SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)
6N-66W-06 GOLDEN EAGLE 1-6 PAD
GOLDEN EAGLE 28C-1-M

Wellbore #1
Design #1

Anticollision Report

13 December, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

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

Survey Tool Program **Date** 12/13/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2	Fixed:v2:crustal field declination
1,800.00	15,257.27	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV 2	Fixed:v2:Rockies, crustal dec + 3-axis correction

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
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	60.91	53.33	8.041	CC
GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1	200.11	201.11	60.91	53.33	8.041	ES
GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1	15,257.27	15,298.06	667.87	403.98	2.531	SF
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	200.00	201.00	100.15	92.57	13.222	CC
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	200.03	201.03	100.15	92.57	13.222	ES
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	15,257.27	15,209.44	1,111.48	850.10	4.252	SF
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	200.00	201.00	80.04	72.46	10.567	CC
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	203.31	204.31	80.04	72.46	10.564	ES
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	15,257.27	15,222.86	889.97	627.93	3.396	SF
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	200.00	202.00	199.93	192.35	26.395	CC, ES
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	15,257.27	15,528.20	1,926.19	1,660.83	7.259	SF
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	200.00	202.00	220.01	212.44	29.046	CC, ES
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	15,257.27	15,262.51	2,007.25	1,743.99	7.624	SF
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	200.00	202.00	180.18	172.61	23.788	CC
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	203.12	205.12	180.18	172.61	23.781	ES
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	15,257.27	15,312.18	1,751.96	1,487.86	6.634	SF
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	283.74	283.67	20.00	12.35	2.616	CC, ES
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	6,643.34	6,647.44	65.22	27.81	1.743	SF
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	200.00	200.00	59.96	52.39	7.917	CC, ES
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	15,257.27	15,087.91	444.93	194.10	1.774	SF
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	274.03	273.88	39.76	32.12	5.207	CC
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	15,257.27	15,155.08	220.55	-24.04	0.902	Level 1, ES, SF
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.24	201.24	40.19	32.62	5.306	CC, ES
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	15,257.27	15,012.55	546.26	314.38	2.356	SF
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	200.00	200.00	20.09	12.51	2.652	CC
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	200.00	200.00	20.09	12.51	2.652	ES
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	15,257.27	15,100.45	298.50	74.57	1.333	Level 3, SF
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	200.00	201.00	119.87	112.29	15.826	CC
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	200.15	201.15	119.87	112.29	15.825	ES
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	15,257.27	15,387.80	1,284.50	1,020.08	4.858	SF
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	200.00	202.00	139.97	132.40	18.479	CC
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	201.50	203.50	139.97	132.40	18.477	ES

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	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-1A-M - Wellbore #1 - Design #1	15,257.27	15,105.03	1,373.98	1,114.69	5.299	SF
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	200.00	202.00	160.08	152.50	21.134	CC
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	204.07	206.07	160.08	152.50	21.126	ES
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	15,257.27	15,344.96	1,527.52	1,263.10	5.777	SF
6N-66W-06 Offsets						
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	8,498.16	7,313.31	163.47	121.98	3.939	CC, ES
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	8,500.00	7,313.29	163.48	121.98	3.939	SF
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	161.78	164.78	932.93	925.56	126.504	CC, ES
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,600.00	7,306.25	1,392.88	1,350.94	33.214	SF
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	200.00	183.00	2,350.80	2,340.96	238.940	CC
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	600.00	582.13	2,357.09	2,333.54	100.115	ES
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	2,900.00	2,851.06	2,495.43	2,387.78	23.182	SF
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	326.52	333.70	2,033.70	2,026.20	271.405	CC, ES
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,300.00	7,316.11	2,491.31	2,449.88	60.132	SF
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	4,470.26	4,517.19	396.99	356.59	9.826	CC
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	4,500.00	4,546.38	397.04	356.53	9.800	ES
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	12,500.00	11,712.12	780.38	536.34	3.198	SF
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	4,341.62	4,407.10	204.57	158.99	4.489	CC
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	12,453.36	11,929.16	399.21	147.00	1.583	ES, SF
HERGERT #1-6 - PDC PR Well - No Surveys						Out of range
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,304.36	7,443.79	76.72	-25.36	0.752	Level 1, CC, ES, SF
HKS 6-23 - Noble SI Well - No Surveys	12,153.64	7,318.90	1,491.97	1,153.47	4.408	CC, ES
HKS 6-23 - Noble SI Well - No Surveys	12,200.00	7,318.63	1,492.69	1,153.55	4.401	SF
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,794.90	7,255.42	1,052.11	960.66	11.505	CC
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,800.00	7,255.12	1,052.12	960.61	11.497	ES
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,900.00	7,249.19	1,057.33	964.86	11.434	SF
HOUGHTON #1 - Amirmex P&A Well - No Surveys						Out of range
S B H 1 - Amirmex P&A Well - No Surveys	9,679.94	7,335.65	178.04	-121.86	0.594	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 - Actu						Out of range
Simonsen-Schaefer 7J-403 - PDC Planned Well - Planne						Out of range
Simonsen-Schaefer 7M-243 - PDC Planned Well - Plann						Out of range
WEBER 6-13 - Noble SI Well - Actual Coretech Surveys	9,627.66	7,324.32	1,376.60	1,317.67	23.359	CC, ES
WEBER 6-13 - Noble SI Well - Actual Coretech Surveys	9,900.00	7,324.83	1,403.28	1,341.33	22.652	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	15,257.27	11,724.83	593.53	463.01	4.547	CC, ES, SF
7N-66W-31 Offsets Incomplete						
Schneider X-31-36HN - PDC Planned Well - Planned En	15,257.27	14,885.02	737.62	350.19	1.904	CC, ES, SF

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Anticollision Report

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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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
7N-67W-36 Offsets Incomplete						
Baldridge 1-1 - SRC PR Well - Actual Ensign Surveys	13,659.31	7,599.55	105.91	-39.61	0.728	Level 1, CC, ES, SF
Baldridge 17-1 - SRC PR Well - Actual Ensign Surveys	14,300.00	7,590.58	786.63	640.13	5.370	SF
Baldridge 17-1 - SRC PR Well - Actual Ensign Surveys	14,332.62	7,590.78	785.95	639.72	5.375	CC, ES
Baldridge 2-1 - SRC PR Well - Actual Ensign Surveys	14,977.13	7,388.03	111.42	-36.87	0.751	Level 1, CC, ES, SF
Baldridge 7-1 - SRC PR Well - Actual Ensign Surveys	15,008.93	7,776.19	1,425.44	1,271.22	9.243	CC, ES
Baldridge 7-1 - SRC PR Well - Actual Ensign Surveys	15,100.00	7,775.23	1,428.35	1,273.27	9.210	SF
Baldridge 8-1 - SRC PR Well - Actual Ensign Surveys	13,600.00	7,861.64	1,434.15	1,285.06	9.620	SF
Baldridge 8-1 - SRC PR Well - Actual Ensign Surveys	13,651.64	7,861.62	1,433.22	1,284.59	9.643	CC, ES
ICE MAN 2W-15-7N - XOG Planned Well - Planned MW						Out of range
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,652.13	7,591.88	1,226.76	1,082.37	8.496	CC, ES
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,700.00	7,591.80	1,227.70	1,082.82	8.474	SF
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys	14,307.57	7,493.55	1,886.39	1,742.57	13.116	CC, ES
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys	14,500.00	7,493.47	1,896.18	1,750.86	13.048	SF
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,312.12	7,377.19	650.17	508.20	4.579	CC, ES, 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)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	173.18	-60.48	7.23	60.91				
100.00	100.00	101.00	101.00	3.28	3.28	173.18	-60.48	7.23	60.91	53.38	7.53	8.089	
200.00	200.00	201.00	201.00	3.31	3.31	173.18	-60.48	7.23	60.91	53.33	7.57	8.041	CC
200.11	200.11	201.11	201.11	3.31	3.31	173.18	-60.48	7.23	60.91	53.33	7.57	8.041	ES
300.00	300.00	300.74	300.74	3.35	3.35	104.51	-60.53	7.67	61.12	53.46	7.66	7.978	
400.00	399.93	400.20	400.13	3.41	3.41	104.46	-60.97	11.13	62.85	55.06	7.79	8.073	
500.00	499.68	499.60	499.29	3.50	3.50	104.39	-61.83	18.01	66.28	58.32	7.96	8.331	
600.00	599.13	598.89	598.03	3.62	3.61	104.29	-63.12	28.28	71.42	63.24	8.18	8.731	
700.00	698.15	698.03	696.21	3.76	3.75	104.19	-64.83	41.92	78.25	69.79	8.46	9.246	
800.00	796.80	802.40	794.47	3.93	3.93	104.32	-66.82	57.84	86.24	77.42	8.82	9.776	
900.00	895.43	902.72	892.84	4.14	4.14	104.50	-68.83	73.82	94.28	85.05	9.23	10.219	
1,000.00	994.06	1,003.05	991.21	4.36	4.37	104.64	-70.83	89.80	102.31	92.63	9.67	10.577	
1,100.00	1,092.69	1,103.37	1,089.57	4.61	4.62	104.77	-72.84	105.78	110.34	100.18	10.16	10.862	
1,200.00	1,191.33	1,203.69	1,187.94	4.87	4.88	104.87	-74.84	121.77	118.37	107.70	10.68	11.087	
1,300.00	1,289.96	1,304.02	1,286.31	5.14	5.16	104.97	-76.85	137.75	126.41	115.19	11.22	11.264	
1,400.00	1,388.59	1,404.34	1,384.67	5.43	5.45	105.05	-78.85	153.73	134.44	122.65	11.79	11.403	
1,500.00	1,487.22	1,504.66	1,483.04	5.73	5.75	105.13	-80.86	169.72	142.48	130.10	12.38	11.510	
1,600.00	1,585.85	1,604.99	1,581.41	6.03	6.06	105.19	-82.86	185.70	150.51	137.53	12.98	11.592	
1,700.00	1,684.48	1,705.31	1,679.77	6.34	6.37	105.25	-84.87	201.68	158.55	144.94	13.60	11.655	
1,800.00	1,783.11	1,805.64	1,778.14	6.66	6.69	105.30	-86.87	217.66	166.58	152.35	14.23	11.708	
1,900.00	1,881.75	1,905.96	1,876.50	6.84	6.85	105.35	-88.88	233.65	174.62	160.43	14.18	12.310	
2,000.00	1,980.38	2,006.28	1,974.87	6.87	6.89	105.40	-90.88	249.63	182.65	168.39	14.26	12.811	
2,100.00	2,079.01	2,106.61	2,073.24	6.93	6.95	105.44	-92.89	265.61	190.69	176.32	14.36	13.276	
2,200.00	2,177.64	2,193.07	2,171.60	6.99	7.01	105.47	-94.89	281.60	198.72	184.23	14.49	13.716	
2,300.00	2,276.27	2,307.25	2,269.97	7.08	7.10	105.51	-96.90	297.58	206.76	192.09	14.66	14.099	
2,400.00	2,374.90	2,407.58	2,368.34	7.18	7.20	105.54	-98.90	313.56	214.79	199.93	14.86	14.455	
2,500.00	2,473.53	2,507.90	2,466.70	7.29	7.31	105.57	-100.91	329.54	222.83	207.75	15.08	14.775	
2,600.00	2,572.17	2,608.22	2,565.07	7.41	7.44	105.60	-102.91	345.53	230.86	215.53	15.33	15.060	
2,700.00	2,670.80	2,708.55	2,663.44	7.55	7.58	105.62	-104.92	361.51	238.90	223.30	15.60	15.310	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
2,800.00	2,769.43	2,808.87	2,761.80	7.70	7.73	105.65	-106.92	377.49	246.93	231.03	15.90	15.529	
2,900.00	2,868.06	2,909.19	2,860.17	7.86	7.90	105.67	-108.93	393.48	254.97	238.75	16.22	15.718	
3,000.00	2,966.69	3,009.52	2,958.54	8.03	8.07	105.69	-110.93	409.46	263.01	246.44	16.56	15.879	
3,100.00	3,065.32	3,090.16	3,056.90	8.21	8.22	105.71	-112.94	425.44	271.04	254.15	16.89	16.049	
3,200.00	3,163.95	3,189.84	3,155.27	8.40	8.41	105.73	-114.94	441.42	279.08	261.81	17.26	16.165	
3,300.00	3,262.59	3,289.51	3,253.63	8.60	8.61	105.75	-116.95	457.41	287.11	269.46	17.66	16.259	
3,400.00	3,361.22	3,389.19	3,352.00	8.80	8.82	105.76	-118.95	473.39	295.15	277.08	18.07	16.335	
3,500.00	3,459.85	3,488.87	3,450.37	9.02	9.03	105.78	-120.96	489.37	303.19	284.69	18.49	16.394	
3,600.00	3,558.48	3,588.54	3,548.73	9.24	9.25	105.79	-122.96	505.36	311.22	292.29	18.93	16.438	
3,700.00	3,657.11	3,688.22	3,647.10	9.46	9.48	105.81	-124.97	521.34	319.26	299.87	19.38	16.470	
3,800.00	3,755.74	3,787.90	3,745.47	9.70	9.72	105.82	-126.97	537.32	327.29	307.44	19.85	16.489	
3,900.00	3,854.37	3,887.57	3,843.83	9.94	9.96	105.83	-128.98	553.30	335.33	315.01	20.32	16.499	
4,000.00	3,953.01	3,987.25	3,942.20	10.18	10.20	105.85	-130.98	569.29	343.37	322.56	20.81	16.500	
4,100.00	4,051.64	4,086.93	4,040.57	10.43	10.45	105.86	-132.99	585.27	351.40	330.10	21.31	16.493	
4,200.00	4,150.27	4,186.60	4,138.93	10.68	10.71	105.87	-134.99	601.25	359.44	337.63	21.81	16.480	
4,300.00	4,248.90	4,286.28	4,237.30	10.94	10.97	105.88	-137.00	617.24	367.47	345.15	22.32	16.462	
4,400.00	4,347.53	4,385.96	4,335.66	11.20	11.23	105.89	-139.00	633.22	375.51	352.67	22.84	16.438	
4,500.00	4,446.16	4,485.63	4,434.03	11.47	11.50	105.90	-141.01	649.20	383.55	360.17	23.37	16.411	
4,600.00	4,544.79	4,585.31	4,532.40	11.74	11.77	105.91	-143.01	665.18	391.58	367.68	23.91	16.380	
4,700.00	4,643.43	4,684.99	4,630.76	12.01	12.04	105.92	-145.02	681.17	399.62	375.17	24.45	16.346	
4,800.00	4,742.06	4,784.66	4,729.13	12.28	12.32	105.93	-147.02	697.15	407.65	382.66	24.99	16.310	
4,900.00	4,840.69	4,884.34	4,827.50	12.56	12.60	105.93	-149.03	713.13	415.69	390.14	25.55	16.271	
5,000.00	4,939.32	4,984.02	4,925.86	12.84	12.88	105.94	-151.03	729.12	423.73	397.62	26.11	16.231	
5,100.00	5,037.95	5,083.69	5,024.23	13.12	13.17	105.95	-153.04	745.10	431.76	405.09	26.67	16.190	
5,200.00	5,136.58	5,183.37	5,122.60	13.41	13.45	105.96	-155.04	761.08	439.80	412.56	27.24	16.148	
5,300.00	5,235.22	5,283.04	5,220.96	13.69	13.74	105.96	-157.05	777.06	447.83	420.03	27.81	16.105	
5,400.00	5,333.85	5,382.72	5,319.33	13.98	14.04	105.97	-159.05	793.05	455.87	427.49	28.38	16.062	
5,500.00	5,432.48	5,482.40	5,417.69	14.27	14.33	105.98	-161.06	809.03	463.91	434.95	28.96	16.018	
5,600.00	5,531.11	5,582.07	5,516.06	14.57	14.62	105.98	-163.06	825.01	471.94	442.40	29.54	15.974	
5,700.00	5,629.74	5,681.75	5,614.43	14.86	14.92	105.99	-165.06	841.00	479.98	449.85	30.13	15.930	
5,800.00	5,728.37	5,781.43	5,712.79	15.16	15.22	106.00	-167.07	856.98	488.02	457.30	30.72	15.886	
5,900.00	5,827.00	5,881.10	5,811.16	15.45	15.52	106.00	-169.07	872.96	496.05	464.74	31.31	15.843	
6,000.00	5,925.64	5,980.78	5,909.53	15.75	15.82	106.01	-171.08	888.94	504.09	472.18	31.91	15.799	
6,100.00	6,024.27	6,080.46	6,007.89	16.05	16.12	106.01	-173.08	904.93	512.12	479.62	32.50	15.756	
6,200.00	6,122.90	6,180.13	6,106.26	16.35	16.42	106.02	-175.09	920.91	520.16	487.06	33.10	15.713	
6,300.00	6,221.53	6,279.81	6,204.63	16.66	16.73	106.02	-177.09	936.89	528.20	494.49	33.71	15.671	
6,400.00	6,320.16	6,379.49	6,302.99	16.96	17.03	106.03	-179.10	952.88	536.23	501.92	34.31	15.629	
6,500.00	6,418.79	6,479.16	6,401.36	17.26	17.34	106.03	-181.10	968.86	544.27	509.35	34.92	15.587	
6,600.00	6,517.42	6,578.84	6,499.73	17.57	17.65	106.04	-183.11	984.84	552.30	516.78	35.53	15.547	
6,700.00	6,616.13	6,679.42	6,599.00	17.86	17.95	113.00	-185.13	1,000.83	560.38	524.26	36.12	15.514	
6,800.00	6,715.79	6,786.45	6,705.72	18.05	18.15	-148.45	-187.41	1,006.78	568.70	532.19	36.51	15.577	
6,900.00	6,814.75	6,893.78	6,812.22	18.17	18.26	-110.85	-189.83	994.72	576.98	540.24	36.75	15.702	
7,000.00	6,910.58	7,001.22	6,915.27	18.23	18.30	-103.00	-192.34	964.93	585.03	548.17	36.86	15.874	
7,100.00	7,000.92	7,108.55	7,011.78	18.24	18.30	-99.34	-194.84	918.30	592.63	555.76	36.87	16.074	
7,200.00	7,083.54	7,215.59	7,098.86	18.23	18.28	-96.97	-197.28	856.32	599.62	562.78	36.84	16.274	
7,300.00	7,156.41	7,322.15	7,174.03	18.22	18.26	-95.16	-199.57	781.01	605.84	569.00	36.84	16.443	
7,400.00	7,217.74	7,428.03	7,235.26	18.25	18.29	-93.68	-201.65	694.79	611.15	574.21	36.94	16.545	
7,500.00	7,266.01	7,533.09	7,281.08	18.35	18.40	-92.41	-203.46	600.40	615.43	578.24	37.19	16.549	
7,600.00	7,300.04	7,637.20	7,310.57	18.55	18.61	-91.33	-204.97	500.69	618.60	580.97	37.63	16.438	
7,700.00	7,318.98	7,740.24	7,323.39	18.85	18.92	-90.41	-206.13	398.58	620.61	582.34	38.27	16.216	
7,800.00	7,322.85	7,840.93	7,323.52	19.26	19.34	-89.97	-207.01	297.90	621.51	582.40	39.11	15.891	
7,900.00	7,322.26	7,940.93	7,322.82	19.79	19.89	-89.96	-207.86	197.90	622.13	581.93	40.20	15.477	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
8,000.00	7,321.66	8,040.93	7,322.12	20.45	20.56	-89.95	-208.71	97.91	622.75	581.22	41.53	14.996	
8,100.00	7,321.06	8,140.93	7,321.42	21.22	21.34	-89.94	-209.56	-2.08	623.37	580.29	43.08	14.469	
8,200.00	7,320.47	8,240.92	7,320.72	22.09	22.23	-89.93	-210.41	-102.07	623.99	579.16	44.84	13.917	
8,300.00	7,319.87	8,340.92	7,320.02	23.05	23.21	-89.92	-211.26	-202.06	624.61	577.85	46.77	13.356	
8,400.00	7,319.28	8,440.92	7,319.32	24.08	24.26	-89.91	-212.11	-302.06	625.23	576.38	48.85	12.798	
8,500.00	7,318.68	8,540.92	7,318.62	25.18	25.38	-89.90	-212.96	-402.05	625.86	574.78	51.07	12.254	
8,600.00	7,318.08	8,640.92	7,317.92	26.35	26.56	-89.89	-213.81	-502.04	626.48	573.06	53.42	11.728	
8,700.00	7,317.49	8,740.91	7,317.22	27.56	27.79	-89.88	-214.67	-602.03	627.10	571.24	55.86	11.226	
8,800.00	7,316.89	8,840.91	7,316.52	28.82	29.07	-89.87	-215.52	-702.02	627.72	569.32	58.40	10.749	
8,900.00	7,316.29	8,940.91	7,315.82	30.12	30.38	-89.86	-216.37	-802.02	628.34	567.33	61.01	10.299	
9,000.00	7,315.70	9,040.91	7,315.12	31.46	31.73	-89.85	-217.22	-902.01	628.96	565.27	63.70	9.875	
9,100.00	7,315.10	9,140.91	7,314.42	32.82	33.11	-89.85	-218.07	-1,002.00	629.58	563.14	66.44	9.476	
9,200.00	7,314.51	9,240.90	7,313.72	34.22	34.51	-89.84	-218.92	-1,101.99	630.20	560.97	69.24	9.102	
9,300.00	7,313.91	9,340.90	7,313.02	35.64	35.94	-89.83	-219.77	-1,201.98	630.83	558.74	72.09	8.751	
9,400.00	7,313.31	9,440.90	7,312.33	37.08	37.39	-89.82	-220.62	-1,301.97	631.45	556.47	74.97	8.422	
9,500.00	7,312.72	9,540.90	7,311.63	38.53	38.86	-89.81	-221.47	-1,401.97	632.07	554.17	77.90	8.114	
9,600.00	7,312.12	9,640.90	7,310.93	40.01	40.34	-89.80	-222.32	-1,501.96	632.69	551.83	80.86	7.825	
9,700.00	7,311.53	9,740.89	7,310.23	41.50	41.84	-89.79	-223.17	-1,601.95	633.31	549.47	83.85	7.553	
9,800.00	7,310.93	9,840.89	7,309.53	43.00	43.35	-89.78	-224.02	-1,701.94	633.93	547.07	86.86	7.298	
9,900.00	7,310.33	9,940.89	7,308.83	44.52	44.87	-89.77	-224.87	-1,801.93	634.56	544.66	89.90	7.059	
10,000.00	7,309.74	10,040.89	7,308.13	46.05	46.40	-89.76	-225.72	-1,901.93	635.18	542.22	92.96	6.833	
10,100.00	7,309.14	10,140.89	7,307.43	47.58	47.94	-89.75	-226.58	-2,001.92	635.80	539.76	96.04	6.620	
10,200.00	7,308.55	10,240.88	7,306.73	49.13	49.49	-89.74	-227.43	-2,101.91	636.42	537.29	99.13	6.420	
10,300.00	7,307.95	10,340.88	7,306.03	50.68	51.05	-89.74	-228.28	-2,201.90	637.04	534.80	102.25	6.230	
10,400.00	7,307.35	10,440.88	7,305.33	52.24	52.62	-89.73	-229.13	-2,301.89	637.66	532.29	105.37	6.051	
10,500.00	7,306.76	10,540.88	7,304.63	53.81	54.19	-89.72	-229.98	-2,401.89	638.28	529.77	108.51	5.882	
10,600.00	7,306.16	10,640.88	7,303.93	55.39	55.76	-89.71	-230.83	-2,501.88	638.91	527.24	111.67	5.722	
10,700.00	7,305.57	10,740.87	7,303.23	56.97	57.35	-89.70	-231.68	-2,601.87	639.53	524.70	114.83	5.569	
10,800.00	7,304.97	10,840.87	7,302.53	58.55	58.94	-89.69	-232.53	-2,701.86	640.15	522.15	118.00	5.425	
10,900.00	7,304.37	10,940.87	7,301.83	60.14	60.53	-89.68	-233.38	-2,801.85	640.77	519.58	121.19	5.287	
11,000.00	7,303.78	11,040.87	7,301.13	61.74	62.13	-89.67	-234.23	-2,901.85	641.39	517.01	124.38	5.157	
11,100.00	7,303.18	11,140.87	7,300.43	63.34	63.73	-89.66	-235.08	-3,001.84	642.01	514.43	127.58	5.032	
11,200.00	7,302.59	11,240.86	7,299.73	64.94	65.33	-89.65	-235.93	-3,101.83	642.64	511.85	130.79	4.914	
11,300.00	7,301.99	11,340.86	7,299.03	66.55	66.94	-89.65	-236.78	-3,201.82	643.26	509.26	134.00	4.800	
11,400.00	7,301.39	11,440.86	7,298.33	68.16	68.55	-89.64	-237.64	-3,301.81	643.88	506.66	137.22	4.692	
11,500.00	7,300.80	11,540.86	7,297.63	69.77	70.17	-89.63	-238.49	-3,401.81	644.50	504.05	140.45	4.589	
11,600.00	7,300.20	11,640.86	7,296.93	71.38	71.78	-89.62	-239.34	-3,501.80	645.12	501.44	143.68	4.490	
11,700.00	7,299.61	11,740.85	7,296.24	73.00	73.40	-89.61	-240.19	-3,601.79	645.75	498.82	146.92	4.395	
11,800.00	7,299.01	11,840.85	7,295.54	74.62	75.03	-89.60	-241.04	-3,701.78	646.37	496.20	150.16	4.304	
11,900.00	7,298.41	11,940.85	7,294.84	76.25	76.65	-89.59	-241.89	-3,801.77	646.99	493.58	153.41	4.217	
12,000.00	7,297.82	12,040.85	7,294.14	77.87	78.28	-89.58	-242.74	-3,901.77	647.61	490.95	156.66	4.134	
12,100.00	7,297.22	12,140.85	7,293.44	79.50	79.90	-89.57	-243.59	-4,001.76	648.23	488.32	159.92	4.054	
12,200.00	7,296.63	12,240.84	7,292.74	81.13	81.53	-89.57	-244.44	-4,101.75	648.85	485.68	163.18	3.976	
12,300.00	7,296.03	12,340.84	7,292.04	82.76	83.17	-89.56	-245.29	-4,201.74	649.48	483.04	166.44	3.902	
12,400.00	7,295.43	12,440.84	7,291.34	84.39	84.80	-89.55	-246.14	-4,301.73	650.10	480.39	169.70	3.831	
12,500.00	7,294.84	12,540.84	7,290.64	86.03	86.44	-89.54	-246.99	-4,401.73	650.72	477.75	172.97	3.762	
12,600.00	7,294.24	12,640.84	7,289.94	87.66	88.07	-89.53	-247.84	-4,501.72	651.34	475.10	176.25	3.696	
12,700.00	7,293.65	12,740.83	7,289.24	89.30	89.71	-89.52	-248.69	-4,601.71	651.96	472.44	179.52	3.632	
12,800.00	7,293.05	12,840.83	7,288.54	90.94	91.35	-89.51	-249.55	-4,701.70	652.59	469.79	182.80	3.570	
12,900.00	7,292.45	12,940.83	7,287.84	92.58	92.99	-89.51	-250.40	-4,801.69	653.21	467.13	186.08	3.510	
13,000.00	7,291.86	13,040.83	7,287.14	94.22	94.63	-89.50	-251.25	-4,901.69	653.83	464.47	189.36	3.453	
13,100.00	7,291.26	13,140.83	7,286.44	95.86	96.27	-89.49	-252.10	-5,001.68	654.45	461.81	192.65	3.397	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
13,200.00	7,290.67	13,240.82	7,285.74	97.50	97.92	-89.48	-252.95	-5,101.67	655.07	459.14	195.93	3.343	
13,300.00	7,290.07	13,340.82	7,285.04	99.15	99.56	-89.47	-253.80	-5,201.66	655.70	456.47	199.22	3.291	
13,400.00	7,289.47	13,440.82	7,284.34	100.80	101.21	-89.46	-254.65	-5,301.65	656.32	453.81	202.51	3.241	
13,500.00	7,288.88	13,540.82	7,283.64	102.44	102.86	-89.45	-255.50	-5,401.64	656.94	451.13	205.81	3.192	
13,600.00	7,288.28	13,640.82	7,282.94	104.09	104.50	-89.45	-256.35	-5,501.64	657.56	448.46	209.10	3.145	
13,700.00	7,287.69	13,740.81	7,282.24	105.74	106.15	-89.44	-257.20	-5,601.63	658.18	445.79	212.40	3.099	
13,800.00	7,287.09	13,840.81	7,281.54	107.39	107.80	-89.43	-258.05	-5,701.62	658.81	443.11	215.69	3.054	
13,900.00	7,286.49	13,940.81	7,280.84	109.04	109.45	-89.42	-258.90	-5,801.61	659.43	440.44	218.99	3.011	
14,000.00	7,285.90	14,040.81	7,280.15	110.69	111.10	-89.41	-259.75	-5,901.60	660.05	437.76	222.29	2.969	
14,100.00	7,285.30	14,140.81	7,279.45	112.34	112.75	-89.40	-260.61	-6,001.60	660.67	435.08	225.60	2.929	
14,200.00	7,284.71	14,240.80	7,278.75	113.99	114.41	-89.39	-261.46	-6,101.59	661.30	432.40	228.90	2.889	
14,300.00	7,284.11	14,340.80	7,278.05	115.64	116.06	-89.39	-262.31	-6,201.58	661.92	429.71	232.20	2.851	
14,400.00	7,283.51	14,440.80	7,277.35	117.30	117.71	-89.38	-263.16	-6,301.57	662.54	427.03	235.51	2.813	
14,500.00	7,282.92	14,540.80	7,276.65	118.95	119.37	-89.37	-264.01	-6,401.56	663.16	424.35	238.82	2.777	
14,600.00	7,282.32	14,640.80	7,275.95	120.61	121.02	-89.36	-264.86	-6,501.56	663.78	421.66	242.12	2.741	
14,700.00	7,281.73	14,740.79	7,275.25	122.26	122.68	-89.35	-265.71	-6,601.55	664.41	418.97	245.43	2.707	
14,800.00	7,281.13	14,840.79	7,274.55	123.92	124.33	-89.34	-266.56	-6,701.54	665.03	416.28	248.74	2.674	
14,900.00	7,280.53	14,940.79	7,273.85	125.57	125.99	-89.34	-267.41	-6,801.53	665.65	413.60	252.06	2.641	
15,000.00	7,279.94	15,040.79	7,273.15	127.23	127.64	-89.33	-268.26	-6,901.52	666.27	410.91	255.37	2.609	
15,100.00	7,279.34	15,140.79	7,272.45	128.89	129.30	-89.32	-269.11	-7,001.52	666.90	408.22	258.68	2.578	
15,200.00	7,278.75	15,240.78	7,271.75	130.54	130.96	-89.31	-269.96	-7,101.51	667.52	405.52	261.99	2.548	
15,257.27	7,278.40	15,298.06	7,271.35	131.49	131.91	-89.31	-270.45	-7,158.78	667.87	403.98	263.89	2.531	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	175.38	-99.82	8.06	100.15				
100.00	100.00	101.00	101.00	3.28	3.28	175.38	-99.82	8.06	100.15	92.62	7.53	13.301	
200.00	200.00	201.00	201.00	3.31	3.31	175.38	-99.82	8.06	100.15	92.57	7.57	13.222	CC
200.03	200.03	201.03	201.03	3.31	3.31	175.38	-99.82	8.06	100.15	92.57	7.57	13.222	ES
300.00	300.00	300.15	300.15	3.35	3.35	106.74	-100.00	8.46	100.49	92.83	7.66	13.117	
400.00	399.93	398.43	398.36	3.41	3.41	106.86	-101.41	11.56	103.17	95.39	7.78	13.259	
500.00	499.68	496.54	496.24	3.50	3.49	107.09	-104.19	17.72	108.52	100.57	7.95	13.654	
600.00	599.13	594.40	593.57	3.62	3.59	107.39	-108.35	26.90	116.52	108.35	8.16	14.271	
700.00	698.15	691.90	690.15	3.76	3.73	107.73	-113.84	39.05	127.16	118.72	8.44	15.066	
800.00	796.80	788.98	785.81	3.93	3.91	107.87	-120.66	54.12	140.11	131.34	8.78	15.966	
900.00	895.43	887.95	883.01	4.14	4.12	107.48	-128.34	71.07	153.92	144.75	9.17	16.777	
1,000.00	994.06	986.99	980.28	4.36	4.36	107.15	-136.02	88.04	167.73	158.11	9.62	17.436	
1,100.00	1,092.69	1,086.03	1,077.55	4.61	4.63	106.88	-143.70	105.01	181.55	171.45	10.11	17.966	
1,200.00	1,191.33	1,185.06	1,174.82	4.87	4.91	106.64	-151.38	121.98	195.38	184.75	10.62	18.388	
1,300.00	1,289.96	1,284.10	1,272.09	5.14	5.21	106.43	-159.06	138.95	209.20	198.03	11.17	18.724	
1,400.00	1,388.59	1,383.14	1,369.36	5.43	5.53	106.25	-166.73	155.92	223.03	211.28	11.75	18.988	
1,500.00	1,487.22	1,482.18	1,466.63	5.73	5.86	106.09	-174.41	172.89	236.86	224.52	12.34	19.197	
1,600.00	1,585.85	1,581.21	1,563.90	6.03	6.19	105.95	-182.09	189.86	250.69	237.74	12.95	19.360	
1,700.00	1,684.48	1,680.25	1,661.17	6.34	6.54	105.83	-189.77	206.82	264.52	250.95	13.57	19.487	
1,800.00	1,783.11	1,779.29	1,758.44	6.66	6.89	105.71	-197.45	223.79	278.35	264.14	14.21	19.585	
1,900.00	1,881.75	1,878.32	1,855.71	6.84	7.12	105.61	-205.13	240.76	292.19	277.98	14.21	20.557	
2,000.00	1,980.38	1,977.36	1,952.98	6.87	7.19	105.51	-212.81	257.73	306.02	291.71	14.32	21.374	
2,100.00	2,079.01	2,076.40	2,050.25	6.93	7.25	105.43	-220.49	274.70	319.86	305.44	14.42	22.184	
2,200.00	2,177.64	2,175.44	2,147.52	6.99	7.32	105.35	-228.17	291.67	333.70	319.15	14.55	22.932	
2,300.00	2,276.27	2,274.47	2,244.79	7.08	7.41	105.28	-235.85	308.64	347.53	332.82	14.71	23.618	
2,400.00	2,374.90	2,373.51	2,342.06	7.18	7.52	105.21	-243.53	325.61	361.37	346.46	14.91	24.241	
2,500.00	2,473.53	2,472.55	2,439.33	7.29	7.64	105.15	-251.21	342.57	375.21	360.08	15.13	24.802	
2,600.00	2,572.17	2,571.58	2,536.60	7.41	7.77	105.09	-258.89	359.54	389.05	373.67	15.38	25.302	
2,700.00	2,670.80	2,670.62	2,633.87	7.55	7.92	105.04	-266.57	376.51	402.89	387.24	15.65	25.744	
2,800.00	2,769.43	2,769.66	2,731.14	7.70	8.08	104.99	-274.25	393.48	416.73	400.78	15.95	26.131	
2,900.00	2,868.06	2,868.70	2,828.41	7.86	8.26	104.94	-281.93	410.45	430.57	414.30	16.27	26.466	
3,000.00	2,966.69	2,967.73	2,925.68	8.03	8.44	104.90	-289.61	427.42	444.41	427.80	16.61	26.753	
3,100.00	3,065.32	3,066.77	3,022.95	8.21	8.64	104.85	-297.29	444.39	458.25	441.27	16.97	26.997	
3,200.00	3,163.95	3,165.81	3,120.22	8.40	8.84	104.82	-304.97	461.36	472.09	454.73	17.36	27.201	
3,300.00	3,262.59	3,264.84	3,217.49	8.60	9.06	104.78	-312.65	478.32	485.93	468.17	17.75	27.370	
3,400.00	3,361.22	3,363.88	3,314.76	8.80	9.28	104.74	-320.33	495.29	499.77	481.60	18.17	27.505	
3,500.00	3,459.85	3,462.92	3,412.03	9.02	9.51	104.71	-328.00	512.26	513.61	495.01	18.60	27.613	
3,600.00	3,558.48	3,561.95	3,509.30	9.24	9.75	104.68	-335.68	529.23	527.45	508.40	19.05	27.694	
3,700.00	3,657.11	3,660.99	3,606.57	9.46	10.00	104.65	-343.36	546.20	541.29	521.79	19.50	27.753	
3,800.00	3,755.74	3,760.03	3,703.84	9.70	10.25	104.62	-351.04	563.17	555.13	535.16	19.97	27.792	
3,900.00	3,854.37	3,859.07	3,801.11	9.94	10.51	104.60	-358.72	580.14	568.97	548.52	20.46	27.814	
4,000.00	3,953.01	3,958.10	3,898.38	10.18	10.77	104.57	-366.40	597.11	582.82	561.87	20.95	27.821	
4,100.00	4,051.64	4,057.14	3,995.65	10.43	11.04	104.55	-374.08	614.07	596.66	575.21	21.45	27.815	
4,200.00	4,150.27	4,156.18	4,092.92	10.68	11.31	104.52	-381.76	631.04	610.50	588.54	21.96	27.798	
4,300.00	4,248.90	4,255.21	4,190.19	10.94	11.59	104.50	-389.44	648.01	624.34	601.86	22.48	27.770	
4,400.00	4,347.53	4,354.25	4,287.46	11.20	11.87	104.48	-397.12	664.98	638.18	615.17	23.01	27.735	
4,500.00	4,446.16	4,453.29	4,384.73	11.47	12.16	104.46	-404.80	681.95	652.03	628.48	23.55	27.692	
4,600.00	4,544.79	4,552.33	4,482.00	11.74	12.45	104.44	-412.48	698.92	665.87	641.78	24.09	27.643	
4,700.00	4,643.43	4,651.36	4,579.27	12.01	12.74	104.42	-420.16	715.89	679.71	655.07	24.64	27.590	
4,800.00	4,742.06	4,750.40	4,676.54	12.28	13.04	104.40	-427.84	732.86	693.55	668.36	25.19	27.532	
4,900.00	4,840.69	4,849.44	4,773.81	12.56	13.34	104.39	-435.52	749.82	707.39	681.64	25.75	27.470	
5,000.00	4,939.32	4,948.47	4,871.08	12.84	13.64	104.37	-443.20	766.79	721.24	694.92	26.32	27.406	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,047.51	4,968.35	13.12	13.94	104.35	-450.88	783.76	735.08	708.19	26.89	27.340	
5,200.00	5,136.58	5,146.55	5,065.62	13.41	14.25	104.34	-458.56	800.73	748.92	721.46	27.46	27.271	
5,300.00	5,235.22	5,245.59	5,162.89	13.69	14.56	104.32	-466.24	817.70	762.76	734.72	28.04	27.202	
5,400.00	5,333.85	5,344.62	5,260.16	13.98	14.87	104.31	-473.92	834.67	776.61	747.98	28.62	27.131	
5,500.00	5,432.48	5,443.66	5,357.43	14.27	15.18	104.30	-481.59	851.64	790.45	761.24	29.21	27.060	
5,600.00	5,531.11	5,542.70	5,454.70	14.57	15.50	104.28	-489.27	868.61	804.29	774.49	29.80	26.988	
5,700.00	5,629.74	5,641.73	5,551.97	14.86	15.81	104.27	-496.95	885.57	818.13	787.74	30.40	26.916	
5,800.00	5,728.37	5,740.77	5,649.24	15.16	16.13	104.26	-504.63	902.54	831.98	800.98	30.99	26.844	
5,900.00	5,827.00	5,839.81	5,746.51	15.45	16.45	104.25	-512.31	919.51	845.82	814.23	31.59	26.772	
6,000.00	5,925.64	5,938.85	5,843.78	15.75	16.77	104.23	-519.99	936.48	859.66	827.47	32.20	26.701	
6,100.00	6,024.27	6,037.88	5,941.05	16.05	17.09	104.22	-527.67	953.45	873.51	840.70	32.80	26.630	
6,200.00	6,122.90	6,136.92	6,038.32	16.35	17.42	104.21	-535.35	970.42	887.35	853.94	33.41	26.560	
6,300.00	6,221.53	6,235.96	6,135.59	16.66	17.74	104.20	-543.03	987.39	901.19	867.17	34.02	26.490	
6,400.00	6,320.16	6,334.99	6,232.86	16.96	18.07	104.19	-550.71	1,004.36	915.03	880.40	34.63	26.421	
6,500.00	6,418.79	6,434.03	6,330.13	17.26	18.39	104.18	-558.39	1,021.32	928.88	893.63	35.25	26.353	
6,600.00	6,517.42	6,535.08	6,429.40	17.57	18.72	104.18	-566.23	1,038.45	942.71	906.84	35.87	26.284	
6,700.00	6,616.13	6,647.31	6,540.93	17.86	18.93	112.01	-575.30	1,045.09	955.71	919.29	36.42	26.242	
6,800.00	6,715.79	6,756.21	6,648.60	18.05	19.05	-147.80	-584.45	1,032.68	968.82	932.06	36.76	26.353	
6,900.00	6,814.75	6,862.04	6,749.71	18.17	19.09	-108.62	-593.40	1,003.17	982.34	945.39	36.95	26.583	
7,000.00	6,910.58	6,964.96	6,842.02	18.23	19.08	-99.31	-601.94	958.75	995.97	958.94	37.03	26.898	
7,100.00	7,000.92	7,065.18	6,923.91	18.24	19.05	-94.33	-609.88	901.70	1,009.37	972.34	37.03	27.261	
7,200.00	7,083.54	7,162.97	6,994.23	18.23	19.00	-90.80	-617.08	834.27	1,022.20	985.20	37.00	27.628	
7,300.00	7,156.41	7,258.57	7,052.24	18.22	18.97	-88.03	-623.43	758.65	1,034.11	997.10	37.00	27.946	
7,400.00	7,217.74	7,352.26	7,097.49	18.25	18.96	-85.76	-628.86	676.89	1,044.77	1,007.67	37.10	28.162	
7,500.00	7,266.01	7,444.26	7,129.82	18.35	19.00	-83.92	-633.30	590.96	1,053.89	1,016.55	37.33	28.230	
7,600.00	7,300.04	7,534.80	7,149.26	18.55	19.11	-82.46	-636.73	502.68	1,061.19	1,023.45	37.73	28.122	
7,700.00	7,318.98	7,624.08	7,156.02	18.85	19.30	-81.37	-639.13	413.76	1,066.45	1,028.15	38.31	27.839	
7,800.00	7,322.85	7,722.62	7,155.10	19.26	19.64	-80.91	-641.09	315.25	1,069.20	1,030.06	39.14	27.317	
7,900.00	7,322.26	7,822.60	7,154.09	19.79	20.15	-80.90	-643.07	215.29	1,071.00	1,030.77	40.23	26.620	
8,000.00	7,321.66	7,922.59	7,153.07	20.45	20.80	-80.90	-645.05	115.33	1,072.80	1,031.23	41.57	25.810	
8,100.00	7,321.06	8,022.57	7,152.06	21.22	21.59	-80.89	-647.03	15.37	1,074.59	1,031.48	43.11	24.924	
8,200.00	7,320.47	8,122.55	7,151.04	22.09	22.48	-80.88	-649.01	-84.59	1,076.39	1,031.53	44.86	23.996	
8,300.00	7,319.87	8,222.54	7,150.02	23.05	23.46	-80.87	-650.99	-184.55	1,078.19	1,031.42	46.77	23.052	
8,400.00	7,319.28	8,322.52	7,149.01	24.08	24.52	-80.87	-652.98	-284.51	1,079.98	1,031.15	48.84	22.113	
8,500.00	7,318.68	8,422.50	7,147.99	25.18	25.65	-80.86	-654.96	-384.47	1,081.78	1,030.74	51.04	21.195	
8,600.00	7,318.08	8,522.49	7,146.97	26.35	26.84	-80.85	-656.94	-484.42	1,083.58	1,030.22	53.36	20.308	
8,700.00	7,317.49	8,622.47	7,145.96	27.56	28.08	-80.85	-658.92	-584.38	1,085.38	1,029.60	55.77	19.460	
