88.10	883.63	553.21	712.47	675.33	37.14	19.185		
7,500.00	7,147.48	7,468.55	7,133.14	18.24	18.93	88.98	887.41	448.88	714.86	677.20	37.66	18.983		
7,600.00	7,155.01	7,582.19	7,152.72	18.62	19.21	89.82	888.91	337.10	715.74	677.35	38.38	18.647		
7,700.00	7,154.20	7,709.94	7,154.63	19.12	19.76	90.04	888.30	229.30	715.02	675.58	39.44	18.131		
7,800.00	7,153.37	7,809.94	7,153.87	19.75	20.37	90.04	887.44	129.31	714.02	673.37	40.65	17.565		
7,900.00	7,152.55	7,909.95	7,153.10	20.50	21.11	90.05	886.57	29.32	713.02	670.92	42.10	16.936		
8,000.00	7,151.73	8,009.95	7,152.34	21.36	21.94	90.05	885.70	-70.67	712.01	668.25	43.76	16.270		
8,100.00	7,150.90	8,109.96	7,151.58	22.30	22.87	90.06	884.84	-170.66	711.01	665.40	45.61	15.588		
8,200.00	7,150.08	8,209.96	7,150.81	23.33	23.88	90.06	883.97	-270.65	710.01	662.38	47.63	14.908		
8,300.00	7,149.25	8,309.97	7,150.05	24.43	24.96	90.07	883.10	-370.63	709.01	659.22	49.79	14.240		
8,400.00	7,148.43	8,409.97	7,149.29	25.59	26.10	90.07	882.24	-470.62	708.01	655.93	52.08	13.595		
8,500.00	7,147.60	8,509.98	7,148.53	26.81	27.29	90.08	881.37	-570.61	707.01	652.53	54.48	12.978		
8,600.00	7,146.78	8,609.98	7,147.76	28.07	28.53	90.08	880.50	-670.60	706.00	649.03	56.97	12.392		
8,700.00	7,145.96	8,709.99	7,147.00	29.38	29.80	90.09	879.64	-770.59	705.00	645.45	59.55	11.838		
8,800.00	7,145.13	8,809.99	7,146.24	30.72	31.12	90.09	878.77	-870.58	704.00	641.79	62.21	11.317		
8,900.00	7,144.31	8,910.00	7,145.48	32.09	32.47	90.10	877.90	-970.56	703.00	638.07	64.93	10.827		
9,000.00	7,143.48	8,990.00	7,144.71	33.49	33.57	90.11	877.04	-1,070.55	702.00	634.57	67.43	10.411		
9,100.00	7,142.66	9,089.99	7,143.95	34.92	34.96	90.11	876.17	-1,170.54	701.00	630.75	70.25	9.979		
9,200.00	7,141.83	9,189.99	7,143.19	36.36	36.38	90.12	875.30	-1,270.53	699.99	626.88	73.12	9.574		
9,300.00	7,141.01	9,289.98	7,142.43	37.83	37.82	90.12	874.44	-1,370.52	698.99	622.97	76.02	9.194		
9,400.00	7,140.18	9,389.98	7,141.66	39.31	39.28	90.13	873.57	-1,470.51	697.99	619.03	78.96	8.839		
9,500.00	7,139.36	9,489.97	7,140.90	40.80	40.76	90.13	872.70	-1,570.49	696.99	615.05	81.94	8.506		
9,600.00	7,138.54	9,589.97	7,140.14	42.31	42.24	90.14	871.84	-1,670.48	695.99	611.05	84.94	8.194		
9,700.00	7,137.71	9,689.96	7,139.38	43.84	43.75	90.14	870.97	-1,770.47	694.99	607.02	87.97	7.901		
9,800.00	7,136.89	9,789.96	7,138.61	45.37	45.26	90.15	870.10	-1,870.46	693.99	602.97	91.02	7.625		
9,900.00	7,136.06	9,889.95	7,137.85	46.91	46.79	90.15	869.24	-1,970.45	692.98	598.90	94.09	7.366		
10,000.00	7,135.24	9,989.95	7,137.09	48.46	48.32	90.16	868.37	-2,070.44	691.98	594.81	97.17	7.121		
10,100.00	7,134.41	10,089.94	7,136.33	50.02	49.86	90.16	867.50	-2,170.42	690.98	590.70	100.28	6.891		
10,200.00	7,133.59	10,189.94	7,135.56	51.59	51.41	90.17	866.64	-2,270.41	689.98	586.58	103.40	6.673		
10,300.00	7,132.76	10,289.93	7,134.80	53.16	52.97	90.17	865.77	-2,370.40	688.98	582.44	106.53	6.467		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	7,131.94	10,389.93	7,134.04	54.74	54.54	90.18	864.90	-2,470.39	687.98	578.30	109.68	6.273		
10,500.00	7,131.12	10,489.92	7,133.28	56.32	56.11	90.18	864.04	-2,570.38	686.97	574.13	112.84	6.088		
10,600.00	7,130.29	10,589.92	7,132.51	57.91	57.69	90.19	863.17	-2,670.37	685.97	569.96	116.01	5.913		
10,700.00	7,129.47	10,689.91	7,131.75	59.51	59.27	90.20	862.30	-2,770.35	684.97	565.78	119.19	5.747		
10,800.00	7,128.64	10,789.91	7,130.99	61.11	60.86	90.20	861.44	-2,870.34	683.97	561.59	122.38	5.589		
10,900.00	7,127.82	10,889.90	7,130.23	62.71	62.45	90.21	860.57	-2,970.33	682.97	557.39	125.57	5.439		
11,000.00	7,126.99	10,989.90	7,129.46	64.32	64.05	90.21	859.70	-3,070.32	681.97	553.19	128.78	5.296		
11,100.00	7,126.17	11,089.89	7,128.70	65.93	65.65	90.22	858.84	-3,170.31	680.96	548.97	131.99	5.159		
11,200.00	7,125.34	11,189.89	7,127.94	67.54	67.25	90.22	857.97	-3,270.30	679.96	544.75	135.21	5.029		
11,300.00	7,124.52	11,289.88	7,127.18	69.16	68.86	90.23	857.10	-3,370.28	678.96	540.53	138.43	4.905		
11,400.00	7,123.70	11,389.88	7,126.41	70.78	70.47	90.23	856.24	-3,470.27	677.96	536.30	141.66	4.786		
11,500.00	7,122.87	11,489.87	7,125.65	72.40	72.08	90.24	855.37	-3,570.26	676.96	532.06	144.90	4.672		
11,600.00	7,122.05	11,589.87	7,124.89	74.02	73.69	90.25	854.50	-3,670.25	675.96	527.82	148.14	4.563		
11,700.00	7,121.22	11,689.86	7,124.13	75.65	75.31	90.25	853.64	-3,770.24	674.96	523.57	151.39	4.459		
11,800.00	7,120.40	11,789.86	7,123.36	77.28	76.93	90.26	852.77	-3,870.23	673.95	519.32	154.64	4.358		
11,900.00	7,119.57	11,889.85	7,122.60	78.91	78.55	90.26	851.90	-3,970.21	672.95	515.06	157.89	4.262		
12,000.00	7,118.75	11,989.85	7,121.84	80.54	80.18	90.27	851.04	-4,070.20	671.95	510.80	161.15	4.170		
12,100.00	7,117.92	12,089.84	7,121.07	82.17	81.81	90.27	850.17	-4,170.19	670.95	506.54	164.41	4.081		
12,200.00	7,117.10	12,189.84	7,120.31	83.81	83.43	90.28	849.31	-4,270.18	669.95	502.27	167.67	3.996		
12,300.00	7,116.28	12,289.83	7,119.55	85.44	85.07	90.29	848.44	-4,370.17	668.95	498.00	170.94	3.913		
12,400.00	7,115.45	12,389.83	7,118.79	87.08	86.70	90.29	847.57	-4,470.15	667.95	493.73	174.21	3.834		
12,500.00	7,114.63	12,489.82	7,118.02	88.72	88.33	90.30	846.71	-4,570.14	666.94	489.46	177.49	3.758		
12,600.00	7,113.80	12,589.82	7,117.26	90.36	89.97	90.30	845.84	-4,670.13	665.94	485.18	180.77	3.684		
12,700.00	7,112.98	12,689.81	7,116.50	92.01	91.60	90.31	844.97	-4,770.12	664.94	480.90	184.04	3.613		
12,800.00	7,112.15	12,789.81	7,115.74	93.65	93.24	90.31	844.11	-4,870.11	663.94	476.61	187.33	3.544		
12,900.00	7,111.33	12,889.80	7,114.97	95.29	94.88	90.32	843.24	-4,970.10	662.94	472.33	190.61	3.478		
13,000.00	7,110.50	12,989.80	7,114.21	96.94	96.52	90.33	842.37	-5,070.08	661.94	468.04	193.90	3.414		
13,100.00	7,109.68	13,089.79	7,113.45	98.59	98.16	90.33	841.51	-5,170.07	660.94	463.75	197.19	3.352		
13,200.00	7,108.86	13,189.79	7,112.69	100.23	99.80	90.34	840.64	-5,270.06	659.93	459.46	200.48	3.292		
13,300.00	7,108.03	13,289.78	7,111.92	101.88	101.45	90.34	839.77	-5,370.05	658.93	455.16	203.77	3.234		
13,400.00	7,107.21	13,389.78	7,111.16	103.53	103.09	90.35	838.91	-5,470.04	657.93	450.87	207.06	3.177		
13,500.00	7,106.38	13,489.77	7,110.40	105.18	104.74	90.36	838.04	-5,570.03	656.93	446.57	210.36	3.123		
13,600.00	7,105.56	13,589.77	7,109.64	106.83	106.38	90.36	837.17	-5,670.01	655.93	442.27	213.66	3.070		
13,700.00	7,104.73	13,689.76	7,108.87	108.49	108.03	90.37	836.31	-5,770.00	654.93	437.97	216.96	3.019		
13,800.00	7,103.91	13,789.76	7,108.11	110.14	109.68	90.37	835.44	-5,869.99	653.93	433.67	220.26	2.969		
13,900.00	7,103.09	13,889.75	7,107.35	111.79	111.33	90.38	834.57	-5,969.98	652.92	429.37	223.56	2.921		
14,000.00	7,102.26	13,989.75	7,106.59	113.44	112.98	90.38	833.71	-6,069.97	651.92	425.06	226.86	2.874		
14,100.00	7,101.44	14,089.74	7,105.82	115.10	114.63	90.39	832.84	-6,169.96	650.92	420.76	230.17	2.828		
14,200.00	7,100.61	14,189.74	7,105.06	116.75	116.28	90.40	831.97	-6,269.94	649.92	416.45	233.47	2.784		
14,300.00	7,099.79	14,289.73	7,104.30	118.41	117.93	90.40	831.11	-6,369.93	648.92	412.14	236.78	2.741		
14,400.00	7,098.96	14,389.73	7,103.54	120.07	119.58	90.41	830.24	-6,469.92	647.92	407.83	240.09	2.699		
14,500.00	7,098.14	14,489.72	7,102.77	121.72	121.23	90.42	829.37	-6,569.91	646.92	403.52	243.40	2.658		
14,600.00	7,097.31	14,589.72	7,102.01	123.38	122.89	90.42	828.51	-6,669.90	645.92	399.21	246.71	2.618		
14,700.00	7,096.49	14,689.71	7,101.25	125.04	124.54	90.43	827.64	-6,769.89	644.91	394.90	250.02	2.579		
14,800.00	7,095.67	14,789.71	7,100.49	126.70	126.20	90.43	826.77	-6,869.87	643.91	390.58	253.33	2.542		
14,900.00	7,094.84	14,889.70	7,099.72	128.35	127.85	90.44	825.91	-6,969.86	642.91	386.27	256.64	2.505		
15,000.00	7,094.02	14,989.70	7,098.96	130.01	129.51	90.45	825.04	-7,069.85	641.91	381.95	259.96	2.469		
15,100.00	7,093.19	15,089.69	7,098.20	131.67	131.16	90.45	824.17	-7,169.84	640.91	377.64	263.27	2.434		
15,101.99	7,093.18	15,091.68	7,098.18	131.71	131.19	90.45	824.15	-7,171.83	640.89	377.55	263.34	2.434 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	0.00	0.00	3.28	3.28	-4.52	59.75	-4.73	59.93				
100.00	100.00	100.00	100.00	3.28	3.28	-4.52	59.75	-4.73	59.93	52.40	7.53	7.960	
200.00	200.00	200.00	200.00	3.31	3.31	-4.52	59.75	-4.73	59.93	52.36	7.57	7.913	
254.74	254.74	254.74	254.74	3.33	3.33	-85.77	59.75	-4.73	59.91	52.30	7.62	7.866 CC, ES	
300.00	300.00	299.54	299.54	3.35	3.35	-85.56	59.96	-4.36	60.09	52.43	7.66	7.843	
400.00	399.93	398.62	398.55	3.41	3.41	-85.89	61.71	-1.41	61.34	53.55	7.79	7.878	
500.00	499.68	497.65	497.35	3.50	3.50	-86.49	65.20	4.48	63.85	55.89	7.96	8.024	
600.00	599.13	596.63	595.79	3.61	3.62	-87.30	70.42	13.29	67.62	59.44	8.18	8.268	
700.00	698.15	695.53	693.73	3.76	3.76	-88.25	77.37	25.02	72.66	64.20	8.46	8.589	
800.00	796.83	794.63	791.39	3.93	3.93	-88.62	85.98	39.54	78.93	70.12	8.81	8.963	
900.00	895.50	894.42	889.57	4.14	4.13	-88.48	95.06	54.86	85.52	76.31	9.21	9.283	
1,000.00	994.17	1,005.80	987.75	4.36	4.39	-88.37	104.13	70.18	92.11	82.42	9.69	9.503	
1,100.00	1,092.84	1,106.02	1,085.93	4.61	4.65	-88.26	113.21	85.50	98.70	88.52	10.19	9.689	
1,200.00	1,191.50	1,206.24	1,184.11	4.87	4.92	-88.17	122.29	100.82	105.29	94.58	10.71	9.827	
1,300.00	1,290.17	1,306.45	1,282.29	5.14	5.20	-88.10	131.37	116.14	111.89	100.62	11.27	9.928	
1,400.00	1,388.84	1,406.67	1,380.47	5.43	5.50	-88.03	140.44	131.46	118.48	106.63	11.85	10.000	
1,500.00	1,487.51	1,506.89	1,478.65	5.73	5.81	-87.96	149.52	146.78	125.07	112.63	12.45	10.048	
1,600.00	1,586.18	1,607.11	1,576.83	6.03	6.13	-87.91	158.60	162.09	131.66	118.60	13.06	10.079	
1,700.00	1,684.85	1,707.33	1,675.01	6.34	6.45	-87.86	167.68	177.41	138.26	124.56	13.69	10.097	
1,800.00	1,783.52	1,807.54	1,773.19	6.66	6.78	-87.81	176.76	192.73	144.85	130.53	14.32	10.112	
1,900.00	1,882.18	1,907.76	1,871.37	6.84	6.95	-87.77	185.83	208.05	151.44	137.16	14.28	10.603	
2,000.00	1,980.85	2,007.98	1,969.56	6.87	6.99	-87.73	194.91	223.37	158.04	143.68	14.36	11.006	
2,100.00	2,079.52	2,108.20	2,067.74	6.93	7.05	-87.69	203.99	238.69	164.63	150.16	14.47	11.380	
2,200.00	2,178.19	2,208.41	2,165.92	6.99	7.12	-87.66	213.07	254.01	171.22	156.62	14.61	11.723	
2,300.00	2,276.86	2,308.63	2,264.10	7.08	7.21	-87.63	222.15	269.33	177.82	163.04	14.78	12.035	
2,400.00	2,375.53	2,408.85	2,362.28	7.17	7.31	-87.60	231.22	284.65	184.41	169.44	14.97	12.315	
2,500.00	2,474.20	2,509.07	2,460.46	7.29	7.43	-87.58	240.30	299.97	191.00	175.80	15.20	12.565	
2,600.00	2,572.86	2,609.28	2,558.64	7.41	7.56	-87.55	249.38	315.29	197.60	182.14	15.45	12.786	
2,700.00	2,671.53	2,709.50	2,656.82	7.55	7.71	-87.53	258.46	330.61	204.19	188.46	15.73	12.978	
2,800.00	2,770.20	2,790.28	2,755.00	7.70	7.83	-87.51	267.54	345.93	210.78	194.78	16.01	13.169	
2,900.00	2,868.87	2,909.94	2,853.18	7.86	8.03	-87.49	276.61	361.25	217.38	201.02	16.36	13.285	
3,000.00	2,967.54	2,989.85	2,951.36	8.03	8.17	-87.47	285.69	376.57	223.97	207.30	16.67	13.433	
3,100.00	3,066.21	3,089.63	3,049.54	8.21	8.36	-87.45	294.77	391.88	230.57	213.53	17.04	13.533	
3,200.00	3,164.88	3,189.41	3,147.72	8.40	8.55	-87.43	303.85	407.20	237.16	219.74	17.42	13.614	
3,300.00	3,263.54	3,289.19	3,245.90	8.60	8.76	-87.42	312.92	422.52	243.75	225.93	17.82	13.677	
3,400.00	3,362.21	3,388.97	3,344.08	8.81	8.97	-87.40	322.00	437.84	250.35	232.11	18.24	13.726	
3,500.00	3,460.88	3,488.76	3,442.26	9.02	9.19	-87.39	331.08	453.16	256.94	238.27	18.67	13.762	
3,600.00	3,559.55	3,588.54	3,540.44	9.24	9.41	-87.37	340.16	468.48	263.53	244.42	19.12	13.785	
3,700.00	3,658.22	3,688.32	3,638.63	9.47	9.65	-87.36	349.24	483.80	270.13	250.55	19.58	13.799	
3,800.00	3,756.89	3,788.10	3,736.81	9.70	9.89	-87.35	358.31	499.12	276.72	256.67	20.05	13.803	
3,900.00	3,855.56	3,887.89	3,834.99	9.94	10.13	-87.34	367.39	514.44	283.31	262.78	20.53	13.799	
4,000.00	3,954.22	3,987.67	3,933.17	10.19	10.38	-87.32	376.47	529.76	289.91	268.88	21.02	13.789	
4,100.00	4,052.89	4,087.45	4,031.35	10.44	10.63	-87.31	385.55	545.08	296.50	274.97	21.53	13.773	
4,200.00	4,151.56	4,187.23	4,129.53	10.69	10.89	-87.30	394.63	560.40	303.10	281.06	22.04	13.752	
4,300.00	4,250.23	4,287.02	4,227.71	10.95	11.16	-87.29	403.70	575.72	309.69	287.13	22.56	13.727	
4,400.00	4,348.90	4,386.80	4,325.89	11.21	11.43	-87.28	412.78	591.04	316.28	293.19	23.09	13.698	
4,500.00	4,447.57	4,486.58	4,424.07	11.48	11.70	-87.28	421.86	606.36	322.88	299.25	23.63	13.667	
4,600.00	4,546.24	4,586.36	4,522.25	11.75	11.97	-87.27	430.94	621.67	329.47	305.30	24.17	13.632	
4,700.00	4,644.90	4,686.15	4,620.43	12.02	12.25	-87.26	440.01	636.99	336.06	311.35	24.72	13.596	
4,800.00	4,743.57	4,785.93	4,718.61	12.30	12.53	-87.25	449.09	652.31	342.66	317.39	25.27	13.559	
4,900.00	4,842.24	4,885.71	4,816.79	12.58	12.81	-87.24	458.17	667.63	349.25	323.42	25.83	13.520	
5,000.00	4,940.91	4,985.49	4,914.97	12.86	13.10	-87.24	467.25	682.95	355.85	329.45	26.40	13.479	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,039.58	5,085.27	5,013.15	13.14	13.39	-87.23	476.33	698.27	362.44	335.47	26.97	13.439		
5,200.00	5,138.25	5,185.06	5,111.33	13.43	13.68	-87.22	485.40	713.59	369.03	341.49	27.55	13.397		
5,300.00	5,236.92	5,284.84	5,209.52	13.71	13.97	-87.21	494.48	728.91	375.63	347.50	28.12	13.356		
5,400.00	5,335.58	5,384.62	5,307.70	14.00	14.27	-87.21	503.56	744.23	382.22	353.51	28.71	13.314		
5,500.00	5,434.25	5,484.40	5,405.88	14.30	14.56	-87.20	512.64	759.55	388.82	359.52	29.30	13.272		
5,600.00	5,532.92	5,584.19	5,504.06	14.59	14.86	-87.20	521.72	774.87	395.41	365.52	29.89	13.230		
5,700.00	5,631.59	5,683.97	5,602.24	14.88	15.16	-87.19	530.79	790.19	402.00	371.52	30.48	13.189		
5,800.00	5,730.26	5,783.75	5,700.42	15.18	15.47	-87.18	539.87	805.51	408.60	377.52	31.08	13.147		
5,900.00	5,828.93	5,883.53	5,798.60	15.48	15.77	-87.18	548.95	820.83	415.19	383.51	31.68	13.106		
6,000.00	5,927.60	5,983.32	5,896.78	15.78	16.07	-87.17	558.03	836.15	421.79	389.50	32.28	13.066		
6,100.00	6,026.27	6,083.10	5,994.96	16.08	16.38	-87.17	567.11	851.47	428.38	395.49	32.89	13.026		
6,200.00	6,124.93	6,182.88	6,093.14	16.38	16.69	-87.16	576.18	866.78	434.97	401.48	33.50	12.986		
6,300.00	6,223.60	6,282.66	6,191.32	16.68	17.00	-87.16	585.26	882.10	441.57	407.46	34.11	12.947		
6,400.00	6,322.27	6,382.45	6,289.50	16.99	17.31	-87.15	594.34	897.42	448.16	413.44	34.72	12.908		
6,500.00	6,420.94	6,482.23	6,387.68	17.29	17.62	-86.75	603.42	912.74	454.75	419.42	35.33	12.871		
6,600.00	6,520.52	6,581.60	6,485.46	17.48	17.93	0.73	612.46	928.00	460.45	424.63	35.82	12.854		
6,700.00	6,620.05	6,675.35	6,578.34	17.60	18.14	76.49	621.00	936.64	465.53	429.41	36.12	12.889		
6,800.00	6,717.09	6,771.01	6,673.37	17.66	18.30	82.68	629.62	931.31	470.96	434.67	36.29	12.977		
6,900.00	6,809.23	6,869.41	6,769.16	17.68	18.39	85.91	638.20	910.99	476.66	440.29	36.37	13.106		
7,000.00	6,894.22	6,970.83	6,863.43	17.66	18.44	88.38	646.51	874.81	482.49	446.12	36.38	13.263		
7,100.00	6,969.97	7,075.55	6,953.50	17.65	18.44	90.50	654.31	822.20	488.27	451.91	36.35	13.431		
7,200.00	7,034.59	7,183.73	7,036.24	17.67	18.42	92.40	661.31	753.06	493.73	457.39	36.34	13.585		
7,300.00	7,086.52	7,295.42	7,108.19	17.76	18.41	94.10	667.20	668.02	498.61	462.20	36.42	13.692		
7,400.00	7,124.46	7,410.52	7,165.70	17.95	18.47	95.58	671.65	568.61	502.59	465.94	36.65	13.715		
7,500.00	7,147.48	7,528.67	7,205.24	18.24	18.67	96.83	674.37	457.48	505.36	468.27	37.09	13.624		
7,600.00	7,155.01	7,649.31	7,223.84	18.62	19.05	97.81	675.12	338.46	506.65	468.88	37.78	13.411		
7,700.00	7,154.20	7,757.11	7,224.55	19.12	19.54	98.00	674.33	230.69	505.96	467.23	38.72	13.066		
7,800.00	7,153.37	7,857.11	7,223.84	19.75	20.14	98.03	673.47	130.70	504.99	465.10	39.89	12.659		
7,900.00	7,152.55	7,957.10	7,223.14	20.50	20.86	98.06	672.61	30.71	504.02	462.72	41.30	12.204		
8,000.00	7,151.73	8,057.10	7,222.43	21.36	21.68	98.08	671.75	-69.28	503.05	460.13	42.92	11.720		
8,100.00	7,150.90	8,157.09	7,221.72	22.30	22.59	98.11	670.89	-169.26	502.08	457.35	44.73	11.224		
8,200.00	7,150.08	8,257.09	7,221.02	23.33	23.59	98.14	670.03	-269.25	501.12	454.40	46.71	10.728		
8,300.00	7,149.25	8,357.08	7,220.31	24.43	24.66	98.17	669.17	-369.24	500.15	451.31	48.84	10.241		
8,400.00	7,148.43	8,457.08	7,219.60	25.59	25.79	98.20	668.31	-469.23	499.18	448.09	51.09	9.770		
8,500.00	7,147.60	8,557.07	7,218.90	26.81	26.98	98.23	667.45	-569.22	498.21	444.75	53.46	9.320		
8,600.00	7,146.78	8,657.07	7,218.19	28.07	28.21	98.26	666.59	-669.21	497.24	441.32	55.92	8.892		
8,700.00	7,145.96	8,757.06	7,217.48	29.38	29.49	98.29	665.73	-769.20	496.28	437.81	58.47	8.487		
8,800.00	7,145.13	8,857.06	7,216.78	30.72	30.81	98.32	664.87	-869.19	495.31	434.21	61.09	8.107		
8,900.00	7,144.31	8,957.05	7,216.07	32.09	32.16	98.35	664.01	-969.17	494.34	430.56	63.78	7.750		
9,000.00	7,143.48	9,057.05	7,215.36	33.49	33.53	98.38	663.15	-1,069.16	493.37	426.85	66.53	7.416		
9,100.00	7,142.66	9,157.04	7,214.66	34.92	34.94	98.41	662.30	-1,169.15	492.41	423.09	69.32	7.103		
9,200.00	7,141.83	9,257.04	7,213.95	36.36	36.36	98.44	661.44	-1,269.14	491.44	419.28	72.16	6.810		
9,300.00	7,141.01	9,357.03	7,213.25	37.83	37.81	98.47	660.58	-1,369.13	490.47	415.43	75.04	6.536		
9,400.00	7,140.18	9,457.03	7,212.54	39.31	39.27	98.51	659.72	-1,469.12	489.51	411.56	77.95	6.280		
9,500.00	7,139.36	9,557.02	7,211.83	40.80	40.75	98.54	658.86	-1,569.11	488.54	407.65	80.90	6.039		
9,600.00	7,138.54	9,657.02	7,211.13	42.31	42.24	98.57	658.00	-1,669.10	487.58	403.71	83.87	5.814		
9,700.00	7,137.71	9,757.01	7,210.42	43.84	43.75	98.60	657.14	-1,769.08	486.61	399.75	86.86	5.602		
9,800.00	7,136.89	9,857.01	7,209.71	45.37	45.27	98.63	656.28	-1,869.07	485.64	395.76	89.88	5.403		
9,900.00	7,136.06	9,957.00	7,209.01	46.91	46.80	98.66	655.42	-1,969.06	484.68	391.76	92.92	5.216		
10,000.00	7,135.24	10,057.00	7,208.30	48.46	48.34	98.69	654.56	-2,069.05	483.71	387.74	95.97	5.040		
10,100.00	7,134.41	10,156.99	7,207.59	50.02	49.89	98.72	653.70	-2,169.04	482.75	383.70	99.04	4.874		
10,200.00	7,133.59	10,256.99	7,206.89	51.59	51.44	98.76	652.84	-2,269.03	481.78	379.65	102.13	4.717		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	7,132.76	10,356.98	7,206.18	53.16	53.00	98.79	651.98	-2,369.02	480.82	375.59	105.23	4.569		
10,400.00	7,131.94	10,456.98	7,205.47	54.74	54.57	98.82	651.12	-2,469.01	479.85	371.51	108.34	4.429		
10,500.00	7,131.12	10,556.97	7,204.77	56.32	56.15	98.85	650.26	-2,569.00	478.89	367.42	111.46	4.296		
10,600.00	7,130.29	10,656.97	7,204.06	57.91	57.73	98.88	649.40	-2,668.98	477.92	363.33	114.59	4.171		
10,700.00	7,129.47	10,756.96	7,203.35	59.51	59.31	98.92	648.54	-2,768.97	476.96	359.22	117.73	4.051		
10,800.00	7,128.64	10,856.96	7,202.65	61.11	60.90	98.95	647.68	-2,868.96	475.99	355.11	120.88	3.938		
10,900.00	7,127.82	10,956.95	7,201.94	62.71	62.50	98.98	646.82	-2,968.95	475.03	350.99	124.04	3.830		
11,000.00	7,126.99	11,056.95	7,201.24	64.32	64.10	99.02	645.96	-3,068.94	474.06	346.86	127.21	3.727		
11,100.00	7,126.17	11,156.94	7,200.53	65.93	65.70	99.05	645.10	-3,168.93	473.10	342.72	130.38	3.629		
11,200.00	7,125.34	11,256.94	7,199.82	67.54	67.31	99.08	644.24	-3,268.92	472.14	338.58	133.56	3.535		
11,300.00	7,124.52	11,356.93	7,199.12	69.16	68.91	99.11	643.38	-3,368.91	471.17	334.43	136.74	3.446		
11,400.00	7,123.70	11,456.93	7,198.41	70.78	70.53	99.15	642.52	-3,468.89	470.21	330.28	139.93	3.360		
11,500.00	7,122.87	11,556.92	7,197.70	72.40	72.14	99.18	641.66	-3,568.88	469.25	326.13	143.12	3.279		
11,600.00	7,122.05	11,656.92	7,197.00	74.02	73.76	99.22	640.80	-3,668.87	468.28	321.97	146.32	3.200		
11,700.00	7,121.22	11,756.91	7,196.29	75.65	75.38	99.25	639.94	-3,768.86	467.32	317.80	149.52	3.126		
11,800.00	7,120.40	11,856.91	7,195.58	77.28	77.00	99.28	639.08	-3,868.85	466.36	313.63	152.72	3.054		
11,900.00	7,119.57	11,956.90	7,194.88	78.91	78.63	99.32	638.22	-3,968.84	465.39	309.46	155.93	2.985		
12,000.00	7,118.75	12,056.90	7,194.17	80.54	80.25	99.35	637.36	-4,068.83	464.43	305.29	159.14	2.918		
12,100.00	7,117.92	12,156.89	7,193.46	82.17	81.88	99.39	636.50	-4,168.82	463.47	301.11	162.36	2.855		
12,200.00	7,117.10	12,256.89	7,192.76	83.81	83.51	99.42	635.64	-4,268.80	462.51	296.93	165.58	2.793		
12,300.00	7,116.28	12,356.88	7,192.05	85.44	85.14	99.45	634.78	-4,368.79	461.54	292.75	168.80	2.734		
12,400.00	7,115.45	12,456.88	7,191.35	87.08	86.78	99.49	633.92	-4,468.78	460.58	288.56	172.02	2.678		
12,500.00	7,114.63	12,556.87	7,190.64	88.72	88.41	99.52	633.06	-4,568.77	459.62	284.38	175.24	2.623		
12,600.00	7,113.80	12,656.87	7,189.93	90.36	90.05	99.56	632.21	-4,668.76	458.66	280.19	178.47	2.570		
12,700.00	7,112.98	12,756.86	7,189.23	92.01	91.69	99.59	631.35	-4,768.75	457.70	276.00	181.70	2.519		
12,800.00	7,112.15	12,856.86	7,188.52	93.65	93.33	99.63	630.49	-4,868.74	456.74	271.81	184.93	2.470		
12,900.00	7,111.33	12,956.85	7,187.81	95.29	94.97	99.67	629.63	-4,968.73	455.78	267.61	188.16	2.422		
13,000.00	7,110.50	13,056.85	7,187.11	96.94	96.61	99.70	628.77	-5,068.72	454.81	263.42	191.40	2.376		
13,100.00	7,109.68	13,156.84	7,186.40	98.59	98.25	99.74	627.91	-5,168.70	453.85	259.22	194.63	2.332		
13,200.00	7,108.86	13,256.84	7,185.69	100.23	99.89	99.77	627.05	-5,268.69	452.89	255.03	197.87	2.289		
13,300.00	7,108.03	13,356.83	7,184.99	101.88	101.54	99.81	626.19	-5,368.68	451.93	250.83	201.11	2.247		
13,400.00	7,107.21	13,456.83	7,184.28	103.53	103.18	99.85	625.33	-5,468.67	450.97	246.63	204.35	2.207		
13,500.00	7,106.38	13,556.82	7,183.57	105.18	104.83	99.88	624.47	-5,568.66	450.01	242.43	207.59	2.168		
13,600.00	7,105.56	13,656.82	7,182.87	106.83	106.48	99.92	623.61	-5,668.65	449.05	238.23	210.83	2.130		
13,700.00	7,104.73	13,756.81	7,182.16	108.49	108.13	99.96	622.75	-5,768.64	448.09	234.03	214.07	2.093		
13,800.00	7,103.91	13,856.81	7,181.45	110.14	109.77	99.99	621.89	-5,868.63	447.13	229.82	217.31	2.058		
13,900.00	7,103.09	13,956.80	7,180.75	111.79	111.42	100.03	621.03	-5,968.61	446.18	225.62	220.55	2.023		
14,000.00	7,102.26	14,056.80	7,180.04	113.44	113.08	100.07	620.17	-6,068.60	445.22	221.42	223.80	1.989		
14,100.00	7,101.44	14,156.79	7,179.34	115.10	114.73	100.10	619.31	-6,168.59	444.26	217.22	227.04	1.957		
14,200.00	7,100.61	14,256.79	7,178.63	116.75	116.38	100.14	618.45	-6,268.58	443.30	213.01	230.29	1.925		
14,300.00	7,099.79	14,356.78	7,177.92	118.41	118.03	100.18	617.59	-6,368.57	442.34	208.81	233.53	1.894		
14,400.00	7,098.96	14,456.78	7,177.22	120.07	119.68	100.22	616.73	-6,468.56	441.38	204.61	236.78	1.864		
14,500.00	7,098.14	14,556.77	7,176.51	121.72	121.34	100.26	615.87	-6,568.55	440.42	200.40	240.02	1.835		
14,600.00	7,097.31	14,656.77	7,175.80	123.38	122.99	100.29	615.01	-6,668.54	439.47	196.20	243.27	1.807		
14,700.00	7,096.49	14,756.76	7,175.10	125.04	124.65	100.33	614.15	-6,768.52	438.51	191.99	246.52	1.779		
14,800.00	7,095.67	14,856.76	7,174.39	126.70	126.30	100.37	613.29	-6,868.51	437.55	187.79	249.76	1.752		
14,900.00	7,094.84	14,956.75	7,173.68	128.35	127.96	100.41	612.43	-6,968.50	436.59	183.59	253.01	1.726		
15,000.00	7,094.02	15,056.75	7,172.98	130.01	129.61	100.45	611.57	-7,068.49	435.64	179.38	256.25	1.700		
15,100.00	7,093.19	15,156.74	7,172.27	131.67	131.27	100.49	610.71	-7,168.48	434.68	175.18	259.50	1.675		
15,101.99	7,093.18	15,158.73	7,172.26	131.71	131.30	100.49	610.70	-7,170.47	434.66	175.10	259.57	1.675 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	175.24	-20.04	1.67	20.11					
100.00	100.00	101.00	101.00	3.28	3.28	175.24	-20.04	1.67	20.11	12.58	7.53	2.671		
200.00	200.00	201.00	201.00	3.31	3.31	175.24	-20.04	1.67	20.11	12.53	7.57	2.655 CC		
203.74	203.74	204.74	204.74	3.31	3.31	94.23	-20.04	1.67	20.11	12.53	7.58	2.654		
300.00	300.00	300.99	300.97	3.35	3.35	90.41	-19.85	3.44	20.14	12.48	7.66	2.630		
400.00	399.93	400.91	400.74	3.41	3.42	85.44	-19.30	8.67	20.48	12.70	7.79	2.631		
500.00	499.68	500.77	500.21	3.50	3.51	80.77	-18.39	17.36	21.15	13.19	7.96	2.657		
600.00	599.13	600.56	599.26	3.61	3.62	76.54	-17.11	29.47	22.12	13.94	8.18	2.703		
700.00	698.15	700.36	697.84	3.76	3.78	73.08	-15.49	44.92	23.34	14.87	8.47	2.756		
800.00	796.83	800.36	796.45	3.93	3.96	72.92	-13.76	61.38	24.26	15.45	8.82	2.751		
900.00	895.50	900.35	895.07	4.14	4.18	72.90	-12.03	77.85	25.17	15.95	9.22	2.730		
1,000.00	994.17	1,000.35	993.68	4.36	4.41	72.89	-10.30	94.31	26.08	16.42	9.66	2.699		
1,100.00	1,092.84	1,100.34	1,092.30	4.61	4.66	72.87	-8.57	110.78	26.99	16.85	10.15	2.660		
1,200.00	1,191.50	1,200.34	1,190.92	4.87	4.93	72.86	-6.84	127.24	27.90	17.24	10.66	2.618		
1,300.00	1,290.17	1,300.34	1,289.53	5.14	5.21	72.84	-5.11	143.71	28.81	17.61	11.20	2.573		
1,400.00	1,388.84	1,400.33	1,388.15	5.43	5.51	72.83	-3.38	160.17	29.72	17.96	11.76	2.528		
1,500.00	1,487.51	1,500.33	1,486.76	5.73	5.81	72.82	-1.65	176.64	30.63	18.29	12.34	2.482		
1,600.00	1,586.18	1,600.32	1,585.38	6.03	6.12	72.81	0.08	193.10	31.54	18.60	12.93	2.438		
1,700.00	1,684.85	1,700.32	1,684.00	6.34	6.44	72.80	1.81	209.57	32.44	18.90	13.54	2.395		
1,800.00	1,783.52	1,800.31	1,782.61	6.66	6.76	72.79	3.54	226.03	33.35	19.19	14.17	2.354		
1,900.00	1,882.18	1,900.31	1,881.23	6.84	6.94	72.78	5.28	242.50	34.26	20.14	14.13	2.426		
2,000.00	1,980.85	2,000.31	1,979.84	6.87	6.98	72.77	7.01	258.96	35.17	20.98	14.20	2.478		
2,100.00	2,079.52	2,100.30	2,078.46	6.93	7.03	72.76	8.74	275.43	36.08	21.78	14.30	2.524		
2,200.00	2,178.19	2,200.30	2,177.07	6.99	7.10	72.75	10.47	291.89	36.99	22.56	14.43	2.564		
2,300.00	2,276.86	2,300.29	2,275.69	7.08	7.19	72.75	12.20	308.36	37.90	23.31	14.59	2.598		
2,400.00	2,375.53	2,400.29	2,374.31	7.17	7.29	72.74	13.93	324.82	38.81	24.03	14.78	2.626		
2,500.00	2,474.20	2,500.29	2,472.92	7.29	7.40	72.73	15.66	341.29	39.72	24.72	15.00	2.649		
2,600.00	2,572.86	2,600.28	2,571.54	7.41	7.52	72.72	17.39	357.75	40.62	25.39	15.24	2.666		
2,700.00	2,671.53	2,700.28	2,670.15	7.55	7.66	72.72	19.12	374.22	41.53	26.03	15.50	2.679		
2,800.00	2,770.20	2,800.27	2,768.77	7.70	7.81	72.71	20.85	390.68	42.44	26.65	15.80	2.687		
2,900.00	2,868.87	2,900.27	2,867.39	7.86	7.97	72.71	22.58	407.15	43.35	27.24	16.11	2.691		
3,000.00	2,967.54	3,000.27	2,966.00	8.03	8.15	72.70	24.31	423.61	44.26	27.82	16.44	2.692		
3,100.00	3,066.21	3,100.26	3,064.62	8.21	8.33	72.69	26.04	440.08	45.17	28.37	16.79	2.690		
3,200.00	3,164.88	3,200.26	3,163.23	8.40	8.52	72.69	27.77	456.54	46.08	28.91	17.17	2.684		
3,300.00	3,263.54	3,300.25	3,261.85	8.60	8.72	72.68	29.50	473.01	46.99	29.43	17.55	2.677		
3,400.00	3,362.21	3,400.25	3,360.46	8.81	8.93	72.68	31.23	489.47	47.90	29.94	17.96	2.667		
3,500.00	3,460.88	3,500.24	3,459.08	9.02	9.14	72.68	32.96	505.94	48.80	30.43	18.38	2.656		
3,600.00	3,559.55	3,600.24	3,557.70	9.24	9.37	72.67	34.69	522.40	49.71	30.90	18.81	2.643		
3,700.00	3,658.22	3,700.24	3,656.31	9.47	9.60	72.67	36.43	538.87	50.62	31.37	19.26	2.629		
3,800.00	3,756.89	3,800.23	3,754.93	9.70	9.83	72.66	38.16	555.33	51.53	31.82	19.71	2.614		
3,900.00	3,855.56	3,900.23	3,853.54	9.94	10.07	72.66	39.89	571.80	52.44	32.26	20.18	2.598		
4,000.00	3,954.22	4,000.22	3,952.16	10.19	10.32	72.65	41.62	588.26	53.35	32.69	20.66	2.582		
4,100.00	4,052.89	4,100.22	4,050.78	10.44	10.57	72.65	43.35	604.73	54.26	33.11	21.15	2.565		
4,200.00	4,151.56	4,200.22	4,149.39	10.69	10.83	72.65	45.08	621.19	55.17	33.52	21.65	2.548		
4,300.00	4,250.23	4,300.21	4,248.01	10.95	11.09	72.64	46.81	637.66	56.07	33.92	22.15	2.531		
4,400.00	4,348.90	4,400.21	4,346.62	11.21	11.35	72.64	48.54	654.12	56.98	34.32	22.67	2.514		
4,500.00	4,447.57	4,500.20	4,445.24	11.48	11.62	72.64	50.27	670.59	57.89	34.70	23.19	2.497		
4,600.00	4,546.24	4,600.20	4,543.85	11.75	11.89	72.63	52.00	687.05	58.80	35.09	23.72	2.479		
4,700.00	4,644.90	4,700.20	4,642.47	12.02	12.16	72.63	53.73	703.52	59.71	35.46	24.25	2.462		
4,800.00	4,743.57	4,800.19	4,741.09	12.30	12.44	72.63	55.46	719.98	60.62	35.83	24.79	2.445		
4,900.00	4,842.24	4,900.19	4,839.70	12.58	12.72	72.63	57.19	736.45	61.53	36.19	25.34	2.429		
5,000.00	4,940.91	5,000.18	4,938.32	12.86	13.00	72.62	58.92	752.91	62.44	36.55	25.89	2.412		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,039.58	5,100.18	5,036.93	13.14	13.29	72.62	60.65	769.38	63.35	36.90	26.44	2.396		
5,200.00	5,138.25	5,200.17	5,135.55	13.43	13.58	72.62	62.38	785.84	64.25	37.25	27.00	2.380		
5,300.00	5,236.92	5,300.17	5,234.17	13.71	13.87	72.61	64.11	802.31	65.16	37.60	27.56	2.364		
5,400.00	5,335.58	5,400.17	5,332.78	14.00	14.16	72.61	65.84	818.77	66.07	37.94	28.13	2.349		
5,500.00	5,434.25	5,500.16	5,431.40	14.30	14.45	72.61	67.57	835.24	66.98	38.28	28.70	2.333		
5,600.00	5,532.92	5,600.16	5,530.01	14.59	14.75	72.61	69.31	851.70	67.89	38.61	29.28	2.319		
5,700.00	5,631.59	5,700.15	5,628.63	14.88	15.04	72.60	71.04	868.17	68.80	38.94	29.86	2.304		
5,800.00	5,730.26	5,800.15	5,727.24	15.18	15.34	72.60	72.77	884.63	69.71	39.27	30.44	2.290		
5,900.00	5,828.93	5,900.15	5,825.86	15.48	15.64	72.60	74.50	901.10	70.62	39.59	31.02	2.276		
6,000.00	5,927.60	6,000.14	5,924.48	15.78	15.94	72.60	76.23	917.56	71.53	39.91	31.61	2.263		
6,100.00	6,026.27	6,100.14	6,023.09	16.08	16.25	72.60	77.96	934.03	72.43	40.23	32.20	2.249		
6,200.00	6,124.93	6,200.13	6,121.71	16.38	16.55	72.59	79.69	950.49	73.34	40.55	32.79	2.237		
6,300.00	6,223.60	6,300.13	6,220.32	16.68	16.86	72.59	81.42	966.96	74.25	40.86	33.39	2.224		
6,400.00	6,322.27	6,400.37	6,319.18	16.99	17.16	72.60	83.15	983.45	75.15	41.17	33.99	2.211		
6,500.00	6,420.94	6,504.72	6,423.10	17.29	17.36	79.63	84.83	991.36	72.66	37.90	34.77	2.090		
6,600.00	6,520.52	6,605.93	6,523.83	17.48	17.47	179.30	86.19	982.74	70.05	34.59	35.46	1.976		
6,616.84	6,537.35	6,622.71	6,540.35	17.50	17.48	-136.55	86.39	979.77	69.99	34.47	35.53	1.970		
6,700.00	6,620.05	6,704.58	6,619.50	17.60	17.52	-93.55	87.24	959.09	71.35	35.68	35.67	2.000		
6,800.00	6,717.09	6,800.89	6,708.28	17.66	17.53	-77.37	87.98	922.03	76.23	40.90	35.33	2.158		
6,900.00	6,809.23	6,895.09	6,788.76	17.68	17.51	-66.35	88.40	873.23	83.66	49.09	34.57	2.420		
7,000.00	6,894.22	6,987.44	6,859.83	17.66	17.49	-58.32	88.53	814.39	92.47	58.84	33.63	2.750		
7,100.00	6,969.97	7,078.19	6,920.67	17.65	17.50	-52.49	88.37	747.16	101.68	68.95	32.73	3.106		
7,200.00	7,034.59	7,167.59	6,970.67	17.67	17.56	-48.30	87.94	673.13	110.55	78.50	32.06	3.449		
7,300.00	7,086.52	7,255.89	7,009.40	17.76	17.68	-45.36	87.26	593.87	118.56	86.85	31.71	3.739		
7,400.00	7,124.46	7,343.31	7,036.59	17.95	17.87	-43.39	86.35	510.86	125.32	93.56	31.76	3.945		
7,500.00	7,147.48	7,430.09	7,052.08	18.24	18.15	-42.20	85.23	425.55	130.60	98.38	32.22	4.054		
7,600.00	7,155.01	7,517.79	7,055.90	18.62	18.50	-41.72	83.90	338.00	134.17	101.16	33.00	4.065		
7,700.00	7,154.20	7,617.78	7,054.82	19.12	19.02	-42.19	82.30	238.04	135.52	101.63	33.90	3.998		
7,800.00	7,153.37	7,717.76	7,053.74	19.75	19.67	-42.66	80.70	138.07	136.88	101.91	34.97	3.914		
7,900.00	7,152.55	7,817.75	7,052.66	20.50	20.43	-43.12	79.10	38.10	138.25	102.04	36.21	3.818		