8,800.00	7,316.89	8,722.46	7,144.94	28.82	29.36	-80.84	-660.90	-684.34	1,087.17	1,028.89	58.28	18.654	
8,900.00	7,316.29	8,822.44	7,143.92	30.12	30.68	-80.83	-662.88	-784.30	1,088.97	1,028.10	60.87	17.891	
9,000.00	7,315.70	8,922.42	7,142.91	31.46	32.03	-80.82	-664.86	-884.26	1,090.77	1,027.25	63.52	17.172	
9,100.00	7,315.10	9,022.41	7,141.89	32.82	33.41	-80.82	-666.85	-984.22	1,092.56	1,026.33	66.23	16.496	
9,200.00	7,314.51	9,122.39	7,140.87	34.22	34.81	-80.81	-668.83	-1,084.18	1,094.36	1,025.36	69.00	15.861	
9,300.00	7,313.91	9,222.37	7,139.86	35.64	36.24	-80.80	-670.81	-1,184.14	1,096.16	1,024.35	71.81	15.265	
9,400.00	7,313.31	9,322.36	7,138.84	37.08	37.69	-80.80	-672.79	-1,284.10	1,097.95	1,023.29	74.66	14.705	
9,500.00	7,312.72	9,422.34	7,137.82	38.53	39.16	-80.79	-674.77	-1,384.05	1,099.75	1,022.20	77.55	14.181	
9,600.00	7,312.12	9,522.33	7,136.81	40.01	40.64	-80.78	-676.75	-1,484.01	1,101.55	1,021.07	80.48	13.688	
9,700.00	7,311.53	9,622.31	7,135.79	41.50	42.13	-80.77	-678.74	-1,583.97	1,103.35	1,019.92	83.43	13.225	
9,800.00	7,310.93	9,722.29	7,134.77	43.00	43.64	-80.77	-680.72	-1,683.93	1,105.14	1,018.74	86.41	12.790	
9,900.00	7,310.33	9,822.28	7,133.76	44.52	45.16	-80.76	-682.70	-1,783.89	1,106.94	1,017.53	89.41	12.381	
10,000.00	7,309.74	9,922.26	7,132.74	46.05	46.69	-80.75	-684.68	-1,883.85	1,108.74	1,016.31	92.43	11.995	
10,100.00	7,309.14	10,022.24	7,131.72	47.58	48.23	-80.75	-686.66	-1,983.81	1,110.53	1,015.06	95.47	11.632	
10,200.00	7,308.55	10,122.23	7,130.71	49.13	49.78	-80.74	-688.64	-2,083.77	1,112.33	1,013.80	98.53	11.289	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,222.21	7,129.69	50.68	51.34	-80.73	-690.62	-2,183.73	1,114.13	1,012.52	101.61	10.965	
10,400.00	7,307.35	10,322.20	7,128.67	52.24	52.90	-80.73	-692.61	-2,283.69	1,115.93	1,011.23	104.70	10.659	
10,500.00	7,306.76	10,422.18	7,127.66	53.81	54.47	-80.72	-694.59	-2,383.64	1,117.72	1,009.92	107.80	10.369	
10,600.00	7,306.16	10,522.16	7,126.64	55.39	56.05	-80.71	-696.57	-2,483.60	1,119.52	1,008.61	110.91	10.094	
10,700.00	7,305.57	10,622.15	7,125.62	56.97	57.63	-80.71	-698.55	-2,583.56	1,121.32	1,007.28	114.04	9.833	
10,800.00	7,304.97	10,722.13	7,124.61	58.55	59.21	-80.70	-700.53	-2,683.52	1,123.11	1,005.94	117.17	9.585	
10,900.00	7,304.37	10,822.11	7,123.59	60.14	60.80	-80.69	-702.51	-2,783.48	1,124.91	1,004.59	120.32	9.349	
11,000.00	7,303.78	10,922.10	7,122.57	61.74	62.40	-80.69	-704.50	-2,883.44	1,126.71	1,003.24	123.47	9.125	
11,100.00	7,303.18	11,022.08	7,121.56	63.34	64.00	-80.68	-706.48	-2,983.40	1,128.51	1,001.87	126.63	8.912	
11,200.00	7,302.59	11,122.07	7,120.54	64.94	65.60	-80.67	-708.46	-3,083.36	1,130.30	1,000.50	129.80	8.708	
11,300.00	7,301.99	11,222.05	7,119.53	66.55	67.20	-80.67	-710.44	-3,183.32	1,132.10	999.12	132.98	8.513	
11,400.00	7,301.39	11,322.03	7,118.51	68.16	68.81	-80.66	-712.42	-3,283.27	1,133.90	997.74	136.16	8.328	
11,500.00	7,300.80	11,422.02	7,117.49	69.77	70.42	-80.65	-714.40	-3,383.23	1,135.70	996.35	139.35	8.150	
11,600.00	7,300.20	11,522.00	7,116.48	71.38	72.04	-80.65	-716.38	-3,483.19	1,137.49	994.95	142.54	7.980	
11,700.00	7,299.61	11,621.98	7,115.46	73.00	73.66	-80.64	-718.37	-3,583.15	1,139.29	993.55	145.74	7.817	
11,800.00	7,299.01	11,733.92	7,114.32	74.62	75.47	-80.63	-720.42	-3,695.07	1,140.99	991.86	149.13	7.651	
11,900.00	7,298.41	11,852.35	7,113.12	76.25	77.39	-80.60	-719.96	-3,813.48	1,140.36	987.77	152.58	7.474	
12,000.00	7,297.82	11,952.34	7,112.10	77.87	79.02	-80.57	-719.24	-3,913.47	1,139.49	983.70	155.79	7.314	
12,100.00	7,297.22	12,052.34	7,111.08	79.50	80.65	-80.54	-718.52	-4,013.46	1,138.63	979.62	159.01	7.161	
12,200.00	7,296.63	12,152.33	7,110.06	81.13	82.28	-80.51	-717.81	-4,113.44	1,137.76	975.54	162.22	7.014	
12,300.00	7,296.03	12,252.33	7,109.04	82.76	83.91	-80.48	-717.09	-4,213.43	1,136.90	971.46	165.44	6.872	
12,400.00	7,295.43	12,352.32	7,108.03	84.39	85.54	-80.46	-716.37	-4,313.42	1,136.03	967.37	168.66	6.736	
12,500.00	7,294.84	12,452.32	7,107.01	86.03	87.18	-80.43	-715.66	-4,413.40	1,135.17	963.28	171.89	6.604	
12,600.00	7,294.24	12,552.31	7,105.99	87.66	88.82	-80.40	-714.94	-4,513.39	1,134.31	959.19	175.11	6.477	
12,700.00	7,293.65	12,652.30	7,104.97	89.30	90.45	-80.37	-714.22	-4,613.38	1,133.44	955.10	178.34	6.355	
12,800.00	7,293.05	12,752.30	7,103.96	90.94	92.09	-80.34	-713.50	-4,713.36	1,132.58	951.01	181.58	6.238	
12,900.00	7,292.45	12,852.29	7,102.94	92.58	93.74	-80.31	-712.79	-4,813.35	1,131.72	946.91	184.81	6.124	
13,000.00	7,291.86	12,952.29	7,101.92	94.22	95.38	-80.28	-712.07	-4,913.34	1,130.86	942.81	188.04	6.014	
13,100.00	7,291.26	13,052.28	7,100.90	95.86	97.02	-80.25	-711.35	-5,013.32	1,129.99	938.71	191.28	5.907	
13,200.00	7,290.67	13,152.28	7,099.88	97.50	98.67	-80.22	-710.64	-5,113.31	1,129.13	934.61	194.52	5.805	
13,300.00	7,290.07	13,252.27	7,098.87	99.15	100.31	-80.19	-709.92	-5,213.30	1,128.27	930.51	197.76	5.705	
13,400.00	7,289.47	13,352.27	7,097.85	100.80	101.96	-80.16	-709.20	-5,313.28	1,127.41	926.41	201.00	5.609	
13,500.00	7,288.88	13,452.26	7,096.83	102.44	103.60	-80.14	-708.49	-5,413.27	1,126.55	922.30	204.25	5.516	
13,600.00	7,288.28	13,552.26	7,095.81	104.09	105.25	-80.11	-707.77	-5,513.26	1,125.69	918.20	207.49	5.425	
13,700.00	7,287.69	13,652.25	7,094.80	105.74	106.90	-80.08	-707.05	-5,613.25	1,124.83	914.09	210.74	5.338	
13,800.00	7,287.09	13,752.25	7,093.78	107.39	108.55	-80.05	-706.33	-5,713.23	1,123.97	909.99	213.98	5.253	
13,900.00	7,286.49	13,852.24	7,092.76	109.04	110.20	-80.02	-705.62	-5,813.22	1,123.11	905.88	217.23	5.170	
14,000.00	7,285.90	13,952.23	7,091.74	110.69	111.85	-79.99	-704.90	-5,913.21	1,122.25	901.77	220.48	5.090	
14,100.00	7,285.30	14,052.23	7,090.72	112.34	113.51	-79.96	-704.18	-6,013.19	1,121.39	897.66	223.73	5.012	
14,200.00	7,284.71	14,152.22	7,089.71	113.99	115.16	-79.93	-703.47	-6,113.18	1,120.53	893.56	226.98	4.937	
14,300.00	7,284.11	14,252.22	7,088.69	115.64	116.81	-79.90	-702.75	-6,213.17	1,119.68	889.45	230.23	4.863	
14,400.00	7,283.51	14,352.21	7,087.67	117.30	118.47	-79.87	-702.03	-6,313.15	1,118.82	885.34	233.48	4.792	
14,500.00	7,282.92	14,452.21	7,086.65	118.95	120.12	-79.84	-701.31	-6,413.14	1,117.96	881.23	236.73	4.722	
14,600.00	7,282.32	14,552.20	7,085.64	120.61	121.78	-79.81	-700.60	-6,513.13	1,117.10	877.12	239.99	4.655	
14,700.00	7,281.73	14,652.20	7,084.62	122.26	123.43	-79.78	-699.88	-6,613.11	1,116.25	873.01	243.24	4.589	
14,800.00	7,281.13	14,752.19	7,083.60	123.92	125.09	-79.75	-699.16	-6,713.10	1,115.39	868.90	246.49	4.525	
14,900.00	7,280.53	14,852.19	7,082.58	125.57	126.74	-79.72	-698.45	-6,813.09	1,114.53	864.78	249.75	4.463	
15,000.00	7,279.94	14,952.18	7,081.56	127.23	128.40	-79.69	-697.73	-6,913.07	1,113.68	860.67	253.00	4.402	
15,100.00	7,279.34	15,052.18	7,080.55	128.89	130.06	-79.66	-697.01	-7,013.06	1,112.82	856.56	256.26	4.343	
15,200.00	7,278.75	15,152.17	7,079.53	130.54	131.72	-79.63	-696.30	-7,113.05	1,111.97	852.45	259.51	4.285	
15,257.27	7,278.40	15,209.44	7,078.95	131.49	132.67	-79.61	-695.88	-7,170.31	1,111.48	850.10	261.38	4.252	SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	175.42	-79.78	6.39	80.04				
100.00	100.00	101.00	101.00	3.28	3.28	175.42	-79.78	6.39	80.04	72.51	7.53	10.631	
200.00	200.00	201.00	201.00	3.31	3.31	175.42	-79.78	6.39	80.04	72.46	7.57	10.567	CC
203.31	203.31	204.31	204.31	3.31	3.31	106.77	-79.78	6.39	80.04	72.46	7.58	10.564	ES
300.00	300.00	300.59	300.59	3.35	3.35	106.87	-79.86	6.67	80.27	72.61	7.66	10.477	
400.00	399.93	399.57	399.51	3.41	3.41	107.10	-80.75	9.65	82.41	74.62	7.78	10.588	
500.00	499.68	498.45	498.17	3.50	3.49	107.35	-82.60	15.90	86.79	78.84	7.95	10.915	
600.00	599.13	597.16	596.38	3.62	3.60	107.57	-85.41	25.40	93.42	85.25	8.17	11.431	
700.00	698.15	695.62	693.95	3.76	3.74	107.76	-89.16	38.09	102.27	93.82	8.45	12.101	
800.00	796.80	805.75	791.19	3.93	3.93	107.67	-93.82	53.84	112.96	104.15	8.82	12.813	
900.00	895.43	906.36	889.07	4.14	4.15	107.37	-98.72	70.40	123.94	114.72	9.22	13.441	
1,000.00	994.06	1,006.97	986.95	4.36	4.38	107.11	-103.62	86.97	134.92	125.25	9.67	13.950	
1,100.00	1,092.69	1,107.57	1,084.83	4.61	4.64	106.89	-108.52	103.54	145.91	135.74	10.16	14.359	
1,200.00	1,191.33	1,208.18	1,182.71	4.87	4.92	106.70	-113.42	120.10	156.89	146.21	10.68	14.685	
1,300.00	1,289.96	1,291.22	1,280.59	5.14	5.16	106.53	-118.32	136.67	167.88	156.69	11.18	15.009	
1,400.00	1,388.59	1,409.39	1,378.47	5.43	5.52	106.39	-123.22	153.24	178.86	167.06	11.81	15.146	
1,500.00	1,487.22	1,510.00	1,476.36	5.73	5.84	106.26	-128.13	169.81	189.85	177.45	12.40	15.306	
1,600.00	1,585.85	1,589.40	1,574.24	6.03	6.09	106.15	-133.03	186.37	200.84	187.89	12.95	15.510	
1,700.00	1,684.48	1,688.79	1,672.12	6.34	6.42	106.05	-137.93	202.94	211.83	198.26	13.57	15.609	
1,800.00	1,783.11	1,788.18	1,770.00	6.66	6.75	105.96	-142.83	219.51	222.82	208.62	14.20	15.687	
1,900.00	1,881.75	1,887.58	1,867.88	6.84	6.95	105.87	-147.73	236.07	233.82	219.63	14.19	16.479	
2,000.00	1,980.38	1,986.97	1,965.76	6.87	7.01	105.80	-152.63	252.64	244.81	230.53	14.28	17.145	
2,100.00	2,079.01	2,086.36	2,063.64	6.93	7.07	105.73	-157.53	269.21	255.80	241.42	14.38	17.787	
2,200.00	2,177.64	2,185.76	2,161.52	6.99	7.14	105.66	-162.43	285.77	266.79	252.28	14.51	18.381	
2,300.00	2,276.27	2,285.15	2,259.40	7.08	7.22	105.61	-167.33	302.34	277.78	263.11	14.68	18.925	
2,400.00	2,374.90	2,384.54	2,357.28	7.18	7.32	105.55	-172.24	318.91	288.78	273.91	14.87	19.420	
2,500.00	2,473.53	2,483.94	2,455.16	7.29	7.44	105.50	-177.14	335.47	299.77	284.68	15.09	19.864	
2,600.00	2,572.17	2,583.33	2,553.04	7.41	7.57	105.46	-182.04	352.04	310.76	295.43	15.34	20.261	
2,700.00	2,670.80	2,682.73	2,650.92	7.55	7.71	105.41	-186.94	368.61	321.76	306.15	15.61	20.611	
2,800.00	2,769.43	2,782.12	2,748.80	7.70	7.87	105.37	-191.84	385.17	332.75	316.84	15.91	20.918	
2,900.00	2,868.06	2,881.51	2,846.68	7.86	8.03	105.33	-196.74	401.74	343.75	327.52	16.23	21.184	
3,000.00	2,966.69	2,980.91	2,944.56	8.03	8.21	105.30	-201.64	418.31	354.74	338.17	16.57	21.412	
3,100.00	3,065.32	3,080.30	3,042.44	8.21	8.40	105.27	-206.54	434.87	365.73	348.81	16.93	21.605	
3,200.00	3,163.95	3,179.69	3,140.32	8.40	8.60	105.23	-211.44	451.44	376.73	359.42	17.31	21.767	
3,300.00	3,262.59	3,279.09	3,238.21	8.60	8.80	105.20	-216.34	468.01	387.72	370.02	17.70	21.900	
3,400.00	3,361.22	3,378.48	3,336.09	8.80	9.02	105.18	-221.25	484.58	398.72	380.60	18.12	22.008	
3,500.00	3,459.85	3,477.87	3,433.97	9.02	9.24	105.15	-226.15	501.14	409.71	391.17	18.54	22.093	
3,600.00	3,558.48	3,577.27	3,531.85	9.24	9.47	105.13	-231.05	517.71	420.71	401.72	18.99	22.158	
3,700.00	3,657.11	3,676.66	3,629.73	9.46	9.71	105.10	-235.95	534.28	431.70	412.26	19.44	22.204	
3,800.00	3,755.74	3,776.05	3,727.61	9.70	9.95	105.08	-240.85	550.84	442.70	422.79	19.91	22.235	
3,900.00	3,854.37	3,875.45	3,825.49	9.94	10.20	105.06	-245.75	567.41	453.69	433.30	20.39	22.253	
4,000.00	3,953.01	3,974.84	3,923.37	10.18	10.46	105.04	-250.65	583.98	464.69	443.81	20.88	22.258	
4,100.00	4,051.64	4,074.24	4,021.25	10.43	10.71	105.02	-255.55	600.54	475.68	454.31	21.38	22.253	
4,200.00	4,150.27	4,173.63	4,119.13	10.68	10.98	105.00	-260.45	617.11	486.68	464.79	21.88	22.238	
4,300.00	4,248.90	4,273.02	4,217.01	10.94	11.25	104.98	-265.35	633.68	497.67	475.27	22.40	22.217	
4,400.00	4,347.53	4,372.42	4,314.89	11.20	11.52	104.96	-270.26	650.24	508.67	485.74	22.93	22.188	
4,500.00	4,446.16	4,471.81	4,412.77	11.47	11.80	104.95	-275.16	666.81	519.66	496.21	23.46	22.154	
4,600.00	4,544.79	4,571.20	4,510.65	11.74	12.08	104.93	-280.06	683.38	530.66	506.66	24.00	22.115	
4,700.00	4,643.43	4,670.60	4,608.53	12.01	12.36	104.92	-284.96	699.94	541.65	517.11	24.54	22.072	
4,800.00	4,742.06	4,769.99	4,706.41	12.28	12.64	104.90	-289.86	716.51	552.65	527.56	25.09	22.026	
4,900.00	4,840.69	4,869.38	4,804.29	12.56	12.93	104.89	-294.76	733.08	563.64	538.00	25.65	21.977	
5,000.00	4,939.32	4,968.78	4,902.17	12.84	13.22	104.87	-299.66	749.65	574.64	548.43	26.21	21.925	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,068.17	5,000.06	13.12	13.52	104.86	-304.56	766.21	585.63	558.86	26.78	21.872	
5,200.00	5,136.58	5,167.56	5,097.94	13.41	13.81	104.85	-309.46	782.78	596.63	569.28	27.35	21.818	
5,300.00	5,235.22	5,266.96	5,195.82	13.69	14.11	104.84	-314.36	799.35	607.63	579.70	27.92	21.762	
5,400.00	5,333.85	5,366.35	5,293.70	13.98	14.41	104.83	-319.27	815.91	618.62	590.12	28.50	21.706	
5,500.00	5,432.48	5,465.75	5,391.58	14.27	14.72	104.81	-324.17	832.48	629.62	600.53	29.08	21.649	
5,600.00	5,531.11	5,565.14	5,489.46	14.57	15.02	104.80	-329.07	849.05	640.61	610.94	29.67	21.591	
5,700.00	5,629.74	5,664.53	5,587.34	14.86	15.33	104.79	-333.97	865.61	651.61	621.35	30.26	21.534	
5,800.00	5,728.37	5,763.93	5,685.22	15.16	15.63	104.78	-338.87	882.18	662.60	631.75	30.85	21.476	
5,900.00	5,827.00	5,863.32	5,783.10	15.45	15.94	104.77	-343.77	898.75	673.60	642.15	31.45	21.419	
6,000.00	5,925.64	5,962.71	5,880.98	15.75	16.25	104.76	-348.67	915.31	684.60	652.55	32.05	21.362	
6,100.00	6,024.27	6,062.11	5,978.86	16.05	16.56	104.76	-353.57	931.88	695.59	662.94	32.65	21.305	
6,200.00	6,122.90	6,161.50	6,076.74	16.35	16.88	104.75	-358.47	948.45	706.59	673.33	33.25	21.249	
6,300.00	6,221.53	6,260.89	6,174.62	16.66	17.19	104.74	-363.38	965.01	717.58	683.72	33.86	21.193	
6,400.00	6,320.16	6,360.29	6,272.50	16.96	17.51	104.73	-368.28	981.58	728.58	694.11	34.47	21.138	
6,500.00	6,418.79	6,459.68	6,370.38	17.26	17.82	104.72	-373.18	998.15	739.57	704.50	35.08	21.084	
6,600.00	6,517.42	6,559.07	6,468.26	17.57	18.14	104.71	-378.08	1,014.71	750.57	714.88	35.69	21.030	
6,700.00	6,616.13	6,668.91	6,577.30	17.86	18.37	112.28	-383.60	1,025.48	761.02	724.77	36.25	20.994	
6,800.00	6,715.79	6,778.01	6,685.84	18.05	18.50	-147.89	-389.27	1,017.56	771.27	734.68	36.60	21.075	
6,900.00	6,814.75	6,884.87	6,789.30	18.17	18.56	-109.05	-394.82	991.94	781.66	744.87	36.79	21.244	
7,000.00	6,910.58	6,989.47	6,885.04	18.23	18.56	-100.06	-400.11	950.45	791.98	755.10	36.87	21.480	
7,100.00	7,000.92	7,091.85	6,970.95	18.24	18.54	-95.37	-405.01	895.18	801.98	765.11	36.87	21.752	
7,200.00	7,083.54	7,192.13	7,045.46	18.23	18.50	-92.10	-409.43	828.36	811.43	774.59	36.84	22.025	
7,300.00	7,156.41	7,290.44	7,107.45	18.22	18.49	-89.55	-413.28	752.29	820.08	783.24	36.84	22.258	
7,400.00	7,217.74	7,386.94	7,156.23	18.25	18.51	-87.47	-416.51	669.19	827.72	790.78	36.94	22.408	
7,500.00	7,266.01	7,481.80	7,191.41	18.35	18.60	-85.77	-419.08	581.23	834.11	796.94	37.17	22.438	
7,600.00	7,300.04	7,575.18	7,212.93	18.55	18.78	-84.41	-420.97	490.47	839.08	801.50	37.58	22.328	
7,700.00	7,318.98	7,667.27	7,220.95	18.85	19.03	-83.37	-422.17	398.82	842.47	804.31	38.16	22.077	
7,800.00	7,322.85	7,765.75	7,220.28	19.26	19.43	-82.95	-422.98	300.35	843.88	804.88	38.99	21.642	
7,900.00	7,322.26	7,865.74	7,219.40	19.79	19.97	-82.93	-423.80	200.36	844.49	804.41	40.08	21.068	
8,000.00	7,321.66	7,965.74	7,218.53	20.45	20.65	-82.92	-424.62	100.37	845.11	803.69	41.42	20.403	
8,100.00	7,321.06	8,065.74	7,217.66	21.22	21.44	-82.91	-425.43	0.38	845.73	802.75	42.98	19.679	
8,200.00	7,320.47	8,165.74	7,216.79	22.09	22.34	-82.89	-426.25	-99.61	846.34	801.62	44.73	18.923	
8,300.00	7,319.87	8,265.74	7,215.91	23.05	23.33	-82.88	-427.07	-199.60	846.96	800.31	46.65	18.155	
8,400.00	7,319.28	8,365.73	7,215.04	24.08	24.39	-82.87	-427.88	-299.60	847.58	798.85	48.73	17.393	
8,500.00	7,318.68	8,465.73	7,214.17	25.18	25.52	-82.85	-428.70	-399.59	848.19	797.25	50.94	16.650	
8,600.00	7,318.08	8,565.73	7,213.30	26.35	26.71	-82.84	-429.52	-499.58	848.81	795.54	53.27	15.933	
8,700.00	7,317.49	8,665.73	7,212.42	27.56	27.95	-82.82	-430.33	-599.57	849.43	793.72	55.70	15.249	
8,800.00	7,316.89	8,765.72	7,211.55	28.82	29.23	-82.81	-431.15	-699.56	850.04	791.82	58.23	14.599	
8,900.00	7,316.29	8,865.72	7,210.68	30.12	30.55	-82.80	-431.97	-799.55	850.66	789.83	60.83	13.985	
9,000.00	7,315.70	8,965.72	7,209.81	31.46	31.91	-82.78	-432.78	-899.54	851.28	787.78	63.49	13.407	
9,100.00	7,315.10	9,065.72	7,208.93	32.82	33.29	-82.77	-433.60	-999.53	851.89	785.67	66.22	12.864	
9,200.00	7,314.51	9,165.72	7,208.06	34.22	34.70	-82.76	-434.42	-1,099.52	852.51	783.51	69.00	12.355	
9,300.00	7,313.91	9,265.71	7,207.19	35.64	36.13	-82.74	-435.23	-1,199.51	853.13	781.30	71.83	11.877	
9,400.00	7,313.31	9,365.71	7,206.32	37.08	37.58	-82.73	-436.05	-1,299.50	853.75	779.05	74.70	11.429	
9,500.00	7,312.72	9,465.71	7,205.44	38.53	39.05	-82.72	-436.87	-1,399.49	854.36	776.76	77.60	11.009	
9,600.00	7,312.12	9,565.71	7,204.57	40.01	40.54	-82.70	-437.68	-1,499.48	854.98	774.44	80.54	10.615	
9,700.00	7,311.53	9,665.71	7,203.70	41.50	42.04	-82.69	-438.50	-1,599.48	855.60	772.09	83.51	10.246	
9,800.00	7,310.93	9,765.70	7,202.83	43.00	43.55	-82.68	-439.32	-1,699.47	856.21	769.71	86.50	9.898	
9,900.00	7,310.33	9,865.70	7,201.96	44.52	45.07	-82.66	-440.13	-1,799.46	856.83	767.31	89.52	9.572	
10,000.00	7,309.74	9,965.70	7,201.08	46.05	46.61	-82.65	-440.95	-1,899.45	857.45	764.89	92.56	9.264	
10,100.00	7,309.14	10,065.70	7,200.21	47.58	48.15	-82.64	-441.77	-1,999.44	858.07	762.45	95.61	8.974	
10,200.00	7,308.55	10,165.70	7,199.34	49.13	49.70	-82.62	-442.58	-2,099.43	858.68	760.00	98.69	8.701	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,265.69	7,198.47	50.68	51.26	-82.61	-443.40	-2,199.42	859.30	757.53	101.78	8.443	
10,400.00	7,307.35	10,365.69	7,197.59	52.24	52.83	-82.60	-444.21	-2,299.41	859.92	755.04	104.88	8.199	
10,500.00	7,306.76	10,465.69	7,196.72	53.81	54.40	-82.58	-445.03	-2,399.40	860.54	752.54	108.00	7.968	
10,600.00	7,306.16	10,565.69	7,195.85	55.39	55.98	-82.57	-445.85	-2,499.39	861.15	750.03	111.13	7.749	
10,700.00	7,305.57	10,665.68	7,194.98	56.97	57.56	-82.56	-446.66	-2,599.38	861.77	747.51	114.27	7.542	
10,800.00	7,304.97	10,765.68	7,194.10	58.55	59.15	-82.54	-447.48	-2,699.37	862.39	744.98	117.41	7.345	
10,900.00	7,304.37	10,865.68	7,193.23	60.14	60.74	-82.53	-448.30	-2,799.36	863.01	742.43	120.57	7.158	
11,000.00	7,303.78	10,965.68	7,192.36	61.74	62.34	-82.52	-449.11	-2,899.36	863.63	739.89	123.74	6.979	
11,100.00	7,303.18	11,065.68	7,191.49	63.34	63.94	-82.50	-449.93	-2,999.35	864.24	737.33	126.92	6.810	
11,200.00	7,302.59	11,165.67	7,190.61	64.94	65.55	-82.49	-450.75	-3,099.34	864.86	734.76	130.10	6.648	
11,300.00	7,301.99	11,265.67	7,189.74	66.55	67.16	-82.48	-451.56	-3,199.33	865.48	732.19	133.29	6.493	
11,400.00	7,301.39	11,365.67	7,188.87	68.16	68.77	-82.47	-452.38	-3,299.32	866.10	729.61	136.48	6.346	
11,500.00	7,300.80	11,465.67	7,188.00	69.77	70.38	-82.45	-453.20	-3,399.31	866.72	727.03	139.68	6.205	
11,600.00	7,300.20	11,565.67	7,187.12	71.38	72.00	-82.44	-454.01	-3,499.30	867.33	724.44	142.89	6.070	
11,700.00	7,299.61	11,665.66	7,186.25	73.00	73.62	-82.43	-454.83	-3,599.29	867.95	721.85	146.10	5.941	
11,800.00	7,299.01	11,765.66	7,185.38	74.62	75.24	-82.41	-455.65	-3,699.28	868.57	719.25	149.32	5.817	
11,900.00	7,298.41	11,865.66	7,184.51	76.25	76.87	-82.40	-456.46	-3,799.27	869.19	716.65	152.54	5.698	
12,000.00	7,297.82	11,965.66	7,183.63	77.87	78.49	-82.39	-457.28	-3,899.26	869.81	714.04	155.76	5.584	
12,100.00	7,297.22	12,065.66	7,182.76	79.50	80.12	-82.37	-458.10	-3,999.25	870.43	711.43	158.99	5.475	
12,200.00	7,296.63	12,165.65	7,181.89	81.13	81.75	-82.36	-458.91	-4,099.24	871.04	708.82	162.23	5.369	
12,300.00	7,296.03	12,265.65	7,181.02	82.76	83.39	-82.35	-459.73	-4,199.24	871.66	706.20	165.46	5.268	
12,400.00	7,295.43	12,365.65	7,180.14	84.39	85.02	-82.34	-460.55	-4,299.23	872.28	703.58	168.70	5.171	
12,500.00	7,294.84	12,465.65	7,179.27	86.03	86.65	-82.32	-461.36	-4,399.22	872.90	700.96	171.94	5.077	
12,600.00	7,294.24	12,565.64	7,178.40	87.66	88.29	-82.31	-462.18	-4,499.21	873.52	698.33	175.19	4.986	
12,700.00	7,293.65	12,665.64	7,177.53	89.30	89.93	-82.30	-463.00	-4,599.20	874.14	695.70	178.43	4.899	
12,800.00	7,293.05	12,765.64	7,176.65	90.94	91.57	-82.29	-463.81	-4,699.19	874.76	693.07	181.68	4.815	
12,900.00	7,292.45	12,865.64	7,175.78	92.58	93.21	-82.27	-464.63	-4,799.18	875.38	690.44	184.94	4.733	
13,000.00	7,291.86	12,965.64	7,174.91	94.22	94.85	-82.26	-465.45	-4,899.17	875.99	687.80	188.19	4.655	
13,100.00	7,291.26	13,065.63	7,174.04	95.86	96.49	-82.25	-466.26	-4,999.16	876.61	685.17	191.45	4.579	
13,200.00	7,290.67	13,165.63	7,173.16	97.50	98.14	-82.23	-467.08	-5,099.15	877.23	682.53	194.70	4.505	
13,300.00	7,290.07	13,265.63	7,172.29	99.15	99.78	-82.22	-467.89	-5,199.14	877.85	679.89	197.96	4.434	
13,400.00	7,289.47	13,365.63	7,171.42	100.80	101.43	-82.21	-468.71	-5,299.13	878.47	677.24	201.23	4.366	
13,500.00	7,288.88	13,465.63	7,170.55	102.44	103.08	-82.20	-469.53	-5,399.12	879.09	674.60	204.49	4.299	
13,600.00	7,288.28	13,565.62	7,169.68	104.09	104.72	-82.18	-470.34	-5,499.11	879.71	671.95	207.76	4.234	
13,700.00	7,287.69	13,665.62	7,168.80	105.74	106.37	-82.17	-471.16	-5,599.11	880.33	669.30	211.02	4.172	
13,800.00	7,287.09	13,765.62	7,167.93	107.39	108.02	-82.16	-471.98	-5,699.10	880.95	666.66	214.29	4.111	
13,900.00	7,286.49	13,865.62	7,167.06	109.04	109.67	-82.15	-472.79	-5,799.09	881.57	664.00	217.56	4.052	
14,000.00	7,285.90	13,965.62	7,166.19	110.69	111.32	-82.13	-473.61	-5,899.08	882.18	661.35	220.83	3.995	
14,100.00	7,285.30	14,065.61	7,165.31	112.34	112.97	-82.12	-474.43	-5,999.07	882.80	658.70	224.10	3.939	
14,200.00	7,284.71	14,165.61	7,164.44	113.99	114.63	-82.11	-475.24	-6,099.06	883.42	656.05	227.38	3.885	
14,300.00	7,284.11	14,265.61	7,163.57	115.64	116.28	-82.10	-476.06	-6,199.05	884.04	653.39	230.65	3.833	
14,400.00	7,283.51	14,365.61	7,162.70	117.30	117.93	-82.08	-476.88	-6,299.04	884.66	650.74	233.93	3.782	
14,500.00	7,282.92	14,465.60	7,161.82	118.95	119.59	-82.07	-477.69	-6,399.03	885.28	648.08	237.20	3.732	
14,600.00	7,282.32	14,565.60	7,160.95	120.61	121.24	-82.06	-478.51	-6,499.02	885.90	645.42	240.48	3.684	
14,700.00	7,281.73	14,665.60	7,160.08	122.26	122.90	-82.05	-479.33	-6,599.01	886.52	642.76	243.76	3.637	
14,800.00	7,281.13	14,765.60	7,159.21	123.92	124.55	-82.03	-480.14	-6,699.00	887.14	640.10	247.04	3.591	
14,900.00	7,280.53	14,865.60	7,158.33	125.57	126.21	-82.02	-480.96	-6,798.99	887.76	637.44	250.32	3.547	
15,000.00	7,279.94	14,965.59	7,157.46	127.23	127.86	-82.01	-481.78	-6,898.99	888.38	634.78	253.60	3.503	
15,100.00	7,279.34	15,065.59	7,156.59	128.89	129.52	-82.00	-482.59	-6,998.98	889.00	632.12	256.88	3.461	
15,200.00	7,278.75	15,165.59	7,155.72	130.54	131.18	-81.98	-483.41	-7,098.97	889.62	629.46	260.16	3.419	
15,257.27	7,278.40	15,222.86	7,155.22	131.49	132.13	-81.98	-483.88	-7,156.24	889.97	627.93	262.04	3.396	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	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	297.80	297.79	3.35	3.35	106.63	-200.03	16.86	200.91	193.25	7.66	26.238	
400.00	399.93	392.53	392.42	3.41	3.40	106.69	-203.00	19.75	205.28	197.51	7.77	26.412	
500.00	499.68	486.91	486.52	3.50	3.48	107.00	-208.18	24.79	213.19	205.26	7.93	26.884	
600.00	599.13	580.76	579.81	3.62	3.58	107.50	-215.53	31.95	224.64	216.51	8.13	27.617	
700.00	698.15	673.89	672.00	3.76	3.71	108.12	-224.99	41.15	239.63	231.24	8.39	28.559	
800.00	796.80	766.23	762.92	3.93	3.88	108.89	-236.48	52.34	257.83	249.12	8.70	29.632	
900.00	895.43	857.81	852.55	4.14	4.08	109.22	-249.94	65.45	278.40	269.34	9.06	30.740	
1,000.00	994.06	948.96	941.12	4.36	4.33	109.11	-265.37	80.46	301.24	291.78	9.46	31.855	
1,100.00	1,092.69	1,046.07	1,035.17	4.61	4.63	108.85	-282.72	97.36	325.05	315.11	9.94	32.715	
1,200.00	1,191.33	1,143.19	1,129.21	4.87	4.97	108.63	-300.07	114.25	348.86	338.41	10.45	33.377	
1,300.00	1,289.96	1,240.30	1,223.26	5.14	5.32	108.43	-317.42	131.14	372.68	361.68	11.00	33.878	
1,400.00	1,388.59	1,337.42	1,317.31	5.43	5.70	108.26	-334.78	148.03	396.51	384.93	11.58	34.245	
1,500.00	1,487.22	1,434.53	1,411.35	5.73	6.09	108.11	-352.13	164.92	420.33	408.16	12.17	34.532	
1,600.00	1,585.85	1,531.64	1,505.40	6.03	6.50	107.97	-369.48	181.82	444.16	431.37	12.79	34.727	
1,700.00	1,684.48	1,628.76	1,599.44	6.34	6.91	107.85	-386.84	198.71	468.00	454.57	13.42	34.863	
1,800.00	1,783.11	1,725.87	1,693.49	6.66	7.34	107.74	-404.19	215.60	491.83	477.76	14.07	34.953	
1,900.00	1,881.75	1,822.99	1,787.54	6.84	7.73	107.64	-421.54	232.49	515.66	501.32	14.34	35.953	
2,000.00	1,980.38	1,920.10	1,881.58	6.87	7.93	107.55	-438.89	249.39	539.50	525.14	14.36	37.559	
2,100.00	2,079.01	2,017.21	1,975.63	6.93	7.99	107.46	-456.25	266.28	563.34	548.88	14.46	38.968	
2,200.00	2,177.64	2,114.33	2,069.68	6.99	8.07	107.39	-473.60	283.17	587.18	572.59	14.58	40.267	
2,300.00	2,276.27	2,211.44	2,163.72	7.08	8.18	107.32	-490.95	300.06	611.02	596.28	14.74	41.452	
2,400.00	2,374.90	2,308.56	2,257.77	7.18	8.29	107.25	-508.30	316.96	634.86	619.93	14.93	42.527	
2,500.00	2,473.53	2,405.67	2,351.81	7.29	8.43	107.19	-525.66	333.85	658.70	643.55	15.15	43.481	
2,600.00	2,572.17	2,502.79	2,445.86	7.41	8.59	107.13	-543.01	350.74	682.54	667.14	15.40	44.329	
2,700.00	2,670.80	2,600.10	2,539.91	7.55	8.76	107.08	-560.36	367.63	706.38	690.71	15.67	45.071	
2,800.00	2,769.43	2,697.01	2,633.95	7.70	8.94	107.03	-577.71	384.53	730.23	714.25	15.97	45.714	
2,900.00	2,868.06	2,805.87	2,728.00	7.86	9.17	106.99	-595.07	401.42	754.07	737.75	16.32	46.203	
3,000.00	2,966.69	2,908.76	2,822.04	8.03	9.40	106.94	-612.42	418.31	777.91	761.23	16.68	46.632	
3,100.00	3,065.32	2,988.36	2,916.09	8.21	9.58	106.90	-629.77	435.20	801.76	784.74	17.02	47.112	
3,200.00	3,163.95	3,085.47	3,010.14	8.40	9.82	106.86	-647.12	452.09	825.60	808.19	17.41	47.427	
3,300.00	3,262.59	3,182.58	3,104.18	8.60	10.07	106.83	-664.48	468.99	849.45	831.63	17.82	47.679	
3,400.00	3,361.22	3,279.70	3,198.23	8.80	10.32	106.79	-681.83	485.88	873.29	855.05	18.24	47.873	
3,500.00	3,459.85	3,376.81	3,292.28	9.02	10.59	106.76	-699.18	502.77	897.14	878.45	18.68	48.018	
3,600.00	3,558.48	3,473.93	3,386.32	9.24	10.86	106.73	-716.53	519.66	920.98	901.84	19.14	48.118	
3,700.00	3,657.11	3,571.04	3,480.37	9.46	11.15	106.70	-733.89	536.56	944.83	925.22	19.61	48.179	
3,800.00	3,755.74	3,668.15	3,574.41	9.70	11.44	106.67	-751.24	553.45	968.68	948.58	20.09	48.207	
3,900.00	3,854.37	3,765.27	3,668.46	9.94	11.73	106.65	-768.59	570.34	992.52	971.93	20.59	48.205	
4,000.00	3,953.01	3,862.38	3,762.51	10.18	12.03	106.62	-785.94	587.23	1,016.37	995.27	21.10	48.178	
4,100.00	4,051.64	3,959.50	3,856.55	10.43	12.34	106.60	-803.30	604.13	1,040.21	1,018.60	21.61	48.130	
4,200.00	4,150.27	4,056.61	3,950.60	10.68	12.66	106.58	-820.65	621.02	1,064.06	1,041.92	22.14	48.063	
4,300.00	4,248.90	4,153.73	4,044.65	10.94	12.98	106.55	-838.00	637.91	1,087.91	1,065.23	22.67	47.980	
4,400.00	4,347.53	4,250.84	4,138.69	11.20	13.30	106.53	-855.35	654.80	1,111.76	1,088.54	23.22	47.884	
4,500.00	4,446.16	4,347.95	4,232.74	11.47	13.63	106.51	-872.71	671.69	1,135.60	1,111.83	23.77	47.777	
4,600.00	4,544.79	4,445.07	4,326.78	11.74	13.96	106.49	-890.06	688.59	1,159.45	1,135.12	24.33	47.661	
4,700.00	4,643.43	4,542.18	4,420.83	12.01	14.29	106.47	-907.41	705.48	1,183.30	1,158.41	24.89	47.537	
4,800.00	4,742.06	4,639.30	4,514.88	12.28	14.63	106.46	-924.76	722.37	1,207.15	1,181.68	25.46	47.408	
4,900.00	4,840.69	4,736.41	4,608.92	12.56	14.97	106.44	-942.12	739.26	1,230.99	1,204.95	26.04	47.273	
5,000.00	4,939.32	4,833.52	4,702.97	12.84	15.32	106.42	-959.47	756.16	1,254.84	1,228.22	26.62	47.135	
5,100.00	5,037.95	4,930.64	4,797.02	13.12	15.67	106.41	-976.82	773.05	1,278.69	1,251.48	27.21	46.993	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,200.00	5,136.58	5,027.75	4,891.06	13.41	16.02	106.39	-994.17	789.94	1,302.54	1,274.74	27.80	46.850	
5,300.00	5,235.22	5,124.87	4,985.11	13.69	16.37	106.38	-1,011.53	806.83	1,326.39	1,297.99	28.40	46.705	
5,400.00	5,333.85	5,221.98	5,079.15	13.98	16.72	106.36	-1,028.88	823.73	1,350.23	1,321.23	29.00	46.560	
5,500.00	5,432.48	5,319.10	5,173.20	14.27	17.08	106.35	-1,046.23	840.62	1,374.08	1,344.48	29.60	46.414	
5,600.00	5,531.11	5,416.21	5,267.25	14.57	17.44	106.34	-1,063.58	857.51	1,397.93	1,367.72	30.21	46.268	
5,700.00	5,629.74	5,513.32	5,361.29	14.86	17.80	106.32	-1,080.94	874.40	1,421.78	1,390.95	30.83	46.123	
5,800.00	5,728.37	5,610.44	5,455.34	15.16	18.17	106.31	-1,098.29	891.29	1,445.63	1,414.19	31.44	45.979	
5,900.00	5,827.00	5,707.55	5,549.39	15.45	18.53	106.30	-1,115.64	908.19	1,469.48	1,437.42	32.06	45.836	
6,000.00	5,925.64	5,804.67	5,643.43	15.75	18.90	106.29	-1,132.99	925.08	1,493.33	1,460.64	32.68	45.694	
6,100.00	6,024.27	5,901.78	5,737.48	16.05	19.26	106.28	-1,150.35	941.97	1,517.17	1,483.87	33.31	45.554	
6,200.00	6,122.90	6,001.11	5,831.52	16.35	19.64	106.27	-1,167.70	958.86	1,541.02	1,507.08	33.94	45.405	
6,300.00	6,221.53	6,103.99	5,925.57	16.66	20.03	106.26	-1,185.05	975.76	1,564.87	1,530.28	34.59	45.242	
6,400.00	6,320.16	6,206.88	6,019.62	16.96	20.43	106.25	-1,202.40	992.65	1,588.72	1,553.48	35.24	45.082	
6,500.00	6,418.79	6,290.24	6,113.66	17.26	20.75	106.24	-1,219.76	1,009.54	1,612.57	1,576.74	35.83	45.009	
6,600.00	6,517.42	6,387.35	6,207.71	17.57	21.12	106.23	-1,237.11	1,026.43	1,636.42	1,599.96	36.46	44.878	
6,700.00	6,616.13	6,484.44	6,301.74	17.86	21.50	113.59	-1,254.46	1,043.32	1,660.32	1,623.23	37.09	44.766	
6,800.00	6,715.79	6,580.46	6,394.72	18.05	21.87	-146.58	-1,271.62	1,060.02	1,685.09	1,647.51	37.58	44.841	
6,900.00	6,814.75	6,673.10	6,484.43	18.17	22.23	-108.18	-1,288.17	1,076.14	1,710.88	1,672.92	37.96	45.070	
7,000.00	6,910.58	6,760.07	6,568.65	18.23	22.57	-99.91	-1,303.71	1,091.26	1,737.73	1,699.50	38.23	45.450	
7,100.00	7,000.92	6,859.26	6,665.10	18.24	22.90	-96.34	-1,321.54	1,105.72	1,765.72	1,727.25	38.47	45.900	
7,200.00	7,083.54	6,990.05	6,793.41	18.23	23.15	-94.62	-1,345.51	1,102.84	1,793.40	1,754.73	38.68	46.371	
7,300.00	7,156.41	7,147.57	6,943.04	18.22	23.31	-93.76	-1,373.86	1,064.20	1,819.36	1,780.54	38.82	46.863	
7,400.00	7,217.74	7,339.85	7,105.95	18.25	23.33	-93.37	-1,405.35	968.49	1,841.80	1,802.88	38.93	47.317	
7,500.00	7,266.01	7,567.50	7,251.99	18.35	23.18	-92.90	-1,434.55	797.92	1,858.52	1,819.34	39.17	47.442	
7,600.00	7,300.04	7,600.00	7,328.84	18.55	23.18	-91.84	-1,451.25	590.74	1,867.61	1,828.16	39.45	47.347	
7,700.00	7,318.98	7,971.36	7,339.49	18.85	22.74	-90.66	-1,455.30	410.45	1,869.91	1,829.03	40.88	45.745	
7,800.00	7,322.85	8,071.17	7,338.58	19.26	22.72	-90.42	-1,456.27	310.66	1,870.88	1,829.14	41.74	44.820	
7,900.00	7,322.26	8,171.16	7,337.66	19.79	22.86	-90.41	-1,457.24	210.67	1,871.62	1,828.78	42.84	43.687	
8,000.00	7,321.66	8,271.16	7,336.74	20.45	23.29	-90.40	-1,458.21	110.68	1,872.36	1,828.19	44.17	42.387	
8,100.00	7,321.06	8,371.16	7,335.83	21.22	23.98	-90.39	-1,459.18	10.70	1,873.10	1,827.38	45.72	40.973	
8,200.00	7,320.47	8,471.15	7,334.91	22.09	24.85	-90.38	-1,460.15	-89.29	1,873.84	1,826.39	47.45	39.495	
8,300.00	7,319.87	8,571.15	7,334.00	23.05	25.82	-90.37	-1,461.12	-189.28	1,874.58	1,825.23	49.35	37.987	
8,400.00	7,319.28	8,671.15	7,333.08	24.08	26.87	-90.36	-1,462.10	-289.27	1,875.32	1,823.92	51.40	36.486	
8,500.00	7,318.68	8,771.14	7,332.17	25.18	27.98	-90.35	-1,463.07	-389.25	1,876.06	1,822.48	53.58	35.012	
8,600.00	7,318.08	8,871.14	7,331.25	26.35	29.14	-90.34	-1,464.04	-489.24	1,876.80	1,820.91	55.88	33.584	
8,700.00	7,317.49	8,971.14	7,330.34	27.56	30.36	-90.33	-1,465.01	-589.23	1,877.54	1,819.25	58.29	32.211	
8,800.00	7,316.89	9,071.13	7,329.42	28.82	31.61	-90.32	-1,465.98	-689.22	1,878.28	1,817.50	60.78	30.901	
8,900.00	7,316.29	9,171.13	7,328.50	30.12	32.90	-90.31	-1,466.95	-789.21	1,879.02	1,815.66	63.36	29.657	
9,000.00	7,315.70	9,271.13	7,327.59	31.46	34.22	-90.30	-1,467.93	-889.19	1,879.76	1,813.76	66.00	28.480	
9,100.00	7,315.10	9,371.12	7,326.67	32.82	35.57	-90.29	-1,468.90	-989.18	1,880.50	1,811.79	68.71	27.369	
9,200.00	7,314.51	9,471.12	7,325.76	34.22	36.95	-90.28	-1,469.87	-1,089.17	1,881.24	1,809.77	71.47	26.322	
9,300.00	7,313.91	9,571.12	7,324.84	35.64	38.34	-90.27	-1,470.84	-1,189.16	1,881.98	1,807.70	74.28	25.336	
9,400.00	7,313.31	9,671.11	7,323.93	37.08	39.76	-90.26	-1,471.81	-1,289.15	1,882.72	1,805.59	77.14	24.408	
9,500.00	7,312.72	9,771.11	7,323.01	38.53	41.20	-90.25	-1,472.78	-1,389.13	1,883.46	1,803.43	80.03	23.535	
9,600.00	7,312.12	9,871.11	7,322.09	40.01	42.65	-90.24	-1,473.76	-1,489.12	1,884.20	1,801.25	82.95	22.714	
9,700.00	7,311.53	9,971.10	7,321.18	41.50	44.12	-90.23	-1,474.73	-1,589.11	1,884.94	1,799.03	85.91	21.940	
9,800.00	7,310.93	10,071.10	7,320.26	43.00	45.60	-90.22	-1,475.70	-1,689.10	1,885.68	1,796.79	88.90	21.212	
9,900.00	7,310.33	10,171.10	7,319.35	44.52	47.10	-90.21	-1,476.67	-1,789.08	1,886.43	1,794.52	91.91	20.525	
10,000.00	7,309.74	10,271.09	7,318.43	46.05	48.60	-90.20	-1,477.64	-1,889.07	1,887.17	1,792.22	94.94	19.877	
10,100.00	7,309.14	10,371.09	7,317.52	47.58	50.12	-90.19	-1,478.61	-1,989.06	1,887.91	1,789.91	98.00	19.265	
10,200.00	7,308.55	10,471.09	7,316.60	49.13	51.65	-90.18	-1,479.59	-2,089.05	1,888.65	1,787.58	101.07	18.686	