8,000.00	7,151.73	7,917.73	7,051.58	21.36	21.30	-43.56	77.50	-61.86	139.63	102.02	37.61	3.712		
8,100.00	7,150.90	8,017.72	7,050.50	22.30	22.26	-44.00	75.90	-161.83	141.01	101.86	39.16	3.601		
8,200.00	7,150.08	8,117.70	7,049.42	23.33	23.30	-44.44	74.29	-261.79	142.40	101.57	40.83	3.487		
8,300.00	7,149.25	8,217.69	7,048.35	24.43	24.41	-44.86	72.69	-361.76	143.81	101.17	42.63	3.373		
8,400.00	7,148.43	8,317.67	7,047.27	25.59	25.58	-45.27	71.09	-461.73	145.21	100.67	44.54	3.260		
8,500.00	7,147.60	8,417.65	7,046.19	26.81	26.81	-45.68	69.49	-561.69	146.63	100.08	46.55	3.150		
8,600.00	7,146.78	8,517.64	7,045.11	28.07	28.08	-46.08	67.89	-661.66	148.05	99.41	48.64	3.044		
8,700.00	7,145.96	8,617.62	7,044.03	29.38	29.39	-46.47	66.29	-761.62	149.49	98.66	50.82	2.941		
8,800.00	7,145.13	8,717.61	7,042.95	30.72	30.74	-46.85	64.69	-861.59	150.92	97.85	53.07	2.844		
8,900.00	7,144.31	8,817.59	7,041.87	32.09	32.11	-47.23	63.09	-961.56	152.37	96.98	55.39	2.751		
9,000.00	7,143.48	8,917.58	7,040.80	33.49	33.52	-47.60	61.49	-1,061.52	153.82	96.05	57.76	2.663		
9,100.00	7,142.66	9,017.56	7,039.72	34.92	34.95	-47.96	59.89	-1,161.49	155.27	95.08	60.20	2.579		
9,200.00	7,141.83	9,117.55	7,038.64	36.36	36.40	-48.32	58.29	-1,261.45	156.74	94.06	62.68	2.501		
9,300.00	7,141.01	9,217.53	7,037.56	37.83	37.86	-48.67	56.69	-1,361.42	158.21	93.00	65.21	2.426		
9,400.00	7,140.18	9,317.52	7,036.48	39.31	39.35	-49.01	55.08	-1,461.39	159.68	91.91	67.78	2.356		
9,500.00	7,139.36	9,417.50	7,035.40	40.80	40.85	-49.35	53.48	-1,561.35	161.16	90.78	70.39	2.290		
9,600.00	7,138.54	9,517.49	7,034.32	42.31	42.36	-49.68	51.88	-1,661.32	162.65	89.62	73.03	2.227		
9,700.00	7,137.71	9,617.47	7,033.24	43.84	43.88	-50.00	50.28	-1,761.28	164.14	88.43	75.71	2.168		
9,800.00	7,136.89	9,717.45	7,032.17	45.37	45.42	-50.32	48.68	-1,861.25	165.63	87.22	78.42	2.112		
9,900.00	7,136.06	9,817.44	7,031.09	46.91	46.96	-50.63	47.08	-1,961.22	167.14	85.98	81.16	2.059		
10,000.00	7,135.24	9,917.42	7,030.01	48.46	48.51	-50.94	45.48	-2,061.18	168.64	84.72	83.92	2.010		
10,100.00	7,134.41	10,017.41	7,028.93	50.02	50.07	-51.24	43.88	-2,161.15	170.15	83.44	86.71	1.962		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
10,200.00	7,133.59	10,117.39	7,027.85	51.59	51.64	-51.54	42.28	-2,261.11	171.67	82.14	89.52	1.918	
10,300.00	7,132.76	10,217.38	7,026.77	53.16	53.21	-51.83	40.68	-2,361.08	173.19	80.83	92.36	1.875	
10,400.00	7,131.94	10,317.36	7,025.69	54.74	54.79	-52.12	39.08	-2,461.04	174.71	79.50	95.22	1.835	
10,500.00	7,131.12	10,417.35	7,024.62	56.32	56.38	-52.40	37.47	-2,561.01	176.24	78.15	98.09	1.797	
10,600.00	7,130.29	10,517.33	7,023.54	57.91	57.97	-52.67	35.87	-2,660.98	177.77	76.79	100.98	1.760	
10,700.00	7,129.47	10,617.32	7,022.46	59.51	59.56	-52.95	34.27	-2,760.94	179.31	75.42	103.89	1.726	
10,800.00	7,128.64	10,717.30	7,021.38	61.11	61.16	-53.21	32.67	-2,860.91	180.85	74.03	106.82	1.693	
10,900.00	7,127.82	10,817.29	7,020.30	62.71	62.76	-53.48	31.07	-2,960.87	182.40	72.63	109.76	1.662	
11,000.00	7,126.99	10,917.27	7,019.22	64.32	64.37	-53.73	29.47	-3,060.84	183.95	71.23	112.72	1.632	
11,100.00	7,126.17	11,017.25	7,018.14	65.93	65.98	-53.99	27.87	-3,160.81	185.50	69.81	115.69	1.603	
11,200.00	7,125.34	11,117.24	7,017.07	67.54	67.59	-54.24	26.27	-3,260.77	187.05	68.38	118.67	1.576	
11,300.00	7,124.52	11,217.22	7,015.99	69.16	69.20	-54.48	24.67	-3,360.74	188.61	66.94	121.67	1.550	
11,400.00	7,123.70	11,317.21	7,014.91	70.78	70.82	-54.72	23.07	-3,460.70	190.18	65.50	124.68	1.525	
11,500.00	7,122.87	11,417.19	7,013.83	72.40	72.44	-54.96	21.47	-3,560.67	191.74	64.04	127.70	1.502	
11,600.00	7,122.05	11,517.18	7,012.75	74.02	74.06	-55.20	19.87	-3,660.64	193.31	62.58	130.73	1.479	Level 3
11,700.00	7,121.22	11,617.16	7,011.67	75.65	75.69	-55.43	18.26	-3,760.60	194.88	61.11	133.77	1.457	Level 3
11,800.00	7,120.40	11,717.15	7,010.59	77.28	77.32	-55.65	16.66	-3,860.57	196.46	59.64	136.82	1.436	Level 3
11,900.00	7,119.57	11,817.13	7,009.51	78.91	78.95	-55.87	15.06	-3,960.53	198.04	58.16	139.88	1.416	Level 3
12,000.00	7,118.75	11,917.12	7,008.44	80.54	80.58	-56.09	13.46	-4,060.50	199.62	56.67	142.95	1.396	Level 3
12,100.00	7,117.92	12,017.10	7,007.36	82.17	82.21	-56.31	11.86	-4,160.47	201.20	55.18	146.03	1.378	Level 3
12,200.00	7,117.10	12,117.08	7,006.28	83.81	83.84	-56.52	10.26	-4,260.43	202.79	53.68	149.11	1.360	Level 3
12,300.00	7,116.28	12,217.07	7,005.20	85.44	85.48	-56.73	8.66	-4,360.40	204.38	52.18	152.20	1.343	Level 3
12,400.00	7,115.45	12,317.05	7,004.12	87.08	87.12	-56.94	7.06	-4,460.36	205.97	50.67	155.31	1.326	Level 3
12,500.00	7,114.63	12,417.04	7,003.04	88.72	88.75	-57.14	5.46	-4,560.33	207.57	49.16	158.41	1.310	Level 3
12,600.00	7,113.80	12,517.02	7,001.96	90.36	90.39	-57.34	3.86	-4,660.30	209.17	47.64	161.53	1.295	Level 3
12,700.00	7,112.98	12,617.01	7,000.89	92.01	92.03	-57.53	2.26	-4,760.26	210.77	46.12	164.65	1.280	Level 3
12,800.00	7,112.15	12,716.99	6,999.81	93.65	93.68	-57.73	0.66	-4,860.23	212.37	44.59	167.78	1.266	Level 3
12,900.00	7,111.33	12,816.98	6,998.73	95.29	95.32	-57.92	-0.95	-4,960.19	213.97	43.06	170.91	1.252	Level 3
13,000.00	7,110.50	12,916.96	6,997.65	96.94	96.96	-58.11	-2.55	-5,060.16	215.58	41.53	174.05	1.239	Level 2
13,100.00	7,109.68	13,016.95	6,996.57	98.59	98.61	-58.29	-4.15	-5,160.13	217.19	39.99	177.20	1.226	Level 2
13,200.00	7,108.86	13,116.93	6,995.49	100.23	100.25	-58.47	-5.75	-5,260.09	218.80	38.45	180.35	1.213	Level 2
13,300.00	7,108.03	13,216.92	6,994.41	101.88	101.90	-58.65	-7.35	-5,360.06	220.42	36.91	183.51	1.201	Level 2
13,400.00	7,107.21	13,316.90	6,993.34	103.53	103.55	-58.83	-8.95	-5,460.02	222.03	35.37	186.67	1.189	Level 2
13,500.00	7,106.38	13,416.88	6,992.26	105.18	105.20	-59.00	-10.55	-5,559.99	223.65	33.82	189.83	1.178	Level 2
13,600.00	7,105.56	13,516.87	6,991.18	106.83	106.85	-59.18	-12.15	-5,659.96	225.27	32.27	193.00	1.167	Level 2
13,700.00	7,104.73	13,616.85	6,990.10	108.49	108.50	-59.35	-13.75	-5,759.92	226.89	30.72	196.18	1.157	Level 2
13,800.00	7,103.91	13,716.84	6,989.02	110.14	110.15	-59.51	-15.35	-5,859.89	228.52	29.16	199.36	1.146	Level 2
13,900.00	7,103.09	13,816.82	6,987.94	111.79	111.80	-59.68	-16.95	-5,959.85	230.15	27.60	202.54	1.136	Level 2
14,000.00	7,102.26	13,916.81	6,986.86	113.44	113.45	-59.84	-18.56	-6,059.82	231.77	26.04	205.73	1.127	Level 2
14,100.00	7,101.44	14,016.79	6,985.78	115.10	115.10	-60.00	-20.16	-6,159.79	233.40	24.48	208.92	1.117	Level 2
14,200.00	7,100.61	14,116.78	6,984.71	116.75	116.76	-60.16	-21.76	-6,259.75	235.04	22.92	212.12	1.108	Level 2
14,300.00	7,099.79	14,216.76	6,983.63	118.41	118.41	-60.31	-23.36	-6,359.72	236.67	21.35	215.32	1.099	Level 2
14,400.00	7,098.96	14,316.75	6,982.55	120.07	120.06	-60.47	-24.96	-6,459.68	238.30	19.78	218.52	1.091	Level 2
14,500.00	7,098.14	14,416.73	6,981.47	121.72	121.72	-60.62	-26.56	-6,559.65	239.94	18.21	221.73	1.082	Level 2
14,600.00	7,097.31	14,516.72	6,980.39	123.38	123.37	-60.77	-28.16	-6,659.62	241.58	16.64	224.94	1.074	Level 2
14,700.00	7,096.49	14,616.70	6,979.31	125.04	125.03	-60.92	-29.76	-6,759.58	243.22	15.07	228.15	1.066	Level 2
14,800.00	7,095.67	14,716.68	6,978.23	126.70	126.69	-61.06	-31.36	-6,859.55	244.86	13.49	231.37	1.058	Level 2
14,900.00	7,094.84	14,816.67	6,977.16	128.35	128.34	-61.20	-32.96	-6,959.51	246.50	11.92	234.59	1.051	Level 2
15,000.00	7,094.02	14,930.86	6,976.08	130.01	130.24	-61.35	-34.56	-7,059.48	248.15	10.13	238.02	1.043	Level 2
15,100.00	7,093.19	15,016.64	6,975.00	131.67	131.66	-61.49	-36.16	-7,159.45	249.80	8.76	241.03	1.036	Level 2
15,101.99	7,093.18	15,018.63	6,974.98	131.71	131.69	-61.49	-36.20	-7,161.44	249.83	8.73	241.10	1.036	Level 2, ES, SF

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
0.00	0.00	1.00	1.00	3.28	3.28	175.37	-99.46	8.06	99.78					
100.00	100.00	101.00	101.00	3.28	3.28	175.37	-99.46	8.06	99.78	92.25	7.53	13.253		
200.00	200.00	201.00	201.00	3.31	3.31	175.37	-99.46	8.06	99.78	92.21	7.57	13.174 CC		
200.03	200.03	201.03	201.03	3.31	3.31	175.37	-99.46	8.06	99.78	92.21	7.57	13.174		
300.00	300.00	301.00	301.00	3.35	3.35	94.61	-99.46	8.06	99.82	92.15	7.66	13.025 ES		
400.00	399.93	399.04	399.02	3.41	3.41	95.72	-100.31	9.54	101.10	93.32	7.78	12.988		
500.00	499.68	497.05	496.89	3.50	3.49	97.06	-102.84	13.93	104.66	96.72	7.94	13.176		
600.00	599.13	594.94	594.42	3.61	3.59	98.52	-107.04	21.20	110.53	102.38	8.15	13.557		
700.00	698.15	692.63	691.41	3.76	3.71	99.99	-112.89	31.33	118.71	110.29	8.42	14.101		
800.00	796.83	790.11	787.72	3.93	3.87	101.05	-120.37	44.28	128.98	120.24	8.75	14.748		
900.00	895.50	887.79	883.70	4.14	4.07	100.82	-129.46	60.03	140.81	131.68	9.13	15.424		
1,000.00	994.17	987.03	981.01	4.36	4.31	100.30	-139.18	76.86	153.10	143.53	9.57	15.994		
1,100.00	1,092.84	1,086.26	1,078.31	4.61	4.57	99.85	-148.90	93.70	165.40	155.34	10.06	16.446		
1,200.00	1,191.50	1,185.49	1,175.62	4.87	4.86	99.46	-158.62	110.54	177.71	167.14	10.58	16.799		
1,300.00	1,290.17	1,284.72	1,272.93	5.14	5.16	99.13	-168.34	127.38	190.03	178.90	11.13	17.074		
1,400.00	1,388.84	1,383.96	1,370.24	5.43	5.48	98.83	-178.07	144.22	202.36	190.65	11.71	17.286		
1,500.00	1,487.51	1,483.19	1,467.55	5.73	5.81	98.57	-187.79	161.06	214.69	202.38	12.31	17.447		
1,600.00	1,586.18	1,582.42	1,564.86	6.03	6.02	98.33	-197.51	177.90	227.02	214.22	12.80	17.737		
1,700.00	1,684.85	1,681.65	1,662.17	6.34	6.10	98.13	-207.23	194.74	239.36	226.19	13.17	18.176		
1,800.00	1,783.52	1,780.89	1,759.48	6.66	6.16	97.94	-216.96	211.58	251.70	238.16	13.54	18.591		
1,900.00	1,882.18	1,880.12	1,856.78	6.84	6.24	97.77	-226.68	228.42	264.04	250.64	13.41	19.697		
2,000.00	1,980.85	1,979.35	1,954.09	6.87	6.35	97.61	-236.40	245.26	276.39	262.85	13.53	20.421		
2,100.00	2,079.52	2,078.58	2,051.40	6.93	6.47	97.47	-246.12	262.10	288.73	275.03	13.70	21.080		
2,200.00	2,178.19	2,177.82	2,148.71	6.99	6.61	97.34	-255.84	278.93	301.08	287.19	13.89	21.673		
2,300.00	2,276.86	2,277.05	2,246.02	7.08	6.77	97.22	-265.57	295.77	313.43	299.31	14.12	22.201		
2,400.00	2,375.53	2,376.28	2,343.33	7.17	6.94	97.10	-275.29	312.61	325.78	311.41	14.37	22.666		
2,500.00	2,474.20	2,475.51	2,440.64	7.29	7.12	97.00	-285.01	329.45	338.13	323.48	14.66	23.072		
2,600.00	2,572.86	2,574.75	2,537.95	7.41	7.32	96.91	-294.73	346.29	350.48	335.52	14.96	23.422		
2,700.00	2,671.53	2,673.98	2,635.26	7.55	7.54	96.82	-304.45	363.13	362.84	347.54	15.30	23.719		
2,800.00	2,770.20	2,773.21	2,732.56	7.70	7.76	96.73	-314.18	379.97	375.19	359.54	15.65	23.969		
2,900.00	2,868.87	2,872.44	2,829.87	7.86	7.99	96.65	-323.90	396.81	387.55	371.52	16.03	24.177		
3,000.00	2,967.54	2,971.68	2,927.18	8.03	8.24	96.58	-333.62	413.65	399.90	383.48	16.43	24.345		
3,100.00	3,066.21	3,070.91	3,024.49	8.21	8.49	96.51	-343.34	430.49	412.26	395.42	16.84	24.479		
3,200.00	3,164.88	3,170.14	3,121.80	8.40	8.75	96.45	-353.06	447.33	424.61	407.34	17.27	24.583		
3,300.00	3,263.54	3,269.37	3,219.11	8.60	9.01	96.39	-362.79	464.17	436.97	419.25	17.72	24.660		
3,400.00	3,362.21	3,368.61	3,316.42	8.81	9.29	96.33	-372.51	481.00	449.33	431.15	18.18	24.714		
3,500.00	3,460.88	3,467.84	3,413.73	9.02	9.57	96.27	-382.23	497.84	461.69	443.03	18.66	24.747		
3,600.00	3,559.55	3,567.07	3,511.03	9.24	9.85	96.22	-391.95	514.68	474.05	454.90	19.14	24.763		
3,700.00	3,658.22	3,666.30	3,608.34	9.47	10.14	96.17	-401.68	531.52	486.41	466.76	19.64	24.763		
3,800.00	3,756.89	3,765.54	3,705.65	9.70	10.44	96.13	-411.40	548.36	498.77	478.61	20.15	24.751		
3,900.00	3,855.56	3,864.77	3,802.96	9.94	10.73	96.08	-421.12	565.20	511.12	490.45	20.67	24.727		
4,000.00	3,954.22	3,964.00	3,900.27	10.19	11.04	96.04	-430.84	582.04	523.48	502.29	21.20	24.695		
4,100.00	4,052.89	4,063.23	3,997.58	10.44	11.34	96.00	-440.56	598.88	535.85	514.11	21.73	24.654		
4,200.00	4,151.56	4,162.47	4,094.89	10.69	11.65	95.96	-450.29	615.72	548.21	525.93	22.28	24.607		
4,300.00	4,250.23	4,261.70	4,192.20	10.95	11.96	95.92	-460.01	632.56	560.57	537.74	22.83	24.554		
4,400.00	4,348.90	4,360.93	4,289.51	11.21	12.28	95.89	-469.73	649.40	572.93	549.54	23.39	24.497		
4,500.00	4,447.57	4,460.16	4,386.81	11.48	12.60	95.85	-479.45	666.24	585.29	561.34	23.95	24.436		
4,600.00	4,546.24	4,559.40	4,484.12	11.75	12.92	95.82	-489.17	683.08	597.65	573.13	24.52	24.373		
4,700.00	4,644.90	4,658.63	4,581.43	12.02	13.24	95.79	-498.90	699.91	610.01	584.91	25.10	24.307		
4,800.00	4,743.57	4,757.86	4,678.74	12.30	13.56	95.76	-508.62	716.75	622.37	596.70	25.68	24.239		
4,900.00	4,842.24	4,857.09	4,776.05	12.58	13.89	95.73	-518.34	733.59	634.73	608.47	26.26	24.170		
5,000.00	4,940.91	4,956.33	4,873.36	12.86	14.22	95.70	-528.06	750.43	647.10	620.25	26.85	24.100		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,039.58	5,055.56	4,970.67	13.14	14.55	95.68	-537.78	767.27	659.46	632.02	27.44	24.030		
5,200.00	5,138.25	5,154.79	5,067.98	13.43	14.88	95.65	-547.51	784.11	671.82	643.78	28.04	23.959		
5,300.00	5,236.92	5,254.02	5,165.29	13.71	15.21	95.63	-557.23	800.95	684.18	655.54	28.64	23.889		
5,400.00	5,335.58	5,353.26	5,262.59	14.00	15.55	95.60	-566.95	817.79	696.55	667.30	29.24	23.818		
5,500.00	5,434.25	5,452.49	5,359.90	14.30	15.88	95.58	-576.67	834.63	708.91	679.06	29.85	23.748		
5,600.00	5,532.92	5,551.72	5,457.21	14.59	16.22	95.56	-586.40	851.47	721.27	690.81	30.46	23.678		
5,700.00	5,631.59	5,650.95	5,554.52	14.88	16.56	95.54	-596.12	868.31	733.63	702.56	31.07	23.609		
5,800.00	5,730.26	5,750.19	5,651.83	15.18	16.90	95.51	-605.84	885.15	746.00	714.31	31.69	23.541		
5,900.00	5,828.93	5,849.42	5,749.14	15.48	17.24	95.49	-615.56	901.98	758.36	726.05	32.31	23.474		
6,000.00	5,927.60	5,948.65	5,846.45	15.78	17.58	95.47	-625.28	918.82	770.72	737.80	32.93	23.407		
6,100.00	6,026.27	6,047.88	5,943.76	16.08	17.92	95.46	-635.01	935.66	783.09	749.54	33.55	23.341		
6,200.00	6,124.93	6,147.12	6,041.06	16.38	18.26	95.44	-644.73	952.50	795.45	761.28	34.17	23.277		
6,300.00	6,223.60	6,246.35	6,138.37	16.68	18.61	95.42	-654.45	969.34	807.81	773.01	34.80	23.213		
6,400.00	6,322.27	6,345.58	6,235.68	16.99	18.95	95.40	-664.17	986.18	820.18	784.75	35.43	23.151		
6,500.00	6,420.94	6,444.81	6,332.99	17.29	19.29	95.86	-673.89	1,003.02	832.54	796.49	36.06	23.090		
6,600.00	6,520.52	6,543.49	6,429.75	17.48	19.64	-176.63	-683.56	1,019.76	845.46	808.92	36.54	23.136		
6,700.00	6,620.05	6,639.46	6,523.86	17.60	19.97	-102.76	-692.96	1,036.05	859.62	822.72	36.90	23.296		
6,800.00	6,717.09	6,734.72	6,617.38	17.66	20.29	-99.21	-702.31	1,051.61	875.85	838.72	37.13	23.588		
6,900.00	6,809.23	6,845.74	6,727.60	17.68	20.50	-99.05	-713.50	1,056.00	893.74	856.49	37.25	23.993		
7,000.00	6,894.22	6,967.85	6,847.63	17.66	20.63	-99.61	-725.95	1,038.57	912.23	874.97	37.26	24.481		
7,100.00	6,969.97	7,103.21	6,974.02	17.65	20.67	-100.39	-739.40	992.79	930.28	893.09	37.19	25.013		
7,200.00	7,034.59	7,253.22	7,099.28	17.67	20.63	-101.14	-753.14	912.05	946.60	909.51	37.09	25.523		
7,300.00	7,086.52	7,417.34	7,210.63	17.76	20.54	-101.61	-765.93	792.77	959.75	922.64	37.11	25.863		
7,400.00	7,124.46	7,591.76	7,291.60	17.95	20.48	-101.56	-776.03	639.24	968.47	930.98	37.49	25.833		
7,500.00	7,147.48	7,769.25	7,328.41	18.24	20.56	-100.88	-781.87	466.29	972.00	933.63	38.36	25.336		
7,600.00	7,155.01	7,909.08	7,329.39	18.62	20.84	-100.27	-783.43	344.67	972.23	932.89	39.34	24.715		
7,700.00	7,154.20	8,009.09	7,328.54	19.12	21.25	-100.25	-784.54	244.69	973.45	933.12	40.34	24.133		
7,800.00	7,153.37	8,109.09	7,327.68	19.75	21.82	-100.24	-785.65	144.70	974.68	933.09	41.58	23.439		
7,900.00	7,152.55	8,209.10	7,326.83	20.50	22.53	-100.22	-786.77	44.72	975.90	932.85	43.05	22.667		
8,000.00	7,151.73	8,309.11	7,325.97	21.36	23.37	-100.21	-787.88	-55.26	977.13	932.40	44.72	21.848		
8,100.00	7,150.90	8,409.12	7,325.12	22.30	24.30	-100.19	-789.00	-155.24	978.35	931.78	46.57	21.007		
8,200.00	7,150.08	8,509.13	7,324.26	23.33	25.31	-100.18	-790.11	-255.23	979.57	930.99	48.58	20.163		
8,300.00	7,149.25	8,609.13	7,323.41	24.43	26.39	-100.16	-791.23	-355.21	980.80	930.07	50.73	19.334		
8,400.00	7,148.43	8,709.14	7,322.55	25.59	27.54	-100.15	-792.34	-455.19	982.02	929.02	53.00	18.529		
8,500.00	7,147.60	8,809.15	7,321.70	26.81	28.73	-100.13	-793.45	-555.17	983.25	927.87	55.38	17.756		
8,600.00	7,146.78	8,909.16	7,320.84	28.07	29.97	-100.12	-794.57	-655.15	984.47	926.62	57.85	17.018		
8,700.00	7,145.96	9,009.16	7,319.99	29.38	31.26	-100.11	-795.68	-755.14	985.69	925.29	60.40	16.319		
8,800.00	7,145.13	9,090.83	7,319.13	30.72	32.33	-100.09	-796.80	-855.12	986.92	924.13	62.79	15.719		
8,900.00	7,144.31	9,209.18	7,318.28	32.09	33.92	-100.08	-797.91	-955.10	988.14	922.43	65.71	15.037		
9,000.00	7,143.48	9,290.81	7,317.42	33.49	35.04	-100.06	-799.02	-1,055.08	989.37	921.16	68.21	14.505		
9,100.00	7,142.66	9,409.20	7,316.57	34.92	36.70	-100.05	-800.14	-1,155.07	990.59	919.34	71.25	13.903		
9,200.00	7,141.83	9,490.80	7,315.71	36.36	37.86	-100.03	-801.25	-1,255.05	991.82	917.99	73.83	13.434		
9,300.00	7,141.01	9,609.21	7,314.86	37.83	39.56	-100.02	-802.37	-1,355.03	993.04	916.08	76.97	12.902		
9,400.00	7,140.18	9,709.22	7,314.00	39.31	41.02	-100.01	-803.48	-1,455.01	994.27	914.39	79.88	12.447		
9,500.00	7,139.36	9,809.23	7,313.15	40.80	42.50	-99.99	-804.59	-1,555.00	995.49	912.67	82.82	12.020		
9,600.00	7,138.54	9,909.23	7,312.29	42.31	43.99	-99.98	-805.71	-1,654.98	996.72	910.93	85.79	11.618		
9,700.00	7,137.71	10,009.24	7,311.44	43.84	45.49	-99.96	-806.82	-1,754.96	997.94	909.16	88.79	11.240		
9,800.00	7,136.89	10,109.25	7,310.58	45.37	47.00	-99.95	-807.94	-1,854.94	999.17	907.36	91.81	10.883		
9,900.00	7,136.06	10,209.26	7,309.73	46.91	48.53	-99.93	-809.05	-1,954.92	1,000.39	905.55	94.84	10.548		
10,000.00	7,135.24	10,309.27	7,308.87	48.46	50.06	-99.92	-810.16	-2,054.91	1,001.62	903.72	97.90	10.231		
10,100.00	7,134.41	10,409.27	7,308.02	50.02	51.60	-99.91	-811.28	-2,154.89	1,002.84	901.87	100.98	9.931		
10,200.00	7,133.59	10,509.28	7,307.16	51.59	53.15	-99.89	-812.39	-2,254.87	1,004.07	900.00	104.07	9.648		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	7,132.76	10,609.29	7,306.31	53.16	54.71	-99.88	-813.51	-2,354.85	1,005.29	898.12	107.17	9.380		
10,400.00	7,131.94	10,709.30	7,305.45	54.74	56.27	-99.86	-814.62	-2,454.84	1,006.52	896.23	110.29	9.126		
10,500.00	7,131.12	10,809.31	7,304.60	56.32	57.84	-99.85	-815.73	-2,554.82	1,007.75	894.33	113.42	8.885		
10,600.00	7,130.29	10,909.31	7,303.74	57.91	59.41	-99.84	-816.85	-2,654.80	1,008.97	892.42	116.55	8.657		
10,700.00	7,129.47	11,009.32	7,302.89	59.51	61.00	-99.82	-817.96	-2,754.78	1,010.20	890.49	119.70	8.439		
10,800.00	7,128.64	11,109.33	7,302.03	61.11	62.58	-99.81	-819.08	-2,854.77	1,011.42	888.56	122.86	8.232		
10,900.00	7,127.82	11,209.34	7,301.18	62.71	64.17	-99.80	-820.19	-2,954.75	1,012.65	886.62	126.03	8.035		
11,000.00	7,126.99	11,309.34	7,300.32	64.32	65.76	-99.78	-821.31	-3,054.73	1,013.87	884.67	129.21	7.847		
11,100.00	7,126.17	11,409.35	7,299.47	65.93	67.36	-99.77	-822.42	-3,154.71	1,015.10	882.71	132.39	7.668		
11,200.00	7,125.34	11,509.36	7,298.61	67.54	68.96	-99.75	-823.53	-3,254.70	1,016.33	880.75	135.58	7.496		
11,300.00	7,124.52	11,609.37	7,297.76	69.16	70.57	-99.74	-824.65	-3,354.68	1,017.55	878.78	138.77	7.332		
11,400.00	7,123.70	11,709.38	7,296.90	70.78	72.18	-99.73	-825.76	-3,454.66	1,018.78	876.80	141.98	7.176		
11,500.00	7,122.87	11,809.38	7,296.05	72.40	73.79	-99.71	-826.88	-3,554.64	1,020.00	874.82	145.18	7.026		
11,600.00	7,122.05	11,909.39	7,295.19	74.02	75.40	-99.70	-827.99	-3,654.62	1,021.23	872.83	148.40	6.882		
11,700.00	7,121.22	12,009.40	7,294.34	75.65	77.02	-99.69	-829.10	-3,754.61	1,022.46	870.84	151.62	6.744		
11,800.00	7,120.40	12,109.41	7,293.48	77.28	78.63	-99.67	-830.22	-3,854.59	1,023.68	868.84	154.84	6.611		
11,900.00	7,119.57	12,209.41	7,292.63	78.91	80.25	-99.66	-831.33	-3,954.57	1,024.91	866.84	158.06	6.484		
12,000.00	7,118.75	12,309.42	7,291.77	80.54	81.88	-99.65	-832.45	-4,054.55	1,026.14	864.84	161.30	6.362		
12,100.00	7,117.92	12,409.43	7,290.92	82.17	83.50	-99.63	-833.56	-4,154.54	1,027.36	862.83	164.53	6.244		
12,200.00	7,117.10	12,509.44	7,290.06	83.81	85.13	-99.62	-834.67	-4,254.52	1,028.59	860.82	167.77	6.131		
12,300.00	7,116.28	12,609.45	7,289.21	85.44	86.76	-99.61	-835.79	-4,354.50	1,029.81	858.80	171.01	6.022		
12,400.00	7,115.45	12,709.45	7,288.35	87.08	88.39	-99.59	-836.90	-4,454.48	1,031.04	856.78	174.26	5.917		
12,500.00	7,114.63	12,809.46	7,287.50	88.72	90.02	-99.58	-838.02	-4,554.47	1,032.27	854.76	177.51	5.815		
12,600.00	7,113.80	12,909.47	7,286.64	90.36	91.65	-99.57	-839.13	-4,654.45	1,033.49	852.74	180.76	5.718		
12,700.00	7,112.98	13,009.48	7,285.79	92.01	93.29	-99.55	-840.24	-4,754.43	1,034.72	850.71	184.01	5.623		
12,800.00	7,112.15	13,090.52	7,284.93	93.65	94.91	-99.54	-841.36	-4,854.41	1,035.95	848.99	186.96	5.541		
12,900.00	7,111.33	13,209.49	7,284.08	95.29	96.56	-99.53	-842.47	-4,954.39	1,037.18	846.65	190.53	5.444		
13,000.00	7,110.50	13,309.50	7,283.22	96.94	98.20	-99.51	-843.59	-5,054.38	1,038.40	844.61	193.79	5.358		
13,100.00	7,109.68	13,409.51	7,282.37	98.59	99.84	-99.50	-844.70	-5,154.36	1,039.63	842.58	197.05	5.276		
13,200.00	7,108.86	13,509.52	7,281.51	100.23	101.48	-99.49	-845.82	-5,254.34	1,040.86	840.54	200.32	5.196		
13,300.00	7,108.03	13,609.52	7,280.66	101.88	103.12	-99.47	-846.93	-5,354.32	1,042.08	838.50	203.59	5.119		
13,400.00	7,107.21	13,709.53	7,279.80	103.53	104.76	-99.46	-848.04	-5,454.31	1,043.31	836.45	206.86	5.044		
13,500.00	7,106.38	13,809.54	7,278.95	105.18	106.41	-99.45	-849.16	-5,554.29	1,044.54	834.41	210.13	4.971		
13,600.00	7,105.56	13,909.55	7,278.09	106.83	108.05	-99.44	-850.27	-5,654.27	1,045.77	832.36	213.41	4.900		
13,700.00	7,104.73	14,009.56	7,277.24	108.49	109.70	-99.42	-851.39	-5,754.25	1,046.99	830.31	216.68	4.832		
13,800.00	7,103.91	14,109.56	7,276.38	110.14	111.34	-99.41	-852.50	-5,854.24	1,048.22	828.26	219.96	4.766		
13,900.00	7,103.09	14,209.57	7,275.53	111.79	112.99	-99.40	-853.61	-5,954.22	1,049.45	826.21	223.24	4.701		
14,000.00	7,102.26	14,309.58	7,274.67	113.44	114.64	-99.38	-854.73	-6,054.20	1,050.67	824.16	226.52	4.638		
14,100.00	7,101.44	14,390.41	7,273.82	115.10	115.97	-99.37	-855.84	-6,154.18	1,051.90	822.42	229.49	4.584		
14,200.00	7,100.61	14,509.59	7,272.96	116.75	117.94	-99.36	-856.96	-6,254.17	1,053.13	820.05	233.08	4.518		
14,300.00	7,099.79	14,609.60	7,272.11	118.41	119.59	-99.35	-858.07	-6,354.15	1,054.36	817.99	236.37	4.461		
14,400.00	7,098.96	14,709.61	7,271.25	120.07	121.24	-99.33	-859.18	-6,454.13	1,055.59	815.93	239.66	4.405		
14,500.00	7,098.14	14,809.62	7,270.40	121.72	122.89	-99.32	-860.30	-6,554.11	1,056.81	813.87	242.94	4.350		
14,600.00	7,097.31	14,909.63	7,269.54	123.38	124.54	-99.31	-861.41	-6,654.09	1,058.04	811.81	246.23	4.297		
14,700.00	7,096.49	15,009.63	7,268.69	125.04	126.20	-99.30	-862.53	-6,754.08	1,059.27	809.75	249.52	4.245		
14,800.00	7,095.67	15,109.64	7,267.83	126.70	127.85	-99.28	-863.64	-6,854.06	1,060.50	807.68	252.81	4.195		
14,900.00	7,094.84	15,190.35	7,266.98	128.35	129.18	-99.27	-864.75	-6,954.04	1,061.72	805.94	255.79	4.151		
15,000.00	7,094.02	15,290.34	7,266.12	130.01	130.84	-99.26	-865.87	-7,054.02	1,062.95	803.87	259.08	4.103		
15,100.00	7,093.19	15,390.34	7,265.27	131.67	132.49	-99.25	-866.98	-7,154.01	1,064.18	801.81	262.38	4.056		
15,101.99	7,093.18	15,392.33	7,265.25	131.71	132.52	-99.25	-867.00	-7,156.00	1,064.21	801.76	262.44	4.055 SF		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	2.00	2.00	3.28	3.28	175.34	-119.49	9.73	119.89					
100.00	100.00	102.00	102.00	3.28	3.28	175.34	-119.49	9.73	119.89	112.36	7.53	15.923		
200.00	200.00	202.00	202.00	3.31	3.31	175.34	-119.49	9.73	119.89	112.31	7.57	15.828 CC		
200.00	200.00	202.00	202.00	3.31	3.31	175.34	-119.49	9.73	119.89	112.31	7.57	15.828		
300.00	300.00	301.48	301.48	3.35	3.35	94.52	-119.53	9.80	119.97	112.31	7.66	15.657 ES		
400.00	399.93	399.08	399.05	3.41	3.41	95.16	-120.77	11.85	121.68	113.90	7.78	15.642		
500.00	499.68	496.61	496.41	3.50	3.49	96.04	-123.70	16.75	125.66	117.72	7.94	15.826		
600.00	599.13	593.99	593.36	3.61	3.59	97.06	-128.33	24.47	131.95	123.80	8.15	16.188		
700.00	698.15	691.13	689.72	3.76	3.72	98.17	-134.64	34.99	140.54	132.13	8.42	16.695		
800.00	796.83	788.00	785.34	3.93	3.88	99.03	-142.60	48.26	151.27	142.53	8.75	17.295		
900.00	895.50	884.67	880.19	4.14	4.09	98.83	-152.19	64.25	163.72	154.59	9.13	17.933		
1,000.00	994.17	983.77	977.13	4.36	4.33	98.22	-162.78	81.92	176.96	167.38	9.58	18.475		
1,100.00	1,092.84	1,082.88	1,074.07	4.61	4.61	97.70	-173.38	99.59	190.21	180.14	10.07	18.890		
1,200.00	1,191.50	1,181.98	1,171.00	4.87	4.91	97.25	-183.98	117.27	203.47	192.87	10.60	19.201		
1,300.00	1,290.17	1,281.08	1,267.94	5.14	5.23	96.85	-194.58	134.94	216.74	205.59	11.15	19.431		
1,400.00	1,388.84	1,380.19	1,364.88	5.43	5.56	96.50	-205.17	152.61	230.02	218.29	11.74	19.597		
1,500.00	1,487.51	1,479.29	1,461.82	5.73	5.91	96.18	-215.77	170.28	243.31	230.97	12.34	19.714		
1,600.00	1,586.18	1,578.40	1,558.76	6.03	6.27	95.90	-226.37	187.95	256.61	243.64	12.97	19.792		
1,700.00	1,684.85	1,677.50	1,655.70	6.34	6.64	95.65	-236.96	205.62	269.91	256.31	13.60	19.840		
1,800.00	1,783.52	1,776.61	1,752.64	6.66	7.02	95.42	-247.56	223.29	283.22	268.96	14.26	19.866		
1,900.00	1,882.18	1,875.71	1,849.58	6.84	7.27	95.21	-258.16	240.96	296.53	282.26	14.27	20.782		
2,000.00	1,980.85	1,974.82	1,946.52	6.87	7.36	95.02	-268.75	258.63	309.84	295.47	14.38	21.551		
2,100.00	2,079.52	2,073.92	2,043.46	6.93	7.42	94.85	-279.35	276.31	323.16	308.68	14.48	22.319		
2,200.00	2,178.19	2,173.03	2,140.39	6.99	7.50	94.69	-289.95	293.98	336.48	321.87	14.61	23.025		
2,300.00	2,276.86	2,272.13	2,237.33	7.08	7.60	94.54	-300.54	311.65	349.80	335.02	14.78	23.668		
2,400.00	2,375.53	2,371.24	2,334.27	7.17	7.71	94.40	-311.14	329.32	363.13	348.15	14.98	24.247		
2,500.00	2,474.20	2,470.34	2,431.21	7.29	7.84	94.27	-321.74	346.99	376.45	361.25	15.20	24.764		
2,600.00	2,572.86	2,569.45	2,528.15	7.41	7.99	94.15	-332.34	364.66	389.78	374.33	15.45	25.221		
2,700.00	2,671.53	2,668.55	2,625.09	7.55	8.15	94.04	-342.93	382.33	403.11	387.38	15.73	25.620		
2,800.00	2,770.20	2,767.65	2,722.03	7.70	8.32	93.94	-353.53	400.00	416.44	400.40	16.04	25.964		
2,900.00	2,868.87	2,866.76	2,818.97	7.86	8.51	93.84	-364.13	417.68	429.77	413.41	16.37	26.259		
3,000.00	2,967.54	2,965.86	2,915.91	8.03	8.71	93.75	-374.72	435.35	443.11	426.39	16.72	26.506		
3,100.00	3,066.21	3,064.97	3,012.85	8.21	8.92	93.66	-385.32	453.02	456.44	439.35	17.09	26.712		
3,200.00	3,164.88	3,164.07	3,109.78	8.40	9.14	93.58	-395.92	470.69	469.78	452.30	17.48	26.879		
3,300.00	3,263.54	3,263.18	3,206.72	8.60	9.37	93.50	-406.51	488.36	483.11	465.23	17.89	27.012		
3,400.00	3,362.21	3,362.28	3,303.66	8.81	9.61	93.43	-417.11	506.03	496.45	478.14	18.31	27.114		
3,500.00	3,460.88	3,461.39	3,400.60	9.02	9.85	93.36	-427.71	523.70	509.79	491.04	18.75	27.189		
3,600.00	3,559.55	3,560.49	3,497.54	9.24	10.11	93.29	-438.31	541.37	523.13	503.92	19.20	27.241		
3,700.00	3,658.22	3,659.60	3,594.48	9.47	10.37	93.23	-448.90	559.05	536.47	516.80	19.67	27.271		
3,800.00	3,756.89	3,758.70	3,691.42	9.70	10.64	93.17	-459.50	576.72	549.81	529.66	20.15	27.283		
3,900.00	3,855.56	3,857.81	3,788.36	9.94	10.91	93.11	-470.10	594.39	563.15	542.50	20.64	27.280		
4,000.00	3,954.22	3,956.91	3,885.30	10.19	11.19	93.06	-480.69	612.06	576.49	555.34	21.15	27.263		
4,100.00	4,052.89	4,056.02	3,982.23	10.44	11.48	93.01	-491.29	629.73	589.83	568.17	21.66	27.234		
4,200.00	4,151.56	4,155.12	4,079.17	10.69	11.77	92.96	-501.89	647.40	603.17	580.99	22.18	27.195		
4,300.00	4,250.23	4,254.22	4,176.11	10.95	12.07	92.91	-512.48	665.07	616.52	593.81	22.71	27.148		
4,400.00	4,348.90	4,353.33	4,273.05	11.21	12.37	92.87	-523.08	682.74	629.86	606.61	23.25	27.093		
4,500.00	4,447.57	4,452.43	4,369.99	11.48	12.67	92.82	-533.68	700.41	643.20	619.41	23.79	27.033		
4,600.00	4,546.24	4,551.54	4,466.93	11.75	12.98	92.78	-544.27	718.09	656.54	632.20	24.35	26.968		
4,700.00	4,644.90	4,650.64	4,563.87	12.02	13.29	92.74	-554.87	735.76	669.89	644.98	24.90	26.899		
4,800.00	4,743.57	4,749.75	4,660.81	12.30	13.60	92.70	-565.47	753.43	683.23	657.76	25.47	26.826		
4,900.00	4,842.24	4,848.85	4,757.75	12.58	13.92	92.67	-576.07	771.10	696.58	670.54	26.04	26.751		
5,000.00	4,940.91	4,947.96	4,854.69	12.86	14.24	92.63	-586.66	788.77	709.92	683.31	26.61	26.674		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
5,100.00	5,039.58	5,047.06	4,951.62	13.14	14.56	92.60	-597.26	806.44	723.27	696.07	27.20	26.595		
5,200.00	5,138.25	5,146.17	5,048.56	13.43	14.88	92.56	-607.86	824.11	736.61	708.83	27.78	26.516		
5,300.00	5,236.92	5,245.27	5,145.50	13.71	15.21	92.53	-618.45	841.78	749.96	721.59	28.37	26.435		
5,400.00	5,335.58	5,344.38	5,242.44	14.00	15.54	92.50	-629.05	859.46	763.30	734.34	28.96	26.354		
5,500.00	5,434.25	5,443.48	5,339.38	14.30	15.87	92.47	-639.65	877.13	776.65	747.09	29.56	26.273		
5,600.00	5,532.92	5,542.59	5,436.32	14.59	16.20	92.44	-650.24	894.80	789.99	759.83	30.16	26.193		
5,700.00	5,631.59	5,641.69	5,533.26	14.88	16.53	92.42	-660.84	912.47	803.34	772.58	30.77	26.112		
5,800.00	5,730.26	5,740.79	5,630.20	15.18	16.87	92.39	-671.44	930.14	816.69	785.31	31.37	26.032		
5,900.00	5,828.93	5,839.90	5,727.14	15.48	17.21	92.36	-682.03	947.81	830.03	798.05	31.98	25.953		
6,000.00	5,927.60	5,939.00	5,824.08	15.78	17.55	92.34	-692.63	965.48	843.38	810.78	32.60	25.874		
6,100.00	6,026.27	6,038.11	5,921.01	16.08	17.89	92.31	-703.23	983.15	856.73	823.52	33.21	25.796		
6,200.00	6,124.93	6,137.21	6,017.95	16.38	18.23	92.29	-713.83	1,000.83	870.07	836.24	33.83	25.720		
6,300.00	6,223.60	6,236.32	6,114.89	16.68	18.57	92.27	-724.42	1,018.50	883.42	848.97	34.45	25.644		
6,400.00	6,322.27	6,335.42	6,211.83	16.99	18.91	92.25	-735.02	1,036.17	896.77	861.70	35.07	25.569		
6,500.00	6,420.94	6,436.85	6,311.09	17.29	19.25	92.71	-745.87	1,053.97	910.10	874.40	35.70	25.494		
6,600.00	6,520.52	6,549.49	6,422.69	17.48	19.47	-178.95	-758.24	1,060.81	923.42	887.27	36.15	25.545		
6,700.00	6,620.05	6,661.53	6,533.13	17.60	19.60	-103.26	-770.71	1,047.90	936.82	900.39	36.43	25.715		
6,800.00	6,717.09	6,772.64	6,638.75	17.66	19.64	-97.14	-782.88	1,016.07	949.99	913.42	36.57	25.974		
6,900.00	6,809.23	6,882.59	6,736.25	17.68	19.64	-93.98	-794.36	966.88	962.64	926.03	36.61	26.291		
7,000.00	6,894.22	6,991.14	6,822.84	17.66	19.59	-91.60	-804.80	902.47	974.49	937.89	36.60	26.623		
7,100.00	6,969.97	7,098.15	6,896.33	17.65	19.53	-89.59	-813.94	825.39	985.28	948.67	36.60	26.917		
7,200.00	7,034.59	7,203.50	6,955.14	17.67	19.47	-87.82	-821.55	738.47	994.76	958.07	36.69	27.113		
7,300.00	7,086.52	7,307.10	6,998.30	17.76	19.45	-86.28	-827.51	644.60	1,002.72	965.80	36.92	27.159		
7,400.00	7,124.46	7,408.93	7,025.44	17.95	19.48	-84.95	-831.73	546.66	1,008.98	971.64	37.33	27.025		
7,500.00	7,147.48	7,508.99	7,036.66	18.24	19.59	-83.84	-834.20	447.36	1,013.39	975.45	37.94	26.710		