10,300.00	7,307.95	10,571.09	7,315.69	50.68	53.18	-90.17	-1,480.56	-2,189.04	1,889.39	1,785.23	104.16	18.139	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,400.00	7,307.35	10,671.08	7,314.77	52.24	54.72	-90.16	-1,481.53	-2,289.02	1,890.13	1,782.86	107.27	17.621	
10,500.00	7,306.76	10,771.08	7,313.85	53.81	56.27	-90.15	-1,482.50	-2,389.01	1,890.87	1,780.48	110.39	17.129	
10,600.00	7,306.16	10,871.08	7,312.94	55.39	57.83	-90.14	-1,483.47	-2,489.00	1,891.61	1,778.09	113.52	16.663	
10,700.00	7,305.57	10,971.07	7,312.02	56.97	59.39	-90.13	-1,484.44	-2,588.99	1,892.35	1,775.69	116.67	16.220	
10,800.00	7,304.97	11,071.07	7,311.11	58.55	60.96	-90.12	-1,485.42	-2,688.97	1,893.10	1,773.27	119.82	15.799	
10,900.00	7,304.37	11,171.07	7,310.19	60.14	62.53	-90.11	-1,486.39	-2,788.96	1,893.84	1,770.84	122.99	15.398	
11,000.00	7,303.78	11,271.06	7,309.28	61.74	64.11	-90.10	-1,487.36	-2,888.95	1,894.58	1,768.41	126.17	15.016	
11,100.00	7,303.18	11,371.06	7,308.36	63.34	65.69	-90.09	-1,488.33	-2,988.94	1,895.32	1,765.97	129.35	14.652	
11,200.00	7,302.59	11,471.06	7,307.44	64.94	67.28	-90.08	-1,489.30	-3,088.93	1,896.06	1,763.52	132.55	14.305	
11,300.00	7,301.99	11,571.05	7,306.53	66.55	68.87	-90.07	-1,490.27	-3,188.91	1,896.80	1,761.06	135.75	13.973	
11,400.00	7,301.39	11,671.05	7,305.61	68.16	70.47	-90.06	-1,491.25	-3,288.90	1,897.54	1,758.59	138.95	13.656	
11,500.00	7,300.80	11,771.05	7,304.70	69.77	72.06	-90.05	-1,492.22	-3,388.89	1,898.29	1,756.12	142.17	13.352	
11,600.00	7,300.20	11,871.04	7,303.78	71.38	73.67	-90.05	-1,493.19	-3,488.88	1,899.03	1,753.64	145.39	13.062	
11,700.00	7,299.61	11,971.04	7,302.87	73.00	75.27	-90.04	-1,494.16	-3,588.87	1,899.77	1,751.15	148.62	12.783	
11,800.00	7,299.01	12,071.04	7,301.95	74.62	76.88	-90.03	-1,495.13	-3,688.85	1,900.51	1,748.66	151.85	12.516	
11,900.00	7,298.41	12,171.03	7,301.04	76.25	78.49	-90.02	-1,496.10	-3,788.84	1,901.25	1,746.17	155.08	12.260	
12,000.00	7,297.82	12,271.03	7,300.12	77.87	80.10	-90.01	-1,497.08	-3,888.83	1,902.00	1,743.67	158.32	12.013	
12,100.00	7,297.22	12,371.03	7,299.20	79.50	81.72	-90.00	-1,498.05	-3,988.82	1,902.74	1,741.17	161.57	11.777	
12,200.00	7,296.63	12,471.02	7,298.29	81.13	83.33	-89.99	-1,499.02	-4,088.80	1,903.48	1,738.66	164.82	11.549	
12,300.00	7,296.03	12,571.02	7,297.37	82.76	84.95	-89.98	-1,499.99	-4,188.79	1,904.22	1,736.15	168.07	11.330	
12,400.00	7,295.43	12,671.02	7,296.46	84.39	86.58	-89.97	-1,500.96	-4,288.78	1,904.96	1,733.63	171.33	11.119	
12,500.00	7,294.84	12,771.01	7,295.54	86.03	88.20	-89.96	-1,501.93	-4,388.77	1,905.71	1,731.12	174.59	10.915	
12,600.00	7,294.24	12,871.01	7,294.63	87.66	89.82	-89.95	-1,502.91	-4,488.76	1,906.45	1,728.59	177.85	10.719	
12,700.00	7,293.65	12,971.01	7,293.71	89.30	91.45	-89.94	-1,503.88	-4,588.74	1,907.19	1,726.07	181.12	10.530	
12,800.00	7,293.05	13,071.00	7,292.79	90.94	93.08	-89.93	-1,504.85	-4,688.73	1,907.93	1,723.54	184.39	10.347	
12,900.00	7,292.45	13,171.00	7,291.88	92.58	94.71	-89.92	-1,505.82	-4,788.72	1,908.68	1,721.01	187.66	10.171	
13,000.00	7,291.86	13,271.00	7,290.96	94.22	96.34	-89.91	-1,506.79	-4,888.71	1,909.42	1,718.48	190.94	10.000	
13,100.00	7,291.26	13,370.99	7,290.05	95.86	97.98	-89.90	-1,507.76	-4,988.69	1,910.16	1,715.94	194.22	9.835	
13,200.00	7,290.67	13,470.99	7,289.13	97.50	99.61	-89.89	-1,508.73	-5,088.68	1,910.90	1,713.40	197.50	9.676	
13,300.00	7,290.07	13,570.99	7,288.22	99.15	101.25	-89.88	-1,509.71	-5,188.67	1,911.65	1,710.86	200.78	9.521	
13,400.00	7,289.47	13,670.98	7,287.30	100.80	102.88	-89.87	-1,510.68	-5,288.66	1,912.39	1,708.32	204.07	9.371	
13,500.00	7,288.88	13,770.98	7,286.38	102.44	104.52	-89.86	-1,511.65	-5,388.65	1,913.13	1,705.78	207.35	9.226	
13,600.00	7,288.28	13,870.98	7,285.47	104.09	106.16	-89.85	-1,512.62	-5,488.63	1,913.87	1,703.23	210.64	9.086	
13,700.00	7,287.69	13,970.97	7,284.55	105.74	107.80	-89.84	-1,513.59	-5,588.62	1,914.62	1,700.69	213.93	8.950	
13,800.00	7,287.09	14,070.97	7,283.64	107.39	109.44	-89.83	-1,514.56	-5,688.61	1,915.36	1,698.14	217.22	8.817	
13,900.00	7,286.49	14,170.97	7,282.72	109.04	111.08	-89.82	-1,515.54	-5,788.60	1,916.10	1,695.58	220.52	8.689	
14,000.00	7,285.90	14,270.96	7,281.81	110.69	112.73	-89.82	-1,516.51	-5,888.59	1,916.85	1,693.03	223.81	8.564	
14,100.00	7,285.30	14,370.96	7,280.89	112.34	114.37	-89.81	-1,517.48	-5,988.57	1,917.59	1,690.48	227.11	8.443	
14,200.00	7,284.71	14,470.96	7,279.98	113.99	116.02	-89.80	-1,518.45	-6,088.56	1,918.33	1,687.92	230.41	8.326	
14,300.00	7,284.11	14,570.95	7,279.06	115.64	117.66	-89.79	-1,519.42	-6,188.55	1,919.08	1,685.37	233.71	8.211	
14,400.00	7,283.51	14,670.95	7,278.14	117.30	119.31	-89.78	-1,520.39	-6,288.54	1,919.82	1,682.81	237.01	8.100	
14,500.00	7,282.92	14,770.95	7,277.23	118.95	120.96	-89.77	-1,521.37	-6,388.52	1,920.56	1,680.25	240.31	7.992	
14,600.00	7,282.32	14,870.94	7,276.31	120.61	122.60	-89.76	-1,522.34	-6,488.51	1,921.31	1,677.69	243.62	7.887	
14,700.00	7,281.73	14,970.94	7,275.40	122.26	124.25	-89.75	-1,523.31	-6,588.50	1,922.05	1,675.13	246.92	7.784	
14,800.00	7,281.13	15,070.94	7,274.48	123.92	125.90	-89.74	-1,524.28	-6,688.49	1,922.79	1,672.56	250.23	7.684	
14,900.00	7,280.53	15,170.94	7,273.57	125.57	127.55	-89.73	-1,525.25	-6,788.48	1,923.54	1,670.00	253.54	7.587	
15,000.00	7,279.94	15,270.93	7,272.65	127.23	129.20	-89.72	-1,526.22	-6,888.46	1,924.28	1,667.43	256.85	7.492	
15,100.00	7,279.34	15,370.93	7,271.73	128.89	130.85	-89.71	-1,527.20	-6,988.45	1,925.02	1,664.87	260.16	7.400	
15,200.00	7,278.75	15,470.93	7,270.82	130.54	132.50	-89.70	-1,528.17	-7,088.44	1,925.77	1,662.30	263.46	7.309	
15,257.27	7,278.40	15,528.20	7,270.29	131.49	133.45	-89.70	-1,528.72	-7,145.71	1,926.19	1,660.83	265.36	7.259	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	2.00	2.00	3.28	3.28	175.43	-219.31	17.52	220.01				
100.00	100.00	102.00	102.00	3.28	3.28	175.43	-219.31	17.52	220.01	212.48	7.53	29.222	
200.00	200.00	202.00	202.00	3.31	3.31	175.43	-219.31	17.52	220.01	212.44	7.57	29.046	CC, ES
300.00	300.00	296.22	296.21	3.35	3.34	106.60	-220.48	18.63	221.47	213.81	7.66	28.930	
400.00	399.93	390.38	390.24	3.41	3.40	106.56	-223.89	21.88	226.36	218.59	7.77	29.132	
500.00	499.68	484.15	483.69	3.50	3.48	106.74	-229.51	27.23	234.79	226.87	7.93	29.618	
600.00	599.13	577.36	576.27	3.62	3.58	107.11	-237.29	34.63	246.76	238.63	8.13	30.347	
700.00	698.15	669.82	667.72	3.76	3.71	107.61	-247.15	44.02	262.24	253.86	8.39	31.267	
800.00	796.80	761.45	757.87	3.93	3.88	108.29	-259.03	55.34	280.93	272.23	8.70	32.302	
900.00	895.43	852.30	846.68	4.14	4.09	108.59	-272.86	68.51	302.01	292.95	9.05	33.364	
1,000.00	994.06	942.20	933.92	4.36	4.34	108.52	-288.55	83.45	325.38	315.93	9.45	34.434	
1,100.00	1,092.69	1,036.68	1,025.06	4.61	4.65	108.19	-306.61	100.65	350.47	340.55	9.92	35.334	
1,200.00	1,191.33	1,133.44	1,118.35	4.87	5.00	107.89	-325.19	118.34	375.67	365.23	10.44	35.983	
1,300.00	1,289.96	1,230.19	1,211.64	5.14	5.37	107.63	-343.77	136.04	400.88	389.88	10.99	36.461	
1,400.00	1,388.59	1,326.95	1,304.93	5.43	5.77	107.40	-362.36	153.73	426.10	414.52	11.58	36.801	
1,500.00	1,487.22	1,423.70	1,398.22	5.73	6.18	107.19	-380.94	171.43	451.32	439.14	12.18	37.055	
1,600.00	1,585.85	1,520.46	1,491.51	6.03	6.61	107.01	-399.52	189.13	476.54	463.74	12.80	37.217	
1,700.00	1,684.48	1,617.21	1,584.80	6.34	7.05	106.84	-418.11	206.82	501.78	488.33	13.45	37.320	
1,800.00	1,783.11	1,713.97	1,678.09	6.66	7.49	106.69	-436.69	224.52	527.01	512.91	14.10	37.376	
1,900.00	1,881.75	1,810.72	1,771.38	6.84	7.92	106.56	-455.27	242.22	552.25	537.85	14.40	38.350	
2,000.00	1,980.38	1,907.48	1,864.67	6.87	8.16	106.43	-473.86	259.91	577.49	563.04	14.45	39.978	
2,100.00	2,079.01	2,004.23	1,957.96	6.93	8.23	106.32	-492.44	277.61	602.73	588.19	14.54	41.465	
2,200.00	2,177.64	2,100.99	2,051.25	6.99	8.31	106.21	-511.02	295.31	627.97	613.31	14.66	42.835	
2,300.00	2,276.27	2,197.74	2,144.54	7.08	8.42	106.12	-529.61	313.00	653.22	638.40	14.82	44.082	
2,400.00	2,374.90	2,305.50	2,237.83	7.18	8.56	106.03	-548.19	330.70	678.47	663.45	15.02	45.172	
2,500.00	2,473.53	2,408.75	2,331.12	7.29	8.71	105.95	-566.77	348.40	703.72	688.47	15.25	46.146	
2,600.00	2,572.17	2,488.01	2,424.41	7.41	8.84	105.87	-585.36	366.09	728.97	713.49	15.48	47.099	
2,700.00	2,670.80	2,584.76	2,517.70	7.55	9.02	105.80	-603.94	383.79	754.22	738.47	15.75	47.875	
2,800.00	2,769.43	2,681.52	2,610.99	7.70	9.21	105.73	-622.52	401.49	779.47	763.42	16.06	48.544	
2,900.00	2,868.06	2,778.27	2,704.28	7.86	9.42	105.67	-641.11	419.18	804.73	788.34	16.38	49.114	
3,000.00	2,966.69	2,875.03	2,797.57	8.03	9.64	105.61	-659.69	436.88	829.98	813.25	16.74	49.593	
3,100.00	3,065.32	2,971.79	2,890.86	8.21	9.87	105.55	-678.27	454.58	855.24	838.13	17.11	49.990	
3,200.00	3,163.95	3,068.54	2,984.15	8.40	10.11	105.50	-696.86	472.27	880.49	862.99	17.50	50.311	
3,300.00	3,262.59	3,165.30	3,077.44	8.60	10.37	105.45	-715.44	489.97	905.75	887.84	17.91	50.565	
3,400.00	3,361.22	3,262.05	3,170.73	8.80	10.64	105.40	-734.02	507.67	931.01	912.67	18.34	50.758	
3,500.00	3,459.85	3,358.81	3,264.02	9.02	10.91	105.36	-752.60	525.36	956.26	937.48	18.79	50.899	
3,600.00	3,558.48	3,455.56	3,357.31	9.24	11.19	105.31	-771.19	543.06	981.52	962.28	19.25	50.993	
3,700.00	3,657.11	3,552.32	3,450.60	9.46	11.49	105.27	-789.77	560.76	1,006.78	987.06	19.72	51.046	
3,800.00	3,755.74	3,649.07	3,543.89	9.70	11.79	105.24	-808.35	578.45	1,032.04	1,011.83	20.21	51.064	
3,900.00	3,854.37	3,745.83	3,637.18	9.94	12.09	105.20	-826.94	596.15	1,057.30	1,036.59	20.71	51.051	
4,000.00	3,953.01	3,842.58	3,730.47	10.18	12.41	105.17	-845.52	613.85	1,082.56	1,061.34	21.22	51.012	
4,100.00	4,051.64	3,939.34	3,823.76	10.43	12.72	105.13	-864.10	631.54	1,107.82	1,086.08	21.74	50.950	
4,200.00	4,150.27	4,036.09	3,917.05	10.68	13.05	105.10	-882.69	649.24	1,133.08	1,110.81	22.27	50.869	
4,300.00	4,248.90	4,132.85	4,010.34	10.94	13.38	105.07	-901.27	666.94	1,158.34	1,135.53	22.81	50.772	
4,400.00	4,347.53	4,229.60	4,103.63	11.20	13.71	105.04	-919.85	684.63	1,183.61	1,160.24	23.36	50.661	
4,500.00	4,446.16	4,326.36	4,196.92	11.47	14.05	105.01	-938.44	702.33	1,208.87	1,184.95	23.92	50.538	
4,600.00	4,544.79	4,423.11	4,290.21	11.74	14.39	104.99	-957.02	720.03	1,234.13	1,209.65	24.48	50.407	
4,700.00	4,643.43	4,519.87	4,383.50	12.01	14.74	104.96	-975.60	737.72	1,259.39	1,234.34	25.05	50.268	
4,800.00	4,742.06	4,616.62	4,476.79	12.28	15.09	104.94	-994.19	755.42	1,284.65	1,259.02	25.63	50.122	
4,900.00	4,840.69	4,713.38	4,570.08	12.56	15.44	104.91	-1,012.77	773.11	1,309.92	1,283.70	26.21	49.972	
5,000.00	4,939.32	4,810.13	4,663.37	12.84	15.80	104.89	-1,031.35	790.81	1,335.18	1,308.38	26.80	49.818	
5,100.00	5,037.95	4,906.89	4,756.66	13.12	16.16	104.87	-1,049.94	808.51	1,360.44	1,333.05	27.39	49.662	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,200.00	5,136.58	5,003.64	4,849.95	13.41	16.52	104.85	-1,068.52	826.20	1,385.71	1,357.71	27.99	49.503	
5,300.00	5,235.22	5,100.40	4,943.24	13.69	16.89	104.83	-1,087.10	843.90	1,410.97	1,382.37	28.59	49.344	
5,400.00	5,333.85	5,202.85	5,036.53	13.98	17.27	104.81	-1,105.69	861.60	1,436.23	1,407.01	29.22	49.151	
5,500.00	5,432.48	5,293.91	5,129.82	14.27	17.62	104.79	-1,124.27	879.29	1,461.50	1,431.68	29.81	49.023	
5,600.00	5,531.11	5,390.66	5,223.11	14.57	17.99	104.77	-1,142.85	896.99	1,486.76	1,456.33	30.43	48.863	
5,700.00	5,629.74	5,487.42	5,316.40	14.86	18.37	104.75	-1,161.44	914.69	1,512.02	1,480.98	31.05	48.704	
5,800.00	5,728.37	5,584.17	5,409.69	15.16	18.74	104.74	-1,180.02	932.38	1,537.29	1,505.62	31.67	48.546	
5,900.00	5,827.00	5,680.93	5,502.98	15.45	19.12	104.72	-1,198.60	950.08	1,562.55	1,530.26	32.29	48.390	
6,000.00	5,925.64	5,777.68	5,596.27	15.75	19.50	104.70	-1,217.18	967.78	1,587.82	1,554.90	32.92	48.235	
6,100.00	6,024.27	5,874.44	5,689.56	16.05	19.88	104.69	-1,235.77	985.47	1,613.08	1,579.53	33.55	48.082	
6,200.00	6,122.90	5,971.19	5,782.85	16.35	20.26	104.67	-1,254.35	1,003.17	1,638.35	1,604.16	34.18	47.930	
6,300.00	6,221.53	6,067.95	5,876.14	16.66	20.64	104.66	-1,272.93	1,020.87	1,663.61	1,628.79	34.82	47.781	
6,400.00	6,320.16	6,164.70	5,969.43	16.96	21.02	104.65	-1,291.52	1,038.56	1,688.87	1,653.42	35.46	47.634	
6,500.00	6,418.79	6,261.46	6,062.72	17.26	21.41	104.63	-1,310.10	1,056.26	1,714.14	1,678.04	36.10	47.489	
6,600.00	6,517.42	6,358.21	6,156.01	17.57	21.80	104.62	-1,328.68	1,073.96	1,739.40	1,702.67	36.74	47.346	
6,700.00	6,616.13	6,454.94	6,249.28	17.86	22.18	112.02	-1,347.26	1,091.65	1,764.73	1,727.36	37.37	47.224	
6,800.00	6,715.79	6,557.73	6,348.54	18.05	22.57	-147.98	-1,367.05	1,109.53	1,791.17	1,753.29	37.88	47.279	
6,900.00	6,814.75	6,680.53	6,468.67	18.17	22.83	-109.16	-1,391.19	1,113.63	1,817.81	1,779.52	38.29	47.475	
7,000.00	6,910.58	6,807.65	6,591.39	18.23	23.01	-100.13	-1,416.14	1,093.05	1,843.60	1,805.05	38.55	47.823	
7,100.00	7,000.92	6,938.47	6,710.85	18.24	23.08	-95.35	-1,440.72	1,046.39	1,867.81	1,829.12	38.68	48.283	
7,200.00	7,083.54	7,071.86	6,820.38	18.23	23.08	-91.94	-1,463.60	974.20	1,889.76	1,851.01	38.75	48.773	
7,300.00	7,156.41	7,206.28	6,913.37	18.22	23.01	-89.19	-1,483.40	879.54	1,908.88	1,870.06	38.82	49.175	
7,400.00	7,217.74	7,339.85	6,984.42	18.25	22.89	-86.88	-1,498.99	767.81	1,924.68	1,885.68	39.00	49.347	
7,500.00	7,266.01	7,470.73	7,030.39	18.35	22.74	-84.92	-1,509.63	645.97	1,936.85	1,897.47	39.38	49.182	
7,600.00	7,300.04	7,597.35	7,050.72	18.55	22.59	-83.30	-1,515.15	521.33	1,945.17	1,905.20	39.98	48.660	
7,700.00	7,318.98	7,705.79	7,051.24	18.85	22.47	-82.19	-1,516.49	412.93	1,949.78	1,909.07	40.71	47.894	
7,800.00	7,322.85	7,805.57	7,049.94	19.26	22.45	-81.90	-1,517.37	313.16	1,951.41	1,909.81	41.61	46.901	
7,900.00	7,322.26	7,905.57	7,048.65	19.79	22.58	-81.88	-1,518.25	213.18	1,952.16	1,909.41	42.74	45.672	
8,000.00	7,321.66	8,005.57	7,047.35	20.45	23.00	-81.86	-1,519.13	113.20	1,952.90	1,908.79	44.10	44.279	
8,100.00	7,321.06	8,105.56	7,046.05	21.22	23.70	-81.85	-1,520.00	13.21	1,953.64	1,907.97	45.67	42.776	
8,200.00	7,320.47	8,205.56	7,044.75	22.09	24.59	-81.83	-1,520.88	-86.77	1,954.38	1,906.96	47.42	41.213	
8,300.00	7,319.87	8,305.55	7,043.45	23.05	25.58	-81.81	-1,521.76	-186.75	1,955.13	1,905.79	49.34	39.627	
8,400.00	7,319.28	8,405.55	7,042.15	24.08	26.65	-81.79	-1,522.64	-286.74	1,955.87	1,904.47	51.40	38.052	
8,500.00	7,318.68	8,505.54	7,040.85	25.18	27.78	-81.77	-1,523.52	-386.72	1,956.61	1,903.02	53.59	36.511	
8,600.00	7,318.08	8,605.54	7,039.55	26.35	28.96	-81.76	-1,524.40	-486.70	1,957.36	1,901.46	55.89	35.020	
8,700.00	7,317.49	8,705.53	7,038.25	27.56	30.19	-81.74	-1,525.28	-586.69	1,958.10	1,899.80	58.30	33.589	
8,800.00	7,316.89	8,805.53	7,036.95	28.82	31.46	-81.72	-1,526.16	-686.67	1,958.84	1,898.06	60.79	32.225	
8,900.00	7,316.29	8,905.52	7,035.65	30.12	32.77	-81.70	-1,527.04	-786.65	1,959.59	1,896.23	63.35	30.931	
9,000.00	7,315.70	9,005.52	7,034.35	31.46	34.10	-81.69	-1,527.91	-886.64	1,960.33	1,894.34	65.99	29.707	
9,100.00	7,315.10	9,105.52	7,033.05	32.82	35.46	-81.67	-1,528.79	-986.62	1,961.07	1,892.39	68.68	28.552	
9,200.00	7,314.51	9,205.51	7,031.75	34.22	36.85	-81.65	-1,529.67	-1,086.60	1,961.82	1,890.39	71.43	27.464	
9,300.00	7,313.91	9,305.51	7,030.45	35.64	38.26	-81.63	-1,530.55	-1,186.59	1,962.56	1,888.34	74.23	26.440	
9,400.00	7,313.31	9,405.50	7,029.15	37.08	39.69	-81.62	-1,531.43	-1,286.57	1,963.31	1,886.25	77.06	25.477	
9,500.00	7,312.72	9,505.50	7,027.85	38.53	41.14	-81.60	-1,532.31	-1,386.55	1,964.05	1,884.12	79.94	24.570	
9,600.00	7,312.12	9,605.49	7,026.55	40.01	42.60	-81.58	-1,533.19	-1,486.53	1,964.80	1,881.96	82.84	23.717	
9,700.00	7,311.53	9,705.49	7,025.25	41.50	44.08	-81.56	-1,534.07	-1,586.52	1,965.54	1,879.76	85.78	22.914	
9,800.00	7,310.93	9,805.48	7,023.95	43.00	45.57	-81.55	-1,534.95	-1,686.50	1,966.29	1,877.55	88.74	22.157	
9,900.00	7,310.33	9,905.48	7,022.65	44.52	47.07	-81.53	-1,535.82	-1,786.48	1,967.04	1,875.30	91.73	21.443	
10,000.00	7,309.74	10,005.47	7,021.36	46.05	48.58	-81.51	-1,536.70	-1,886.47	1,967.78	1,873.04	94.74	20.770	
10,100.00	7,309.14	10,105.47	7,020.06	47.58	50.10	-81.49	-1,537.58	-1,986.45	1,968.53	1,870.76	97.77	20.134	
10,200.00	7,308.55	10,205.46	7,018.76	49.13	51.64	-81.48	-1,538.46	-2,086.43	1,969.27	1,868.45	100.82	19.533	
10,300.00	7,307.95	10,305.46	7,017.46	50.68	53.18	-81.46	-1,539.34	-2,186.42	1,970.02	1,866.14	103.88	18.964	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,400.00	7,307.35	10,405.46	7,016.16	52.24	54.72	-81.44	-1,540.22	-2,286.40	1,970.77	1,863.81	106.96	18.425	
10,500.00	7,306.76	10,505.45	7,014.86	53.81	56.28	-81.42	-1,541.10	-2,386.38	1,971.51	1,861.46	110.06	17.914	
10,600.00	7,306.16	10,605.45	7,013.56	55.39	57.84	-81.41	-1,541.98	-2,486.37	1,972.26	1,859.10	113.16	17.429	
10,700.00	7,305.57	10,705.44	7,012.26	56.97	59.40	-81.39	-1,542.86	-2,586.35	1,973.01	1,856.73	116.28	16.968	
10,800.00	7,304.97	10,805.44	7,010.96	58.55	60.98	-81.37	-1,543.73	-2,686.33	1,973.76	1,854.35	119.40	16.530	
10,900.00	7,304.37	10,905.43	7,009.66	60.14	62.55	-81.35	-1,544.61	-2,786.32	1,974.50	1,851.96	122.54	16.113	
11,000.00	7,303.78	11,005.43	7,008.36	61.74	64.14	-81.34	-1,545.49	-2,886.30	1,975.25	1,849.57	125.69	15.716	
11,100.00	7,303.18	11,105.42	7,007.06	63.34	65.72	-81.32	-1,546.37	-2,986.28	1,976.00	1,847.16	128.84	15.337	
11,200.00	7,302.59	11,205.42	7,005.76	64.94	67.31	-81.30	-1,547.25	-3,086.26	1,976.75	1,844.75	132.00	14.975	
11,300.00	7,301.99	11,305.41	7,004.46	66.55	68.91	-81.28	-1,548.13	-3,186.25	1,977.50	1,842.33	135.17	14.630	
11,400.00	7,301.39	11,405.41	7,003.16	68.16	70.51	-81.27	-1,549.01	-3,286.23	1,978.25	1,839.90	138.35	14.299	
11,500.00	7,300.80	11,505.41	7,001.86	69.77	72.11	-81.25	-1,549.89	-3,386.21	1,978.99	1,837.47	141.53	13.983	
11,600.00	7,300.20	11,605.40	7,000.56	71.38	73.71	-81.23	-1,550.77	-3,486.20	1,979.74	1,835.03	144.71	13.680	
11,700.00	7,299.61	11,705.40	6,999.26	73.00	75.32	-81.22	-1,551.64	-3,586.18	1,980.49	1,832.58	147.91	13.390	
11,800.00	7,299.01	11,805.39	6,997.96	74.62	76.93	-81.20	-1,552.52	-3,686.16	1,981.24	1,830.14	151.10	13.112	
11,900.00	7,298.41	11,905.39	6,996.66	76.25	78.54	-81.18	-1,553.40	-3,786.15	1,981.99	1,827.68	154.31	12.844	
12,000.00	7,297.82	12,005.38	6,995.37	77.87	80.16	-81.16	-1,554.28	-3,886.13	1,982.74	1,825.23	157.51	12.588	
12,100.00	7,297.22	12,105.38	6,994.07	79.50	81.78	-81.15	-1,555.16	-3,986.11	1,983.49	1,822.77	160.72	12.341	
12,200.00	7,296.63	12,205.37	6,992.77	81.13	83.40	-81.13	-1,556.04	-4,086.10	1,984.24	1,820.30	163.94	12.104	
12,300.00	7,296.03	12,305.37	6,991.47	82.76	85.02	-81.11	-1,556.92	-4,186.08	1,984.99	1,817.83	167.16	11.875	
12,400.00	7,295.43	12,405.36	6,990.17	84.39	86.64	-81.10	-1,557.80	-4,286.06	1,985.74	1,815.36	170.38	11.655	
12,500.00	7,294.84	12,505.36	6,988.87	86.03	88.27	-81.08	-1,558.68	-4,386.04	1,986.49	1,812.89	173.60	11.443	
12,600.00	7,294.24	12,605.35	6,987.57	87.66	89.89	-81.06	-1,559.55	-4,486.03	1,987.24	1,810.41	176.83	11.238	
12,700.00	7,293.65	12,705.35	6,986.27	89.30	91.52	-81.04	-1,560.43	-4,586.01	1,987.99	1,807.93	180.06	11.041	
12,800.00	7,293.05	12,805.35	6,984.97	90.94	93.15	-81.03	-1,561.31	-4,685.99	1,988.74	1,805.45	183.29	10.850	
12,900.00	7,292.45	12,905.34	6,983.67	92.58	94.79	-81.01	-1,562.19	-4,785.98	1,989.49	1,802.97	186.53	10.666	
13,000.00	7,291.86	13,005.34	6,982.37	94.22	96.42	-80.99	-1,563.07	-4,885.96	1,990.25	1,800.48	189.77	10.488	
13,100.00	7,291.26	13,105.33	6,981.07	95.86	98.05	-80.98	-1,563.95	-4,985.94	1,991.00	1,797.99	193.01	10.316	
13,200.00	7,290.67	13,205.33	6,979.77	97.50	99.69	-80.96	-1,564.83	-5,085.93	1,991.75	1,795.50	196.25	10.149	
13,300.00	7,290.07	13,305.32	6,978.47	99.15	101.33	-80.94	-1,565.71	-5,185.91	1,992.50	1,793.01	199.49	9.988	
13,400.00	7,289.47	13,405.32	6,977.17	100.80	102.96	-80.92	-1,566.59	-5,285.89	1,993.25	1,790.51	202.74	9.832	
13,500.00	7,288.88	13,505.31	6,975.87	102.44	104.60	-80.91	-1,567.46	-5,385.88	1,994.01	1,788.02	205.99	9.680	
13,600.00	7,288.28	13,605.31	6,974.57	104.09	106.24	-80.89	-1,568.34	-5,485.86	1,994.76	1,785.52	209.24	9.534	
13,700.00	7,287.69	13,705.30	6,973.27	105.74	107.89	-80.87	-1,569.22	-5,585.84	1,995.51	1,783.02	212.49	9.391	
13,800.00	7,287.09	13,805.30	6,971.97	107.39	109.53	-80.86	-1,570.10	-5,685.83	1,996.26	1,780.52	215.74	9.253	
13,900.00	7,286.49	13,905.30	6,970.67	109.04	111.17	-80.84	-1,570.98	-5,785.81	1,997.02	1,778.02	218.99	9.119	
14,000.00	7,285.90	14,005.29	6,969.37	110.69	112.82	-80.82	-1,571.86	-5,885.79	1,997.77	1,775.52	222.25	8.989	
14,100.00	7,285.30	14,105.29	6,968.08	112.34	114.46	-80.81	-1,572.74	-5,985.77	1,998.52	1,773.02	225.51	8.862	
14,200.00	7,284.71	14,205.28	6,966.78	113.99	116.11	-80.79	-1,573.62	-6,085.76	1,999.28	1,770.51	228.76	8.739	
14,300.00	7,284.11	14,305.28	6,965.48	115.64	117.75	-80.77	-1,574.50	-6,185.74	2,000.03	1,768.01	232.02	8.620	
14,400.00	7,283.51	14,405.27	6,964.18	117.30	119.40	-80.75	-1,575.37	-6,285.72	2,000.78	1,765.50	235.28	8.504	
14,500.00	7,282.92	14,505.27	6,962.88	118.95	121.05	-80.74	-1,576.25	-6,385.71	2,001.54	1,762.99	238.54	8.391	
14,600.00	7,282.32	14,605.26	6,961.58	120.61	122.70	-80.72	-1,577.13	-6,485.69	2,002.29	1,760.49	241.81	8.281	
14,700.00	7,281.73	14,705.26	6,960.28	122.26	124.35	-80.70	-1,578.01	-6,585.67	2,003.05	1,757.98	245.07	8.173	
14,800.00	7,281.13	14,805.25	6,958.98	123.92	126.00	-80.69	-1,578.89	-6,685.66	2,003.80	1,755.47	248.33	8.069	
14,900.00	7,280.53	14,905.25	6,957.68	125.57	127.65	-80.67	-1,579.77	-6,785.64	2,004.56	1,752.96	251.60	7.967	
15,000.00	7,279.94	15,005.24	6,956.38	127.23	129.30	-80.65	-1,580.65	-6,885.62	2,005.31	1,750.45	254.86	7.868	
15,100.00	7,279.34	15,105.24	6,955.08	128.89	130.95	-80.64	-1,581.53	-6,985.61	2,006.07	1,747.94	258.13	7.772	
15,200.00	7,278.75	15,205.24	6,953.78	130.54	132.60	-80.62	-1,582.41	-7,085.59	2,006.82	1,745.43	261.40	7.677	
15,257.27	7,278.40	15,262.51	6,953.04	131.49	133.55	-80.61	-1,582.91	-7,142.85	2,007.25	1,743.99	263.27	7.624	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	2.00	2.00	3.28	3.28	175.40	-179.60	14.46	180.18				
100.00	100.00	102.00	102.00	3.28	3.28	175.40	-179.60	14.46	180.18	172.66	7.53	23.932	
200.00	200.00	202.00	202.00	3.31	3.31	175.40	-179.60	14.46	180.18	172.61	7.57	23.788	CC
203.12	203.12	205.12	205.12	3.31	3.31	106.75	-179.60	14.46	180.18	172.61	7.58	23.781	ES
300.00	300.00	299.27	299.26	3.35	3.35	106.73	-180.02	14.91	180.78	173.12	7.66	23.603	
400.00	399.93	394.75	394.67	3.41	3.40	106.90	-182.42	17.54	184.52	176.74	7.78	23.732	
500.00	499.68	489.94	489.62	3.50	3.48	107.29	-186.95	22.50	191.70	183.76	7.93	24.161	
600.00	599.13	584.67	583.84	3.62	3.58	107.85	-193.57	29.75	202.32	194.18	8.14	24.854	
700.00	698.15	678.75	677.04	3.76	3.71	108.52	-202.21	39.22	216.39	207.99	8.40	25.762	
800.00	796.80	772.12	769.07	3.93	3.87	109.27	-212.83	50.85	233.55	224.84	8.71	26.805	
900.00	895.43	864.81	859.86	4.14	4.08	109.49	-225.36	64.57	252.98	243.91	9.07	27.881	
1,000.00	994.06	957.92	950.45	4.36	4.32	109.23	-239.89	80.48	274.53	265.04	9.48	28.945	
1,100.00	1,092.69	1,055.41	1,045.06	4.61	4.62	108.86	-255.73	97.83	296.75	286.78	9.97	29.778	
1,200.00	1,191.33	1,152.89	1,139.67	4.87	4.95	108.54	-271.57	115.17	318.98	308.49	10.48	30.426	
1,300.00	1,289.96	1,250.37	1,234.29	5.14	5.30	108.26	-287.40	132.51	341.21	330.18	11.03	30.924	
1,400.00	1,388.59	1,347.86	1,328.90	5.43	5.66	108.01	-303.24	149.85	363.46	351.85	11.61	31.302	
1,500.00	1,487.22	1,445.34	1,423.51	5.73	6.05	107.80	-319.07	167.19	385.71	373.50	12.21	31.598	
1,600.00	1,585.85	1,542.82	1,518.12	6.03	6.44	107.60	-334.91	184.54	407.97	395.14	12.83	31.805	
1,700.00	1,684.48	1,640.31	1,612.74	6.34	6.85	107.43	-350.74	201.88	430.22	416.76	13.46	31.959	
1,800.00	1,783.11	1,737.79	1,707.35	6.66	7.26	107.27	-366.58	219.22	452.49	438.38	14.11	32.069	
1,900.00	1,881.75	1,835.27	1,801.96	6.84	7.62	107.13	-382.41	236.56	474.75	460.56	14.19	33.460	
2,000.00	1,980.38	1,932.76	1,896.57	6.87	7.79	107.00	-398.25	253.91	497.02	482.66	14.36	34.607	
2,100.00	2,079.01	2,030.24	1,991.19	6.93	7.85	106.89	-414.09	271.25	519.29	504.83	14.46	35.921	
2,200.00	2,177.64	2,127.72	2,085.80	6.99	7.94	106.78	-429.92	288.59	541.56	526.98	14.58	37.133	
2,300.00	2,276.27	2,225.21	2,180.41	7.08	8.04	106.68	-445.76	305.93	563.84	549.09	14.74	38.241	
2,400.00	2,374.90	2,322.69	2,275.02	7.18	8.16	106.59	-461.59	323.27	586.11	571.18	14.94	39.243	
2,500.00	2,473.53	2,420.17	2,369.63	7.29	8.29	106.50	-477.43	340.62	608.39	593.23	15.16	40.141	
2,600.00	2,572.17	2,517.66	2,464.25	7.41	8.45	106.42	-493.26	357.96	630.67	615.26	15.41	40.938	
2,700.00	2,670.80	2,615.14	2,558.86	7.55	8.62	106.35	-509.10	375.30	652.95	637.26	15.68	41.637	
2,800.00	2,769.43	2,712.62	2,653.47	7.70	8.80	106.28	-524.93	392.64	675.23	659.24	15.98	42.244	
2,900.00	2,868.06	2,810.11	2,748.08	7.86	9.00	106.22	-540.77	409.98	697.51	681.20	16.31	42.765	
3,000.00	2,966.69	2,907.59	2,842.70	8.03	9.21	106.16	-556.60	427.33	719.79	703.13	16.66	43.208	
3,100.00	3,065.32	3,005.07	2,937.31	8.21	9.43	106.10	-572.44	444.67	742.07	725.04	17.03	43.579	
3,200.00	3,163.95	3,102.56	3,031.92	8.40	9.66	106.05	-588.28	462.01	764.35	746.93	17.42	43.881	
3,300.00	3,262.59	3,200.04	3,126.53	8.60	9.91	106.00	-604.11	479.35	786.64	768.81	17.83	44.127	
3,400.00	3,361.22	3,297.52	3,221.15	8.80	10.16	105.95	-619.95	496.69	808.92	790.67	18.25	44.318	
3,500.00	3,459.85	3,404.99	3,315.76	9.02	10.45	105.90	-635.78	514.04	831.21	812.49	18.72	44.406	
3,600.00	3,558.48	3,507.51	3,410.37	9.24	10.74	105.86	-651.62	531.38	853.49	834.30	19.19	44.480	
3,700.00	3,657.11	3,589.97	3,504.98	9.46	10.97	105.82	-667.45	548.72	875.78	856.16	19.62	44.636	
3,800.00	3,755.74	3,687.46	3,599.59	9.70	11.26	105.78	-683.29	566.06	898.06	877.96	20.10	44.672	
3,900.00	3,854.37	3,784.94	3,694.21	9.94	11.55	105.74	-699.12	583.41	920.35	899.75	20.60	44.681	
4,000.00	3,953.01	3,882.42	3,788.82	10.18	11.85	105.71	-714.96	600.75	942.63	921.53	21.10	44.667	
4,100.00	4,051.64	3,979.91	3,883.43	10.43	12.15	105.68	-730.80	618.09	964.92	943.30	21.62	44.632	
4,200.00	4,150.27	4,077.39	3,978.04	10.68	12.46	105.64	-746.63	635.43	987.21	965.06	22.14	44.579	
4,300.00	4,248.90	4,174.87	4,072.66	10.94	12.78	105.61	-762.47	652.77	1,009.50	986.82	22.68	44.512	
4,400.00	4,347.53	4,272.36	4,167.27	11.20	13.10	105.58	-778.30	670.12	1,031.78	1,008.56	23.22	44.432	
4,500.00	4,446.16	4,369.84	4,261.88	11.47	13.42	105.56	-794.14	687.46	1,054.07	1,030.30	23.77	44.342	
4,600.00	4,544.79	4,467.32	4,356.49	11.74	13.75	105.53	-809.97	704.80	1,076.36	1,052.03	24.33	44.243	
4,700.00	4,643.43	4,564.81	4,451.11	12.01	14.08	105.50	-825.81	722.14	1,098.65	1,073.76	24.89	44.137	
4,800.00	4,742.06	4,662.29	4,545.72	12.28	14.41	105.48	-841.64	739.48	1,120.94	1,095.47	25.46	44.024	
4,900.00	4,840.69	4,759.77	4,640.33	12.56	14.75	105.46	-857.48	756.83	1,143.23	1,117.19	26.04	43.907	
5,000.00	4,939.32	4,857.26	4,734.94	12.84	15.09	105.43	-873.31	774.17	1,165.51	1,138.90	26.62	43.786	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	4,954.74	4,829.55	13.12	15.43	105.41	-889.15	791.51	1,187.80	1,160.60	27.20	43.662	
5,200.00	5,136.58	5,052.22	4,924.17	13.41	15.77	105.39	-904.99	808.85	1,210.09	1,182.30	27.80	43.536	
5,300.00	5,235.22	5,149.71	5,018.78	13.69	16.12	105.37	-920.82	826.19	1,232.38	1,203.99	28.39	43.409	
5,400.00	5,333.85	5,247.19	5,113.39	13.98	16.47	105.35	-936.66	843.54	1,254.67	1,225.68	28.99	43.280	
5,500.00	5,432.48	5,344.67	5,208.00	14.27	16.82	105.33	-952.49	860.88	1,276.96	1,247.37	29.59	43.151	
5,600.00	5,531.11	5,442.16	5,302.62	14.57	17.18	105.31	-968.33	878.22	1,299.25	1,269.05	30.20	43.022	
5,700.00	5,629.74	5,539.64	5,397.23	14.86	17.53	105.29	-984.16	895.56	1,321.54	1,290.73	30.81	42.893	
5,800.00	5,728.37	5,637.12	5,491.84	15.16	17.89	105.28	-1,000.00	912.91	1,343.83	1,312.41	31.42	42.765	
5,900.00	5,827.00	5,734.61	5,586.45	15.45	18.25	105.26	-1,015.83	930.25	1,366.12	1,334.08	32.04	42.638	
6,000.00	5,925.64	5,832.09	5,681.07	15.75	18.61	105.24	-1,031.67	947.59	1,388.41	1,355.75	32.66	42.511	
6,100.00	6,024.27	5,929.57	5,775.68	16.05	18.97	105.23	-1,047.51	964.93	1,410.70	1,377.42	33.28	42.386	
6,200.00	6,122.90	6,027.06	5,870.29	16.35	19.34	105.21	-1,063.34	982.27	1,432.99	1,399.09	33.91	42.262	
6,300.00	6,221.53	6,124.54	5,964.90	16.66	19.70	105.20	-1,079.18	999.62	1,455.28	1,420.75	34.53	42.140	
6,400.00	6,320.16	6,222.02	6,059.52	16.96	20.07	105.19	-1,095.01	1,016.96	1,477.57	1,442.41	35.16	42.019	
6,500.00	6,418.79	6,319.51	6,154.13	17.26	20.43	105.17	-1,110.85	1,034.30	1,499.86	1,464.07	35.80	41.900	
6,600.00	6,517.42	6,416.99	6,248.74	17.57	20.80	105.16	-1,126.68	1,051.64	1,522.16	1,485.72	36.43	41.783	
6,700.00	6,616.13	6,514.45	6,343.33	17.86	21.17	112.48	-1,142.51	1,068.98	1,544.50	1,507.45	37.05	41.683	
6,800.00	6,715.79	6,615.01	6,440.99	18.05	21.53	-147.87	-1,158.86	1,086.46	1,567.93	1,530.39	37.55	41.761	
6,900.00	6,814.75	6,734.46	6,558.47	18.17	21.78	-109.47	-1,178.67	1,092.29	1,591.69	1,553.76	37.93	41.969	
7,000.00	6,910.58	6,858.40	6,679.22	18.23	21.94	-100.86	-1,199.25	1,074.75	1,614.72	1,576.55	38.16	42.312	
7,100.00	7,000.92	6,986.38	6,797.92	18.24	22.01	-96.47	-1,219.71	1,032.12	1,636.35	1,598.08	38.27	42.755	
7,200.00	7,083.54	7,117.51	6,908.28	18.23	22.00	-93.41	-1,238.99	964.42	1,655.96	1,617.65	38.31	43.228	
7,300.00	7,156.41	7,250.42	7,003.76	18.22	21.93	-90.98	-1,255.97	873.90	1,672.98	1,634.63	38.35	43.628	
7,400.00	7,217.74	7,383.39	7,078.68	18.25	21.82	-88.93	-1,269.63	765.18	1,686.98	1,648.48	38.49	43.824	
7,500.00	7,266.01	7,514.60	7,129.20	18.35	21.70	-87.16	-1,279.29	644.73	1,697.64	1,658.81	38.84	43.713	
7,600.00	7,300.04	7,642.41	7,154.01	18.55	21.59	-85.68	-1,284.63	519.69	1,704.80	1,665.39	39.41	43.261	
7,700.00	7,318.98	7,755.26	7,156.58	18.85	21.54	-84.60	-1,286.11	406.95	1,708.53	1,668.38	40.15	42.551	
7,800.00	7,322.85	7,855.06	7,155.63	19.26	21.63	-84.32	-1,286.86	307.15	1,709.80	1,668.76	41.04	41.665	
7,900.00	7,322.26	7,955.06	7,154.67	19.79	21.92	-84.31	-1,287.62	207.16	1,710.36	1,668.20	42.16	40.568	
8,000.00	7,321.66	8,055.05	7,153.71	20.45	22.46	-84.30	-1,288.38	107.17	1,710.92	1,667.41	43.52	39.317	
8,100.00	7,321.06	8,155.05	7,152.75	21.22	23.21	-84.29	-1,289.14	7.18	1,711.49	1,666.41	45.08	37.965	
8,200.00	7,320.47	8,255.05	7,151.80	22.09	24.10	-84.28	-1,289.90	-92.81	1,712.05	1,665.22	46.83	36.556	
8,300.00	7,319.87	8,355.05	7,150.84	23.05	25.08	-84.27	-1,290.66	-192.80	1,712.62	1,663.86	48.76	35.126	
8,400.00	7,319.28	8,455.05	7,149.88	24.08	26.15	-84.26	-1,291.42	-292.79	1,713.18	1,662.35	50.83	33.707	
8,500.00	7,318.68	8,555.04	7,148.92	25.18	27.27	-84.25	-1,292.18	-392.78	1,713.74	1,660.71	53.03	32.318	
8,600.00	7,318.08	8,655.04	7,147.97	26.35	28.46	-84.24	-1,292.94	-492.77	1,714.31	1,658.96	55.34	30.976	
8,700.00	7,317.49	8,755.04	7,147.01	27.56	29.69	-84.23	-1,293.70	-592.76	1,714.87	1,657.11	57.76	29.689	
8,800.00	7,316.89	8,855.04	7,146.05	28.82	30.96	-84.22	-1,294.46	-692.75	1,715.43	1,655.17	60.27	28.464	
8,900.00	7,316.29	8,955.04	7,145.09	30.12	32.26	-84.20	-1,295.22	-792.74	1,716.00	1,653.15	62.85	27.303	
9,000.00	7,315.70	9,055.03	7,144.14	31.46	33.60	-84.19	-1,295.98	-892.73	1,716.56	1,651.06	65.50	26.206	
9,100.00	7,315.10	9,155.03	7,143.18	32.82	34.97	-84.18	-1,296.74	-992.72	1,717.13	1,648.91	68.21	25.172	
9,200.00	7,314.51	9,255.03	7,142.22	34.22	36.36	-84.17	-1,297.50	-1,092.71	1,717.69	1,646.71	70.98	24.199	
9,300.00	7,313.91	9,355.03	7,141.26	35.64	37.77	-84.16	-1,298.26	-1,192.70	1,718.25	1,644.46	73.79	23.284	
9,400.00	7,313.31	9,455.03	7,140.31	37.08	39.21	-84.15	-1,299.02	-1,292.69	1,718.82	1,642.17	76.65	22.424	
9,500.00	7,312.72	9,555.02	7,139.35	38.53	40.66	-84.14	-1,299.78	-1,392.68	1,719.38	1,639.84	79.54	21.616	
9,600.00	7,312.12	9,655.02	7,138.39	40.01	42.13	-84.13	-1,300.54	-1,492.67	1,719.95	1,637.48	82.47	20.856	
9,700.00	7,311.53	9,755.02	7,137.43	41.50	43.61	-84.12	-1,301.30	-1,592.66	1,720.51	1,635.09	85.42	20.141	
9,800.00	7,310.93	9,855.02	7,136.48	43.00	45.10	-84.11	-1,302.06	-1,692.65	1,721.08	1,632.67	88.41	19.467	
9,900.00	7,310.33	9,955.02	7,135.52	44.52	46.61	-84.10	-1,302.82	-1,792.65	1,721.64	1,630.23	91.42	18.833	
10,000.00	7,309.74	10,055.01	7,134.56	46.05	48.13	-84.09	-1,303.58	-1,892.64	1,722.20	1,627.76	94.44	18.235	
10,100.00	7,309.14	10,155.01	7,133.60	47.58	49.65	-84.08	-1,304.34	-1,992.63	1,722.77	1,625.28	97.49	17.671	
10,200.00	7,308.55	10,255.01	7,132.65	49.13	51.19	-84.07	-1,305.10	-2,092.62	1,723.33	1,622.77	100.56	17.137	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,355.01	7,131.69	50.68	52.73	-84.06	-1,305.86	-2,192.61	1,723.90	1,620.25	103.64	16.633	
10,400.00	7,307.35	10,455.01	7,130.73	52.24	54.28	-84.05	-1,306.62	-2,292.60	1,724.46	1,617.72	106.74	16.155	
10,500.00	7,306.76	10,555.00	7,129.77	53.81	55.84	-84.04	-1,307.38	-2,392.59	1,725.03	1,615.17	109.86	15.703	
10,600.00	7,306.16	10,655.00	7,128.82	55.39	57.41	-84.03	-1,308.14	-2,492.58	1,725.59	1,612.61	112.98	15.273	
10,700.00	7,305.57	10,755.00	7,127.86	56.97	58.98	-84.02	-1,308.90	-2,592.57	1,726.16	1,610.04	116.12	14.866	
10,800.00	7,304.97	10,855.00	7,126.90	58.55	60.55	-84.01	-1,309.66	-2,692.56	1,726.72	1,607.46	119.26	14.478	
10,900.00	7,304.37	10,955.00	7,125.94	60.14	62.14	-84.00	-1,310.42	-2,792.55	1,727.29	1,604.87	122.42	14.109	
11,000.00	7,303.78	11,054.99	7,124.99	61.74	63.72	-83.99	-1,311.18	-2,892.54	1,727.85	1,602.27	125.59	13.758	
11,100.00	7,303.18	11,154.99	7,124.03	63.34	65.31	-83.98	-1,311.94	-2,992.53	1,728.42	1,599.66	128.76	13.424	
11,200.00	7,302.59	11,254.99	7,123.07	64.94	66.91	-83.97	-1,312.70	-3,092.52	1,728.98	1,597.04	131.94	13.104	
11,300.00	7,301.99	11,354.99	7,122.11	66.55	68.50	-83.96	-1,313.46	-3,192.51	1,729.55	1,594.42	135.13	12.799	
11,400.00	7,301.39	11,454.98	7,121.16	68.16	70.10	-83.95	-1,314.22	-3,292.50	1,730.11	1,591.79	138.33	12.507	
11,500.00	7,300.80	11,554.98	7,120.20	69.77	71.71	-83.94	-1,314.98	-3,392.49	1,730.68	1,589.15	141.53	12.228	
11,600.00	7,300.20	11,654.98	7,119.24	71.38	73.32	-83.93	-1,315.74	-3,492.48	1,731.24	1,586.51	144.74	11.961	
11,700.00	7,299.61	11,754.98	7,118.28	73.00	74.93	-83.92	-1,316.50	-3,592.47	1,731.81	1,583.86	147.95	11.705	
11,800.00	7,299.01	11,854.98	7,117.33	74.62	76.54	-83.91	-1,317.26	-3,692.46	1,732.38	1,581.21	151.17	11.460	
11,900.00	7,298.41	11,954.97	7,116.37	76.25	78.16	-83.90	-1,318.02	-3,792.45	1,732.94	1,578.55	154.39	11.224	
12,000.00	7,297.82	12,054.97	7,115.41	77.87	79.77	-83.89	-1,318.78	-3,892.45	1,733.51	1,575.89	157.62	10.998	
12,100.00	7,297.22	12,154.97	7,114.45	79.50	81.39	-83.88	-1,319.54	-3,992.44	1,734.07	1,573.22	160.85	10.781	
12,200.00	7,296.63	12,254.97	7,113.50	81.13	83.02	-83.87	-1,320.30	-4,092.43	1,734.64	1,570.55	164.08	10.572	
12,300.00	7,296.03	12,354.97	7,112.54	82.76	84.64	-83.86	-1,321.06	-4,192.42	1,735.20	1,567.88	167.32	10.370	
12,400.00	7,295.43	12,454.96	7,111.58	84.39	86.27	-83.85	-1,321.81	-4,292.41	1,735.77	1,565.20	170.56	10.177	
12,500.00	7,294.84	12,554.96	7,110.62	86.03	87.89	-83.84	-1,322.57	-4,392.40	1,736.34	1,562.52	173.81	9.990	
12,600.00	7,294.24	12,654.96	7,109.67	87.66	89.52	-83.83	-1,323.33	-4,492.39	1,736.90	1,559.84	177.06	9.810	
12,700.00	7,293.65	12,754.96	7,108.71	89.30	91.16	-83.82	-1,324.09	-4,592.38	1,737.47	1,557.16	180.31	9.636	
12,800.00	7,293.05	12,854.96	7,107.75	90.94	92.79	-83.81	-1,324.85	-4,692.37	1,738.03	1,554.47	183.57	9.468	
12,900.00	7,292.45	12,954.95	7,106.79	92.58	94.42	-83.80	-1,325.61	-4,792.36	1,738.60	1,551.78	186.82	9.306	
13,000.00	7,291.86	13,054.95	7,105.84	94.22	96.06	-83.79	-1,326.37	-4,892.35	1,739.17	1,549.08	190.08	9.150	
13,100.00	7,291.26	13,154.95	7,104.88	95.86	97.69	-83.78	-1,327.13	-4,992.34	1,739.73	1,546.39	193.34	8.998	
13,200.00	7,290.67	13,254.95	7,103.92	97.50	99.33	-83.77	-1,327.89	-5,092.33	1,740.30	1,543.69	196.61	8.852	
13,300.00	7,290.07	13,354.95	7,102.96	99.15	100.97	-83.76	-1,328.65	-5,192.32	1,740.86	1,540.99	199.87	8.710	
13,400.00	7,289.47	13,454.94	7,102.01	100.80	102.61	-83.75	-1,329.41	-5,292.31	1,741.43	1,538.29	203.14	8.573	
13,500.00	7,288.88	13,554.94	7,101.05	102.44	104.25	-83.74	-1,330.17	-5,392.30	1,742.00	1,535.59	206.41	8.439	
13,600.00	7,288.28	13,654.94	7,100.09	104.09	105.90	-83.73	-1,330.93	-5,492.29	1,742.56	1,532.88	209.68	8.310	
13,700.00	7,287.69	13,754.94	7,099.13	105.74	107.54	-83.72	-1,331.69	-5,592.28	1,743.13	1,530.17	212.96	8.185	
13,800.00	7,287.09	13,854.94	7,098.18	107.39	109.18	-83.71	-1,332.45	-5,692.27	1,743.70	1,527.47	216.23	8.064	
13,900.00	7,286.49	13,954.93	7,097.22	109.04	110.83	-83.70	-1,333.21	-5,792.26	1,744.26	1,524.76	219.51	7.946	
14,000.00	7,285.90	14,054.93	7,096.26	110.69	112.47	-83.69	-1,333.97	-5,892.25	1,744.83	1,522.04	222.79	7.832	
14,100.00	7,285.30	14,154.93	7,095.30	112.34	114.12	-83.68	-1,334.73	-5,992.25	1,745.40	1,519.33	226.06	7.721	
14,200.00	7,284.71	14,254.93	7,094.35	113.99	115.77	-83.67	-1,335.49	-6,092.24	1,745.96	1,516.62	229.35	7.613	
14,300.00	7,284.11	14,354.93	7,093.39	115.64	117.42	-83.66	-1,336.25	-6,192.23	1,746.53	1,513.90	232.63	7.508	
14,400.00	7,283.51	14,454.92	7,092.43	117.30	119.07	-83.65	-1,337.01	-6,292.22	1,747.10	1,511.19	235.91	7.406	
14,500.00	7,282.92	14,554.92	7,091.47	118.95	120.72	-83.64	-1,337.77	-6,392.21	1,747.66	1,508.47	239.19	7.306	
14,600.00	7,282.32	14,654.92	7,090.52	120.61	122.37	-83.63	-1,338.53	-6,492.20	1,748.23	1,505.75	242.48	7.210	
14,700.00	7,281.73	14,754.92	7,089.56	122.26	124.02	-83.62	-1,339.29	-6,592.19	1,748.80	1,503.03	245.77	7.116	
14,800.00	7,281.13	14,854.91	7,088.60	123.92	125.67	-83.61	-1,340.05	-6,692.18	1,749.36	1,500.31	249.05	7.024	
14,900.00	7,280.53	14,954.91	7,087.64	125.57	127.32	-83.60	-1,340.81	-6,792.17	1,749.93	1,497.59	252.34	6.935	
15,000.00	7,279.94	15,054.91	7,086.69	127.23	128.97	-83.59	-1,341.57	-6,892.16	1,750.50	1,494.87	255.63	6.848	
15,100.00	7,279.34	15,154.91	7,085.73	128.89	130.63	-83.58	-1,342.33	-6,992.15	1,751.07	1,492.14	258.92	6.763	
15,200.00	7,278.75	15,254.91	7,084.77	130.54	132.28	-83.57	-1,343.09	-7,092.14	1,751.63	1,489.42	262.21	6.680	
15,257.27	7,278.40	15,312.18	7,084.22	131.49	133.23	-83.57	-1,343.52	-7,149.41	1,751.96	1,487.86	264.10	6.634	SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1 — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	-4.76	20.04	-1.67	20.11				
100.00	100.00	100.00	100.00	3.28	3.28	-4.76	20.04	-1.67	20.11	12.58	7.53	2.671	
200.00	200.00	200.00	200.00	3.31	3.31	-4.76	20.04	-1.67	20.11	12.53	7.57	2.655	
283.74	283.74	283.67	283.67	3.34	3.34	-74.55	20.11	-1.49	20.00	12.35	7.64	2.616	CC, ES
300.00	300.00	299.89	299.89	3.35	3.35	-73.42	20.20	-1.27	20.12	12.45	7.66	2.625	
400.00	399.93	399.68	399.61	3.41	3.41	-73.51	21.55	1.94	20.20	12.41	7.79	2.593	
500.00	499.68	499.46	499.14	3.50	3.50	-73.69	24.23	8.34	20.35	12.39	7.96	2.557	
600.00	599.13	599.24	598.38	3.62	3.62	-73.95	28.26	17.94	20.59	12.41	8.19	2.516	
700.00	698.15	699.03	697.19	3.76	3.76	-74.29	33.62	30.72	20.91	12.44	8.47	2.468	
800.00	796.80	801.09	795.63	3.93	3.94	-73.11	40.17	46.34	21.47	12.64	8.82	2.433	
900.00	895.43	898.90	894.09	4.14	4.14	-71.02	46.92	62.43	22.17	12.95	9.22	2.404	
1,000.00	994.06	1,001.10	992.55	4.36	4.38	-69.07	53.66	78.52	22.91	13.23	9.68	2.367	
1,100.00	1,092.69	1,101.11	1,091.01	4.61	4.63	-67.24	60.41	94.62	23.66	13.50	10.16	2.329	
1,200.00	1,191.33	1,201.11	1,189.47	4.87	4.90	-65.53	67.16	110.71	24.44	13.77	10.67	2.291	
1,300.00	1,289.96	1,301.12	1,287.93	5.14	5.18	-63.92	73.91	126.80	25.24	14.04	11.20	2.253	
1,400.00	1,388.59	1,401.12	1,386.39	5.43	5.48	-62.41	80.66	142.89	26.06	14.31	11.76	2.217	
1,500.00	1,487.22	1,498.87	1,484.85	5.73	5.78	-61.00	87.40	158.98	26.90	14.58	12.32	2.184	
1,600.00	1,585.85	1,601.13	1,583.31	6.03	6.10	-59.67	94.15	175.08	27.75	14.84	12.91	2.150	
1,700.00	1,684.48	1,701.14	1,681.77	6.34	6.42	-58.42	100.90	191.17	28.62	15.12	13.50	2.120	
1,800.00	1,783.11	1,801.15	1,780.23	6.66	6.75	-57.24	107.65	207.26	29.50	15.40	14.10	2.092	
1,900.00	1,881.75	1,901.15	1,878.69	6.84	6.93	-56.14	114.40	223.35	30.39	16.36	14.03	2.166	
2,000.00	1,980.38	2,001.16	1,977.15	6.87	6.97	-55.09	121.14	239.45	31.29	17.21	14.07	2.223	
2,100.00	2,079.01	2,101.16	2,075.61	6.93	7.04	-54.11	127.89	255.54	32.20	18.04	14.15	2.275	
2,200.00	2,177.64	2,201.17	2,174.07	6.99	7.12	-53.18	134.64	271.63	33.12	18.85	14.27	2.321	
2,300.00	2,276.27	2,301.17	2,272.53	7.08	7.23	-52.30	141.39	287.72	34.05	19.63	14.41	2.362	
2,400.00	2,374.90	2,401.18	2,370.99	7.18	7.35	-51.46	148.14	303.81	34.98	20.39	14.59	2.398	
2,500.00	2,473.53	2,501.19	2,469.45	7.29	7.49	-50.68	154.88	319.91	35.92	21.13	14.80	2.428	
2,600.00	2,572.17	2,601.19	2,567.91	7.41	7.65	-49.93	161.63	336.00	36.87	21.84	15.03	2.453	
2,700.00	2,670.80	2,701.20	2,666.37	7.55	7.82	-49.22	168.38	352.09	37.83	22.53	15.29	2.473	
2,800.00	2,769.43	2,798.80	2,764.83	7.70	8.00	-48.54	175.13	368.18	38.79	23.21	15.58	2.490	
2,900.00	2,868.06	2,901.21	2,863.29	7.86	8.21	-47.90	181.88	384.27	39.75	23.86	15.89	2.501	
3,000.00	2,966.69	3,001.21	2,961.75	8.03	8.43	-47.28	188.62	400.37	40.73	24.50	16.23	2.510	
3,100.00	3,065.32	3,098.78	3,060.21	8.21	8.65	-46.70	195.37	416.46	41.70	25.13	16.58	2.516	
3,200.00	3,163.95	3,201.22	3,158.67	8.40	8.89	-46.14	202.12	432.55	42.68	25.73	16.95	2.517	
3,300.00	3,262.59	3,301.23	3,257.13	8.60	9.13	-45.61	208.87	448.64	43.66	26.32	17.34	2.517	
3,400.00	3,361.22	3,401.24	3,355.59	8.80	9.39	-45.10	215.62	464.74	44.65	26.90	17.75	2.515	
3,500.00	3,459.85	3,501.24	3,454.05	9.02	9.65	-44.61	222.36	480.83	45.64	27.46	18.17	2.511	
3,600.00	3,558.48	3,601.25	3,552.51	9.24	9.93	-44.15	229.11	496.92	46.63	28.02	18.61	2.506	
3,700.00	3,657.11	3,701.25	3,650.97	9.46	10.21	-43.70	235.86	513.01	47.63	28.57	19.06	2.499	
3,800.00	3,755.74	3,801.26	3,749.43	9.70	10.49	-43.27	242.61	529.10	48.63	29.10	19.52	2.491	
3,900.00	3,854.37	3,901.26	3,847.89	9.94	10.78	-42.86	249.36	545.20	49.63	29.63	20.00	2.482	
4,000.00	3,953.01	3,998.73	3,946.35	10.18	11.07	-42.47	256.10	561.29	50.63	30.16	20.47	2.473	
4,100.00	4,051.64	4,101.28	4,044.81	10.43	11.38	-42.09	262.85	577.38	51.64	30.67	20.97	2.462	
4,200.00	4,150.27	4,201.28	4,143.27	10.68	11.69	-41.72	269.60	593.47	52.65	31.17	21.47	2.452	
4,300.00	4,248.90	4,301.29	4,241.73	10.94	12.00	-41.37	276.35	609.57	53.66	31.67	21.98	2.441	
4,400.00	4,347.53	4,401.29	4,340.19	11.20	12.32	-41.03	283.10	625.66	54.67	32.17	22.50	2.429	
4,500.00	4,446.16	4,501.30	4,438.65	11.47	12.64	-40.71	289.84	641.75	55.68	32.66	23.03	2.418	
4,600.00	4,544.79	4,601.30	4,537.11	11.74	12.96	-40.39	296.59	657.84	56.70	33.14	23.56	2.407	
4,700.00	4,643.43	4,701.31	4,635.57	12.01	13.29	-40.09	303.34	673.93	57.72	33.62	24.10	2.395	
4,800.00	4,742.06	4,798.69	4,734.03	12.28	13.61	-39.80	310.09	690.03	58.74	34.10	24.63	2.384	
4,900.00	4,840.69	4,901.32	4,832.49	12.56	13.95	-39.52	316.84	706.12	59.76	34.57	25.19	2.372	
5,000.00	4,939.32	4,998.67	4,930.95	12.84	14.27	-39.24	323.58	722.21	60.78	35.04	25.73	2.362	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,101.33	5,029.41	13.12	14.62	-38.98	330.33	738.30	61.80	35.50	26.30	2.350	
5,200.00	5,136.58	5,201.34	5,127.87	13.41	14.96	-38.72	337.08	754.40	62.83	35.96	26.86	2.339	
5,300.00	5,235.22	5,301.34	5,226.33	13.69	15.30	-38.48	343.83	770.49	63.85	36.42	27.43	2.328	
5,400.00	5,333.85	5,401.35	5,324.79	13.98	15.64	-38.24	350.58	786.58	64.88	36.88	28.00	2.317	
5,500.00	5,432.48	5,501.35	5,423.25	14.27	15.99	-38.00	357.32	802.67	65.91	37.33	28.57	2.307	
5,600.00	5,531.11	5,601.36	5,521.71	14.57	16.34	-37.78	364.07	818.76	66.94	37.79	29.15	2.296	
5,700.00	5,629.74	5,701.37	5,620.17	14.86	16.68	-37.56	370.82	834.86	67.97	38.24	29.73	2.286	
5,800.00	5,728.37	5,798.63	5,718.63	15.16	17.02	-37.35	377.57	850.95	69.00	38.69	30.30	2.277	
5,900.00	5,827.00	5,901.38	5,817.09	15.45	17.39	-37.14	384.32	867.04	70.03	39.13	30.90	2.266	
6,000.00	5,925.64	5,998.62	5,915.55	15.75	17.73	-36.95	391.06	883.13	71.06	39.58	31.48	2.258	
6,100.00	6,024.27	6,101.39	6,014.01	16.05	18.09	-36.75	397.81	899.22	72.10	40.02	32.08	2.248	
6,200.00	6,122.90	6,201.39	6,112.47	16.35	18.45	-36.56	404.56	915.32	73.13	40.46	32.67	2.238	
6,300.00	6,221.53	6,298.60	6,210.93	16.66	18.79	-36.38	411.31	931.41	74.17	40.91	33.26	2.230	
6,400.00	6,320.16	6,401.41	6,309.39	16.96	19.16	-36.20	418.06	947.50	75.20	41.34	33.86	2.221	
6,500.00	6,418.79	6,503.71	6,413.58	17.26	19.41	-39.92	425.15	958.53	73.37	38.65	34.71	2.113	
6,600.00	6,517.42	6,605.67	6,515.05	17.57	19.54	-56.43	431.93	952.93	66.55	30.02	36.53	1.822	
6,643.34	6,560.22	6,647.44	6,556.14	17.70	19.59	-65.03	434.64	945.96	65.22	27.81	37.41	1.743	SF
6,700.00	6,616.13	6,699.05	6,606.13	17.86	19.63	-77.87	437.91	933.64	68.67	30.79	37.89	1.813	
6,800.00	6,715.79	6,786.38	6,687.93	18.05	19.70	-3.17	443.18	903.69	87.94	51.47	36.47	2.411	
6,900.00	6,814.75	6,869.98	6,761.70	18.17	19.79	20.08	447.84	864.77	114.69	80.13	34.57	3.318	
7,000.00	6,910.58	6,950.58	6,827.43	18.23	19.91	19.10	451.90	818.40	142.80	109.84	32.96	4.332	
7,100.00	7,000.92	7,028.76	6,885.12	18.24	20.11	16.88	455.37	765.82	169.68	138.01	31.67	5.358	
7,200.00	7,083.54	7,105.02	6,934.79	18.23	20.42	15.02	458.27	708.09	194.08	163.41	30.68	6.327	
7,300.00	7,156.41	7,179.76	6,976.45	18.22	20.87	13.60	460.59	646.14	215.32	185.31	30.00	7.176	
7,400.00	7,217.74	7,253.31	7,010.11	18.25	21.47	12.55	462.34	580.80	232.94	203.25	29.69	7.847	
7,500.00	7,266.01	7,325.98	7,035.77	18.35	22.25	11.80	463.54	512.87	246.64	216.89	29.75	8.291	
7,600.00	7,300.04	7,400.00	7,053.79	18.55	23.19	11.28	464.20	441.12	256.22	226.04	30.18	8.489	
7,700.00	7,318.98	7,469.68	7,063.06	18.85	24.23	10.97	464.28	372.10	261.52	230.53	30.99	8.438	
7,800.00	7,322.85	7,546.54	7,064.78	19.26	25.49	10.82	463.80	295.30	262.76	230.74	32.02	8.205	
7,900.00	7,322.26	7,646.53	7,063.57	19.79	27.33	10.66	462.94	195.31	263.24	230.34	32.90	8.001	
8,000.00	7,321.66	7,746.53	7,062.36	20.45	29.35	10.50	462.09	95.33	263.73	229.87	33.86	7.788	
8,100.00	7,321.06	7,846.53	7,061.16	21.22	31.52	10.34	461.23	-4.66	264.21	229.31	34.90	7.571	
8,200.00	7,320.47	7,946.52	7,059.95	22.09	33.81	10.19	460.37	-104.64	264.70	228.69	36.01	7.351	
8,300.00	7,319.87	8,046.52	7,058.74	23.05	36.20	10.03	459.51	-204.63	265.19	228.01	37.18	7.132	
8,400.00	7,319.28	8,146.51	7,057.54	24.08	38.67	9.87	458.66	-304.61	265.69	227.28	38.41	6.917	
8,500.00	7,318.68	8,246.51	7,056.33	25.18	41.20	9.72	457.80	-404.60	266.18	226.50	39.68	6.707	
8,600.00	7,318.08	8,346.51	7,055.13	26.35	43.79	9.56	456.94	-504.59	266.68	225.67	41.00	6.504	
8,700.00	7,317.49	8,446.50	7,053.92	27.56	46.42	9.41	456.08	-604.57	267.18	224.81	42.36	6.307	
8,800.00	7,316.89	8,546.50	7,052.71	28.82	49.09	9.25	455.22	-704.56	267.68	223.92	43.75	6.118	
8,900.00	7,316.29	8,646.50	7,051.51	30.12	51.80	9.10	454.37	-804.54	268.18	223.00	45.17	5.937	
9,000.00	7,315.70	8,746.49	7,050.30	31.46	54.53	8.95	453.51	-904.53	268.68	222.06	46.62	5.763	
9,100.00	7,315.10	8,846.49	7,049.10	32.82	57.28	8.79	452.65	-1,004.51	269.19	221.10	48.09	5.598	
9,200.00	7,314.51	8,946.48	7,047.89	34.22	60.05	8.64	451.79	-1,104.50	269.70	220.12	49.58	5.440	
9,300.00	7,313.91	9,046.48	7,046.68	35.64	62.84	8.49	450.94	-1,204.48	270.21	219.12	51.09	5.289	
9,400.00	7,313.31	9,146.48	7,045.48	37.08	65.65	8.34	450.08	-1,304.47	270.72	218.11	52.61	5.146	
9,500.00	7,312.72	9,246.47	7,044.27	38.53	68.47	8.19	449.22	-1,404.45	271.23	217.08	54.15	5.009	
9,600.00	7,312.12	9,346.47	7,043.07	40.01	71.30	8.04	448.36	-1,504.44	271.75	216.05	55.70	4.879	
9,700.00	7,311.53	9,446.46	7,041.86	41.50	74.14	7.89	447.50	-1,604.42	272.26	215.01	57.26	4.755	
9,800.00	7,310.93	9,546.46	7,040.65	43.00	76.99	7.74	446.65	-1,704.41	272.78	213.95	58.83	4.637	
9,900.00	7,310.33	9,646.46	7,039.45	44.52	79.84	7.60	445.79	-1,804.39	273.30	212.90	60.41	4.524	
10,000.00	7,309.74	9,746.45	7,038.24	46.05	82.71	7.45	444.93	-1,904.38	273.83	211.83	61.99	4.417	
10,100.00	7,309.14	9,846.45	7,037.04	47.58	85.58	7.30	444.07	-2,004.36	274.35	210.77	63.58	4.315	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1

Offset Well Error: 3.28 usft

Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,308.55	9,946.45	7,035.83	49.13	88.46	7.16	443.22	-2,104.35	274.88	209.69	65.18	4.217	
10,300.00	7,307.95	10,046.44	7,034.62	50.68	91.34	7.01	442.36	-2,204.33	275.40	208.62	66.78	4.124	
10,400.00	7,307.35	10,146.44	7,033.42	52.24	94.23	6.87	441.50	-2,304.32	275.93	207.54	68.39	4.035	
10,500.00	7,306.76	10,246.43	7,032.21	53.81	97.12	6.72	440.64	-2,404.30	276.47	206.46	70.01	3.949	
10,600.00	7,306.16	10,346.43	7,031.01	55.39	100.02	6.58	439.79	-2,504.29	277.00	205.38	71.62	3.868	
10,700.00	7,305.57	10,446.43	7,029.80	56.97	102.92	6.43	438.93	-2,604.27	277.53	204.29	73.24	3.789	
10,800.00	7,304.97	10,546.42	7,028.59	58.55	105.82	6.29	438.07	-2,704.26	278.07	203.21	74.86	3.714	
10,900.00	7,304.37	10,646.42	7,027.39	60.14	108.73	6.15	437.21	-2,804.25	278.61	202.12	76.49	3.643	
11,000.00	7,303.78	10,746.42	7,026.18	61.74	111.64	6.01	436.35	-2,904.23	279.15	201.04	78.11	3.574	
11,100.00	7,303.18	10,846.41	7,024.97	63.34	114.55	5.87	435.50	-3,004.22	279.69	199.95	79.74	3.507	
11,200.00	7,302.59	10,946.41	7,023.77	64.94	117.46	5.73	434.64	-3,104.20	280.23	198.86	81.38	3.444	
11,300.00	7,301.99	11,046.40	7,022.56	66.55	120.38	5.59	433.78	-3,204.19	280.78	197.77	83.01	3.383	
11,400.00	7,301.39	11,146.40	7,021.36	68.16	123.30	5.45	432.92	-3,304.17	281.33	196.68	84.64	3.324	
11,500.00	7,300.80	11,246.40	7,020.15	69.77	126.22	5.31	432.07	-3,404.16	281.88	195.59	86.28	3.267	
11,600.00	7,300.20	11,346.39	7,018.94	71.38	129.14	5.17	431.21	-3,504.14	282.43	194.51	87.92	3.212	
11,700.00	7,299.61	11,446.39	7,017.74	73.00	132.07	5.03	430.35	-3,604.13	282.98	193.42	89.56	3.160	
11,800.00	7,299.01	11,546.38	7,016.53	74.62	134.99	4.90	429.49	-3,704.11	283.53	192.33	91.20	3.109	
11,900.00	7,298.41	11,646.38	7,015.33	76.25	137.92	4.76	428.63	-3,804.10	284.09	191.24	92.85	3.060	
12,000.00	7,297.82	11,746.38	7,014.12	77.87	140.85	4.62	427.78	-3,904.08	284.64	190.15	94.49	3.012	
12,100.00	7,297.22	11,846.37	7,012.91	79.50	143.78	4.49	426.92	-4,004.07	285.20	189.06	96.14	2.967	
12,200.00	7,296.63	11,946.37	7,011.71	81.13	146.71	4.35	426.06	-4,104.05	285.76	187.98	97.78	2.922	
12,300.00	7,296.03	12,046.37	7,010.50	82.76	149.65	4.22	425.20	-4,204.04	286.32	186.89	99.43	2.880	
12,400.00	7,295.43	12,146.36	7,009.30	84.39	152.58	4.08	424.35	-4,304.02	286.89	185.80	101.09	2.838	
12,500.00	7,294.84	12,246.36	7,008.09	86.03	155.52	3.95	423.49	-4,404.01	287.45	184.71	102.74	2.798	
12,600.00	7,294.24	12,346.35	7,006.88	87.66	158.45	3.82	422.63	-4,503.99	288.02	183.62	104.39	2.759	
12,700.00	7,293.65	12,446.35	7,005.68	89.30	161.39	3.68	421.77	-4,603.98	288.58	182.54	106.05	2.721	
12,800.00	7,293.05	12,546.35	7,004.47	90.94	164.33	3.55	420.91	-4,703.96	289.15	181.45	107.71	2.685	
12,900.00	7,292.45	12,646.34	7,003.27	92.58	167.27	3.42	420.06	-4,803.95	289.72	180.36	109.37	2.649	
13,000.00	7,291.86	12,746.34	7,002.06	94.22	170.21	3.29	419.20	-4,903.93	290.30	179.27	111.03	2.615	
13,100.00	7,291.26	12,846.33	7,000.85	95.86	173.15	3.16	418.34	-5,003.92	290.87	178.18	112.69	2.581	
13,200.00	7,290.67	12,946.33	6,999.65	97.50	176.09	3.03	417.48	-5,103.91	291.45	177.09	114.36	2.549	
13,300.00	7,290.07	13,046.33	6,998.44	99.15	179.03	2.90	416.63	-5,203.89	292.02	176.00	116.03	2.517	
13,400.00	7,289.47	13,146.32	6,997.23	100.80	181.97	2.77	415.77	-5,303.88	292.60	174.90	117.70	2.486	
13,500.00	7,288.88	13,246.32	6,996.03	102.44	184.92	2.64	414.91	-5,403.86	293.18	173.81	119.37	2.456	
13,600.00	7,288.28	13,346.32	6,994.82	104.09	187.86	2.51	414.05	-5,503.85	293.76	172.72	121.04	2.427	
13,700.00	7,287.69	13,446.31	6,993.62	105.74	190.80	2.39	413.19	-5,603.83	294.35	171.62	122.72	2.398	
13,800.00	7,287.09	13,546.31	6,992.41	107.39	193.75	2.26	412.34	-5,703.82	294.93	170.53	124.40	2.371	
13,900.00	7,286.49	13,646.30	6,991.20	109.04	196.69	2.13	411.48	-5,803.80	295.52	169.43	126.08	2.344	
14,000.00	7,285.90	13,746.30	6,990.00	110.69	199.64	2.01	410.62	-5,903.79	296.10	168.33	127.77	2.317	
14,100.00	7,285.30	13,846.30	6,988.79	112.34	202.59	1.88	409.76	-6,003.77	296.69	167.23	129.46	2.292	
14,200.00	7,284.71	13,946.29	6,987.59	113.99	205.53	1.76	408.91	-6,103.76	297.28	166.13	131.15	2.267	
14,300.00	7,284.11	14,046.29	6,986.38	115.64	208.48	1.63	408.05	-6,203.74	297.87	165.03	132.84	2.242	
14,400.00	7,283.51	14,146.28	6,985.17	117.30	211.43	1.51	407.19	-6,303.73	298.46	163.92	134.54	2.218	
14,500.00	7,282.92	14,246.28	6,983.97	118.95	214.38	1.39	406.33	-6,403.71	299.06	162.82	136.24	2.195	
14,600.00	7,282.32	14,346.28	6,982.76	120.61	217.32	1.26	405.47	-6,503.70	299.65	161.71	137.94	2.172	
14,700.00	7,281.73	14,446.27	6,981.56	122.26	220.27	1.14	404.62	-6,603.68	300.25	160.60	139.65	2.150	
14,800.00	7,281.13	14,546.27	6,980.35	123.92	223.22	1.02	403.76	-6,703.67	300.85	159.49	141.36	2.128	
14,900.00	7,280.53	14,646.27	6,979.14	125.57	226.17	0.90	402.90	-6,803.65	301.45	158.37	143.08	2.107	
15,000.00	7,279.94	14,746.26	6,977.94	127.23	229.12	0.78	402.04	-6,903.64	302.05	157.26	144.79	2.086	
15,100.00	7,279.34	14,846.26	6,976.73	128.89	232.07	0.66	401.19	-7,003.62	302.65	156.14	146.52	2.066	
15,200.00	7,278.75	14,946.25	6,975.53	130.54	235.02	0.54	400.33	-7,103.61	303.26	155.01	148.24	2.046	
15,257.27	7,278.40	15,003.53	6,974.83	131.49	236.71	0.47	399.84	-7,160.87	303.60	154.37	149.23	2.034	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	-4.79	59.75	-5.00	59.96				
100.00	100.00	100.00	100.00	3.28	3.28	-4.79	59.75	-5.00	59.96	52.43	7.53	7.964	
200.00	200.00	200.00	200.00	3.31	3.31	-4.79	59.75	-5.00	59.96	52.39	7.57	7.917	CC, ES
300.00	300.00	298.83	298.81	3.35	3.35	-72.48	60.81	-3.67	60.80	53.14	7.66	7.936	
400.00	399.93	397.59	397.43	3.41	3.42	-71.59	63.97	0.34	62.68	54.89	7.79	8.050	
500.00	499.68	496.27	495.74	3.50	3.51	-71.19	69.24	7.01	65.46	57.51	7.96	8.228	
600.00	599.13	594.85	593.60	3.62	3.62	-71.22	76.59	16.32	69.13	60.95	8.18	8.454	
700.00	698.15	693.33	690.89	3.76	3.77	-71.61	86.01	28.25	73.67	65.22	8.46	8.713	
800.00	796.80	807.79	788.04	3.93	3.99	-71.82	97.42	42.70	79.29	70.45	8.83	8.976	
900.00	895.43	907.97	885.98	4.14	4.21	-71.69	109.37	57.83	85.28	76.03	9.25	9.221	
1,000.00	994.06	1,008.15	983.92	4.36	4.46	-71.58	121.33	72.97	91.27	81.56	9.71	9.402	
1,100.00	1,092.69	1,091.67	1,081.86	4.61	4.68	-71.48	133.28	88.10	97.26	87.10	10.16	9.572	
1,200.00	1,191.33	1,208.51	1,179.80	4.87	5.02	-71.39	145.23	103.24	103.26	92.52	10.74	9.618	
1,300.00	1,289.96	1,308.69	1,277.74	5.14	5.32	-71.31	157.19	118.37	109.25	97.96	11.29	9.675	
1,400.00	1,388.59	1,408.87	1,375.68	5.43	5.64	-71.24	169.14	133.51	115.24	103.37	11.87	9.707	
1,500.00	1,487.22	1,490.95	1,473.62	5.73	5.90	-71.18	181.09	148.64	121.24	108.82	12.42	9.765	
1,600.00	1,585.85	1,590.77	1,571.56	6.03	6.23	-71.13	193.05	163.78	127.23	114.20	13.03	9.765	
1,700.00	1,684.48	1,690.59	1,669.50	6.34	6.57	-71.08	205.00	178.91	133.22	119.57	13.66	9.755	
1,800.00	1,783.11	1,790.41	1,767.44	6.66	6.92	-71.03	216.95	194.05	139.22	124.92	14.30	9.738	
1,900.00	1,881.75	1,909.77	1,865.38	6.84	7.15	-70.99	228.90	209.18	145.21	130.91	14.30	10.155	
2,000.00	1,980.38	1,990.05	1,963.31	6.87	7.18	-70.95	240.86	224.32	151.20	136.84	14.36	10.527	
2,100.00	2,079.01	2,089.87	2,061.25	6.93	7.24	-70.91	252.81	239.45	157.20	142.73	14.46	10.868	
2,200.00	2,177.64	2,189.69	2,159.19	6.99	7.32	-70.88	264.76	254.59	163.19	148.59	14.60	11.179	
2,300.00	2,276.27	2,289.51	2,257.13	7.08	7.41	-70.84	276.72	269.72	169.19	154.42	14.76	11.460	
2,400.00	2,374.90	2,389.33	2,355.07	7.18	7.52	-70.81	288.67	284.86	175.18	160.22	14.96	11.712	
2,500.00	2,473.53	2,489.15	2,453.01	7.29	7.64	-70.79	300.62	299.99	181.17	165.99	15.18	11.935	
2,600.00	2,572.17	2,588.97	2,550.95	7.41	7.77	-70.76	312.58	315.13	187.17	171.74	15.43	12.129	
2,700.00	2,670.80	2,688.79	2,648.89	7.55	7.92	-70.74	324.53	330.26	193.16	177.45	15.71	12.298	
2,800.00	2,769.43	2,788.61	2,746.83	7.70	8.08	-70.71	336.48	345.40	199.16	183.15	16.01	12.441	
2,900.00	2,868.06	2,888.43	2,844.77	7.86	8.25	-70.69	348.43	360.53	205.15	188.82	16.33	12.561	
3,000.00	2,966.69	2,988.25	2,942.71	8.03	8.43	-70.67	360.39	375.67	211.14	194.47	16.68	12.660	
3,100.00	3,065.32	3,088.07	3,040.65	8.21	8.62	-70.65	372.34	390.80	217.14	200.09	17.04	12.740	
3,200.00	3,163.95	3,187.89	3,138.59	8.40	8.82	-70.64	384.29	405.94	223.13	205.70	17.43	12.802	
3,300.00	3,262.59	3,287.71	3,236.53	8.60	9.04	-70.62	396.25	421.07	229.13	211.30	17.83	12.849	
3,400.00	3,361.22	3,387.53	3,334.47	8.80	9.25	-70.60	408.20	436.21	235.12	216.87	18.25	12.882	
3,500.00	3,459.85	3,487.35	3,432.40	9.02	9.48	-70.59	420.15	451.34	241.12	222.43	18.69	12.903	
3,600.00	3,558.48	3,587.17	3,530.34	9.24	9.71	-70.57	432.11	466.48	247.11	227.97	19.14	12.913	
3,700.00	3,657.11	3,686.99	3,628.28	9.46	9.95	-70.56	444.06	481.61	253.11	233.51	19.60	12.914	
3,800.00	3,755.74	3,786.81	3,726.22	9.70	10.20	-70.55	456.01	496.75	259.10	239.03	20.07	12.907	
3,900.00	3,854.37	3,886.63	3,824.16	9.94	10.45	-70.53	467.96	511.89	265.09	244.53	20.56	12.893	
4,000.00	3,953.01	3,986.45	3,922.10	10.18	10.71	-70.52	479.92	527.02	271.09	250.03	21.06	12.873	
4,100.00	4,051.64	4,086.27	4,020.04	10.43	10.97	-70.51	491.87	542.16	277.08	255.52	21.57	12.848	
4,200.00	4,150.27	4,186.09	4,117.98	10.68	11.24	-70.50	503.82	557.29	283.08	261.00	22.08	12.819	
4,300.00	4,248.90	4,285.91	4,215.92	10.94	11.51	-70.49	515.78	572.43	289.07	266.47	22.61	12.787	
4,400.00	4,347.53	4,385.73	4,313.86	11.20	11.78	-70.48	527.73	587.56	295.07	271.93	23.14	12.752	
4,500.00	4,446.16	4,485.55	4,411.80	11.47	12.06	-70.47	539.68	602.70	301.06	277.38	23.68	12.714	
4,600.00	4,544.79	4,585.37	4,509.74	11.74	12.35	-70.46	551.64	617.83	307.06	282.83	24.23	12.674	
4,700.00	4,643.43	4,685.19	4,607.68	12.01	12.63	-70.45	563.59	632.97	313.05	288.27	24.78	12.633	
4,800.00	4,742.06	4,785.01	4,705.62	12.28	12.92	-70.44	575.54	648.10	319.04	293.70	25.34	12.590	
4,900.00	4,840.69	4,884.83	4,803.56	12.56	13.21	-70.43	587.50	663.24	325.04	299.13	25.91	12.547	
5,000.00	4,939.32	4,984.66	4,901.49	12.84	13.51	-70.42	599.45	678.37	331.03	304.56	26.48	12.503	
5,100.00	5,037.95	5,084.48	4,999.43	13.12	13.80	-70.42	611.40	693.51	337.03	309.98	27.05	12.459	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,200.00	5,136.58	5,184.30	5,097.37	13.41	14.10	-70.41	623.35	708.64	343.02	315.39	27.63	12.414	
5,300.00	5,235.22	5,284.12	5,195.31	13.69	14.40	-70.40	635.31	723.78	349.02	320.80	28.22	12.370	
5,400.00	5,333.85	5,383.94	5,293.25	13.98	14.71	-70.40	647.26	738.91	355.01	326.21	28.80	12.325	
5,500.00	5,432.48	5,483.76	5,391.19	14.27	15.01	-70.39	659.21	754.05	361.01	331.61	29.40	12.281	
5,600.00	5,531.11	5,583.58	5,489.13	14.57	15.32	-70.38	671.17	769.18	367.00	337.01	29.99	12.237	
5,700.00	5,629.74	5,683.40	5,587.07	14.86	15.63	-70.38	683.12	784.32	372.99	342.40	30.59	12.193	
5,800.00	5,728.37	5,783.22	5,685.01	15.16	15.94	-70.37	695.07	799.45	378.99	347.80	31.19	12.150	
5,900.00	5,827.00	5,883.04	5,782.95	15.45	16.25	-70.36	707.03	814.59	384.98	353.19	31.80	12.107	
6,000.00	5,925.64	5,982.86	5,880.89	15.75	16.56	-70.36	718.98	829.72	390.98	358.57	32.41	12.065	
6,100.00	6,024.27	6,082.68	5,978.83	16.05	16.88	-70.35	730.93	844.86	396.97	363.96	33.02	12.024	
6,200.00	6,122.90	6,182.50	6,076.77	16.35	17.19	-70.35	742.88	859.99	402.97	369.34	33.63	11.983	
6,300.00	6,221.53	6,282.32	6,174.71	16.66	17.51	-70.34	754.84	875.13	408.96	374.72	34.24	11.942	
6,400.00	6,320.16	6,382.14	6,272.65	16.96	17.83	-70.34	766.79	890.26	414.96	380.09	34.86	11.903	
6,500.00	6,418.79	6,481.96	6,370.59	17.26	18.15	-70.33	778.74	905.40	420.95	385.47	35.48	11.864	
6,600.00	6,517.42	6,580.73	6,467.67	17.57	18.43	-70.51	790.58	919.02	427.00	390.92	36.07	11.837	
6,700.00	6,616.13	6,676.20	6,562.36	17.86	18.63	-65.56	802.03	920.14	433.72	397.12	36.61	11.848	
6,800.00	6,715.79	6,768.95	6,653.52	18.05	18.76	29.73	812.95	907.57	441.17	404.22	36.95	11.939	
6,900.00	6,814.75	6,859.72	6,740.07	18.17	18.84	64.20	823.22	882.48	448.90	411.75	37.15	12.083	
7,000.00	6,910.58	6,948.82	6,820.75	18.23	18.88	69.09	832.69	846.06	456.56	419.34	37.22	12.266	
7,100.00	7,000.92	7,036.52	6,894.49	18.24	18.88	70.03	841.24	799.49	463.83	426.62	37.20	12.467	
7,200.00	7,083.54	7,123.11	6,960.39	18.23	18.86	69.94	848.77	743.93	470.40	433.24	37.16	12.659	
7,300.00	7,156.41	7,208.82	7,017.67	18.22	18.83	69.59	855.20	680.58	476.01	438.86	37.15	12.814	
7,400.00	7,217.74	7,293.91	7,065.67	18.25	18.81	69.25	860.46	610.61	480.45	443.21	37.24	12.902	
7,500.00	7,266.01	7,378.58	7,103.85	18.35	18.83	69.06	864.49	535.20	483.56	446.06	37.50	12.896	
7,600.00	7,300.04	7,463.08	7,131.71	18.55	18.92	69.07	867.24	455.55	485.24	447.29	37.95	12.785	
7,700.00	7,318.98	7,547.61	7,148.86	18.85	19.10	69.31	868.67	372.86	485.44	446.82	38.62	12.569	
7,800.00	7,322.85	7,632.39	7,155.00	19.26	19.39	69.72	868.76	288.36	484.32	444.84	39.48	12.268	
7,900.00	7,322.26	7,730.80	7,154.32	19.79	19.89	69.69	867.91	189.96	483.76	443.19	40.57	11.924	
8,000.00	7,321.66	7,830.79	7,153.55	20.45	20.52	69.64	867.05	89.97	483.22	441.35	41.88	11.540	
8,100.00	7,321.06	7,930.79	7,152.79	21.22	21.28	69.60	866.18	-10.03	482.68	439.30	43.38	11.126	
8,200.00	7,320.47	8,030.79	7,152.03	22.09	22.14	69.55	865.31	-110.02	482.14	437.07	45.07	10.697	
8,300.00	7,319.87	8,130.79	7,151.27	23.05	23.08	69.51	864.45	-210.01	481.61	434.69	46.92	10.264	
8,400.00	7,319.28	8,230.78	7,150.50	24.08	24.10	69.46	863.58	-310.00	481.07	432.16	48.91	9.836	
8,500.00	7,318.68	8,330.78	7,149.74	25.18	25.19	69.42	862.71	-409.99	480.53	429.50	51.03	9.417	
8,600.00	7,318.08	8,430.78	7,148.98	26.35	26.34	69.37	861.85	-509.98	479.99	426.74	53.25	9.014	
8,700.00	7,317.49	8,530.78	7,148.22	27.56	27.54	69.33	860.98	-609.97	479.45	423.88	55.57	8.628	
8,800.00	7,316.89	8,630.78	7,147.45	28.82	28.79	69.28	860.11	-709.96	478.92	420.94	57.98	8.260	
8,900.00	7,316.29	8,730.77	7,146.69	30.12	30.08	69.24	859.25	-809.95	478.38	417.92	60.46	7.913	
9,000.00	7,315.70	8,830.77	7,145.93	31.46	31.40	69.19	858.38	-909.95	477.84	414.84	63.00	7.585	
9,100.00	7,315.10	8,930.77	7,145.17	32.82	32.75	69.14	857.51	-1,009.94	477.31	411.71	65.60	7.276	
9,200.00	7,314.51	9,030.77	7,144.40	34.22	34.14	69.10	856.65	-1,109.93	476.77	408.52	68.25	6.985	
9,300.00	7,313.91	9,130.77	7,143.64	35.64	35.54	69.05	855.78	-1,209.92	476.24	405.29	70.95	6.712	
9,400.00	7,313.31	9,230.76	7,142.88	37.08	36.97	69.01	854.91	-1,309.91	475.70	402.02	73.68	6.456	
9,500.00	7,312.72	9,330.76	7,142.12	38.53	38.42	68.96	854.05	-1,409.90	475.17	398.71	76.45	6.215	
9,600.00	7,312.12	9,430.76	7,141.35	40.01	39.88	68.91	853.18	-1,509.89	474.63	395.38	79.25	5.989	
9,700.00	7,311.53	9,530.76	7,140.59	41.50	41.36	68.87	852.31	-1,609.88	474.10	392.02	82.08	5.776	
9,800.00	7,310.93	9,630.75	7,139.83	43.00	42.86	68.82	851.45	-1,709.88	473.56	388.63	84.93	5.576	
9,900.00	7,310.33	9,730.75	7,139.07	44.52	44.36	68.77	850.58	-1,809.87	473.03	385.22	87.81	5.387	
10,000.00	7,309.74	9,830.75	7,138.30	46.05	45.88	68.73	849.71	-1,909.86	472.50	381.79	90.70	5.209	
10,100.00	7,309.14	9,930.75	7,137.54	47.58	47.41	68.68	848.85	-2,009.85	471.96	378.35	93.62	5.041	
10,200.00	7,308.55	10,030.75	7,136.78	49.13	48.95	68.63	847.98	-2,109.84	471.43	374.88	96.55	4.883	
10,300.00	7,307.95	10,130.74	7,136.02	50.68	50.50	68.59	847.11	-2,209.83	470.90	371.41	99.49	4.733	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,400.00	7,307.35	10,230.74	7,135.25	52.24	52.05	68.54	846.25	-2,309.82	470.37	367.92	102.45	4.591	
10,500.00	7,306.76	10,330.74	7,134.49	53.81	53.61	68.49	845.38	-2,409.81	469.83	364.42	105.41	4.457	
10,600.00	7,306.16	10,430.74	7,133.73	55.39	55.18	68.44	844.51	-2,509.80	469.30	360.91	108.39	4.330	
10,700.00	7,305.57	10,530.74	7,132.96	56.97	56.75	68.40	843.65	-2,609.80	468.77	357.39	111.38	4.209	
10,800.00	7,304.97	10,630.73	7,132.20	58.55	58.33	68.35	842.78	-2,709.79	468.24	353.86	114.38	4.094	
10,900.00	7,304.37	10,730.73	7,131.44	60.14	59.92	68.30	841.91	-2,809.78	467.71	350.33	117.38	3.984	
11,000.00	7,303.78	10,830.73	7,130.68	61.74	61.51	68.25	841.05	-2,909.77	467.18	346.78	120.40	3.880	
11,100.00	7,303.18	10,930.73	7,129.91	63.34	63.10	68.21	840.18	-3,009.76	466.65	343.23	123.42	3.781	
11,200.00	7,302.59	11,030.72	7,129.15	64.94	64.70	68.16	839.31	-3,109.75	466.12	339.68	126.44	3.686	
11,300.00	7,301.99	11,130.72	7,128.39	66.55	66.30	68.11	838.45	-3,209.74	465.59	336.12	129.47	3.596	
11,400.00	7,301.39	11,230.72	7,127.63	68.16	67.90	68.06	837.58	-3,309.73	465.06	332.55	132.51	3.510	
11,500.00	7,300.80	11,330.72	7,126.86	69.77	69.51	68.01	836.71	-3,409.73	464.53	328.99	135.55	3.427	
11,600.00	7,300.20	11,430.72	7,126.10	71.38	71.12	67.96	835.85	-3,509.72	464.01	325.41	138.59	3.348	
11,700.00	7,299.61	11,530.71	7,125.34	73.00	72.74	67.92	834.98	-3,609.71	463.48	321.84	141.64	3.272	
11,800.00	7,299.01	11,630.71	7,124.58	74.62	74.35	67.87	834.11	-3,709.70	462.95	318.26	144.69	3.200	
11,900.00	7,298.41	11,730.71	7,123.81	76.25	75.97	67.82	833.25	-3,809.69	462.42	314.68	147.75	3.130	
12,000.00	7,297.82	11,830.71	7,123.05	77.87	77.59	67.77	832.38	-3,909.68	461.90	311.09	150.81	3.063	
12,100.00	7,297.22	11,930.70	7,122.29	79.50	79.22	67.72	831.51	-4,009.67	461.37	307.50	153.87	2.999	
12,200.00	7,296.63	12,030.70	7,121.53	81.13	80.84	67.67	830.65	-4,109.66	460.84	303.92	156.93	2.937	
12,300.00	7,296.03	12,130.70	7,120.76	82.76	82.47	67.62	829.78	-4,209.65	460.32	300.33	159.99	2.877	
12,400.00	7,295.43	12,230.70	7,120.00	84.39	84.10	67.57	828.91	-4,309.65	459.79	296.73	163.06	2.820	
12,500.00	7,294.84	12,330.70	7,119.24	86.03	85.73	67.52	828.05	-4,409.64	459.27	293.14	166.13	2.765	
12,600.00	7,294.24	12,430.69	7,118.48	87.66	87.36	67.47	827.18	-4,509.63	458.74	289.55	169.19	2.711	
12,700.00	7,293.65	12,530.69	7,117.71	89.30	89.00	67.42	826.31	-4,609.62	458.22	285.95	172.27	2.660	