7,600.00	7,155.01	7,608.50	7,036.26	18.62	19.82	-83.17	-835.36	347.87	1,015.82	977.07	38.75	26.213		
7,700.00	7,154.20	7,708.49	7,035.20	19.12	20.24	-83.16	-836.46	247.89	1,017.07	977.26	39.81	25.547		
7,800.00	7,153.37	7,808.48	7,034.15	19.75	20.83	-83.16	-837.57	147.91	1,018.33	977.21	41.12	24.765		
7,900.00	7,152.55	7,908.47	7,033.09	20.50	21.57	-83.15	-838.67	47.93	1,019.58	976.93	42.65	23.906		
8,000.00	7,151.73	8,008.47	7,032.04	21.36	22.43	-83.15	-839.77	-52.05	1,020.84	976.47	44.37	23.006		
8,100.00	7,150.90	8,108.46	7,030.98	22.30	23.40	-83.14	-840.87	-152.03	1,022.09	975.80	46.29	22.081		
8,200.00	7,150.08	8,208.45	7,029.93	23.33	24.45	-83.14	-841.97	-252.01	1,023.35	974.99	48.35	21.164		
8,300.00	7,149.25	8,308.44	7,028.87	24.43	25.57	-83.13	-843.07	-351.99	1,024.60	974.05	50.56	20.267		
8,400.00	7,148.43	8,408.43	7,027.82	25.59	26.74	-83.13	-844.17	-451.97	1,025.86	972.98	52.88	19.401		
8,500.00	7,147.60	8,508.43	7,026.76	26.81	27.97	-83.12	-845.27	-551.95	1,027.11	971.81	55.30	18.573		
8,600.00	7,146.78	8,608.42	7,025.71	28.07	29.25	-83.12	-846.37	-651.93	1,028.37	970.55	57.82	17.786		
8,700.00	7,145.96	8,708.41	7,024.65	29.38	30.56	-83.12	-847.47	-751.91	1,029.62	969.21	60.41	17.043		
8,800.00	7,145.13	8,808.40	7,023.60	30.72	31.90	-83.11	-848.57	-851.89	1,030.88	967.80	63.08	16.343		
8,900.00	7,144.31	8,908.39	7,022.54	32.09	33.28	-83.11	-849.68	-951.87	1,032.13	966.33	65.80	15.685		
9,000.00	7,143.48	9,008.39	7,021.49	33.49	34.68	-83.10	-850.78	-1,051.85	1,033.39	964.80	68.58	15.067		
9,100.00	7,142.66	9,108.38	7,020.43	34.92	36.10	-83.10	-851.88	-1,151.83	1,034.64	963.23	71.41	14.488		
9,200.00	7,141.83	9,208.37	7,019.38	36.36	37.54	-83.09	-852.98	-1,251.82	1,035.90	961.62	74.28	13.946		
9,300.00	7,141.01	9,308.36	7,018.32	37.83	39.01	-83.09	-854.08	-1,351.80	1,037.15	959.97	77.19	13.437		
9,400.00	7,140.18	9,408.36	7,017.27	39.31	40.48	-83.08	-855.18	-1,451.78	1,038.41	958.28	80.13	12.960		
9,500.00	7,139.36	9,508.35	7,016.21	40.80	41.98	-83.08	-856.28	-1,551.76	1,039.66	956.57	83.09	12.512		
9,600.00	7,138.54	9,608.34	7,015.16	42.31	43.48	-83.08	-857.38	-1,651.74	1,040.92	954.83	86.09	12.091		
9,700.00	7,137.71	9,708.33	7,014.10	43.84	45.00	-83.07	-858.48	-1,751.72	1,042.17	953.06	89.11	11.696		
9,800.00	7,136.89	9,808.32	7,013.05	45.37	46.53	-83.07	-859.58	-1,851.70	1,043.43	951.28	92.15	11.323		
9,900.00	7,136.06	9,908.32	7,011.99	46.91	48.06	-83.06	-860.69	-1,951.68	1,044.68	949.47	95.21	10.973		
10,000.00	7,135.24	10,008.31	7,010.94	48.46	49.61	-83.06	-861.79	-2,051.66	1,045.94	947.65	98.28	10.642		
10,100.00	7,134.41	10,108.30	7,009.88	50.02	51.16	-83.05	-862.89	-2,151.64	1,047.19	945.81	101.38	10.330		
10,200.00	7,133.59	10,208.29	7,008.83	51.59	52.72	-83.05	-863.99	-2,251.62	1,048.45	943.96	104.48	10.034		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,300.00	7,132.76	10,308.28	7,007.77	53.16	54.29	-83.04	-865.09	-2,351.60	1,049.70	942.10	107.61	9.755		
10,400.00	7,131.94	10,408.28	7,006.72	54.74	55.87	-83.04	-866.19	-2,451.58	1,050.96	940.22	110.74	9.490		
10,500.00	7,131.12	10,508.27	7,005.66	56.32	57.45	-83.04	-867.29	-2,551.56	1,052.21	938.33	113.88	9.240		
10,600.00	7,130.29	10,608.26	7,004.61	57.91	59.03	-83.03	-868.39	-2,651.54	1,053.47	936.43	117.04	9.001		
10,700.00	7,129.47	10,708.25	7,003.55	59.51	60.62	-83.03	-869.49	-2,751.52	1,054.72	934.52	120.20	8.775		
10,800.00	7,128.64	10,808.24	7,002.50	61.11	62.21	-83.02	-870.59	-2,851.50	1,055.98	932.60	123.37	8.559		
10,900.00	7,127.82	10,908.24	7,001.44	62.71	63.81	-83.02	-871.69	-2,951.48	1,057.23	930.68	126.55	8.354		
11,000.00	7,126.99	11,008.23	7,000.39	64.32	65.41	-83.01	-872.80	-3,051.46	1,058.49	928.75	129.74	8.159		
11,100.00	7,126.17	11,108.22	6,999.33	65.93	67.02	-83.01	-873.90	-3,151.44	1,059.74	926.81	132.93	7.972		
11,200.00	7,125.34	11,208.21	6,998.28	67.54	68.63	-83.01	-875.00	-3,251.42	1,061.00	924.86	136.13	7.794		
11,300.00	7,124.52	11,308.21	6,997.22	69.16	70.24	-83.00	-876.10	-3,351.41	1,062.25	922.91	139.34	7.624		
11,400.00	7,123.70	11,408.20	6,996.17	70.78	71.85	-83.00	-877.20	-3,451.39	1,063.51	920.95	142.55	7.461		
11,500.00	7,122.87	11,508.19	6,995.11	72.40	73.47	-82.99	-878.30	-3,551.37	1,064.76	918.99	145.77	7.305		
11,600.00	7,122.05	11,608.18	6,994.06	74.02	75.09	-82.99	-879.40	-3,651.35	1,066.02	917.03	148.99	7.155		
11,700.00	7,121.22	11,708.17	6,993.00	75.65	76.71	-82.99	-880.50	-3,751.33	1,067.27	915.05	152.22	7.012		
11,800.00	7,120.40	11,808.17	6,991.95	77.28	78.33	-82.98	-881.60	-3,851.31	1,068.53	913.08	155.45	6.874		
11,900.00	7,119.57	11,908.16	6,990.89	78.91	79.96	-82.98	-882.70	-3,951.29	1,069.78	911.10	158.68	6.742		
12,000.00	7,118.75	12,008.15	6,989.84	80.54	81.58	-82.97	-883.80	-4,051.27	1,071.04	909.12	161.92	6.615		
12,100.00	7,117.92	12,108.14	6,988.78	82.17	83.21	-82.97	-884.91	-4,151.25	1,072.29	907.13	165.16	6.492		
12,200.00	7,117.10	12,208.13	6,987.73	83.81	84.85	-82.96	-886.01	-4,251.23	1,073.55	905.14	168.41	6.375		
12,300.00	7,116.28	12,308.13	6,986.67	85.44	86.48	-82.96	-887.11	-4,351.21	1,074.80	903.15	171.65	6.261		
12,400.00	7,115.45	12,408.12	6,985.62	87.08	88.11	-82.96	-888.21	-4,451.19	1,076.06	901.15	174.90	6.152		
12,500.00	7,114.63	12,508.11	6,984.56	88.72	89.75	-82.95	-889.31	-4,551.17	1,077.31	899.15	178.16	6.047		
12,600.00	7,113.80	12,608.10	6,983.51	90.36	91.39	-82.95	-890.41	-4,651.15	1,078.57	897.15	181.42	5.945		
12,700.00	7,112.98	12,708.09	6,982.46	92.01	93.02	-82.94	-891.51	-4,751.13	1,079.82	895.15	184.67	5.847		
12,800.00	7,112.15	12,808.09	6,981.40	93.65	94.66	-82.94	-892.61	-4,851.11	1,081.08	893.14	187.94	5.752		
12,900.00	7,111.33	12,908.08	6,980.35	95.29	96.30	-82.94	-893.71	-4,951.09	1,082.33	891.13	191.20	5.661		
13,000.00	7,110.50	13,008.07	6,979.29	96.94	97.95	-82.93	-894.81	-5,051.07	1,083.59	889.12	194.46	5.572		
13,100.00	7,109.68	13,108.06	6,978.24	98.59	99.59	-82.93	-895.92	-5,151.05	1,084.84	887.11	197.73	5.486		
13,200.00	7,108.86	13,208.05	6,977.18	100.23	101.23	-82.92	-897.02	-5,251.03	1,086.10	885.10	201.00	5.403		
13,300.00	7,108.03	13,308.05	6,976.13	101.88	102.88	-82.92	-898.12	-5,351.01	1,087.35	883.08	204.27	5.323		
13,400.00	7,107.21	13,408.04	6,975.07	103.53	104.52	-82.92	-899.22	-5,451.00	1,088.61	881.06	207.55	5.245		
13,500.00	7,106.38	13,508.03	6,974.02	105.18	106.17	-82.91	-900.32	-5,550.98	1,089.86	879.04	210.82	5.170		
13,600.00	7,105.56	13,608.02	6,972.96	106.83	107.82	-82.91	-901.42	-5,650.96	1,091.12	877.02	214.10	5.096		
13,700.00	7,104.73	13,708.02	6,971.91	108.49	109.47	-82.90	-902.52	-5,750.94	1,092.37	875.00	217.37	5.025		
13,800.00	7,103.91	13,808.01	6,970.85	110.14	111.11	-82.90	-903.62	-5,850.92	1,093.63	872.97	220.65	4.956		
13,900.00	7,103.09	13,908.00	6,969.80	111.79	112.76	-82.90	-904.72	-5,950.90	1,094.88	870.95	223.93	4.889		
14,000.00	7,102.26	14,007.99	6,968.74	113.44	114.42	-82.89	-905.82	-6,050.88	1,096.14	868.92	227.21	4.824		
14,100.00	7,101.44	14,107.98	6,967.69	115.10	116.07	-82.89	-906.92	-6,150.86	1,097.39	866.90	230.50	4.761		
14,200.00	7,100.61	14,207.98	6,966.63	116.75	117.72	-82.88	-908.03	-6,250.84	1,098.65	864.87	233.78	4.699		
14,300.00	7,099.79	14,307.97	6,965.58	118.41	119.37	-82.88	-909.13	-6,350.82	1,099.90	862.84	237.07	4.640		
14,400.00	7,098.96	14,407.96	6,964.52	120.07	121.02	-82.88	-910.23	-6,450.80	1,101.16	860.81	240.35	4.581		
14,500.00	7,098.14	14,507.95	6,963.47	121.72	122.68	-82.87	-911.33	-6,550.78	1,102.41	858.77	243.64	4.525		
14,600.00	7,097.31	14,607.94	6,962.41	123.38	124.33	-82.87	-912.43	-6,650.76	1,103.67	856.74	246.93	4.470		
14,700.00	7,096.49	14,707.94	6,961.36	125.04	125.99	-82.86	-913.53	-6,750.74	1,104.92	854.71	250.22	4.416		
14,800.00	7,095.67	14,807.93	6,960.30	126.70	127.64	-82.86	-914.63	-6,850.72	1,106.18	852.67	253.51	4.363		
14,900.00	7,094.84	14,907.92	6,959.25	128.35	129.30	-82.86	-915.73	-6,950.70	1,107.43	850.64	256.80	4.312		
15,000.00	7,094.02	15,007.91	6,958.19	130.01	130.95	-82.85	-916.83	-7,050.68	1,108.69	848.60	260.09	4.263		
15,100.00	7,093.19	15,107.90	6,957.14	131.67	132.61	-82.85	-917.93	-7,150.66	1,109.94	846.56	263.38	4.214		
15,101.99	7,093.18	15,109.89	6,957.12	131.71	132.64	-82.85	-917.96	-7,152.65	1,109.97	846.52	263.45	4.213 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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			
0.00	0.00	2.00	2.00	3.28	3.28	175.33	-139.53	11.40	139.99						
100.00	100.00	102.00	102.00	3.28	3.28	175.33	-139.53	11.40	139.99	132.47	7.53	18.594			
200.00	200.00	202.00	202.00	3.31	3.31	175.33	-139.53	11.40	139.99	132.42	7.57	18.482 CC			
200.00	200.00	202.00	202.00	3.31	3.31	175.33	-139.53	11.40	139.99	132.42	7.57	18.482 ES			
300.00	300.00	300.68	300.68	3.35	3.35	94.41	-139.70	11.63	140.23	132.56	7.66	18.305			
400.00	399.93	397.50	397.44	3.41	3.40	94.81	-141.51	14.04	142.56	134.78	7.78	18.333			
500.00	499.68	494.17	493.91	3.50	3.48	95.49	-145.27	19.05	147.42	139.48	7.94	18.577			
600.00	599.13	590.61	589.88	3.61	3.58	96.38	-150.97	26.64	154.82	146.68	8.14	19.012			
700.00	698.15	686.71	685.14	3.76	3.72	97.41	-158.58	36.77	164.79	156.38	8.41	19.602			
800.00	796.83	782.44	779.54	3.93	3.88	98.34	-168.05	49.39	177.16	168.43	8.73	20.293			
900.00	895.50	877.72	872.95	4.14	4.09	98.42	-179.36	64.45	191.55	182.45	9.11	21.036			
1,000.00	994.17	976.10	968.98	4.36	4.34	98.06	-192.19	81.53	207.13	197.58	9.55	21.689			
1,100.00	1,092.84	1,074.87	1,065.39	4.61	4.63	97.74	-205.07	98.69	222.71	212.68	10.04	22.184			
1,200.00	1,191.50	1,173.64	1,161.80	4.87	4.94	97.46	-217.96	115.86	238.31	227.74	10.57	22.555			
1,300.00	1,290.17	1,272.41	1,258.21	5.14	5.27	97.22	-230.85	133.02	253.91	242.79	11.12	22.828			
1,400.00	1,388.84	1,371.18	1,354.62	5.43	5.61	97.00	-243.73	150.18	269.51	257.81	11.71	23.024			
1,500.00	1,487.51	1,469.95	1,451.03	5.73	5.97	96.81	-256.62	167.35	285.12	272.81	12.31	23.164			
1,600.00	1,586.18	1,568.72	1,547.44	6.03	6.34	96.64	-269.50	184.51	300.73	287.79	12.93	23.253			
1,700.00	1,684.85	1,667.49	1,643.85	6.34	6.72	96.48	-282.39	201.67	316.34	302.77	13.57	23.309			
1,800.00	1,783.52	1,766.26	1,740.26	6.66	7.11	96.34	-295.28	218.83	331.95	317.73	14.22	23.338			
1,900.00	1,882.18	1,865.04	1,836.67	6.84	7.39	96.21	-308.16	236.00	347.57	333.31	14.25	24.384			
2,000.00	1,980.85	1,963.81	1,933.08	6.87	7.50	96.10	-321.05	253.16	363.19	348.81	14.38	25.256			
2,100.00	2,079.52	2,062.58	2,029.49	6.93	7.56	95.99	-333.94	270.32	378.80	364.32	14.48	26.159			
2,200.00	2,178.19	2,161.35	2,125.90	6.99	7.64	95.89	-346.82	287.49	394.42	379.81	14.61	26.988			
2,300.00	2,276.86	2,260.12	2,222.31	7.08	7.74	95.80	-359.71	304.65	410.04	395.26	14.78	27.744			
2,400.00	2,375.53	2,358.89	2,318.73	7.17	7.86	95.72	-372.59	321.81	425.67	410.69	14.98	28.424			
2,500.00	2,474.20	2,457.66	2,415.14	7.29	7.99	95.64	-385.48	338.97	441.29	426.09	15.20	29.031			
2,600.00	2,572.86	2,556.43	2,511.55	7.41	8.14	95.56	-398.37	356.14	456.91	441.46	15.45	29.566			
2,700.00	2,671.53	2,655.20	2,607.96	7.55	8.30	95.50	-411.25	373.30	472.54	456.80	15.73	30.033			
2,800.00	2,770.20	2,753.97	2,704.37	7.70	8.48	95.43	-424.14	390.46	488.16	472.12	16.04	30.436			
2,900.00	2,868.87	2,852.74	2,800.78	7.86	8.67	95.37	-437.03	407.63	503.79	487.42	16.37	30.780			
3,000.00	2,967.54	2,951.51	2,897.19	8.03	8.88	95.32	-449.91	424.79	519.41	502.69	16.72	31.069			
3,100.00	3,066.21	3,050.28	2,993.60	8.21	9.09	95.26	-462.80	441.95	535.04	517.95	17.09	31.308			
3,200.00	3,164.88	3,149.05	3,090.01	8.40	9.31	95.21	-475.68	459.11	550.66	533.18	17.48	31.501			
3,300.00	3,263.54	3,247.82	3,186.42	8.60	9.55	95.17	-488.57	476.28	566.29	548.40	17.89	31.655			
3,400.00	3,362.21	3,346.59	3,282.83	8.81	9.79	95.12	-501.46	493.44	581.92	563.60	18.32	31.772			
3,500.00	3,460.88	3,445.36	3,379.24	9.02	10.04	95.08	-514.34	510.60	597.55	578.79	18.76	31.857			
3,600.00	3,559.55	3,544.13	3,475.65	9.24	10.31	95.04	-527.23	527.77	613.17	593.96	19.21	31.914			
3,700.00	3,658.22	3,642.90	3,572.06	9.47	10.57	95.00	-540.11	544.93	628.80	609.12	19.68	31.947			
3,800.00	3,756.89	3,741.67	3,668.47	9.70	10.85	94.96	-553.00	562.09	644.43	624.26	20.17	31.958			
3,900.00	3,855.56	3,840.44	3,764.88	9.94	11.13	94.93	-565.89	579.25	660.06	639.40	20.66	31.950			
4,000.00	3,954.22	3,939.21	3,861.29	10.19	11.41	94.90	-578.77	596.42	675.69	654.52	21.16	31.927			
4,100.00	4,052.89	4,037.98	3,957.70	10.44	11.71	94.87	-591.66	613.58	691.32	669.64	21.68	31.890			
4,200.00	4,151.56	4,136.75	4,054.11	10.69	12.00	94.83	-604.55	630.74	706.95	684.74	22.20	31.842			
4,300.00	4,250.23	4,235.53	4,150.52	10.95	12.30	94.81	-617.43	647.91	722.57	699.84	22.73	31.784			
4,400.00	4,348.90	4,334.30	4,246.93	11.21	12.61	94.78	-630.32	665.07	738.20	714.93	23.27	31.717			
4,500.00	4,447.57	4,433.07	4,343.35	11.48	12.92	94.75	-643.20	682.23	753.83	730.01	23.82	31.644			
4,600.00	4,546.24	4,531.84	4,439.76	11.75	13.23	94.73	-656.09	699.39	769.46	745.09	24.38	31.564			
4,700.00	4,644.90	4,630.61	4,536.17	12.02	13.55	94.70	-668.98	716.56	785.09	760.15	24.94	31.480			
4,800.00	4,743.57	4,729.38	4,632.58	12.30	13.87	94.68	-681.86	733.72	800.72	775.22	25.51	31.393			
4,900.00	4,842.24	4,828.15	4,728.99	12.58	14.19	94.66	-694.75	750.88	816.35	790.27	26.08	31.302			
5,000.00	4,940.91	4,926.92	4,825.40	12.86	14.52	94.63	-707.64	768.04	831.98	805.33	26.66	31.209			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
5,100.00	5,039.58	5,025.69	4,921.81	13.14	14.85	94.61	-720.52	785.21	847.62	820.37	27.24	31.115		
5,200.00	5,138.25	5,124.46	5,018.22	13.43	15.18	94.59	-733.41	802.37	863.25	835.42	27.83	31.019		
5,300.00	5,236.92	5,223.23	5,114.63	13.71	15.51	94.57	-746.29	819.53	878.88	850.45	28.42	30.923		
5,400.00	5,335.58	5,322.00	5,211.04	14.00	15.85	94.56	-759.18	836.70	894.51	865.49	29.02	30.826		
5,500.00	5,434.25	5,420.77	5,307.45	14.30	16.18	94.54	-772.07	853.86	910.14	880.52	29.62	30.729		
5,600.00	5,532.92	5,519.54	5,403.86	14.59	16.52	94.52	-784.95	871.02	925.77	895.55	30.22	30.632		
5,700.00	5,631.59	5,618.31	5,500.27	14.88	16.86	94.50	-797.84	888.18	941.40	910.57	30.83	30.536		
5,800.00	5,730.26	5,717.08	5,596.68	15.18	17.21	94.49	-810.72	905.35	957.03	925.59	31.44	30.440		
5,900.00	5,828.93	5,815.85	5,693.09	15.48	17.55	94.47	-823.61	922.51	972.66	940.61	32.05	30.345		
6,000.00	5,927.60	5,914.62	5,789.50	15.78	17.90	94.46	-836.50	939.67	988.29	955.62	32.67	30.251		
6,100.00	6,026.27	6,013.39	5,885.91	16.08	18.24	94.44	-849.38	956.84	1,003.93	970.64	33.29	30.159		
6,200.00	6,124.93	6,112.16	5,982.32	16.38	18.59	94.43	-862.27	974.00	1,019.56	985.65	33.91	30.067		
6,300.00	6,223.60	6,210.93	6,078.73	16.68	18.94	94.41	-875.16	991.16	1,035.19	1,000.65	34.53	29.976		
6,400.00	6,322.27	6,309.70	6,175.14	16.99	19.29	94.40	-888.04	1,008.32	1,050.82	1,015.66	35.16	29.887		
6,500.00	6,420.94	6,408.47	6,271.55	17.29	19.64	94.87	-900.93	1,025.49	1,066.45	1,030.67	35.79	29.801		
6,600.00	6,520.52	6,506.65	6,367.38	17.48	19.99	-177.18	-913.74	1,042.55	1,082.76	1,046.48	36.27	29.850		
6,700.00	6,620.05	6,602.05	6,460.50	17.60	20.34	-102.64	-926.18	1,059.12	1,100.37	1,063.74	36.63	30.038		
6,800.00	6,717.09	6,705.19	6,561.82	17.66	20.61	-98.28	-939.85	1,072.17	1,119.42	1,082.55	36.87	30.360		
6,900.00	6,809.23	6,819.04	6,674.34	17.68	20.79	-96.94	-955.51	1,067.74	1,139.00	1,102.01	36.99	30.788		
7,000.00	6,894.22	6,942.14	6,792.93	17.66	20.89	-96.34	-972.59	1,040.31	1,158.37	1,121.34	37.03	31.279		
7,100.00	6,969.97	7,075.52	6,912.80	17.65	20.92	-95.98	-990.55	985.24	1,176.67	1,139.66	37.01	31.793		
7,200.00	7,034.59	7,219.39	7,026.20	17.67	20.86	-95.65	-1,008.40	899.04	1,192.96	1,155.96	37.00	32.239		
7,300.00	7,086.52	7,372.44	7,122.46	17.76	20.76	-95.22	-1,024.67	781.64	1,206.34	1,169.20	37.15	32.476		
7,400.00	7,124.46	7,531.45	7,190.05	17.95	20.66	-94.58	-1,037.63	638.76	1,216.04	1,178.44	37.59	32.347		
7,500.00	7,147.48	7,691.58	7,220.56	18.24	20.61	-93.69	-1,045.81	482.20	1,221.61	1,183.20	38.41	31.802		
7,600.00	7,155.01	7,809.53	7,221.38	18.62	20.71	-93.01	-1,048.91	364.32	1,224.11	1,184.82	39.30	31.150		
7,700.00	7,154.20	7,909.50	7,220.47	19.12	20.99	-92.99	-1,051.31	264.39	1,226.65	1,186.34	40.31	30.432		
7,800.00	7,153.37	8,009.47	7,219.57	19.75	21.48	-92.98	-1,053.72	164.45	1,229.18	1,187.61	41.57	29.571		
7,900.00	7,152.55	8,109.44	7,218.66	20.50	22.16	-92.97	-1,056.12	64.52	1,231.71	1,188.66	43.06	28.607		
8,000.00	7,151.73	8,209.40	7,217.76	21.36	22.99	-92.96	-1,058.53	-35.41	1,234.25	1,189.50	44.75	27.584		
8,100.00	7,150.90	8,309.37	7,216.85	22.30	23.93	-92.95	-1,060.93	-135.35	1,236.78	1,190.16	46.62	26.530		
8,200.00	7,150.08	8,409.34	7,215.94	23.33	24.95	-92.94	-1,063.34	-235.28	1,239.32	1,190.66	48.65	25.473		
8,300.00	7,149.25	8,509.31	7,215.04	24.43	26.04	-92.93	-1,065.74	-335.22	1,241.85	1,191.02	50.83	24.434		
8,400.00	7,148.43	8,609.28	7,214.13	25.59	27.19	-92.92	-1,068.15	-435.15	1,244.38	1,191.26	53.12	23.425		
8,500.00	7,147.60	8,709.24	7,213.23	26.81	28.39	-92.91	-1,070.55	-535.09	1,246.92	1,191.39	55.53	22.456		
8,600.00	7,146.78	8,809.21	7,212.32	28.07	29.64	-92.90	-1,072.96	-635.02	1,249.45	1,191.42	58.03	21.532		
8,700.00	7,145.96	8,909.18	7,211.42	29.38	30.93	-92.89	-1,075.36	-734.96	1,251.98	1,191.38	60.61	20.657		
8,800.00	7,145.13	9,009.15	7,210.51	30.72	32.26	-92.88	-1,077.77	-834.89	1,254.52	1,191.26	63.26	19.830		
8,900.00	7,144.31	9,109.11	7,209.60	32.09	33.61	-92.88	-1,080.18	-934.83	1,257.05	1,191.07	65.98	19.052		
9,000.00	7,143.48	9,209.08	7,208.70	33.49	34.99	-92.87	-1,082.58	-1,034.76	1,259.59	1,190.83	68.75	18.320		
9,100.00	7,142.66	9,309.05	7,207.79	34.92	36.40	-92.86	-1,084.99	-1,134.70	1,262.12	1,190.54	71.58	17.633		
9,200.00	7,141.83	9,409.02	7,206.89	36.36	37.82	-92.85	-1,087.39	-1,234.63	1,264.65	1,190.21	74.44	16.988		
9,300.00	7,141.01	9,508.98	7,205.98	37.83	39.27	-92.84	-1,089.80	-1,334.56	1,267.19	1,189.84	77.35	16.383		
9,400.00	7,140.18	9,608.95	7,205.07	39.31	40.73	-92.83	-1,092.20	-1,434.50	1,269.72	1,189.43	80.29	15.815		
9,500.00	7,139.36	9,708.92	7,204.17	40.80	42.21	-92.82	-1,094.61	-1,534.43	1,272.26	1,189.00	83.26	15.281		
9,600.00	7,138.54	9,808.89	7,203.26	42.31	43.70	-92.81	-1,097.01	-1,634.37	1,274.79	1,188.53	86.26	14.779		
9,700.00	7,137.71	9,908.86	7,202.36	43.84	45.20	-92.80	-1,099.42	-1,734.30	1,277.32	1,188.05	89.28	14.307		
9,800.00	7,136.89	10,008.82	7,201.45	45.37	46.71	-92.79	-1,101.82	-1,834.24	1,279.86	1,187.53	92.32	13.863		
9,900.00	7,136.06	10,108.79	7,200.54	46.91	48.24	-92.78	-1,104.23	-1,934.17	1,282.39	1,187.00	95.39	13.444		
10,000.00	7,135.24	10,208.76	7,199.64	48.46	49.77	-92.77	-1,106.63	-2,034.11	1,284.93	1,186.45	98.47	13.048		
10,100.00	7,134.41	10,308.73	7,198.73	50.02	51.31	-92.76	-1,109.04	-2,134.04	1,287.46	1,185.89	101.58	12.675		
10,200.00	7,133.59	10,408.69	7,197.83	51.59	52.86	-92.75	-1,111.45	-2,233.98	1,290.00	1,185.30	104.69	12.322		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
10,300.00	7,132.76	10,508.66	7,196.92	53.16	54.42	-92.75	-1,113.85	-2,333.91	1,292.53	1,184.71	107.82	11.988		
10,400.00	7,131.94	10,608.63	7,196.02	54.74	55.98	-92.74	-1,116.26	-2,433.85	1,295.06	1,184.10	110.96	11.671		
10,500.00	7,131.12	10,708.60	7,195.11	56.32	57.55	-92.73	-1,118.66	-2,533.78	1,297.60	1,183.48	114.12	11.371		
10,600.00	7,130.29	10,808.56	7,194.20	57.91	59.13	-92.72	-1,121.07	-2,633.71	1,300.13	1,182.85	117.28	11.085		
10,700.00	7,129.47	10,908.53	7,193.30	59.51	60.71	-92.71	-1,123.47	-2,733.65	1,302.67	1,182.21	120.46	10.814		
10,800.00	7,128.64	11,008.50	7,192.39	61.11	62.29	-92.70	-1,125.88	-2,833.58	1,305.20	1,181.56	123.64	10.556		
10,900.00	7,127.82	11,108.47	7,191.49	62.71	63.88	-92.69	-1,128.28	-2,933.52	1,307.74	1,180.90	126.83	10.311		
11,000.00	7,126.99	11,208.44	7,190.58	64.32	65.47	-92.68	-1,130.69	-3,033.45	1,310.27	1,180.24	130.03	10.076		
11,100.00	7,126.17	11,308.40	7,189.67	65.93	67.07	-92.67	-1,133.09	-3,133.39	1,312.81	1,179.57	133.24	9.853		
11,200.00	7,125.34	11,408.37	7,188.77	67.54	68.67	-92.67	-1,135.50	-3,233.32	1,315.34	1,178.89	136.45	9.639		
11,300.00	7,124.52	11,508.34	7,187.86	69.16	70.27	-92.66	-1,137.90	-3,333.26	1,317.87	1,178.20	139.67	9.435		
11,400.00	7,123.70	11,608.31	7,186.96	70.78	71.88	-92.65	-1,140.31	-3,433.19	1,320.41	1,177.51	142.90	9.240		
11,500.00	7,122.87	11,708.27	7,186.05	72.40	73.49	-92.64	-1,142.72	-3,533.13	1,322.94	1,176.81	146.13	9.053		
11,600.00	7,122.05	11,808.24	7,185.14	74.02	75.10	-92.63	-1,145.12	-3,633.06	1,325.48	1,176.11	149.37	8.874		
11,700.00	7,121.22	11,908.21	7,184.24	75.65	76.72	-92.62	-1,147.53	-3,733.00	1,328.01	1,175.40	152.61	8.702		
11,800.00	7,120.40	12,008.18	7,183.33	77.28	78.33	-92.61	-1,149.93	-3,832.93	1,330.55	1,174.69	155.86	8.537		
11,900.00	7,119.57	12,108.14	7,182.43	78.91	79.95	-92.61	-1,152.34	-3,932.86	1,333.08	1,173.98	159.11	8.379		
12,000.00	7,118.75	12,215.75	7,181.45	80.54	81.70	-92.60	-1,154.88	-4,040.44	1,335.59	1,173.11	162.48	8.220		
12,100.00	7,117.92	12,362.31	7,180.12	82.17	84.08	-92.59	-1,154.20	-4,186.98	1,335.00	1,168.65	166.36	8.025		
12,200.00	7,117.10	12,462.30	7,179.22	83.81	85.71	-92.59	-1,152.54	-4,286.95	1,333.48	1,163.86	169.62	7.861		
12,300.00	7,116.28	12,562.29	7,178.31	85.44	87.34	-92.59	-1,150.89	-4,386.92	1,331.96	1,159.06	172.89	7.704		
12,400.00	7,115.45	12,662.27	7,177.40	87.08	88.97	-92.59	-1,149.23	-4,486.89	1,330.43	1,154.27	176.16	7.552		
12,500.00	7,114.63	12,762.26	7,176.50	88.72	90.60	-92.59	-1,147.58	-4,586.86	1,328.91	1,149.47	179.44	7.406		
12,600.00	7,113.80	12,862.25	7,175.59	90.36	92.23	-92.59	-1,145.92	-4,686.83	1,327.39	1,144.67	182.72	7.265		
12,700.00	7,112.98	12,962.24	7,174.69	92.01	93.87	-92.59	-1,144.26	-4,786.80	1,325.87	1,139.87	186.00	7.128		
12,800.00	7,112.15	13,062.23	7,173.78	93.65	95.51	-92.59	-1,142.61	-4,886.77	1,324.34	1,135.06	189.28	6.997		
12,900.00	7,111.33	13,162.22	7,172.87	95.29	97.14	-92.59	-1,140.95	-4,986.74	1,322.82	1,130.25	192.57	6.869		
13,000.00	7,110.50	13,262.20	7,171.97	96.94	98.78	-92.59	-1,139.30	-5,086.71	1,321.30	1,125.44	195.86	6.746		
13,100.00	7,109.68	13,362.19	7,171.06	98.59	100.42	-92.59	-1,137.64	-5,186.68	1,319.77	1,120.63	199.15	6.627		
13,200.00	7,108.86	13,462.18	7,170.16	100.23	102.07	-92.59	-1,135.99	-5,286.65	1,318.25	1,115.81	202.44	6.512		
13,300.00	7,108.03	13,562.17	7,169.25	101.88	103.71	-92.59	-1,134.33	-5,386.62	1,316.73	1,111.00	205.73	6.400		
13,400.00	7,107.21	13,662.16	7,168.34	103.53	105.35	-92.58	-1,132.68	-5,486.59	1,315.21	1,106.18	209.03	6.292		
13,500.00	7,106.38	13,762.15	7,167.44	105.18	107.00	-92.58	-1,131.02	-5,586.57	1,313.68	1,101.36	212.33	6.187		
13,600.00	7,105.56	13,862.13	7,166.53	106.83	108.64	-92.58	-1,129.37	-5,686.54	1,312.16	1,096.54	215.62	6.085		
13,700.00	7,104.73	13,962.12	7,165.63	108.49	110.29	-92.58	-1,127.71	-5,786.51	1,310.64	1,091.71	218.92	5.987		
13,800.00	7,103.91	14,062.11	7,164.72	110.14	111.94	-92.58	-1,126.06	-5,886.48	1,309.12	1,086.89	222.23	5.891		
13,900.00	7,103.09	14,162.10	7,163.81	111.79	113.59	-92.58	-1,124.40	-5,986.45	1,307.59	1,082.06	225.53	5.798		
14,000.00	7,102.26	14,262.09	7,162.91	113.44	115.24	-92.58	-1,122.74	-6,086.42	1,306.07	1,077.24	228.84	5.707		
14,100.00	7,101.44	14,362.08	7,162.00	115.10	116.89	-92.58	-1,121.09	-6,186.39	1,304.55	1,072.41	232.14	5.620		
14,200.00	7,100.61	14,462.06	7,161.09	116.75	118.54	-92.58	-1,119.43	-6,286.36	1,303.03	1,067.58	235.45	5.534		
14,300.00	7,099.79	14,562.05	7,160.19	118.41	120.19	-92.58	-1,117.78	-6,386.33	1,301.50	1,062.74	238.76	5.451		
14,400.00	7,098.96	14,662.04	7,159.28	120.07	121.84	-92.58	-1,116.12	-6,486.30	1,299.98	1,057.91	242.07	5.370		
14,500.00	7,098.14	14,762.03	7,158.38	121.72	123.49	-92.58	-1,114.47	-6,586.27	1,298.46	1,053.08	245.38	5.292		
14,600.00	7,097.31	14,862.02	7,157.47	123.38	125.15	-92.58	-1,112.81	-6,686.24	1,296.93	1,048.24	248.69	5.215		
14,700.00	7,096.49	14,962.01	7,156.56	125.04	126.80	-92.58	-1,111.16	-6,786.21	1,295.41	1,043.41	252.00	5.140		
14,800.00	7,095.67	15,062.00	7,155.66	126.70	128.46	-92.58	-1,109.50	-6,886.18	1,293.89	1,038.57	255.32	5.068		
14,900.00	7,094.84	15,161.98	7,154.75	128.35	130.11	-92.58	-1,107.85	-6,986.15	1,292.37	1,033.73	258.63	4.997		
15,000.00	7,094.02	15,261.97	7,153.85	130.01	131.77	-92.58	-1,106.19	-7,086.12	1,290.84	1,028.89	261.95	4.928		
15,100.00	7,093.19	15,344.96	7,153.09	131.67	133.14	-92.57	-1,104.82	-7,169.09	1,289.43	1,024.37	265.07	4.865		
15,101.99	7,093.18	15,344.96	7,153.09	131.71	133.14	-92.57	-1,104.82	-7,169.09	1,289.43	1,024.32	265.11	4.864 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	-54.58	247.73	-348.35	427.46				
100.00	100.00	102.52	102.52	3.28	3.28	-54.67	246.86	-348.30	426.94	419.58	7.36	58.039	
200.00	200.00	200.58	200.56	3.31	3.30	-54.81	245.56	-348.24	426.13	418.73	7.39	57.641	
275.77	275.77	276.36	276.35	3.34	3.32	-135.93	244.88	-348.17	426.03	418.58	7.44	57.231	
300.00	300.00	300.60	300.58	3.35	3.33	-135.94	244.69	-348.12	425.84	418.37	7.46	57.047	
400.00	399.93	400.99	400.97	3.41	3.37	-136.30	243.92	-347.85	427.69	420.12	7.57	56.507	
500.00	499.68	498.12	498.09	3.50	3.42	-136.93	243.28	-347.82	432.37	424.66	7.71	56.092	
600.00	599.13	599.45	599.43	3.61	3.49	-137.82	242.78	-347.79	439.78	431.90	7.89	55.772	
700.00	698.15	696.74	696.71	3.76	3.57	-138.86	242.60	-347.53	449.90	441.80	8.10	55.555	
800.00	796.83	791.06	791.04	3.93	3.65	-140.08	242.78	-347.79	462.63	454.28	8.34	55.466	
900.00	895.50	889.28	889.25	4.14	3.74	-141.34	243.13	-348.61	476.18	467.57	8.61	55.318	
1,000.00	994.17	986.82	986.79	4.36	3.85	-142.53	243.50	-349.50	490.03	481.12	8.90	55.054	
1,100.00	1,092.84	1,085.22	1,085.18	4.61	3.96	-143.68	243.73	-350.63	504.21	495.00	9.22	54.706	
1,200.00	1,191.50	1,181.37	1,181.32	4.87	4.08	-144.79	243.73	-352.03	518.78	509.23	9.55	54.323	
1,300.00	1,290.17	1,280.47	1,280.40	5.14	4.21	-145.90	243.54	-353.85	533.78	523.88	9.90	53.897	
1,400.00	1,388.84	1,380.36	1,380.28	5.43	4.35	-146.96	243.20	-355.46	548.71	538.43	10.27	53.407	
1,500.00	1,487.51	1,479.33	1,479.24	5.73	4.49	-147.95	242.89	-356.81	563.60	552.94	10.66	52.888	
1,600.00	1,586.18	1,576.42	1,576.32	6.03	4.64	-148.85	242.79	-358.12	578.70	567.65	11.05	52.381	
1,700.00	1,684.85	1,676.19	1,676.08	6.34	4.79	-149.75	242.54	-359.62	594.04	582.58	11.45	51.862	
1,800.00	1,783.52	1,775.79	1,775.67	6.66	4.95	-150.61	242.02	-360.90	609.21	597.34	11.87	51.327	
1,900.00	1,882.18	1,875.23	1,875.11	6.84	5.12	-151.41	241.69	-361.96	624.37	612.41	11.96	52.199	
2,000.00	1,980.85	1,973.37	1,973.24	6.87	5.28	-152.14	241.61	-362.84	639.55	627.41	12.14	52.678	
2,100.00	2,079.52	2,068.50	2,068.36	6.93	5.44	-152.79	241.83	-363.85	655.09	642.76	12.33	53.117	
2,200.00	2,178.19	2,163.23	2,163.08	6.99	5.61	-153.36	242.68	-365.27	671.31	658.77	12.54	53.524	
2,300.00	2,276.86	2,265.37	2,265.20	7.08	5.79	-153.91	244.23	-366.79	687.78	675.00	12.78	53.801	
2,400.00	2,375.53	2,362.36	2,362.17	7.17	5.96	-154.39	245.64	-367.67	703.72	690.69	13.03	54.004	
2,500.00	2,474.20	2,464.66	2,464.45	7.29	6.14	-154.86	247.40	-368.89	720.07	706.77	13.30	54.123	
2,600.00	2,572.86	2,572.34	2,572.11	7.41	6.33	-155.36	248.54	-369.03	735.26	721.66	13.60	54.061	
2,700.00	2,671.53	2,669.39	2,669.17	7.55	6.51	-155.83	249.00	-368.67	749.88	735.99	13.89	53.992	
2,800.00	2,770.20	2,762.38	2,762.15	7.70	6.68	-156.21	250.19	-368.75	765.18	750.99	14.18	53.946	
2,900.00	2,868.87	2,861.25	2,861.01	7.86	6.87	-156.66	250.86	-369.54	781.04	766.54	14.50	53.847	
3,000.00	2,967.54	2,959.75	2,959.51	8.03	7.05	-157.16	250.52	-370.27	796.67	781.83	14.84	53.697	
3,100.00	3,066.21	3,055.59	3,055.35	8.21	7.24	-157.62	250.37	-371.22	812.63	797.46	15.17	53.554	
3,200.00	3,164.88	3,153.64	3,153.38	8.40	7.43	-158.10	249.84	-372.53	828.89	813.37	15.53	53.385	
3,300.00	3,263.54	3,252.27	3,252.01	8.60	7.62	-158.58	249.16	-373.79	845.13	829.24	15.89	53.186	
3,400.00	3,362.21	3,352.65	3,352.37	8.81	7.82	-159.05	248.28	-375.10	861.41	845.14	16.27	52.957	
3,500.00	3,460.88	3,451.89	3,451.61	9.02	8.01	-159.48	247.81	-375.97	877.40	860.75	16.65	52.701	
3,600.00	3,559.55	3,548.35	3,548.06	9.24	8.20	-159.86	247.57	-376.97	893.63	876.59	17.03	52.462	
3,700.00	3,658.22	3,646.09	3,645.79	9.47	8.40	-160.21	247.78	-378.04	910.05	892.62	17.43	52.213	
3,800.00	3,756.89	3,744.13	3,743.83	9.70	8.60	-160.57	247.76	-379.20	926.54	908.70	17.83	51.956	
3,900.00	3,855.56	3,842.30	3,841.99	9.94	8.79	-160.92	247.50	-380.47	943.13	924.88	18.24	51.698	
4,000.00	3,954.22	3,944.00	3,943.68	10.19	9.00	-161.29	247.12	-381.71	959.67	941.00	18.67	51.410	
4,100.00	4,052.89	4,047.45	4,047.12	10.44	9.21	-161.64	246.73	-382.38	975.67	956.57	19.10	51.082	
4,200.00	4,151.56	4,148.39	4,148.06	10.69	9.41	-161.98	246.11	-382.75	991.41	971.88	19.53	50.760	
4,300.00	4,250.23	4,245.91	4,245.57	10.95	9.61	-162.34	244.72	-383.08	1,007.03	987.07	19.96	50.458	
4,400.00	4,348.90	4,339.71	4,339.36	11.21	9.80	-162.70	243.09	-383.79	1,023.06	1,002.68	20.38	50.198	
4,500.00	4,447.57	4,433.58	4,433.22	11.48	9.99	-162.99	242.58	-384.78	1,039.57	1,018.76	20.81	49.958	
4,600.00	4,546.24	4,529.07	4,528.70	11.75	10.18	-163.20	243.47	-385.99	1,056.52	1,035.27	21.25	49.727	
4,700.00	4,644.90	4,625.47	4,625.08	12.02	10.38	-163.38	244.83	-387.24	1,073.56	1,051.87	21.69	49.496	
4,800.00	4,743.57	4,714.35	4,713.93	12.30	10.56	-163.55	246.11	-388.95	1,091.24	1,069.12	22.12	49.340	
4,900.00	4,842.24	4,802.89	4,802.42	12.58	10.74	-163.68	247.99	-391.39	1,109.80	1,087.26	22.55	49.226	
5,000.00	4,940.91	4,904.65	4,904.09	12.86	10.95	-163.78	251.10	-394.34	1,128.64	1,105.62	23.01	49.044	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,039.58	5,007.35	5,006.70	13.14	11.16	-163.87	254.33	-396.93	1,147.12	1,123.64	23.49	48.844	
5,200.00	5,138.25	5,106.77	5,106.06	13.43	11.37	-163.97	257.10	-399.30	1,165.42	1,141.47	23.95	48.657	
5,300.00	5,236.92	5,218.70	5,217.95	13.71	11.60	-164.11	259.50	-401.14	1,182.92	1,158.46	24.45	48.373	
5,400.00	5,335.58	5,313.38	5,312.60	14.00	11.79	-164.25	261.11	-402.48	1,200.17	1,175.25	24.91	48.176	
5,500.00	5,434.25	5,411.15	5,410.35	14.30	12.00	-164.38	262.74	-404.05	1,217.59	1,192.21	25.38	47.973	
5,600.00	5,532.92	5,510.27	5,509.44	14.59	12.20	-164.54	264.03	-405.70	1,235.05	1,209.20	25.86	47.767	
5,700.00	5,631.59	5,616.00	5,615.16	14.88	12.42	-164.69	265.39	-407.05	1,252.14	1,225.79	26.35	47.519	
5,800.00	5,730.26	5,717.02	5,716.16	15.18	12.63	-164.83	266.80	-408.00	1,268.91	1,242.08	26.83	47.290	
5,900.00	5,828.93	5,821.57	5,820.71	15.48	12.85	-164.98	268.12	-408.59	1,285.31	1,257.99	27.33	47.036	
6,000.00	5,927.60	5,922.08	5,921.21	15.78	13.06	-165.15	268.48	-408.95	1,301.42	1,273.61	27.81	46.795	
6,100.00	6,026.27	6,019.34	6,018.46	16.08	13.26	-165.32	268.78	-409.29	1,317.54	1,289.25	28.29	46.574	
6,200.00	6,124.93	6,115.94	6,115.06	16.38	13.47	-165.47	269.26	-409.77	1,333.82	1,305.06	28.77	46.366	
6,300.00	6,223.60	6,216.22	6,215.34	16.68	13.68	-165.63	269.74	-410.22	1,350.07	1,320.81	29.26	46.147	
6,400.00	6,322.27	6,312.12	6,311.24	16.99	13.88	-165.77	270.46	-410.75	1,366.45	1,336.72	29.73	45.955	
6,500.00	6,420.94	6,419.15	6,418.27	17.29	14.10	-165.51	270.92	-411.01	1,382.49	1,352.25	30.24	45.717	
6,600.00	6,520.52	6,516.90	6,516.02	17.48	14.30	-78.75	271.35	-411.10	1,389.92	1,359.28	30.64	45.364	
6,700.00	6,620.05	6,617.41	6,616.52	17.60	14.51	-4.57	272.26	-411.19	1,381.76	1,350.77	30.99	44.585	
6,800.00	6,717.09	6,718.18	6,717.29	17.66	14.72	0.13	273.20	-411.08	1,357.99	1,326.70	31.29	43.398	
6,900.00	6,809.23	6,811.66	6,810.76	17.68	14.91	2.04	273.81	-410.81	1,319.20	1,287.68	31.52	41.846	
7,000.00	6,894.22	6,893.76	6,892.87	17.66	15.08	3.45	274.02	-410.66	1,266.61	1,234.92	31.69	39.967	
7,100.00	6,969.97	6,973.68	6,972.79	17.65	15.24	4.98	273.94	-410.50	1,201.42	1,169.59	31.83	37.742	
7,200.00	7,034.59	7,046.62	7,045.72	17.67	15.39	7.19	273.71	-410.00	1,124.97	1,093.02	31.95	35.209	
7,300.00	7,086.52	7,105.98	7,105.08	17.76	15.51	10.98	273.25	-409.11	1,039.08	1,007.04	32.04	32.432	
7,400.00	7,124.46	7,139.82	7,138.91	17.95	15.58	18.55	272.89	-408.54	946.37	914.31	32.06	29.514	
7,500.00	7,147.48	7,160.53	7,159.62	18.24	15.62	39.46	272.63	-408.21	849.32	817.24	32.08	26.478	
7,600.00	7,155.01	7,166.37	7,165.45	18.62	15.63	98.49	272.56	-408.12	750.33	718.25	32.08	23.390	
7,700.00	7,154.20	7,164.11	7,163.20	19.12	15.63	99.41	272.59	-408.16	651.36	619.27	32.08	20.302	
7,800.00	7,153.37	7,161.83	7,160.91	19.75	15.62	98.11	272.62	-408.19	552.74	520.63	32.11	17.215	
7,900.00	7,152.55	7,159.52	7,158.61	20.50	15.62	96.78	272.65	-408.23	454.72	422.55	32.17	14.134	
8,000.00	7,151.73	7,157.19	7,156.28	21.36	15.62	95.44	272.68	-408.26	357.79	325.44	32.34	11.062	
8,100.00	7,150.90	7,154.84	7,153.93	22.30	15.61	94.09	272.71	-408.30	263.13	230.32	32.81	8.019	
8,200.00	7,150.08	7,152.47	7,151.55	23.33	15.61	92.71	272.74	-408.33	174.51	140.18	34.33	5.083	
8,300.00	7,149.25	7,150.07	7,149.16	24.43	15.60	91.32	272.76	-408.37	107.98	68.96	39.02	2.767	
8,344.03	7,148.89	7,149.01	7,148.10	24.94	15.60	90.70	272.78	-408.39	98.60	57.59	41.01	2.404 CC, ES, SF	
8,400.00	7,148.43	7,147.65	7,146.74	25.59	15.60	89.91	272.79	-408.41	113.37	73.30	40.07	2.829	
8,500.00	7,147.60	7,145.21	7,144.30	26.81	15.59	88.49	272.82	-408.45	184.49	148.15	36.34	5.077	
8,600.00	7,146.78	7,142.74	7,141.83	28.07	15.59	87.06	272.85	-408.49	274.24	239.61	34.63	7.920	
8,700.00	7,145.96	7,140.25	7,139.34	29.38	15.58	85.63	272.88	-408.53	369.27	335.40	33.87	10.903	
8,800.00	7,145.13	7,137.74	7,136.82	30.72	15.58	84.18	272.91	-408.57	466.38	432.89	33.48	13.928	
8,900.00	7,144.31	7,135.19	7,134.28	32.09	15.57	82.73	272.94	-408.61	564.48	531.22	33.27	16.969	
9,000.00	7,143.48	7,132.63	7,131.72	33.49	15.57	81.27	272.97	-408.65	663.14	630.01	33.14	20.013	
9,100.00	7,142.66	7,130.04	7,129.13	34.92	15.56	79.81	273.00	-408.70	762.15	729.09	33.06	23.055	
9,200.00	7,141.83	7,127.42	7,126.51	36.36	15.55	78.35	273.03	-408.74	861.37	828.36	33.01	26.094	
9,300.00	7,141.01	7,124.78	7,123.87	37.83	15.55	76.89	273.06	-408.79	960.75	927.77	32.99	29.127	
9,400.00	7,140.18	7,122.10	7,121.20	39.31	15.54	75.44	273.09	-408.83	1,060.24	1,027.27	32.98	32.152	
9,500.00	7,139.36	7,119.41	7,118.50	40.80	15.54	73.99	273.11	-408.88	1,159.81	1,126.84	32.98	35.170	
9,600.00	7,138.54	7,116.68	7,115.77	42.31	15.53	72.55	273.14	-408.92	1,259.45	1,226.46	32.99	38.178	
9,700.00	7,137.71	7,113.93	7,113.02	43.84	15.53	71.11	273.17	-408.97	1,359.13	1,326.12	33.01	41.177	
9,800.00	7,136.89	7,111.14	7,110.24	45.37	15.52	69.69	273.20	-409.02	1,458.85	1,425.82	33.03	44.165	
9,900.00	7,136.06	7,108.33	7,107.43	46.91	15.52	68.28	273.23	-409.07	1,558.60	1,525.54	33.06	47.142	
10,000.00	7,135.24	7,105.49	7,104.59	48.46	15.51	66.88	273.26	-409.12	1,658.38	1,625.28	33.10	50.108	
10,100.00	7,134.41	7,102.62	7,101.72	50.02	15.50	65.50	273.28	-409.17	1,758.18	1,725.04	33.14	53.061	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	7,133.59	7,100.00	7,099.10	51.59	15.50	64.26	273.31	-409.22	1,858.00	1,824.82	33.18	56.004	
10,300.00	7,132.76	7,097.68	7,096.78	53.16	15.49	63.19	273.33	-409.26	1,957.83	1,924.61	33.22	58.937	
10,400.00	7,131.94	7,095.61	7,094.71	54.74	15.49	62.25	273.35	-409.30	2,057.67	2,024.41	33.26	61.858	
10,500.00	7,131.12	7,093.58	7,092.68	56.32	15.49	61.34	273.37	-409.33	2,157.53	2,124.22	33.31	64.766	
10,600.00	7,130.29	7,091.59	7,090.69	57.91	15.48	60.47	273.38	-409.37	2,257.40	2,224.03	33.36	67.661	
10,700.00	7,129.47	7,089.65	7,088.74	59.51	15.48	59.63	273.40	-409.40	2,357.27	2,323.86	33.42	70.542	
10,800.00	7,128.64	7,087.74	7,086.84	61.11	15.47	58.82	273.42	-409.43	2,457.16	2,423.69	33.47	73.409	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	3.05	3.05	3.28	3.28	-172.73	-906.03	-115.66	913.38				
100.00	100.00	104.89	104.89	3.28	3.28	-172.73	-905.94	-115.51	913.28	905.92	7.36	124.150	
161.82	161.82	164.82	164.82	3.29	3.29	-172.74	-905.90	-115.43	913.22	905.85	7.37	123.831	CC, ES
200.00	200.00	202.01	202.01	3.31	3.30	-172.74	-905.92	-115.44	913.24	905.85	7.39	123.530	
300.00	300.00	301.46	301.46	3.35	3.32	106.28	-906.08	-115.31	913.51	906.04	7.46	122.384	
400.00	399.93	406.88	406.88	3.41	3.37	106.46	-905.97	-115.03	914.36	906.79	7.57	120.783	
500.00	499.68	507.71	507.71	3.50	3.42	106.84	-905.53	-114.76	915.89	908.18	7.71	118.760	
600.00	599.13	603.86	603.86	3.61	3.49	107.38	-905.23	-114.50	918.64	910.75	7.89	116.422	
700.00	698.15	703.12	703.12	3.76	3.57	108.12	-905.04	-114.43	922.71	914.60	8.11	113.725	
800.00	796.83	801.07	801.07	3.93	3.65	109.04	-904.85	-114.54	927.77	919.39	8.38	110.739	
900.00	895.50	900.09	900.08	4.14	3.75	109.99	-904.68	-114.65	933.11	924.43	8.68	107.527	
1,000.00	994.17	1,001.96	1,001.96	4.36	3.86	110.95	-904.31	-114.74	938.52	929.51	9.01	104.144	
1,100.00	1,092.84	1,102.02	1,102.02	4.61	3.98	111.88	-903.70	-114.81	943.94	934.57	9.37	100.733	
1,200.00	1,191.50	1,199.73	1,199.72	4.87	4.11	112.78	-903.12	-114.71	949.59	939.84	9.75	97.396	
1,300.00	1,290.17	1,297.84	1,297.83	5.14	4.24	113.65	-902.67	-114.39	955.55	945.40	10.15	94.155	
1,400.00	1,388.84	1,394.64	1,394.63	5.43	4.37	114.49	-902.39	-114.00	961.86	951.30	10.56	91.070	
1,500.00	1,487.51	1,491.88	1,491.87	5.73	4.52	115.33	-902.27	-113.67	968.57	957.59	10.99	88.141	
1,600.00	1,586.18	1,588.71	1,588.70	6.03	4.66	116.15	-902.29	-113.44	975.67	964.24	11.43	85.393	
1,700.00	1,684.85	1,687.53	1,687.52	6.34	4.81	116.98	-902.41	-113.25	983.07	971.20	11.88	82.785	
1,800.00	1,783.52	1,784.53	1,784.51	6.66	4.96	117.78	-902.60	-113.01	990.74	978.41	12.33	80.350	
1,900.00	1,882.18	1,883.23	1,883.22	6.84	5.12	118.59	-902.85	-112.94	998.72	986.28	12.44	80.273	
2,000.00	1,980.85	1,980.05	1,980.04	6.87	5.28	119.39	-903.05	-113.13	1,006.95	994.33	12.63	79.758	
2,100.00	2,079.52	2,077.79	2,077.77	6.93	5.44	120.19	-903.37	-113.49	1,015.55	1,002.72	12.83	79.160	
2,200.00	2,178.19	2,177.35	2,177.33	6.99	5.61	121.00	-903.58	-114.15	1,024.36	1,011.30	13.06	78.464	
2,300.00	2,276.86	2,274.20	2,274.18	7.08	5.78	121.78	-903.74	-114.84	1,033.34	1,020.05	13.29	77.733	
2,400.00	2,375.53	2,376.04	2,376.01	7.17	5.96	122.60	-903.92	-115.62	1,042.56	1,029.00	13.56	76.895	
2,500.00	2,474.20	2,476.77	2,476.74	7.29	6.14	123.40	-903.65	-116.46	1,051.61	1,037.77	13.84	76.000	
2,600.00	2,572.86	2,576.31	2,576.28	7.41	6.32	124.19	-903.19	-117.46	1,060.74	1,046.61	14.13	75.077	
2,700.00	2,671.53	2,672.15	2,672.11	7.55	6.50	124.95	-902.74	-118.49	1,070.11	1,055.68	14.43	74.171	
2,800.00	2,770.20	2,770.62	2,770.57	7.70	6.68	125.71	-902.40	-119.79	1,079.88	1,065.14	14.74	73.240	
2,900.00	2,868.87	2,866.88	2,866.81	7.86	6.86	126.47	-901.91	-121.37	1,089.85	1,074.78	15.07	72.324	
3,000.00	2,967.54	2,959.58	2,959.50	8.03	7.03	127.20	-901.67	-123.18	1,100.39	1,084.99	15.40	71.463	
3,100.00	3,066.21	3,056.22	3,056.12	8.21	7.22	127.94	-901.83	-125.26	1,111.58	1,095.84	15.75	70.596	
3,200.00	3,164.88	3,152.85	3,152.73	8.40	7.40	128.66	-901.98	-127.32	1,122.94	1,106.83	16.10	69.732	
3,300.00	3,263.54	3,250.13	3,249.99	8.60	7.59	129.35	-902.57	-129.17	1,134.75	1,118.27	16.47	68.886	
3,400.00	3,362.21	3,347.86	3,347.70	8.81	7.78	130.03	-903.19	-130.82	1,146.64	1,129.79	16.85	68.042	
3,500.00	3,460.88	3,442.66	3,442.49	9.02	7.97	130.66	-904.11	-132.39	1,158.95	1,141.71	17.23	67.250	
3,600.00	3,559.55	3,538.27	3,538.07	9.24	8.15	131.27	-905.41	-133.86	1,171.67	1,154.05	17.62	66.480	
3,700.00	3,658.22	3,632.83	3,632.61	9.47	8.34	131.85	-907.00	-135.25	1,184.75	1,166.73	18.02	65.744	
3,800.00	3,756.89	3,726.29	3,726.04	9.70	8.52	132.39	-909.11	-136.60	1,198.41	1,179.99	18.42	65.056	
3,900.00	3,855.56	3,824.40	3,824.10	9.94	8.72	132.93	-911.68	-137.75	1,212.34	1,193.50	18.84	64.352	
4,000.00	3,954.22	3,922.30	3,921.96	10.19	8.91	133.45	-914.32	-138.87	1,226.42	1,207.16	19.26	63.668	
4,100.00	4,052.89	4,021.51	4,021.13	10.44	9.11	133.97	-917.04	-139.91	1,240.57	1,220.88	19.70	62.989	
4,200.00	4,151.56	4,123.07	4,122.65	10.69	9.31	134.50	-919.47	-141.31	1,254.74	1,234.60	20.14	62.307	
4,300.00	4,250.23	4,231.28	4,230.84	10.95	9.53	135.07	-921.33	-142.58	1,268.34	1,247.74	20.60	61.565	
4,400.00	4,348.90	4,334.35	4,333.89	11.21	9.74	135.59	-922.85	-143.35	1,281.62	1,260.56	21.06	60.863	
4,500.00	4,447.57	4,441.75	4,441.29	11.48	9.96	136.13	-923.86	-143.92	1,294.43	1,272.91	21.53	60.130	
4,600.00	4,546.24	4,544.05	4,543.58	11.75	10.16	136.66	-924.03	-144.46	1,306.74	1,284.75	21.99	59.430	
4,700.00	4,644.90	4,639.95	4,639.48	12.02	10.36	137.14	-924.17	-145.13	1,319.23	1,296.80	22.44	58.796	
4,800.00	4,743.57	4,739.89	4,739.42	12.30	10.57	137.64	-924.50	-145.79	1,331.95	1,309.05	22.90	58.165	
4,900.00	4,842.24	4,840.87	4,840.40	12.58	10.77	138.13	-924.54	-146.29	1,344.43	1,321.06	23.37	57.535	
5,000.00	4,940.91	4,937.73	4,937.25	12.86	10.97	138.60	-924.56	-147.00	1,357.13	1,333.31	23.83	56.957	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
5,100.00	5,039.58	5,035.44	5,034.97	13.14	11.17	139.06	-924.60	-147.63	1,369.90	1,345.61	24.29	56.392	
5,200.00	5,138.25	5,129.27	5,128.79	13.43	11.37	139.50	-924.79	-148.50	1,383.05	1,358.30	24.75	55.880	
5,300.00	5,236.92	5,225.75	5,225.26	13.71	11.57	139.95	-925.06	-149.62	1,396.50	1,371.29	25.22	55.379	
5,400.00	5,335.58	5,322.05	5,321.55	14.00	11.77	140.39	-925.39	-150.88	1,410.18	1,384.49	25.69	54.901	
5,500.00	5,434.25	5,418.01	5,417.50	14.30	11.97	140.83	-925.76	-152.36	1,424.13	1,397.97	26.16	54.449	
5,600.00	5,532.92	5,517.43	5,516.91	14.59	12.18	141.28	-926.17	-153.92	1,438.20	1,411.57	26.64	53.996	
5,700.00	5,631.59	5,620.27	5,619.73	14.88	12.39	141.73	-926.45	-155.46	1,452.22	1,425.09	27.13	53.536	
5,800.00	5,730.26	5,730.71	5,730.16	15.18	12.62	142.24	-925.70	-157.21	1,465.68	1,438.05	27.63	53.038	
5,900.00	5,828.93	5,832.82	5,832.25	15.48	12.83	142.72	-924.33	-158.61	1,478.63	1,450.50	28.12	52.577	
6,000.00	5,927.60	5,927.26	5,926.67	15.78	13.03	143.15	-923.05	-160.14	1,491.83	1,463.24	28.59	52.173	
6,100.00	6,026.27	6,025.68	6,025.06	16.08	13.23	143.62	-921.47	-162.09	1,505.20	1,476.13	29.08	51.768	
6,200.00	6,124.93	6,122.89	6,122.23	16.38	13.44	144.08	-919.74	-164.27	1,518.73	1,489.18	29.56	51.386	
6,300.00	6,223.60	6,219.25	6,218.55	16.68	13.64	144.53	-917.94	-166.55	1,532.39	1,502.35	30.03	51.021	
6,400.00	6,322.27	6,308.32	6,307.58	16.99	13.83	144.93	-916.81	-168.72	1,546.60	1,516.10	30.50	50.714	
6,500.00	6,420.94	6,412.61	6,411.84	17.29	14.05	145.82	-916.16	-170.72	1,560.95	1,529.95	31.00	50.356	
6,600.00	6,520.52	6,510.56	6,509.79	17.48	14.25	-126.58	-915.95	-172.08	1,569.07	1,537.69	31.38	50.003	
6,700.00	6,620.05	6,610.73	6,609.95	17.60	14.46	-52.87	-915.92	-173.26	1,565.76	1,534.04	31.72	49.356	
6,800.00	6,717.09	6,704.22	6,703.44	17.66	14.66	-49.90	-916.21	-174.23	1,551.39	1,519.38	32.01	48.461	
6,900.00	6,809.23	6,804.49	6,803.70	17.68	14.87	-51.22	-916.61	-174.99	1,526.40	1,494.11	32.29	47.265	
7,000.00	6,894.22	6,887.82	6,887.02	17.66	15.05	-54.41	-916.89	-175.46	1,492.00	1,459.48	32.52	45.881	
7,100.00	6,969.97	6,962.56	6,961.77	17.65	15.21	-59.10	-917.23	-175.89	1,450.07	1,417.34	32.73	44.300	
7,200.00	7,034.59	7,027.19	7,026.39	17.67	15.34	-65.02	-917.62	-176.23	1,402.62	1,369.66	32.96	42.555	
7,300.00	7,086.52	7,080.04	7,079.24	17.76	15.45	-71.73	-917.96	-176.46	1,351.92	1,318.70	33.23	40.688	
7,400.00	7,124.46	7,118.06	7,117.26	17.95	15.53	-78.49	-918.21	-176.61	1,300.53	1,266.98	33.55	38.764	
7,500.00	7,147.48	7,140.86	7,140.06	18.24	15.58	-84.61	-918.38	-176.69	1,251.05	1,217.10	33.95	36.851	
7,600.00	7,155.01	7,148.56	7,147.76	18.62	15.60	-89.54	-918.43	-176.72	1,205.85	1,171.43	34.43	35.027	
7,700.00	7,154.20	7,148.12	7,147.32	19.12	15.60	-89.66	-918.43	-176.72	1,167.01	1,132.01	35.01	33.336	
7,800.00	7,153.37	7,147.68	7,146.88	19.75	15.60	-89.64	-918.43	-176.72	1,135.67	1,099.95	35.72	31.793	
7,900.00	7,152.55	7,147.23	7,146.43	20.50	15.59	-89.61	-918.42	-176.72	1,112.47	1,075.93	36.54	30.442	
8,000.00	7,151.73	7,146.78	7,145.98	21.36	15.59	-89.59	-918.42	-176.71	1,097.92	1,060.48	37.44	29.323	
8,100.00	7,150.90	7,146.34	7,145.54	22.30	15.59	-89.57	-918.42	-176.71	1,092.37	1,054.00	38.37	28.468	
8,110.82	7,150.81	7,146.29	7,145.49	22.41	15.59	-89.56	-918.42	-176.71	1,092.32	1,053.84	38.48	28.390	
8,200.00	7,150.08	7,145.89	7,145.09	23.33	15.59	-89.54	-918.41	-176.71	1,095.95	1,056.66	39.29	27.895	
8,300.00	7,149.25	7,145.44	7,144.64	24.43	15.59	-89.52	-918.41	-176.71	1,108.58	1,068.43	40.15	27.611	
8,400.00	7,148.43	7,145.00	7,144.20	25.59	15.59	-89.50	-918.41	-176.71	1,129.95	1,089.02	40.93	27.609 SF	
8,500.00	7,147.60	7,144.55	7,143.75	26.81	15.59	-89.47	-918.40	-176.71	1,159.58	1,117.98	41.60	27.875	
8,600.00	7,146.78	7,144.10	7,143.30	28.07	15.59	-89.45	-918.40	-176.70	1,196.85	1,154.69	42.16	28.389	
8,700.00	7,145.96	7,143.66	7,142.86	29.38	15.59	-89.43	-918.40	-176.70	1,241.08	1,198.47	42.61	29.126	
8,800.00	7,145.13	7,143.21	7,142.41	30.72	15.59	-89.40	-918.39	-176.70	1,291.56	1,248.60	42.96	30.063	
8,900.00	7,144.31	7,142.77	7,141.97	32.09	15.59	-89.38	-918.39	-176.70	1,347.57	1,304.35	43.22	31.176	
9,000.00	7,143.48	7,142.32	7,141.52	33.49	15.58	-89.36	-918.39	-176.70	1,408.47	1,365.06	43.41	32.443	
9,100.00	7,142.66	7,141.88	7,141.08	34.92	15.58	-89.33	-918.38	-176.70	1,473.64	1,430.10	43.54	33.844	
9,200.00	7,141.83	7,141.43	7,140.63	36.36	15.58	-89.31	-918.38	-176.69	1,542.55	1,498.92	43.62	35.361	
9,300.00	7,141.01	7,140.98	7,140.19	37.83	15.58	-89.29	-918.38	-176.69	1,614.71	1,571.04	43.67	36.978	
9,400.00	7,140.18	7,140.54	7,139.74	39.31	15.58	-89.26	-918.37	-176.69	1,689.71	1,646.03	43.68	38.682	
9,500.00	7,139.36	7,140.09	7,139.30	40.80	15.58	-89.24	-918.37	-176.69	1,767.19	1,723.51	43.67	40.462	
9,600.00	7,138.54	7,139.65	7,138.85	42.31	15.58	-89.22	-918.37	-176.69	1,846.83	1,803.18	43.65	42.307	
9,700.00	7,137.71	7,139.21	7,138.41	43.84	15.58	-89.19	-918.36	-176.69	1,928.37	1,884.75	43.62	44.209	
9,800.00	7,136.89	7,138.76	7,137.96	45.37	15.58	-89.17	-918.36	-176.68	2,011.58	1,968.00	43.58	46.159	
9,900.00	7,136.06	7,138.32	7,137.52	46.91	15.58	-89.15	-918.36	-176.68	2,096.25	2,052.72	43.53	48.152	
10,000.00	7,135.24	7,137.87	7,137.07	48.46	15.58	-89.12	-918.35	-176.68	2,182.22	2,138.74	43.49	50.182	
10,100.00	7,134.41	7,137.43	7,136.63	50.02	15.57	-89.10	-918.35	-176.68	2,269.35	2,225.91	43.44	52.243	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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 6-14 - Noble P&A Well - Actual VES Surveys (Grid to True)											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	
10,200.00	7,133.59	7,136.98	7,136.18	51.59	15.57	-89.08	-918.35	-176.68	2,357.49	2,314.10	43.39	54.332	
10,300.00	7,132.76	7,136.54	7,135.74	53.16	15.57	-89.05	-918.34	-176.68	2,446.55	2,403.20	43.34	56.445	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
0.00	0.00	0.00	0.00	3.28	3.28	175.50	-2,323.55	182.67	2,330.78				
100.00	100.00	83.00	83.00	3.28	3.59	175.50	-2,323.55	182.67	2,330.72	2,323.05	7.67	303.920	
200.00	200.00	183.00	183.00	3.31	5.74	175.50	-2,323.55	182.67	2,330.72	2,320.88	9.84	236.899	
200.00	200.00	183.00	183.00	3.31	5.74	175.50	-2,323.55	182.67	2,330.72	2,320.88	9.84	236.899 CC	
300.00	300.00	283.00	283.00	3.35	8.88	94.51	-2,323.55	182.67	2,330.75	2,317.73	13.02	178.960	
400.00	399.93	382.93	382.93	3.41	12.24	94.59	-2,323.55	182.67	2,331.03	2,314.58	16.45	141.732	
500.00	499.68	482.68	482.68	3.50	15.68	94.75	-2,323.55	182.67	2,331.60	2,311.63	19.97	116.774	
600.00	599.13	582.13	582.13	3.61	19.14	94.99	-2,323.55	182.67	2,332.49	2,308.95	23.54	99.088	
700.00	698.15	681.15	681.15	3.76	22.60	95.30	-2,323.55	182.67	2,333.75	2,306.61	27.15	85.962	
800.00	796.83	779.83	779.83	3.93	26.07	95.69	-2,323.55	182.67	2,335.33	2,304.54	30.79	75.847	
900.00	895.50	878.50	878.50	4.14	29.54	96.08	-2,323.55	182.67	2,337.02	2,302.55	34.47	67.808	
1,000.00	994.17	977.17	977.17	4.36	33.02	96.47	-2,323.55	182.67	2,338.82	2,300.65	38.17	61.277	
1,100.00	1,092.84	1,075.84	1,075.84	4.61	36.50	96.86	-2,323.55	182.67	2,340.73	2,298.84	41.89	55.873	
1,200.00	1,191.50	1,174.50	1,174.50	4.87	39.98	97.25	-2,323.55	182.67	2,342.75	2,297.12	45.64	51.333	
1,300.00	1,290.17	1,273.17	1,273.17	5.14	43.46	97.64	-2,323.55	182.67	2,344.89	2,295.49	49.40	47.469	
1,400.00	1,388.84	1,371.84	1,371.84	5.43	46.95	98.03	-2,323.55	182.67	2,347.14	2,293.96	53.17	44.143	
1,500.00	1,487.51	1,470.51	1,470.51	5.73	50.44	98.42	-2,323.55	182.67	2,349.49	2,292.54	56.96	41.251	
1,600.00	1,586.18	1,569.18	1,569.18	6.03	53.93	98.80	-2,323.55	182.67	2,351.96	2,291.21	60.75	38.715	
1,700.00	1,684.85	1,667.85	1,667.85	6.34	57.42	99.19	-2,323.55	182.67	2,354.53	2,289.98	64.55	36.475	
1,800.00	1,783.52	1,766.52	1,766.52	6.66	60.91	99.57	-2,323.55	182.67	2,357.22	2,288.86	68.36	34.482	
1,900.00	1,882.18	1,865.18	1,865.18	6.84	64.40	99.96	-2,323.55	182.67	2,360.02	2,288.20	71.82	32.862	
2,000.00	1,980.85	1,963.85	1,963.85	6.87	67.89	100.34	-2,323.55	182.67	2,362.92	2,287.58	75.34	31.362	
2,100.00	2,079.52	2,062.52	2,062.52	6.93	71.38	100.72	-2,323.55	182.67	2,365.93	2,287.04	78.89	29.991	
2,200.00	2,178.19	2,161.19	2,161.19	6.99	74.88	101.11	-2,323.55	182.67	2,369.05	2,286.60	82.45	28.734	
2,300.00	2,276.86	2,259.86	2,259.86	7.08	78.37	101.49	-2,323.55	182.67	2,372.28	2,286.26	86.02	27.578	
2,400.00	2,375.53	2,358.53	2,358.53	7.17	81.86	101.87	-2,323.55	182.67	2,375.61	2,286.00	89.61	26.510	
2,500.00	2,474.20	2,457.20	2,457.20	7.29	85.36	102.24	-2,323.55	182.67	2,379.05	2,285.84	93.21	25.522	
2,600.00	2,572.86	2,555.86	2,555.86	7.41	88.85	102.62	-2,323.55	182.67	2,382.60	2,285.77	96.83	24.606	
2,700.00	2,671.53	2,654.53	2,654.53	7.55	92.34	103.00	-2,323.55	182.67	2,386.25	2,285.79	100.46	23.753	
2,800.00	2,770.20	2,753.20	2,753.20	7.70	95.84	103.37	-2,323.55	182.67	2,390.01	2,285.90	104.10	22.958	
2,900.00	2,868.87	2,851.87	2,851.87	7.86	99.33	103.75	-2,323.55	182.67	2,393.87	2,286.11	107.75	22.216	
3,000.00	2,967.54	2,950.54	2,950.54	8.03	102.83	104.12	-2,323.55	182.67	2,397.83	2,286.42	111.42	21.521	
3,100.00	3,066.21	3,049.21	3,049.21	8.21	106.32	104.49	-2,323.55	182.67	2,401.90	2,286.81	115.09	20.869	
3,200.00	3,164.88	3,147.88	3,147.88	8.40	109.81	104.86	-2,323.55	182.67	2,406.08	2,287.30	118.77	20.257	
3,300.00	3,263.54	3,246.54	3,246.54	8.60	113.31	105.23	-2,323.55	182.67	2,410.35	2,287.88	122.47	19.682	
3,400.00	3,362.21	3,345.21	3,345.21	8.81	116.80	105.60	-2,323.55	182.67	2,414.73	2,288.56	126.17	19.139	
3,500.00	3,460.88	3,443.88	3,443.88	9.02	120.30	105.96	-2,323.55	182.67	2,419.21	2,289.33	129.87	18.627	
3,600.00	3,559.55	3,542.55	3,542.55	9.24	123.79	106.33	-2,323.55	182.67	2,423.78	2,290.20	133.59	18.144	
3,700.00	3,658.22	3,641.22	3,641.22	9.47	127.29	106.69	-2,323.55	182.67	2,428.46	2,291.16	137.31	17.686	
3,800.00	3,756.89	3,739.89	3,739.89	9.70	130.78	107.06	-2,323.55	182.67	2,433.24	2,292.21	141.03	17.253	
3,900.00	3,855.56	3,838.56	3,838.56	9.94	134.28	107.42	-2,323.55	182.67	2,438.12	2,293.35	144.77	16.842	
4,000.00	3,954.22	3,937.22	3,937.22	10.19	137.77	107.78	-2,323.55	182.67	2,443.10	2,294.59	148.50	16.451	
4,100.00	4,052.89	4,035.89	4,035.89	10.44	141.27	108.13	-2,323.55	182.67	2,448.17	2,295.93	152.25	16.080	
4,200.00	4,151.56	4,134.56	4,134.56	10.69	144.76	108.49	-2,323.55	182.67	2,453.35	2,297.35	155.99	15.727	
4,300.00	4,250.23	4,233.23	4,233.23	10.95	148.26	108.85	-2,323.55	182.67	2,458.61	2,298.87	159.74	15.391	
4,400.00	4,348.90	4,331.90	4,331.90	11.21	151.75	109.20	-2,323.55	182.67	2,463.98	2,300.48	163.50	15.070	
4,500.00	4,447.57	4,430.57	4,430.57	11.48	155.25	109.55	-2,323.55	182.67	2,469.44	2,302.18	167.26	14.764	
4,600.00	4,546.24	4,529.24	4,529.24	11.75	158.74	109.90	-2,323.55	182.67	2,474.99	2,303.98	171.02	14.472	
4,700.00	4,644.90	4,627.90	4,627.90	12.02	162.24	110.25	-2,323.55	182.67	2,480.64	2,305.86	174.78	14.193	
4,800.00	4,743.57	4,726.57	4,726.57	12.30	165.73	110.60	-2,323.55	182.67	2,486.39	2,307.83	178.55	13.925	
4,900.00	4,842.24	4,825.24	4,825.24	12.58	169.23	110.94	-2,323.55	182.67	2,492.22	2,309.90	182.32	13.669	
5,000.00	4,940.91	4,923.91	4,923.91	12.86	172.73	111.29	-2,323.55	182.67	2,498.15	2,312.06	186.09	13.424	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
7,700.00	7,154.20	7,137.20	7,137.20	19.12	251.14	-90.01	-2,323.55	182.67	2,497.42	2,226.59	270.83	9.221	
7,749.45	7,153.79	7,136.79	7,136.79	19.44	251.12	-90.00	-2,323.55	182.67	2,496.93	2,225.81	271.12	9.210 ES	
7,800.00	7,153.37	7,136.37	7,136.37	19.75	251.11	-89.99	-2,323.55	182.67	2,497.44	2,226.03	271.41	9.202 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	175.94	-2,010.97	142.91	2,016.07				
100.00	100.00	115.20	115.20	3.28	3.28	175.94	-2,010.30	142.72	2,015.50	2,008.14	7.36	273.977	
200.00	200.00	211.59	211.58	3.31	3.30	175.95	-2,009.33	142.36	2,014.47	2,007.07	7.40	272.393	
300.00	300.00	308.30	308.29	3.35	3.33	94.97	-2,008.42	142.29	2,013.56	2,006.10	7.47	269.618	
400.00	399.93	403.47	403.45	3.41	3.37	95.06	-2,007.70	142.51	2,013.13	2,005.56	7.57	265.882	
420.13	420.03	421.65	421.63	3.43	3.38	95.09	-2,007.59	142.56	2,013.11	2,005.52	7.60	265.007 CC, ES	
500.00	499.68	494.27	494.26	3.50	3.42	95.23	-2,007.33	142.66	2,013.36	2,005.65	7.71	261.201	
600.00	599.13	600.87	600.85	3.61	3.49	95.53	-2,006.97	142.72	2,014.01	2,006.12	7.89	255.147	
700.00	698.15	683.52	683.50	3.76	3.56	95.83	-2,006.86	142.81	2,015.28	2,007.18	8.10	248.753	
800.00	796.83	775.89	775.87	3.93	3.63	96.25	-2,007.31	142.86	2,017.50	2,009.14	8.36	241.421	
900.00	895.50	882.68	882.66	4.14	3.74	96.74	-2,007.81	142.85	2,019.84	2,011.17	8.66	233.188	
1,000.00	994.17	976.74	976.72	4.36	3.83	97.16	-2,008.02	143.05	2,022.07	2,013.09	8.99	225.009	
1,100.00	1,092.84	1,079.55	1,079.53	4.61	3.95	97.64	-2,008.42	142.94	2,024.59	2,015.24	9.35	216.562	
1,200.00	1,191.50	1,178.91	1,178.89	4.87	4.07	98.10	-2,008.59	142.39	2,027.01	2,017.28	9.73	208.291	
1,300.00	1,290.17	1,277.02	1,276.99	5.14	4.20	98.56	-2,008.79	142.05	2,029.59	2,019.46	10.13	200.286	
1,400.00	1,388.84	1,383.01	1,382.98	5.43	4.34	99.04	-2,008.86	142.01	2,032.18	2,021.62	10.56	192.357	
1,500.00	1,487.51	1,479.91	1,479.88	5.73	4.48	99.49	-2,008.70	141.64	2,034.68	2,023.68	11.00	184.984	
1,600.00	1,586.18	1,577.42	1,577.39	6.03	4.63	99.95	-2,008.67	140.98	2,037.44	2,025.99	11.45	177.973	
1,700.00	1,684.85	1,677.80	1,677.77	6.34	4.78	100.42	-2,008.61	140.36	2,040.31	2,028.40	11.91	171.266	
1,800.00	1,783.52	1,764.32	1,764.29	6.66	4.92	100.82	-2,008.70	139.99	2,043.47	2,031.11	12.37	165.251	
1,900.00	1,882.18	1,857.79	1,857.75	6.84	5.07	101.25	-2,009.38	139.30	2,047.38	2,034.90	12.48	164.053	
2,000.00	1,980.85	1,966.81	1,966.77	6.87	5.25	101.76	-2,009.96	138.61	2,051.24	2,038.54	12.70	161.576	
2,100.00	2,079.52	2,063.76	2,063.72	6.93	5.42	102.21	-2,010.08	137.79	2,054.83	2,041.92	12.91	159.176	
2,200.00	2,178.19	2,163.01	2,162.96	6.99	5.59	102.68	-2,010.41	136.69	2,058.79	2,045.65	13.15	156.615	
2,300.00	2,276.86	2,269.77	2,269.71	7.08	5.78	103.18	-2,010.46	135.58	2,062.60	2,049.18	13.41	153.777	
2,400.00	2,375.53	2,370.89	2,370.82	7.17	5.96	103.66	-2,010.16	134.32	2,066.23	2,052.54	13.69	150.959	
2,500.00	2,474.20	2,475.65	2,475.58	7.29	6.15	104.16	-2,009.69	132.76	2,069.87	2,055.89	13.98	148.012	
2,600.00	2,572.86	2,574.02	2,573.94	7.41	6.33	104.62	-2,009.07	131.80	2,073.42	2,059.13	14.29	145.142	
2,700.00	2,671.53	2,673.33	2,673.24	7.55	6.51	105.07	-2,008.50	130.94	2,077.15	2,062.55	14.60	142.245	
2,800.00	2,770.20	2,766.83	2,766.73	7.70	6.69	105.51	-2,007.97	129.89	2,081.05	2,066.13	14.92	139.458	
2,900.00	2,868.87	2,855.76	2,855.65	7.86	6.86	105.93	-2,007.74	128.43	2,085.47	2,070.22	15.25	136.788	
3,000.00	2,967.54	2,944.17	2,944.04	8.03	7.03	106.36	-2,007.91	126.58	2,090.51	2,074.93	15.58	134.180	
3,100.00	3,066.21	3,036.77	3,036.62	8.21	7.20	106.81	-2,008.47	124.58	2,096.11	2,080.17	15.93	131.559	
3,200.00	3,164.88	3,130.97	3,130.79	8.40	7.39	107.27	-2,009.09	122.19	2,101.97	2,085.67	16.30	128.962	
3,300.00	3,263.54	3,222.65	3,222.42	8.60	7.56	107.73	-2,010.03	119.52	2,108.39	2,091.72	16.67	126.479	
3,400.00	3,362.21	3,331.53	3,331.25	8.81	7.78	108.26	-2,010.86	116.30	2,114.71	2,097.63	17.08	123.781	
3,500.00	3,460.88	3,432.06	3,431.75	9.02	7.98	108.74	-2,011.45	113.95	2,120.93	2,103.43	17.49	121.260	
3,600.00	3,559.55	3,526.46	3,526.14	9.24	8.16	109.17	-2,012.14	112.56	2,127.27	2,109.37	17.89	118.890	
3,700.00	3,658.22	3,611.31	3,610.97	9.47	8.33	109.55	-2,013.15	111.26	2,134.20	2,115.92	18.28	116.737	
3,800.00	3,756.89	3,693.78	3,693.41	9.70	8.49	109.92	-2,014.68	109.77	2,141.95	2,123.27	18.67	114.712	
3,900.00	3,855.56	3,804.18	3,803.77	9.94	8.72	110.42	-2,016.83	107.56	2,149.96	2,130.83	19.13	112.395	
4,000.00	3,954.22	3,889.85	3,889.41	10.19	8.89	110.80	-2,018.51	105.93	2,158.08	2,138.54	19.54	110.457	
4,100.00	4,052.89	3,986.03	3,985.55	10.44	9.08	111.21	-2,020.80	104.40	2,166.67	2,146.70	19.97	108.469	
4,200.00	4,151.56	4,082.87	4,082.34	10.69	9.27	111.63	-2,023.17	102.93	2,175.43	2,155.01	20.42	106.540	
4,300.00	4,250.23	4,168.66	4,168.09	10.95	9.45	111.99	-2,025.44	101.31	2,184.58	2,163.74	20.84	104.813	
4,400.00	4,348.90	4,261.33	4,260.69	11.21	9.64	112.41	-2,028.24	98.87	2,194.39	2,173.10	21.29	103.091	
4,500.00	4,447.57	4,359.66	4,358.94	11.48	9.84	112.84	-2,031.24	96.27	2,204.36	2,182.61	21.75	101.368	
4,600.00	4,546.24	4,457.83	4,457.03	11.75	10.04	113.27	-2,034.23	93.65	2,214.44	2,192.23	22.21	99.707	
4,700.00	4,644.90	4,577.32	4,576.43	12.02	10.28	113.79	-2,037.49	90.54	2,224.39	2,201.66	22.73	97.881	
4,800.00	4,743.57	4,675.80	4,674.87	12.30	10.48	114.21	-2,039.41	88.13	2,233.63	2,210.44	23.20	96.291	
4,900.00	4,842.24	4,779.36	4,778.37	12.58	10.70	114.65	-2,041.50	85.52	2,243.09	2,219.40	23.68	94.715	
5,000.00	4,940.91	4,875.55	4,874.50	12.86	10.90	115.07	-2,043.13	82.71	2,252.47	2,228.31	24.15	93.254	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
5,100.00	5,039.58	4,983.77	4,982.67	13.14	11.12	115.54	-2,044.96	79.76	2,261.93	2,237.28	24.66	91.740		
5,200.00	5,138.25	5,092.64	5,091.50	13.43	11.35	115.99	-2,046.33	77.28	2,270.97	2,245.81	25.16	90.255		
5,300.00	5,236.92	5,205.24	5,204.07	13.71	11.58	116.46	-2,047.16	74.82	2,279.60	2,253.93	25.68	88.778		
5,400.00	5,335.58	5,296.70	5,295.51	14.00	11.77	116.83	-2,047.71	72.91	2,288.21	2,262.06	26.15	87.509		
5,500.00	5,434.25	5,393.34	5,392.12	14.30	11.98	117.23	-2,048.47	70.89	2,297.09	2,270.46	26.63	86.252		
5,600.00	5,532.92	5,489.79	5,488.55	14.59	12.18	117.62	-2,049.29	68.85	2,306.16	2,279.04	27.12	85.041		
5,700.00	5,631.59	5,588.01	5,586.74	14.88	12.38	118.01	-2,050.17	66.79	2,315.38	2,287.77	27.61	83.860		
5,800.00	5,730.26	5,683.14	5,681.85	15.18	12.58	118.39	-2,051.00	64.54	2,324.77	2,296.68	28.10	82.744		
5,900.00	5,828.93	5,788.64	5,787.31	15.48	12.80	118.82	-2,051.79	61.83	2,334.24	2,305.63	28.61	81.596		
6,000.00	5,927.60	5,899.59	5,898.24	15.78	13.04	119.25	-2,052.36	59.74	2,343.36	2,314.23	29.13	80.438		
6,100.00	6,026.27	6,002.55	6,001.19	16.08	13.25	119.64	-2,052.67	58.30	2,352.23	2,322.58	29.64	79.358		
6,200.00	6,124.93	6,119.97	6,118.60	16.38	13.50	120.07	-2,052.64	57.28	2,360.69	2,330.51	30.18	78.215		
6,300.00	6,223.60	6,216.00	6,214.63	16.68	13.70	120.41	-2,052.35	56.51	2,368.98	2,338.30	30.68	77.228		
6,400.00	6,322.27	6,315.19	6,313.82	16.99	13.91	120.77	-2,052.04	55.70	2,377.35	2,346.17	31.18	76.255		
6,500.00	6,420.94	6,421.10	6,419.72	17.29	14.13	121.60	-2,051.47	54.85	2,385.60	2,353.91	31.69	75.276		
6,600.00	6,520.52	6,525.83	6,524.44	17.48	14.35	-150.88	-2,050.64	54.02	2,390.45	2,358.36	32.09	74.497		
6,700.00	6,620.05	6,630.56	6,629.16	17.60	14.57	-77.02	-2,049.43	52.92	2,389.08	2,356.65	32.43	73.674		
6,800.00	6,717.09	6,731.38	6,729.97	17.66	14.78	-73.65	-2,048.05	51.73	2,381.72	2,349.01	32.71	72.812		
6,900.00	6,809.23	6,826.63	6,825.20	17.68	14.98	-74.05	-2,046.63	50.76	2,368.95	2,336.00	32.94	71.908		
7,000.00	6,894.22	6,907.68	6,906.24	17.66	15.15	-75.78	-2,045.55	50.24	2,351.85	2,318.72	33.13	70.993		
7,100.00	6,969.97	6,964.52	6,963.07	17.65	15.27	-78.00	-2,045.09	49.79	2,332.07	2,298.81	33.26	70.109		
7,200.00	7,034.59	7,018.16	7,016.71	17.67	15.38	-80.63	-2,045.01	49.11	2,311.01	2,277.58	33.43	69.137		
7,300.00	7,086.52	7,071.25	7,069.80	17.76	15.49	-83.53	-2,045.01	48.38	2,289.68	2,256.03	33.66	68.033		
7,400.00	7,124.46	7,110.46	7,109.01	17.95	15.63	-86.20	-2,045.00	47.83	2,269.40	2,235.40	34.00	66.738		
7,500.00	7,147.48	7,134.82	7,133.36	18.24	15.82	-88.38	-2,045.00	47.50	2,251.44	2,216.94	34.50	65.256		
7,600.00	7,155.01	7,143.73	7,142.27	18.62	15.89	-89.93	-2,045.00	47.38	2,236.81	2,201.84	34.97	63.965		
7,700.00	7,154.20	7,144.30	7,142.83	19.12	15.90	-89.98	-2,045.00	47.37	2,226.27	2,190.80	35.48	62.753		
7,800.00	7,153.37	7,144.85	7,143.39	19.75	15.90	-89.99	-2,045.00	47.36	2,220.20	2,184.09	36.10	61.496		
7,885.15	7,152.67	7,145.32	7,143.86	20.39	15.91	-90.00	-2,045.00	47.35	2,218.56	2,181.84	36.72	60.411		
7,900.00	7,152.55	7,145.41	7,143.94	20.50	15.91	-90.01	-2,045.00	47.35	2,218.61	2,181.78	36.83	60.237		
8,000.00	7,151.73	7,145.96	7,144.50	21.36	15.91	-90.02	-2,045.00	47.35	2,221.53	2,183.89	37.64	59.015		
8,100.00	7,150.90	7,146.51	7,145.05	22.30	15.92	-90.04	-2,045.00	47.34	2,228.94	2,190.42	38.52	57.865		
8,200.00	7,150.08	7,147.07	7,145.61	23.33	15.92	-90.05	-2,045.00	47.33	2,240.79	2,201.35	39.44	56.812		
8,300.00	7,149.25	7,147.62	7,146.16	24.43	15.93	-90.06	-2,045.00	47.32	2,257.01	2,216.62	40.39	55.877		
8,400.00	7,148.43	7,148.18	7,146.71	25.59	15.93	-90.08	-2,045.00	47.31	2,277.52	2,236.16	41.35	55.072		
8,500.00	7,147.60	7,148.73	7,147.27	26.81	15.93	-90.09	-2,045.00	47.31	2,302.18	2,259.87	42.32	54.405		
8,600.00	7,146.78	7,149.29	7,147.82	28.07	15.94	-90.11	-2,045.00	47.30	2,330.88	2,287.62	43.26	53.876		
8,700.00	7,145.96	7,149.84	7,148.38	29.38	15.94	-90.12	-2,045.00	47.29	2,363.47	2,319.28	44.19	53.486		
8,800.00	7,145.13	7,150.39	7,148.93	30.72	15.95	-90.14	-2,045.00	47.28	2,399.78	2,354.70	45.08	53.230		