12,800.00	7,293.05	12,630.69	7,116.95	90.94	90.63	67.37	825.45	-4,709.61	457.69	282.36	175.34	2.610	
12,900.00	7,292.45	12,730.69	7,116.19	92.58	92.27	67.32	824.58	-4,809.60	457.17	278.76	178.41	2.562	
13,000.00	7,291.86	12,830.69	7,115.43	94.22	93.91	67.27	823.71	-4,909.59	456.65	275.16	181.48	2.516	
13,100.00	7,291.26	12,930.68	7,114.66	95.86	95.55	67.22	822.85	-5,009.58	456.12	271.57	184.56	2.471	
13,200.00	7,290.67	13,030.68	7,113.90	97.50	97.19	67.17	821.98	-5,109.58	455.60	267.97	187.63	2.428	
13,300.00	7,290.07	13,130.68	7,113.14	99.15	98.83	67.12	821.11	-5,209.57	455.08	264.37	190.70	2.386	
13,400.00	7,289.47	13,230.68	7,112.37	100.80	100.48	67.07	820.25	-5,309.56	454.56	260.78	193.78	2.346	
13,500.00	7,288.88	13,330.67	7,111.61	102.44	102.12	67.02	819.38	-5,409.55	454.03	257.18	196.85	2.306	
13,600.00	7,288.28	13,430.67	7,110.85	104.09	103.76	66.97	818.51	-5,509.54	453.51	253.58	199.93	2.268	
13,700.00	7,287.69	13,530.67	7,110.09	105.74	105.41	66.92	817.65	-5,609.53	452.99	249.99	203.00	2.231	
13,800.00	7,287.09	13,630.67	7,109.32	107.39	107.06	66.87	816.78	-5,709.52	452.47	246.39	206.08	2.196	
13,900.00	7,286.49	13,730.67	7,108.56	109.04	108.70	66.82	815.91	-5,809.51	451.95	242.80	209.15	2.161	
14,000.00	7,285.90	13,830.66	7,107.80	110.69	110.35	66.77	815.05	-5,909.50	451.43	239.20	212.23	2.127	
14,100.00	7,285.30	13,930.66	7,107.04	112.34	112.00	66.71	814.18	-6,009.50	450.91	235.61	215.30	2.094	
14,200.00	7,284.71	14,030.66	7,106.27	113.99	113.65	66.66	813.31	-6,109.49	450.39	232.02	218.37	2.062	
14,300.00	7,284.11	14,130.66	7,105.51	115.64	115.30	66.61	812.45	-6,209.48	449.87	228.43	221.45	2.032	
14,400.00	7,283.51	14,230.65	7,104.75	117.30	116.95	66.56	811.58	-6,309.47	449.36	224.84	224.52	2.001	
14,500.00	7,282.92	14,330.65	7,103.99	118.95	118.60	66.51	810.71	-6,409.46	448.84	221.25	227.59	1.972	
14,600.00	7,282.32	14,430.65	7,103.22	120.61	120.26	66.46	809.85	-6,509.45	448.32	217.66	230.66	1.944	
14,700.00	7,281.73	14,530.65	7,102.46	122.26	121.91	66.40	808.98	-6,609.44	447.80	214.07	233.73	1.916	
14,800.00	7,281.13	14,630.65	7,101.70	123.92	123.56	66.35	808.11	-6,709.43	447.29	210.48	236.80	1.889	
14,900.00	7,280.53	14,730.64	7,100.94	125.57	125.22	66.30	807.25	-6,809.42	446.77	206.90	239.87	1.863	
15,000.00	7,279.94	14,830.64	7,100.17	127.23	126.87	66.25	806.38	-6,909.42	446.25	203.31	242.94	1.837	
15,100.00	7,279.34	14,930.64	7,099.41	128.89	128.53	66.19	805.51	-7,009.41	445.74	199.73	246.01	1.812	
15,200.00	7,278.75	15,030.64	7,098.65	130.54	130.18	66.14	804.65	-7,109.40	445.22	196.15	249.07	1.788	
15,257.27	7,278.40	15,087.91	7,098.21	131.49	131.13	66.11	804.15	-7,166.67	444.93	194.10	250.83	1.774	SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	-4.80	39.71	-3.34	39.85				
100.00	100.00	100.00	100.00	3.28	3.28	-4.80	39.71	-3.34	39.85	32.32	7.53	5.293	
200.00	200.00	200.00	200.00	3.31	3.31	-4.80	39.71	-3.34	39.85	32.28	7.57	5.261	
274.03	274.02	273.88	273.88	3.34	3.34	-73.98	39.76	-3.25	39.76	32.12	7.64	5.207	CC
300.00	300.00	299.70	299.70	3.35	3.35	-73.49	39.93	-2.97	39.91	32.25	7.66	5.209	
400.00	399.93	399.09	399.03	3.41	3.41	-73.80	41.69	0.00	40.43	32.65	7.79	5.192	
500.00	499.68	498.48	498.17	3.50	3.50	-74.38	45.20	5.93	41.47	33.51	7.96	5.211	
600.00	599.13	597.86	597.01	3.62	3.62	-75.20	50.46	14.81	43.04	34.86	8.18	5.261	
700.00	698.15	697.23	695.41	3.76	3.76	-76.21	57.47	26.63	45.14	36.68	8.46	5.334	
800.00	796.80	803.23	793.49	3.93	3.94	-76.42	66.14	41.26	47.94	39.11	8.82	5.433	
900.00	895.43	903.28	891.84	4.14	4.15	-75.93	75.23	56.60	51.01	41.78	9.23	5.526	
1,000.00	994.06	996.68	990.19	4.36	4.37	-75.50	84.32	71.95	54.09	44.42	9.67	5.594	
1,100.00	1,092.69	1,103.37	1,088.54	4.61	4.64	-75.11	93.41	87.29	57.17	46.99	10.18	5.618	
1,200.00	1,191.33	1,203.42	1,186.88	4.87	4.91	-74.76	102.51	102.64	60.25	49.55	10.70	5.631	
1,300.00	1,289.96	1,303.47	1,285.23	5.14	5.19	-74.44	111.60	117.98	63.34	52.09	11.25	5.629	
1,400.00	1,388.59	1,403.52	1,383.58	5.43	5.49	-74.16	120.69	133.33	66.43	54.60	11.83	5.617	
1,500.00	1,487.22	1,496.44	1,481.92	5.73	5.78	-73.89	129.79	148.68	69.51	57.12	12.40	5.607	
1,600.00	1,585.85	1,596.39	1,580.27	6.03	6.10	-73.66	138.88	164.02	72.60	59.60	13.01	5.582	
1,700.00	1,684.48	1,703.66	1,678.62	6.34	6.44	-73.44	147.97	179.37	75.69	62.04	13.66	5.543	
1,800.00	1,783.11	1,803.71	1,776.97	6.66	6.77	-73.23	157.07	194.71	78.79	64.50	14.29	5.515	
1,900.00	1,881.75	1,903.76	1,875.31	6.84	6.94	-73.05	166.16	210.06	81.88	67.63	14.25	5.748	
2,000.00	1,980.38	2,003.81	1,973.66	6.87	6.99	-72.88	175.25	225.40	84.97	70.66	14.32	5.935	
2,100.00	2,079.01	2,096.15	2,072.01	6.93	7.04	-72.71	184.35	240.75	88.07	73.65	14.42	6.109	
2,200.00	2,177.64	2,196.10	2,170.36	6.99	7.11	-72.56	193.44	256.09	91.16	76.61	14.55	6.266	
2,300.00	2,276.27	2,303.95	2,268.70	7.08	7.21	-72.42	202.53	271.44	94.26	79.54	14.72	6.404	
2,400.00	2,374.90	2,404.00	2,367.05	7.18	7.31	-72.29	211.63	286.78	97.35	82.44	14.91	6.528	
2,500.00	2,473.53	2,504.05	2,465.40	7.29	7.43	-72.17	220.72	302.13	100.45	85.31	15.14	6.637	
2,600.00	2,572.17	2,595.91	2,563.75	7.41	7.55	-72.05	229.81	317.47	103.55	88.17	15.37	6.735	
2,700.00	2,670.80	2,704.14	2,662.09	7.55	7.70	-71.94	238.91	332.82	106.64	90.98	15.66	6.810	
2,800.00	2,769.43	2,804.19	2,760.44	7.70	7.85	-71.84	248.00	348.17	109.74	93.78	15.96	6.876	
2,900.00	2,868.06	2,904.24	2,858.79	7.86	8.02	-71.74	257.09	363.51	112.84	96.56	16.28	6.930	
3,000.00	2,966.69	3,004.29	2,957.13	8.03	8.20	-71.65	266.19	378.86	115.94	99.31	16.63	6.974	
3,100.00	3,065.32	3,104.34	3,055.48	8.21	8.39	-71.57	275.28	394.20	119.04	102.05	16.99	7.007	
3,200.00	3,163.95	3,204.38	3,153.83	8.40	8.58	-71.48	284.37	409.55	122.14	104.76	17.37	7.031	
3,300.00	3,262.59	3,304.43	3,252.18	8.60	8.79	-71.40	293.47	424.89	125.24	107.46	17.77	7.047	
3,400.00	3,361.22	3,395.52	3,350.52	8.80	8.98	-71.33	302.56	440.24	128.34	110.17	18.17	7.063	
3,500.00	3,459.85	3,504.53	3,448.87	9.02	9.22	-71.26	311.65	455.58	131.43	112.81	18.62	7.059	
3,600.00	3,558.48	3,604.58	3,547.22	9.24	9.45	-71.19	320.75	470.93	134.53	115.47	19.07	7.056	
3,700.00	3,657.11	3,704.62	3,645.57	9.46	9.69	-71.12	329.84	486.27	137.63	118.11	19.53	7.049	
3,800.00	3,755.74	3,804.67	3,743.91	9.70	9.93	-71.06	338.93	501.62	140.73	120.74	20.00	7.038	
3,900.00	3,854.37	3,904.72	3,842.26	9.94	10.17	-71.00	348.03	516.96	143.83	123.36	20.48	7.023	
4,000.00	3,953.01	3,995.23	3,940.61	10.18	10.40	-70.95	357.12	532.31	146.94	125.99	20.95	7.014	
4,100.00	4,051.64	4,095.18	4,038.96	10.43	10.65	-70.89	366.21	547.66	150.04	128.58	21.45	6.994	
4,200.00	4,150.27	4,204.87	4,137.30	10.68	10.94	-70.84	375.31	563.00	153.14	131.15	21.99	6.965	
4,300.00	4,248.90	4,304.91	4,235.65	10.94	11.21	-70.79	384.40	578.35	156.24	133.73	22.51	6.941	
4,400.00	4,347.53	4,404.96	4,334.00	11.20	11.47	-70.74	393.49	593.69	159.34	136.30	23.04	6.917	
4,500.00	4,446.16	4,505.01	4,432.34	11.47	11.75	-70.69	402.59	609.04	162.44	138.87	23.57	6.891	
4,600.00	4,544.79	4,605.06	4,530.69	11.74	12.02	-70.65	411.68	624.38	165.54	141.43	24.12	6.864	
4,700.00	4,643.43	4,705.11	4,629.04	12.01	12.30	-70.61	420.77	639.73	168.64	143.98	24.66	6.837	
4,800.00	4,742.06	4,794.85	4,727.39	12.28	12.55	-70.56	429.87	655.07	171.74	146.55	25.19	6.818	
4,900.00	4,840.69	4,905.20	4,825.73	12.56	12.87	-70.52	438.96	670.42	174.84	149.06	25.78	6.782	
5,000.00	4,939.32	4,994.75	4,924.08	12.84	13.13	-70.49	448.05	685.76	177.95	151.63	26.32	6.762	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,105.30	5,022.43	13.12	13.45	-70.45	457.15	701.11	181.05	154.13	26.92	6.726	
5,200.00	5,136.58	5,194.65	5,120.78	13.41	13.71	-70.41	466.24	716.45	184.15	156.69	27.46	6.706	
5,300.00	5,235.22	5,305.40	5,219.12	13.69	14.03	-70.38	475.33	731.80	187.25	159.18	28.07	6.671	
5,400.00	5,333.85	5,394.56	5,317.47	13.98	14.30	-70.34	484.43	747.14	190.35	161.73	28.62	6.651	
5,500.00	5,432.48	5,494.51	5,415.82	14.27	14.59	-70.31	493.52	762.49	193.46	164.25	29.21	6.623	
5,600.00	5,531.11	5,605.54	5,514.17	14.57	14.93	-70.28	502.61	777.84	196.56	166.72	29.83	6.589	
5,700.00	5,629.74	5,705.59	5,612.51	14.86	15.23	-70.25	511.71	793.18	199.66	169.23	30.43	6.562	
5,800.00	5,728.37	5,805.64	5,710.86	15.16	15.53	-70.22	520.80	808.53	202.76	171.74	31.02	6.536	
5,900.00	5,827.00	5,905.68	5,809.21	15.45	15.84	-70.19	529.89	823.87	205.86	174.24	31.62	6.510	
6,000.00	5,925.64	6,005.73	5,907.55	15.75	16.14	-70.16	538.99	839.22	208.97	176.74	32.23	6.484	
6,100.00	6,024.27	6,105.78	6,005.90	16.05	16.45	-70.13	548.08	854.56	212.07	179.24	32.83	6.459	
6,200.00	6,122.90	6,194.17	6,104.25	16.35	16.72	-70.11	557.17	869.91	215.17	181.77	33.40	6.441	
6,300.00	6,221.53	6,305.88	6,202.60	16.66	17.07	-70.08	566.27	885.25	218.27	184.22	34.05	6.410	
6,400.00	6,320.16	6,405.93	6,300.94	16.96	17.38	-70.06	575.36	900.60	221.37	186.71	34.66	6.387	
6,500.00	6,418.79	6,494.03	6,399.29	17.26	17.65	-70.03	584.45	915.94	224.48	189.24	35.24	6.370	
6,600.00	6,517.42	6,593.98	6,497.64	17.57	17.97	-70.01	593.55	931.29	227.58	191.72	35.86	6.347	
6,700.00	6,616.13	6,692.18	6,595.10	17.86	18.18	-65.19	602.49	938.14	231.01	194.61	36.40	6.346	
6,800.00	6,715.79	6,788.51	6,690.61	18.05	18.32	29.72	611.14	930.18	235.03	198.27	36.77	6.393	
6,900.00	6,814.75	6,883.28	6,782.38	18.17	18.40	63.83	619.34	908.33	239.37	202.41	36.97	6.475	
7,000.00	6,910.58	6,976.69	6,868.68	18.23	18.44	68.39	626.94	873.65	243.80	206.78	37.02	6.585	
7,100.00	7,000.92	7,068.91	6,948.05	18.24	18.44	69.04	633.81	827.36	248.08	211.11	36.97	6.710	
7,200.00	7,083.54	7,160.14	7,019.22	18.23	18.42	68.72	639.85	770.71	251.99	215.12	36.87	6.834	
7,300.00	7,156.41	7,250.58	7,081.10	18.22	18.41	68.17	644.97	705.07	255.34	218.53	36.80	6.938	
7,400.00	7,217.74	7,340.41	7,132.79	18.25	18.42	67.67	649.10	631.81	257.96	221.11	36.85	7.001	
7,500.00	7,266.01	7,429.82	7,173.56	18.35	18.50	67.36	652.19	552.37	259.73	222.66	37.07	7.006	
7,600.00	7,300.04	7,519.00	7,202.79	18.55	18.65	67.28	654.19	468.22	260.57	223.04	37.53	6.943	
7,700.00	7,318.98	7,608.13	7,220.02	18.85	18.90	67.48	655.06	380.86	260.44	222.22	38.22	6.815	
7,800.00	7,322.85	7,697.96	7,224.97	19.26	19.24	67.84	654.80	291.23	259.50	220.39	39.12	6.634	
7,900.00	7,322.26	7,802.04	7,224.26	19.79	19.78	67.77	653.94	191.24	258.96	218.73	40.23	6.438	
8,000.00	7,321.66	7,902.04	7,223.55	20.45	20.44	67.69	653.08	91.25	258.42	216.88	41.53	6.222	
8,100.00	7,321.06	8,002.05	7,222.85	21.22	21.20	67.61	652.22	-8.74	257.88	214.84	43.04	5.991	
8,200.00	7,320.47	8,102.05	7,222.14	22.09	22.07	67.54	651.36	-108.74	257.34	212.61	44.72	5.754	
8,300.00	7,319.87	8,202.05	7,221.43	23.05	23.02	67.46	650.50	-208.73	256.80	210.23	46.57	5.515	
8,400.00	7,319.28	8,302.05	7,220.73	24.08	24.06	67.38	649.64	-308.72	256.26	207.71	48.54	5.279	
8,500.00	7,318.68	8,402.05	7,220.02	25.18	25.15	67.31	648.78	-408.71	255.72	205.07	50.65	5.049	
8,600.00	7,318.08	8,502.06	7,219.31	26.35	26.31	67.23	647.92	-508.70	255.18	202.33	52.85	4.828	
8,700.00	7,317.49	8,602.06	7,218.61	27.56	27.52	67.15	647.07	-608.69	254.64	199.49	55.16	4.617	
8,800.00	7,316.89	8,702.06	7,217.90	28.82	28.78	67.07	646.21	-708.69	254.10	196.57	57.54	4.416	
8,900.00	7,316.29	8,802.06	7,217.20	30.12	30.08	67.00	645.35	-808.68	253.57	193.57	59.99	4.227	
9,000.00	7,315.70	8,902.06	7,216.49	31.46	31.41	66.92	644.49	-908.67	253.03	190.52	62.51	4.048	
9,100.00	7,315.10	9,002.07	7,215.78	32.82	32.77	66.84	643.63	-1,008.66	252.49	187.41	65.08	3.880	
9,200.00	7,314.51	9,102.07	7,215.08	34.22	34.16	66.76	642.77	-1,108.65	251.96	184.26	67.70	3.722	
9,300.00	7,313.91	9,197.93	7,214.37	35.64	35.51	66.68	641.91	-1,208.64	251.42	181.12	70.31	3.576	
9,400.00	7,313.31	9,302.07	7,213.66	37.08	37.01	66.60	641.05	-1,308.64	250.89	177.83	73.06	3.434	
9,500.00	7,312.72	9,402.07	7,212.96	38.53	38.46	66.52	640.19	-1,408.63	250.35	174.56	75.79	3.303	
9,600.00	7,312.12	9,502.08	7,212.25	40.01	39.93	66.44	639.33	-1,508.62	249.82	171.27	78.55	3.180	
9,700.00	7,311.53	9,602.08	7,211.54	41.50	41.42	66.36	638.47	-1,608.61	249.29	167.95	81.34	3.065	
9,800.00	7,310.93	9,702.08	7,210.84	43.00	42.92	66.27	637.61	-1,708.60	248.76	164.60	84.15	2.956	
9,900.00	7,310.33	9,802.08	7,210.13	44.52	44.43	66.19	636.75	-1,808.60	248.22	161.24	86.98	2.854	
10,000.00	7,309.74	9,902.09	7,209.42	46.05	45.96	66.11	635.89	-1,908.59	247.69	157.86	89.83	2.757	
10,100.00	7,309.14	10,002.09	7,208.72	47.58	47.49	66.03	635.03	-2,008.58	247.16	154.47	92.69	2.666	
10,200.00	7,308.55	10,102.09	7,208.01	49.13	49.03	65.94	634.17	-2,108.57	246.63	151.06	95.57	2.581	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,202.09	7,207.30	50.68	50.58	65.86	633.31	-2,208.56	246.10	147.64	98.46	2.499	
10,400.00	7,307.35	10,302.09	7,206.60	52.24	52.14	65.78	632.45	-2,308.55	245.57	144.20	101.37	2.423	
10,500.00	7,306.76	10,402.10	7,205.89	53.81	53.71	65.69	631.59	-2,408.55	245.04	140.76	104.28	2.350	
10,600.00	7,306.16	10,502.10	7,205.19	55.39	55.28	65.61	630.73	-2,508.54	244.51	137.31	107.20	2.281	
10,700.00	7,305.57	10,602.10	7,204.48	56.97	56.86	65.52	629.87	-2,608.53	243.98	133.86	110.13	2.215	
10,800.00	7,304.97	10,702.10	7,203.77	58.55	58.44	65.44	629.01	-2,708.52	243.46	130.39	113.06	2.153	
10,900.00	7,304.37	10,802.10	7,203.07	60.14	60.03	65.35	628.15	-2,808.51	242.93	126.92	116.01	2.094	
11,000.00	7,303.78	10,902.11	7,202.36	61.74	61.62	65.27	627.29	-2,908.50	242.40	123.45	118.96	2.038	
11,100.00	7,303.18	11,002.11	7,201.65	63.34	63.22	65.18	626.43	-3,008.50	241.88	119.97	121.91	1.984	
11,200.00	7,302.59	11,102.11	7,200.95	64.94	64.82	65.10	625.57	-3,108.49	241.35	116.49	124.87	1.933	
11,300.00	7,301.99	11,202.11	7,200.24	66.55	66.42	65.01	624.71	-3,208.48	240.83	113.00	127.83	1.884	
11,400.00	7,301.39	11,302.11	7,199.53	68.16	68.03	64.92	623.85	-3,308.47	240.30	109.51	130.79	1.837	
11,500.00	7,300.80	11,402.12	7,198.83	69.77	69.64	64.83	622.99	-3,408.46	239.78	106.02	133.76	1.793	
11,600.00	7,300.20	11,502.12	7,198.12	71.38	71.26	64.75	622.13	-3,508.46	239.26	102.53	136.73	1.750	
11,700.00	7,299.61	11,602.12	7,197.41	73.00	72.87	64.66	621.27	-3,608.45	238.73	99.04	139.70	1.709	
11,800.00	7,299.01	11,702.12	7,196.71	74.62	74.49	64.57	620.41	-3,708.44	238.21	95.54	142.67	1.670	
11,900.00	7,298.41	11,802.12	7,196.00	76.25	76.11	64.48	619.55	-3,808.43	237.69	92.05	145.64	1.632	
12,000.00	7,297.82	11,902.13	7,195.29	77.87	77.74	64.39	618.69	-3,908.42	237.17	88.55	148.62	1.596	
12,100.00	7,297.22	12,002.13	7,194.59	79.50	79.36	64.30	617.83	-4,008.41	236.65	85.06	151.59	1.561	
12,200.00	7,296.63	12,102.13	7,193.88	81.13	80.99	64.21	616.97	-4,108.41	236.13	81.57	154.57	1.528	
12,300.00	7,296.03	12,202.13	7,193.18	82.76	82.62	64.12	616.11	-4,208.40	235.61	78.07	157.54	1.496	Level 3
12,400.00	7,295.43	12,302.13	7,192.47	84.39	84.25	64.03	615.25	-4,308.39	235.09	74.58	160.51	1.465	Level 3
12,500.00	7,294.84	12,402.14	7,191.76	86.03	85.88	63.93	614.39	-4,408.38	234.58	71.09	163.49	1.435	Level 3
12,600.00	7,294.24	12,502.14	7,191.06	87.66	87.52	63.84	613.54	-4,508.37	234.06	67.60	166.46	1.406	Level 3
12,700.00	7,293.65	12,602.14	7,190.35	89.30	89.15	63.75	612.68	-4,608.36	233.54	64.11	169.43	1.378	Level 3
12,800.00	7,293.05	12,702.14	7,189.64	90.94	90.79	63.66	611.82	-4,708.36	233.03	60.62	172.41	1.352	Level 3
12,900.00	7,292.45	12,802.14	7,188.94	92.58	92.43	63.56	610.96	-4,808.35	232.51	57.14	175.37	1.326	Level 3
13,000.00	7,291.86	12,902.15	7,188.23	94.22	94.07	63.47	610.10	-4,908.34	232.00	53.65	178.34	1.301	Level 3
13,100.00	7,291.26	13,002.15	7,187.52	95.86	95.71	63.38	609.24	-5,008.33	231.48	50.17	181.31	1.277	Level 3
13,200.00	7,290.67	13,102.15	7,186.82	97.50	97.35	63.28	608.38	-5,108.32	230.97	46.69	184.27	1.253	Level 3
13,300.00	7,290.07	13,202.15	7,186.11	99.15	98.99	63.19	607.52	-5,208.32	230.46	43.22	187.24	1.231	Level 2
13,400.00	7,289.47	13,302.15	7,185.40	100.80	100.64	63.09	606.66	-5,308.31	229.94	39.74	190.20	1.209	Level 2
13,500.00	7,288.88	13,402.16	7,184.70	102.44	102.28	63.00	605.80	-5,408.30	229.43	36.27	193.16	1.188	Level 2
13,600.00	7,288.28	13,502.16	7,183.99	104.09	103.93	62.90	604.94	-5,508.29	228.92	32.81	196.11	1.167	Level 2
13,700.00	7,287.69	13,597.84	7,183.28	105.74	105.51	62.80	604.08	-5,608.28	228.41	29.41	199.00	1.148	Level 2
13,800.00	7,287.09	13,702.16	7,182.58	107.39	107.22	62.71	603.22	-5,708.27	227.90	25.88	202.02	1.128	Level 2
13,900.00	7,286.49	13,802.16	7,181.87	109.04	108.87	62.61	602.36	-5,808.27	227.39	22.43	204.97	1.109	Level 2
14,000.00	7,285.90	13,902.17	7,181.17	110.69	110.52	62.51	601.50	-5,908.26	226.88	18.97	207.91	1.091	Level 2
14,100.00	7,285.30	14,002.17	7,180.46	112.34	112.17	62.41	600.64	-6,008.25	226.38	15.52	210.85	1.074	Level 2
14,200.00	7,284.71	14,102.17	7,179.75	113.99	113.82	62.31	599.78	-6,108.24	225.87	12.07	213.79	1.056	Level 2
14,300.00	7,284.11	14,202.17	7,179.05	115.64	115.48	62.21	598.92	-6,208.23	225.36	8.63	216.73	1.040	Level 2
14,400.00	7,283.51	14,302.18	7,178.34	117.30	117.13	62.11	598.06	-6,308.22	224.86	5.19	219.66	1.024	Level 2
14,500.00	7,282.92	14,402.18	7,177.63	118.95	118.78	62.01	597.20	-6,408.22	224.35	1.76	222.59	1.008	Level 2
14,600.00	7,282.32	14,502.18	7,176.93	120.61	120.43	61.91	596.34	-6,508.21	223.85	-1.67	225.52	0.993	Level 1
14,700.00	7,281.73	14,602.18	7,176.22	122.26	122.09	61.81	595.48	-6,608.20	223.34	-5.10	228.44	0.978	Level 1
14,800.00	7,281.13	14,702.18	7,175.51	123.92	123.74	61.71	594.62	-6,708.19	222.84	-8.52	231.36	0.963	Level 1
14,900.00	7,280.53	14,802.19	7,174.81	125.57	125.40	61.61	593.76	-6,808.18	222.34	-11.94	234.28	0.949	Level 1
15,000.00	7,279.94	14,902.19	7,174.10	127.23	127.05	61.51	592.90	-6,908.18	221.84	-15.35	237.19	0.935	Level 1
15,100.00	7,279.34	15,002.19	7,173.39	128.89	128.71	61.40	592.04	-7,008.17	221.34	-18.76	240.09	0.922	Level 1
15,200.00	7,278.75	15,097.81	7,172.69	130.54	130.29	61.30	591.18	-7,108.16	220.84	-22.09	242.93	0.909	Level 1
15,257.27	7,278.40	15,155.08	7,172.28	131.49	131.24	61.24	590.69	-7,165.43	220.55	-24.04	244.59	0.902	Level 1, ES, SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	175.64	-40.07	3.06	40.19				
100.00	100.00	101.00	101.00	3.28	3.28	175.64	-40.07	3.06	40.19	32.66	7.53	5.338	
200.00	200.00	201.00	201.00	3.31	3.31	175.64	-40.07	3.06	40.19	32.62	7.57	5.306	
200.24	200.24	201.24	201.24	3.31	3.31	175.64	-40.07	3.06	40.19	32.62	7.57	5.306	CC, ES
300.00	300.00	301.01	300.99	3.35	3.35	105.05	-39.89	4.83	40.29	32.63	7.66	5.259	
400.00	399.93	400.95	400.78	3.41	3.42	102.39	-39.34	10.06	41.27	33.48	7.79	5.299	
500.00	499.68	500.80	500.25	3.50	3.51	99.80	-38.42	18.75	43.26	35.29	7.96	5.431	
600.00	599.13	600.56	599.25	3.62	3.62	97.44	-37.15	30.86	46.25	38.06	8.20	5.643	
700.00	698.15	700.28	697.76	3.76	3.78	95.50	-35.53	46.29	50.22	41.73	8.49	5.915	
800.00	796.80	800.18	796.28	3.93	3.96	95.46	-33.80	62.74	54.62	45.77	8.85	6.172	
900.00	895.43	900.08	894.80	4.14	4.17	95.55	-32.07	79.19	59.04	49.77	9.26	6.373	
1,000.00	994.06	1,000.01	993.33	4.36	4.41	95.63	-30.34	95.64	63.45	53.73	9.72	6.528	
1,100.00	1,092.69	1,100.11	1,091.85	4.61	4.66	95.70	-28.61	112.09	67.86	57.65	10.21	6.644	
1,200.00	1,191.33	1,200.21	1,190.38	4.87	4.93	95.76	-26.88	128.54	72.27	61.53	10.74	6.729	
1,300.00	1,289.96	1,300.31	1,288.90	5.14	5.21	95.81	-25.16	144.99	76.68	65.39	11.29	6.790	
1,400.00	1,388.59	1,400.40	1,387.42	5.43	5.51	95.86	-23.43	161.44	81.10	69.23	11.87	6.832	
1,500.00	1,487.22	1,500.50	1,485.95	5.73	5.81	95.90	-21.70	177.89	85.51	73.04	12.47	6.859	
1,600.00	1,585.85	1,600.60	1,584.47	6.03	6.12	95.94	-19.97	194.34	89.92	76.84	13.08	6.875	
1,700.00	1,684.48	1,700.70	1,682.99	6.34	6.44	95.97	-18.24	210.79	94.33	80.63	13.71	6.882	
1,800.00	1,783.11	1,800.79	1,781.52	6.66	6.77	96.00	-16.51	227.24	98.75	84.40	14.34	6.884	
1,900.00	1,881.75	1,900.89	1,880.04	6.84	6.94	96.03	-14.78	243.69	103.16	88.85	14.31	7.208	
2,000.00	1,980.38	2,000.99	1,978.57	6.87	6.98	96.06	-13.05	260.14	107.57	93.18	14.39	7.476	
2,100.00	2,079.01	2,101.09	2,077.09	6.93	7.03	96.08	-11.32	276.59	111.98	97.49	14.49	7.726	
2,200.00	2,177.64	2,201.18	2,175.61	6.99	7.10	96.11	-9.60	293.04	116.39	101.76	14.63	7.955	
2,300.00	2,276.27	2,301.28	2,274.14	7.08	7.19	96.13	-7.87	309.49	120.81	106.01	14.80	8.164	
2,400.00	2,374.90	2,401.38	2,372.66	7.18	7.29	96.15	-6.14	325.94	125.22	110.23	14.99	8.352	
2,500.00	2,473.53	2,501.47	2,471.19	7.29	7.40	96.16	-4.41	342.39	129.63	114.42	15.22	8.519	
2,600.00	2,572.17	2,601.57	2,569.71	7.41	7.53	96.18	-2.68	358.84	134.04	118.58	15.47	8.667	
2,700.00	2,670.80	2,701.67	2,668.23	7.55	7.66	96.20	-0.95	375.29	138.46	122.72	15.74	8.797	
2,800.00	2,769.43	2,801.77	2,766.76	7.70	7.81	96.21	0.78	391.74	142.87	126.83	16.04	8.908	
2,900.00	2,868.06	2,901.86	2,865.28	7.86	7.98	96.22	2.51	408.19	147.28	130.92	16.36	9.004	
3,000.00	2,966.69	3,001.96	2,963.80	8.03	8.15	96.24	4.24	424.64	151.69	135.00	16.70	9.084	
3,100.00	3,065.32	3,097.94	3,062.33	8.21	8.32	96.25	5.96	441.09	156.11	139.05	17.05	9.155	
3,200.00	3,163.95	3,202.16	3,160.85	8.40	8.52	96.26	7.69	457.54	160.52	143.08	17.44	9.205	
3,300.00	3,262.59	3,302.25	3,259.38	8.60	8.72	96.27	9.42	473.98	164.93	147.10	17.84	9.248	
3,400.00	3,361.22	3,402.35	3,357.90	8.80	8.93	96.28	11.15	490.43	169.34	151.10	18.25	9.280	
3,500.00	3,459.85	3,502.45	3,456.42	9.02	9.15	96.29	12.88	506.88	173.76	155.08	18.68	9.304	
3,600.00	3,558.48	3,602.55	3,554.95	9.24	9.37	96.30	14.61	523.33	178.17	159.05	19.12	9.320	
3,700.00	3,657.11	3,702.64	3,653.47	9.46	9.60	96.31	16.34	539.78	182.58	163.01	19.57	9.329	
3,800.00	3,755.74	3,802.74	3,752.00	9.70	9.84	96.32	18.07	556.23	186.99	166.96	20.04	9.332	
3,900.00	3,854.37	3,897.16	3,850.52	9.94	10.07	96.33	19.80	572.68	191.41	170.91	20.50	9.337	
4,000.00	3,953.01	4,002.94	3,949.04	10.18	10.33	96.34	21.53	589.13	195.82	174.82	21.00	9.324	
4,100.00	4,051.64	4,103.03	4,047.57	10.43	10.58	96.34	23.25	605.58	200.23	178.73	21.50	9.313	
4,200.00	4,150.27	4,203.13	4,146.09	10.68	10.83	96.35	24.98	622.03	204.64	182.64	22.01	9.299	
4,300.00	4,248.90	4,303.23	4,244.61	10.94	11.09	96.36	26.71	638.48	209.06	186.54	22.52	9.283	
4,400.00	4,347.53	4,403.33	4,343.14	11.20	11.36	96.36	28.44	654.93	213.47	190.43	23.04	9.263	
4,500.00	4,446.16	4,503.42	4,441.66	11.47	11.63	96.37	30.17	671.38	217.88	194.31	23.57	9.242	
4,600.00	4,544.79	4,603.52	4,540.19	11.74	11.90	96.38	31.90	687.83	222.29	198.18	24.11	9.219	
4,700.00	4,643.43	4,703.62	4,638.71	12.01	12.17	96.38	33.63	704.28	226.71	202.05	24.65	9.195	
4,800.00	4,742.06	4,803.72	4,737.23	12.28	12.45	96.39	35.36	720.73	231.12	205.92	25.20	9.170	
4,900.00	4,840.69	4,903.81	4,835.76	12.56	12.73	96.39	37.09	737.18	235.53	209.77	25.76	9.144	
5,000.00	4,939.32	5,003.91	4,934.28	12.84	13.01	96.40	38.81	753.63	239.95	213.63	26.32	9.117	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,104.01	5,032.81	13.12	13.30	96.40	40.54	770.08	244.36	217.47	26.88	9.090	
5,200.00	5,136.58	5,204.10	5,131.33	13.41	13.59	96.41	42.27	786.53	248.77	221.32	27.45	9.062	
5,300.00	5,235.22	5,304.20	5,229.85	13.69	13.88	96.41	44.00	802.98	253.18	225.16	28.03	9.034	
5,400.00	5,333.85	5,404.30	5,328.38	13.98	14.17	96.42	45.73	819.43	257.60	228.99	28.60	9.006	
5,500.00	5,432.48	5,504.40	5,426.90	14.27	14.46	96.42	47.46	835.88	262.01	232.82	29.18	8.978	
5,600.00	5,531.11	5,604.49	5,525.42	14.57	14.76	96.42	49.19	852.33	266.42	236.65	29.77	8.950	
5,700.00	5,629.74	5,704.59	5,623.95	14.86	15.06	96.43	50.92	868.78	270.83	240.48	30.36	8.922	
5,800.00	5,728.37	5,804.69	5,722.47	15.16	15.36	96.43	52.65	885.23	275.25	244.30	30.95	8.894	
5,900.00	5,827.00	5,904.79	5,821.00	15.45	15.66	96.44	54.37	901.68	279.66	248.12	31.54	8.866	
6,000.00	5,925.64	6,004.88	5,919.52	15.75	15.96	96.44	56.10	918.13	284.07	251.93	32.14	8.839	
6,100.00	6,024.27	6,104.98	6,018.04	16.05	16.26	96.44	57.83	934.58	288.48	255.74	32.74	8.812	
6,200.00	6,122.90	6,205.08	6,116.57	16.35	16.57	96.45	59.56	951.03	292.90	259.55	33.34	8.785	
6,300.00	6,221.53	6,294.82	6,215.09	16.66	16.84	96.45	61.29	967.47	297.31	263.39	33.91	8.767	
6,400.00	6,320.16	6,394.73	6,313.62	16.96	17.15	96.45	63.02	983.92	301.72	267.20	34.52	8.741	
6,500.00	6,418.79	6,506.37	6,424.76	17.26	17.36	98.21	64.82	992.74	304.18	269.11	35.08	8.672	
6,600.00	6,517.42	6,612.07	6,529.88	17.57	17.48	103.14	66.23	983.09	304.19	268.63	35.56	8.555	
6,600.88	6,518.29	6,612.96	6,530.76	17.57	17.48	103.24	66.24	982.94	304.19	268.63	35.56	8.554	
6,700.00	6,616.13	6,707.32	6,622.09	17.86	17.52	117.01	67.23	959.62	305.83	269.92	35.91	8.516	
6,800.00	6,715.79	6,795.48	6,703.45	18.05	17.53	-137.63	67.91	925.85	312.93	276.98	35.95	8.704	
6,900.00	6,814.75	6,879.32	6,775.80	18.17	17.52	-93.85	68.32	883.62	324.95	289.21	35.74	9.092	
7,000.00	6,910.58	6,959.73	6,839.41	18.23	17.50	-80.66	68.49	834.51	340.38	305.04	35.34	9.632	
7,100.00	7,000.92	7,037.41	6,894.52	18.24	17.49	-72.54	68.44	779.83	357.65	322.81	34.84	10.267	
7,200.00	7,083.54	7,112.93	6,941.33	18.23	17.52	-66.59	68.20	720.62	375.38	341.05	34.33	10.935	
7,300.00	7,156.41	7,186.75	6,980.00	18.22	17.58	-62.05	67.78	657.79	392.43	358.52	33.91	11.573	
7,400.00	7,217.74	7,259.24	7,010.65	18.25	17.68	-58.58	67.20	592.15	407.89	374.25	33.65	12.122	
7,500.00	7,266.01	7,330.71	7,033.37	18.35	17.84	-55.98	66.46	524.43	421.08	387.47	33.61	12.530	
7,600.00	7,300.04	7,400.00	7,048.03	18.55	18.04	-54.17	65.61	456.75	431.47	397.67	33.80	12.765	
7,700.00	7,318.98	7,471.66	7,055.36	18.85	18.31	-53.01	64.59	385.51	438.71	404.46	34.25	12.809	
7,800.00	7,322.85	7,556.07	7,055.48	19.26	18.69	-52.61	63.25	301.13	442.10	407.17	34.93	12.656	
7,900.00	7,322.26	7,656.06	7,054.40	19.79	19.26	-52.67	61.65	201.16	443.48	407.64	35.84	12.373	
8,000.00	7,321.66	7,756.04	7,053.33	20.45	19.95	-52.73	60.05	101.19	444.87	407.91	36.96	12.037	
8,100.00	7,321.06	7,856.03	7,052.25	21.22	20.76	-52.79	58.45	1.21	446.25	407.99	38.26	11.664	
8,200.00	7,320.47	7,956.02	7,051.17	22.09	21.66	-52.84	56.85	-98.76	447.64	407.91	39.73	11.268	
8,300.00	7,319.87	8,056.01	7,050.09	23.05	22.65	-52.90	55.25	-198.73	449.02	407.67	41.35	10.860	
8,400.00	7,319.28	8,156.00	7,049.01	24.08	23.72	-52.96	53.64	-298.70	450.41	407.30	43.10	10.450	
8,500.00	7,318.68	8,255.99	7,047.93	25.18	24.85	-53.01	52.04	-398.67	451.79	406.82	44.97	10.045	
8,600.00	7,318.08	8,355.98	7,046.85	26.35	26.05	-53.07	50.44	-498.64	453.18	406.23	46.95	9.652	
8,700.00	7,317.49	8,455.97	7,045.78	27.56	27.29	-53.12	48.84	-598.61	454.57	405.54	49.02	9.273	
8,800.00	7,316.89	8,555.96	7,044.70	28.82	28.58	-53.18	47.24	-698.58	455.95	404.78	51.17	8.910	
8,900.00	7,316.29	8,655.95	7,043.62	30.12	29.90	-53.23	45.64	-798.55	457.34	403.94	53.40	8.565	
9,000.00	7,315.70	8,755.94	7,042.54	31.46	31.26	-53.29	44.04	-898.52	458.73	403.04	55.68	8.238	
9,100.00	7,315.10	8,855.93	7,041.46	32.82	32.65	-53.34	42.44	-998.49	460.12	402.09	58.03	7.929	
9,200.00	7,314.51	8,955.92	7,040.38	34.22	34.06	-53.39	40.84	-1,098.46	461.50	401.08	60.42	7.638	
9,300.00	7,313.91	9,055.91	7,039.30	35.64	35.50	-53.45	39.24	-1,198.44	462.89	400.03	62.86	7.364	
9,400.00	7,313.31	9,155.90	7,038.22	37.08	36.96	-53.50	37.63	-1,298.41	464.28	398.95	65.34	7.106	
9,500.00	7,312.72	9,255.89	7,037.15	38.53	38.43	-53.55	36.03	-1,398.38	465.67	397.82	67.85	6.863	
9,600.00	7,312.12	9,355.88	7,036.07	40.01	39.92	-53.61	34.43	-1,498.35	467.06	396.67	70.40	6.635	
9,700.00	7,311.53	9,455.87	7,034.99	41.50	41.42	-53.66	32.83	-1,598.32	468.45	395.48	72.97	6.420	
9,800.00	7,310.93	9,555.85	7,033.91	43.00	42.94	-53.71	31.23	-1,698.29	469.85	394.27	75.57	6.217	
9,900.00	7,310.33	9,655.84	7,032.83	44.52	44.47	-53.76	29.63	-1,798.26	471.24	393.04	78.20	6.026	
10,000.00	7,309.74	9,755.83	7,031.75	46.05	46.01	-53.81	28.03	-1,898.23	472.63	391.78	80.85	5.846	
10,100.00	7,309.14	9,855.82	7,030.67	47.58	47.55	-53.86	26.43	-1,998.20	474.02	390.51	83.51	5.676	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,200.00	7,308.55	9,955.81	7,029.59	49.13	49.11	-53.91	24.83	-2,098.17	475.41	389.22	86.20	5.515	
10,300.00	7,307.95	10,055.80	7,028.52	50.68	50.67	-53.96	23.23	-2,198.14	476.81	387.91	88.90	5.363	
10,400.00	7,307.35	10,155.79	7,027.44	52.24	52.24	-54.01	21.63	-2,298.11	478.20	386.58	91.62	5.220	
10,500.00	7,306.76	10,255.78	7,026.36	53.81	53.82	-54.06	20.02	-2,398.08	479.59	385.25	94.35	5.083	
10,600.00	7,306.16	10,355.77	7,025.28	55.39	55.40	-54.11	18.42	-2,498.06	480.99	383.90	97.09	4.954	
10,700.00	7,305.57	10,455.76	7,024.20	56.97	56.99	-54.16	16.82	-2,598.03	482.38	382.53	99.85	4.831	
10,800.00	7,304.97	10,555.75	7,023.12	58.55	58.58	-54.21	15.22	-2,698.00	483.78	381.16	102.62	4.714	
10,900.00	7,304.37	10,655.74	7,022.04	60.14	60.17	-54.26	13.62	-2,797.97	485.17	379.78	105.40	4.603	
11,000.00	7,303.78	10,755.73	7,020.97	61.74	61.77	-54.31	12.02	-2,897.94	486.57	378.38	108.19	4.498	
11,100.00	7,303.18	10,855.72	7,019.89	63.34	63.38	-54.35	10.42	-2,997.91	487.96	376.98	110.98	4.397	
11,200.00	7,302.59	10,955.71	7,018.81	64.94	64.98	-54.40	8.82	-3,097.88	489.36	375.57	113.79	4.300	
11,300.00	7,301.99	11,055.70	7,017.73	66.55	66.60	-54.45	7.22	-3,197.85	490.76	374.15	116.61	4.209	
11,400.00	7,301.39	11,155.69	7,016.65	68.16	68.21	-54.50	5.62	-3,297.82	492.15	372.72	119.43	4.121	
11,500.00	7,300.80	11,255.67	7,015.57	69.77	69.83	-54.54	4.02	-3,397.79	493.55	371.29	122.26	4.037	
11,600.00	7,300.20	11,355.66	7,014.49	71.38	71.44	-54.59	2.41	-3,497.76	494.95	369.85	125.10	3.956	
11,700.00	7,299.61	11,455.65	7,013.41	73.00	73.07	-54.64	0.81	-3,597.73	496.34	368.40	127.94	3.879	
11,800.00	7,299.01	11,555.64	7,012.34	74.62	74.69	-54.68	-0.79	-3,697.71	497.74	366.95	130.79	3.806	
11,900.00	7,298.41	11,655.63	7,011.26	76.25	76.32	-54.73	-2.39	-3,797.68	499.14	365.49	133.65	3.735	
12,000.00	7,297.82	11,755.62	7,010.18	77.87	77.94	-54.77	-3.99	-3,897.65	500.54	364.03	136.51	3.667	
12,100.00	7,297.22	11,855.61	7,009.10	79.50	79.57	-54.82	-5.59	-3,997.62	501.94	362.56	139.38	3.601	
12,200.00	7,296.63	11,955.60	7,008.02	81.13	81.20	-54.86	-7.19	-4,097.59	503.34	361.08	142.26	3.538	
12,300.00	7,296.03	12,055.59	7,006.94	82.76	82.84	-54.91	-8.79	-4,197.56	504.74	359.60	145.13	3.478	
12,400.00	7,295.43	12,155.58	7,005.86	84.39	84.47	-54.95	-10.39	-4,297.53	506.14	358.12	148.02	3.419	
12,500.00	7,294.84	12,255.57	7,004.78	86.03	86.11	-55.00	-11.99	-4,397.50	507.54	356.63	150.91	3.363	
12,600.00	7,294.24	12,355.56	7,003.71	87.66	87.75	-55.04	-13.60	-4,497.47	508.94	355.14	153.80	3.309	
12,700.00	7,293.65	12,455.55	7,002.63	89.30	89.39	-55.09	-15.20	-4,597.44	510.34	353.64	156.69	3.257	
12,800.00	7,293.05	12,555.54	7,001.55	90.94	91.03	-55.13	-16.80	-4,697.41	511.74	352.14	159.60	3.206	
12,900.00	7,292.45	12,655.53	7,000.47	92.58	92.67	-55.17	-18.40	-4,797.38	513.14	350.64	162.50	3.158	
13,000.00	7,291.86	12,755.52	6,999.39	94.22	94.31	-55.22	-20.00	-4,897.35	514.54	349.13	165.41	3.111	
13,100.00	7,291.26	12,855.51	6,998.31	95.86	95.95	-55.26	-21.60	-4,997.33	515.95	347.62	168.32	3.065	
13,200.00	7,290.67	12,955.50	6,997.23	97.50	97.60	-55.30	-23.20	-5,097.30	517.35	346.11	171.24	3.021	
13,300.00	7,290.07	13,055.48	6,996.16	99.15	99.24	-55.34	-24.80	-5,197.27	518.75	344.59	174.16	2.979	
13,400.00	7,289.47	13,155.47	6,995.08	100.80	100.89	-55.39	-26.40	-5,297.24	520.15	343.07	177.08	2.937	
13,500.00	7,288.88	13,255.46	6,994.00	102.44	102.54	-55.43	-28.00	-5,397.21	521.56	341.55	180.01	2.897	
13,600.00	7,288.28	13,355.45	6,992.92	104.09	104.18	-55.47	-29.60	-5,497.18	522.96	340.02	182.94	2.859	
13,700.00	7,287.69	13,455.44	6,991.84	105.74	105.83	-55.51	-31.21	-5,597.15	524.36	338.50	185.87	2.821	
13,800.00	7,287.09	13,555.43	6,990.76	107.39	107.48	-55.55	-32.81	-5,697.12	525.77	336.96	188.80	2.785	
13,900.00	7,286.49	13,655.42	6,989.68	109.04	109.13	-55.59	-34.41	-5,797.09	527.17	335.43	191.74	2.749	
14,000.00	7,285.90	13,755.41	6,988.60	110.69	110.78	-55.63	-36.01	-5,897.06	528.58	333.89	194.68	2.715	
14,100.00	7,285.30	13,855.40	6,987.53	112.34	112.44	-55.67	-37.61	-5,997.03	529.98	332.35	197.63	2.682	
14,200.00	7,284.71	13,955.39	6,986.45	113.99	114.09	-55.71	-39.21	-6,097.00	531.39	330.81	200.57	2.649	
14,300.00	7,284.11	14,055.38	6,985.37	115.64	115.74	-55.75	-40.81	-6,196.97	532.79	329.27	203.52	2.618	
14,400.00	7,283.51	14,155.37	6,984.29	117.30	117.40	-55.79	-42.41	-6,296.95	534.20	327.72	206.48	2.587	
14,500.00	7,282.92	14,255.36	6,983.21	118.95	119.05	-55.83	-44.01	-6,396.92	535.60	326.17	209.43	2.557	
14,600.00	7,282.32	14,355.35	6,982.13	120.61	120.70	-55.87	-45.61	-6,496.89	537.01	324.62	212.39	2.528	
14,700.00	7,281.73	14,455.34	6,981.05	122.26	122.36	-55.91	-47.21	-6,596.86	538.42	323.07	215.35	2.500	
14,800.00	7,281.13	14,555.33	6,979.97	123.92	124.01	-55.95	-48.82	-6,696.83	539.82	321.51	218.31	2.473	
14,900.00	7,280.53	14,655.32	6,978.90	125.57	125.67	-55.99	-50.42	-6,796.80	541.23	319.96	221.27	2.446	
15,000.00	7,279.94	14,755.30	6,977.82	127.23	127.33	-56.03	-52.02	-6,896.77	542.64	318.40	224.24	2.420	
15,100.00	7,279.34	14,855.29	6,976.74	128.89	128.98	-56.07	-53.62	-6,996.74	544.04	316.84	227.21	2.394	