8,900.00	7,144.31	7,150.95	7,149.49	32.09	15.95	-90.15	-2,045.00	47.28	2,439.65	2,393.71	45.94	53.103		
9,000.00	7,143.48	7,151.50	7,150.04	33.49	15.96	-90.16	-2,045.00	47.27	2,482.92	2,436.15	46.76	53.098 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
0.00	0.00	25.00	25.00	3.28	3.29	13.06	768.32	178.20	788.72							
100.00	100.00	125.00	125.00	3.28	3.91	13.06	768.32	178.20	788.72	780.56	8.15	96.717				
105.56	105.56	130.56	130.56	3.28	4.02	13.06	768.32	178.20	788.72	780.45	8.27	95.417				
200.00	200.00	224.75	224.75	3.31	6.18	13.06	768.32	178.22	788.72	778.27	10.45	75.481				
300.00	300.00	324.79	324.79	3.35	7.93	-67.95	768.30	178.57	788.62	776.38	12.24	64.430				
400.00	399.93	424.93	424.93	3.41	10.80	-68.21	768.30	178.59	787.32	772.14	15.17	51.894				
500.00	499.68	520.75	520.75	3.50	13.98	-68.71	768.48	178.59	784.94	766.50	18.44	42.572				
600.00	599.13	622.73	622.73	3.61	17.45	-69.51	768.97	178.58	781.66	759.64	22.03	35.488				
700.00	698.15	723.15	723.15	3.76	20.92	-70.56	769.00	178.58	776.89	751.25	25.64	30.300				
800.00	796.83	821.24	821.24	3.93	23.35	-71.71	769.06	178.36	771.62	743.38	28.24	27.321				
900.00	895.50	920.29	920.28	4.14	25.53	-72.90	769.23	177.79	766.69	736.06	30.63	25.033				
1,000.00	994.17	1,018.75	1,018.74	4.36	27.18	-74.06	769.29	177.72	762.06	729.55	32.51	23.443				
1,100.00	1,092.84	1,122.01	1,122.00	4.61	27.19	-75.33	769.11	176.97	757.46	724.71	32.75	23.126				
1,200.00	1,191.50	1,221.62	1,221.60	4.87	27.19	-76.60	768.59	176.01	752.84	719.82	33.02	22.801				
1,300.00	1,290.17	1,319.82	1,319.80	5.14	27.20	-77.86	768.03	175.01	748.56	715.25	33.30	22.478				
1,400.00	1,388.84	1,419.25	1,419.22	5.43	27.21	-79.16	767.43	173.80	744.61	711.01	33.60	22.162				
1,500.00	1,487.51	1,517.87	1,517.83	5.73	27.22	-80.48	766.69	172.50	740.90	706.99	33.91	21.850				
1,600.00	1,586.18	1,613.25	1,613.19	6.03	27.24	-81.77	766.20	171.16	737.84	703.61	34.23	21.556				
1,700.00	1,684.85	1,708.44	1,708.38	6.34	27.25	-83.02	766.16	170.48	735.63	701.08	34.56	21.287				
1,800.00	1,783.52	1,806.54	1,806.48	6.66	27.27	-84.29	766.47	169.97	734.16	699.26	34.89	21.039				
1,900.00	1,882.18	1,909.21	1,909.16	6.84	27.29	-85.62	766.48	169.65	732.74	698.03	34.71	21.111				
2,000.00	1,980.85	2,011.01	2,010.95	6.87	27.31	-86.91	765.94	169.64	731.13	696.36	34.77	21.029				
2,100.00	2,079.52	2,108.83	2,108.77	6.93	27.34	-88.18	765.23	169.43	729.72	694.87	34.85	20.942				
2,200.00	2,178.19	2,206.83	2,206.77	6.99	27.37	-89.45	764.72	169.37	728.86	693.92	34.94	20.861				
2,300.00	2,276.86	2,309.91	2,309.84	7.08	27.40	-90.78	763.93	169.22	728.15	693.10	35.05	20.775				
2,400.00	2,375.53	2,416.95	2,416.87	7.17	27.44	-92.15	762.20	169.61	726.90	691.72	35.17	20.667				
2,500.00	2,474.20	2,531.84	2,531.71	7.29	27.48	-93.63	758.78	170.21	724.71	689.42	35.29	20.533				
2,600.00	2,572.86	2,663.49	2,663.01	7.41	27.53	-95.34	749.54	172.19	718.60	683.23	35.36	20.320				
2,700.00	2,671.53	2,793.05	2,791.76	7.55	27.60	-97.06	735.62	175.51	709.23	673.84	35.39	20.039				
2,800.00	2,770.20	2,915.30	2,912.33	7.70	27.67	-98.92	715.78	178.29	694.79	659.36	35.42	19.614				
2,900.00	2,868.87	2,999.54	2,995.54	7.86	27.72	-100.27	702.71	179.83	681.85	646.14	35.71	19.092				
3,000.00	2,967.54	3,117.82	3,112.14	8.03	27.81	-102.26	682.99	182.10	668.40	632.63	35.78	18.682				
3,100.00	3,066.21	3,220.67	3,213.08	8.21	27.89	-104.10	663.43	184.71	653.14	617.18	35.96	18.164				
3,200.00	3,164.88	3,309.55	3,300.39	8.40	27.97	-105.72	647.05	187.14	639.01	602.75	36.26	17.622				
3,300.00	3,263.54	3,393.52	3,383.21	8.60	28.04	-107.13	633.64	190.78	627.10	590.49	36.61	17.130				
3,400.00	3,362.21	3,482.09	3,470.91	8.81	28.12	-108.57	621.84	194.47	618.06	581.14	36.92	16.740				
3,500.00	3,460.88	3,592.25	3,579.90	9.02	28.23	-110.32	606.99	200.42	608.88	571.78	37.10	16.412				
3,600.00	3,559.55	3,701.52	3,687.66	9.24	28.35	-112.14	590.20	207.07	598.19	560.91	37.28	16.045				
3,700.00	3,658.22	3,814.11	3,798.29	9.47	28.49	-114.14	570.72	214.69	586.05	548.62	37.43	15.656				
3,800.00	3,756.89	3,927.34	3,908.82	9.70	28.66	-116.50	547.22	221.90	571.80	534.24	37.56	15.223				
3,900.00	3,855.56	4,033.99	4,012.27	9.94	28.84	-119.00	522.27	228.83	556.12	518.35	37.76	14.726				
4,000.00	3,954.22	4,124.67	4,100.07	10.19	29.00	-121.30	500.36	234.55	540.88	502.71	38.17	14.170				
4,100.00	4,052.89	4,199.49	4,173.04	10.44	29.13	-123.17	484.38	238.84	529.18	490.44	38.74	13.658				
4,200.00	4,151.56	4,288.20	4,260.21	10.69	29.26	-125.24	468.72	243.74	521.34	482.18	39.16	13.313				
4,300.00	4,250.23	4,380.61	4,351.32	10.95	29.40	-127.28	454.26	249.24	515.48	475.94	39.54	13.037				
4,400.00	4,348.90	4,474.76	4,444.30	11.21	29.54	-129.33	440.48	254.64	511.24	471.33	39.92	12.808				
4,500.00	4,447.57	4,574.03	4,542.32	11.48	29.71	-131.60	425.63	259.62	508.08	467.81	40.27	12.617				
4,600.00	4,546.24	4,668.41	4,635.44	11.75	29.88	-133.89	410.79	263.73	505.79	465.12	40.67	12.436				
4,700.00	4,644.90	4,766.06	4,731.85	12.02	30.04	-136.26	395.82	267.68	504.88	463.82	41.06	12.297				
4,732.86	4,677.33	4,796.89	4,762.33	12.11	30.10	-136.97	391.40	269.14	504.78	463.58	41.19	12.254				
4,800.00	4,743.57	4,858.10	4,822.86	12.30	30.20	-138.39	382.67	271.61	505.26	463.77	41.48	12.180				
4,900.00	4,842.24	4,954.00	4,917.69	12.58	30.37	-140.70	368.71	274.52	507.37	465.47	41.90	12.109				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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 (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
5,000.00	4,940.91	5,054.76	5,017.19	12.86	30.57	-143.23	353.02	277.14	510.25	467.94	42.32	12.057				
5,100.00	5,039.58	5,147.29	5,108.50	13.14	30.75	-145.57	338.18	279.27	514.17	471.40	42.78	12.019				
5,200.00	5,138.25	5,250.39	5,210.29	13.43	30.95	-148.11	321.99	281.73	519.13	475.92	43.21	12.013				
5,300.00	5,236.92	5,346.37	5,305.05	13.71	31.14	-150.39	306.99	284.57	524.53	480.85	43.68	12.009				
5,400.00	5,335.58	5,451.88	5,409.05	14.00	31.37	-152.92	289.61	288.07	530.20	486.05	44.14	12.011				
5,500.00	5,434.25	5,536.12	5,492.31	14.30	31.54	-154.78	277.06	290.57	537.51	492.86	44.64	12.040				
5,600.00	5,532.92	5,639.44	5,594.63	14.59	31.75	-156.86	262.96	293.59	545.97	500.85	45.11	12.102				
5,700.00	5,631.59	5,739.10	5,693.35	14.88	31.95	-158.74	249.84	297.34	554.37	508.78	45.59	12.160				
5,800.00	5,730.26	5,834.05	5,787.48	15.18	32.13	-160.42	237.96	300.91	563.49	517.41	46.07	12.231				
5,900.00	5,828.93	5,930.10	5,882.66	15.48	32.33	-162.13	225.43	303.81	573.73	527.17	46.57	12.320				
6,000.00	5,927.60	6,033.28	5,984.51	15.78	32.58	-164.15	209.30	307.21	583.90	536.80	47.10	12.397				
6,100.00	6,026.27	6,127.80	6,077.67	16.08	32.81	-166.02	193.64	310.25	594.71	547.07	47.64	12.484				
6,200.00	6,124.93	6,223.09	6,171.61	16.38	33.05	-167.85	177.86	312.89	606.64	558.46	48.19	12.590				
6,300.00	6,223.60	6,321.95	6,268.48	16.68	33.32	-169.97	158.25	315.38	619.36	570.59	48.77	12.699				
6,400.00	6,322.27	6,424.39	6,368.33	16.99	33.64	-172.29	135.63	318.81	632.12	582.71	49.41	12.793				
6,500.00	6,420.94	6,515.33	6,456.05	17.29	33.98	-174.16	112.03	322.37	645.47	595.40	50.07	12.892				
6,600.00	6,520.52	6,587.68	6,523.15	17.48	34.30	-89.66	85.17	324.35	653.83	603.27	50.57	12.930				
6,700.00	6,620.05	6,669.74	6,597.20	17.60	34.73	-18.86	49.80	324.66	652.06	600.98	51.08	12.766				
6,800.00	6,717.09	6,709.35	6,632.21	17.66	34.97	-16.35	31.34	323.68	641.46	590.57	50.89	12.605				
6,900.00	6,809.23	6,761.00	6,676.27	17.68	35.27	-17.91	4.81	319.06	626.04	575.51	50.53	12.389				
7,000.00	6,894.22	6,786.43	6,697.40	17.66	35.43	-19.19	-8.83	315.31	605.73	556.50	49.23	12.303				
7,100.00	6,969.97	6,826.23	6,730.18	17.65	35.67	-21.99	-29.88	307.24	581.84	533.93	47.90	12.146				
7,200.00	7,034.59	6,869.11	6,764.99	17.67	35.93	-25.65	-52.04	295.61	554.62	508.16	46.46	11.938				
7,300.00	7,086.52	6,918.21	6,804.40	17.76	36.21	-30.50	-76.27	279.19	524.23	479.00	45.23	11.590				
7,400.00	7,124.46	6,965.74	6,841.99	17.95	36.47	-36.06	-98.37	260.29	491.60	447.39	44.21	11.119				
7,500.00	7,147.48	7,010.46	6,876.25	18.24	36.71	-42.15	-118.03	239.37	458.98	415.31	43.66	10.511				
7,600.00	7,155.01	7,059.46	6,912.23	18.62	36.96	-49.36	-138.19	212.92	428.58	384.27	44.31	9.673				
7,700.00	7,154.20	7,124.43	6,957.42	19.12	37.28	-56.53	-161.26	172.42	406.33	359.75	46.59	8.722				
7,800.00	7,153.37	7,228.32	7,020.69	19.75	37.70	-66.33	-185.53	94.15	394.26	344.30	49.96	7.891				
7,900.00	7,152.55	7,345.23	7,079.25	20.50	38.07	-75.03	-192.77	-6.62	381.64	328.79	52.85	7.221				
8,000.00	7,151.73	7,412.59	7,105.61	21.36	38.34	-79.09	-195.19	-68.50	375.72	320.75	54.97	6.835				
8,010.13	7,151.64	7,419.00	7,107.70	21.45	38.38	-79.42	-195.54	-74.56	375.65	320.47	55.18	6.807	CC			
8,100.00	7,150.90	7,481.86	7,125.48	22.30	38.79	-82.30	-200.80	-134.60	379.20	321.96	57.24	6.625				
8,200.00	7,150.08	7,569.50	7,142.86	23.33	39.57	-85.17	-212.03	-219.73	389.93	330.23	59.70	6.531				
8,300.00	7,149.25	7,668.22	7,154.87	24.43	42.14	-87.16	-224.16	-316.94	401.58	339.57	62.01	6.476				
8,400.00	7,148.43	7,767.23	7,161.79	25.59	42.75	-88.32	-236.19	-414.97	413.59	349.63	63.96	6.467				
8,500.00	7,147.60	7,872.42	7,164.56	26.81	43.56	-88.86	-248.75	-519.36	425.61	359.39	66.22	6.427				
8,600.00	7,146.78	7,992.41	7,164.75	28.07	44.69	-89.04	-257.84	-638.99	433.17	364.37	68.81	6.296				
8,700.00	7,145.96	8,108.60	7,165.97	29.38	46.02	-89.34	-262.99	-755.05	437.78	366.10	71.68	6.107				
8,800.00	7,145.13	8,210.89	7,167.11	30.72	47.42	-89.60	-264.56	-857.32	439.42	364.58	74.84	5.871				
8,900.00	7,144.31	8,314.50	7,168.53	32.09	49.07	-89.89	-265.89	-960.91	440.84	362.61	78.22	5.636				
9,000.00	7,143.48	8,414.46	7,170.84	33.49	50.88	-90.30	-266.69	-1,060.84	441.78	359.98	81.80	5.401				
9,100.00	7,142.66	8,508.68	7,171.12	34.92	52.76	-90.44	-268.19	-1,155.03	443.50	357.97	85.54	5.185				
9,200.00	7,141.83	8,612.23	7,169.69	36.36	55.01	-90.36	-269.92	-1,258.56	445.30	355.86	89.44	4.979				
9,300.00	7,141.01	8,713.38	7,170.53	37.83	57.36	-90.57	-271.23	-1,359.70	446.75	353.29	93.46	4.780				
9,400.00	7,140.18	8,816.50	7,173.40	39.31	59.87	-91.05	-271.71	-1,462.78	447.40	349.81	97.59	4.585				
9,500.00	7,139.36	8,915.86	7,175.02	40.80	62.41	-91.36	-272.30	-1,562.12	448.18	346.38	101.80	4.403				
9,600.00	7,138.54	9,016.38	7,176.76	42.31	65.06	-91.69	-272.49	-1,662.63	448.56	342.47	106.09	4.228				
9,700.00	7,137.71	9,115.84	7,176.12	43.84	67.77	-91.71	-273.20	-1,762.07	449.42	338.95	110.47	4.068				
9,800.00	7,136.89	9,221.04	7,175.24	45.37	70.71	-91.70	-273.22	-1,867.27	449.58	334.64	114.94	3.912				
9,900.00	7,136.06	9,323.29	7,174.77	46.91	73.62	-91.76	-272.18	-1,969.51	448.70	329.26	119.44	3.757				
10,000.00	7,135.24	9,427.53	7,174.06	48.46	76.65	-91.78	-270.67	-2,073.74	447.40	323.39	124.01	3.608				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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 Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
10,100.00	7,134.41	9,528.70	7,173.47	50.02	79.63	-91.82	-268.33	-2,174.88	445.23	316.63	128.61	3.462	
10,153.02	7,133.98	9,571.99	7,173.44	50.85	80.92	-91.86	-267.62	-2,218.16	444.48	313.45	131.03	3.392	
10,200.00	7,133.59	9,606.84	7,173.81	51.59	81.97	-91.95	-268.03	-2,253.01	445.13	312.02	133.10	3.344	
10,300.00	7,132.76	9,695.80	7,176.19	53.16	84.66	-92.33	-272.04	-2,341.84	449.81	312.25	137.56	3.270	
10,400.00	7,131.94	9,789.31	7,178.96	54.74	87.53	-92.75	-276.99	-2,435.18	455.42	313.36	142.06	3.206	
10,500.00	7,131.12	9,883.73	7,178.67	56.32	90.44	-92.76	-283.86	-2,529.34	462.83	316.22	146.61	3.157	
10,600.00	7,130.29	9,981.90	7,177.23	57.91	93.50	-92.64	-291.53	-2,627.20	470.74	319.45	151.29	3.112	
10,700.00	7,129.47	10,081.14	7,174.97	59.51	96.61	-92.42	-299.57	-2,726.10	478.91	322.88	156.02	3.069	
10,800.00	7,128.64	10,194.05	7,173.02	61.11	100.17	-92.26	-307.57	-2,838.69	486.13	325.01	161.13	3.017	
10,900.00	7,127.82	10,314.13	7,172.85	62.71	103.98	-92.34	-311.46	-2,958.69	489.54	323.30	166.24	2.945	
11,000.00	7,126.99	10,415.62	7,171.00	64.32	107.22	-92.21	-312.72	-3,060.15	490.88	319.78	171.10	2.869	
11,100.00	7,126.17	10,515.92	7,169.20	65.93	110.43	-92.10	-313.58	-3,160.44	491.83	315.87	175.96	2.795	
11,200.00	7,125.34	10,616.59	7,168.57	67.54	113.67	-92.12	-314.48	-3,261.11	492.87	312.03	180.83	2.726	
11,300.00	7,124.52	10,719.32	7,167.82	69.16	116.99	-92.12	-314.77	-3,363.82	493.28	307.55	185.73	2.656	
11,400.00	7,123.70	10,820.16	7,169.45	70.78	120.26	-92.41	-314.81	-3,464.65	493.56	302.95	190.60	2.589	
11,500.00	7,122.87	10,921.20	7,172.08	72.40	123.55	-92.81	-314.46	-3,565.65	493.50	298.02	195.47	2.525	
11,550.11	7,122.46	10,971.08	7,173.88	73.21	125.17	-93.07	-314.25	-3,615.50	493.47	295.57	197.90	2.494	
11,600.00	7,122.05	11,017.79	7,174.86	74.02	126.70	-93.23	-314.27	-3,662.20	493.64	293.34	200.30	2.465	
11,700.00	7,121.22	11,117.16	7,174.02	75.65	129.95	-93.22	-315.03	-3,761.56	494.53	289.32	205.22	2.410	
11,800.00	7,120.40	11,216.40	7,172.48	77.28	133.21	-93.13	-315.63	-3,860.78	495.23	285.08	210.15	2.357	
11,900.00	7,119.57	11,307.08	7,171.35	78.91	136.19	-93.08	-316.99	-3,951.45	496.86	281.90	214.96	2.311	
12,000.00	7,118.75	11,394.73	7,171.25	80.54	139.08	-93.13	-320.36	-4,039.04	500.87	281.28	219.59	2.281	
12,100.00	7,117.92	11,487.82	7,171.25	82.17	142.15	-93.18	-325.95	-4,131.95	507.03	282.73	224.30	2.261	
12,200.00	7,117.10	11,588.43	7,171.25	83.81	145.48	-93.23	-332.42	-4,232.35	513.64	284.39	229.25	2.241	
12,300.00	7,116.28	11,684.75	7,171.25	85.44	155.23	-93.28	-338.67	-4,328.47	520.30	279.67	240.62	2.162 ES	
12,400.00	7,115.45	11,718.00	7,171.25	87.08	163.44	-93.29	-340.96	-4,361.64	531.55	283.20	248.35	2.140 SF	
12,500.00	7,114.63	11,718.00	7,171.25	88.72	163.44	-93.29	-340.96	-4,361.64	559.71	318.92	240.79	2.324	
12,600.00	7,113.80	11,718.00	7,171.25	90.36	163.44	-93.29	-340.96	-4,361.64	603.33	374.89	228.44	2.641	
12,700.00	7,112.98	11,718.00	7,171.25	92.01	163.44	-93.29	-340.96	-4,361.64	659.34	445.28	214.07	3.080	
12,800.00	7,112.15	11,718.00	7,171.25	93.65	163.44	-93.29	-340.96	-4,361.64	724.89	525.24	199.65	3.631	
12,900.00	7,111.33	11,718.00	7,171.25	95.29	163.44	-93.29	-340.96	-4,361.64	797.62	611.40	186.22	4.283	
13,000.00	7,110.50	11,718.00	7,171.25	96.94	163.44	-93.29	-340.96	-4,361.64	875.74	701.53	174.21	5.027	
13,100.00	7,109.68	11,718.00	7,171.25	98.59	163.44	-93.29	-340.96	-4,361.64	957.94	794.25	163.69	5.852	
13,200.00	7,108.86	11,718.00	7,171.25	100.23	163.44	-93.29	-340.96	-4,361.64	1,043.26	888.71	154.55	6.750	
13,300.00	7,108.03	11,718.00	7,171.25	101.88	163.44	-93.29	-340.96	-4,361.64	1,130.98	984.34	146.64	7.713	
13,400.00	7,107.21	11,718.00	7,171.25	103.53	163.44	-93.29	-340.96	-4,361.64	1,220.59	1,080.81	139.78	8.732	
13,500.00	7,106.38	11,718.00	7,171.25	105.18	163.44	-93.29	-340.96	-4,361.64	1,311.71	1,177.88	133.83	9.801	
13,600.00	7,105.56	11,718.00	7,171.25	106.83	163.44	-93.29	-340.96	-4,361.64	1,404.03	1,275.39	128.64	10.914	
13,700.00	7,104.73	11,718.00	7,171.25	108.49	163.44	-93.29	-340.96	-4,361.64	1,497.34	1,373.24	124.10	12.065	
13,800.00	7,103.91	11,718.00	7,171.25	110.14	163.44	-93.29	-340.96	-4,361.64	1,591.47	1,471.35	120.11	13.250	
13,900.00	7,103.09	11,718.00	7,171.25	111.79	163.44	-93.29	-340.96	-4,361.64	1,686.27	1,569.67	116.59	14.463	
14,000.00	7,102.26	11,718.00	7,171.25	113.44	163.44	-93.29	-340.96	-4,361.64	1,781.64	1,668.16	113.48	15.701	
14,100.00	7,101.44	11,718.00	7,171.25	115.10	163.44	-93.29	-340.96	-4,361.64	1,877.49	1,766.78	110.70	16.960	
14,200.00	7,100.61	11,718.00	7,171.25	116.75	163.44	-93.29	-340.96	-4,361.64	1,973.75	1,865.52	108.23	18.237	
14,300.00	7,099.79	11,718.00	7,171.25	118.41	163.44	-93.29	-340.96	-4,361.64	2,070.37	1,964.36	106.01	19.530	
14,400.00	7,098.96	11,718.00	7,171.25	120.07	163.44	-93.29	-340.96	-4,361.64	2,167.29	2,063.28	104.01	20.837	
14,500.00	7,098.14	11,718.00	7,171.25	121.72	163.44	-93.29	-340.96	-4,361.64	2,264.48	2,162.27	102.22	22.154	
14,600.00	7,097.31	11,718.00	7,171.25	123.38	163.44	-93.29	-340.96	-4,361.64	2,361.91	2,261.32	100.59	23.481	
14,700.00	7,096.49	11,718.00	7,171.25	125.04	163.44	-93.29	-340.96	-4,361.64	2,459.54	2,360.43	99.11	24.815	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	25.00	25.00	3.28	3.29	12.30	804.76	175.42	823.65				
100.00	100.00	125.00	125.00	3.28	3.91	12.30	804.76	175.42	823.65	815.50	8.15	101.001	
200.00	200.00	225.00	225.00	3.31	6.55	12.30	804.76	175.42	823.65	812.84	10.82	76.135	
300.00	300.00	325.00	325.00	3.35	9.78	-68.73	804.76	175.42	823.50	809.40	14.09	58.440	
400.00	399.93	424.93	424.93	3.41	13.17	-68.98	804.76	175.42	822.24	804.69	17.54	46.869	
500.00	499.68	524.68	524.68	3.50	16.61	-69.48	804.76	175.42	819.76	798.68	21.08	38.895	
600.00	599.13	624.13	624.13	3.61	20.08	-70.24	804.76	175.42	816.14	791.48	24.66	33.101	
700.00	698.15	723.15	723.15	3.76	23.55	-71.24	804.76	175.42	811.51	783.24	28.27	28.707	
800.00	796.83	821.83	821.83	3.93	27.02	-72.34	804.76	175.42	806.38	774.47	31.91	25.269	
900.00	895.50	920.50	920.50	4.14	30.49	-73.43	804.76	175.42	801.54	765.95	35.59	22.523	
1,000.00	994.17	1,017.75	1,017.75	4.36	32.64	-74.52	804.76	175.43	797.00	759.04	37.96	20.995	
1,100.00	1,092.84	1,113.13	1,113.13	4.61	32.64	-75.57	805.14	175.85	793.19	754.99	38.21	20.760	
1,200.00	1,191.50	1,210.33	1,210.32	4.87	32.64	-76.66	805.77	176.28	789.94	751.47	38.47	20.533	
1,300.00	1,290.17	1,307.69	1,307.68	5.14	32.65	-77.75	806.59	176.75	787.17	748.42	38.75	20.312	
1,400.00	1,388.84	1,405.80	1,405.78	5.43	32.66	-78.87	807.54	177.15	784.84	745.79	39.05	20.099	
1,500.00	1,487.51	1,504.60	1,504.52	5.73	32.67	-79.80	808.47	180.23	782.83	743.48	39.36	19.891	
1,600.00	1,586.18	1,604.46	1,604.08	6.03	32.68	-80.41	809.36	187.93	781.03	741.36	39.67	19.686	
1,700.00	1,684.85	1,711.05	1,709.88	6.34	32.70	-80.73	809.88	200.75	778.95	738.94	40.01	19.470	
1,800.00	1,783.52	1,833.94	1,831.20	6.66	32.73	-80.75	808.21	220.26	775.10	734.76	40.34	19.215	
1,900.00	1,882.18	1,936.87	1,932.77	6.84	32.76	-80.77	804.56	236.48	768.99	728.84	40.16	19.150	
2,000.00	1,980.85	2,033.07	2,027.80	6.87	32.79	-80.82	801.44	251.17	763.21	722.98	40.23	18.970	
2,100.00	2,079.52	2,183.01	2,175.83	6.93	32.86	-81.00	792.24	272.89	754.61	714.42	40.19	18.776	
2,200.00	2,178.19	2,305.46	2,296.61	6.99	32.91	-81.41	778.04	287.11	740.37	700.19	40.18	18.427	
2,300.00	2,276.86	2,429.89	2,419.39	7.08	32.97	-82.31	760.02	295.91	723.43	683.32	40.12	18.033	
2,400.00	2,375.53	2,540.62	2,528.38	7.17	33.03	-83.46	740.94	300.11	703.93	663.79	40.13	17.540	
2,500.00	2,474.20	2,649.62	2,635.33	7.29	33.09	-84.65	720.32	304.42	683.01	642.85	40.16	17.006	
2,600.00	2,572.86	2,765.82	2,748.80	7.41	33.18	-85.98	695.85	309.54	660.21	620.11	40.10	16.464	
2,700.00	2,671.53	2,875.68	2,855.27	7.55	33.28	-87.12	669.83	316.96	634.85	594.75	40.10	15.832	
2,800.00	2,770.20	2,953.08	2,930.35	7.70	33.36	-88.02	651.71	321.81	610.06	569.52	40.54	15.049	
2,900.00	2,868.87	3,050.61	3,025.54	7.86	33.45	-89.37	630.94	326.44	587.73	547.01	40.72	14.433	
3,000.00	2,967.54	3,161.50	3,133.25	8.03	33.58	-91.00	605.23	332.20	563.82	523.10	40.72	13.848	
3,100.00	3,066.21	3,250.93	3,219.93	8.21	33.70	-92.45	583.73	336.83	539.43	498.40	41.04	13.145	
3,200.00	3,164.88	3,341.35	3,307.85	8.40	33.81	-94.04	563.12	341.39	516.70	475.35	41.36	12.494	
3,300.00	3,263.54	3,441.28	3,405.10	8.60	33.94	-95.92	540.67	346.57	494.74	453.21	41.53	11.912	
3,400.00	3,362.21	3,542.76	3,503.58	8.81	34.10	-97.95	516.96	352.52	472.25	430.57	41.68	11.330	
3,500.00	3,460.88	3,632.81	3,590.98	9.02	34.24	-99.85	496.11	358.40	450.36	408.31	42.05	10.711	
3,600.00	3,559.55	3,731.09	3,686.52	9.24	34.40	-102.13	473.86	364.47	429.67	387.40	42.27	10.165	
3,700.00	3,658.22	3,830.27	3,782.74	9.47	34.58	-104.82	450.43	369.87	409.05	366.58	42.48	9.630	
3,800.00	3,756.89	3,938.05	3,886.75	9.70	34.80	-108.20	422.78	375.58	387.58	345.09	42.48	9.123	
3,900.00	3,855.56	4,031.17	3,976.22	9.94	35.01	-111.68	397.27	379.77	366.11	323.27	42.84	8.545	
4,000.00	3,954.22	4,117.79	4,059.70	10.19	35.19	-115.31	374.39	382.78	347.58	304.19	43.39	8.010	
4,100.00	4,052.89	4,206.60	4,145.82	10.44	35.37	-119.22	352.91	385.51	332.98	289.07	43.91	7.584	
4,200.00	4,151.56	4,300.41	4,237.37	10.69	35.55	-123.18	332.86	389.75	321.62	277.29	44.33	7.255	
4,300.00	4,250.23	4,403.45	4,337.98	10.95	35.77	-127.44	311.66	396.40	311.32	266.72	44.59	6.981	
4,400.00	4,348.90	4,497.38	4,429.62	11.21	35.97	-131.58	292.06	402.72	302.31	257.23	45.08	6.705	
4,500.00	4,447.57	4,599.10	4,528.76	11.48	36.20	-136.30	270.48	409.93	294.66	249.20	45.46	6.482	
4,600.00	4,546.24	4,696.94	4,623.54	11.75	36.46	-141.48	247.18	416.76	287.76	241.76	46.00	6.255	
4,681.18	4,626.33	4,765.11	4,689.57	11.97	36.64	-145.43	230.52	419.86	285.49	238.82	46.67	6.117	
4,700.00	4,644.90	4,780.90	4,704.89	12.02	36.68	-146.36	226.74	420.26	285.62	238.79	46.82	6.100	
4,800.00	4,743.57	4,866.03	4,787.98	12.30	36.88	-151.10	208.27	421.14	290.15	242.63	47.52	6.106	
4,900.00	4,842.24	4,965.56	4,885.73	12.58	37.08	-155.93	189.59	421.66	298.54	250.44	48.10	6.207	
5,000.00	4,940.91	5,064.55	4,983.18	12.86	37.29	-160.18	172.26	423.59	307.81	259.13	48.67	6.324	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
5,100.00	5,039.58	5,160.59	5,077.90	13.14	37.48	-163.84	156.60	425.81	318.46	269.22	49.24	6.467	
5,200.00	5,138.25	5,255.91	5,172.25	13.43	37.66	-166.87	143.19	427.73	330.85	281.06	49.78	6.646	
5,300.00	5,236.92	5,352.34	5,268.10	13.71	37.82	-169.18	132.82	429.34	344.57	294.29	50.28	6.854	
5,400.00	5,335.58	5,449.61	5,365.06	14.00	37.96	-170.87	125.27	430.71	359.09	308.36	50.73	7.079	
5,500.00	5,434.25	5,546.31	5,461.61	14.30	38.08	-172.09	119.88	431.55	374.36	323.21	51.15	7.318	
5,600.00	5,532.92	5,650.81	5,565.97	14.59	38.21	-173.22	114.63	433.08	389.20	337.61	51.59	7.544	
5,700.00	5,631.59	5,755.55	5,670.49	14.88	38.35	-174.38	108.73	436.41	402.50	350.47	52.03	7.736	
5,800.00	5,730.26	5,852.76	5,767.52	15.18	38.48	-175.25	104.21	440.14	415.22	362.77	52.45	7.916	
5,900.00	5,828.93	5,944.39	5,859.05	15.48	38.59	-175.92	100.59	442.21	429.52	376.66	52.86	8.126	
6,000.00	5,927.60	6,040.58	5,955.21	15.78	38.70	-176.40	98.11	443.20	444.97	391.72	53.25	8.356	
6,100.00	6,026.27	6,139.20	6,053.82	16.08	38.79	-176.65	97.23	443.85	460.63	407.00	53.63	8.589	
6,200.00	6,124.93	6,237.48	6,152.10	16.38	38.88	-176.77	97.25	444.36	476.36	422.36	54.00	8.822	
6,300.00	6,223.60	6,337.37	6,251.98	16.68	38.97	-176.84	97.61	444.79	492.14	437.77	54.37	9.052	
6,400.00	6,322.27	6,438.71	6,353.32	16.99	39.06	-176.90	98.03	445.75	507.41	452.67	54.74	9.269	
6,500.00	6,420.94	6,532.28	6,446.88	17.29	39.14	-176.54	98.36	446.63	522.69	467.58	55.11	9.485	
6,600.00	6,520.52	6,609.06	6,523.65	17.48	39.22	-89.73	97.65	445.73	531.89	476.58	55.31	9.617	
6,700.00	6,620.05	6,676.64	6,590.99	17.60	39.29	-16.10	94.64	441.11	531.34	476.04	55.30	9.608	
6,800.00	6,717.09	6,754.08	6,667.71	17.66	39.38	-12.70	88.93	432.33	520.31	465.03	55.27	9.413	
6,900.00	6,809.23	6,816.11	6,728.59	17.68	39.47	-12.62	82.65	422.33	499.42	444.56	54.87	9.103	
7,000.00	6,894.22	6,875.72	6,786.11	17.66	39.55	-13.91	74.78	408.88	470.85	416.67	54.19	8.689	
7,100.00	6,969.97	6,934.29	6,841.43	17.65	39.64	-16.32	65.78	391.91	435.22	381.93	53.29	8.168	
7,200.00	7,034.59	6,992.70	6,895.13	17.67	39.74	-20.22	54.78	371.76	393.23	340.98	52.25	7.525	
7,300.00	7,086.52	7,046.30	6,942.71	17.76	39.86	-26.10	41.16	351.22	346.61	295.65	50.96	6.802	
7,400.00	7,124.46	7,106.22	6,994.26	17.95	40.00	-35.33	24.81	325.44	297.61	247.29	50.32	5.915	
7,500.00	7,147.48	7,163.04	7,042.48	18.24	40.13	-47.49	10.81	298.86	248.42	197.99	50.43	4.926	
7,600.00	7,155.01	7,207.26	7,078.18	18.62	40.23	-59.68	-0.52	275.40	210.13	158.63	51.50	4.080	
7,688.74	7,154.54	7,253.66	7,112.83	19.07	40.35	-70.26	-12.58	247.01	197.49	143.08	54.41	3.629	
7,700.00	7,154.20	7,260.47	7,117.66	19.12	40.37	-71.82	-14.33	242.54	197.60	142.78	54.82	3.605	
7,800.00	7,153.37	7,332.76	7,164.08	19.75	40.57	-85.90	-32.47	190.30	213.56	156.23	57.33	3.725	
7,900.00	7,152.55	7,449.08	7,217.96	20.50	40.95	-99.79	-58.02	90.89	241.54	183.46	58.08	4.159	
8,000.00	7,151.73	7,653.91	7,251.38	21.36	43.93	-108.54	-49.92	-108.63	239.86	181.46	58.40	4.108	
8,100.00	7,150.90	7,752.16	7,251.90	22.30	44.22	-110.48	-30.47	-204.94	221.71	162.54	59.17	3.747	
8,200.00	7,150.08	7,850.35	7,253.03	23.33	44.48	-112.93	-10.96	-301.16	204.02	143.94	60.09	3.395	
8,300.00	7,149.25	7,949.12	7,254.51	24.43	44.85	-116.01	9.11	-397.86	186.50	125.50	61.00	3.057	
8,400.00	7,148.43	8,046.66	7,256.45	25.59	45.37	-119.86	29.29	-493.27	169.52	107.79	61.73	2.746	
8,500.00	7,147.60	8,143.41	7,257.86	26.81	46.11	-124.19	48.67	-588.05	153.72	91.53	62.20	2.471	
8,600.00	7,146.78	8,237.76	7,258.29	28.07	47.14	-128.28	64.77	-681.01	140.73	78.09	62.64	2.247	
8,700.00	7,145.96	8,332.74	7,257.96	29.38	48.50	-131.59	76.54	-775.24	131.58	68.26	63.32	2.078	
8,800.00	7,145.13	8,429.64	7,256.08	30.72	50.18	-133.56	84.37	-871.80	124.97	60.26	64.71	1.931	
8,900.00	7,144.31	8,524.55	7,251.79	32.09	52.08	-132.57	85.13	-966.58	121.95	53.81	68.14	1.790	
8,934.62	7,144.02	8,557.89	7,250.18	32.58	52.79	-131.80	84.22	-999.87	121.76	52.10	69.66	1.748 CC	
9,000.00	7,143.48	8,620.69	7,247.60	33.49	54.18	-130.25	81.63	-1,062.56	122.45	49.79	72.66	1.685	
9,100.00	7,142.66	8,716.03	7,244.76	34.92	56.40	-127.61	75.17	-1,157.64	126.48	48.91	77.58	1.630	
9,200.00	7,141.83	8,812.35	7,244.63	36.36	58.76	-125.49	66.35	-1,253.55	134.35	52.08	82.26	1.633	
9,300.00	7,141.01	8,912.00	7,244.57	37.83	61.29	-123.49	56.87	-1,352.74	142.74	55.65	87.09	1.639	
9,400.00	7,140.18	9,011.73	7,245.70	39.31	63.91	-122.04	47.13	-1,451.99	152.14	60.47	91.67	1.660	
9,500.00	7,139.36	9,115.13	7,246.05	40.80	66.70	-120.87	39.23	-1,555.08	159.36	63.07	96.29	1.655	
9,600.00	7,138.54	9,212.73	7,247.78	42.31	69.40	-120.57	33.43	-1,652.49	165.93	65.70	100.23	1.655	
9,700.00	7,137.71	9,313.47	7,251.85	43.84	72.25	-120.81	26.69	-1,752.92	174.29	70.37	103.91	1.677	
9,800.00	7,136.89	9,417.43	7,254.36	45.37	75.24	-120.94	21.99	-1,856.75	179.93	72.13	107.80	1.669	
9,900.00	7,136.06	9,524.25	7,254.41	46.91	78.37	-120.62	18.62	-1,963.50	183.23	71.11	112.12	1.634	
10,000.00	7,135.24	9,623.47	7,252.88	48.46	81.31	-120.22	17.39	-2,062.70	184.06	67.57	116.48	1.580	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,134.41	9,725.29	7,252.44	50.02	84.37	-120.15	16.41	-2,164.52	185.20	64.58	120.62	1.535	
10,200.00	7,133.59	9,826.89	7,251.32	51.59	87.46	-120.04	16.34	-2,266.11	185.24	60.41	124.83	1.484	Level 3
10,300.00	7,132.76	9,932.05	7,249.28	53.16	90.69	-119.96	17.97	-2,371.22	183.46	54.44	129.02	1.422	Level 3
10,400.00	7,131.94	10,029.22	7,249.68	54.74	93.69	-120.76	21.12	-2,468.34	181.38	48.99	132.40	1.370	Level 3
10,500.00	7,131.12	10,130.47	7,251.34	56.32	96.85	-122.06	25.03	-2,569.51	179.49	44.35	135.15	1.328	Level 3
10,600.00	7,130.29	10,232.70	7,251.35	57.91	100.06	-123.01	29.31	-2,671.64	176.53	38.35	138.17	1.278	Level 3
10,700.00	7,129.47	10,333.42	7,251.90	59.51	103.24	-124.41	35.03	-2,772.19	172.66	32.09	140.58	1.228	Level 2
10,800.00	7,128.64	10,434.87	7,253.13	61.11	106.46	-126.22	41.59	-2,873.43	168.67	26.41	142.26	1.186	Level 2
10,900.00	7,127.82	10,536.27	7,252.53	62.71	109.69	-127.82	49.08	-2,974.54	163.00	18.99	144.01	1.132	Level 2
11,000.00	7,126.99	10,627.44	7,252.79	64.32	112.61	-129.31	54.67	-3,065.53	159.10	13.26	145.84	1.091	Level 2
11,000.94	7,126.99	10,628.24	7,252.81	64.33	112.64	-129.33	54.70	-3,066.33	159.10	13.25	145.86	1.091	Level 2
11,100.00	7,126.17	10,714.82	7,258.07	65.93	115.42	-130.95	54.80	-3,152.73	163.46	16.81	146.64	1.115	Level 2
11,200.00	7,125.34	10,811.62	7,265.17	67.54	118.53	-131.70	49.29	-3,249.10	173.18	24.19	149.00	1.162	Level 2
11,300.00	7,124.52	10,919.80	7,267.45	69.16	122.02	-130.85	41.84	-3,356.98	180.42	25.63	154.78	1.166	Level 2
11,400.00	7,123.70	11,024.33	7,264.93	70.78	125.41	-129.33	36.49	-3,461.34	183.39	21.96	161.43	1.136	Level 2
11,500.00	7,122.87	11,126.67	7,260.28	72.40	128.74	-127.37	31.30	-3,563.43	185.17	16.39	168.78	1.097	Level 2
11,600.00	7,122.05	11,232.03	7,254.09	74.02	132.18	-125.35	27.66	-3,668.55	185.07	8.80	176.28	1.050	Level 2
11,691.11	7,121.30	11,320.11	7,250.31	75.50	135.06	-124.42	26.89	-3,756.54	184.03	2.42	181.61	1.013	Level 2
11,700.00	7,121.22	11,328.58	7,250.15	75.65	135.34	-124.38	26.83	-3,765.01	184.04	2.01	182.03	1.011	Level 2
11,800.00	7,120.40	11,427.98	7,249.72	77.28	138.61	-124.42	26.59	-3,864.40	184.57	-1.60	186.17	0.991	Level 1
11,900.00	7,119.57	11,528.31	7,250.48	78.91	141.92	-124.91	27.25	-3,964.73	185.04	-4.47	189.51	0.976	Level 1
12,000.00	7,118.75	11,629.86	7,250.61	80.54	145.28	-125.29	28.10	-4,066.27	185.01	-8.04	193.05	0.958	Level 1
12,004.43	7,118.71	11,634.36	7,250.57	80.61	145.43	-125.29	28.13	-4,070.77	184.99	-8.24	193.23	0.957	Level 1
12,100.00	7,117.92	11,725.65	7,251.95	82.17	148.45	-125.91	28.72	-4,162.04	185.88	-10.13	196.01	0.948	Level 1
12,200.00	7,117.10	11,826.45	7,254.49	83.81	151.80	-126.80	29.18	-4,262.81	187.61	-10.85	198.46	0.945	Level 1
12,300.00	7,116.28	11,927.61	7,255.85	85.44	169.31	-127.43	29.82	-4,363.96	188.51	-24.96	213.47	0.883	Level 1, ES, SF
12,400.00	7,115.45	11,923.00	7,255.79	87.08	168.20	-127.40	29.79	-4,359.35	216.30	25.49	190.81	1.134	Level 2
12,500.00	7,114.63	11,923.00	7,255.79	88.72	168.20	-127.40	29.79	-4,359.35	279.31	123.61	155.70	1.794	
12,600.00	7,113.80	11,923.00	7,255.79	90.36	168.20	-127.40	29.79	-4,359.35	359.50	229.96	129.54	2.775	
12,700.00	7,112.98	11,923.00	7,255.79	92.01	168.20	-127.40	29.79	-4,359.35	447.74	335.26	112.48	3.981	
12,800.00	7,112.15	11,923.00	7,255.79	93.65	168.20	-127.40	29.79	-4,359.35	540.09	438.79	101.31	5.331	
12,900.00	7,111.33	11,923.00	7,255.79	95.29	168.20	-127.40	29.79	-4,359.35	634.77	541.00	93.77	6.770	
13,000.00	7,110.50	11,923.00	7,255.79	96.94	168.20	-127.40	29.79	-4,359.35	730.86	642.36	88.50	8.258	
13,100.00	7,109.68	11,923.00	7,255.79	98.59	168.20	-127.40	29.79	-4,359.35	827.88	743.16	84.72	9.772	
13,200.00	7,108.86	11,923.00	7,255.79	100.23	168.20	-127.40	29.79	-4,359.35	925.53	843.61	81.92	11.297	
13,300.00	7,108.03	11,923.00	7,255.79	101.88	168.20	-127.40	29.79	-4,359.35	1,023.64	943.82	79.82	12.825	
13,400.00	7,107.21	11,923.00	7,255.79	103.53	168.20	-127.40	29.79	-4,359.35	1,122.08	1,043.88	78.20	14.349	
13,500.00	7,106.38	11,923.00	7,255.79	105.18	168.20	-127.40	29.79	-4,359.35	1,220.78	1,143.84	76.93	15.868	
13,600.00	7,105.56	11,923.00	7,255.79	106.83	168.20	-127.40	29.79	-4,359.35	1,319.67	1,243.73	75.94	17.378	
13,700.00	7,104.73	11,923.00	7,255.79	108.49	168.20	-127.40	29.79	-4,359.35	1,418.72	1,343.57	75.14	18.881	
13,800.00	7,103.91	11,923.00	7,255.79	110.14	168.20	-127.40	29.79	-4,359.35	1,517.89	1,443.39	74.50	20.374	
13,900.00	7,103.09	11,923.00	7,255.79	111.79	168.20	-127.40	29.79	-4,359.35	1,617.16	1,543.18	73.98	21.858	