15,200.00	7,278.75	14,955.28	6,975.66	130.54	130.64	-56.11	-55.22	-7,096.71	545.45	315.27	230.18	2.370	
15,257.27	7,278.40	15,012.55	6,975.04	131.49	131.59	-56.13	-56.14	-7,153.97	546.26	314.38	231.88	2.356	SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	176.03	-20.04	1.39	20.09				
100.00	100.00	100.00	100.00	3.28	3.28	176.03	-20.04	1.39	20.09	12.56	7.53	2.668	
200.00	200.00	200.00	200.00	3.31	3.31	176.03	-20.04	1.39	20.09	12.51	7.57	2.652	CC
200.00	200.00	200.00	200.00	3.31	3.31	176.03	-20.04	1.39	20.09	12.51	7.57	2.652	ES
300.00	300.00	300.03	300.03	3.35	3.35	107.33	-19.97	1.82	20.18	12.52	7.66	2.634	
400.00	399.93	400.09	400.02	3.41	3.41	106.91	-19.42	5.27	20.91	13.13	7.79	2.686	
500.00	499.68	500.13	499.81	3.50	3.50	106.16	-18.33	12.17	22.39	14.43	7.96	2.813	
600.00	599.13	600.15	599.28	3.62	3.61	105.19	-16.69	22.50	24.61	16.42	8.19	3.006	
700.00	698.15	700.15	698.30	3.76	3.76	104.14	-14.52	36.25	27.57	19.09	8.48	3.253	
800.00	796.80	800.09	796.92	3.93	3.93	103.55	-11.98	52.25	31.06	22.24	8.83	3.519	
900.00	895.43	900.03	895.53	4.14	4.14	103.16	-9.44	68.30	34.59	25.35	9.23	3.745	
1,000.00	994.06	1,000.03	994.13	4.36	4.36	102.85	-6.90	84.36	38.11	28.43	9.69	3.935	
1,100.00	1,092.69	1,100.10	1,092.74	4.61	4.61	102.58	-4.35	100.41	41.64	31.46	10.17	4.092	
1,200.00	1,191.33	1,200.16	1,191.35	4.87	4.87	102.36	-1.81	116.46	45.16	34.47	10.70	4.223	
1,300.00	1,289.96	1,300.22	1,289.96	5.14	5.14	102.17	0.73	132.52	48.69	37.44	11.24	4.330	
1,400.00	1,388.59	1,400.28	1,388.56	5.43	5.43	102.01	3.27	148.57	52.21	40.40	11.82	4.419	
1,500.00	1,487.22	1,500.34	1,487.17	5.73	5.73	101.87	5.82	164.62	55.74	43.33	12.41	4.492	
1,600.00	1,585.85	1,600.41	1,585.78	6.03	6.03	101.74	8.36	180.68	59.27	46.25	13.02	4.553	
1,700.00	1,684.48	1,700.47	1,684.38	6.34	6.35	101.63	10.90	196.73	62.80	49.16	13.64	4.604	
1,800.00	1,783.11	1,800.53	1,782.99	6.66	6.66	101.53	13.44	212.78	66.32	52.05	14.28	4.646	
1,900.00	1,881.75	1,900.59	1,881.60	6.84	6.84	101.44	15.99	228.84	69.85	55.61	14.24	4.905	
2,000.00	1,980.38	2,000.66	1,980.21	6.87	6.87	101.36	18.53	244.89	73.38	59.07	14.32	5.126	
2,100.00	2,079.01	2,100.72	2,078.81	6.93	6.93	101.29	21.07	260.94	76.91	62.49	14.42	5.333	
2,200.00	2,177.64	2,200.78	2,177.42	6.99	6.99	101.22	23.62	277.00	80.44	65.88	14.56	5.526	
2,300.00	2,276.27	2,300.84	2,276.03	7.08	7.08	101.16	26.16	293.05	83.97	69.24	14.72	5.703	
2,400.00	2,374.90	2,400.91	2,374.63	7.18	7.18	101.10	28.70	309.10	87.49	72.58	14.92	5.865	
2,500.00	2,473.53	2,500.97	2,473.24	7.29	7.29	101.05	31.24	325.16	91.02	75.88	15.14	6.012	
2,600.00	2,572.17	2,601.03	2,571.85	7.41	7.41	101.00	33.79	341.21	94.55	79.16	15.39	6.144	
2,700.00	2,670.80	2,701.09	2,670.46	7.55	7.55	100.96	36.33	357.27	98.08	82.42	15.66	6.262	
2,800.00	2,769.43	2,801.15	2,769.06	7.70	7.70	100.91	38.87	373.32	101.61	85.65	15.96	6.366	
2,900.00	2,868.06	2,901.22	2,867.67	7.86	7.86	100.88	41.41	389.37	105.14	88.86	16.28	6.458	
3,000.00	2,966.69	3,001.28	2,966.28	8.03	8.03	100.84	43.96	405.43	108.67	92.05	16.62	6.538	
3,100.00	3,065.32	3,101.34	3,064.88	8.21	8.21	100.80	46.50	421.48	112.20	95.21	16.98	6.607	
3,200.00	3,163.95	3,201.40	3,163.49	8.40	8.40	100.77	49.04	437.53	115.72	98.36	17.36	6.666	
3,300.00	3,262.59	3,301.47	3,262.10	8.60	8.60	100.74	51.58	453.59	119.25	101.50	17.76	6.715	
3,400.00	3,361.22	3,401.53	3,360.71	8.80	8.81	100.71	54.13	469.64	122.78	104.61	18.17	6.757	
3,500.00	3,459.85	3,501.59	3,459.31	9.02	9.02	100.69	56.67	485.69	126.31	107.71	18.60	6.791	
3,600.00	3,558.48	3,601.65	3,557.92	9.24	9.25	100.66	59.21	501.75	129.84	110.80	19.04	6.819	
3,700.00	3,657.11	3,701.72	3,656.53	9.46	9.47	100.64	61.75	517.80	133.37	113.88	19.49	6.841	
3,800.00	3,755.74	3,801.78	3,755.13	9.70	9.71	100.62	64.30	533.85	136.90	116.94	19.96	6.858	
3,900.00	3,854.37	3,901.84	3,853.74	9.94	9.95	100.59	66.84	549.91	140.43	119.99	20.44	6.871	
4,000.00	3,953.01	4,001.90	3,952.35	10.18	10.19	100.57	69.38	565.96	143.96	123.03	20.93	6.879	
4,100.00	4,051.64	4,101.96	4,050.95	10.43	10.44	100.55	71.92	582.01	147.49	126.06	21.43	6.884	
4,200.00	4,150.27	4,202.03	4,149.56	10.68	10.70	100.54	74.47	598.07	151.02	129.08	21.93	6.886	
4,300.00	4,248.90	4,302.09	4,248.17	10.94	10.96	100.52	77.01	614.12	154.55	132.10	22.45	6.885	
4,400.00	4,347.53	4,402.15	4,346.78	11.20	11.22	100.50	79.55	630.17	158.07	135.10	22.97	6.882	
4,500.00	4,446.16	4,497.79	4,445.38	11.47	11.47	100.48	82.10	646.23	161.60	138.11	23.49	6.880	
4,600.00	4,544.79	4,602.28	4,543.99	11.74	11.76	100.47	84.64	662.28	165.13	141.10	24.04	6.870	
4,700.00	4,643.43	4,702.34	4,642.60	12.01	12.03	100.45	87.18	678.33	168.66	144.08	24.58	6.861	
4,800.00	4,742.06	4,802.40	4,741.20	12.28	12.30	100.44	89.72	694.39	172.19	147.06	25.13	6.852	
4,900.00	4,840.69	4,902.46	4,839.81	12.56	12.58	100.43	92.27	710.44	175.72	150.04	25.69	6.841	
5,000.00	4,939.32	5,002.53	4,938.42	12.84	12.86	100.41	94.81	726.50	179.25	153.01	26.25	6.830	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,102.59	5,037.03	13.12	13.15	100.40	97.35	742.55	182.78	155.97	26.81	6.818	
5,200.00	5,136.58	5,202.65	5,135.63	13.41	13.43	100.39	99.89	758.60	186.31	158.93	27.38	6.805	
5,300.00	5,235.22	5,302.71	5,234.24	13.69	13.72	100.38	102.44	774.66	189.84	161.89	27.95	6.791	
5,400.00	5,333.85	5,402.77	5,332.85	13.98	14.01	100.36	104.98	790.71	193.37	164.84	28.53	6.778	
5,500.00	5,432.48	5,502.84	5,431.45	14.27	14.30	100.35	107.52	806.76	196.90	167.79	29.11	6.764	
5,600.00	5,531.11	5,602.90	5,530.06	14.57	14.60	100.34	110.06	822.82	200.43	170.73	29.70	6.749	
5,700.00	5,629.74	5,702.96	5,628.67	14.86	14.89	100.33	112.61	838.87	203.96	173.67	30.28	6.735	
5,800.00	5,728.37	5,803.02	5,727.28	15.16	15.19	100.32	115.15	854.92	207.49	176.61	30.88	6.720	
5,900.00	5,827.00	5,903.09	5,825.88	15.45	15.49	100.31	117.69	870.98	211.01	179.55	31.47	6.705	
6,000.00	5,925.64	6,003.15	5,924.49	15.75	15.79	100.30	120.23	887.03	214.54	182.48	32.07	6.691	
6,100.00	6,024.27	6,103.21	6,023.10	16.05	16.09	100.30	122.78	903.08	218.07	185.41	32.67	6.676	
6,200.00	6,122.90	6,203.27	6,121.70	16.35	16.39	100.29	125.32	919.14	221.60	188.34	33.27	6.661	
6,300.00	6,221.53	6,303.34	6,220.31	16.66	16.70	100.28	127.86	935.19	225.13	191.26	33.87	6.647	
6,400.00	6,320.16	6,403.40	6,318.92	16.96	17.00	100.27	130.41	951.24	228.66	194.18	34.48	6.632	
6,500.00	6,418.79	6,496.63	6,417.61	17.26	17.28	100.26	132.95	967.31	232.19	197.13	35.07	6.622	
6,600.00	6,517.42	6,603.22	6,523.74	17.57	17.49	102.44	135.70	975.36	234.21	198.62	35.60	6.580	
6,700.00	6,616.13	6,704.50	6,624.49	17.86	17.61	115.13	138.34	966.52	235.13	199.11	36.02	6.528	
6,800.00	6,715.79	6,800.61	6,717.66	18.05	17.66	-140.24	140.80	943.45	238.59	202.41	36.17	6.595	
6,900.00	6,814.75	6,893.05	6,803.04	18.17	17.68	-97.07	143.08	908.28	244.90	208.78	36.12	6.780	
7,000.00	6,910.58	6,982.39	6,879.87	18.23	17.66	-84.35	145.15	862.89	253.34	217.46	35.88	7.061	
7,100.00	7,000.92	7,069.11	6,947.67	18.24	17.65	-76.59	147.00	808.96	263.10	227.59	35.51	7.409	
7,200.00	7,083.54	7,153.65	7,006.13	18.23	17.66	-70.89	148.62	747.99	273.33	238.25	35.08	7.791	
7,300.00	7,156.41	7,236.42	7,055.05	18.22	17.70	-66.51	150.00	681.31	283.28	248.59	34.69	8.166	
7,400.00	7,217.74	7,317.76	7,094.31	18.25	17.79	-63.14	151.13	610.15	292.33	257.91	34.42	8.493	
7,500.00	7,266.01	7,397.98	7,123.83	18.35	17.94	-60.60	152.02	535.63	299.96	265.62	34.35	8.733	
7,600.00	7,300.04	7,477.36	7,143.61	18.55	18.16	-58.80	152.65	458.80	305.79	271.27	34.52	8.859	
7,700.00	7,318.98	7,556.16	7,153.64	18.85	18.44	-57.67	153.03	380.69	309.53	274.59	34.94	8.859	
7,800.00	7,322.85	7,643.24	7,154.67	19.26	18.84	-57.23	153.20	293.64	310.73	275.12	35.61	8.725	
7,900.00	7,322.26	7,743.24	7,153.84	19.79	19.40	-57.16	153.33	193.64	310.55	274.03	36.51	8.505	
8,000.00	7,321.66	7,843.24	7,153.02	20.45	20.08	-57.09	153.47	93.65	310.36	272.74	37.63	8.248	
8,100.00	7,321.06	7,943.24	7,152.19	21.22	20.87	-57.02	153.60	-6.35	310.18	271.25	38.94	7.966	
8,200.00	7,320.47	8,043.24	7,151.37	22.09	21.77	-56.94	153.74	-106.34	310.00	269.58	40.42	7.670	
8,300.00	7,319.87	8,143.24	7,150.55	23.05	22.75	-56.87	153.87	-206.34	309.82	267.76	42.06	7.366	
8,400.00	7,319.28	8,243.24	7,149.72	24.08	23.81	-56.80	154.01	-306.33	309.64	265.80	43.84	7.064	
8,500.00	7,318.68	8,343.24	7,148.90	25.18	24.93	-56.73	154.14	-406.33	309.46	263.73	45.73	6.767	
8,600.00	7,318.08	8,443.24	7,148.07	26.35	26.12	-56.65	154.28	-506.32	309.28	261.55	47.73	6.479	
8,700.00	7,317.49	8,543.24	7,147.25	27.56	27.36	-56.58	154.41	-606.32	309.10	259.27	49.83	6.203	
8,800.00	7,316.89	8,643.23	7,146.42	28.82	28.64	-56.51	154.55	-706.32	308.92	256.92	52.00	5.941	
8,900.00	7,316.29	8,743.23	7,145.60	30.12	29.96	-56.44	154.68	-806.31	308.75	254.50	54.25	5.692	
9,000.00	7,315.70	8,843.23	7,144.77	31.46	31.31	-56.36	154.82	-906.31	308.57	252.02	56.55	5.456	
9,100.00	7,315.10	8,943.23	7,143.95	32.82	32.70	-56.29	154.95	-1,006.30	308.39	249.48	58.91	5.235	
9,200.00	7,314.51	9,043.23	7,143.13	34.22	34.11	-56.22	155.09	-1,106.30	308.22	246.90	61.31	5.027	
9,300.00	7,313.91	9,143.23	7,142.30	35.64	35.54	-56.14	155.22	-1,206.29	308.04	244.28	63.76	4.831	
9,400.00	7,313.31	9,243.23	7,141.48	37.08	36.99	-56.07	155.36	-1,306.29	307.86	241.62	66.24	4.648	
9,500.00	7,312.72	9,343.23	7,140.65	38.53	38.47	-56.00	155.49	-1,406.28	307.69	238.94	68.75	4.475	
9,600.00	7,312.12	9,443.23	7,139.83	40.01	39.95	-55.92	155.63	-1,506.28	307.51	236.22	71.29	4.313	
9,700.00	7,311.53	9,543.23	7,139.00	41.50	41.46	-55.85	155.76	-1,606.28	307.34	233.48	73.86	4.161	
9,800.00	7,310.93	9,643.23	7,138.18	43.00	42.97	-55.78	155.90	-1,706.27	307.17	230.72	76.44	4.018	
9,900.00	7,310.33	9,743.22	7,137.35	44.52	44.50	-55.70	156.03	-1,806.27	306.99	227.95	79.05	3.884	
10,000.00	7,309.74	9,843.22	7,136.53	46.05	46.03	-55.63	156.17	-1,906.26	306.82	225.15	81.67	3.757	
10,100.00	7,309.14	9,943.22	7,135.71	47.58	47.58	-55.56	156.30	-2,006.26	306.65	222.34	84.31	3.637	
10,200.00	7,308.55	10,043.22	7,134.88	49.13	49.14	-55.48	156.44	-2,106.25	306.48	219.52	86.96	3.525	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,143.22	7,134.06	50.68	50.70	-55.41	156.57	-2,206.25	306.31	216.69	89.62	3.418	
10,400.00	7,307.35	10,243.22	7,133.23	52.24	52.27	-55.34	156.71	-2,306.25	306.14	213.85	92.29	3.317	
10,500.00	7,306.76	10,343.22	7,132.41	53.81	53.84	-55.26	156.84	-2,406.24	305.97	211.00	94.97	3.222	
10,600.00	7,306.16	10,443.22	7,131.58	55.39	55.42	-55.19	156.98	-2,506.24	305.80	208.14	97.66	3.131	
10,700.00	7,305.57	10,543.22	7,130.76	56.97	57.01	-55.11	157.11	-2,606.23	305.63	205.28	100.35	3.046	
10,800.00	7,304.97	10,643.22	7,129.93	58.55	58.60	-55.04	157.25	-2,706.23	305.46	202.41	103.06	2.964	
10,900.00	7,304.37	10,743.22	7,129.11	60.14	60.20	-54.96	157.38	-2,806.22	305.29	199.53	105.76	2.887	
11,000.00	7,303.78	10,843.21	7,128.29	61.74	61.80	-54.89	157.52	-2,906.22	305.13	196.65	108.47	2.813	
11,100.00	7,303.18	10,943.21	7,127.46	63.34	63.41	-54.82	157.65	-3,006.21	304.96	193.77	111.19	2.743	
11,200.00	7,302.59	11,043.21	7,126.64	64.94	65.01	-54.74	157.79	-3,106.21	304.79	190.88	113.91	2.676	
11,300.00	7,301.99	11,143.21	7,125.81	66.55	66.62	-54.67	157.93	-3,206.21	304.63	188.00	116.63	2.612	
11,400.00	7,301.39	11,243.21	7,124.99	68.16	68.24	-54.59	158.06	-3,306.20	304.46	185.11	119.36	2.551	
11,500.00	7,300.80	11,343.21	7,124.16	69.77	69.86	-54.52	158.20	-3,406.20	304.30	182.21	122.08	2.493	
11,600.00	7,300.20	11,443.21	7,123.34	71.38	71.48	-54.44	158.33	-3,506.19	304.13	179.32	124.81	2.437	
11,700.00	7,299.61	11,543.21	7,122.52	73.00	73.10	-54.37	158.47	-3,606.19	303.97	176.43	127.54	2.383	
11,800.00	7,299.01	11,643.21	7,121.69	74.62	74.72	-54.29	158.60	-3,706.18	303.81	173.53	130.27	2.332	
11,900.00	7,298.41	11,743.21	7,120.87	76.25	76.35	-54.22	158.74	-3,806.18	303.65	170.64	133.01	2.283	
12,000.00	7,297.82	11,843.21	7,120.04	77.87	77.98	-54.14	158.87	-3,906.17	303.48	167.74	135.74	2.236	
12,100.00	7,297.22	11,943.20	7,119.22	79.50	79.61	-54.07	159.01	-4,006.17	303.32	164.85	138.47	2.191	
12,200.00	7,296.63	12,043.20	7,118.39	81.13	81.24	-53.99	159.14	-4,106.17	303.16	161.96	141.20	2.147	
12,300.00	7,296.03	12,143.20	7,117.57	82.76	82.88	-53.92	159.28	-4,206.16	303.00	159.06	143.94	2.105	
12,400.00	7,295.43	12,243.20	7,116.74	84.39	84.51	-53.84	159.41	-4,306.16	302.84	156.17	146.67	2.065	
12,500.00	7,294.84	12,343.20	7,115.92	86.03	86.15	-53.76	159.55	-4,406.15	302.68	153.28	149.40	2.026	
12,600.00	7,294.24	12,443.20	7,115.10	87.66	87.79	-53.69	159.68	-4,506.15	302.52	150.39	152.13	1.989	
12,700.00	7,293.65	12,543.20	7,114.27	89.30	89.43	-53.61	159.82	-4,606.14	302.36	147.51	154.86	1.953	
12,800.00	7,293.05	12,643.20	7,113.45	90.94	91.07	-53.54	159.95	-4,706.14	302.21	144.62	157.58	1.918	
12,900.00	7,292.45	12,743.20	7,112.62	92.58	92.72	-53.46	160.09	-4,806.13	302.05	141.74	160.31	1.884	
13,000.00	7,291.86	12,843.20	7,111.80	94.22	94.36	-53.38	160.22	-4,906.13	301.89	138.86	163.03	1.852	
13,100.00	7,291.26	12,943.19	7,110.97	95.86	96.00	-53.31	160.36	-5,006.13	301.74	135.98	165.76	1.820	
13,200.00	7,290.67	13,043.19	7,110.15	97.50	97.65	-53.23	160.49	-5,106.12	301.58	133.10	168.48	1.790	
13,300.00	7,290.07	13,143.19	7,109.32	99.15	99.30	-53.16	160.63	-5,206.12	301.42	130.23	171.20	1.761	
13,400.00	7,289.47	13,243.19	7,108.50	100.80	100.95	-53.08	160.76	-5,306.11	301.27	127.35	173.92	1.732	
13,500.00	7,288.88	13,343.19	7,107.68	102.44	102.60	-53.00	160.90	-5,406.11	301.12	124.48	176.63	1.705	
13,600.00	7,288.28	13,443.19	7,106.85	104.09	104.24	-52.93	161.03	-5,506.10	300.96	121.62	179.34	1.678	
13,700.00	7,287.69	13,543.19	7,106.03	105.74	105.90	-52.85	161.17	-5,606.10	300.81	118.75	182.06	1.652	
13,800.00	7,287.09	13,643.19	7,105.20	107.39	107.55	-52.77	161.30	-5,706.10	300.66	115.89	184.76	1.627	
13,900.00	7,286.49	13,743.19	7,104.38	109.04	109.20	-52.70	161.44	-5,806.09	300.50	113.03	187.47	1.603	
14,000.00	7,285.90	13,843.19	7,103.55	110.69	110.85	-52.62	161.57	-5,906.09	300.35	110.18	190.17	1.579	
14,100.00	7,285.30	13,943.19	7,102.73	112.34	112.50	-52.54	161.71	-6,006.08	300.20	107.33	192.87	1.556	
14,200.00	7,284.71	14,043.18	7,101.90	113.99	114.16	-52.47	161.84	-6,106.08	300.05	104.48	195.57	1.534	
14,300.00	7,284.11	14,143.18	7,101.08	115.64	115.81	-52.39	161.98	-6,206.07	299.90	101.63	198.27	1.513	
14,400.00	7,283.51	14,243.18	7,100.26	117.30	117.47	-52.31	162.11	-6,306.07	299.75	98.79	200.96	1.492	Level 3
14,500.00	7,282.92	14,343.18	7,099.43	118.95	119.12	-52.23	162.25	-6,406.06	299.60	95.95	203.65	1.471	Level 3
14,600.00	7,282.32	14,443.18	7,098.61	120.61	120.78	-52.16	162.38	-6,506.06	299.46	93.12	206.34	1.451	Level 3
14,700.00	7,281.73	14,543.18	7,097.78	122.26	122.44	-52.08	162.52	-6,606.06	299.31	90.28	209.02	1.432	Level 3
14,800.00	7,281.13	14,643.18	7,096.96	123.92	124.10	-52.00	162.65	-6,706.05	299.16	87.46	211.71	1.413	Level 3
14,900.00	7,280.53	14,743.18	7,096.13	125.57	125.75	-51.92	162.79	-6,806.05	299.01	84.63	214.38	1.395	Level 3
15,000.00	7,279.94	14,843.18	7,095.31	127.23	127.41	-51.85	162.92	-6,906.04	298.87	81.81	217.06	1.377	Level 3
15,100.00	7,279.34	14,943.18	7,094.49	128.89	129.07	-51.77	163.06	-7,006.04	298.72	78.99	219.73	1.359	Level 3
15,200.00	7,278.75	15,043.18	7,093.66	130.54	130.73	-51.69	163.19	-7,106.03	298.58	76.18	222.40	1.343	Level 3
15,257.27	7,278.40	15,100.45	7,093.19	131.49	131.68	-51.65	163.27	-7,163.30	298.50	74.57	223.93	1.333	Level 3, SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1500-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	175.48	-119.49	9.45	119.87				
100.00	100.00	101.00	101.00	3.28	3.28	175.48	-119.49	9.45	119.87	112.34	7.53	15.921	
200.00	200.00	201.00	201.00	3.31	3.31	175.48	-119.49	9.45	119.87	112.29	7.57	15.826	CC
200.15	200.15	201.15	201.15	3.31	3.31	175.48	-119.49	9.45	119.87	112.29	7.57	15.825	ES
300.00	300.00	301.00	301.00	3.35	3.35	107.02	-119.49	9.45	119.99	112.33	7.66	15.658	
400.00	399.93	398.64	398.62	3.41	3.41	107.86	-120.34	10.92	122.01	114.22	7.79	15.670	
500.00	499.68	496.18	496.03	3.50	3.49	108.80	-122.85	15.27	127.01	119.06	7.95	15.981	
600.00	599.13	593.49	592.97	3.62	3.58	109.77	-127.00	22.46	134.99	126.83	8.16	16.549	
700.00	698.15	690.42	689.21	3.76	3.71	110.69	-132.77	32.46	145.95	137.53	8.42	17.331	
800.00	796.80	786.93	784.59	3.93	3.87	111.39	-140.13	45.20	159.51	150.77	8.74	18.243	
900.00	895.43	883.55	879.54	4.14	4.06	111.13	-149.08	60.70	174.73	165.61	9.12	19.161	
1,000.00	994.06	982.29	976.36	4.36	4.30	110.62	-158.75	77.45	190.49	180.93	9.55	19.938	
1,100.00	1,092.69	1,081.03	1,073.18	4.61	4.56	110.19	-168.43	94.21	206.26	196.23	10.03	20.563	
1,200.00	1,191.33	1,179.76	1,170.01	4.87	4.84	109.82	-178.10	110.96	222.04	211.50	10.54	21.061	
1,300.00	1,289.96	1,278.50	1,266.83	5.14	5.14	109.50	-187.77	127.72	237.83	226.75	11.08	21.456	
1,400.00	1,388.59	1,377.24	1,363.65	5.43	5.46	109.22	-197.45	144.47	253.63	241.98	11.65	21.767	
1,500.00	1,487.22	1,475.98	1,460.48	5.73	5.79	108.97	-207.12	161.23	269.43	257.19	12.24	22.010	
1,600.00	1,585.85	1,574.71	1,557.30	6.03	6.01	108.75	-216.79	177.98	285.24	272.50	12.74	22.392	
1,700.00	1,684.48	1,673.45	1,654.12	6.34	6.09	108.55	-226.47	194.74	301.05	287.94	13.11	22.958	
1,800.00	1,783.11	1,772.19	1,750.95	6.66	6.15	108.37	-236.14	211.49	316.86	303.39	13.48	23.514	
1,900.00	1,881.75	1,870.93	1,847.77	6.84	6.24	108.21	-245.81	228.25	332.68	319.34	13.34	24.942	
2,000.00	1,980.38	1,969.66	1,944.59	6.87	6.34	108.06	-255.49	245.00	348.50	335.04	13.46	25.884	
2,100.00	2,079.01	2,068.40	2,041.42	6.93	6.46	107.93	-265.16	261.76	364.32	350.70	13.62	26.743	
2,200.00	2,177.64	2,167.14	2,138.24	6.99	6.59	107.81	-274.83	278.51	380.14	366.33	13.81	27.518	
2,300.00	2,276.27	2,265.87	2,235.06	7.08	6.75	107.69	-284.51	295.27	395.97	381.93	14.04	28.210	
2,400.00	2,374.90	2,364.61	2,331.89	7.18	6.92	107.59	-294.18	312.02	411.79	397.50	14.29	28.822	
2,500.00	2,473.53	2,463.35	2,428.71	7.29	7.10	107.49	-303.86	328.78	427.62	413.05	14.57	29.357	
2,600.00	2,572.17	2,562.09	2,525.53	7.41	7.30	107.41	-313.53	345.53	443.45	428.58	14.87	29.821	
2,700.00	2,670.80	2,660.82	2,622.35	7.55	7.51	107.32	-323.20	362.29	459.28	444.08	15.20	30.217	
2,800.00	2,769.43	2,759.56	2,719.18	7.70	7.73	107.24	-332.88	379.04	475.11	459.55	15.55	30.552	
2,900.00	2,868.06	2,858.30	2,816.00	7.86	7.96	107.17	-342.55	395.80	490.94	475.01	15.92	30.832	
3,000.00	2,966.69	2,957.03	2,912.82	8.03	8.20	107.10	-352.22	412.55	506.77	490.45	16.32	31.061	
3,100.00	3,065.32	3,055.77	3,009.65	8.21	8.45	107.04	-361.90	429.31	522.60	505.87	16.73	31.245	
3,200.00	3,163.95	3,154.51	3,106.47	8.40	8.71	106.98	-371.57	446.06	538.43	521.28	17.15	31.390	
3,300.00	3,262.59	3,253.25	3,203.29	8.60	8.97	106.92	-381.24	462.82	554.26	536.67	17.60	31.500	
3,400.00	3,361.22	3,351.98	3,300.12	8.80	9.24	106.87	-390.92	479.57	570.10	552.04	18.05	31.579	
3,500.00	3,459.85	3,450.72	3,396.94	9.02	9.52	106.82	-400.59	496.33	585.93	567.41	18.52	31.632	
3,600.00	3,558.48	3,549.46	3,493.76	9.24	9.80	106.77	-410.26	513.08	601.77	582.76	19.01	31.661	
3,700.00	3,657.11	3,648.19	3,590.59	9.46	10.09	106.72	-419.94	529.84	617.60	598.10	19.50	31.671	
3,800.00	3,755.74	3,746.93	3,687.41	9.70	10.38	106.68	-429.61	546.59	633.43	613.43	20.01	31.663	
3,900.00	3,854.37	3,845.67	3,784.23	9.94	10.68	106.64	-439.29	563.35	649.27	628.75	20.52	31.641	
4,000.00	3,953.01	3,944.41	3,881.06	10.18	10.98	106.60	-448.96	580.11	665.11	644.06	21.04	31.606	
4,100.00	4,051.64	4,043.14	3,977.88	10.43	11.28	106.56	-458.63	596.86	680.94	659.37	21.58	31.560	
4,200.00	4,150.27	4,141.88	4,074.70	10.68	11.59	106.53	-468.31	613.62	696.78	674.66	22.12	31.506	
4,300.00	4,248.90	4,240.62	4,171.52	10.94	11.90	106.49	-477.98	630.37	712.61	689.95	22.66	31.445	
4,400.00	4,347.53	4,339.36	4,268.35	11.20	12.21	106.46	-487.65	647.13	728.45	705.24	23.22	31.377	
4,500.00	4,446.16	4,438.09	4,365.17	11.47	12.53	106.43	-497.33	663.88	744.29	720.51	23.78	31.304	
4,600.00	4,544.79	4,536.83	4,461.99	11.74	12.84	106.40	-507.00	680.64	760.13	735.78	24.34	31.228	
4,700.00	4,643.43	4,635.57	4,558.82	12.01	13.16	106.37	-516.67	697.39	775.96	751.05	24.91	31.148	
4,800.00	4,742.06	4,734.30	4,655.64	12.28	13.49	106.34	-526.35	714.15	791.80	766.31	25.49	31.065	
4,900.00	4,840.69	4,833.04	4,752.46	12.56	13.81	106.32	-536.02	730.90	807.64	781.57	26.07	30.981	
5,000.00	4,939.32	4,931.78	4,849.29	12.84	14.14	106.29	-545.69	747.66	823.48	796.82	26.65	30.895	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1500-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,030.52	4,946.11	13.12	14.47	106.27	-555.37	764.41	839.31	812.07	27.24	30.808	
5,200.00	5,136.58	5,129.25	5,042.93	13.41	14.79	106.24	-565.04	781.17	855.15	827.32	27.84	30.721	
5,300.00	5,235.22	5,227.99	5,139.76	13.69	15.13	106.22	-574.72	797.92	870.99	842.56	28.43	30.634	
5,400.00	5,333.85	5,326.73	5,236.58	13.98	15.46	106.20	-584.39	814.68	886.83	857.80	29.03	30.546	
5,500.00	5,432.48	5,425.46	5,333.40	14.27	15.79	106.18	-594.06	831.43	902.67	873.03	29.64	30.459	
5,600.00	5,531.11	5,524.20	5,430.23	14.57	16.13	106.16	-603.74	848.19	918.51	888.27	30.24	30.373	
5,700.00	5,629.74	5,622.94	5,527.05	14.86	16.46	106.14	-613.41	864.94	934.35	903.50	30.85	30.287	
5,800.00	5,728.37	5,721.68	5,623.87	15.16	16.80	106.12	-623.08	881.70	950.18	918.72	31.46	30.202	
5,900.00	5,827.00	5,820.41	5,720.69	15.45	17.14	106.10	-632.76	898.45	966.02	933.95	32.08	30.117	
6,000.00	5,925.64	5,919.15	5,817.52	15.75	17.48	106.08	-642.43	915.21	981.86	949.17	32.69	30.034	
6,100.00	6,024.27	6,017.89	5,914.34	16.05	17.82	106.06	-652.10	931.96	997.70	964.39	33.31	29.952	
6,200.00	6,122.90	6,116.62	6,011.16	16.35	18.16	106.05	-661.78	948.72	1,013.54	979.61	33.93	29.871	
6,300.00	6,221.53	6,215.36	6,107.99	16.66	18.50	106.03	-671.45	965.47	1,029.38	994.83	34.55	29.791	
6,400.00	6,320.16	6,314.10	6,204.81	16.96	18.84	106.01	-681.12	982.23	1,045.22	1,010.04	35.18	29.713	
6,500.00	6,418.79	6,412.84	6,301.63	17.26	19.18	106.00	-690.80	998.98	1,061.06	1,025.26	35.80	29.635	
6,600.00	6,517.42	6,511.57	6,398.46	17.57	19.53	105.98	-700.47	1,015.74	1,076.90	1,040.47	36.43	29.559	
6,700.00	6,616.13	6,610.29	6,495.26	17.86	19.87	113.13	-710.14	1,032.49	1,092.79	1,055.74	37.05	29.496	
6,800.00	6,715.79	6,708.16	6,591.24	18.05	20.21	-148.00	-719.73	1,049.10	1,109.71	1,072.19	37.53	29.570	
6,900.00	6,814.75	6,820.78	6,702.78	18.17	20.46	-110.60	-731.00	1,058.09	1,127.39	1,089.51	37.88	29.761	
7,000.00	6,910.58	6,938.00	6,818.62	18.23	20.60	-102.96	-742.96	1,046.35	1,144.80	1,106.72	38.08	30.060	
7,100.00	7,000.92	7,059.74	6,934.53	18.24	20.67	-99.49	-755.19	1,011.81	1,161.38	1,123.22	38.16	30.433	
7,200.00	7,083.54	7,185.57	7,045.16	18.23	20.66	-97.28	-767.18	953.52	1,176.58	1,138.42	38.15	30.837	
7,300.00	7,156.41	7,314.61	7,144.49	18.22	20.60	-95.58	-778.28	872.24	1,189.87	1,151.73	38.14	31.200	
7,400.00	7,217.74	7,445.60	7,226.55	18.25	20.53	-94.13	-787.87	770.90	1,200.83	1,162.62	38.21	31.430	
7,500.00	7,266.01	7,576.91	7,286.37	18.35	20.48	-92.82	-795.37	654.50	1,209.15	1,170.69	38.47	31.432	
7,600.00	7,300.04	7,706.87	7,320.97	18.55	20.50	-91.62	-800.40	529.57	1,214.67	1,175.69	38.97	31.166	
7,700.00	7,318.98	7,831.04	7,329.91	18.85	20.65	-90.57	-802.80	405.93	1,217.35	1,177.64	39.71	30.659	
7,800.00	7,322.85	7,930.85	7,329.05	19.26	20.92	-90.24	-803.91	306.14	1,218.47	1,177.93	40.54	30.057	
7,900.00	7,322.26	8,030.84	7,328.20	19.79	21.37	-90.23	-805.02	206.15	1,219.35	1,177.74	41.61	29.302	
8,000.00	7,321.66	8,130.84	7,327.34	20.45	21.97	-90.22	-806.14	106.17	1,220.24	1,177.31	42.93	28.427	
8,100.00	7,321.06	8,230.83	7,326.49	21.22	22.71	-90.20	-807.25	6.18	1,221.12	1,176.66	44.46	27.468	
8,200.00	7,320.47	8,330.83	7,325.63	22.09	23.57	-90.19	-808.36	-93.81	1,222.00	1,175.82	46.18	26.461	
8,300.00	7,319.87	8,430.83	7,324.78	23.05	24.52	-90.18	-809.48	-193.79	1,222.89	1,174.81	48.08	25.435	
8,400.00	7,319.28	8,530.82	7,323.92	24.08	25.54	-90.17	-810.59	-293.78	1,223.77	1,173.64	50.13	24.411	
8,500.00	7,318.68	8,630.82	7,323.07	25.18	26.64	-90.16	-811.71	-393.76	1,224.66	1,172.33	52.32	23.406	
8,600.00	7,318.08	8,730.81	7,322.21	26.35	27.79	-90.14	-812.82	-493.75	1,225.54	1,170.91	54.63	22.434	
8,700.00	7,317.49	8,830.81	7,321.36	27.56	29.00	-90.13	-813.94	-593.73	1,226.42	1,169.38	57.04	21.501	
8,800.00	7,316.89	8,930.80	7,320.50	28.82	30.25	-90.12	-815.05	-693.72	1,227.31	1,167.76	59.55	20.611	
8,900.00	7,316.29	9,030.80	7,319.65	30.12	31.54	-90.11	-816.16	-793.71	1,228.19	1,166.06	62.13	19.768	
9,000.00	7,315.70	9,130.80	7,318.79	31.46	32.86	-90.09	-817.28	-893.69	1,229.08	1,164.29	64.78	18.972	
9,100.00	7,315.10	9,230.79	7,317.94	32.82	34.22	-90.08	-818.39	-993.68	1,229.96	1,162.46	67.50	18.221	
9,200.00	7,314.51	9,330.79	7,317.08	34.22	35.60	-90.07	-819.51	-1,093.66	1,230.84	1,160.57	70.27	17.515	
9,300.00	7,313.91	9,430.78	7,316.23	35.64	37.01	-90.06	-820.62	-1,193.65	1,231.73	1,158.63	73.10	16.851	
9,400.00	7,313.31	9,530.78	7,315.37	37.08	38.43	-90.05	-821.73	-1,293.64	1,232.61	1,156.65	75.96	16.227	
9,500.00	7,312.72	9,630.77	7,314.52	38.53	39.88	-90.03	-822.85	-1,393.62	1,233.50	1,154.63	78.86	15.641	
9,600.00	7,312.12	9,730.77	7,313.66	40.01	41.34	-90.02	-823.96	-1,493.61	1,234.38	1,152.58	81.80	15.090	
9,700.00	7,311.53	9,830.77	7,312.81	41.50	42.82	-90.01	-825.08	-1,593.59	1,235.27	1,150.50	84.77	14.572	
9,800.00	7,310.93	9,930.76	7,311.95	43.00	44.31	-90.00	-826.19	-1,693.58	1,236.15	1,148.39	87.76	14.085	
9,900.00	7,310.33	10,030.76	7,311.10	44.52	45.81	-89.99	-827.31	-1,793.57	1,237.03	1,146.25	90.78	13.626	
10,000.00	7,309.74	10,130.75	7,310.24	46.05	47.33	-89.97	-828.42	-1,893.55	1,237.92	1,144.09	93.83	13.194	
10,100.00	7,309.14	10,230.75	7,309.39	47.58	48.85	-89.96	-829.53	-1,993.54	1,238.80	1,141.92	96.89	12.786	
10,200.00	7,308.55	10,330.74	7,308.53	49.13	50.39	-89.95	-830.65	-2,093.52	1,239.69	1,139.72	99.97	12.401	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1500-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,430.74	7,307.68	50.68	51.93	-89.94	-831.76	-2,193.51	1,240.57	1,137.50	103.07	12.036	
10,400.00	7,307.35	10,530.74	7,306.82	52.24	53.48	-89.93	-832.88	-2,293.50	1,241.46	1,135.28	106.18	11.692	
10,500.00	7,306.76	10,630.73	7,305.97	53.81	55.04	-89.91	-833.99	-2,393.48	1,242.34	1,133.03	109.31	11.365	
10,600.00	7,306.16	10,730.73	7,305.11	55.39	56.61	-89.90	-835.10	-2,493.47	1,243.23	1,130.78	112.45	11.056	
10,700.00	7,305.57	10,830.72	7,304.26	56.97	58.18	-89.89	-836.22	-2,593.45	1,244.11	1,128.51	115.60	10.762	
10,800.00	7,304.97	10,930.72	7,303.40	58.55	59.75	-89.88	-837.33	-2,693.44	1,245.00	1,126.23	118.76	10.483	
10,900.00	7,304.37	11,030.71	7,302.55	60.14	61.33	-89.87	-838.45	-2,793.42	1,245.88	1,123.95	121.94	10.217	
11,000.00	7,303.78	11,130.71	7,301.69	61.74	62.92	-89.86	-839.56	-2,893.41	1,246.77	1,121.65	125.12	9.965	
11,100.00	7,303.18	11,230.71	7,300.84	63.34	64.51	-89.84	-840.67	-2,993.40	1,247.65	1,119.34	128.31	9.724	
11,200.00	7,302.59	11,330.70	7,299.98	64.94	66.10	-89.83	-841.79	-3,093.38	1,248.54	1,117.03	131.51	9.494	
11,300.00	7,301.99	11,430.70	7,299.13	66.55	67.70	-89.82	-842.90	-3,193.37	1,249.42	1,114.71	134.71	9.275	
11,400.00	7,301.39	11,530.69	7,298.27	68.16	69.31	-89.81	-844.02	-3,293.35	1,250.31	1,112.38	137.93	9.065	
11,500.00	7,300.80	11,630.69	7,297.42	69.77	70.91	-89.80	-845.13	-3,393.34	1,251.20	1,110.05	141.14	8.865	
11,600.00	7,300.20	11,730.69	7,296.56	71.38	72.52	-89.78	-846.25	-3,493.33	1,252.08	1,107.71	144.37	8.673	
11,700.00	7,299.61	11,830.68	7,295.71	73.00	74.13	-89.77	-847.36	-3,593.31	1,252.97	1,105.37	147.60	8.489	
11,800.00	7,299.01	11,930.68	7,294.85	74.62	75.74	-89.76	-848.47	-3,693.30	1,253.85	1,103.02	150.83	8.313	
11,900.00	7,298.41	12,030.67	7,294.00	76.25	77.36	-89.75	-849.59	-3,793.28	1,254.74	1,100.66	154.08	8.144	
12,000.00	7,297.82	12,130.67	7,293.14	77.87	78.98	-89.74	-850.70	-3,893.27	1,255.62	1,098.30	157.32	7.981	
12,100.00	7,297.22	12,230.66	7,292.29	79.50	80.60	-89.73	-851.82	-3,993.26	1,256.51	1,095.94	160.57	7.825	
12,200.00	7,296.63	12,330.66	7,291.43	81.13	82.22	-89.71	-852.93	-4,093.24	1,257.39	1,093.57	163.82	7.675	
12,300.00	7,296.03	12,430.66	7,290.58	82.76	83.85	-89.70	-854.04	-4,193.23	1,258.28	1,091.20	167.08	7.531	
12,400.00	7,295.43	12,530.65	7,289.72	84.39	85.47	-89.69	-855.16	-4,293.21	1,259.17	1,088.83	170.34	7.392	
12,500.00	7,294.84	12,630.65	7,288.87	86.03	87.10	-89.68	-856.27	-4,393.20	1,260.05	1,086.45	173.60	7.258	
12,600.00	7,294.24	12,730.64	7,288.01	87.66	88.73	-89.67	-857.39	-4,493.18	1,260.94	1,084.07	176.87	7.129	
12,700.00	7,293.65	12,830.64	7,287.16	89.30	90.36	-89.66	-858.50	-4,593.17	1,261.82	1,081.69	180.14	7.005	
12,800.00	7,293.05	12,930.63	7,286.30	90.94	92.00	-89.65	-859.61	-4,693.16	1,262.71	1,079.30	183.41	6.885	
12,900.00	7,292.45	13,030.63	7,285.45	92.58	93.63	-89.63	-860.73	-4,793.14	1,263.60	1,076.91	186.69	6.769	
13,000.00	7,291.86	13,130.63	7,284.59	94.22	95.27	-89.62	-861.84	-4,893.13	1,264.48	1,074.52	189.96	6.656	
13,100.00	7,291.26	13,230.62	7,283.74	95.86	96.91	-89.61	-862.96	-4,993.11	1,265.37	1,072.12	193.24	6.548	
13,200.00	7,290.67	13,330.62	7,282.88	97.50	98.54	-89.60	-864.07	-5,093.10	1,266.26	1,069.73	196.53	6.443	
13,300.00	7,290.07	13,430.61	7,282.03	99.15	100.18	-89.59	-865.19	-5,193.09	1,267.14	1,067.33	199.81	6.342	
13,400.00	7,289.47	13,530.61	7,281.17	100.80	101.83	-89.58	-866.30	-5,293.07	1,268.03	1,064.93	203.10	6.243	
13,500.00	7,288.88	13,630.60	7,280.32	102.44	103.47	-89.57	-867.41	-5,393.06	1,268.92	1,062.53	206.39	6.148	
13,600.00	7,288.28	13,730.60	7,279.46	104.09	105.11	-89.55	-868.53	-5,493.04	1,269.80	1,060.12	209.68	6.056	
13,700.00	7,287.69	13,830.60	7,278.61	105.74	106.75	-89.54	-869.64	-5,593.03	1,270.69	1,057.72	212.97	5.967	
13,800.00	7,287.09	13,930.59	7,277.75	107.39	108.40	-89.53	-870.76	-5,693.02	1,271.57	1,055.31	216.26	5.880	
13,900.00	7,286.49	14,030.59	7,276.90	109.04	110.04	-89.52	-871.87	-5,793.00	1,272.46	1,052.90	219.56	5.796	
14,000.00	7,285.90	14,130.58	7,276.04	110.69	111.69	-89.51	-872.98	-5,892.99	1,273.35	1,050.49	222.86	5.714	
14,100.00	7,285.30	14,230.58	7,275.19	112.34	113.34	-89.50	-874.10	-5,992.97	1,274.23	1,048.08	226.16	5.634	
14,200.00	7,284.71	14,330.57	7,274.33	113.99	114.99	-89.49	-875.21	-6,092.96	1,275.12	1,045.67	229.46	5.557	
14,300.00	7,284.11	14,430.57	7,273.48	115.64	116.63	-89.47	-876.33	-6,192.94	1,276.01	1,043.25	232.76	5.482	
14,400.00	7,283.51	14,530.57	7,272.62	117.30	118.28	-89.46	-877.44	-6,292.93	1,276.90	1,040.84	236.06	5.409	
14,500.00	7,282.92	14,630.56	7,271.77	118.95	119.93	-89.45	-878.55	-6,392.92	1,277.78	1,038.42	239.36	5.338	
14,600.00	7,282.32	14,730.56	7,270.91	120.61	121.58	-89.44	-879.67	-6,492.90	1,278.67	1,036.00	242.67	5.269	
14,700.00	7,281.73	14,830.55	7,270.06	122.26	123.24	-89.43	-880.78	-6,592.89	1,279.56	1,033.58	245.97	5.202	
14,800.00	7,281.13	14,930.55	7,269.20	123.92	124.89	-89.42	-881.90	-6,692.87	1,280.44	1,031.16	249.28	5.137	
14,900.00	7,280.53	15,030.54	7,268.35	125.57	126.54	-89.41	-883.01	-6,792.86	1,281.33	1,028.74	252.59	5.073	
15,000.00	7,279.94	15,130.54	7,267.49	127.23	128.19	-89.40	-884.13	-6,892.85	1,282.22	1,026.32	255.90	5.011	
15,100.00	7,279.34	15,230.54	7,266.64	128.89	129.85	-89.38	-885.24	-6,992.83	1,283.11	1,023.90	259.21	4.950	
15,200.00	7,278.75	15,330.53	7,265.78	130.54	131.50	-89.37	-886.35	-7,092.82	1,283.99	1,021.47	262.52	4.891	
15,257.27	7,278.40	15,387.80	7,265.29	131.49	132.45	-89.37	-886.99	-7,150.08	1,284.50	1,020.08	264.42	4.858	SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1 — **Offset Site Error:** 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	2.00	2.00	3.28	3.28	175.44	-139.53	11.12	139.97				
100.00	100.00	102.00	102.00	3.28	3.28	175.44	-139.53	11.12	139.97	132.44	7.53	18.591	
200.00	200.00	202.00	202.00	3.31	3.31	175.44	-139.53	11.12	139.97	132.40	7.57	18.479	CC
201.50	201.50	203.50	203.50	3.31	3.31	106.79	-139.53	11.12	139.97	132.40	7.58	18.477	ES
300.00	300.00	301.39	301.39	3.35	3.35	106.93	-139.57	11.19	140.15	132.48	7.66	18.290	
400.00	399.93	398.60	398.56	3.41	3.41	107.41	-140.79	13.23	142.58	134.80	7.78	18.325	
500.00	499.68	495.65	495.44	3.50	3.48	108.01	-143.70	18.08	148.01	140.07	7.94	18.632	
600.00	599.13	592.41	591.80	3.62	3.59	108.68	-148.28	25.72	156.44	148.29	8.16	19.183	
700.00	698.15	688.77	687.39	3.76	3.71	109.37	-154.50	36.09	167.86	159.44	8.42	19.932	
800.00	796.80	784.67	782.06	3.93	3.88	109.94	-162.33	49.14	181.91	173.17	8.75	20.799	
900.00	895.43	880.08	875.70	4.14	4.08	109.71	-171.73	64.82	197.74	188.62	9.12	21.682	
1,000.00	994.06	978.65	972.12	4.36	4.32	109.13	-182.27	82.40	214.46	204.89	9.56	22.430	
1,100.00	1,092.69	1,077.22	1,068.54	4.61	4.59	108.63	-192.81	99.98	231.18	221.14	10.04	23.017	
1,200.00	1,191.33	1,175.79	1,164.95	4.87	4.89	108.20	-203.35	117.55	247.93	237.37	10.56	23.470	
1,300.00	1,289.96	1,274.37	1,261.37	5.14	5.21	107.83	-213.89	135.13	264.68	253.57	11.11	23.818	
1,400.00	1,388.59	1,372.94	1,357.79	5.43	5.54	107.50	-224.43	152.70	281.45	269.76	11.69	24.080	
1,500.00	1,487.22	1,471.51	1,454.21	5.73	5.89	107.20	-234.97	170.28	298.22	285.94	12.28	24.277	
1,600.00	1,585.85	1,570.08	1,550.63	6.03	6.24	106.94	-245.51	187.86	315.00	302.10	12.90	24.420	
1,700.00	1,684.48	1,668.66	1,647.05	6.34	6.61	106.71	-256.05	205.43	331.79	318.26	13.53	24.522	
1,800.00	1,783.11	1,767.23	1,743.46	6.66	6.98	106.49	-266.59	223.01	348.58	334.41	14.17	24.593	
1,900.00	1,881.75	1,865.80	1,839.88	6.84	7.25	106.30	-277.13	240.59	365.38	351.18	14.20	25.734	
2,000.00	1,980.38	1,964.37	1,936.30	6.87	7.35	106.13	-287.67	258.16	382.17	367.85	14.32	26.685	
2,100.00	2,079.01	2,062.95	2,032.72	6.93	7.41	105.96	-298.21	275.74	398.98	384.56	14.42	27.666	
2,200.00	2,177.64	2,161.52	2,129.14	6.99	7.49	105.82	-308.75	293.32	415.78	401.23	14.55	28.570	
2,300.00	2,276.27	2,260.09	2,225.56	7.08	7.58	105.68	-319.29	310.89	432.59	417.87	14.72	29.396	
2,400.00	2,374.90	2,358.66	2,321.97	7.18	7.70	105.55	-329.83	328.47	449.40	434.49	14.91	30.142	
2,500.00	2,473.53	2,457.24	2,418.39	7.29	7.82	105.44	-340.37	346.04	466.21	451.08	15.13	30.811	
2,600.00	2,572.17	2,555.81	2,514.81	7.41	7.97	105.33	-350.91	363.62	483.02	467.64	15.38	31.403	
2,700.00	2,670.80	2,654.38	2,611.23	7.55	8.12	105.22	-361.45	381.20	499.84	484.18	15.66	31.923	
2,800.00	2,769.43	2,752.95	2,707.65	7.70	8.29	105.13	-371.99	398.77	516.65	500.70	15.96	32.375	
2,900.00	2,868.06	2,851.53	2,804.07	7.86	8.48	105.04	-382.53	416.35	533.47	517.19	16.28	32.763	
3,000.00	2,966.69	2,950.10	2,900.48	8.03	8.67	104.96	-393.07	433.93	550.29	533.66	16.63	33.092	
3,100.00	3,065.32	3,048.67	2,996.90	8.21	8.88	104.88	-403.61	451.50	567.11	550.12	17.00	33.367	
3,200.00	3,163.95	3,147.24	3,093.32	8.40	9.10	104.80	-414.15	469.08	583.93	566.55	17.38	33.594	
3,300.00	3,262.59	3,245.82	3,189.74	8.60	9.33	104.73	-424.69	486.65	600.75	582.97	17.79	33.777	
3,400.00	3,361.22	3,344.39	3,286.16	8.80	9.56	104.67	-435.23	504.23	617.58	599.37	18.21	33.920	
3,500.00	3,459.85	3,442.96	3,382.58	9.02	9.81	104.60	-445.77	521.81	634.40	615.76	18.64	34.029	
3,600.00	3,558.48	3,541.53	3,478.99	9.24	10.06	104.54	-456.31	539.38	651.22	632.13	19.09	34.107	
3,700.00	3,657.11	3,640.10	3,575.41	9.46	10.32	104.49	-466.85	556.96	668.05	648.49	19.56	34.158	
3,800.00	3,755.74	3,738.68	3,671.83	9.70	10.58	104.43	-477.39	574.54	684.87	664.84	20.03	34.185	
3,900.00	3,854.37	3,837.25	3,768.25	9.94	10.86	104.38	-487.93	592.11	701.70	681.18	20.52	34.192	
4,000.00	3,953.01	3,935.82	3,864.67	10.18	11.13	104.33	-498.47	609.69	718.53	697.51	21.02	34.181	
4,100.00	4,051.64	4,034.39	3,961.09	10.43	11.42	104.29	-509.01	627.26	735.35	713.82	21.53	34.155	
4,200.00	4,150.27	4,132.97	4,057.50	10.68	11.71	104.24	-519.55	644.84	752.18	730.13	22.05	34.116	
4,300.00	4,248.90	4,231.54	4,153.92	10.94	12.00	104.20	-530.09	662.42	769.01	746.43	22.57	34.066	
4,400.00	4,347.53	4,330.11	4,250.34	11.20	12.30	104.16	-540.63	679.99	785.84	762.73	23.11	34.006	
4,500.00	4,446.16	4,428.68	4,346.76	11.47	12.60	104.12	-551.17	697.57	802.67	779.01	23.65	33.939	
4,600.00	4,544.79	4,527.26	4,443.18	11.74	12.90	104.08	-561.71	715.15	819.49	795.29	24.20	33.864	
4,700.00	4,643.43	4,625.83	4,539.60	12.01	13.21	104.05	-572.25	732.72	836.32	811.57	24.75	33.785	
4,800.00	4,742.06	4,724.40	4,636.01	12.28	13.52	104.01	-582.79	750.30	853.15	827.84	25.32	33.700	
4,900.00	4,840.69	4,822.97	4,732.43	12.56	13.83	103.98	-593.34	767.88	869.98	844.10	25.88	33.612	
5,000.00	4,939.32	4,921.55	4,828.85	12.84	14.15	103.95	-603.88	785.45	886.81	860.36	26.46	33.521	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,020.12	4,925.27	13.12	14.47	103.92	-614.42	803.03	903.64	876.61	27.03	33.428	
5,200.00	5,136.58	5,118.69	5,021.69	13.41	14.79	103.89	-624.96	820.60	920.47	892.86	27.61	33.333	
5,300.00	5,235.22	5,217.26	5,118.11	13.69	15.12	103.86	-635.50	838.18	937.30	909.10	28.20	33.237	
5,400.00	5,333.85	5,315.84	5,214.52	13.98	15.44	103.83	-646.04	855.76	954.14	925.34	28.79	33.141	
5,500.00	5,432.48	5,414.41	5,310.94	14.27	15.77	103.81	-656.58	873.33	970.97	941.58	29.38	33.044	
5,600.00	5,531.11	5,512.98	5,407.36	14.57	16.10	103.78	-667.12	890.91	987.80	957.82	29.98	32.946	
5,700.00	5,629.74	5,611.55	5,503.78	14.86	16.43	103.75	-677.66	908.49	1,004.63	974.05	30.58	32.849	
5,800.00	5,728.37	5,710.12	5,600.20	15.16	16.76	103.73	-688.20	926.06	1,021.46	990.27	31.19	32.753	
5,900.00	5,827.00	5,808.70	5,696.62	15.45	17.10	103.71	-698.74	943.64	1,038.29	1,006.50	31.79	32.657	
6,000.00	5,925.64	5,907.27	5,793.03	15.75	17.44	103.69	-709.28	961.21	1,055.13	1,022.72	32.40	32.562	
6,100.00	6,024.27	6,005.84	5,889.45	16.05	17.77	103.66	-719.82	978.79	1,071.96	1,038.94	33.02	32.467	
6,200.00	6,122.90	6,104.41	5,985.87	16.35	18.11	103.64	-730.36	996.37	1,088.79	1,055.16	33.63	32.374	
6,300.00	6,221.53	6,202.99	6,082.29	16.66	18.45	103.62	-740.90	1,013.94	1,105.62	1,071.37	34.25	32.282	
6,400.00	6,320.16	6,301.56	6,178.71	16.96	18.80	103.60	-751.44	1,031.52	1,122.46	1,087.59	34.87	32.190	
6,500.00	6,418.79	6,400.13	6,275.13	17.26	19.14	103.58	-761.98	1,049.10	1,139.29	1,103.80	35.49	32.101	
6,600.00	6,517.42	6,515.93	6,389.34	17.57	19.42	103.94	-774.55	1,062.24	1,155.51	1,119.40	36.11	31.997	
6,700.00	6,616.13	6,630.05	6,502.36	17.86	19.57	112.40	-787.25	1,054.89	1,170.36	1,133.73	36.63	31.950	
6,800.00	6,715.79	6,737.53	6,605.99	18.05	19.64	-146.77	-799.12	1,029.52	1,185.63	1,148.69	36.94	32.094	
6,900.00	6,814.75	6,839.88	6,699.40	18.17	19.65	-107.01	-810.03	989.38	1,201.57	1,164.46	37.11	32.378	
7,000.00	6,910.58	6,937.82	6,781.68	18.23	19.62	-97.18	-819.84	937.35	1,217.78	1,180.61	37.17	32.761	
7,100.00	7,000.92	7,032.02	6,852.42	18.24	19.57	-91.74	-828.48	875.90	1,233.80	1,196.63	37.17	33.194	
7,200.00	7,083.54	7,123.05	6,911.51	18.23	19.52	-87.83	-835.91	807.14	1,249.14	1,211.99	37.15	33.623	
7,300.00	7,156.41	7,211.45	6,958.98	18.22	19.47	-84.75	-842.10	732.92	1,263.35	1,226.18	37.17	33.989	
7,400.00	7,217.74	7,297.64	6,995.00	18.25	19.45	-82.26	-847.07	654.84	1,275.98	1,238.71	37.27	34.232	
7,500.00	7,266.01	7,382.00	7,019.78	18.35	19.46	-80.25	-850.82	574.36	1,286.63	1,249.12	37.51	34.298	
7,600.00	7,300.04	7,464.83	7,033.62	18.55	19.53	-78.70	-853.36	492.79	1,294.96	1,257.05	37.91	34.163	
7,700.00	7,318.98	7,548.32	7,036.89	18.85	19.66	-77.57	-854.74	409.43	1,300.69	1,262.22	38.47	33.808	
7,800.00	7,322.85	7,648.12	7,035.84	19.26	19.97	-77.18	-855.84	309.64	1,302.89	1,263.54	39.35	33.114	
7,900.00	7,322.26	7,748.12	7,034.78	19.79	20.46	-77.17	-856.94	209.66	1,303.84	1,263.38	40.46	32.224	
8,000.00	7,321.66	7,848.11	7,033.73	20.45	21.12	-77.16	-858.04	109.68	1,304.79	1,262.98	41.81	31.208	
8,100.00	7,321.06	7,948.11	7,032.67	21.22	21.91	-77.15	-859.14	9.69	1,305.74	1,262.37	43.37	30.108	
8,200.00	7,320.47	8,048.10	7,031.62	22.09	22.82	-77.14	-860.24	-90.29	1,306.69	1,261.58	45.11	28.964	
8,300.00	7,319.87	8,148.10	7,030.56	23.05	23.82	-77.12	-861.34	-190.27	1,307.64	1,260.62	47.03	27.807	
8,400.00	7,319.28	8,248.09	7,029.51	24.08	24.89	-77.11	-862.44	-290.26	1,308.60	1,259.51	49.09	26.659	
8,500.00	7,318.68	8,348.09	7,028.45	25.18	26.03	-77.10	-863.54	-390.24	1,309.55	1,258.27	51.28	25.539	
8,600.00	7,318.08	8,448.08	7,027.40	26.35	27.23	-77.09	-864.64	-490.22	1,310.50	1,256.92	53.58	24.460	
8,700.00	7,317.49	8,548.08	7,026.34	27.56	28.48	-77.08	-865.75	-590.21	1,311.45	1,255.47	55.98	23.427	
8,800.00	7,316.89	8,648.07	7,025.29	28.82	29.76	-77.07	-866.85	-690.19	1,312.40	1,253.94	58.47	22.447	
8,900.00	7,316.29	8,748.07	7,024.23	30.12	31.09	-77.06	-867.95	-790.17	1,313.36	1,252.32	61.03	21.519	
9,000.00	7,315.70	8,848.06	7,023.18	31.46	32.45	-77.05	-869.05	-890.16	1,314.31	1,250.65	63.66	20.645	
9,100.00	7,315.10	8,948.06	7,022.12	32.82	33.83	-77.04	-870.15	-990.14	1,315.26	1,248.91	66.35	19.823	
9,200.00	7,314.51	9,048.05	7,021.07	34.22	35.24	-77.02	-871.25	-1,090.13	1,316.21	1,247.12	69.09	19.051	
9,300.00	7,313.91	9,148.05	7,020.01	35.64	36.67	-77.01	-872.35	-1,190.11	1,317.16	1,245.29	71.88	18.326	
9,400.00	7,313.31	9,248.04	7,018.96	37.08	38.12	-77.00	-873.45	-1,290.09	1,318.12	1,243.41	74.70	17.645	
9,500.00	7,312.72	9,348.04	7,017.90	38.53	39.59	-76.99	-874.55	-1,390.08	1,319.07	1,241.50	77.56	17.006	
9,600.00	7,312.12	9,448.03	7,016.85	40.01	41.07	-76.98	-875.65	-1,490.06	1,320.02	1,239.56	80.46	16.406	
9,700.00	7,311.53	9,548.03	7,015.79	41.50	42.57	-76.97	-876.76	-1,590.04	1,320.97	1,237.59	83.38	15.843	
9,800.00	7,310.93	9,648.02	7,014.74	43.00	44.08	-76.96	-877.86	-1,690.03	1,321.93	1,235.60	86.33	15.313	
9,900.00	7,310.33	9,748.02	7,013.68	44.52	45.60	-76.95	-878.96	-1,790.01	1,322.88	1,233.58	89.30	14.814	
10,000.00	7,309.74	9,848.01	7,012.63	46.05	47.14	-76.94	-880.06	-1,889.99	1,323.83	1,231.54	92.29	14.344	
10,100.00	7,309.14	9,948.01	7,011.58	47.58	48.68	-76.93	-881.16	-1,989.98	1,324.78	1,229.48	95.30	13.901	
10,200.00	7,308.55	10,048.00	7,010.52	49.13	50.23	-76.92	-882.26	-2,089.96	1,325.74	1,227.40	98.33	13.482	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,148.00	7,009.47	50.68	51.78	-76.91	-883.36	-2,189.94	1,326.69	1,225.31	101.38	13.087	
10,400.00	7,307.35	10,247.99	7,008.41	52.24	53.35	-76.89	-884.46	-2,289.93	1,327.64	1,223.21	104.43	12.713	
10,500.00	7,306.76	10,347.99	7,007.36	53.81	54.92	-76.88	-885.56	-2,389.91	1,328.60	1,221.09	107.50	12.359	
10,600.00	7,306.16	10,447.98	7,006.30	55.39	56.49	-76.87	-886.66	-2,489.89	1,329.55	1,218.96	110.59	12.023	
10,700.00	7,305.57	10,547.98	7,005.25	56.97	58.07	-76.86	-887.77	-2,589.88	1,330.50	1,216.82	113.68	11.704	
10,800.00	7,304.97	10,647.97	7,004.19	58.55	59.66	-76.85	-888.87	-2,689.86	1,331.45	1,214.67	116.78	11.401	
10,900.00	7,304.37	10,747.97	7,003.14	60.14	61.25	-76.84	-889.97	-2,789.85	1,332.41	1,212.51	119.89	11.113	
11,000.00	7,303.78	10,847.97	7,002.08	61.74	62.85	-76.83	-891.07	-2,889.83	1,333.36	1,210.34	123.02	10.839	
11,100.00	7,303.18	10,947.96	7,001.03	63.34	64.45	-76.82	-892.17	-2,989.81	1,334.31	1,208.17	126.14	10.578	
11,200.00	7,302.59	11,047.96	6,999.97	64.94	66.05	-76.81	-893.27	-3,089.80	1,335.27	1,205.99	129.28	10.329	
11,300.00	7,301.99	11,147.95	6,998.92	66.55	67.66	-76.80	-894.37	-3,189.78	1,336.22	1,203.80	132.42	10.091	
11,400.00	7,301.39	11,247.95	6,997.86	68.16	69.27	-76.79	-895.47	-3,289.76	1,337.17	1,201.60	135.57	9.863	
11,500.00	7,300.80	11,347.94	6,996.81	69.77	70.88	-76.78	-896.57	-3,389.75	1,338.13	1,199.40	138.72	9.646	
11,600.00	7,300.20	11,447.94	6,995.75	71.38	72.49	-76.77	-897.67	-3,489.73	1,339.08	1,197.20	141.88	9.438	
11,700.00	7,299.61	11,547.93	6,994.70	73.00	74.11	-76.76	-898.77	-3,589.71	1,340.03	1,194.99	145.05	9.239	
11,800.00	7,299.01	11,647.93	6,993.64	74.62	75.73	-76.75	-899.88	-3,689.70	1,340.99	1,192.77	148.22	9.047	
11,900.00	7,298.41	11,747.92	6,992.59	76.25	77.35	-76.73	-900.98	-3,789.68	1,341.94	1,190.55	151.39	8.864	
12,000.00	7,297.82	11,847.92	6,991.53	77.87	78.98	-76.72	-902.08	-3,889.66	1,342.89	1,188.33	154.57	8.688	
12,100.00	7,297.22	11,947.91	6,990.48	79.50	80.60	-76.71	-903.18	-3,989.65	1,343.85	1,186.10	157.75	8.519	
12,200.00	7,296.63	12,047.91	6,989.42	81.13	82.23	-76.70	-904.28	-4,089.63	1,344.80	1,183.87	160.93	8.356	
12,300.00	7,296.03	12,147.90	6,988.37	82.76	83.86	-76.69	-905.38	-4,189.61	1,345.75	1,181.63	164.12	8.200	
12,400.00	7,295.43	12,247.90	6,987.31	84.39	85.49	-76.68	-906.48	-4,289.60	1,346.71	1,179.39	167.31	8.049	
12,500.00	7,294.84	12,347.89	6,986.26	86.03	87.13	-76.67	-907.58	-4,389.58	1,347.66	1,177.15	170.51	7.904	
12,600.00	7,294.24	12,447.89	6,985.20	87.66	88.76	-76.66	-908.68	-4,489.56	1,348.62	1,174.91	173.70	7.764	
12,700.00	7,293.65	12,547.88	6,984.15	89.30	90.40	-76.65	-909.78	-4,589.55	1,349.57	1,172.67	176.90	7.629	
12,800.00	7,293.05	12,647.88	6,983.09	90.94	92.04	-76.64	-910.89	-4,689.53	1,350.52	1,170.42	180.11	7.498	
12,900.00	7,292.45	12,747.87	6,982.04	92.58	93.68	-76.63	-911.99	-4,789.52	1,351.48	1,168.17	183.31	7.373	
13,000.00	7,291.86	12,847.87	6,980.98	94.22	95.32	-76.62	-913.09	-4,889.50	1,352.43	1,165.91	186.52	7.251	
13,100.00	7,291.26	12,947.86	6,979.93	95.86	96.96	-76.61	-914.19	-4,989.48	1,353.38	1,163.66	189.73	7.133	
13,200.00	7,290.67	13,047.86	6,978.87	97.50	98.60	-76.60	-915.29	-5,089.47	1,354.34	1,161.40	192.94	7.020	
13,300.00	7,290.07	13,147.85	6,977.82	99.15	100.24	-76.59	-916.39	-5,189.45	1,355.29	1,159.14	196.15	6.910	
13,400.00	7,289.47	13,247.85	6,976.76	100.80	101.89	-76.58	-917.49	-5,289.43	1,356.25	1,156.88	199.36	6.803	
13,500.00	7,288.88	13,347.84	6,975.71	102.44	103.53	-76.57	-918.59	-5,389.42	1,357.20	1,154.62	202.58	6.700	
13,600.00	7,288.28	13,447.84	6,974.65	104.09	105.18	-76.56	-919.69	-5,489.40	1,358.16	1,152.36	205.80	6.600	
13,700.00	7,287.69	13,547.83	6,973.60	105.74	106.83	-76.55	-920.79	-5,589.38	1,359.11	1,150.10	209.01	6.502	
13,800.00	7,287.09	13,647.83	6,972.54	107.39	108.47	-76.54	-921.90	-5,689.37	1,360.06	1,147.83	212.23	6.408	
13,900.00	7,286.49	13,747.82	6,971.49	109.04	110.12	-76.53	-923.00	-5,789.35	1,361.02	1,145.56	215.46	6.317	
14,000.00	7,285.90	13,847.82	6,970.43	110.69	111.77	-76.52	-924.10	-5,889.33	1,361.97	1,143.29	218.68	6.228	
14,100.00	7,285.30	13,947.81	6,969.38	112.34	113.42	-76.51	-925.20	-5,989.32	1,362.93	1,141.02	221.90	6.142	
14,200.00	7,284.71	14,047.81	6,968.32	113.99	115.07	-76.50	-926.30	-6,089.30	1,363.88	1,138.75	225.13	6.058	
14,300.00	7,284.11	14,147.81	6,967.27	115.64	116.72	-76.49	-927.40	-6,189.28	1,364.84	1,136.48	228.36	5.977	
14,400.00	7,283.51	14,247.80	6,966.21	117.30	118.38	-76.48	-928.50	-6,289.27	1,365.79	1,134.21	231.58	5.898	
14,500.00	7,282.92	14,347.80	6,965.16	118.95	120.03	-76.47	-929.60	-6,389.25	1,366.75	1,131.94	234.81	5.821	
14,600.00	7,282.32	14,447.79	6,964.10	120.61	121.68	-76.46	-930.70	-6,489.24	1,367.70	1,129.66	238.04	5.746	
14,700.00	7,281.73	14,547.79	6,963.05	122.26	123.34	-76.45	-931.80	-6,589.22	1,368.66	1,127.39	241.27	5.673	
14,800.00	7,281.13	14,647.78	6,961.99	123.92	124.99	-76.44	-932.91	-6,689.20	1,369.61	1,125.11	244.50	5.602	
14,900.00	7,280.53	14,747.78	6,960.94	125.57	126.64	-76.42	-934.01	-6,789.19	1,370.56	1,122.83	247.73	5.532	
15,000.00	7,279.94	14,847.77	6,959.88	127.23	128.30	-76.41	-935.11	-6,889.17	1,371.52	1,120.55	250.97	5.465	
15,100.00	7,279.34	14,947.77	6,958.83	128.89	129.96	-76.40	-936.21	-6,989.15	1,372.47	1,118.28	254.20	5.399	
15,200.00	7,278.75	15,047.76	6,957.77	130.54	131.61	-76.39	-937.31	-7,089.14	1,373.43	1,116.00	257.43	5.335	
15,257.27	7,278.40	15,105.03	6,957.17	131.49	132.56	-76.39	-937.94	-7,146.40	1,373.98	1,114.69	259.28	5.299	SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	2.00	2.00	3.28	3.28	175.42	-159.57	12.79	160.08				
100.00	100.00	102.00	102.00	3.28	3.28	175.42	-159.57	12.79	160.08	152.55	7.53	21.261	
200.00	200.00	202.00	202.00	3.31	3.31	175.42	-159.57	12.79	160.08	152.50	7.57	21.134	CC
204.07	204.07	206.07	206.07	3.31	3.31	106.77	-159.57	12.79	160.08	152.50	7.58	21.126	ES
300.00	300.00	300.50	300.50	3.35	3.35	106.83	-159.74	13.02	160.40	152.74	7.66	20.937	
400.00	399.93	396.86	396.80	3.41	3.40	107.12	-161.53	15.40	163.46	155.68	7.78	21.016	
500.00	499.68	492.99	492.74	3.50	3.48	107.58	-165.25	20.36	169.76	161.83	7.94	21.383	
600.00	599.13	588.75	588.03	3.62	3.58	108.18	-170.88	27.86	179.31	171.16	8.15	22.006	
700.00	698.15	683.99	682.44	3.76	3.71	108.84	-178.37	37.83	192.09	183.68	8.41	22.838	
800.00	796.80	778.63	775.80	3.93	3.88	109.51	-187.68	50.23	207.77	199.04	8.73	23.799	
900.00	895.43	872.68	868.02	4.14	4.08	109.53	-198.75	64.98	225.49	216.40	9.10	24.786	
1,000.00	994.06	970.12	963.14	4.36	4.33	109.15	-211.44	81.88	244.50	234.97	9.53	25.651	
1,100.00	1,092.69	1,068.28	1,058.95	4.61	4.61	108.82	-224.25	98.94	263.54	253.53	10.01	26.322	
1,200.00	1,191.33	1,166.44	1,154.77	4.87	4.91	108.54	-237.06	116.00	282.59	272.06	10.53	26.840	
1,300.00	1,289.96	1,264.60	1,250.58	5.14	5.24	108.29	-249.86	133.05	301.64	290.57	11.08	27.234	
1,400.00	1,388.59	1,362.76	1,346.40	5.43	5.58	108.07	-262.67	150.11	320.70	309.05	11.65	27.529	
1,500.00	1,487.22	1,460.92	1,442.21	5.73	5.94	107.88	-275.48	167.17	339.77	327.52	12.24	27.752	
1,600.00	1,585.85	1,559.08	1,538.03	6.03	6.31	107.70	-288.28	184.22	358.83	345.98	12.86	27.910	
1,700.00	1,684.48	1,657.24	1,633.84	6.34	6.68	107.55	-301.09	201.28	377.90	364.42	13.49	28.022	
1,800.00	1,783.11	1,755.40	1,729.66	6.66	7.07	107.41	-313.90	218.34	396.97	382.84	14.13	28.097	
1,900.00	1,881.75	1,853.56	1,825.47	6.84	7.36	107.28	-326.70	235.39	416.05	401.87	14.17	29.357	
2,000.00	1,980.38	1,951.72	1,921.29	6.87	7.49	107.16	-339.51	252.45	435.12	420.81	14.31	30.398	
2,100.00	2,079.01	2,049.88	2,017.10	6.93	7.55	107.05	-352.32	269.51	454.20	439.79	14.41	31.516	
2,200.00	2,177.64	2,148.04	2,112.91	6.99	7.63	106.95	-365.12	286.56	473.28	458.74	14.54	32.547	
2,300.00	2,276.27	2,246.20	2,208.73	7.08	7.73	106.86	-377.93	303.62	492.36	477.66	14.70	33.488	
2,400.00	2,374.90	2,344.36	2,304.54	7.18	7.84	106.78	-390.74	320.68	511.44	496.55	14.89	34.338	
2,500.00	2,473.53	2,442.52	2,400.36	7.29	7.97	106.70	-403.54	337.73	530.52	515.41	15.11	35.099	
2,600.00	2,572.17	2,540.68	2,496.17	7.41	8.12	106.63	-416.35	354.79	549.60	534.24	15.36	35.774	
2,700.00	2,670.80	2,638.84	2,591.99	7.55	8.28	106.56	-429.16	371.85	568.69	553.05	15.64	36.365	
2,800.00	2,769.43	2,737.00	2,687.80	7.70	8.45	106.50	-441.96	388.90	587.77	571.83	15.94	36.877	
2,900.00	2,868.06	2,835.16	2,783.62	7.86	8.64	106.44	-454.77	405.96	606.86	590.60	16.26	37.317	
3,000.00	2,966.69	2,933.32	2,879.43	8.03	8.84	106.38	-467.57	423.02	625.94	609.34	16.61	37.689	
3,100.00	3,065.32	3,031.48	2,975.25	8.21	9.05	106.33	-480.38	440.07	645.03	628.05	16.97	38.000	
3,200.00	3,163.95	3,129.64	3,071.06	8.40	9.27	106.28	-493.19	457.13	664.12	646.76	17.36	38.254	
3,300.00	3,262.59	3,227.80	3,166.88	8.60	9.50	106.23	-505.99	474.19	683.20	665.44	17.76	38.459	
3,400.00	3,361.22	3,325.96	3,262.69	8.80	9.74	106.19	-518.80	491.24	702.29	684.11	18.19	38.618	
3,500.00	3,459.85	3,424.12	3,358.51	9.02	9.99	106.15	-531.61	508.30	721.38	702.76	18.62	38.738	
3,600.00	3,558.48	3,522.28	3,454.32	9.24	10.25	106.11	-544.41	525.36	740.47	721.39	19.07	38.822	
3,700.00	3,657.11	3,620.44	3,550.13	9.46	10.51	106.07	-557.22	542.41	759.56	740.02	19.54	38.876	
3,800.00	3,755.74	3,718.60	3,645.95	9.70	10.78	106.03	-570.03	559.47	778.64	758.63	20.01	38.903	
3,900.00	3,854.37	3,816.76	3,741.76	9.94	11.06	106.00	-582.83	576.53	797.73	777.23	20.50	38.907	
4,000.00	3,953.01	3,914.92	3,837.58	10.18	11.34	105.97	-595.64	593.59	816.82	795.82	21.00	38.890	
4,100.00	4,051.64	4,013.08	3,933.39	10.43	11.63	105.94	-608.45	610.64	835.91	814.40	21.51	38.856	
4,200.00	4,150.27	4,111.24	4,029.21	10.68	11.92	105.91	-621.25	627.70	855.00	832.97	22.03	38.807	
4,300.00	4,248.90	4,209.40	4,125.02	10.94	12.22	105.88	-634.06	644.76	874.09	851.53	22.56	38.746	
4,400.00	4,347.53	4,307.56	4,220.84	11.20	12.53	105.85	-646.87	661.81	893.18	870.09	23.10	38.674	
4,500.00	4,446.16	4,405.72	4,316.65	11.47	12.83	105.83	-659.67	678.87	912.27	888.63	23.64	38.592	
4,600.00	4,544.79	4,503.88	4,412.47	11.74	13.14	105.80	-672.48	695.93	931.36	907.17	24.19	38.504	
4,700.00	4,643.43	4,602.04	4,508.28	12.01	13.46	105.78	-685.29	712.98	950.45	925.71	24.75	38.409	
4,800.00	4,742.06	4,700.20	4,604.10	12.28	13.77	105.75	-698.09	730.04	969.55	944.24	25.31	38.309	
4,900.00	4,840.69	4,801.64	4,699.91	12.56	14.10	105.73	-710.90	747.10	988.64	962.75	25.89	38.191	
5,000.00	4,939.32	4,896.52	4,795.73	12.84	14.42	105.71	-723.71	764.15	1,007.73	981.28	26.45	38.098	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	4,994.68	4,891.54	13.12	14.74	105.69	-736.51	781.21	1,026.82	999.79	27.03	37.989	
5,200.00	5,136.58	5,092.84	4,987.35	13.41	15.07	105.67	-749.32	798.27	1,045.91	1,018.30	27.61	37.877	
5,300.00	5,235.22	5,209.00	5,083.17	13.69	15.46	105.65	-762.13	815.32	1,065.00	1,036.75	28.26	37.690	
5,400.00	5,333.85	5,289.16	5,178.98	13.98	15.73	105.63	-774.93	832.38	1,084.09	1,055.30	28.79	37.651	
5,500.00	5,432.48	5,387.32	5,274.80	14.27	16.07	105.61	-787.74	849.44	1,103.19	1,073.80	29.39	37.538	
5,600.00	5,531.11	5,485.48	5,370.61	14.57	16.40	105.60	-800.55	866.49	1,122.28	1,092.29	29.99	37.424	
5,700.00	5,629.74	5,583.64	5,466.43	14.86	16.74	105.58	-813.35	883.55	1,141.37	1,110.78	30.59	37.311	
5,800.00	5,728.37	5,681.80	5,562.24	15.16	17.08	105.56	-826.16	900.61	1,160.46	1,129.27	31.20	37.198	
5,900.00	5,827.00	5,779.96	5,658.06	15.45	17.42	105.55	-838.97	917.66	1,179.55	1,147.75	31.81	37.086	
6,000.00	5,925.64	5,878.12	5,753.87	15.75	17.77	105.53	-851.77	934.72	1,198.65	1,166.23	32.42	36.975	
6,100.00	6,024.27	5,976.28	5,849.69	16.05	18.11	105.52	-864.58	951.78	1,217.74	1,184.71	33.03	36.865	
6,200.00	6,122.90	6,074.44	5,945.50	16.35	18.46	105.51	-877.38	968.83	1,236.83	1,203.18	33.65	36.756	
6,300.00	6,221.53	6,172.60	6,041.32	16.66	18.80	105.49	-890.19	985.89	1,255.92	1,221.65	34.27	36.649	
6,400.00	6,320.16	6,270.76	6,137.13	16.96	19.15	105.48	-903.00	1,002.95	1,275.02	1,240.13	34.89	36.542	
6,500.00	6,418.79	6,368.92	6,232.95	17.26	19.50	105.47	-915.80	1,020.00	1,294.11	1,258.59	35.52	36.438	
6,600.00	6,517.42	6,467.08	6,328.76	17.57	19.85	105.45	-928.61	1,037.06	1,313.20	1,277.06	36.14	36.335	
6,700.00	6,616.13	6,565.22	6,424.56	17.86	20.20	112.69	-941.41	1,054.11	1,332.35	1,295.59	36.76	36.248	
6,800.00	6,715.79	6,667.55	6,524.64	18.05	20.53	-148.01	-954.83	1,070.56	1,352.52	1,315.28	37.23	36.325	
6,900.00	6,814.75	6,780.03	6,635.90	18.17	20.74	-109.84	-970.14	1,072.94	1,373.12	1,335.56	37.56	36.556	
7,000.00	6,910.58	6,895.58	6,748.72	18.23	20.86	-101.46	-986.19	1,054.80	1,393.44	1,355.69	37.75	36.908	
7,100.00	7,000.92	7,014.02	6,858.97	18.24	20.91	-97.30	-1,002.42	1,015.18	1,412.91	1,375.08	37.83	37.348	
7,200.00	7,083.54	7,134.94	6,961.97	18.23	20.90	-94.47	-1,018.20	954.19	1,430.99	1,393.15	37.84	37.819	
7,300.00	7,156.41	7,257.69	7,052.88	18.22	20.84	-92.25	-1,032.81	873.31	1,447.17	1,409.32	37.85	38.239	
7,400.00	7,217.74	7,381.36	7,127.17	18.25	20.76	-90.40	-1,045.55	775.51	1,461.02	1,423.07	37.95	38.503	
7,500.00	7,266.01	7,504.91	7,181.26	18.35	20.67	-88.82	-1,055.82	665.12	1,472.19	1,433.97	38.22	38.523	
7,600.00	7,300.04	7,627.21	7,213.00	18.55	20.62	-87.48	-1,063.18	547.43	1,480.44	1,441.71	38.72	38.234	
7,700.00	7,318.98	7,747.25	7,221.91	18.85	20.64	-86.38	-1,067.44	427.97	1,485.61	1,446.17	39.44	37.667	
7,800.00	7,322.85	7,845.99	7,221.05	19.26	20.80	-85.99	-1,069.82	329.27	1,488.37	1,448.08	40.29	36.942	
7,900.00	7,322.26	7,945.96	7,220.14	19.79	21.15	-85.99	-1,072.22	229.33	1,490.56	1,449.19	41.38	36.022	
8,000.00	7,321.66	8,045.94	7,219.24	20.45	21.72	-85.98	-1,074.63	129.39	1,492.76	1,450.05	42.71	34.955	
8,100.00	7,321.06	8,145.91	7,218.33	21.22	22.46	-85.97	-1,077.04	29.45	1,494.95	1,450.70	44.25	33.785	
8,200.00	7,320.47	8,245.89	7,217.43	22.09	23.33	-85.97	-1,079.44	-70.50	1,497.14	1,451.16	45.98	32.560	
8,300.00	7,319.87	8,345.87	7,216.52	23.05	24.29	-85.96	-1,081.85	-170.44	1,499.34	1,451.45	47.89	31.307	
8,400.00	7,319.28	8,445.84	7,215.61	24.08	25.34	-85.96	-1,084.25	-270.38	1,501.53	1,451.58	49.95	30.059	
8,500.00	7,318.68	8,545.82	7,214.71	25.18	26.46	-85.95	-1,086.66	-370.33	1,503.72	1,451.58	52.15	28.836	
8,600.00	7,318.08	8,645.79	7,213.80	26.35	27.63	-85.94	-1,089.06	-470.27	1,505.92	1,451.46	54.46	27.652	
8,700.00	7,317.49	8,745.77	7,212.90	27.56	28.85	-85.94	-1,091.47	-570.21	1,508.11	1,451.23	56.88	26.516	
8,800.00	7,316.89	8,845.74	7,211.99	28.82	30.11	-85.93	-1,093.88	-670.15	1,510.30	1,450.92	59.38	25.433	
8,900.00	7,316.29	8,945.72	7,211.08	30.12	31.42	-85.93	-1,096.28	-770.10	1,512.50	1,450.53	61.97	24.407	
9,000.00	7,315.70	9,045.70	7,210.18	31.46	32.75	-85.92	-1,098.69	-870.04	1,514.69	1,450.06	64.62	23.438	
9,100.00	7,315.10	9,145.67	7,209.27	32.82	34.12	-85.92	-1,101.09	-969.98	1,516.88	1,449.54	67.34	22.525	
9,200.00	7,314.51	9,245.65	7,208.37	34.22	35.50	-85.91	-1,103.50	-1,069.92	1,519.07	1,448.96	70.11	21.666	
9,300.00	7,313.91	9,345.62	7,207.46	35.64	36.92	-85.90	-1,105.90	-1,169.87	1,521.27	1,448.34	72.93	20.859	
9,400.00	7,313.31	9,445.60	7,206.55	37.08	38.35	-85.90	-1,108.31	-1,269.81	1,523.46	1,447.67	75.79	20.100	
9,500.00	7,312.72	9,545.58	7,205.65	38.53	39.80	-85.89	-1,110.71	-1,369.75	1,525.65	1,446.96	78.69	19.388	
9,600.00	7,312.12	9,645.55	7,204.74	40.01	41.27	-85.89	-1,113.12	-1,469.70	1,527.85	1,446.22	81.63	18.718	
9,700.00	7,311.53	9,745.53	7,203.84	41.50	42.75	-85.88	-1,115.53	-1,569.64	1,530.04	1,445.45	84.59	18.088	
9,800.00	7,310.93	9,845.50	7,202.93	43.00	44.25	-85.87	-1,117.93	-1,669.58	1,532.23	1,444.65	87.58	17.495	
9,900.00	7,310.33	9,945.48	7,202.02	44.52	45.75	-85.87	-1,120.34	-1,769.52	1,534.43	1,443.83	90.59	16.937	
10,000.00	7,309.74	10,045.45	7,201.12	46.05	47.27	-85.86	-1,122.74	-1,869.47	1,536.62	1,442.99	93.63	16.411	
10,100.00	7,309.14	10,145.43	7,200.21	47.58	48.80	-85.86	-1,125.15	-1,969.41	1,538.81	1,442.13	96.69	15.915	
10,200.00	7,308.55	10,245.41	7,199.31	49.13	50.34	-85.85	-1,127.55	-2,069.35	1,541.01	1,441.24	99.76	15.447	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	10,345.38	7,198.40	50.68	51.88	-85.85	-1,129.96	-2,169.30	1,543.20	1,440.35	102.85	15.004	
10,400.00	7,307.35	10,445.36	7,197.49	52.24	53.43	-85.84	-1,132.36	-2,269.24	1,545.39	1,439.43	105.96	14.585	
10,500.00	7,306.76	10,545.33	7,196.59	53.81	54.99	-85.83	-1,134.77	-2,369.18	1,547.59	1,438.51	109.08	14.187	
10,600.00	7,306.16	10,645.31	7,195.68	55.39	56.56	-85.83	-1,137.18	-2,469.12	1,549.78	1,437.57	112.21	13.811	
10,700.00	7,305.57	10,745.29	7,194.78	56.97	58.13	-85.82	-1,139.58	-2,569.07	1,551.97	1,436.62	115.36	13.454	
10,800.00	7,304.97	10,845.26	7,193.87	58.55	59.71	-85.82	-1,141.99	-2,669.01	1,554.17	1,435.65	118.51	13.114	
10,900.00	7,304.37	10,945.24	7,192.96	60.14	61.29	-85.81	-1,144.39	-2,768.95	1,556.36	1,434.68	121.68	12.791	
11,000.00	7,303.78	11,045.21	7,192.06	61.74	62.88	-85.81	-1,146.80	-2,868.89	1,558.55	1,433.70	124.85	12.483	
11,100.00	7,303.18	11,145.19	7,191.15	63.34	64.47	-85.80	-1,149.20	-2,968.84	1,560.75	1,432.71	128.03	12.190	
11,200.00	7,302.59	11,245.16	7,190.25	64.94	66.06	-85.80	-1,151.61	-3,068.78	1,562.94	1,431.72	131.22	11.911	
11,300.00	7,301.99	11,345.14	7,189.34	66.55	67.66	-85.79	-1,154.01	-3,168.72	1,565.13	1,430.72	134.42	11.644	
11,400.00	7,301.39	11,445.12	7,188.43	68.16	69.26	-85.79	-1,156.42	-3,268.67	1,567.33	1,429.71	137.62	11.389	
11,500.00	7,300.80	11,545.09	7,187.53	69.77	70.86	-85.78	-1,158.83	-3,368.61	1,569.52	1,428.69	140.83	11.145	
11,600.00	7,300.20	11,645.07	7,186.62	71.38	72.47	-85.77	-1,161.23	-3,468.55	1,571.72	1,427.67	144.05	10.911	
11,700.00	7,299.61	11,745.04	7,185.72	73.00	74.08	-85.77	-1,163.64	-3,568.49	1,573.91	1,426.64	147.27	10.687	
11,800.00	7,299.01	11,845.02	7,184.81	74.62	75.70	-85.76	-1,166.04	-3,668.44	1,576.10	1,425.61	150.50	10.473	
11,900.00	7,298.41	11,945.00	7,183.91	76.25	77.31	-85.76	-1,168.45	-3,768.38	1,578.30	1,424.57	153.73	10.267	
12,000.00	7,297.82	12,044.97	7,183.00	77.87	78.93	-85.75	-1,170.85	-3,868.32	1,580.49	1,423.53	156.96	10.069	
12,100.00	7,297.22	12,144.95	7,182.09	79.50	80.55	-85.75	-1,173.26	-3,968.27	1,582.68	1,422.48	160.20	9.879	
12,200.00	7,296.63	12,300.96	7,180.68	81.13	83.08	-85.73	-1,175.21	-4,124.25	1,584.07	1,419.83	164.24	9.645	
12,300.00	7,296.03	12,409.08	7,179.70	82.76	84.84	-85.72	-1,173.46	-4,232.35	1,582.23	1,414.64	167.59	9.441	
12,400.00	7,295.43	12,509.06	7,178.79	84.39	86.47	-85.70	-1,171.80	-4,332.32	1,580.37	1,409.53	170.84	9.251	
12,500.00	7,294.84	12,609.05	7,177.89	86.03	88.10	-85.68	-1,170.15	-4,432.28	1,578.52	1,404.42	174.10	9.067	
12,600.00	7,294.24	12,709.03	7,176.98	87.66	89.73	-85.67	-1,168.49	-4,532.24	1,576.66	1,399.30	177.36	8.890	
12,700.00	7,293.65	12,809.01	7,176.08	89.30	91.36	-85.65	-1,166.84	-4,632.21	1,574.81	1,394.18	180.62	8.719	
12,800.00	7,293.05	12,908.99	7,175.17	90.94	93.00	-85.63	-1,165.18	-4,732.17	1,572.95	1,389.06	183.89	8.554	
12,900.00	7,292.45	13,008.97	7,174.26	92.58	94.63	-85.62	-1,163.53	-4,832.14	1,571.09	1,383.93	187.16	8.394	
13,000.00	7,291.86	13,108.95	7,173.36	94.22	96.27	-85.60	-1,161.87	-4,932.10	1,569.24	1,378.81	190.43	8.240	
13,100.00	7,291.26	13,208.94	7,172.45	95.86	97.91	-85.58	-1,160.22	-5,032.06	1,567.38	1,373.68	193.70	8.092	
13,200.00	7,290.67	13,308.92	7,171.54	97.50	99.55	-85.57	-1,158.56	-5,132.03	1,565.53	1,368.55	196.98	7.948	
13,300.00	7,290.07	13,408.90	7,170.64	99.15	101.19	-85.55	-1,156.91	-5,231.99	1,563.67	1,363.41	200.26	7.808	
13,400.00	7,289.47	13,508.88	7,169.73	100.80	102.83	-85.53	-1,155.25	-5,331.96	1,561.81	1,358.28	203.54	7.673	
13,500.00	7,288.88	13,608.86	7,168.83	102.44	104.48	-85.52	-1,153.60	-5,431.92	1,559.96	1,353.14	206.82	7.543	
13,600.00	7,288.28	13,708.85	7,167.92	104.09	106.12	-85.50	-1,151.94	-5,531.88	1,558.10	1,348.01	210.10	7.416	
13,700.00	7,287.69	13,808.83	7,167.01	105.74	107.77	-85.48	-1,150.29	-5,631.85	1,556.25	1,342.87	213.38	7.293	
13,800.00	7,287.09	13,908.81	7,166.11	107.39	109.41	-85.47	-1,148.63	-5,731.81	1,554.39	1,337.73	216.67	7.174	
13,900.00	7,286.49	14,008.79	7,165.20	109.04	111.06	-85.45	-1,146.98	-5,831.78	1,552.54	1,332.58	219.96	7.058	
14,000.00	7,285.90	14,108.77	7,164.30	110.69	112.71	-85.43	-1,145.32	-5,931.74	1,550.69	1,327.44	223.24	6.946	
14,100.00	7,285.30	14,208.75	7,163.39	112.34	114.36	-85.42	-1,143.66	-6,031.70	1,548.83	1,322.30	226.53	6.837	
14,200.00	7,284.71	14,308.74	7,162.48	113.99	116.01	-85.40	-1,142.01	-6,131.67	1,546.98	1,317.15	229.83	6.731	
14,300.00	7,284.11	14,408.72	7,161.58	115.64	117.66	-85.38	-1,140.35	-6,231.63	1,545.12	1,312.00	233.12	6.628	
14,400.00	7,283.51	14,508.70	7,160.67	117.30	119.31	-85.37	-1,138.70	-6,331.60	1,543.27	1,306.86	236.41	6.528	
14,500.00	7,282.92	14,608.68	7,159.77	118.95	120.96	-85.35	-1,137.04	-6,431.56	1,541.41	1,301.71	239.71	6.430	
14,600.00	7,282.32	14,708.66	7,158.86	120.61	122.61	-85.33	-1,135.39	-6,531.52	1,539.56	1,296.56	243.00	6.336	
14,700.00	7,281.73	14,808.64	7,157.95	122.26	124.27	-85.31	-1,133.73	-6,631.49	1,537.71	1,291.41	246.30	6.243	
14,800.00	7,281.13	14,908.63	7,157.05	123.92	125.92	-85.30	-1,132.08	-6,731.45	1,535.85	1,286.26	249.60	6.153	
14,900.00	7,280.53	15,008.61	7,156.14	125.57	127.57	-85.28	-1,130.42	-6,831.41	1,534.00	1,281.11	252.89	6.066	
15,000.00	7,279.94	15,108.59	7,155.24	127.23	129.23	-85.26	-1,128.77	-6,931.38	1,532.15	1,275.95	256.19	5.980	
15,100.00	7,279.34	15,208.57	7,154.33	128.89	130.88	-85.24	-1,127.11	-7,031.34	1,530.29	1,270.80	259.49	5.897	
15,200.00	7,278.75	15,308.55	7,153.42	130.54	132.54	-85.23	-1,125.46	-7,131.31	1,528.44	1,265.65	262.79	5.816	
15,257.27	7,278.40	15,344.96	7,153.09	131.49	133.14	-85.22	-1,124.85	-7,167.70	1,527.52	1,263.10	264.42	5.777	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7375-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	-56.72	227.69	-346.96	415.00				
100.00	100.00	102.17	102.16	3.28	3.28	-56.82	226.83	-346.91	414.51	407.15	7.36	56.350	
200.00	200.00	200.37	200.36	3.31	3.30	-56.97	225.53	-346.85	413.74	406.34	7.39	55.965	
280.68	280.68	281.11	281.10	3.34	3.32	-125.76	224.80	-346.77	413.60	406.15	7.45	55.531	
300.00	300.00	300.45	300.43	3.35	3.33	-125.76	224.66	-346.73	413.41	405.95	7.46	55.382	
400.00	399.93	400.82	400.79	3.41	3.37	-126.20	223.89	-346.46	414.82	407.25	7.57	54.799	
500.00	499.68	498.00	497.98	3.50	3.42	-126.96	223.24	-346.43	418.61	410.90	7.71	54.296	
600.00	599.13	599.33	599.31	3.62	3.49	-128.06	222.74	-346.40	424.72	416.83	7.89	53.845	
700.00	698.15	696.75	696.73	3.76	3.57	-129.35	222.56	-346.14	433.15	425.05	8.10	53.460	
800.00	796.80	791.16	791.13	3.93	3.65	-130.86	222.74	-346.40	444.12	435.77	8.35	53.196	
900.00	895.43	889.39	889.36	4.14	3.74	-132.42	223.10	-347.22	456.07	447.44	8.62	52.892	
1,000.00	994.06	986.90	986.87	4.36	3.85	-133.89	223.46	-348.11	468.42	459.49	8.92	52.499	
1,100.00	1,092.69	1,085.20	1,085.16	4.61	3.96	-135.33	223.69	-349.23	481.22	471.97	9.25	52.048	
1,200.00	1,191.33	1,181.27	1,181.22	4.87	4.08	-136.69	223.69	-350.64	494.51	484.93	9.59	51.588	
1,300.00	1,289.96	1,280.25	1,280.18	5.14	4.21	-138.06	223.51	-352.46	508.37	498.42	9.95	51.110	
1,400.00	1,388.59	1,380.03	1,379.94	5.43	4.35	-139.37	223.16	-354.06	522.23	511.91	10.32	50.586	
1,500.00	1,487.22	1,479.07	1,478.98	5.73	4.49	-140.60	222.86	-355.42	536.13	525.42	10.71	50.046	
1,600.00	1,585.85	1,576.19	1,576.09	6.03	4.64	-141.72	222.75	-356.72	550.29	539.18	11.11	49.530	
1,700.00	1,684.48	1,675.67	1,675.56	6.34	4.79	-142.83	222.51	-358.22	564.77	553.25	11.52	49.019	
1,800.00	1,783.11	1,775.22	1,775.10	6.66	4.95	-143.91	221.99	-359.51	579.18	567.24	11.94	48.500	
1,900.00	1,881.75	1,874.77	1,874.64	6.84	5.11	-144.91	221.66	-360.57	593.60	581.56	12.04	49.320	
2,000.00	1,980.38	1,973.03	1,972.90	6.87	5.28	-145.82	221.58	-361.44	608.07	595.86	12.22	49.779	
2,100.00	2,079.01	2,068.56	2,068.42	6.93	5.44	-146.64	221.79	-362.46	622.92	610.51	12.41	50.203	