14,000.00	7,102.26	11,923.00	7,255.79	113.44	168.20	-127.40	29.79	-4,359.35	1,716.52	1,642.95	73.56	23.333	
14,100.00	7,101.44	11,923.00	7,255.79	115.10	168.20	-127.40	29.79	-4,359.35	1,815.95	1,742.72	73.22	24.800	
14,200.00	7,100.61	11,923.00	7,255.79	116.75	168.20	-127.40	29.79	-4,359.35	1,915.44	1,842.49	72.95	26.258	
14,300.00	7,099.79	11,923.00	7,255.79	118.41	168.20	-127.40	29.79	-4,359.35	2,014.97	1,942.25	72.72	27.708	
14,400.00	7,098.96	11,923.00	7,255.79	120.07	168.20	-127.40	29.79	-4,359.35	2,114.56	2,042.01	72.54	29.149	
14,500.00	7,098.14	11,923.00	7,255.79	121.72	168.20	-127.40	29.79	-4,359.35	2,214.18	2,141.78	72.40	30.583	
14,600.00	7,097.31	11,923.00	7,255.79	123.38	168.20	-127.40	29.79	-4,359.35	2,313.83	2,241.54	72.29	32.009	
14,700.00	7,096.49	11,923.00	7,255.79	125.04	168.20	-127.40	29.79	-4,359.35	2,413.51	2,341.31	72.20	33.427	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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 6-22 - Noble SI Well - Actual VES Surveys (Grid to True)													Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_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		
9,700.00	7,137.71	7,371.62	7,236.70	43.84	17.71	121.47	349.55	-4,215.19	2,458.33	2,423.51	34.82	70.607		
9,800.00	7,136.89	7,367.57	7,232.66	45.37	17.65	120.45	349.67	-4,215.32	2,358.67	2,323.82	34.84	67.692		
9,900.00	7,136.06	7,363.52	7,228.61	46.91	17.60	119.42	349.78	-4,215.45	2,259.03	2,224.15	34.88	64.767		
10,000.00	7,135.24	7,359.47	7,224.57	48.46	17.54	118.36	349.90	-4,215.58	2,159.42	2,124.50	34.92	61.833		
10,100.00	7,134.41	7,355.43	7,220.52	50.02	17.48	117.28	350.02	-4,215.71	2,059.84	2,024.86	34.98	58.888		
10,200.00	7,133.59	7,351.38	7,216.48	51.59	17.43	116.18	350.13	-4,215.84	1,960.29	1,925.25	35.05	55.933		
10,300.00	7,132.76	7,347.33	7,212.43	53.16	17.37	115.06	350.25	-4,215.97	1,860.79	1,825.66	35.13	52.968		
10,400.00	7,131.94	7,343.28	7,208.39	54.74	17.31	113.93	350.36	-4,216.10	1,761.33	1,726.09	35.23	49.990		
10,500.00	7,131.12	7,339.23	7,204.34	56.32	17.26	112.77	350.48	-4,216.23	1,661.92	1,626.56	35.36	47.000		
10,600.00	7,130.29	7,335.18	7,200.30	57.91	17.20	111.60	350.59	-4,216.36	1,562.58	1,527.07	35.52	43.997		
10,700.00	7,129.47	7,331.13	7,196.25	59.51	17.14	110.41	350.71	-4,216.49	1,463.32	1,427.61	35.71	40.979		
10,800.00	7,128.64	7,327.08	7,192.21	61.11	17.09	109.20	350.83	-4,216.62	1,364.16	1,328.20	35.95	37.945		
10,900.00	7,127.82	7,323.04	7,188.16	62.71	17.03	107.97	350.94	-4,216.75	1,265.11	1,228.85	36.26	34.893		
11,000.00	7,126.99	7,318.99	7,184.12	64.32	16.98	106.73	351.06	-4,216.88	1,166.21	1,129.56	36.65	31.822		
11,100.00	7,126.17	7,314.94	7,180.07	65.93	16.92	105.48	351.17	-4,217.01	1,067.50	1,030.35	37.15	28.732		
11,200.00	7,125.34	7,310.89	7,176.03	67.54	16.86	104.21	351.29	-4,217.15	969.04	931.22	37.82	25.622		
11,300.00	7,124.52	7,306.84	7,171.98	69.16	16.81	102.93	351.41	-4,217.28	870.92	832.20	38.72	22.495		
11,400.00	7,123.70	7,302.79	7,167.94	70.78	16.75	101.63	351.52	-4,217.41	773.25	733.31	39.94	19.360		
11,500.00	7,122.87	7,298.74	7,163.89	72.40	16.71	100.33	351.64	-4,217.54	676.24	634.56	41.67	16.227		
11,600.00	7,122.05	7,305.31	7,159.85	74.02	16.79	99.02	351.75	-4,217.67	580.21	535.93	44.29	13.101		
11,700.00	7,121.22	7,309.35	7,155.80	75.65	16.84	97.70	351.87	-4,217.80	485.76	437.66	48.10	10.099		
11,800.00	7,120.40	7,286.60	7,151.76	77.28	16.67	96.37	351.99	-4,217.93	394.02	340.31	53.71	7.336		
11,900.00	7,119.57	7,282.55	7,147.71	78.91	16.66	95.04	352.10	-4,218.06	307.42	244.53	62.89	4.888		
12,000.00	7,118.75	7,278.50	7,143.67	80.54	16.65	93.70	352.22	-4,218.19	231.79	154.44	77.35	2.997		
12,100.00	7,117.92	7,274.45	7,139.62	82.17	16.64	92.37	352.33	-4,218.32	181.42	86.53	94.90	1.912		
12,154.23	7,117.48	7,272.26	7,137.43	83.06	16.63	91.64	352.40	-4,218.39	173.14	73.39	99.74	1.736 CC, ES, SF		
12,200.00	7,117.10	7,270.40	7,135.58	83.81	16.63	91.03	352.45	-4,218.45	179.08	80.82	98.25	1.823		
12,300.00	7,116.28	7,266.35	7,131.53	85.44	16.62	89.69	352.57	-4,218.58	226.25	142.06	84.19	2.687		
12,400.00	7,115.45	7,262.31	7,127.49	87.08	16.61	88.35	352.68	-4,218.71	300.46	230.05	70.41	4.267		
12,500.00	7,114.63	7,258.26	7,123.44	88.72	16.59	87.02	352.80	-4,218.84	386.44	325.26	61.18	6.317		
12,600.00	7,113.80	7,254.21	7,119.40	90.36	16.58	85.69	352.91	-4,218.97	477.87	422.67	55.20	8.658		
12,700.00	7,112.98	7,250.16	7,115.35	92.01	16.57	84.37	353.03	-4,219.10	572.14	520.94	51.20	11.174		
12,800.00	7,112.15	7,246.11	7,111.31	93.65	16.56	83.06	353.14	-4,219.23	668.06	619.62	48.44	13.791		
12,900.00	7,111.33	7,242.06	7,107.26	95.29	16.55	81.75	353.26	-4,219.36	765.00	718.54	46.46	16.464		
13,000.00	7,110.50	7,238.01	7,103.22	96.94	16.54	80.46	353.38	-4,219.49	862.63	817.61	45.01	19.164		
13,100.00	7,109.68	7,233.96	7,099.18	98.59	16.53	79.18	353.49	-4,219.62	960.72	916.80	43.92	21.874		
13,200.00	7,108.86	7,229.92	7,095.13	100.23	16.51	77.91	353.61	-4,219.75	1,059.16	1,016.07	43.09	24.582		
13,300.00	7,108.03	7,225.87	7,091.09	101.88	16.50	76.65	353.72	-4,219.88	1,157.85	1,115.41	42.44	27.282		
13,400.00	7,107.21	7,221.82	7,087.04	103.53	16.49	75.41	353.84	-4,220.01	1,256.73	1,214.79	41.93	29.969		
13,500.00	7,106.38	7,217.77	7,083.00	105.18	16.48	74.18	353.96	-4,220.15	1,355.76	1,314.23	41.54	32.641		
13,600.00	7,105.56	7,213.72	7,078.95	106.83	16.47	72.97	354.07	-4,220.28	1,454.92	1,413.70	41.22	35.296		
13,700.00	7,104.73	7,209.67	7,074.91	108.49	16.46	71.78	354.19	-4,220.41	1,554.17	1,513.20	40.97	37.933		
13,800.00	7,103.91	7,205.62	7,070.86	110.14	16.45	70.61	354.30	-4,220.54	1,653.51	1,612.73	40.78	40.552		
13,900.00	7,103.09	7,201.57	7,066.82	111.79	16.44	69.45	354.42	-4,220.67	1,752.91	1,712.28	40.62	43.152		
14,000.00	7,102.26	7,202.47	7,062.77	113.44	16.44	68.31	354.54	-4,220.80	1,852.36	1,811.84	40.52	45.717		
14,100.00	7,101.44	7,206.52	7,058.73	115.10	16.45	67.19	354.65	-4,220.93	1,951.86	1,911.41	40.45	48.251		
14,200.00	7,100.61	7,190.75	7,056.00	116.75	16.41	66.45	354.73	-4,221.01	2,051.41	2,011.06	40.35	50.844		
14,300.00	7,099.79	7,187.28	7,052.53	118.41	16.41	65.52	354.83	-4,221.12	2,150.99	2,110.69	40.30	53.371		
14,400.00	7,098.96	7,183.85	7,049.11	120.07	16.40	64.61	354.93	-4,221.23	2,250.60	2,210.33	40.28	55.880		
14,500.00	7,098.14	7,180.46	7,045.72	121.72	16.39	63.73	355.03	-4,221.33	2,350.24	2,309.98	40.26	58.370		
14,600.00	7,097.31	7,177.11	7,042.38	123.38	16.39	62.87	355.13	-4,221.44	2,449.91	2,409.64	40.27	60.843		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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 6-23 - Noble SI Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,900.00	7,136.06	7,158.06	7,158.06	46.91	251.88	-90.79	-1,067.45	-4,058.91	2,435.92	2,154.92	281.00	8.669	
10,000.00	7,135.24	7,157.24	7,157.24	48.46	251.85	-90.76	-1,067.45	-4,058.91	2,350.57	2,068.18	282.39	8.324	
10,100.00	7,134.41	7,156.41	7,156.41	50.02	251.82	-90.72	-1,067.45	-4,058.91	2,266.41	1,982.52	283.89	7.983	
10,200.00	7,133.59	7,155.59	7,155.59	51.59	251.79	-90.68	-1,067.45	-4,058.91	2,183.59	1,898.07	285.53	7.648	
10,300.00	7,132.76	7,154.76	7,154.76	53.16	251.76	-90.64	-1,067.45	-4,058.91	2,102.27	1,814.96	287.30	7.317	
10,400.00	7,131.94	7,153.94	7,153.94	54.74	251.73	-90.60	-1,067.45	-4,058.91	2,022.62	1,733.39	289.23	6.993	
10,500.00	7,131.12	7,153.12	7,153.12	56.32	251.70	-90.57	-1,067.45	-4,058.91	1,944.85	1,653.54	291.31	6.676	
10,600.00	7,130.29	7,152.29	7,152.29	57.91	251.67	-90.53	-1,067.45	-4,058.91	1,869.19	1,575.64	293.55	6.368	
10,700.00	7,129.47	7,151.47	7,151.47	59.51	251.64	-90.49	-1,067.45	-4,058.91	1,795.92	1,499.96	295.95	6.068	
10,800.00	7,128.64	7,150.64	7,150.64	61.11	251.61	-90.45	-1,067.45	-4,058.91	1,725.33	1,426.80	298.53	5.779	
10,900.00	7,127.82	7,149.82	7,149.82	62.71	251.58	-90.41	-1,067.45	-4,058.91	1,657.77	1,356.50	301.26	5.503	
11,000.00	7,126.99	7,148.99	7,148.99	64.32	251.56	-90.38	-1,067.45	-4,058.91	1,593.62	1,289.47	304.16	5.239	
11,100.00	7,126.17	7,148.17	7,148.17	65.93	251.53	-90.34	-1,067.45	-4,058.91	1,533.32	1,226.13	307.19	4.991	
11,200.00	7,125.34	7,147.34	7,147.34	67.54	251.50	-90.30	-1,067.45	-4,058.91	1,477.33	1,167.00	310.34	4.760	
11,300.00	7,124.52	7,146.52	7,146.52	69.16	251.47	-90.26	-1,067.45	-4,058.91	1,426.17	1,112.61	313.55	4.548	
11,400.00	7,123.70	7,145.70	7,145.70	70.78	251.44	-90.22	-1,067.45	-4,058.91	1,380.36	1,063.57	316.79	4.357	
11,500.00	7,122.87	7,144.87	7,144.87	72.40	251.41	-90.19	-1,067.45	-4,058.91	1,340.45	1,020.47	319.98	4.189	
11,600.00	7,122.05	7,144.05	7,144.05	74.02	251.38	-90.15	-1,067.45	-4,058.91	1,307.00	983.95	323.05	4.046	
11,700.00	7,121.22	7,143.22	7,143.22	75.65	251.35	-90.11	-1,067.45	-4,058.91	1,280.50	954.59	325.91	3.929	
11,800.00	7,120.40	7,142.40	7,142.40	77.28	251.32	-90.07	-1,067.45	-4,058.91	1,261.39	932.93	328.47	3.840	
11,900.00	7,119.57	7,141.57	7,141.57	78.91	251.29	-90.04	-1,067.45	-4,058.91	1,250.02	919.37	330.64	3.781	
11,992.87	7,118.81	7,140.81	7,140.81	80.42	251.27	-90.00	-1,067.45	-4,058.91	1,246.56	914.30	332.26	3.752 CC	
12,000.00	7,118.75	7,140.75	7,140.75	80.54	251.26	-90.00	-1,067.45	-4,058.91	1,246.58	914.21	332.37	3.751 ES	
12,100.00	7,117.92	7,139.92	7,139.92	82.17	251.23	-89.96	-1,067.45	-4,058.91	1,251.16	917.55	333.61	3.750 SF	
12,200.00	7,117.10	7,139.10	7,139.10	83.81	251.21	-89.92	-1,067.45	-4,058.91	1,263.65	929.31	334.34	3.780	
12,300.00	7,116.28	7,138.28	7,138.28	85.44	251.18	-89.88	-1,067.45	-4,058.91	1,283.84	949.25	334.59	3.837	
12,400.00	7,115.45	7,137.45	7,137.45	87.08	251.15	-89.85	-1,067.45	-4,058.91	1,311.36	976.98	334.38	3.922	
12,500.00	7,114.63	7,136.63	7,136.63	88.72	251.12	-89.81	-1,067.45	-4,058.91	1,345.76	1,011.98	333.78	4.032	
12,600.00	7,113.80	7,135.80	7,135.80	90.36	251.09	-89.77	-1,067.45	-4,058.91	1,386.54	1,053.68	332.86	4.166	
12,700.00	7,112.98	7,134.98	7,134.98	92.01	251.06	-89.73	-1,067.45	-4,058.91	1,433.15	1,101.47	331.68	4.321	
12,800.00	7,112.15	7,134.15	7,134.15	93.65	251.03	-89.69	-1,067.45	-4,058.91	1,485.04	1,154.72	330.31	4.496	
12,900.00	7,111.33	7,133.33	7,133.33	95.29	251.00	-89.66	-1,067.45	-4,058.91	1,541.67	1,212.85	328.82	4.689	
13,000.00	7,110.50	7,132.50	7,132.50	96.94	250.97	-89.62	-1,067.45	-4,058.91	1,602.55	1,275.31	327.24	4.897	
13,100.00	7,109.68	7,131.68	7,131.68	98.59	250.94	-89.58	-1,067.45	-4,058.91	1,667.20	1,341.58	325.62	5.120	
13,200.00	7,108.86	7,130.86	7,130.86	100.23	250.91	-89.54	-1,067.45	-4,058.91	1,735.22	1,411.22	324.00	5.356	
13,300.00	7,108.03	7,130.03	7,130.03	101.88	250.88	-89.50	-1,067.45	-4,058.91	1,806.21	1,483.81	322.39	5.602	
13,400.00	7,107.21	7,129.21	7,129.21	103.53	250.85	-89.47	-1,067.45	-4,058.91	1,879.84	1,559.02	320.82	5.859	
13,500.00	7,106.38	7,128.38	7,128.38	105.18	250.83	-89.43	-1,067.45	-4,058.91	1,955.81	1,636.51	319.30	6.125	
13,600.00	7,105.56	7,127.56	7,127.56	106.83	250.80	-89.39	-1,067.45	-4,058.91	2,033.87	1,716.03	317.84	6.399	
13,700.00	7,104.73	7,126.73	7,126.73	108.49	250.77	-89.35	-1,067.45	-4,058.91	2,113.77	1,797.34	316.43	6.680	
13,800.00	7,103.91	7,125.91	7,125.91	110.14	250.74	-89.32	-1,067.45	-4,058.91	2,195.32	1,880.23	315.09	6.967	
13,900.00	7,103.09	7,125.09	7,125.09	111.79	250.71	-89.28	-1,067.45	-4,058.91	2,278.34	1,964.52	313.81	7.260	
14,000.00	7,102.26	7,124.26	7,124.26	113.44	250.68	-89.24	-1,067.45	-4,058.91	2,362.67	2,050.07	312.60	7.558	
14,100.00	7,101.44	7,123.44	7,123.44	115.10	250.65	-89.20	-1,067.45	-4,058.91	2,448.19	2,136.73	311.45	7.861	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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_UNKNOWN													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,300.00	7,141.01	7,237.88	7,233.97	37.83	16.42	-96.91	-623.87	-3,701.75	2,471.44	2,434.09	37.35	66.172		
9,400.00	7,140.18	7,231.70	7,227.80	39.31	16.32	-96.48	-623.50	-3,702.08	2,377.16	2,339.27	37.88	62.752		
9,500.00	7,139.36	7,225.52	7,221.64	40.80	16.23	-96.04	-623.13	-3,702.41	2,283.34	2,244.85	38.49	59.319		
9,600.00	7,138.54	7,219.34	7,215.48	42.31	16.14	-95.61	-622.77	-3,702.75	2,190.06	2,150.87	39.19	55.882		
9,700.00	7,137.71	7,213.16	7,209.32	43.84	16.04	-95.18	-622.40	-3,703.08	2,097.38	2,057.39	39.99	52.452		
9,800.00	7,136.89	7,206.98	7,203.16	45.37	15.87	-94.74	-622.03	-3,703.41	2,005.38	1,964.57	40.81	49.140		
9,900.00	7,136.06	7,200.79	7,197.00	46.91	15.86	-94.31	-621.67	-3,703.74	1,914.17	1,872.24	41.92	45.659		
10,000.00	7,135.24	7,205.39	7,190.84	48.46	15.93	-93.87	-621.30	-3,704.07	1,823.85	1,780.60	43.26	42.164		
10,100.00	7,134.41	7,188.43	7,184.68	50.02	15.81	-93.43	-620.93	-3,704.40	1,734.58	1,690.02	44.56	38.925		
10,200.00	7,133.59	7,182.25	7,178.51	51.59	15.79	-92.99	-620.57	-3,704.73	1,646.52	1,600.37	46.14	35.682		
10,300.00	7,132.76	7,176.07	7,172.35	53.16	15.77	-92.55	-620.20	-3,705.06	1,559.87	1,511.94	47.93	32.547		
10,400.00	7,131.94	7,169.89	7,166.19	54.74	15.75	-92.11	-619.84	-3,705.39	1,474.89	1,424.95	49.93	29.536		
10,500.00	7,131.12	7,163.71	7,160.03	56.32	15.74	-91.67	-619.47	-3,705.72	1,391.87	1,339.68	52.19	26.667		
10,600.00	7,130.29	7,157.53	7,153.87	57.91	15.72	-91.23	-619.10	-3,706.05	1,311.20	1,256.47	54.73	23.957		
10,700.00	7,129.47	7,151.35	7,147.71	59.51	15.70	-90.79	-618.74	-3,706.38	1,233.34	1,175.77	57.57	21.424		
10,800.00	7,128.64	7,145.16	7,141.55	61.11	15.68	-90.35	-618.37	-3,706.71	1,158.84	1,098.12	60.72	19.084		
10,900.00	7,127.82	7,138.98	7,135.38	62.71	15.66	-89.91	-618.00	-3,707.05	1,088.41	1,024.21	64.20	16.954		
11,000.00	7,126.99	7,132.80	7,129.22	64.32	15.64	-89.46	-617.64	-3,707.38	1,022.87	954.90	67.98	15.048		
11,100.00	7,126.17	7,126.62	7,123.06	65.93	15.62	-89.02	-617.27	-3,707.71	963.24	891.24	72.00	13.378		
11,200.00	7,125.34	7,120.44	7,116.90	67.54	15.61	-88.57	-616.90	-3,708.04	910.67	834.51	76.16	11.957		
11,300.00	7,124.52	7,114.26	7,110.74	69.16	15.59	-88.13	-616.54	-3,708.37	866.44	786.16	80.29	10.792		
11,400.00	7,123.70	7,108.14	7,104.64	70.78	15.56	-87.69	-616.18	-3,708.70	831.90	747.78	84.12	9.889		
11,500.00	7,122.87	7,101.91	7,098.43	72.40	15.55	-87.24	-615.81	-3,709.03	808.28	720.87	87.41	9.247		
11,600.00	7,122.05	7,095.69	7,092.22	74.02	15.54	-86.80	-615.44	-3,709.36	796.55	706.71	89.84	8.866		
11,644.46	7,121.68	7,092.92	7,089.47	74.74	15.53	-86.60	-615.27	-3,709.51	795.32	704.71	90.60	8.778 CC, ES		
11,700.00	7,121.22	7,089.47	7,086.02	75.65	15.52	-86.35	-615.07	-3,709.70	797.25	706.00	91.24	8.738 SF		
11,800.00	7,120.40	7,083.25	7,079.83	77.28	15.51	-85.90	-614.70	-3,710.03	810.33	718.79	91.54	8.853		
11,900.00	7,119.57	7,077.04	7,073.64	78.91	15.50	-85.46	-614.33	-3,710.36	835.21	744.39	90.82	9.197		
12,000.00	7,118.75	7,070.84	7,067.46	80.54	15.48	-85.01	-613.96	-3,710.69	870.89	781.61	89.28	9.754		
12,100.00	7,117.92	7,064.64	7,061.28	82.17	15.47	-84.56	-613.59	-3,711.02	916.10	828.92	87.18	10.508		
12,200.00	7,117.10	7,058.45	7,055.10	83.81	15.46	-84.12	-613.22	-3,711.35	969.52	884.78	84.74	11.441		
12,300.00	7,116.28	7,052.26	7,048.94	85.44	15.45	-83.68	-612.85	-3,711.68	1,029.86	947.70	82.16	12.535		
12,400.00	7,115.45	7,046.08	7,042.77	87.08	15.43	-83.23	-612.49	-3,712.01	1,095.98	1,016.42	79.57	13.774		
12,500.00	7,114.63	7,039.90	7,036.62	88.72	15.42	-82.79	-612.12	-3,712.34	1,166.91	1,089.85	77.06	15.143		
12,600.00	7,113.80	7,033.73	7,030.47	90.36	15.41	-82.35	-611.75	-3,712.67	1,241.81	1,167.12	74.69	16.627		
12,700.00	7,112.98	7,027.56	7,024.32	92.01	15.39	-81.91	-611.38	-3,713.00	1,320.01	1,247.54	72.48	18.213		
12,800.00	7,112.15	7,021.40	7,018.18	93.65	15.38	-81.47	-611.01	-3,713.32	1,400.96	1,330.53	70.43	19.890		
12,900.00	7,111.33	7,015.25	7,012.04	95.29	15.37	-81.03	-610.64	-3,713.65	1,484.21	1,415.65	68.56	21.648		
13,000.00	7,110.50	7,009.10	7,005.91	96.94	15.36	-80.59	-610.27	-3,713.98	1,569.39	1,502.54	66.85	23.475		
13,100.00	7,109.68	7,002.95	6,999.79	98.59	15.34	-80.15	-609.90	-3,714.30	1,656.21	1,590.92	65.29	25.365		
13,200.00	7,108.86	6,996.99	6,993.85	100.23	15.33	-79.73	-609.54	-3,714.62	1,744.42	1,680.54	63.87	27.310		
13,300.00	7,108.03	6,991.24	6,988.12	101.88	15.32	-79.32	-609.20	-3,714.92	1,833.82	1,771.24	62.58	29.303		
13,400.00	7,107.21	6,985.56	6,982.45	103.53	15.31	-78.92	-608.85	-3,715.22	1,924.24	1,862.84	61.40	31.338		
13,500.00	7,106.38	6,979.92	6,976.83	105.18	15.30	-78.52	-608.51	-3,715.52	2,015.55	1,955.23	60.33	33.409		
13,600.00	7,105.56	6,974.35	6,971.27	106.83	15.28	-78.13	-608.17	-3,715.81	2,107.64	2,048.29	59.35	35.512		
13,700.00	7,104.73	6,968.83	6,965.77	108.49	15.27	-77.74	-607.84	-3,716.09	2,200.40	2,141.95	58.46	37.643		
13,800.00	7,103.91	6,963.36	6,960.32	110.14	15.26	-77.36	-607.50	-3,716.37	2,293.76	2,236.12	57.64	39.797		
13,900.00	7,103.09	6,957.95	6,954.93	111.79	15.25	-76.98	-607.17	-3,716.65	2,387.64	2,330.75	56.89	41.971		
14,000.00	7,102.26	6,952.59	6,949.59	113.44	15.24	-76.61	-606.84	-3,716.92	2,481.98	2,425.78	56.20	44.162		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	24.00	24.00	3.28	3.31	-80.98	252.15	-1,588.28	1,608.17					
100.00	100.00	124.00	124.00	3.28	4.20	-80.98	252.15	-1,588.28	1,608.17	1,599.90	8.27	194.376		
200.00	200.00	224.00	224.00	3.31	6.98	-80.98	252.15	-1,588.28	1,608.17	1,597.09	11.08	145.138		
200.00	200.00	224.00	224.00	3.31	6.98	-80.98	252.15	-1,588.28	1,608.17	1,597.09	11.08	145.138		
300.00	300.00	324.00	324.00	3.35	10.25	-161.98	252.15	-1,588.28	1,608.59	1,594.20	14.39	111.800		
400.00	399.93	423.93	423.93	3.41	13.65	-162.00	252.15	-1,588.28	1,611.90	1,594.05	17.85	90.288		
500.00	499.68	523.68	523.68	3.50	17.10	-162.03	252.15	-1,588.28	1,618.54	1,597.15	21.39	75.660		
600.00	599.13	623.13	623.13	3.61	20.57	-162.09	252.15	-1,588.28	1,628.49	1,603.52	24.97	65.212		
700.00	698.15	722.15	722.15	3.76	24.04	-162.15	252.15	-1,588.28	1,641.75	1,613.17	28.58	57.452		
800.00	796.83	820.83	820.83	3.93	27.51	-162.31	252.15	-1,588.28	1,657.20	1,625.00	32.20	51.472		
900.00	895.50	919.50	919.50	4.14	30.98	-162.48	252.15	-1,588.28	1,672.72	1,636.89	35.83	46.681		
1,000.00	994.17	1,018.17	1,018.17	4.36	34.46	-162.64	252.15	-1,588.28	1,688.26	1,648.76	39.49	42.750		
1,100.00	1,092.84	1,116.84	1,116.84	4.61	37.94	-162.81	252.15	-1,588.28	1,703.80	1,660.64	43.17	39.471		
1,200.00	1,191.50	1,215.50	1,215.50	4.87	41.43	-162.97	252.15	-1,588.28	1,719.37	1,672.51	46.86	36.694		
1,300.00	1,290.17	1,314.17	1,314.17	5.14	44.91	-163.12	252.15	-1,588.28	1,734.94	1,684.38	50.56	34.315		
1,400.00	1,388.84	1,412.84	1,412.84	5.43	48.40	-163.28	252.15	-1,588.28	1,750.53	1,696.25	54.27	32.254		
1,500.00	1,487.51	1,511.51	1,511.51	5.73	51.89	-163.43	252.15	-1,588.28	1,766.13	1,708.13	58.00	30.453		
1,600.00	1,586.18	1,610.18	1,610.18	6.03	55.38	-163.58	252.15	-1,588.28	1,781.74	1,720.01	61.73	28.865		
1,700.00	1,684.85	1,708.85	1,708.85	6.34	58.87	-163.73	252.15	-1,588.28	1,797.36	1,731.89	65.46	27.455		
1,800.00	1,783.52	1,807.52	1,807.52	6.66	62.36	-163.87	252.15	-1,588.28	1,812.99	1,743.78	69.21	26.196		
1,900.00	1,882.18	1,906.18	1,906.18	6.84	65.85	-164.01	252.15	-1,588.28	1,828.64	1,756.01	72.63	25.177		
2,000.00	1,980.85	2,004.85	2,004.85	6.87	69.34	-164.15	252.15	-1,588.28	1,844.29	1,768.15	76.14	24.222		
2,100.00	2,079.52	2,103.52	2,103.52	6.93	72.84	-164.29	252.15	-1,588.28	1,859.96	1,780.29	79.66	23.347		
2,200.00	2,178.19	2,202.19	2,202.19	6.99	76.33	-164.42	252.15	-1,588.28	1,875.64	1,792.43	83.20	22.542		
2,300.00	2,276.86	2,300.86	2,300.86	7.08	79.82	-164.55	252.15	-1,588.28	1,891.32	1,804.56	86.76	21.800		
2,400.00	2,375.53	2,400.47	2,399.53	7.17	83.35	-164.68	252.15	-1,588.28	1,907.02	1,816.66	90.36	21.104		
2,500.00	2,474.20	2,501.80	2,498.20	7.29	86.94	-164.81	252.15	-1,588.28	1,922.72	1,828.69	94.04	20.446		
2,600.00	2,572.86	2,603.14	2,596.86	7.41	90.52	-164.94	252.15	-1,588.28	1,938.44	1,840.71	97.73	19.835		
2,700.00	2,671.53	2,704.47	2,695.53	7.55	94.11	-165.06	252.15	-1,588.28	1,954.16	1,852.73	101.43	19.266		
2,800.00	2,770.20	2,805.80	2,794.20	7.70	97.70	-165.18	252.15	-1,588.28	1,969.89	1,864.75	105.14	18.735		
2,900.00	2,868.87	2,907.13	2,892.87	7.86	101.29	-165.30	252.15	-1,588.28	1,985.63	1,876.77	108.87	18.239		
3,000.00	2,967.54	3,008.46	2,991.54	8.03	104.88	-165.42	252.15	-1,588.28	2,001.38	1,888.78	112.60	17.774		
3,100.00	3,066.21	3,109.79	3,090.21	8.21	108.47	-165.54	252.15	-1,588.28	2,017.14	1,900.79	116.35	17.337		
3,200.00	3,164.88	3,188.88	3,188.88	8.40	111.27	-165.65	252.15	-1,588.28	2,032.91	1,913.59	119.32	17.038		
3,300.00	3,263.54	3,287.54	3,287.54	8.60	114.76	-165.76	252.15	-1,588.28	2,048.68	1,925.69	122.98	16.658		
3,400.00	3,362.21	3,386.21	3,386.21	8.81	118.26	-165.87	252.15	-1,588.28	2,064.46	1,937.80	126.66	16.299		
3,500.00	3,460.88	3,484.88	3,484.88	9.02	121.75	-165.98	252.15	-1,588.28	2,080.25	1,949.90	130.35	15.959		
3,600.00	3,559.55	3,583.55	3,583.55	9.24	125.25	-166.09	252.15	-1,588.28	2,096.04	1,962.00	134.04	15.638		
3,700.00	3,658.22	3,682.22	3,682.22	9.47	128.74	-166.20	252.15	-1,588.28	2,111.84	1,974.11	137.74	15.332		
3,800.00	3,756.89	3,780.89	3,780.89	9.70	132.23	-166.30	252.15	-1,588.28	2,127.65	1,986.21	141.44	15.043		
3,900.00	3,855.56	3,879.56	3,879.56	9.94	135.73	-166.40	252.15	-1,588.28	2,143.47	1,998.32	145.15	14.767		
4,000.00	3,954.22	3,978.22	3,978.22	10.19	139.23	-166.51	252.15	-1,588.28	2,159.29	2,010.43	148.87	14.505		
4,100.00	4,052.89	4,076.89	4,076.89	10.44	142.72	-166.61	252.15	-1,588.28	2,175.12	2,022.53	152.59	14.255		
4,200.00	4,151.56	4,175.56	4,175.56	10.69	146.22	-166.70	252.15	-1,588.28	2,190.96	2,034.65	156.31	14.016		
4,300.00	4,250.23	4,274.23	4,274.23	10.95	149.71	-166.80	252.15	-1,588.28	2,206.80	2,046.76	160.04	13.789		
4,400.00	4,348.90	4,372.90	4,372.90	11.21	153.21	-166.90	252.15	-1,588.28	2,222.65	2,058.87	163.78	13.571		
4,500.00	4,447.57	4,471.57	4,471.57	11.48	156.70	-166.99	252.15	-1,588.28	2,238.50	2,070.99	167.51	13.363		
4,600.00	4,546.24	4,570.24	4,570.24	11.75	160.20	-167.08	252.15	-1,588.28	2,254.36	2,083.11	171.25	13.164		
4,700.00	4,644.90	4,668.90	4,668.90	12.02	163.69	-167.18	252.15	-1,588.28	2,270.23	2,095.23	175.00	12.973		
4,800.00	4,743.57	4,767.57	4,767.57	12.30	167.19	-167.27	252.15	-1,588.28	2,286.10	2,107.36	178.74	12.790		
4,900.00	4,842.24	4,866.24	4,866.24	12.58	170.68	-167.36	252.15	-1,588.28	2,301.98	2,119.48	182.49	12.614		
5,000.00	4,940.91	4,964.91	4,964.91	12.86	174.18	-167.44	252.15	-1,588.28	2,317.86	2,131.61	186.24	12.445		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
5,100.00	5,039.58	5,063.58	5,063.58	13.14	177.67	-167.53	252.15	-1,588.28	2,333.74	2,143.75	190.00	12.283	
5,200.00	5,138.25	5,162.25	5,162.25	13.43	181.17	-167.62	252.15	-1,588.28	2,349.64	2,155.88	193.75	12.127	
5,300.00	5,236.92	5,260.92	5,260.92	13.71	184.66	-167.70	252.15	-1,588.28	2,365.53	2,168.02	197.51	11.977	
5,400.00	5,335.58	5,359.58	5,359.58	14.00	188.16	-167.78	252.15	-1,588.28	2,381.44	2,180.16	201.27	11.832	
5,500.00	5,434.25	5,458.25	5,458.25	14.30	191.66	-167.87	252.15	-1,588.28	2,397.34	2,192.31	205.04	11.692	
5,600.00	5,532.92	5,556.92	5,556.92	14.59	195.15	-167.95	252.15	-1,588.28	2,413.26	2,204.46	208.80	11.558	
5,700.00	5,631.59	5,655.59	5,655.59	14.88	198.65	-168.03	252.15	-1,588.28	2,429.17	2,216.61	212.57	11.428	
5,800.00	5,730.26	5,754.26	5,754.26	15.18	202.14	-168.11	252.15	-1,588.28	2,445.09	2,228.76	216.33	11.302	
5,900.00	5,828.93	5,852.93	5,852.93	15.48	205.64	-168.18	252.15	-1,588.28	2,461.02	2,240.92	220.10	11.181	
6,000.00	5,927.60	5,951.60	5,951.60	15.78	209.13	-168.26	252.15	-1,588.28	2,476.95	2,253.08	223.87	11.064	
6,100.00	6,026.27	6,050.27	6,050.27	16.08	212.63	-168.34	252.15	-1,588.28	2,492.88	2,265.24	227.65	10.951	
6,900.00	6,809.23	6,833.23	6,833.23	17.68	240.37	-1.07	252.15	-1,588.28	2,493.61	2,236.64	256.97	9.704	
7,000.00	6,894.22	6,918.22	6,918.22	17.66	243.38	-0.12	252.15	-1,588.28	2,441.12	2,181.13	259.99	9.389	
7,100.00	6,969.97	7,006.03	6,993.97	17.65	246.49	0.66	252.15	-1,588.28	2,375.98	2,112.91	263.07	9.032	
7,200.00	7,034.59	7,058.59	7,058.59	17.67	248.35	1.53	252.15	-1,588.28	2,299.81	2,034.92	264.90	8.682	
7,300.00	7,086.52	7,110.52	7,110.52	17.76	250.19	2.79	252.15	-1,588.28	2,214.48	1,947.79	266.69	8.304	
7,400.00	7,124.46	7,148.46	7,148.46	17.95	251.54	5.19	252.15	-1,588.28	2,122.10	1,854.11	267.99	7.918	
7,500.00	7,147.48	7,171.48	7,171.48	18.24	252.35	12.35	252.15	-1,588.28	2,024.94	1,756.16	268.78	7.534	
7,600.00	7,155.01	7,179.01	7,179.01	18.62	252.62	94.33	252.15	-1,588.28	1,925.39	1,656.36	269.03	7.157	
7,700.00	7,154.20	7,178.20	7,178.20	19.12	252.59	101.14	252.15	-1,588.28	1,825.48	1,556.48	269.00	6.786	
7,800.00	7,153.37	7,177.37	7,177.37	19.75	252.56	100.54	252.15	-1,588.28	1,725.58	1,456.61	268.96	6.416	
7,900.00	7,152.55	7,176.55	7,176.55	20.50	252.53	99.94	252.15	-1,588.28	1,625.68	1,356.75	268.93	6.045	
8,000.00	7,151.73	7,175.73	7,175.73	21.36	252.50	99.34	252.15	-1,588.28	1,525.80	1,256.90	268.91	5.674	
8,100.00	7,150.90	7,174.90	7,174.90	22.30	252.47	98.74	252.15	-1,588.28	1,425.94	1,157.06	268.88	5.303	
8,200.00	7,150.08	7,174.08	7,174.08	23.33	252.44	98.13	252.15	-1,588.28	1,326.10	1,057.24	268.86	4.932	
8,300.00	7,149.25	7,173.25	7,173.25	24.43	252.42	97.53	252.15	-1,588.28	1,226.28	957.44	268.84	4.561	
8,400.00	7,148.43	7,172.43	7,172.43	25.59	252.39	96.92	252.15	-1,588.28	1,126.50	857.67	268.83	4.190	
8,500.00	7,147.60	7,171.60	7,171.60	26.81	252.36	96.31	252.15	-1,588.28	1,026.75	757.93	268.82	3.819	
8,600.00	7,146.78	7,170.78	7,170.78	28.07	252.33	95.70	252.15	-1,588.28	927.06	658.24	268.82	3.449	
8,700.00	7,145.96	7,169.96	7,169.96	29.38	252.30	95.08	252.15	-1,588.28	827.45	558.61	268.84	3.078	
8,800.00	7,145.13	7,169.13	7,169.13	30.72	252.27	94.47	252.15	-1,588.28	727.94	459.06	268.88	2.707	
8,900.00	7,144.31	7,168.31	7,168.31	32.09	252.24	93.85	252.15	-1,588.28	628.58	359.63	268.95	2.337	
9,000.00	7,143.48	7,167.48	7,167.48	33.49	252.21	93.24	252.15	-1,588.28	529.46	260.37	269.09	1.968	
9,100.00	7,142.66	7,166.66	7,166.66	34.92	252.18	92.62	252.15	-1,588.28	430.75	161.37	269.39	1.599	
9,200.00	7,141.83	7,165.83	7,165.83	36.36	252.15	92.00	252.15	-1,588.28	332.81	62.78	270.03	1.233 Level 2	
9,300.00	7,141.01	7,165.01	7,165.01	37.83	252.12	91.38	252.15	-1,588.28	236.60	-35.06	271.66	0.871 Level 1	
9,400.00	7,140.18	7,164.18	7,164.18	39.31	252.09	90.77	252.15	-1,588.28	145.58	-131.18	276.76	0.526 Level 1	
9,500.00	7,139.36	7,163.36	7,163.36	40.80	252.06	90.15	252.15	-1,588.28	80.04	-211.54	291.58	0.275 Level 1	
9,523.94	7,139.16	7,163.16	7,163.16	41.16	252.06	90.00	252.15	-1,588.28	76.38	-217.42	293.79	0.260 Level 1, CC, ES, SF	
9,600.00	7,138.54	7,162.54	7,162.54	42.31	252.04	89.53	252.15	-1,588.28	107.79	-177.56	285.35	0.378 Level 1	
9,700.00	7,137.71	7,161.71	7,161.71	43.84	252.01	88.91	252.15	-1,588.28	191.91	-84.32	276.23	0.695 Level 1	
9,800.00	7,136.89	7,160.89	7,160.89	45.37	251.98	88.29	252.15	-1,588.28	286.42	13.44	272.98	1.049 Level 2	
9,900.00	7,136.06	7,160.06	7,160.06	46.91	251.95	87.68	252.15	-1,588.28	383.72	112.15	271.57	1.413 Level 3	
10,000.00	7,135.24	7,159.24	7,159.24	48.46	251.92	87.06	252.15	-1,588.28	482.13	211.28	270.85	1.780	
10,100.00	7,134.41	7,158.41	7,158.41	50.02	251.89	86.44	252.15	-1,588.28	581.08	310.64	270.44	2.149	
10,200.00	7,133.59	7,157.59	7,157.59	51.59	251.86	85.83	252.15	-1,588.28	680.34	410.16	270.18	2.518	
10,300.00	7,132.76	7,156.76	7,156.76	53.16	251.83	85.21	252.15	-1,588.28	779.78	509.77	270.01	2.888	
10,400.00	7,131.94	7,155.94	7,155.94	54.74	251.80	84.60	252.15	-1,588.28	879.35	609.45	269.90	3.258	
10,500.00	7,131.12	7,155.12	7,155.12	56.32	251.77	83.99	252.15	-1,588.28	979.01	709.19	269.82	3.628	
10,600.00	7,130.29	7,154.29	7,154.29	57.91	251.74	83.37	252.15	-1,588.28	1,078.73	808.96	269.77	3.999	
10,700.00	7,129.47	7,153.47	7,153.47	59.51	251.71	82.77	252.15	-1,588.28	1,178.50	908.76	269.74	4.369	
10,800.00	7,128.64	7,152.64	7,152.64	61.11	251.68	82.16	252.15	-1,588.28	1,278.30	1,008.58	269.72	4.739	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
10,900.00	7,127.82	7,151.82	7,151.82	62.71	251.66	81.55	252.15	-1,588.28	1,378.13	1,108.41	269.71	5.110	
11,000.00	7,126.99	7,150.99	7,150.99	64.32	251.63	80.95	252.15	-1,588.28	1,477.98	1,208.27	269.72	5.480	
11,100.00	7,126.17	7,150.17	7,150.17	65.93	251.60	80.35	252.15	-1,588.28	1,577.85	1,308.13	269.73	5.850	
11,200.00	7,125.34	7,149.34	7,149.34	67.54	251.57	79.75	252.15	-1,588.28	1,677.74	1,408.00	269.74	6.220	
11,300.00	7,124.52	7,148.52	7,148.52	69.16	251.54	79.15	252.15	-1,588.28	1,777.64	1,507.88	269.76	6.590	
11,400.00	7,123.70	7,147.70	7,147.70	70.78	251.51	78.55	252.15	-1,588.28	1,877.55	1,607.76	269.79	6.959	
11,500.00	7,122.87	7,146.87	7,146.87	72.40	251.48	77.96	252.15	-1,588.28	1,977.47	1,707.65	269.82	7.329	
11,600.00	7,122.05	7,146.05	7,146.05	74.02	251.45	77.37	252.15	-1,588.28	2,077.39	1,807.54	269.85	7.698	
11,700.00	7,121.22	7,145.22	7,145.22	75.65	251.42	76.78	252.15	-1,588.28	2,177.32	1,907.44	269.89	8.067	
11,800.00	7,120.40	7,144.40	7,144.40	77.28	251.39	76.20	252.15	-1,588.28	2,277.26	2,007.33	269.93	8.437	
11,900.00	7,119.57	7,143.57	7,143.57	78.91	251.36	75.62	252.15	-1,588.28	2,377.20	2,107.23	269.97	8.805	
12,000.00	7,118.75	7,142.75	7,142.75	80.54	251.33	75.04	252.15	-1,588.28	2,477.15	2,207.13	270.02	9.174	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	29.47	29.47	3.28	3.28	-121.52	-925.67	-1,509.37	1,770.62					
100.00	100.00	133.29	133.29	3.28	3.29	-121.54	-925.95	-1,508.94	1,770.40	1,763.03	7.36	240.383		
200.00	200.00	233.53	233.52	3.31	3.33	-121.54	-925.97	-1,508.55	1,770.08	1,762.65	7.43	238.352		
218.68	218.68	252.02	252.02	3.31	3.34	157.46	-925.97	-1,508.49	1,770.05	1,762.61	7.44	237.804		
300.00	300.00	332.91	332.90	3.35	3.40	157.46	-925.96	-1,508.23	1,770.20	1,762.66	7.54	234.831		
400.00	399.93	431.78	431.78	3.41	3.49	157.47	-926.05	-1,507.86	1,773.15	1,765.45	7.70	230.332		
500.00	499.68	528.64	528.63	3.50	3.61	157.50	-926.10	-1,507.69	1,779.48	1,771.57	7.90	225.151		
600.00	599.13	628.68	628.67	3.61	3.74	157.54	-926.39	-1,507.47	1,789.10	1,780.95	8.15	219.524		
700.00	698.15	728.15	728.15	3.76	3.89	157.61	-926.49	-1,507.20	1,801.81	1,793.38	8.43	213.798		
800.00	796.83	821.52	821.51	3.93	3.99	157.76	-926.70	-1,507.20	1,816.94	1,808.25	8.69	209.081		
900.00	895.50	926.56	926.55	4.14	4.06	157.98	-926.41	-1,507.32	1,831.99	1,823.06	8.93	205.200		
1,000.00	994.17	1,023.58	1,023.58	4.36	4.11	158.18	-925.78	-1,507.54	1,846.97	1,837.80	9.17	201.330		
1,100.00	1,092.84	1,118.20	1,118.19	4.61	4.18	158.39	-925.15	-1,507.95	1,862.15	1,852.70	9.44	197.234		
1,200.00	1,191.50	1,214.08	1,214.07	4.87	4.25	158.59	-924.58	-1,508.53	1,877.52	1,867.79	9.73	192.937		
1,300.00	1,290.17	1,312.21	1,312.19	5.14	4.35	158.79	-924.06	-1,509.20	1,893.03	1,882.97	10.05	188.335		
1,400.00	1,388.84	1,416.30	1,416.28	5.43	4.48	158.99	-923.66	-1,509.57	1,908.33	1,897.91	10.42	183.145		
1,500.00	1,487.51	1,507.01	1,506.98	5.73	4.61	159.17	-923.32	-1,510.02	1,923.79	1,913.00	10.79	178.270		
1,600.00	1,586.18	1,603.14	1,603.12	6.03	4.75	159.36	-922.90	-1,510.81	1,939.53	1,928.35	11.18	173.503		
1,700.00	1,684.85	1,697.25	1,697.22	6.34	4.89	159.54	-922.48	-1,511.79	1,955.46	1,943.88	11.58	168.832		
1,800.00	1,783.52	1,797.27	1,797.23	6.66	5.06	159.73	-922.16	-1,512.85	1,971.49	1,959.48	12.01	164.144		
1,900.00	1,882.18	1,899.55	1,899.51	6.84	5.24	159.92	-921.97	-1,513.69	1,987.41	1,975.28	12.13	163.869		
2,000.00	1,980.85	2,000.39	2,000.35	6.87	5.44	160.10	-921.60	-1,514.45	2,003.19	1,990.84	12.35	162.234		
2,100.00	2,079.52	2,096.25	2,096.20	6.93	5.65	160.28	-921.04	-1,515.29	2,019.00	2,006.41	12.59	160.390		
2,200.00	2,178.19	2,193.97	2,193.91	6.99	5.86	160.45	-920.65	-1,516.15	2,034.92	2,022.07	12.85	158.357		
2,300.00	2,276.86	2,303.04	2,302.99	7.08	6.10	160.63	-920.56	-1,516.64	2,050.64	2,037.49	13.15	155.920		
2,400.00	2,375.53	2,391.34	2,391.29	7.17	6.27	160.76	-920.81	-1,516.87	2,066.36	2,052.97	13.40	154.261		
2,500.00	2,474.20	2,494.32	2,494.26	7.29	6.43	160.90	-921.41	-1,517.16	2,082.26	2,068.61	13.65	152.566		
2,600.00	2,572.86	2,604.72	2,604.66	7.41	6.58	161.05	-922.00	-1,516.98	2,097.77	2,083.86	13.90	150.912		
2,700.00	2,671.53	2,710.38	2,710.31	7.55	6.71	161.19	-922.18	-1,516.48	2,112.84	2,098.68	14.15	149.266		
2,800.00	2,770.20	2,788.22	2,788.16	7.70	6.85	161.30	-922.35	-1,516.44	2,128.30	2,113.89	14.42	147.634		
2,900.00	2,868.87	2,890.44	2,890.37	7.86	7.03	161.43	-922.95	-1,516.66	2,144.19	2,129.46	14.74	145.492		
3,000.00	2,967.54	2,985.40	2,985.34	8.03	7.19	161.54	-923.70	-1,516.67	2,160.00	2,144.94	15.06	143.472		
3,100.00	3,066.21	3,077.38	3,077.31	8.21	7.37	161.65	-924.56	-1,516.86	2,176.06	2,160.67	15.39	141.379		
3,200.00	3,164.88	3,177.49	3,177.41	8.40	7.57	161.76	-925.74	-1,517.15	2,192.30	2,176.54	15.76	139.086		
3,300.00	3,263.54	3,281.68	3,281.60	8.60	7.78	161.87	-927.06	-1,517.16	2,208.35	2,192.20	16.15	136.732		
3,400.00	3,362.21	3,386.34	3,386.24	8.81	7.99	161.98	-928.35	-1,516.88	2,224.14	2,207.60	16.55	134.409		
3,500.00	3,460.88	3,486.85	3,486.75	9.02	8.19	162.08	-929.52	-1,516.42	2,239.76	2,222.81	16.95	132.176		
3,600.00	3,559.55	3,584.85	3,584.74	9.24	8.39	162.18	-930.49	-1,516.05	2,255.36	2,238.01	17.35	129.977		
3,700.00	3,658.22	3,679.17	3,679.06	9.47	8.61	162.28	-931.25	-1,515.90	2,271.07	2,253.30	17.77	127.786		
3,800.00	3,756.89	3,783.25	3,783.14	9.70	8.85	162.40	-931.68	-1,515.96	2,286.83	2,268.60	18.23	125.454		
3,900.00	3,855.56	3,870.88	3,870.76	9.94	9.05	162.50	-931.90	-1,516.09	2,302.60	2,283.96	18.65	123.479		
4,000.00	3,954.22	3,970.02	3,969.90	10.19	9.28	162.63	-932.02	-1,516.76	2,318.79	2,299.69	19.10	121.388		
4,100.00	4,052.89	4,073.90	4,073.78	10.44	9.52	162.76	-932.07	-1,517.19	2,334.73	2,315.15	19.58	119.229		
4,200.00	4,151.56	4,176.08	4,175.96	10.69	9.78	162.88	-932.16	-1,517.41	2,350.51	2,330.44	20.07	117.107		
4,300.00	4,250.23	4,271.28	4,271.16	10.95	10.02	162.99	-932.25	-1,517.57	2,366.26	2,345.71	20.55	115.132		
4,400.00	4,348.90	4,362.46	4,362.34	11.21	10.26	163.09	-932.67	-1,517.84	2,382.30	2,361.27	21.03	113.276		
4,500.00	4,447.57	4,466.39	4,466.26	11.48	10.53	163.20	-933.43	-1,518.03	2,398.36	2,376.82	21.55	111.314		
4,600.00	4,546.24	4,562.16	4,562.03	11.75	10.77	163.29	-934.06	-1,518.16	2,414.35	2,392.30	22.04	109.524		
4,700.00	4,644.90	4,659.99	4,659.86	12.02	11.03	163.39	-934.88	-1,518.38	2,430.51	2,407.95	22.56	107.755		
4,800.00	4,743.57	4,754.42	4,754.29	12.30	11.29	163.48	-935.50	-1,518.67	2,446.67	2,423.60	23.06	106.084		
4,900.00	4,842.24	4,852.28	4,852.14	12.58	11.53	163.59	-935.77	-1,519.41	2,463.08	2,439.51	23.57	104.506		
5,000.00	4,940.91	4,951.65	4,951.51	12.86	11.76	163.71	-935.42	-1,520.30	2,479.35	2,455.29	24.06	103.065		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	5,039.58	5,048.49	5,048.34	13.14	11.98	163.83	-935.07	-1,521.28	2,495.74	2,471.20	24.54	101.697	
7,300.00	7,086.52	7,084.49	7,084.26	17.76	17.27	-49.11	-943.24	-1,531.37	2,427.14	2,392.89	34.25	70.860	
7,400.00	7,124.46	7,123.80	7,123.55	17.95	17.38	-60.01	-943.79	-1,531.63	2,346.45	2,312.00	34.45	68.114	
7,500.00	7,147.48	7,147.44	7,147.20	18.24	17.45	-73.75	-944.10	-1,531.79	2,262.08	2,227.43	34.65	65.281	
7,600.00	7,155.01	7,155.68	7,155.44	18.62	17.48	-88.88	-944.21	-1,531.85	2,176.30	2,141.43	34.87	62.410	
7,700.00	7,154.20	7,155.58	7,155.34	19.12	17.48	-89.37	-944.21	-1,531.85	2,091.19	2,056.05	35.14	59.517	
7,800.00	7,153.37	7,155.47	7,155.22	19.75	17.47	-89.36	-944.21	-1,531.85	2,007.46	1,971.97	35.48	56.576	
7,900.00	7,152.55	7,155.36	7,155.11	20.50	17.47	-89.36	-944.20	-1,531.85	1,925.27	1,889.35	35.92	53.592	
8,000.00	7,151.73	7,155.24	7,155.00	21.36	17.47	-89.35	-944.20	-1,531.85	1,844.85	1,808.38	36.48	50.578	
8,100.00	7,150.90	7,155.13	7,154.89	22.30	17.47	-89.35	-944.20	-1,531.85	1,766.43	1,729.28	37.15	47.551	
8,200.00	7,150.08	7,155.02	7,154.77	23.33	17.47	-89.34	-944.20	-1,531.84	1,690.29	1,652.33	37.96	44.533	
8,300.00	7,149.25	7,154.90	7,154.66	24.43	17.47	-89.34	-944.20	-1,531.84	1,616.75	1,577.84	38.91	41.550	
8,400.00	7,148.43	7,154.79	7,154.54	25.59	17.47	-89.33	-944.20	-1,531.84	1,546.18	1,506.16	40.02	38.633	
8,500.00	7,147.60	7,154.68	7,154.43	26.81	17.47	-89.32	-944.20	-1,531.84	1,479.01	1,437.72	41.30	35.814	
8,600.00	7,146.78	7,154.56	7,154.32	28.07	17.47	-89.32	-944.19	-1,531.84	1,415.73	1,372.99	42.74	33.128	
8,700.00	7,145.96	7,154.45	7,154.20	29.38	17.47	-89.31	-944.19	-1,531.84	1,356.87	1,312.53	44.33	30.606	
8,800.00	7,145.13	7,154.33	7,154.08	30.72	17.47	-89.31	-944.19	-1,531.84	1,303.03	1,256.95	46.08	28.280	
8,900.00	7,144.31	7,154.21	7,153.97	32.09	17.47	-89.30	-944.19	-1,531.84	1,254.87	1,206.93	47.94	26.177	
9,000.00	7,143.48	7,154.10	7,153.85	33.49	17.47	-89.29	-944.19	-1,531.84	1,213.05	1,163.17	49.88	24.319	
9,100.00	7,142.66	7,153.98	7,153.74	34.92	17.47	-89.29	-944.19	-1,531.84	1,178.26	1,126.40	51.86	22.722	
9,200.00	7,141.83	7,153.87	7,153.62	36.36	17.47	-89.28	-944.19	-1,531.84	1,151.13	1,097.33	53.80	21.397	
9,300.00	7,141.01	7,153.75	7,153.50	37.83	17.47	-89.28	-944.18	-1,531.84	1,132.21	1,076.56	55.64	20.347	
9,400.00	7,140.18	7,153.63	7,153.38	39.31	17.47	-89.27	-944.18	-1,531.83	1,121.91	1,064.59	57.32	19.571	
9,466.00	7,139.64	7,153.55	7,153.31	40.29	17.47	-89.27	-944.18	-1,531.83	1,119.97	1,061.66	58.32	19.206 CC, ES	
9,500.00	7,139.36	7,153.51	7,153.27	40.80	17.47	-89.26	-944.18	-1,531.83	1,120.49	1,061.71	58.78	19.062	
9,600.00	7,138.54	7,153.39	7,153.15	42.31	17.47	-89.26	-944.18	-1,531.83	1,127.96	1,067.99	59.97	18.809	
9,700.00	7,137.71	7,153.28	7,153.03	43.84	17.47	-89.25	-944.18	-1,531.83	1,144.16	1,083.29	60.87	18.797 SF	
9,800.00	7,136.89	7,153.16	7,152.91	45.37	17.47	-89.25	-944.18	-1,531.83	1,168.71	1,107.24	61.48	19.010	
9,900.00	7,136.06	7,153.04	7,152.79	46.91	17.47	-89.24	-944.18	-1,531.83	1,201.12	1,139.30	61.82	19.429	
10,000.00	7,135.24	7,152.92	7,152.67	48.46	17.47	-89.23	-944.17	-1,531.83	1,240.76	1,178.84	61.93	20.035	
10,100.00	7,134.41	7,152.80	7,152.55	50.02	17.47	-89.23	-944.17	-1,531.83	1,286.97	1,225.13	61.84	20.812	
10,200.00	7,133.59	7,152.68	7,152.43	51.59	17.47	-89.22	-944.17	-1,531.83	1,339.07	1,277.47	61.59	21.740	
10,300.00	7,132.76	7,152.55	7,152.31	53.16	17.47	-89.22	-944.17	-1,531.83	1,396.39	1,335.15	61.23	22.804	
10,400.00	7,131.94	7,152.43	7,152.19	54.74	17.47	-89.21	-944.17	-1,531.83	1,458.32	1,397.53	60.79	23.989	
10,500.00	7,131.12	7,152.31	7,152.07	56.32	17.47	-89.20	-944.17	-1,531.83	1,524.30	1,464.01	60.29	25.282	
10,600.00	7,130.29	7,152.19	7,151.94	57.91	17.47	-89.20	-944.16	-1,531.82	1,593.83	1,534.07	59.76	26.669	
10,700.00	7,129.47	7,152.07	7,151.82	59.51	17.46	-89.19	-944.16	-1,531.82	1,666.46	1,607.24	59.22	28.140	
10,800.00	7,128.64	7,151.94	7,151.70	61.11	17.46	-89.18	-944.16	-1,531.82	1,741.81	1,683.13	58.67	29.686	
10,900.00	7,127.82	7,151.82	7,151.58	62.71	17.46	-89.18	-944.16	-1,531.82	1,819.53	1,761.40	58.14	31.298	
11,000.00	7,126.99	7,151.70	7,151.45	64.32	17.46	-89.17	-944.16	-1,531.82	1,899.34	1,841.73	57.61	32.968	
11,100.00	7,126.17	7,151.57	7,151.33	65.93	17.46	-89.17	-944.16	-1,531.82	1,980.98	1,923.88	57.11	34.689	
11,200.00	7,125.34	7,151.45	7,151.20	67.54	17.46	-89.16	-944.15	-1,531.82	2,064.24	2,007.62	56.62	36.455	
11,300.00	7,124.52	7,151.32	7,151.08	69.16	17.46	-89.15	-944.15	-1,531.82	2,148.93	2,092.77	56.16	38.262	
11,400.00	7,123.70	7,151.20	7,150.95	70.78	17.46	-89.15	-944.15	-1,531.82	2,234.88	2,179.15	55.73	40.104	
11,500.00	7,122.87	7,151.07	7,150.83	72.40	17.46	-89.14	-944.15	-1,531.82	2,321.96	2,266.65	55.32	41.977	
11,600.00	7,122.05	7,150.95	7,150.70	74.02	17.46	-89.13	-944.15	-1,531.82	2,410.04	2,355.12	54.93	43.878	
11,700.00	7,121.22	7,150.82	7,150.57	75.65	17.46	-89.13	-944.15	-1,531.81	2,499.02	2,444.46	54.56	45.803	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
13,200.00	7,108.86	11,536.00	7,130.82	100.23	105.58	139.18	204.21	-7,732.52	2,468.32	2,343.48	124.84	19.772	
13,300.00	7,108.03	11,536.00	7,130.82	101.88	105.58	139.18	204.21	-7,732.52	2,368.33	2,243.38	124.95	18.954	
13,400.00	7,107.21	11,536.00	7,130.82	103.53	105.58	139.18	204.21	-7,732.52	2,268.34	2,143.27	125.07	18.136	
13,500.00	7,106.38	11,536.00	7,130.82	105.18	105.58	139.18	204.21	-7,732.52	2,168.35	2,043.15	125.19	17.320	
13,600.00	7,105.56	11,536.00	7,130.82	106.83	105.58	139.18	204.21	-7,732.52	2,068.36	1,943.04	125.32	16.505	
13,700.00	7,104.73	11,536.00	7,130.82	108.49	105.58	139.18	204.21	-7,732.52	1,968.37	1,842.92	125.45	15.691	
13,800.00	7,103.91	11,536.00	7,130.82	110.14	105.58	139.18	204.21	-7,732.52	1,868.38	1,742.81	125.58	14.878	
13,900.00	7,103.09	11,536.00	7,130.82	111.79	105.58	139.18	204.21	-7,732.52	1,768.40	1,642.69	125.71	14.067	
14,000.00	7,102.26	11,536.00	7,130.82	113.44	105.58	139.18	204.21	-7,732.52	1,668.41	1,542.56	125.85	13.257	
14,100.00	7,101.44	11,538.95	7,130.81	115.10	105.64	135.26	207.17	-7,732.47	1,568.43	1,442.35	126.08	12.440	
14,200.00	7,100.61	11,537.49	7,130.81	116.75	105.61	137.14	205.70	-7,732.50	1,468.45	1,342.26	126.19	11.637	
14,300.00	7,099.79	11,536.02	7,130.82	118.41	105.58	139.15	204.24	-7,732.52	1,368.48	1,242.17	126.31	10.834	
14,400.00	7,098.96	11,534.56	7,130.83	120.07	105.55	141.28	202.77	-7,732.54	1,268.50	1,142.07	126.43	10.033	
14,500.00	7,098.14	11,533.09	7,130.84	121.72	105.51	143.55	201.31	-7,732.57	1,168.53	1,041.97	126.56	9.233	
14,600.00	7,097.31	11,531.63	7,130.84	123.38	105.48	145.96	199.84	-7,732.59	1,068.56	941.86	126.70	8.434	
14,700.00	7,096.49	11,530.16	7,130.85	125.04	105.45	148.51	198.37	-7,732.61	968.60	841.74	126.86	7.635	
14,800.00	7,095.67	11,528.69	7,130.86	126.70	105.42	151.21	196.91	-7,732.64	868.65	741.62	127.03	6.838	
14,900.00	7,094.84	11,527.23	7,130.87	128.35	105.39	154.05	195.44	-7,732.66	768.70	641.47	127.22	6.042	
15,000.00	7,094.02	11,525.76	7,130.87	130.01	105.35	157.03	193.98	-7,732.69	668.76	541.31	127.45	5.247	
15,100.00	7,093.19	11,524.30	7,130.88	131.67	105.32	160.15	192.51	-7,732.71	568.84	441.11	127.74	4.453	
15,101.99	7,093.18	11,524.27	7,130.88	131.71	105.32	160.22	192.48	-7,732.71	566.86	439.11	127.74	4.437	CC, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	18.00	18.00	3.28	3.28	3.56	2,310.81	143.72	2,315.27					
100.00	100.00	118.00	118.00	3.28	3.28	3.56	2,310.81	143.72	2,315.27	2,307.85	7.42	312.007		
200.00	200.00	228.29	228.29	3.31	3.31	3.56	2,310.74	143.75	2,315.23	2,307.76	7.47	309.921		
300.00	300.00	385.43	385.39	3.35	3.39	-77.45	2,308.03	144.86	2,313.46	2,305.87	7.59	304.915		
400.00	399.93	542.25	542.05	3.41	3.52	-77.60	2,301.35	147.59	2,308.56	2,300.79	7.77	297.077		
500.00	499.68	698.46	697.83	3.50	3.71	-77.90	2,290.75	151.92	2,300.46	2,292.43	8.03	286.552		
600.00	599.13	853.73	852.32	3.61	3.99	-78.35	2,276.32	157.81	2,289.20	2,280.84	8.36	273.831		
700.00	698.15	1,007.77	1,005.09	3.76	4.35	-78.96	2,258.19	165.23	2,274.86	2,266.10	8.77	259.522		
800.00	796.83	1,160.51	1,156.02	3.93	4.80	-79.39	2,236.46	174.11	2,257.74	2,248.49	9.24	244.218		
900.00	895.50	1,312.19	1,305.21	4.14	5.34	-79.73	2,211.20	184.43	2,238.28	2,228.50	9.79	228.714		
1,000.00	994.17	1,462.61	1,452.41	4.36	5.98	-80.03	2,182.55	196.14	2,216.52	2,206.13	10.39	213.372		
1,100.00	1,092.84	1,611.58	1,597.34	4.61	6.71	-80.29	2,150.66	209.17	2,192.47	2,181.43	11.04	198.606		
1,200.00	1,191.50	1,720.73	1,703.05	4.87	7.31	-80.47	2,125.50	219.46	2,166.81	2,155.18	11.63	186.260		
1,300.00	1,290.17	1,817.19	1,796.45	5.14	7.86	-80.63	2,103.18	228.58	2,141.10	2,128.88	12.22	175.265		
1,400.00	1,388.84	1,913.66	1,889.85	5.43	8.41	-80.79	2,080.85	237.71	2,115.40	2,102.58	12.82	165.034		
1,500.00	1,487.51	2,010.12	1,983.25	5.73	8.98	-80.96	2,058.52	246.83	2,089.72	2,076.28	13.44	155.539		
1,600.00	1,586.18	2,106.59	2,076.66	6.03	9.56	-81.13	2,036.19	255.96	2,064.05	2,049.99	14.07	146.741		
1,700.00	1,684.85	2,203.05	2,170.06	6.34	10.14	-81.30	2,013.87	265.08	2,038.40	2,023.70	14.71	138.594		
1,800.00	1,783.52	2,299.52	2,263.46	6.66	10.73	-81.48	1,991.54	274.21	2,012.77	1,997.42	15.36	131.049		
1,900.00	1,882.18	2,404.02	2,356.86	6.84	11.37	-81.66	1,969.21	283.33	1,987.16	1,971.47	15.70	126.590		
2,000.00	1,980.85	2,507.55	2,450.26	6.87	12.01	-81.85	1,946.88	292.46	1,961.57	1,945.46	16.11	121.753		
2,100.00	2,079.52	2,588.91	2,543.66	6.93	12.52	-82.05	1,924.56	301.58	1,936.00	1,919.54	16.46	117.629		
2,200.00	2,178.19	2,685.38	2,637.06	6.99	13.13	-82.24	1,902.23	310.71	1,910.45	1,893.57	16.88	113.192		
2,300.00	2,276.86	2,781.84	2,730.46	7.08	13.73	-82.45	1,879.90	319.84	1,884.92	1,867.61	17.31	108.876		
2,400.00	2,375.53	2,878.31	2,823.86	7.17	14.34	-82.66	1,857.57	328.96	1,859.42	1,841.66	17.76	104.689		
2,500.00	2,474.20	2,974.77	2,917.26	7.29	14.95	-82.87	1,835.25	338.09	1,833.94	1,815.72	18.22	100.637		
2,600.00	2,572.86	3,071.24	3,010.66	7.41	15.57	-83.09	1,812.92	347.21	1,808.48	1,789.79	18.70	96.722		
2,700.00	2,671.53	3,167.70	3,104.06	7.55	16.18	-83.32	1,790.59	356.34	1,783.05	1,763.87	19.18	92.946		
2,800.00	2,770.20	3,264.17	3,197.47	7.70	16.80	-83.56	1,768.26	365.46	1,757.65	1,737.97	19.68	89.310		
2,900.00	2,868.87	3,360.63	3,290.87	7.86	17.42	-83.80	1,745.94	374.59	1,732.28	1,712.09	20.19	85.812		
3,000.00	2,967.54	3,457.10	3,384.27	8.03	18.04	-84.05	1,723.61	383.71	1,706.93	1,686.23	20.70	82.452		
3,100.00	3,066.21	3,553.56	3,477.67	8.21	18.66	-84.30	1,701.28	392.84	1,681.62	1,660.40	21.23	79.226		
3,200.00	3,164.88	3,650.03	3,571.07	8.40	19.28	-84.56	1,678.95	401.96	1,656.34	1,634.58	21.76	76.131		
3,300.00	3,263.54	3,746.49	3,664.47	8.60	19.90	-84.84	1,656.63	411.09	1,631.09	1,608.80	22.29	73.164		
3,400.00	3,362.21	3,842.96	3,757.87	8.81	20.52	-85.12	1,634.30	420.22	1,605.88	1,583.05	22.84	70.320		
3,500.00	3,460.88	3,939.42	3,851.27	9.02	21.15	-85.40	1,611.97	429.34	1,580.71	1,557.32	23.38	67.595		
3,600.00	3,559.55	4,035.89	3,944.67	9.24	21.77	-85.70	1,589.64	438.47	1,555.57	1,531.64	23.94	64.984		
3,700.00	3,658.22	4,132.35	4,038.07	9.47	22.40	-86.01	1,567.32	447.59	1,530.48	1,505.99	24.49	62.483		
3,800.00	3,756.89	4,228.82	4,131.47	9.70	23.02	-86.33	1,544.99	456.72	1,505.43	1,480.38	25.05	60.087		
3,900.00	3,855.56	4,325.28	4,224.88	9.94	23.65	-86.66	1,522.66	465.84	1,480.42	1,454.81	25.62	57.792		
4,000.00	3,954.22	4,421.75	4,318.28	10.19	24.27	-87.00	1,500.33	474.97	1,455.47	1,429.28	26.18	55.592		
4,100.00	4,052.89	4,518.21	4,411.68	10.44	24.90	-87.35	1,478.01	484.09	1,430.56	1,403.81	26.75	53.484		
4,200.00	4,151.56	4,614.68	4,505.08	10.69	25.53	-87.71	1,455.68	493.22	1,405.70	1,378.39	27.32	51.462		
4,300.00	4,250.23	4,711.14	4,598.48	10.95	26.15	-88.09	1,433.35	502.35	1,380.90	1,353.02	27.88	49.524		
4,400.00	4,348.90	4,807.61	4,691.88	11.21	26.78	-88.48	1,411.02	511.47	1,356.16	1,327.71	28.45	47.664		
4,500.00	4,447.57	4,904.07	4,785.28	11.48	27.41	-88.88	1,388.70	520.60	1,331.48	1,302.46	29.02	45.879		
4,600.00	4,546.24	5,000.54	4,878.68	11.75	28.04	-89.30	1,366.37	529.72	1,306.87	1,277.28	29.59	44.165		
4,700.00	4,644.90	5,097.00	4,972.08	12.02	28.67	-89.74	1,344.04	538.85	1,282.32	1,252.16	30.16	42.519		
4,800.00	4,743.57	5,188.30	5,060.48	12.30	29.25	-90.17	1,322.94	547.47	1,257.90	1,227.19	30.71	40.959		
4,900.00	4,842.24	5,261.83	5,131.92	12.58	29.58	-90.54	1,306.84	554.05	1,234.80	1,203.62	31.18	39.603		
5,000.00	4,940.91	5,335.92	5,204.24	12.86	29.88	-90.93	1,291.91	560.15	1,213.61	1,181.98	31.63	38.364		
5,100.00	5,039.58	5,410.51	5,277.34	13.14	30.18	-91.36	1,278.19	565.76	1,194.36	1,162.29	32.08	37.236		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
5,200.00	5,138.25	5,485.56	5,351.17	13.43	30.45	-91.82	1,265.72	570.86	1,177.10	1,144.59	32.50	36.215		
5,300.00	5,236.92	5,561.00	5,425.64	13.71	30.70	-92.31	1,254.54	575.43	1,161.84	1,128.93	32.92	35.296		
5,400.00	5,335.58	5,636.78	5,500.67	14.00	30.93	-92.82	1,244.68	579.46	1,148.64	1,115.32	33.32	34.476		
5,500.00	5,434.25	5,712.85	5,576.17	14.30	31.15	-93.36	1,236.18	582.93	1,137.51	1,103.80	33.71	33.748		
5,600.00	5,532.92	5,789.13	5,652.07	14.59	31.34	-93.92	1,229.05	585.85	1,128.48	1,094.40	34.08	33.112		
5,700.00	5,631.59	5,865.59	5,728.27	14.88	31.51	-94.50	1,223.31	588.19	1,121.59	1,087.15	34.44	32.564		
5,800.00	5,730.26	5,942.14	5,804.68	15.18	31.65	-95.10	1,218.98	589.96	1,116.85	1,082.06	34.79	32.099		
5,900.00	5,828.93	6,018.73	5,881.21	15.48	31.78	-95.72	1,216.07	591.15	1,114.29	1,079.15	35.13	31.715		
5,967.44	5,895.47	6,070.38	5,932.84	15.68	31.85	-96.14	1,214.91	591.62	1,113.79	1,078.43	35.36	31.500		
6,000.00	5,927.60	6,095.31	5,957.76	15.78	31.89	-96.34	1,214.58	591.76	1,113.91	1,078.44	35.47	31.408		
6,100.00	6,026.27	6,181.81	6,044.27	16.08	32.00	-97.06	1,214.37	591.85	1,115.52	1,079.67	35.85	31.118		
6,200.00	6,124.93	6,280.48	6,142.93	16.38	32.12	-97.88	1,214.37	591.85	1,117.66	1,081.37	36.29	30.797		
6,300.00	6,223.60	6,379.15	6,241.60	16.68	32.25	-98.69	1,214.37	591.85	1,120.03	1,083.29	36.74	30.484		
6,400.00	6,322.27	6,477.82	6,340.27	16.99	32.37	-99.50	1,214.37	591.85	1,122.64	1,085.44	37.20	30.178		
6,500.00	6,420.94	6,576.49	6,438.94	17.29	32.50	-99.90	1,214.37	591.85	1,125.47	1,087.80	37.66	29.881		
6,600.00	6,520.52	6,676.07	6,538.52	17.48	32.63	-13.38	1,214.37	591.85	1,125.57	1,087.52	38.05	29.583		
6,700.00	6,620.05	6,775.60	6,638.05	17.60	32.75	61.57	1,214.37	591.85	1,120.38	1,081.99	38.39	29.185		
6,800.00	6,717.09	6,832.32	6,694.61	17.66	32.79	67.21	1,214.33	587.51	1,112.36	1,073.89	38.47	28.913		
6,900.00	6,809.23	6,900.00	6,761.28	17.68	32.82	70.28	1,214.22	576.08	1,102.81	1,064.25	38.57	28.594		
7,000.00	6,894.22	6,960.41	6,819.47	17.66	32.80	72.79	1,214.08	559.94	1,092.18	1,053.56	38.61	28.284		
7,100.00	6,969.97	7,025.81	6,880.44	17.65	32.77	75.30	1,213.86	536.34	1,080.99	1,042.26	38.73	27.911		
7,200.00	7,034.59	7,092.50	6,939.78	17.67	32.72	77.88	1,213.59	505.97	1,069.85	1,030.92	38.94	27.476		
7,300.00	7,086.52	7,160.86	6,996.95	17.76	32.63	80.54	1,213.25	468.58	1,059.41	1,020.11	39.31	26.952		
7,400.00	7,124.46	7,231.36	7,051.39	17.95	32.54	83.25	1,212.84	423.83	1,050.36	1,010.50	39.86	26.352		
7,500.00	7,147.48	7,304.69	7,102.38	18.24	32.44	85.98	1,212.36	371.20	1,043.41	1,002.82	40.59	25.706		
7,600.00	7,155.01	7,381.72	7,149.07	18.62	32.32	88.68	1,211.81	309.99	1,039.22	997.66	41.56	25.004		
7,700.00	7,154.20	7,467.51	7,191.94	19.12	32.19	91.09	1,211.13	235.76	1,038.01	995.23	42.78	24.263		
7,705.84	7,154.15	7,472.94	7,194.31	19.16	32.18	91.22	1,211.09	230.87	1,038.01	995.15	42.86	24.218		
7,800.00	7,153.37	7,566.57	7,228.51	19.75	32.06	93.15	1,210.30	143.80	1,038.46	994.07	44.39	23.392		
7,900.00	7,152.55	7,676.46	7,251.86	20.50	31.96	94.49	1,209.32	36.57	1,038.93	992.34	46.59	22.300		
8,000.00	7,151.73	7,788.22	7,256.75	21.36	31.99	94.81	1,208.31	-74.97	1,038.30	988.97	49.33	21.047		
8,100.00	7,150.90	7,888.22	7,255.51	22.30	32.34	94.80	1,207.40	-174.95	1,037.23	984.91	52.32	19.826		
8,200.00	7,150.08	7,988.21	7,254.27	23.33	33.48	94.78	1,206.50	-274.93	1,036.15	980.54	55.61	18.632		
8,300.00	7,149.25	8,088.21	7,253.03	24.43	35.48	94.76	1,205.59	-374.91	1,035.08	975.91	59.17	17.492		
8,400.00	7,148.43	8,188.20	7,251.79	25.59	37.92	94.74	1,204.68	-474.90	1,034.01	971.05	62.95	16.425		
8,500.00	7,147.60	8,288.19	7,250.55	26.81	40.58	94.72	1,203.77	-574.88	1,032.93	966.02	66.91	15.438		
8,600.00	7,146.78	8,388.19	7,249.31	28.07	43.37	94.70	1,202.86	-674.86	1,031.86	960.84	71.01	14.530		
8,700.00	7,145.96	8,488.18	7,248.07	29.38	46.26	94.69	1,201.96	-774.84	1,030.78	955.54	75.24	13.700		
8,800.00	7,145.13	8,588.17	7,246.83	30.72	49.22	94.67	1,201.05	-874.82	1,029.71	950.14	79.57	12.941		
8,900.00	7,144.31	8,688.17	7,245.60	32.09	52.24	94.65	1,200.14	-974.81	1,028.64	944.65	83.99	12.248		
9,000.00	7,143.48	8,788.16	7,244.36	33.49	55.32	94.63	1,199.23	-1,074.79	1,027.56	939.09	88.47	11.614		
9,100.00	7,142.66	8,888.15	7,243.12	34.92	58.43	94.61	1,198.32	-1,174.77	1,026.49	933.46	93.03	11.034		
9,200.00	7,141.83	8,988.15	7,241.88	36.36	61.57	94.59	1,197.42	-1,274.75	1,025.42	927.79	97.63	10.503		
9,300.00	7,141.01	9,088.14	7,240.64	37.83	64.75	94.58	1,196.51	-1,374.73	1,024.34	922.06	102.29	10.015		
9,400.00	7,140.18	9,188.14	7,239.40	39.31	67.95	94.56	1,195.60	-1,474.71	1,023.27	916.29	106.98	9.565		
9,500.00	7,139.36	9,288.13	7,238.16	40.80	71.17	94.54	1,194.69	-1,574.70	1,022.20	910.49	111.71	9.151		
9,600.00	7,138.54	9,388.12	7,236.92	42.31	74.41	94.52	1,193.78	-1,674.68	1,021.13	904.66	116.47	8.768		
9,700.00	7,137.71	9,488.12	7,235.68	43.84	77.67	94.50	1,192.88	-1,774.66	1,020.05	898.80	121.25	8.413		
9,800.00	7,136.89	9,588.11	7,234.44	45.37	80.94	94.48	1,191.97	-1,874.64	1,018.98	892.91	126.07	8.083		
9,900.00	7,136.06	9,688.10	7,233.21	46.91	84.23	94.46	1,191.06	-1,974.62	1,017.91	887.01	130.90	7.776		
10,000.00	7,135.24	9,788.10	7,231.97	48.46	87.52	94.45	1,190.15	-2,074.61	1,016.84	881.08	135.75	7.490		
10,100.00	7,134.41	9,888.09	7,230.73	50.02	90.83	94.43	1,189.24	-2,174.59	1,015.76	875.14	140.63	7.223		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,133.59	9,988.09	7,229.49	51.59	94.15	94.41	1,188.34	-2,274.57	1,014.69	869.18	145.51	6.973		
10,300.00	7,132.76	10,088.08	7,228.25	53.16	97.47	94.39	1,187.43	-2,374.55	1,013.62	863.21	150.41	6.739		
10,400.00	7,131.94	10,188.07	7,227.01	54.74	100.80	94.37	1,186.52	-2,474.53	1,012.55	857.22	155.33	6.519		
10,500.00	7,131.12	10,288.07	7,225.77	56.32	104.14	94.35	1,185.61	-2,574.52	1,011.48	851.22	160.26	6.312		
10,600.00	7,130.29	10,388.06	7,224.53	57.91	107.49	94.33	1,184.70	-2,674.50	1,010.41	845.21	165.19	6.116		
10,700.00	7,129.47	10,488.05	7,223.29	59.51	110.84	94.31	1,183.80	-2,774.48	1,009.33	839.19	170.14	5.932		
10,800.00	7,128.64	10,588.05	7,222.05	61.11	114.19	94.29	1,182.89	-2,874.46	1,008.26	833.17	175.10	5.758		
10,900.00	7,127.82	10,688.04	7,220.81	62.71	117.55	94.28	1,181.98	-2,974.44	1,007.19	827.13	180.06	5.594		
11,000.00	7,126.99	10,788.04	7,219.58	64.32	120.92	94.26	1,181.07	-3,074.43	1,006.12	821.09	185.04	5.437		
11,100.00	7,126.17	10,888.03	7,218.34	65.93	124.29	94.24	1,180.16	-3,174.41	1,005.05	815.03	190.02	5.289		
11,200.00	7,125.34	10,988.02	7,217.10	67.54	127.66	94.22	1,179.26	-3,274.39	1,003.98	808.98	195.00	5.149		
11,300.00	7,124.52	11,088.02	7,215.86	69.16	131.04	94.20	1,178.35	-3,374.37	1,002.91	802.91	200.00	5.015		
11,400.00	7,123.70	11,188.01	7,214.62	70.78	134.42	94.18	1,177.44	-3,474.35	1,001.84	796.84	204.99	4.887		
11,500.00	7,122.87	11,288.00	7,213.38	72.40	137.80	94.16	1,176.53	-3,574.33	1,000.77	790.77	210.00	4.766		
11,600.00	7,122.05	11,388.00	7,212.14	74.02	141.18	94.14	1,175.62	-3,674.32	999.70	784.69	215.01	4.650		
11,700.00	7,121.22	11,487.99	7,210.90	75.65	144.57	94.12	1,174.72	-3,774.30	998.63	778.61	220.02	4.539		
11,800.00	7,120.40	11,587.98	7,209.66	77.28	147.96	94.10	1,173.81	-3,874.28	997.56	772.52	225.04	4.433		
11,900.00	7,119.57	11,687.98	7,208.42	78.91	151.35	94.08	1,172.90	-3,974.26	996.49	766.43	230.06	4.331		
12,000.00	7,118.75	11,787.97	7,207.18	80.54	154.75	94.06	1,171.99	-4,074.24	995.42	760.33	235.09	4.234		
12,100.00	7,117.92	11,887.97	7,205.95	82.17	158.15	94.04	1,171.08	-4,174.23	994.35	754.23	240.12	4.141		
12,200.00	7,117.10	11,987.96	7,204.71	83.81	161.54	94.02	1,170.18	-4,274.21	993.28	748.13	245.15	4.052		
12,300.00	7,116.28	12,087.95	7,203.47	85.44	164.94	94.00	1,169.27	-4,374.19	992.21	742.02	250.18	3.966		
12,400.00	7,115.45	12,187.95	7,202.23	87.08	168.34	93.98	1,168.36	-4,474.17	991.14	735.91	255.22	3.883		
12,500.00	7,114.63	12,287.94	7,200.99	88.72	171.75	93.96	1,167.45	-4,574.15	990.07	729.80	260.27	3.804		
12,600.00	7,113.80	12,387.93	7,199.75	90.36	175.15	93.94	1,166.54	-4,674.14	989.00	723.69	265.31	3.728		
12,700.00	7,112.98	12,487.93	7,198.51	92.01	178.56	93.93	1,165.64	-4,774.12	987.93	717.57	270.36	3.654		
12,800.00	7,112.15	12,587.92	7,197.27	93.65	181.97	93.91	1,164.73	-4,874.10	986.86	711.45	275.41	3.583		
12,900.00	7,111.33	12,687.92	7,196.03	95.29	185.37	93.89	1,163.82	-4,974.08	985.79	705.33	280.46	3.515		
13,000.00	7,110.50	12,787.91	7,194.79	96.94	188.78	93.87	1,162.91	-5,074.06	984.72	699.21	285.51	3.449		
13,100.00	7,109.68	12,887.90	7,193.55	98.59	192.19	93.85	1,162.00	-5,174.05	983.65	693.08	290.57	3.385		
13,200.00	7,108.86	12,987.90	7,192.32	100.23	195.61	93.83	1,161.09	-5,274.03	982.59	686.96	295.63	3.324		
13,300.00	7,108.03	13,087.89	7,191.08	101.88	199.02	93.81	1,160.19	-5,374.01	981.52	680.83	300.69	3.264		
13,400.00	7,107.21	13,187.88	7,189.84	103.53	202.43	93.79	1,159.28	-5,473.99	980.45	674.70	305.75	3.207		
13,500.00	7,106.38	13,287.88	7,188.60	105.18	205.85	93.76	1,158.37	-5,573.97	979.38	668.56	310.82	3.151		
13,600.00	7,105.56	13,387.87	7,187.36	106.83	209.26	93.74	1,157.46	-5,673.95	978.31	662.43	315.88	3.097		
13,700.00	7,104.73	13,487.87	7,186.12	108.49	212.68	93.72	1,156.55	-5,773.94	977.24	656.29	320.95	3.045		
13,800.00	7,103.91	13,587.86	7,184.88	110.14	216.09	93.70	1,155.65	-5,873.92	976.18	650.16	326.02	2.994		
13,900.00	7,103.09	13,687.85	7,183.64	111.79	219.51	93.68	1,154.74	-5,973.90	975.11	644.02	331.09	2.945		
14,000.00	7,102.26	13,787.85	7,182.40	113.44	222.93	93.66	1,153.83	-6,073.88	974.04	637.88	336.16	2.898		
14,100.00	7,101.44	13,887.84	7,181.16	115.10	226.35	93.64	1,152.92	-6,173.86	972.97	631.74	341.24	2.851		
14,200.00	7,100.61	13,987.83	7,179.92	116.75	229.77	93.62	1,152.01	-6,273.85	971.91	625.60	346.31	2.806		
14,300.00	7,099.79	14,087.83	7,178.69	118.41	233.19	93.60	1,151.11	-6,373.83	970.84	619.45	351.39	2.763		
14,400.00	7,098.96	14,187.82	7,177.45	120.07	236.61	93.58	1,150.20	-6,473.81	969.77	613.31	356.46	2.721		
14,500.00	7,098.14	14,287.81	7,176.21	121.72	240.03	93.56	1,149.29	-6,573.79	968.71	607.16	361.54	2.679		
14,600.00	7,097.31	14,387.81	7,174.97	123.38	243.45	93.54	1,148.38	-6,673.77	967.64	601.02	366.62	2.639		
14,700.00	7,096.49	14,487.80	7,173.73	125.04	246.88	93.52	1,147.47	-6,773.76	966.57	594.87	371.70	2.600		
14,800.00	7,095.67	14,587.80	7,172.49	126.70	250.30	93.50	1,146.57	-6,873.74	965.51	588.72	376.78	2.562		
14,900.00	7,094.84	14,687.79	7,171.25	128.35	253.72	93.48	1,145.66	-6,973.72	964.44	582.57	381.87	2.526		
15,000.00	7,094.02	14,787.78	7,170.01	130.01	257.15	93.46	1,144.75	-7,073.70	963.37	576.42	386.95	2.490		
15,100.00	7,093.19	14,887.78	7,168.77	131.67	260.57	93.44	1,143.84	-7,173.68	962.31	570.27	392.03	2.455		
15,101.99	7,093.18	14,889.77	7,168.75	131.71	260.64	93.44	1,143.82	-7,175.67	962.29	570.15	392.14	2.454	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
11,100.00	7,126.17	7,431.95	7,136.00	65.93	44.51	94.80	319.65	-5,566.93	2,406.74	2,359.46	47.27	50.911	
11,200.00	7,125.34	7,431.60	7,135.65	67.54	44.51	94.66	319.66	-5,566.93	2,306.91	2,259.58	47.33	48.737	
11,300.00	7,124.52	7,431.25	7,135.30	69.16	44.51	94.52	319.66	-5,566.93	2,207.10	2,159.70	47.40	46.563	
11,400.00	7,123.70	7,430.90	7,134.95	70.78	44.51	94.37	319.67	-5,566.93	2,107.31	2,059.84	47.47	44.390	
11,500.00	7,122.87	7,430.55	7,134.61	72.40	44.51	94.23	319.68	-5,566.92	2,007.54	1,959.98	47.55	42.218	
11,600.00	7,122.05	7,430.21	7,134.27	74.02	44.51	94.09	319.69	-5,566.92	1,907.79	1,860.15	47.64	40.046	
11,700.00	7,121.22	7,429.87	7,133.93	75.65	44.51	93.95	319.70	-5,566.92	1,808.07	1,760.33	47.74	37.873	
11,800.00	7,120.40	7,429.53	7,133.59	77.28	44.51	93.81	319.71	-5,566.92	1,708.38	1,660.53	47.85	35.700	
11,900.00	7,119.57	7,429.19	7,133.25	78.91	44.51	93.67	319.72	-5,566.92	1,608.73	1,560.75	47.99	33.525	
12,000.00	7,118.75	7,428.86	7,132.92	80.54	44.51	93.53	319.73	-5,566.91	1,509.13	1,460.99	48.14	31.347	
12,100.00	7,117.92	7,428.53	7,132.58	82.17	44.51	93.40	319.74	-5,566.91	1,409.58	1,361.26	48.33	29.166	
12,200.00	7,117.10	7,428.19	7,132.25	83.81	44.51	93.26	319.75	-5,566.91	1,310.11	1,261.55	48.56	26.980	
12,300.00	7,116.28	7,427.86	7,131.92	85.44	44.51	93.12	319.76	-5,566.91	1,210.72	1,161.87	48.84	24.788	
12,400.00	7,115.45	7,427.54	7,131.59	87.08	44.51	92.99	319.77	-5,566.91	1,111.44	1,062.23	49.21	22.587	
12,500.00	7,114.63	7,427.21	7,131.27	88.72	44.51	92.85	319.77	-5,566.91	1,012.30	962.61	49.68	20.376	
12,600.00	7,113.80	7,426.89	7,130.94	90.36	44.51	92.72	319.78	-5,566.90	913.34	863.03	50.32	18.152	
12,700.00	7,112.98	7,426.56	7,130.62	92.01	44.51	92.59	319.79	-5,566.90	814.65	763.46	51.18	15.916	
12,800.00	7,112.15	7,426.24	7,130.30	93.65	44.51	92.45	319.80	-5,566.90	716.31	663.90	52.41	13.667	
12,900.00	7,111.33	7,425.92	7,129.98	95.29	44.51	92.32	319.81	-5,566.90	618.51	564.31	54.20	11.411	
13,000.00	7,110.50	7,425.61	7,129.66	96.94	44.50	92.19	319.82	-5,566.90	521.54	464.62	56.92	9.163	
13,100.00	7,109.68	7,425.29	7,129.35	98.59	44.50	92.06	319.83	-5,566.90	425.98	364.70	61.27	6.952	
13,200.00	7,108.86	7,424.98	7,129.03	100.23	44.50	91.93	319.83	-5,566.89	333.03	264.27	68.75	4.844	
13,300.00	7,108.03	7,424.66	7,128.72	101.88	44.50	91.80	319.84	-5,566.89	245.68	162.78	82.90	2.964	
13,400.00	7,107.21	7,424.35	7,128.41	103.53	44.50	91.67	319.85	-5,566.89	172.66	61.38	111.28	1.552	
13,500.00	7,106.38	7,424.04	7,128.10	105.18	44.50	91.55	319.86	-5,566.89	138.79	-6.37	145.16	0.956 Level 1	
13,502.74	7,106.36	7,424.04	7,128.09	105.23	44.50	91.54	319.86	-5,566.89	138.76	-6.80	145.56	0.953 Level 1, CC, ES, SF	
13,600.00	7,105.56	7,423.74	7,127.79	106.83	44.50	91.42	319.87	-5,566.89	169.45	35.80	133.65	1.268 Level 3	
13,700.00	7,104.73	7,423.43	7,127.49	108.49	44.50	91.29	319.88	-5,566.89	241.17	133.62	107.55	2.242	
13,800.00	7,103.91	7,423.13	7,127.19	110.14	44.50	91.17	319.88	-5,566.89	328.05	237.60	90.45	3.627	
13,900.00	7,103.09	7,422.82	7,126.88	111.79	44.50	91.04	319.89	-5,566.88	420.79	340.71	80.08	5.254	
14,000.00	7,102.26	7,422.52	7,126.58	113.44	44.50	90.92	319.90	-5,566.88	516.25	442.74	73.51	7.023	
14,100.00	7,101.44	7,422.22	7,126.28	115.10	44.50	90.79	319.91	-5,566.88	613.16	544.05	69.11	8.873	
14,200.00	7,100.61	7,421.93	7,125.99	116.75	44.50	90.67	319.92	-5,566.88	710.93	644.90	66.03	10.767	
14,300.00	7,099.79	7,421.63	7,125.69	118.41	44.50	90.55	319.92	-5,566.88	809.24	745.44	63.80	12.684	
14,400.00	7,098.96	7,421.34	7,125.39	120.07	44.50	90.43	319.93	-5,566.88	907.92	845.78	62.14	14.612	
14,500.00	7,098.14	7,421.04	7,125.10	121.72	44.50	90.31	319.94	-5,566.87	1,006.86	945.99	60.87	16.541	
14,600.00	7,097.31	7,420.75	7,124.81	123.38	44.50	90.19	319.95	-5,566.87	1,105.99	1,046.10	59.89	18.467	
14,700.00	7,096.49	7,420.46	7,124.52	125.04	44.50	90.07	319.96	-5,566.87	1,205.26	1,146.15	59.12	20.388	
14,800.00	7,095.67	7,420.17	7,124.23	126.70	44.50	89.95	319.96	-5,566.87	1,304.65	1,246.14	58.50	22.300	
14,900.00	7,094.84	7,419.89	7,123.95	128.35	44.50	89.83	319.97	-5,566.87	1,404.12	1,346.11	58.01	24.203	
15,000.00	7,094.02	7,419.60	7,123.66	130.01	44.50	89.71	319.98	-5,566.87	1,503.66	1,446.05	57.62	26.096	
15,100.00	7,093.19	7,419.32	7,123.38	131.67	44.50	89.59	319.99	-5,566.87	1,603.26	1,545.96	57.30	27.979	
15,101.99	7,093.18	7,419.31	7,123.37	131.71	44.50	89.59	319.99	-5,566.87	1,605.25	1,547.95	57.30	28.017	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
11,800.00	7,120.40	7,439.18	7,123.08	77.28	44.29	-90.45	-357.54	-6,239.28	2,434.79	2,366.12	68.68	35.453		
11,900.00	7,119.57	7,437.86	7,121.76	78.91	44.28	-90.31	-357.46	-6,239.29	2,337.38	2,267.81	69.57	33.597		
12,000.00	7,118.75	7,436.52	7,120.42	80.54	44.28	-90.17	-357.38	-6,239.31	2,240.20	2,169.65	70.56	31.751		
12,100.00	7,117.92	7,435.17	7,119.08	82.17	44.28	-90.03	-357.29	-6,239.32	2,143.28	2,071.64	71.64	29.916		
12,200.00	7,117.10	7,433.81	7,117.71	83.81	44.27	-89.88	-357.21	-6,239.33	2,046.65	1,973.81	72.84	28.096		
12,300.00	7,116.28	7,432.43	7,116.34	85.44	44.27	-89.74	-357.12	-6,239.34	1,950.36	1,876.19	74.18	26.293		
12,400.00	7,115.45	7,431.03	7,114.95	87.08	44.27	-89.59	-357.04	-6,239.35	1,854.47	1,778.80	75.66	24.510		
12,500.00	7,114.63	7,429.62	7,113.54	88.72	44.27	-89.44	-356.95	-6,239.36	1,759.02	1,681.70	77.32	22.750		
12,600.00	7,113.80	7,428.20	7,112.12	90.36	44.26	-89.29	-356.87	-6,239.37	1,664.12	1,584.94	79.18	21.018		
12,700.00	7,112.98	7,426.76	7,110.68	92.01	44.26	-89.13	-356.78	-6,239.38	1,569.84	1,488.58	81.26	19.318		
12,800.00	7,112.15	7,425.30	7,109.23	93.65	44.26	-88.98	-356.69	-6,239.40	1,476.32	1,392.70	83.62	17.655		
12,900.00	7,111.33	7,423.83	7,107.76	95.29	44.25	-88.82	-356.60	-6,239.41	1,383.69	1,297.41	86.29	16.036		
13,000.00	7,110.50	7,422.34	7,106.27	96.94	44.25	-88.66	-356.51	-6,239.42	1,292.17	1,202.86	89.31	14.468		
13,100.00	7,109.68	7,420.84	7,104.77	98.59	44.25	-88.51	-356.42	-6,239.44	1,202.00	1,109.24	92.76	12.958		
13,200.00	7,108.86	7,419.32	7,103.25	100.23	44.24	-88.34	-356.33	-6,239.45	1,113.50	1,016.80	96.70	11.515		
13,300.00	7,108.03	7,417.78	7,101.71	101.88	44.24	-88.18	-356.23	-6,239.46	1,027.12	925.92	101.20	10.150		
13,400.00	7,107.21	7,416.22	7,100.16	103.53	44.24	-88.01	-356.14	-6,239.48	943.42	837.11	106.32	8.874		
13,500.00	7,106.38	7,414.65	7,098.59	105.18	44.23	-87.85	-356.05	-6,239.49	863.20	751.09	112.11	7.699		
13,600.00	7,105.56	7,413.06	7,097.00	106.83	44.23	-87.68	-355.95	-6,239.51	787.52	668.95	118.57	6.642		
13,700.00	7,104.73	7,411.45	7,095.39	108.49	44.23	-87.51	-355.86	-6,239.52	717.81	592.25	125.56	5.717		
13,800.00	7,103.91	7,409.82	7,093.77	110.14	44.22	-87.33	-355.76	-6,239.54	655.98	523.25	132.73	4.942		
13,900.00	7,103.09	7,408.17	7,092.12	111.79	44.22	-87.16	-355.66	-6,239.55	604.45	465.07	139.38	4.337		
14,000.00	7,102.26	7,406.50	7,090.46	113.44	44.22	-86.98	-355.57	-6,239.57	566.04	421.60	144.43	3.919		
14,100.00	7,101.44	7,404.82	7,088.78	115.10	44.21	-86.80	-355.47	-6,239.59	543.54	396.85	146.69	3.705		
14,174.85	7,100.82	7,403.54	7,087.50	116.34	44.21	-86.67	-355.39	-6,239.60	538.36	392.27	146.09	3.685 CC, ES, SF		
14,200.00	7,100.61	7,403.11	7,087.07	116.75	44.21	-86.62	-355.37	-6,239.60	538.95	393.50	145.45	3.705		
14,300.00	7,099.79	7,401.38	7,085.35	118.41	44.20	-86.44	-355.27	-6,239.62	552.71	411.59	141.13	3.916		
14,400.00	7,098.96	7,399.63	7,083.60	120.07	44.20	-86.25	-355.17	-6,239.64	583.53	448.49	135.04	4.321		
14,500.00	7,098.14	7,397.87	7,081.84	121.72	44.20	-86.06	-355.07	-6,239.66	628.91	500.40	128.51	4.894		
14,600.00	7,097.31	7,396.08	7,080.05	123.38	44.19	-85.87	-354.96	-6,239.67	685.95	563.71	122.24	5.612		
14,700.00	7,096.49	7,394.26	7,078.24	125.04	44.19	-85.68	-354.86	-6,239.69	752.02	635.52	116.49	6.456		
14,800.00	7,095.67	7,392.43	7,076.41	126.70	44.18	-85.48	-354.76	-6,239.71	824.94	713.58	111.35	7.408		
14,900.00	7,094.84	7,390.57	7,074.56	128.35	44.18	-85.29	-354.65	-6,239.73	903.05	796.24	106.81	8.455		
15,000.00	7,094.02	7,388.89	7,072.88	130.01	44.18	-85.11	-354.55	-6,239.75	985.13	882.30	102.83	9.580		
15,100.00	7,093.19	7,387.32	7,071.31	131.67	44.17	-84.94	-354.47	-6,239.77	1,070.26	970.90	99.36	10.771		
15,101.99	7,093.18	7,387.29	7,071.28	131.71	44.17	-84.94	-354.46	-6,239.77	1,071.98	972.68	99.30	10.796		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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: 128-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,400.00	7,115.45	7,217.79	7,126.69	87.08	27.55	96.54	306.84	-6,884.70	2,423.70	2,377.64	46.06	52.615		
12,500.00	7,114.63	7,217.26	7,126.17	88.72	27.55	96.30	306.84	-6,884.70	2,323.84	2,277.64	46.20	50.300		
12,600.00	7,113.80	7,216.74	7,125.64	90.36	27.55	96.06	306.84	-6,884.69	2,223.99	2,177.65	46.34	47.988		
12,700.00	7,112.98	7,216.20	7,125.11	92.01	27.55	95.81	306.84	-6,884.69	2,124.16	2,077.66	46.50	45.681		
12,800.00	7,112.15	7,215.66	7,124.57	93.65	27.55	95.56	306.83	-6,884.69	2,024.34	1,977.67	46.67	43.377		
12,900.00	7,111.33	7,215.12	7,124.02	95.29	27.55	95.32	306.83	-6,884.69	1,924.53	1,877.68	46.85	41.077		
13,000.00	7,110.50	7,214.57	7,123.47	96.94	27.55	95.06	306.83	-6,884.69	1,824.76	1,777.70	47.06	38.779		
13,100.00	7,109.68	7,214.01	7,122.92	98.59	27.55	94.81	306.83	-6,884.69	1,725.00	1,677.72	47.28	36.484		
13,200.00	7,108.86	7,213.45	7,122.36	100.23	27.55	94.55	306.83	-6,884.69	1,625.28	1,577.74	47.54	34.191		
13,300.00	7,108.03	7,212.88	7,121.79	101.88	27.55	94.29	306.83	-6,884.69	1,525.59	1,477.76	47.83	31.899		
13,400.00	7,107.21	7,213.13	7,122.04	103.53	27.55	94.40	306.84	-6,884.68	1,425.94	1,377.77	48.18	29.599		
13,500.00	7,106.38	7,212.44	7,121.35	105.18	27.55	94.09	306.84	-6,884.68	1,326.35	1,277.78	48.57	27.307		
13,600.00	7,105.56	7,211.75	7,120.66	106.83	27.54	93.77	306.84	-6,884.68	1,226.83	1,177.78	49.05	25.014		
13,700.00	7,104.73	7,211.07	7,119.97	108.49	27.54	93.45	306.83	-6,884.68	1,127.38	1,077.76	49.62	22.718		
13,800.00	7,103.91	7,210.38	7,119.29	110.14	27.54	93.14	306.83	-6,884.68	1,028.05	977.70	50.35	20.419		
13,900.00	7,103.09	7,209.70	7,118.61	111.79	27.54	92.82	306.83	-6,884.68	928.86	877.59	51.27	18.116		
14,000.00	7,102.26	7,209.02	7,117.92	113.44	27.54	92.51	306.83	-6,884.68	829.86	777.38	52.49	15.811		
14,100.00	7,101.44	7,208.34	7,117.24	115.10	27.54	92.19	306.83	-6,884.68	731.14	677.01	54.13	13.508		
14,200.00	7,100.61	7,207.66	7,116.57	116.75	27.54	91.88	306.83	-6,884.68	632.81	576.40	56.42	11.217		
14,300.00	7,099.79	7,206.98	7,115.89	118.41	27.54	91.57	306.83	-6,884.67	535.11	475.37	59.74	8.957		
14,400.00	7,098.96	7,206.31	7,115.21	120.07	27.54	91.26	306.83	-6,884.67	438.44	373.63	64.81	6.765		
14,500.00	7,098.14	7,205.64	7,114.54	121.72	27.53	90.95	306.83	-6,884.67	343.68	270.68	73.01	4.707		
14,600.00	7,097.31	7,204.96	7,113.87	123.38	27.53	90.64	306.83	-6,884.67	252.99	165.75	87.24	2.900		
14,700.00	7,096.49	7,204.29	7,113.20	125.04	27.53	90.33	306.83	-6,884.67	172.89	59.86	113.03	1.530		
14,800.00	7,095.67	7,203.63	7,112.54	126.70	27.53	90.02	306.83	-6,884.67	125.60	-19.95	145.55	0.863 Level 1		
14,820.58	7,095.50	7,203.49	7,112.40	127.04	27.53	89.96	306.83	-6,884.67	123.90	-24.20	148.10	0.837 Level 1, CC, ES, SF		
14,900.00	7,094.84	7,202.96	7,111.87	128.35	27.53	89.71	306.83	-6,884.67	147.17	13.29	133.87	1.099 Level 2		
15,000.00	7,094.02	7,202.29	7,111.20	130.01	27.53	89.40	306.83	-6,884.67	218.04	114.19	103.85	2.100		
15,100.00	7,093.19	7,201.63	7,110.54	131.67	27.53	89.09	306.83	-6,884.67	305.65	220.18	85.47	3.576		
15,101.99	7,093.18	7,201.62	7,110.52	131.71	27.53	89.09	306.83	-6,884.67	307.47	222.27	85.20	3.609		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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	
12,700.00	7,112.98	7,596.68	7,124.20	92.01	52.29	-90.57	-1,008.73	-6,914.53	2,456.95	2,359.26	97.70	25.149	
12,800.00	7,112.15	7,596.43	7,123.95	93.65	52.29	-90.56	-1,008.73	-6,914.53	2,370.00	2,270.35	99.65	23.782	
12,900.00	7,111.33	7,596.18	7,123.70	95.29	52.29	-90.55	-1,008.73	-6,914.53	2,284.12	2,182.38	101.74	22.451	
13,000.00	7,110.50	7,595.94	7,123.46	96.94	52.29	-90.54	-1,008.73	-6,914.53	2,199.43	2,095.48	103.95	21.159	
13,100.00	7,109.68	7,595.71	7,123.23	98.59	52.29	-90.53	-1,008.73	-6,914.52	2,116.07	2,009.78	106.30	19.907	
13,200.00	7,108.86	7,595.49	7,123.01	100.23	52.29	-90.52	-1,008.74	-6,914.52	2,034.22	1,925.43	108.79	18.699	
13,300.00	7,108.03	7,595.28	7,122.79	101.88	52.29	-90.51	-1,008.74	-6,914.52	1,954.06	1,842.63	111.43	17.537	
13,400.00	7,107.21	7,595.07	7,122.59	103.53	52.29	-90.50	-1,008.74	-6,914.52	1,875.80	1,761.59	114.21	16.424	
13,500.00	7,106.38	7,594.87	7,122.39	105.18	52.29	-90.49	-1,008.74	-6,914.52	1,799.70	1,682.57	117.13	15.365	
13,600.00	7,105.56	7,594.67	7,122.19	106.83	52.29	-90.48	-1,008.74	-6,914.52	1,726.04	1,605.84	120.19	14.360	
13,700.00	7,104.73	7,594.49	7,122.00	108.49	52.29	-90.47	-1,008.74	-6,914.52	1,655.14	1,531.76	123.38	13.415	
13,800.00	7,103.91	7,594.30	7,121.82	110.14	52.29	-90.46	-1,008.74	-6,914.52	1,587.38	1,460.72	126.66	12.533	
13,900.00	7,103.09	7,594.13	7,121.64	111.79	52.29	-90.45	-1,008.75	-6,914.51	1,523.17	1,393.16	130.01	11.716	
14,000.00	7,102.26	7,593.95	7,121.47	113.44	52.29	-90.44	-1,008.75	-6,914.51	1,462.99	1,329.60	133.39	10.968	
14,100.00	7,101.44	7,593.79	7,121.30	115.10	52.29	-90.43	-1,008.75	-6,914.51	1,407.35	1,270.62	136.73	10.293	
14,200.00	7,100.61	7,593.62	7,121.14	116.75	52.29	-90.43	-1,008.75	-6,914.51	1,356.80	1,216.83	139.98	9.693	
14,300.00	7,099.79	7,593.47	7,120.98	118.41	52.29	-90.42	-1,008.75	-6,914.51	1,311.95	1,168.90	143.04	9.172	
14,400.00	7,098.96	7,593.31	7,120.83	120.07	52.29	-90.41	-1,008.75	-6,914.51	1,273.38	1,127.52	145.86	8.730	
14,500.00	7,098.14	7,593.17	7,120.68	121.72	52.29	-90.40	-1,008.75	-6,914.51	1,241.68	1,093.33	148.35	8.370	
14,600.00	7,097.31	7,593.02	7,120.54	123.38	52.29	-90.40	-1,008.75	-6,914.51	1,217.40	1,066.93	150.47	8.091	
14,700.00	7,096.49	7,592.88	7,120.40	125.04	52.29	-90.39	-1,008.75	-6,914.51	1,200.98	1,048.78	152.19	7.891	
14,800.00	7,095.67	7,592.74	7,120.26	126.70	52.29	-90.38	-1,008.75	-6,914.50	1,192.74	1,039.20	153.54	7.768	
14,848.57	7,095.26	7,592.68	7,120.20	127.50	52.29	-90.38	-1,008.76	-6,914.50	1,191.75	1,037.68	154.07	7.735 CC, ES	
14,900.00	7,094.84	7,592.61	7,120.13	128.35	52.29	-90.38	-1,008.76	-6,914.50	1,192.86	1,038.32	154.54	7.719 SF	
15,000.00	7,094.02	7,592.48	7,120.00	130.01	52.29	-90.37	-1,008.76	-6,914.50	1,201.33	1,046.11	155.22	7.740	
15,100.00	7,093.19	7,592.35	7,119.87	131.67	52.29	-90.37	-1,008.76	-6,914.50	1,217.98	1,062.41	155.57	7.829	
15,101.99	7,093.18	7,592.35	7,119.87	131.71	52.29	-90.37	-1,008.76	-6,914.50	1,218.40	1,062.82	155.57	7.832	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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 8-1 - SRC PR Well - Actual Ensign Surveys												Offset Site Error:	0.00 usft
Survey Program: 98-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,300.00	7,124.52	7,711.43	7,137.89	69.16	64.68	-90.65	-1,009.10	-5,556.98	2,493.42	2,391.27	102.15	24.409	
11,400.00	7,123.70	7,709.86	7,136.32	70.78	64.68	-90.57	-1,009.06	-5,557.00	2,406.02	2,302.01	104.02	23.131	
11,500.00	7,122.87	7,708.23	7,134.69	72.40	64.68	-90.49	-1,009.01	-5,557.02	2,319.64	2,213.64	106.00	21.883	
11,600.00	7,122.05	7,706.54	7,133.00	74.02	64.68	-90.41	-1,008.96	-5,557.05	2,234.40	2,126.28	108.11	20.667	
11,700.00	7,121.22	7,704.78	7,131.25	75.65	64.67	-90.33	-1,008.91	-5,557.07	2,150.42	2,040.07	110.36	19.486	
11,800.00	7,120.40	7,702.96	7,129.43	77.28	64.67	-90.24	-1,008.86	-5,557.10	2,067.87	1,955.14	112.73	18.343	
11,900.00	7,119.57	7,701.07	7,127.54	78.91	64.67	-90.15	-1,008.81	-5,557.13	1,986.92	1,871.67	115.25	17.240	
12,000.00	7,118.75	7,699.10	7,125.57	80.54	64.67	-90.05	-1,008.75	-5,557.16	1,907.78	1,789.88	117.90	16.181	
12,100.00	7,117.92	7,697.05	7,123.52	82.17	64.66	-89.95	-1,008.69	-5,557.19	1,830.67	1,709.99	120.69	15.169	
12,200.00	7,117.10	7,694.91	7,121.38	83.81	64.66	-89.85	-1,008.62	-5,557.23	1,755.88	1,632.28	123.59	14.207	
12,300.00	7,116.28	7,692.69	7,119.16	85.44	64.66	-89.75	-1,008.56	-5,557.26	1,683.69	1,557.09	126.61	13.299	
12,400.00	7,115.45	7,690.36	7,116.84	87.08	64.66	-89.63	-1,008.49	-5,557.31	1,614.48	1,484.78	129.70	12.448	
12,500.00	7,114.63	7,687.94	7,114.42	88.72	64.65	-89.52	-1,008.41	-5,557.35	1,548.63	1,415.79	132.84	11.658	
12,600.00	7,113.80	7,688.57	7,115.05	90.36	64.66	-89.55	-1,008.43	-5,557.31	1,486.57	1,350.58	135.99	10.931	
12,700.00	7,112.98	7,685.11	7,111.59	92.01	64.65	-89.38	-1,008.32	-5,557.39	1,428.84	1,289.80	139.04	10.277	
12,800.00	7,112.15	7,681.60	7,108.08	93.65	64.65	-89.21	-1,008.21	-5,557.46	1,375.95	1,234.03	141.92	9.695	
12,900.00	7,111.33	7,678.04	7,104.52	95.29	64.64	-89.04	-1,008.10	-5,557.54	1,328.49	1,183.95	144.55	9.191	
13,000.00	7,110.50	7,674.42	7,100.91	96.94	64.64	-88.87	-1,007.98	-5,557.62	1,287.06	1,140.27	146.79	8.768	
13,100.00	7,109.68	7,670.75	7,097.24	98.59	64.63	-88.69	-1,007.86	-5,557.71	1,252.25	1,103.73	148.53	8.431	
13,200.00	7,108.86	7,667.02	7,093.51	100.23	64.62	-88.51	-1,007.74	-5,557.79	1,224.63	1,074.99	149.64	8.184	
13,300.00	7,108.03	7,663.23	7,089.73	101.88	64.62	-88.33	-1,007.61	-5,557.88	1,204.69	1,054.64	150.05	8.029	
13,400.00	7,107.21	7,659.39	7,085.88	103.53	64.61	-88.14	-1,007.47	-5,557.97	1,192.82	1,043.14	149.68	7.969 SF	
13,492.49	7,106.44	7,655.77	7,082.28	105.06	64.60	-87.97	-1,007.35	-5,558.05	1,189.23	1,040.57	148.66	8.000 CC, ES	
13,500.00	7,106.38	7,655.48	7,081.98	105.18	64.60	-87.95	-1,007.34	-5,558.06	1,189.26	1,040.71	148.55	8.006	
13,600.00	7,105.56	7,651.51	7,078.01	106.83	64.60	-87.76	-1,007.19	-5,558.16	1,194.07	1,047.36	146.72	8.139	
13,700.00	7,104.73	7,647.47	7,073.98	108.49	64.59	-87.57	-1,007.05	-5,558.25	1,207.18	1,062.86	144.31	8.365	
13,800.00	7,103.91	7,643.38	7,069.89	110.14	64.58	-87.37	-1,006.90	-5,558.35	1,228.30	1,086.78	141.51	8.680	
13,900.00	7,103.09	7,639.21	7,065.73	111.79	64.58	-87.17	-1,006.74	-5,558.46	1,257.03	1,118.53	138.50	9.076	
14,000.00	7,102.26	7,634.98	7,061.50	113.44	64.57	-86.97	-1,006.58	-5,558.56	1,292.86	1,157.40	135.47	9.544	
14,100.00	7,101.44	7,630.67	7,057.20	115.10	64.56	-86.76	-1,006.41	-5,558.67	1,335.23	1,202.67	132.56	10.073	
14,200.00	7,100.61	7,626.29	7,052.83	116.75	64.55	-86.55	-1,006.25	-5,558.78	1,383.54	1,253.67	129.87	10.654	
14,300.00	7,099.79	7,621.84	7,048.38	118.41	64.55	-86.33	-1,006.05	-5,558.89	1,437.17	1,309.74	127.43	11.278	
14,400.00	7,098.96	7,617.32	7,043.86	120.07	64.54	-86.12	-1,005.87	-5,559.01	1,495.57	1,370.32	125.25	11.940	
14,500.00	7,098.14	7,612.71	7,039.26	121.72	64.53	-85.90	-1,005.67	-5,559.13	1,558.19	1,434.88	123.31	12.637	
14,600.00	7,097.31	7,608.03	7,034.59	123.38	64.52	-85.67	-1,005.47	-5,559.26	1,624.55	1,502.99	121.56	13.364	
14,700.00	7,096.49	7,603.27	7,029.83	125.04	64.52	-85.44	-1,005.27	-5,559.39	1,694.20	1,574.23	119.97	14.121	
14,800.00	7,095.67	7,598.42	7,024.99	126.70	64.51	-85.21	-1,005.05	-5,559.52	1,766.76	1,648.23	118.53	14.906	
14,900.00	7,094.84	7,593.48	7,020.06	128.35	64.50	-84.97	-1,004.83	-5,559.65	1,841.89	1,724.69	117.19	15.717	
15,000.00	7,094.02	7,588.46	7,015.04	130.01	64.49	-84.73	-1,004.60	-5,559.79	1,919.27	1,803.31	115.96	16.551	
15,100.00	7,093.19	7,583.35	7,009.94	131.67	64.48	-84.48	-1,004.37	-5,559.94	1,998.66	1,883.85	114.81	17.409	
15,101.99	7,093.18	7,583.24	7,009.83	131.71	64.48	-84.48	-1,004.36	-5,559.94	2,000.25	1,885.47	114.79	17.426	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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: 96-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,500.00	7,122.87	7,392.83	7,135.27	72.40	39.80	90.42	1,651.42	-5,562.05	2,482.02	2,402.82	79.20	31.340	
11,600.00	7,122.05	7,393.53	7,135.97	74.02	39.80	90.45	1,651.41	-5,562.06	2,402.18	2,320.35	81.83	29.355	
11,700.00	7,121.22	7,394.21	7,136.65	75.65	39.80	90.48	1,651.40	-5,562.07	2,323.91	2,239.29	84.62	27.462	
11,800.00	7,120.40	7,394.89	7,137.33	77.28	39.80	90.50	1,651.39	-5,562.08	2,247.36	2,159.78	87.58	25.661	
11,900.00	7,119.57	7,395.56	7,138.00	78.91	39.80	90.53	1,651.38	-5,562.09	2,172.72	2,082.02	90.69	23.957	
12,000.00	7,118.75	7,396.22	7,138.66	80.54	39.80	90.56	1,651.37	-5,562.10	2,100.18	2,006.21	93.97	22.349	
12,100.00	7,117.92	7,396.88	7,139.32	82.17	39.80	90.58	1,651.36	-5,562.11	2,029.98	1,932.57	97.41	20.839	
12,200.00	7,117.10	7,397.52	7,139.96	83.81	39.80	90.61	1,651.35	-5,562.12	1,962.37	1,861.36	101.00	19.429	
12,300.00	7,116.28	7,398.16	7,140.60	85.44	39.80	90.63	1,651.34	-5,562.13	1,897.62	1,792.88	104.74	18.118	
12,400.00	7,115.45	7,398.79	7,141.23	87.08	39.80	90.66	1,651.33	-5,562.13	1,836.03	1,727.44	108.59	16.908	
12,500.00	7,114.63	7,399.41	7,141.85	88.72	39.80	90.68	1,651.32	-5,562.14	1,777.94	1,665.41	112.54	15.799	
12,600.00	7,113.80	7,400.03	7,142.47	90.36	39.80	90.70	1,651.31	-5,562.15	1,723.70	1,607.16	116.54	14.791	
12,700.00	7,112.98	7,400.64	7,143.08	92.01	39.80	90.73	1,651.30	-5,562.16	1,673.68	1,553.13	120.55	13.884	
12,800.00	7,112.15	7,401.24	7,143.68	93.65	39.81	90.75	1,651.29	-5,562.17	1,628.27	1,503.76	124.51	13.078	
12,900.00	7,111.33	7,401.84	7,144.27	95.29	39.81	90.78	1,651.28	-5,562.18	1,587.87	1,459.52	128.35	12.371	
13,000.00	7,110.50	7,402.42	7,144.86	96.94	39.81	90.80	1,651.27	-5,562.18	1,552.87	1,420.87	132.00	11.764	
13,100.00	7,109.68	7,403.01	7,145.44	98.59	39.81	90.82	1,651.26	-5,562.19	1,523.63	1,388.27	135.36	11.256	
13,200.00	7,108.86	7,403.58	7,146.02	100.23	39.81	90.84	1,651.25	-5,562.20	1,500.50	1,362.14	138.37	10.844	
13,300.00	7,108.03	7,404.15	7,146.59	101.88	39.81	90.87	1,651.25	-5,562.21	1,483.77	1,342.84	140.93	10.529	
13,400.00	7,107.21	7,404.71	7,147.15	103.53	39.81	90.89	1,651.24	-5,562.21	1,473.65	1,330.67	142.98	10.307	
13,499.71	7,106.39	7,405.27	7,147.70	105.18	39.81	90.91	1,651.23	-5,562.22	1,470.27	1,325.80	144.47	10.177 CC	
13,500.00	7,106.38	7,405.27	7,147.70	105.18	39.81	90.91	1,651.23	-5,562.22	1,470.27	1,325.80	144.47	10.177 ES	
13,600.00	7,105.56	7,405.82	7,148.25	106.83	39.81	90.93	1,651.22	-5,562.23	1,473.68	1,328.30	145.38	10.137 SF	
13,700.00	7,104.73	7,406.36	7,148.80	108.49	39.81	90.95	1,651.21	-5,562.24	1,483.85	1,338.14	145.70	10.184	
13,800.00	7,103.91	7,406.90	7,149.34	110.14	39.81	90.97	1,651.20	-5,562.24	1,500.62	1,355.16	145.46	10.316	
13,900.00	7,103.09	7,407.43	7,149.87	111.79	39.81	90.99	1,651.19	-5,562.25	1,523.78	1,379.08	144.70	10.531	
14,000.00	7,102.26	7,407.96	7,150.39	113.44	39.81	91.01	1,651.18	-5,562.26	1,553.05	1,409.57	143.48	10.824	
14,100.00	7,101.44	7,408.48	7,150.91	115.10	39.81	91.03	1,651.18	-5,562.27	1,588.09	1,446.22	141.87	11.194	
14,200.00	7,100.61	7,408.99	7,151.43	116.75	39.81	91.05	1,651.17	-5,562.27	1,628.52	1,488.58	139.94	11.637	
14,300.00	7,099.79	7,409.50	7,151.94	118.41	39.81	91.07	1,651.16	-5,562.28	1,673.96	1,536.18	137.77	12.150	
14,400.00	7,098.96	7,410.01	7,152.44	120.07	39.81	91.09	1,651.15	-5,562.29	1,724.00	1,588.57	135.44	12.729	
14,500.00	7,098.14	7,410.50	7,152.94	121.72	39.81	91.11	1,651.14	-5,562.29	1,778.27	1,645.28	132.99	13.372	
14,600.00	7,097.31	7,411.00	7,153.43	123.38	39.81	91.13	1,651.14	-5,562.30	1,836.38	1,705.90	130.48	14.074	
14,700.00	7,096.49	7,411.49	7,153.92	125.04	39.81	91.15	1,651.13	-5,562.31	1,897.98	1,770.03	127.95	14.833	
14,800.00	7,095.67	7,411.97	7,154.41	126.70	39.81	91.17	1,651.12	-5,562.31	1,962.75	1,837.30	125.45	15.646	
14,900.00	7,094.84	7,412.45	7,154.89	128.35	39.82	91.19	1,651.11	-5,562.32	2,030.38	1,907.39	122.99	16.508	
15,000.00	7,094.02	7,412.92	7,155.36	130.01	39.82	91.21	1,651.11	-5,562.32	2,100.59	1,979.99	120.60	17.418	
15,100.00	7,093.19	7,413.39	7,155.83	131.67	39.82	91.23	1,651.10	-5,562.33	2,173.14	2,054.85	118.29	18.372	
15,101.99	7,093.18	7,413.40	7,155.84	131.71	39.82	91.23	1,651.10	-5,562.33	2,174.61	2,056.37	118.24	18.391	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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: 94-SRC Energy_ISCWSA REV 2 MWD, 7674-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		
12,900.00	7,111.33	7,314.31	7,132.26	95.29	34.82	90.36	2,307.12	-6,219.17	2,469.39	2,353.52	115.87	21.312		
13,000.00	7,110.50	7,314.79	7,132.75	96.94	34.82	90.37	2,307.12	-6,219.18	2,419.99	2,301.34	118.65	20.396		
13,100.00	7,109.68	7,315.27	7,133.23	98.59	34.82	90.38	2,307.12	-6,219.19	2,373.78	2,252.36	121.42	19.551		
13,200.00	7,108.86	7,315.75	7,133.70	100.23	34.82	90.40	2,307.11	-6,219.19	2,330.94	2,206.80	124.15	18.776		
13,300.00	7,108.03	7,316.21	7,134.16	101.88	34.82	90.41	2,307.11	-6,219.20	2,291.67	2,164.85	126.82	18.071		
13,400.00	7,107.21	7,316.67	7,134.62	103.53	34.82	90.42	2,307.10	-6,219.20	2,256.15	2,126.75	129.41	17.435		
13,500.00	7,106.38	7,317.12	7,135.08	105.18	34.82	90.43	2,307.10	-6,219.21	2,224.57	2,092.68	131.88	16.868		
13,600.00	7,105.56	7,317.57	7,135.52	106.83	34.82	90.45	2,307.09	-6,219.22	2,197.08	2,062.85	134.23	16.368		
13,700.00	7,104.73	7,318.01	7,135.96	108.49	34.82	90.46	2,307.09	-6,219.22	2,173.85	2,037.44	136.41	15.936		
13,800.00	7,103.91	7,318.44	7,136.40	110.14	34.82	90.47	2,307.09	-6,219.23	2,155.02	2,016.60	138.42	15.569		
13,900.00	7,103.09	7,318.87	7,136.82	111.79	34.82	90.48	2,307.08	-6,219.23	2,140.69	2,000.48	140.21	15.267		
14,000.00	7,102.26	7,319.29	7,137.25	113.44	34.82	90.49	2,307.08	-6,219.24	2,130.97	1,989.18	141.79	15.029		
14,100.00	7,101.44	7,319.71	7,137.66	115.10	34.82	90.50	2,307.08	-6,219.24	2,125.91	1,982.77	143.13	14.853		
14,157.68	7,100.96	7,319.95	7,137.90	116.05	34.82	90.51	2,307.07	-6,219.25	2,125.13	1,981.33	143.80	14.779 CC		
14,200.00	7,100.61	7,320.12	7,138.07	116.75	34.82	90.52	2,307.07	-6,219.25	2,125.55	1,981.31	144.23	14.737 ES		
14,300.00	7,099.79	7,320.52	7,138.48	118.41	34.82	90.53	2,307.07	-6,219.25	2,129.89	1,984.80	145.08	14.680 SF		
14,400.00	7,098.96	7,320.92	7,138.88	120.07	34.82	90.54	2,307.06	-6,219.26	2,138.90	1,993.20	145.69	14.681		
14,500.00	7,098.14	7,321.32	7,139.27	121.72	34.82	90.55	2,307.06	-6,219.26	2,152.52	2,006.46	146.06	14.737		
14,600.00	7,097.31	7,321.71	7,139.66	123.38	34.82	90.56	2,307.06	-6,219.27	2,170.67	2,024.47	146.20	14.847		
14,700.00	7,096.49	7,322.09	7,140.04	125.04	34.82	90.57	2,307.05	-6,219.27	2,193.23	2,047.10	146.13	15.009		
14,800.00	7,095.67	7,322.47	7,140.42	126.70	34.82	90.58	2,307.05	-6,219.28	2,220.07	2,074.20	145.87	15.220		
14,900.00	7,094.84	7,322.84	7,140.80	128.35	34.82	90.59	2,307.05	-6,219.28	2,251.04	2,105.61	145.43	15.478		
15,000.00	7,094.02	7,323.21	7,141.17	130.01	34.83	90.60	2,307.04	-6,219.29	2,285.97	2,141.12	144.84	15.782		
15,100.00	7,093.19	7,323.58	7,141.53	131.67	34.83	90.61	2,307.04	-6,219.29	2,324.67	2,180.55	144.12	16.130		
15,101.99	7,093.18	7,323.59	7,141.54	131.71	34.83	90.61	2,307.04	-6,219.29	2,325.48	2,181.37	144.11	16.137		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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		
11,900.00	7,119.57	7,171.04	7,100.45	78.91	25.49	88.81	1,070.84	-6,217.85	2,423.84	2,371.14	52.71	45.987		
12,000.00	7,118.75	7,171.90	7,101.31	80.54	25.49	88.86	1,070.83	-6,217.87	2,331.10	2,276.81	54.29	42.942		
12,100.00	7,117.92	7,172.76	7,102.17	82.17	25.50	88.92	1,070.83	-6,217.88	2,238.98	2,182.97	56.01	39.974		
12,200.00	7,117.10	7,173.64	7,103.05	83.81	25.50	88.97	1,070.82	-6,217.90	2,147.57	2,089.67	57.90	37.091		
12,300.00	7,116.28	7,174.53	7,103.94	85.44	25.50	89.03	1,070.82	-6,217.92	2,056.95	1,996.98	59.97	34.299		
12,400.00	7,115.45	7,175.43	7,104.84	87.08	25.50	89.09	1,070.82	-6,217.93	1,967.25	1,905.00	62.24	31.606		
12,500.00	7,114.63	7,176.34	7,105.75	88.72	25.50	89.15	1,070.81	-6,217.95	1,878.58	1,813.84	64.74	29.017		
12,600.00	7,113.80	7,177.27	7,106.68	90.36	25.50	89.21	1,070.81	-6,217.97	1,791.11	1,723.62	67.49	26.539		
12,700.00	7,112.98	7,178.21	7,107.62	92.01	25.50	89.27	1,070.80	-6,217.98	1,705.01	1,634.50	70.51	24.180		
12,800.00	7,112.15	7,179.16	7,108.57	93.65	25.51	89.33	1,070.80	-6,218.00	1,620.52	1,546.67	73.85	21.944		
12,900.00	7,111.33	7,180.13	7,109.54	95.29	25.51	89.39	1,070.80	-6,218.02	1,537.88	1,460.36	77.52	19.839		
13,000.00	7,110.50	7,181.11	7,110.51	96.94	25.51	89.45	1,070.79	-6,218.04	1,457.42	1,375.86	81.56	17.870		
13,100.00	7,109.68	7,182.10	7,111.51	98.59	25.51	89.52	1,070.79	-6,218.06	1,379.51	1,293.52	86.00	16.042		
13,200.00	7,108.86	7,183.11	7,112.52	100.23	25.51	89.58	1,070.78	-6,218.08	1,304.63	1,213.78	90.85	14.360		
13,300.00	7,108.03	7,184.13	7,113.54	101.88	25.51	89.65	1,070.78	-6,218.10	1,233.30	1,137.18	96.13	12.830		
13,400.00	7,107.21	7,185.17	7,114.58	103.53	25.52	89.72	1,070.77	-6,218.12	1,166.20	1,064.39	101.81	11.455		
13,500.00	7,106.38	7,186.22	7,115.63	105.18	25.52	89.78	1,070.77	-6,218.14	1,104.09	996.24	107.84	10.238		
13,600.00	7,105.56	7,187.29	7,116.70	106.83	25.52	89.85	1,070.76	-6,218.16	1,047.85	933.73	114.12	9.182		
13,700.00	7,104.73	7,188.38	7,117.78	108.49	25.52	89.92	1,070.76	-6,218.18	998.48	878.02	120.46	8.289		
13,800.00	7,103.91	7,189.48	7,118.88	110.14	25.52	89.99	1,070.75	-6,218.20	957.05	830.43	126.62	7.559		
13,900.00	7,103.09	7,190.60	7,120.00	111.79	25.52	90.07	1,070.75	-6,218.22	924.62	792.36	132.26	6.991		
14,000.00	7,102.26	7,191.73	7,121.14	113.44	25.53	90.14	1,070.74	-6,218.25	902.16	765.14	137.02	6.584		
14,100.00	7,101.44	7,192.89	7,122.29	115.10	25.53	90.21	1,070.74	-6,218.27	890.43	749.87	140.56	6.335		
14,155.17	7,100.98	7,193.53	7,122.93	116.01	25.53	90.25	1,070.74	-6,218.28	888.72	746.82	141.89	6.263 CC, ES		
14,200.00	7,100.61	7,194.06	7,123.46	116.75	25.53	90.29	1,070.73	-6,218.29	889.85	747.21	142.63	6.239 SF		
14,300.00	7,099.79	7,195.25	7,124.65	118.41	25.53	90.37	1,070.73	-6,218.32	900.44	757.28	143.16	6.290		
14,400.00	7,098.96	7,196.45	7,125.86	120.07	25.53	90.44	1,070.72	-6,218.34	921.82	779.61	142.21	6.482		
14,500.00	7,098.14	7,197.68	7,127.09	121.72	25.54	90.52	1,070.72	-6,218.36	953.26	813.24	140.02	6.808		
14,600.00	7,097.31	7,198.93	7,128.33	123.38	25.54	90.60	1,070.71	-6,218.39	993.81	856.93	136.88	7.260		
14,700.00	7,096.49	7,200.20	7,129.60	125.04	25.54	90.68	1,070.71	-6,218.42	1,042.41	909.29	133.12	7.831		
14,800.00	7,095.67	7,201.49	7,130.89	126.70	25.54	90.77	1,070.70	-6,218.44	1,097.98	968.97	129.01	8.511		
14,900.00	7,094.84	7,202.79	7,132.20	128.35	25.54	90.85	1,070.70	-6,218.47	1,159.53	1,034.76	124.77	9.294		
15,000.00	7,094.02	7,204.13	7,133.53	130.01	25.55	90.94	1,070.69	-6,218.50	1,226.15	1,105.60	120.56	10.171		
15,100.00	7,093.19	7,205.48	7,134.88	131.67	25.55	91.03	1,070.68	-6,218.52	1,297.07	1,180.59	116.48	11.135		
15,101.99	7,093.18	7,205.51	7,134.91	131.71	25.55	91.03	1,070.68	-6,218.53	1,298.52	1,182.12	116.40	11.155		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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' @ 4875.00usft (IKON 12)

Offset Depths are relative to Offset Datum

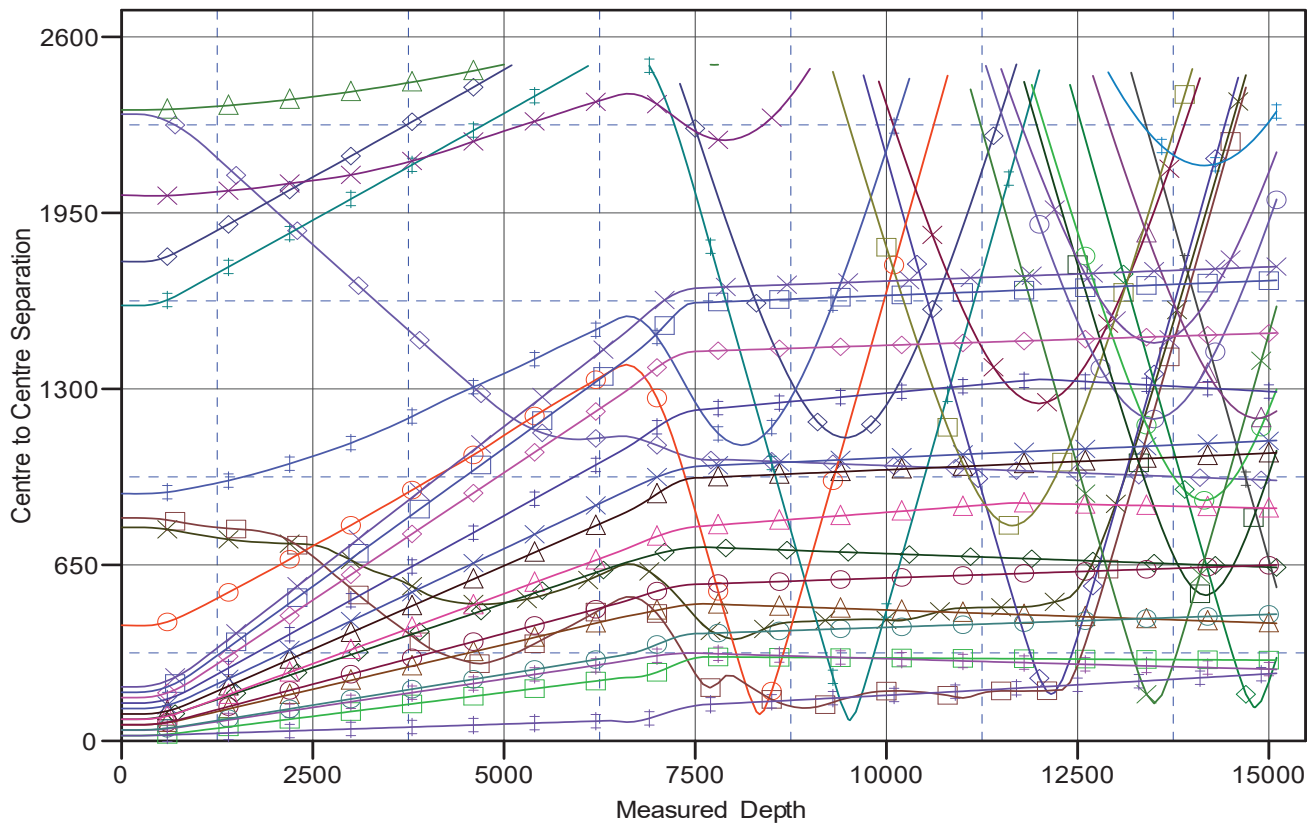
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 2N-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	HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0	GOLDEN EAGLE 28C-1-M, Wellbore #1, Design #1 V0
Simonsen 1Q-241, PDC PR Well, Actual Ensign Surveys V0	Balbridge 8-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 2N-1A-M, Wellbore #1, Design #1 V0
Cecil Farms PC 106-67HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0	Schneider 20-36, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 25C-1-M, Wellbore #1, Design #1 V0
S B H 1, Ammex P&A Well, No Surveys V0	Schneider 37-36, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
HKS 6-22, Noble SI Well, Actual VES Surveys (Grid to True) V0	Balbridge 17-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-11, Noble P&A Well, Actual VES Surveys (Grid to True) V0	Balbridge 2-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
WEBER 6-13, Noble SI Well, Actual Coretech Surveys (Grid to True) V0	Balbridge 1-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
HKS 6-23, Noble SI Well, No Surveys V0	Schneider 16-36, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-41, Petro Canada DA Well, No Surveys V0	Balbridge 7-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-14, Noble P&A Well, Actual VES Surveys (Grid to True) V0	GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
Cecil Farms PC 106-68-1HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0	GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 21C-1-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-10X, Noble P&A Well, Actual VES Surveys (Grid to True) V0	GOLDEN EAGLE 7C-1-M, Wellbore #1, Design #1 V0	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 2N-1B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4875.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 2N-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' @ 4875.00usft (IKON 12)

Offset Depths are relative to Offset Datum

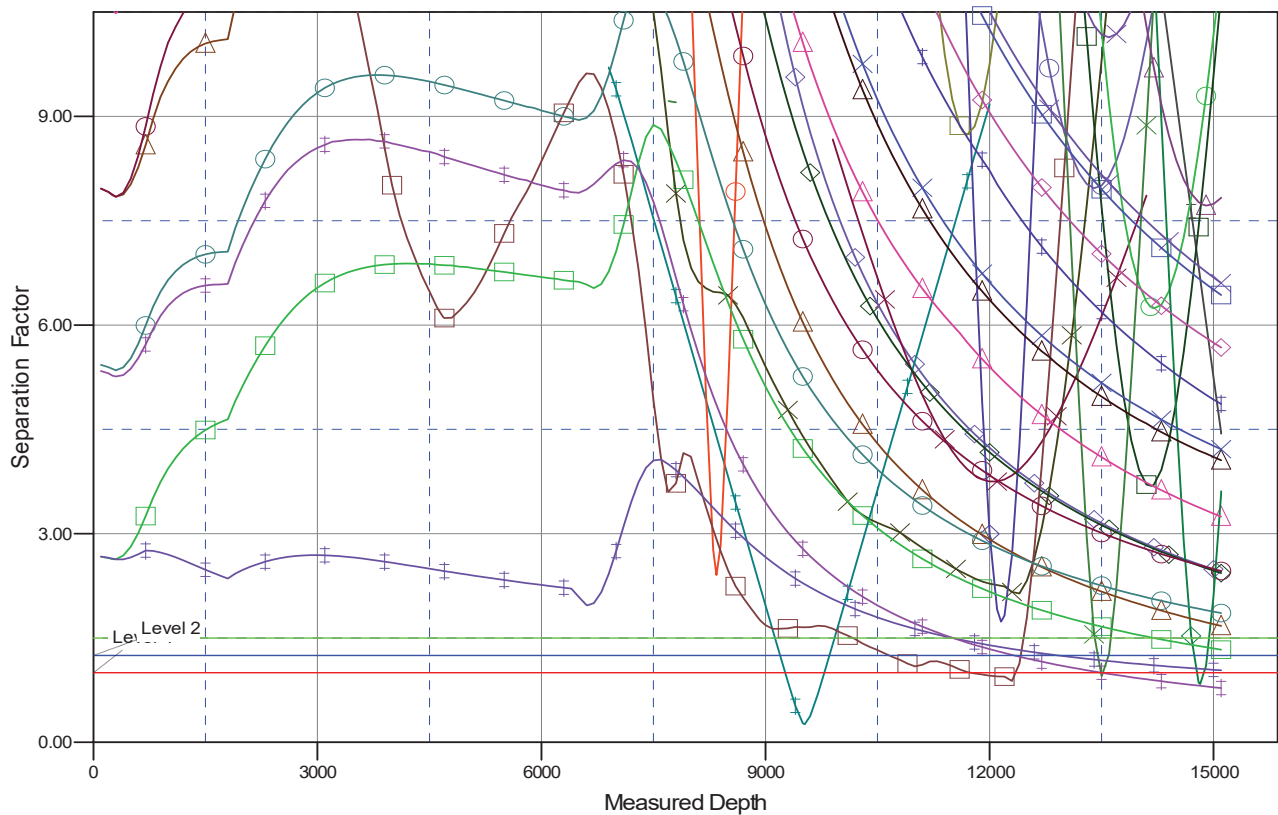
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 2N-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-N, PDC Planned Well, Planned Ensign Surveys V0
— Simonsen 12-241, PDC PR Well, Actual Ensign Surveys V0
— Cecil Farms PC 106-67H-N, Noble PR Well, Actual DDC Surveys (Grid to True) V0
— S B H 1, Antmax 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 106-68-1H-N, 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

— HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0
— Balbridge 8-1, SRC PR Well, Actual Ensign Surveys V0
— Schneider 20-36, SRC PR Well, Actual Ensign Surveys V0
— Schneider 37-36, SRC PR Well, Actual Ensign Surveys V0
— Balbridge 15-1, SRC PR Well, Actual Ensign Surveys V0
— Balbridge 2-1, SRC PR Well, Actual Ensign Surveys V0
— Schneider 16-36, SRC PR Well, Actual Ensign Surveys V0
— Balbridge 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-1C-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 25N-1B-M, Wellbore #1, Design #1 V0
— GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
— GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
— GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
— GOLDEN EAGLE 21C-1-M, Wellbore #1, Design #1 V0