2,200.00	2,177.64	2,163.93	2,163.78	6.99	5.61	-147.38	222.65	-363.89	638.44	625.82	12.62	50.595	
2,300.00	2,276.27	2,266.18	2,266.01	7.08	5.79	-148.08	224.20	-365.41	654.17	641.31	12.86	50.868	
2,400.00	2,374.90	2,363.30	2,363.11	7.18	5.96	-148.70	225.62	-366.29	669.40	656.29	13.11	51.071	
2,500.00	2,473.53	2,465.55	2,465.34	7.29	6.14	-149.31	227.38	-367.51	685.03	671.65	13.38	51.198	
2,600.00	2,572.17	2,571.97	2,571.74	7.41	6.33	-149.97	228.50	-367.64	699.59	685.92	13.67	51.165	
2,700.00	2,670.80	2,669.61	2,669.39	7.55	6.51	-150.58	228.97	-367.28	713.66	699.70	13.96	51.116	
2,800.00	2,769.43	2,762.80	2,762.57	7.70	6.68	-151.09	230.16	-367.36	728.36	714.10	14.26	51.089	
2,900.00	2,868.06	2,860.58	2,860.35	7.86	6.87	-151.65	230.82	-368.14	743.74	729.16	14.57	51.030	
3,000.00	2,966.69	2,958.83	2,958.59	8.03	7.05	-152.27	230.49	-368.87	759.03	744.12	14.91	50.924	
3,100.00	3,065.32	3,054.61	3,054.37	8.21	7.24	-152.84	230.33	-369.82	774.66	759.42	15.24	50.824	
3,200.00	3,163.95	3,152.27	3,152.01	8.40	7.43	-153.42	229.81	-371.12	790.68	775.08	15.59	50.706	
3,300.00	3,262.59	3,250.66	3,250.39	8.60	7.62	-154.00	229.13	-372.38	806.71	790.75	15.96	50.559	
3,400.00	3,361.22	3,350.97	3,350.69	8.80	7.81	-154.58	228.26	-373.69	822.84	806.51	16.33	50.384	
3,500.00	3,459.85	3,450.64	3,450.35	9.02	8.01	-155.11	227.78	-374.57	838.64	821.92	16.71	50.173	
3,600.00	3,558.48	3,547.55	3,547.26	9.24	8.20	-155.59	227.53	-375.57	854.67	837.57	17.10	49.979	
3,700.00	3,657.11	3,645.48	3,645.18	9.46	8.40	-156.02	227.74	-376.65	870.84	853.34	17.50	49.772	
3,800.00	3,755.74	3,743.09	3,742.79	9.70	8.59	-156.45	227.72	-377.80	887.13	869.23	17.90	49.564	
3,900.00	3,854.37	3,841.00	3,840.69	9.94	8.79	-156.89	227.47	-379.06	903.57	885.26	18.31	49.355	
4,000.00	3,953.01	3,942.40	3,942.08	10.18	9.00	-157.33	227.09	-380.31	920.00	901.27	18.73	49.117	
4,100.00	4,051.64	4,045.65	4,045.33	10.43	9.20	-157.76	226.70	-380.98	935.90	916.74	19.16	48.838	
4,200.00	4,150.27	4,145.67	4,145.35	10.68	9.41	-158.17	226.10	-381.36	951.58	931.99	19.59	48.568	
4,300.00	4,248.90	4,242.33	4,241.99	10.94	9.60	-158.61	224.75	-381.67	967.27	947.25	20.02	48.322	
4,400.00	4,347.53	4,336.67	4,336.32	11.20	9.79	-159.04	223.09	-382.38	983.42	962.98	20.44	48.111	
4,500.00	4,446.16	4,432.89	4,432.53	11.47	9.99	-159.40	222.54	-383.38	999.90	979.03	20.87	47.900	
4,600.00	4,544.79	4,530.23	4,529.86	11.74	10.19	-159.67	223.45	-384.62	1,016.61	995.29	21.32	47.690	
4,700.00	4,643.43	4,626.71	4,626.32	12.01	10.38	-159.91	224.81	-385.87	1,033.36	1,011.60	21.76	47.489	
4,800.00	4,742.06	4,716.12	4,715.71	12.28	10.57	-160.11	226.10	-387.61	1,050.75	1,028.57	22.19	47.357	
4,900.00	4,840.69	4,807.15	4,806.68	12.56	10.75	-160.28	228.07	-390.13	1,068.95	1,046.33	22.62	47.250	
5,000.00	4,939.32	4,910.28	4,909.72	12.84	10.96	-160.41	231.27	-393.10	1,087.23	1,064.14	23.09	47.078	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7375-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,011.86	5,011.21	13.12	11.17	-160.54	234.42	-395.65	1,105.16	1,081.60	23.56	46.900	
5,200.00	5,136.58	5,111.34	5,110.63	13.41	11.38	-160.67	237.18	-398.01	1,122.98	1,098.95	24.03	46.731	
5,300.00	5,235.22	5,220.66	5,219.91	13.69	11.60	-160.85	239.50	-399.77	1,140.05	1,115.53	24.53	46.485	
5,400.00	5,333.85	5,315.34	5,314.56	13.98	11.80	-161.03	241.11	-401.12	1,157.00	1,132.01	24.98	46.311	
5,500.00	5,432.48	5,413.08	5,412.27	14.27	12.00	-161.20	242.74	-402.69	1,174.12	1,148.67	25.45	46.131	
5,600.00	5,531.11	5,511.28	5,510.45	14.57	12.21	-161.39	244.00	-404.33	1,191.34	1,165.41	25.92	45.956	
5,700.00	5,629.74	5,617.45	5,616.61	14.86	12.43	-161.59	245.38	-405.68	1,208.18	1,181.76	26.42	45.732	
5,800.00	5,728.37	5,718.28	5,717.42	15.16	12.64	-161.77	246.78	-406.62	1,224.69	1,197.79	26.90	45.527	
5,900.00	5,827.00	5,821.80	5,820.93	15.45	12.85	-161.96	248.08	-407.21	1,240.86	1,213.47	27.39	45.302	
6,000.00	5,925.64	5,920.39	5,919.52	15.75	13.06	-162.18	248.44	-407.55	1,256.89	1,229.02	27.87	45.098	
6,100.00	6,024.27	6,018.56	6,017.69	16.05	13.26	-162.39	248.74	-407.89	1,272.94	1,244.59	28.35	44.900	
6,200.00	6,122.90	6,115.19	6,114.32	16.35	13.46	-162.58	249.22	-408.38	1,289.14	1,260.31	28.83	44.718	
6,300.00	6,221.53	6,215.54	6,214.66	16.66	13.67	-162.78	249.70	-408.82	1,305.31	1,275.99	29.32	44.524	
6,400.00	6,320.16	6,312.12	6,311.24	16.96	13.88	-162.95	250.42	-409.36	1,321.57	1,291.77	29.80	44.354	
6,500.00	6,418.79	6,417.57	6,416.69	17.26	14.10	-163.15	250.88	-409.62	1,337.57	1,307.27	30.30	44.146	
6,600.00	6,517.42	6,515.33	6,514.45	17.57	14.30	-163.33	251.30	-409.71	1,353.42	1,322.64	30.78	43.968	
6,700.00	6,616.13	6,615.91	6,615.03	17.86	14.51	-156.66	252.21	-409.80	1,368.71	1,337.45	31.26	43.779	
6,800.00	6,715.79	6,718.82	6,717.93	18.05	14.72	-58.89	253.16	-409.69	1,372.44	1,340.77	31.67	43.336	
6,900.00	6,814.75	6,818.16	6,817.27	18.17	14.93	-22.36	253.81	-409.40	1,360.44	1,328.42	32.02	42.492	
7,000.00	6,910.58	6,910.47	6,909.58	18.23	15.11	-15.93	253.97	-409.26	1,333.36	1,301.07	32.29	41.287	
7,100.00	7,000.92	7,007.25	7,006.36	18.24	15.31	-14.14	253.83	-408.95	1,291.60	1,259.06	32.55	39.685	
7,200.00	7,083.54	7,103.88	7,102.98	18.23	15.51	-14.30	253.23	-407.76	1,235.64	1,202.87	32.77	37.704	
7,300.00	7,156.41	7,170.35	7,169.43	18.22	15.64	-15.70	252.47	-406.67	1,167.45	1,134.55	32.90	35.482	
7,400.00	7,217.74	7,226.10	7,225.17	18.25	15.76	-18.81	251.59	-405.93	1,089.24	1,056.24	33.00	33.003	
7,500.00	7,266.01	7,281.21	7,267.85	18.35	15.87	-24.76	250.64	-405.50	1,002.95	969.84	33.11	30.293	
7,600.00	7,300.04	7,301.98	7,301.03	18.55	15.91	-37.01	249.76	-405.23	910.61	877.44	33.17	27.455	
7,700.00	7,318.98	7,320.10	7,319.13	18.85	15.95	-62.70	249.28	-405.08	814.46	781.20	33.25	24.493	
7,800.00	7,322.85	7,323.14	7,322.18	19.26	15.95	-91.92	249.20	-405.05	716.97	683.62	33.36	21.495	
7,900.00	7,322.26	7,321.74	7,320.77	19.79	15.95	-91.43	249.24	-405.07	620.04	586.53	33.51	18.505	
8,000.00	7,321.66	7,320.33	7,319.37	20.45	15.95	-90.94	249.27	-405.08	524.25	490.49	33.75	15.532	
8,100.00	7,321.06	7,318.92	7,317.96	21.22	15.95	-90.44	249.31	-405.09	430.37	396.19	34.18	12.591	
8,200.00	7,320.47	7,317.51	7,316.55	22.09	15.94	-89.95	249.35	-405.10	340.00	305.04	34.97	9.723	
8,300.00	7,319.87	7,316.10	7,315.14	23.05	15.94	-89.46	249.39	-405.11	256.87	220.37	36.50	7.037	
8,400.00	7,319.28	7,314.69	7,313.73	24.08	15.94	-88.96	249.42	-405.12	190.67	151.42	39.25	4.858	
8,498.16	7,318.69	7,313.31	7,312.35	25.16	15.93	-88.48	249.46	-405.14	163.47	121.98	41.50	3.939	CC, ES
8,500.00	7,318.68	7,313.29	7,312.33	25.18	15.93	-88.47	249.46	-405.14	163.48	121.98	41.50	3.939	SF
8,600.00	7,318.08	7,311.88	7,310.92	26.35	15.93	-87.98	249.50	-405.15	192.59	152.82	39.78	4.842	
8,700.00	7,317.49	7,310.47	7,309.51	27.56	15.93	-87.48	249.53	-405.16	259.72	222.49	37.23	6.976	
8,800.00	7,316.89	7,309.06	7,308.10	28.82	15.93	-86.99	249.57	-405.17	343.24	307.54	35.70	9.614	
8,900.00	7,316.29	7,307.65	7,306.70	30.12	15.92	-86.50	249.61	-405.18	433.78	398.91	34.87	12.440	
9,000.00	7,315.70	7,306.25	7,305.29	31.46	15.92	-86.00	249.65	-405.19	527.75	493.35	34.40	15.343	
9,100.00	7,315.10	7,304.84	7,303.88	32.82	15.92	-85.51	249.68	-405.20	623.59	589.48	34.11	18.279	
9,200.00	7,314.51	7,303.43	7,302.47	34.22	15.91	-85.02	249.72	-405.22	720.56	686.62	33.94	21.231	
9,300.00	7,313.91	7,302.02	7,301.06	35.64	15.91	-84.53	249.76	-405.23	818.26	784.43	33.83	24.189	
9,400.00	7,313.31	7,300.61	7,299.66	37.08	15.91	-84.04	249.80	-405.24	916.45	882.69	33.76	27.147	
9,500.00	7,312.72	7,299.20	7,298.25	38.53	15.91	-83.55	249.83	-405.25	1,014.99	981.28	33.72	30.104	
9,600.00	7,312.12	7,297.80	7,296.84	40.01	15.90	-83.06	249.87	-405.26	1,113.80	1,080.10	33.69	33.056	
9,700.00	7,311.53	7,296.39	7,295.43	41.50	15.90	-82.57	249.91	-405.27	1,212.79	1,179.10	33.69	36.002	
9,800.00	7,310.93	7,294.98	7,294.03	43.00	15.90	-82.08	249.95	-405.29	1,311.94	1,278.25	33.69	38.941	
9,900.00	7,310.33	7,293.57	7,292.62	44.52	15.89	-81.59	249.98	-405.30	1,411.20	1,377.50	33.70	41.871	
10,000.00	7,309.74	7,292.16	7,291.21	46.05	15.89	-81.11	250.02	-405.31	1,510.57	1,476.84	33.72	44.793	
10,100.00	7,309.14	7,290.75	7,289.80	47.58	15.89	-80.62	250.06	-405.32	1,610.00	1,576.26	33.75	47.705	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7375-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,308.55	7,289.35	7,288.39	49.13	15.89	-80.14	250.09	-405.33	1,709.51	1,675.73	33.78	50.607	
10,300.00	7,307.95	7,287.94	7,286.99	50.68	15.88	-79.66	250.13	-405.34	1,809.07	1,775.25	33.82	53.498	
10,400.00	7,307.35	7,286.53	7,285.58	52.24	15.88	-79.18	250.17	-405.35	1,908.67	1,874.81	33.86	56.377	
10,500.00	7,306.76	7,286.42	7,285.47	53.81	15.88	-79.14	250.16	-405.36	2,008.31	1,974.41	33.89	59.252	
10,600.00	7,306.16	7,284.91	7,283.96	55.39	15.88	-78.62	250.21	-405.37	2,107.98	2,074.04	33.94	62.107	
10,700.00	7,305.57	7,283.37	7,282.42	56.97	15.87	-78.10	250.25	-405.38	2,207.68	2,173.69	33.99	64.948	
10,800.00	7,304.97	7,281.81	7,280.86	58.55	15.87	-77.57	250.29	-405.39	2,307.41	2,273.37	34.04	67.776	
10,900.00	7,304.37	7,280.23	7,279.28	60.14	15.87	-77.04	250.33	-405.41	2,407.16	2,373.06	34.10	70.590	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-14 - 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	3.06	3.06	3.28	3.28	-172.97	-926.07	-114.27	933.09				
100.00	100.00	104.92	104.92	3.28	3.28	-172.97	-925.98	-114.12	932.99	925.63	7.36	126.829	
161.78	161.78	164.78	164.78	3.29	3.29	-172.98	-925.93	-114.04	932.93	925.56	7.37	126.504	CC, ES
200.00	200.00	201.99	201.99	3.31	3.30	-172.98	-925.95	-114.05	932.95	925.56	7.39	126.196	
300.00	300.00	301.41	301.41	3.35	3.32	118.38	-926.11	-113.92	933.30	925.84	7.46	125.030	
400.00	399.93	406.97	406.97	3.41	3.37	118.54	-926.01	-113.64	934.84	927.26	7.57	123.458	
500.00	499.68	507.82	507.82	3.50	3.42	118.85	-925.56	-113.37	937.72	930.00	7.72	121.538	
600.00	599.13	603.89	603.89	3.62	3.49	119.29	-925.27	-113.11	942.48	934.58	7.89	119.379	
700.00	698.15	703.19	703.19	3.76	3.57	119.90	-925.08	-113.04	949.20	941.08	8.12	116.937	
800.00	796.80	801.10	801.09	3.93	3.65	120.71	-924.89	-113.15	957.37	949.00	8.38	114.260	
900.00	895.43	900.09	900.08	4.14	3.75	121.55	-924.71	-113.26	965.83	957.16	8.67	111.356	
1,000.00	994.06	1,002.07	1,002.07	4.36	3.87	122.41	-924.34	-113.35	974.31	965.31	9.00	108.249	
1,100.00	1,092.69	1,102.17	1,102.16	4.61	3.98	123.23	-923.73	-113.42	982.74	973.39	9.35	105.084	
1,200.00	1,191.33	1,199.77	1,199.76	4.87	4.11	124.02	-923.15	-113.32	991.36	981.64	9.72	101.965	
1,300.00	1,289.96	1,297.78	1,297.77	5.14	4.24	124.78	-922.71	-113.00	1,000.24	990.13	10.11	98.914	
1,400.00	1,388.59	1,394.46	1,394.45	5.43	4.37	125.50	-922.43	-112.62	1,009.43	998.92	10.52	95.994	
1,500.00	1,487.22	1,491.59	1,491.58	5.73	4.52	126.22	-922.31	-112.28	1,018.97	1,008.04	10.93	93.205	
1,600.00	1,585.85	1,588.32	1,588.31	6.03	4.66	126.93	-922.33	-112.05	1,028.84	1,017.49	11.36	90.577	
1,700.00	1,684.48	1,687.06	1,687.05	6.34	4.81	127.64	-922.45	-111.86	1,038.98	1,027.18	11.80	88.067	
1,800.00	1,783.11	1,783.92	1,783.91	6.66	4.96	128.32	-922.63	-111.62	1,049.33	1,037.08	12.24	85.716	
1,900.00	1,881.75	1,882.69	1,882.68	6.84	5.12	129.01	-922.88	-111.55	1,059.93	1,047.59	12.35	85.841	
2,000.00	1,980.38	1,979.39	1,979.38	6.87	5.28	129.68	-923.09	-111.74	1,070.74	1,058.21	12.53	85.470	
2,100.00	2,079.01	2,077.15	2,077.13	6.93	5.44	130.35	-923.41	-112.10	1,081.85	1,069.12	12.73	84.995	
2,200.00	2,177.64	2,176.78	2,176.77	6.99	5.61	131.04	-923.61	-112.76	1,093.11	1,080.16	12.95	84.402	
2,300.00	2,276.27	2,273.52	2,273.50	7.08	5.78	131.70	-923.77	-113.44	1,104.49	1,091.31	13.19	83.762	
2,400.00	2,374.90	2,375.57	2,375.55	7.18	5.96	132.39	-923.95	-114.23	1,116.07	1,102.62	13.45	82.991	
2,500.00	2,473.53	2,476.61	2,476.58	7.29	6.14	133.06	-923.69	-115.07	1,127.40	1,113.68	13.72	82.147	
2,600.00	2,572.17	2,576.28	2,576.24	7.41	6.32	133.72	-923.22	-116.07	1,138.76	1,124.75	14.01	81.264	
2,700.00	2,670.80	2,671.95	2,671.91	7.55	6.49	134.35	-922.78	-117.10	1,150.30	1,135.99	14.31	80.392	
2,800.00	2,769.43	2,770.59	2,770.55	7.70	6.68	134.99	-922.44	-118.40	1,162.18	1,147.56	14.62	79.477	
2,900.00	2,868.06	2,866.86	2,866.79	7.86	6.86	135.63	-921.94	-119.98	1,174.20	1,159.25	14.94	78.569	
3,000.00	2,966.69	2,959.17	2,959.08	8.03	7.03	136.23	-921.71	-121.78	1,186.72	1,171.45	15.27	77.714	
3,100.00	3,065.32	3,055.63	3,055.52	8.21	7.22	136.85	-921.87	-123.86	1,199.84	1,184.23	15.61	76.840	
3,200.00	3,163.95	3,151.97	3,151.85	8.40	7.40	137.45	-922.01	-125.91	1,213.08	1,197.11	15.97	75.962	
3,300.00	3,262.59	3,248.78	3,248.63	8.60	7.59	138.02	-922.60	-127.75	1,226.75	1,210.42	16.34	75.099	
3,400.00	3,361.22	3,346.39	3,346.22	8.80	7.78	138.58	-923.21	-129.41	1,240.48	1,223.77	16.71	74.228	
3,500.00	3,459.85	3,440.63	3,440.45	9.02	7.96	139.10	-924.12	-130.97	1,254.59	1,237.50	17.09	73.412	
3,600.00	3,558.48	3,535.68	3,535.48	9.24	8.15	139.60	-925.41	-132.43	1,269.09	1,251.61	17.48	72.614	
3,700.00	3,657.11	3,629.80	3,629.58	9.46	8.33	140.07	-926.98	-133.82	1,283.92	1,266.05	17.87	71.848	
3,800.00	3,755.74	3,722.15	3,721.90	9.70	8.51	140.51	-929.04	-135.15	1,299.32	1,281.05	18.27	71.134	
3,900.00	3,854.37	3,819.83	3,819.53	9.94	8.71	140.95	-931.59	-136.31	1,315.00	1,296.32	18.68	70.394	
4,000.00	3,953.01	3,917.51	3,917.17	10.18	8.90	141.38	-934.23	-137.43	1,330.80	1,311.70	19.10	69.670	
4,100.00	4,051.64	4,016.62	4,016.24	10.43	9.10	141.80	-936.95	-138.47	1,346.67	1,327.13	19.53	68.948	
4,200.00	4,150.27	4,118.51	4,118.09	10.68	9.30	142.24	-939.42	-139.85	1,362.49	1,342.52	19.97	68.215	
4,300.00	4,248.90	4,227.85	4,227.40	10.94	9.52	142.71	-941.31	-141.15	1,377.72	1,357.28	20.44	67.410	
4,400.00	4,347.53	4,330.84	4,330.38	11.20	9.73	143.13	-942.84	-141.94	1,392.59	1,371.70	20.89	66.657	
4,500.00	4,446.16	4,439.44	4,438.97	11.47	9.95	143.57	-943.89	-142.51	1,406.98	1,385.62	21.36	65.860	
4,600.00	4,544.79	4,542.73	4,542.27	11.74	10.16	144.00	-944.07	-143.07	1,420.78	1,398.95	21.83	65.098	
4,700.00	4,643.43	4,638.33	4,637.86	12.01	10.36	144.39	-944.20	-143.73	1,434.71	1,412.43	22.27	64.417	
4,800.00	4,742.06	4,738.03	4,737.55	12.28	10.56	144.79	-944.53	-144.39	1,448.84	1,426.11	22.73	63.734	
4,900.00	4,840.69	4,839.59	4,839.11	12.56	10.77	145.18	-944.58	-144.89	1,462.72	1,439.52	23.20	63.047	
5,000.00	4,939.32	4,936.30	4,935.82	12.84	10.97	145.56	-944.60	-145.60	1,476.77	1,453.11	23.66	62.418	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-14 - 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,033.98	5,033.50	13.12	11.17	145.94	-944.64	-146.23	1,490.86	1,466.74	24.12	61.802	
5,200.00	5,136.58	5,127.54	5,127.06	13.41	11.37	146.29	-944.82	-147.10	1,505.30	1,480.72	24.58	61.241	
5,300.00	5,235.22	5,223.95	5,223.46	13.69	11.57	146.66	-945.09	-148.21	1,520.00	1,494.95	25.05	60.689	
5,400.00	5,333.85	5,320.19	5,319.69	13.98	11.77	147.02	-945.42	-149.46	1,534.89	1,509.37	25.51	60.160	
5,500.00	5,432.48	5,416.06	5,415.55	14.27	11.96	147.38	-945.79	-150.94	1,550.01	1,524.03	25.98	59.658	
5,600.00	5,531.11	5,515.37	5,514.84	14.57	12.17	147.74	-946.19	-152.50	1,565.24	1,538.78	26.46	59.153	
5,700.00	5,629.74	5,618.83	5,618.29	14.86	12.39	148.11	-946.49	-154.05	1,580.39	1,553.43	26.95	58.637	
5,800.00	5,728.37	5,731.89	5,731.34	15.16	12.62	148.54	-945.72	-155.83	1,594.88	1,567.41	27.47	58.065	
5,900.00	5,827.00	5,834.27	5,833.70	15.45	12.84	148.92	-944.34	-157.24	1,608.80	1,580.84	27.96	57.548	
6,000.00	5,925.64	5,929.04	5,928.45	15.75	13.03	149.28	-943.07	-158.78	1,622.94	1,594.51	28.43	57.090	
6,100.00	6,024.27	6,028.26	6,027.63	16.05	13.24	149.67	-941.47	-160.75	1,637.16	1,608.25	28.91	56.627	
6,200.00	6,122.90	6,125.85	6,125.19	16.35	13.44	150.05	-939.73	-162.95	1,651.49	1,622.10	29.39	56.188	
6,300.00	6,221.53	6,221.69	6,220.98	16.66	13.64	150.43	-937.94	-165.22	1,665.91	1,636.04	29.87	55.772	
6,400.00	6,320.16	6,309.19	6,308.45	16.96	13.83	150.75	-936.84	-167.35	1,680.90	1,650.57	30.33	55.423	
6,500.00	6,418.79	6,411.99	6,411.23	17.26	14.04	151.10	-936.20	-169.32	1,696.10	1,665.27	30.83	55.018	
6,600.00	6,517.42	6,508.04	6,507.27	17.57	14.25	151.40	-935.99	-170.65	1,711.32	1,680.01	31.31	54.652	
6,700.00	6,616.13	6,607.55	6,606.77	17.86	14.46	158.74	-935.95	-171.83	1,726.25	1,694.45	31.80	54.291	
6,800.00	6,715.79	6,701.27	6,700.48	18.05	14.65	-102.80	-936.23	-172.82	1,733.94	1,701.77	32.17	53.902	
6,900.00	6,814.75	6,809.60	6,808.81	18.17	14.88	-66.55	-936.66	-173.62	1,731.30	1,698.76	32.54	53.205	
7,000.00	6,910.58	6,902.53	6,901.74	18.23	15.08	-61.17	-936.98	-174.16	1,718.64	1,685.80	32.84	52.339	
7,100.00	7,000.92	6,991.01	6,990.21	18.24	15.27	-61.10	-937.43	-174.65	1,697.00	1,663.90	33.10	51.268	
7,200.00	7,083.54	7,074.59	7,073.80	18.23	15.44	-63.42	-937.96	-175.05	1,667.57	1,634.22	33.35	50.003	
7,300.00	7,156.41	7,146.57	7,145.77	18.22	15.59	-67.20	-938.46	-175.32	1,631.94	1,598.34	33.59	48.582	
7,400.00	7,217.74	7,206.30	7,205.50	18.25	15.72	-71.91	-938.95	-175.54	1,592.13	1,558.27	33.85	47.029	
7,500.00	7,266.01	7,255.32	7,243.88	18.35	15.82	-76.75	-939.39	-175.78	1,550.40	1,516.24	34.16	45.387	
7,600.00	7,300.04	7,279.50	7,278.69	18.55	15.87	-81.84	-939.87	-176.08	1,508.81	1,474.29	34.52	43.712	
7,700.00	7,318.98	7,299.29	7,298.47	18.85	15.91	-86.36	-940.14	-176.25	1,469.30	1,434.33	34.97	42.019	
7,800.00	7,322.85	7,304.02	7,303.21	19.26	15.92	-89.16	-940.20	-176.29	1,433.71	1,398.23	35.48	40.410	
7,900.00	7,322.26	7,304.30	7,303.49	19.79	15.92	-89.17	-940.21	-176.30	1,403.96	1,367.87	36.09	38.899	
8,000.00	7,321.66	7,304.58	7,303.77	20.45	15.92	-89.18	-940.21	-176.30	1,380.82	1,344.01	36.81	37.511	
8,100.00	7,321.06	7,304.86	7,304.04	21.22	15.92	-89.20	-940.21	-176.30	1,364.64	1,327.03	37.62	36.279	
8,200.00	7,320.47	7,305.14	7,304.32	22.09	15.92	-89.21	-940.22	-176.30	1,355.66	1,317.18	38.48	35.232	
8,272.14	7,320.04	7,305.34	7,304.52	22.78	15.92	-89.22	-940.22	-176.31	1,353.74	1,314.61	39.13	34.597	
8,300.00	7,319.87	7,305.41	7,304.60	23.05	15.92	-89.22	-940.22	-176.31	1,354.03	1,314.66	39.37	34.392	
8,400.00	7,319.28	7,305.69	7,304.88	24.08	15.92	-89.23	-940.23	-176.31	1,359.77	1,319.51	40.26	33.773	
8,500.00	7,318.68	7,305.97	7,305.16	25.18	15.93	-89.24	-940.23	-176.31	1,372.78	1,331.66	41.12	33.381	
8,600.00	7,318.08	7,306.25	7,305.43	26.35	15.93	-89.25	-940.23	-176.31	1,392.88	1,350.94	41.94	33.214	SF
8,700.00	7,317.49	7,306.53	7,305.71	27.56	15.93	-89.27	-940.24	-176.32	1,419.75	1,377.06	42.68	33.263	
8,800.00	7,316.89	7,306.80	7,305.99	28.82	15.93	-89.28	-940.24	-176.32	1,453.01	1,409.66	43.35	33.518	
8,900.00	7,316.29	7,307.08	7,306.27	30.12	15.93	-89.29	-940.24	-176.32	1,492.25	1,448.32	43.94	33.962	
9,000.00	7,315.70	7,307.36	7,306.55	31.46	15.93	-89.30	-940.25	-176.32	1,537.01	1,492.56	44.45	34.582	
9,100.00	7,315.10	7,307.64	7,306.82	32.82	15.93	-89.31	-940.25	-176.33	1,586.81	1,541.93	44.88	35.360	
9,200.00	7,314.51	7,307.92	7,307.10	34.22	15.93	-89.33	-940.26	-176.33	1,641.20	1,595.96	45.24	36.281	
9,300.00	7,313.91	7,308.19	7,307.38	35.64	15.93	-89.34	-940.26	-176.33	1,699.74	1,654.20	45.53	37.330	
9,400.00	7,313.31	7,308.47	7,307.66	37.08	15.93	-89.35	-940.26	-176.33	1,762.01	1,716.23	45.77	38.494	
9,500.00	7,312.72	7,308.75	7,307.94	38.53	15.93	-89.36	-940.27	-176.34	1,827.63	1,781.67	45.97	39.760	
9,600.00	7,312.12	7,309.03	7,308.21	40.01	15.93	-89.37	-940.27	-176.34	1,896.26	1,850.14	46.12	41.116	
9,700.00	7,311.53	7,309.31	7,308.49	41.50	15.93	-89.38	-940.27	-176.34	1,967.58	1,921.34	46.24	42.552	
9,800.00	7,310.93	7,309.58	7,308.77	43.00	15.93	-89.40	-940.28	-176.34	2,041.31	1,994.98	46.33	44.060	
9,900.00	7,310.33	7,309.86	7,309.05	44.52	15.93	-89.41	-940.28	-176.35	2,117.20	2,070.80	46.40	45.630	
10,000.00	7,309.74	7,310.14	7,309.33	46.05	15.93	-89.42	-940.29	-176.35	2,195.02	2,148.57	46.45	47.257	
10,100.00	7,309.14	7,310.42	7,309.61	47.58	15.93	-89.43	-940.29	-176.35	2,274.57	2,228.09	46.48	48.934	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-14 - 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			Offset Wellbore Centre		Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,308.55	7,310.70	7,309.88	49.13	15.93	-89.44	-940.29	-176.35	2,355.68	2,309.18	46.50	50.655	
10,300.00	7,307.95	7,310.98	7,310.16	50.68	15.94	-89.46	-940.30	-176.36	2,438.20	2,391.68	46.52	52.415	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-41 - Petro Canada DA Well - No Surveys

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	175.51	-2,343.59	184.06	2,350.86				
100.00	100.00	83.00	83.00	3.28	3.59	175.51	-2,343.59	184.06	2,350.80	2,343.13	7.67	306.539	
200.00	200.00	183.00	183.00	3.31	5.74	175.51	-2,343.59	184.06	2,350.80	2,340.96	9.84	238.940	
200.00	200.00	183.00	183.00	3.31	5.74	175.51	-2,343.59	184.06	2,350.80	2,340.96	9.84	238.940	CC
300.00	300.00	283.00	283.00	3.35	8.88	106.87	-2,343.59	184.06	2,350.93	2,337.91	13.02	180.504	
400.00	399.93	382.93	382.93	3.41	12.24	106.93	-2,343.59	184.06	2,351.95	2,335.50	16.45	142.988	
500.00	499.68	482.68	482.68	3.50	15.68	107.05	-2,343.59	184.06	2,353.99	2,334.02	19.97	117.877	
600.00	599.13	582.13	582.13	3.62	19.14	107.23	-2,343.59	184.06	2,357.09	2,333.54	23.54	100.115	ES
700.00	698.15	681.15	681.15	3.76	22.60	107.47	-2,343.59	184.06	2,361.27	2,334.12	27.15	86.962	
800.00	796.80	779.80	779.80	3.93	26.07	107.82	-2,343.59	184.06	2,366.30	2,335.51	30.79	76.847	
900.00	895.43	878.43	878.43	4.14	29.54	108.20	-2,343.59	184.06	2,371.46	2,337.00	34.46	68.810	
1,000.00	994.06	977.06	977.06	4.36	33.01	108.57	-2,343.59	184.06	2,376.73	2,338.57	38.16	62.279	
1,100.00	1,092.69	1,075.69	1,075.69	4.61	36.49	108.94	-2,343.59	184.06	2,382.10	2,340.21	41.88	56.874	
1,200.00	1,191.33	1,174.33	1,174.33	4.87	39.97	109.31	-2,343.59	184.06	2,387.57	2,341.94	45.62	52.333	
1,300.00	1,289.96	1,272.96	1,272.96	5.14	43.46	109.68	-2,343.59	184.06	2,393.14	2,343.76	49.38	48.466	
1,400.00	1,388.59	1,371.59	1,371.59	5.43	46.94	110.05	-2,343.59	184.06	2,398.81	2,345.66	53.14	45.137	
1,500.00	1,487.22	1,470.22	1,470.22	5.73	50.43	110.41	-2,343.59	184.06	2,404.58	2,347.66	56.92	42.243	
1,600.00	1,585.85	1,568.85	1,568.85	6.03	53.92	110.78	-2,343.59	184.06	2,410.45	2,349.74	60.71	39.705	
1,700.00	1,684.48	1,667.48	1,667.48	6.34	57.41	111.14	-2,343.59	184.06	2,416.42	2,351.91	64.50	37.462	
1,800.00	1,783.11	1,766.11	1,766.11	6.66	60.89	111.50	-2,343.59	184.06	2,422.48	2,354.18	68.30	35.466	
1,900.00	1,881.75	1,864.75	1,864.75	6.84	64.38	111.85	-2,343.59	184.06	2,428.64	2,356.89	71.76	33.846	
2,000.00	1,980.38	1,963.38	1,963.38	6.87	67.87	112.21	-2,343.59	184.06	2,434.90	2,359.62	75.28	32.345	
2,100.00	2,079.01	2,062.01	2,062.01	6.93	71.37	112.56	-2,343.59	184.06	2,441.26	2,362.44	78.82	30.973	
2,200.00	2,177.64	2,160.64	2,160.64	6.99	74.86	112.92	-2,343.59	184.06	2,447.70	2,365.33	82.37	29.715	
2,300.00	2,276.27	2,259.27	2,259.27	7.08	78.35	113.27	-2,343.59	184.06	2,454.25	2,368.30	85.94	28.557	
2,400.00	2,374.90	2,357.90	2,357.90	7.18	81.84	113.61	-2,343.59	184.06	2,460.88	2,371.35	89.53	27.488	
2,500.00	2,473.53	2,456.53	2,456.53	7.29	85.33	113.96	-2,343.59	184.06	2,467.61	2,374.48	93.13	26.498	
2,600.00	2,572.17	2,555.17	2,555.17	7.41	88.82	114.31	-2,343.59	184.06	2,474.43	2,377.69	96.74	25.579	
2,700.00	2,670.80	2,653.80	2,653.80	7.55	92.32	114.65	-2,343.59	184.06	2,481.34	2,380.97	100.36	24.724	
2,800.00	2,769.43	2,752.43	2,752.43	7.70	95.81	114.99	-2,343.59	184.06	2,488.34	2,384.34	104.00	23.927	
2,900.00	2,868.06	2,851.06	2,851.06	7.86	99.30	115.33	-2,343.59	184.06	2,495.43	2,387.78	107.65	23.182	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-41X - Noble P&A Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7100-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	0.00	0.00	3.28	3.28	175.94	-2,031.01	144.30	2,036.15				
100.00	100.00	115.51	115.50	3.28	3.28	175.94	-2,030.33	144.11	2,035.58	2,028.23	7.36	276.706	
200.00	200.00	211.78	211.78	3.31	3.30	175.95	-2,029.36	143.75	2,034.55	2,027.16	7.40	275.107	
300.00	300.00	308.47	308.46	3.35	3.33	107.32	-2,028.45	143.68	2,033.74	2,026.27	7.47	272.307	
326.52	326.51	333.70	333.69	3.36	3.34	107.33	-2,028.24	143.72	2,033.70	2,026.20	7.49	271.405	CC, ES
400.00	399.93	403.59	403.58	3.41	3.37	107.39	-2,027.73	143.90	2,034.04	2,026.47	7.57	268.583	
500.00	499.68	494.31	494.29	3.50	3.42	107.52	-2,027.36	144.05	2,035.74	2,028.03	7.71	263.997	
600.00	599.13	601.01	600.99	3.62	3.49	107.77	-2,027.00	144.11	2,038.60	2,030.70	7.90	258.129	
700.00	698.15	683.46	683.44	3.76	3.56	107.99	-2,026.90	144.20	2,042.79	2,034.68	8.11	252.011	
800.00	796.80	775.68	775.66	3.93	3.63	108.37	-2,027.35	144.25	2,048.45	2,040.09	8.36	245.023	
900.00	895.43	882.52	882.50	4.14	3.73	108.84	-2,027.84	144.24	2,054.24	2,045.58	8.66	237.137	
1,000.00	994.06	976.49	976.47	4.36	3.83	109.24	-2,028.06	144.44	2,059.93	2,050.95	8.98	229.279	
1,100.00	1,092.69	1,079.33	1,079.30	4.61	3.95	109.69	-2,028.46	144.33	2,065.89	2,056.54	9.34	221.122	
1,200.00	1,191.33	1,178.69	1,178.67	4.87	4.07	110.13	-2,028.63	143.78	2,071.73	2,062.01	9.72	213.114	
1,300.00	1,289.96	1,276.71	1,276.69	5.14	4.20	110.56	-2,028.82	143.44	2,077.73	2,067.61	10.12	205.347	
1,400.00	1,388.59	1,382.84	1,382.81	5.43	4.34	111.01	-2,028.89	143.40	2,083.72	2,073.18	10.54	197.619	
1,500.00	1,487.22	1,479.72	1,479.69	5.73	4.48	111.43	-2,028.74	143.03	2,089.60	2,078.63	10.97	190.432	
1,600.00	1,585.85	1,577.18	1,577.15	6.03	4.63	111.86	-2,028.71	142.37	2,095.73	2,084.31	11.42	183.587	
1,700.00	1,684.48	1,677.54	1,677.51	6.34	4.78	112.29	-2,028.65	141.75	2,101.95	2,090.08	11.87	177.024	
1,800.00	1,783.11	1,763.78	1,763.75	6.66	4.92	112.66	-2,028.74	141.38	2,108.45	2,096.14	12.32	171.154	
1,900.00	1,881.75	1,856.90	1,856.87	6.84	5.07	113.07	-2,029.41	140.70	2,115.68	2,103.25	12.43	170.234	
2,000.00	1,980.38	1,966.18	1,966.14	6.87	5.25	113.53	-2,030.00	140.01	2,122.85	2,110.21	12.64	167.942	
2,100.00	2,079.01	2,063.23	2,063.19	6.93	5.42	113.95	-2,030.11	139.18	2,129.73	2,116.88	12.85	165.726	
2,200.00	2,177.64	2,162.38	2,162.33	6.99	5.59	114.38	-2,030.45	138.08	2,136.96	2,123.87	13.08	163.334	
2,300.00	2,276.27	2,269.46	2,269.40	7.08	5.78	114.84	-2,030.49	136.97	2,144.01	2,130.66	13.35	160.628	
2,400.00	2,374.90	2,370.79	2,370.73	7.18	5.96	115.28	-2,030.20	135.72	2,150.87	2,137.25	13.62	157.936	
2,500.00	2,473.53	2,475.74	2,475.66	7.29	6.15	115.74	-2,029.73	134.15	2,157.72	2,143.81	13.91	155.096	
2,600.00	2,572.17	2,574.01	2,573.92	7.41	6.33	116.15	-2,029.10	133.19	2,164.45	2,150.24	14.21	152.329	
2,700.00	2,670.80	2,673.37	2,673.28	7.55	6.51	116.56	-2,028.53	132.33	2,171.36	2,156.84	14.52	149.519	
2,800.00	2,769.43	2,766.75	2,766.65	7.70	6.69	116.95	-2,028.00	131.28	2,178.41	2,163.57	14.84	146.814	
2,900.00	2,868.06	2,855.39	2,855.29	7.86	6.86	117.34	-2,027.78	129.83	2,185.94	2,170.78	15.16	144.223	
3,000.00	2,966.69	2,943.39	2,943.26	8.03	7.02	117.72	-2,027.94	127.99	2,194.07	2,178.58	15.49	141.686	
3,100.00	3,065.32	3,035.62	3,035.47	8.21	7.20	118.12	-2,028.50	126.00	2,202.73	2,186.90	15.83	139.121	
3,200.00	3,163.95	3,129.88	3,129.70	8.40	7.38	118.54	-2,029.12	123.61	2,211.63	2,195.43	16.20	136.561	
3,300.00	3,262.59	3,220.87	3,220.64	8.60	7.56	118.94	-2,030.05	120.97	2,221.05	2,204.49	16.56	134.122	
3,400.00	3,361.22	3,330.40	3,330.13	8.80	7.78	119.43	-2,030.89	117.72	2,230.37	2,213.40	16.97	131.420	
3,500.00	3,459.85	3,430.69	3,430.38	9.02	7.97	119.86	-2,031.48	115.37	2,239.55	2,222.18	17.37	128.913	
3,600.00	3,558.48	3,524.81	3,524.49	9.24	8.16	120.23	-2,032.16	113.97	2,248.85	2,231.08	17.77	126.557	
3,700.00	3,657.11	3,609.10	3,608.77	9.46	8.33	120.57	-2,033.16	112.69	2,258.71	2,240.55	18.15	124.426	
3,800.00	3,755.74	3,690.75	3,690.39	9.70	8.49	120.89	-2,034.65	111.22	2,269.34	2,250.80	18.54	122.422	
3,900.00	3,854.37	3,800.90	3,800.49	9.94	8.71	121.33	-2,036.81	109.02	2,280.25	2,261.27	18.99	120.089	
4,000.00	3,953.01	3,886.38	3,885.94	10.18	8.88	121.66	-2,038.47	107.38	2,291.22	2,271.83	19.39	118.153	
4,100.00	4,051.64	3,981.72	3,981.24	10.43	9.07	122.03	-2,040.73	105.85	2,302.66	2,282.83	19.82	116.161	
4,200.00	4,150.27	4,078.42	4,077.90	10.68	9.27	122.39	-2,043.10	104.39	2,314.24	2,293.98	20.26	114.217	
4,300.00	4,248.90	4,164.42	4,163.86	10.94	9.44	122.71	-2,045.35	102.80	2,326.17	2,305.49	20.68	112.476	
4,400.00	4,347.53	4,255.99	4,255.36	11.20	9.63	123.07	-2,048.11	100.40	2,338.71	2,317.60	21.12	110.748	
4,500.00	4,446.16	4,354.21	4,353.50	11.47	9.83	123.45	-2,051.11	97.80	2,351.41	2,329.84	21.57	109.001	
4,600.00	4,544.79	4,452.28	4,451.49	11.74	10.03	123.82	-2,054.10	95.19	2,364.21	2,342.18	22.03	107.313	
4,700.00	4,643.43	4,571.45	4,570.57	12.01	10.27	124.28	-2,057.41	92.08	2,376.88	2,354.34	22.54	105.444	
4,800.00	4,742.06	4,671.83	4,670.90	12.28	10.48	124.65	-2,059.37	89.61	2,388.78	2,365.77	23.01	103.804	
4,900.00	4,840.69	4,775.33	4,774.34	12.56	10.69	125.04	-2,061.47	87.02	2,400.88	2,377.39	23.49	102.194	
5,000.00	4,939.32	4,871.99	4,870.95	12.84	10.89	125.41	-2,063.10	84.20	2,412.85	2,388.89	23.96	100.697	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-41X - Noble P&A Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7100-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	4,979.76	4,978.66	13.12	11.11	125.81	-2,064.94	81.25	2,424.90	2,400.45	24.46	99.147	
5,200.00	5,136.58	5,089.55	5,088.41	13.41	11.34	126.20	-2,066.33	78.74	2,436.51	2,411.55	24.96	97.612	
5,300.00	5,235.22	5,203.26	5,202.09	13.69	11.58	126.61	-2,067.18	76.25	2,447.70	2,422.22	25.48	96.081	
5,400.00	5,333.85	5,294.44	5,293.25	13.98	11.77	126.93	-2,067.73	74.35	2,458.81	2,432.86	25.94	94.786	
5,500.00	5,432.48	5,390.85	5,389.64	14.27	11.97	127.27	-2,068.49	72.34	2,470.17	2,443.76	26.42	93.497	
5,600.00	5,531.11	5,487.07	5,485.83	14.57	12.17	127.60	-2,069.30	70.29	2,481.70	2,454.80	26.90	92.255	
5,700.00	5,629.74	5,585.15	5,583.88	14.86	12.38	127.94	-2,070.19	68.24	2,493.37	2,465.98	27.39	91.041	
7,800.00	7,322.85	7,312.19	7,310.71	19.26	18.05	-89.96	-2,065.02	46.44	2,491.68	2,453.91	37.78	65.961	
7,900.00	7,322.26	7,312.97	7,311.50	19.79	18.07	-89.98	-2,065.02	46.43	2,483.57	2,445.24	38.33	64.799	
8,000.00	7,321.66	7,313.76	7,312.28	20.45	18.08	-90.00	-2,065.02	46.42	2,479.46	2,440.48	38.98	63.603	
8,051.89	7,321.35	7,314.16	7,312.68	20.85	18.09	-90.01	-2,065.02	46.42	2,478.92	2,439.55	39.37	62.959	
8,100.00	7,321.06	7,314.54	7,313.06	21.22	18.10	-90.02	-2,065.02	46.41	2,479.39	2,439.66	39.73	62.406	
8,200.00	7,320.47	7,315.32	7,313.84	22.09	18.11	-90.03	-2,065.02	46.40	2,483.34	2,442.79	40.55	61.240	
8,300.00	7,319.87	7,316.11	7,314.63	23.05	18.13	-90.05	-2,065.02	46.39	2,491.31	2,449.88	41.43	60.132	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	25.00	25.00	3.28	3.29	13.50	748.29	179.59	769.54				
100.00	100.00	125.00	125.00	3.28	3.91	13.50	748.29	179.59	769.54	761.38	8.15	94.365	
105.56	105.56	130.56	130.56	3.28	4.02	13.50	748.29	179.59	769.54	761.27	8.27	93.096	
200.00	200.00	224.75	224.75	3.31	6.18	13.50	748.29	179.61	769.54	759.09	10.45	73.646	
300.00	300.00	324.79	324.78	3.35	7.93	-55.16	748.26	179.96	769.35	757.11	12.24	62.855	
400.00	399.93	424.93	424.93	3.41	10.80	-55.40	748.26	179.98	767.37	752.19	15.17	50.572	
500.00	499.68	520.86	520.86	3.50	13.98	-55.88	748.44	179.98	763.61	745.17	18.44	41.400	
600.00	599.13	622.78	622.78	3.62	17.45	-56.65	748.94	179.97	758.25	736.22	22.03	34.416	
700.00	698.15	723.15	723.15	3.76	20.92	-57.67	748.96	179.97	750.68	725.03	25.64	29.273	
800.00	796.80	821.29	821.29	3.93	23.35	-58.78	749.03	179.75	741.99	713.75	28.24	26.270	
900.00	895.43	920.25	920.24	4.14	25.53	-59.92	749.19	179.18	733.57	702.94	30.62	23.956	
1,000.00	994.06	1,018.68	1,018.68	4.36	27.18	-61.03	749.25	179.11	725.41	692.91	32.50	22.322	
1,100.00	1,092.69	1,121.76	1,121.75	4.61	27.19	-62.28	749.08	178.36	717.23	684.50	32.74	21.909	
1,200.00	1,191.33	1,221.23	1,221.22	4.87	27.19	-63.53	748.55	177.40	709.01	676.01	33.00	21.486	
1,300.00	1,289.96	1,319.43	1,319.41	5.14	27.20	-64.80	748.00	176.40	701.09	667.81	33.28	21.069	
1,400.00	1,388.59	1,418.75	1,418.72	5.43	27.21	-66.12	747.40	175.20	693.48	659.91	33.57	20.658	
1,500.00	1,487.22	1,517.34	1,517.30	5.73	27.22	-67.47	746.65	173.89	686.09	652.22	33.88	20.252	
1,600.00	1,585.85	1,612.88	1,612.83	6.03	27.23	-68.81	746.16	172.56	679.34	645.15	34.20	19.865	
1,700.00	1,684.48	1,708.25	1,708.19	6.34	27.25	-70.12	746.12	171.87	673.45	638.92	34.53	19.505	
1,800.00	1,783.11	1,806.35	1,806.29	6.66	27.27	-71.46	746.44	171.36	668.29	633.43	34.87	19.168	
1,900.00	1,881.75	1,908.57	1,908.51	6.84	27.29	-72.87	746.45	171.04	663.21	628.53	34.68	19.121	
2,000.00	1,980.38	2,010.02	2,009.96	6.87	27.31	-74.27	745.91	171.04	657.96	623.21	34.75	18.935	
2,100.00	2,079.01	2,107.90	2,107.83	6.93	27.34	-75.66	745.20	170.82	652.92	618.09	34.83	18.745	
2,200.00	2,177.64	2,205.90	2,205.83	6.99	27.37	-77.06	744.68	170.76	648.46	613.53	34.93	18.563	
2,300.00	2,276.27	2,308.33	2,308.26	7.08	27.40	-78.54	743.91	170.62	644.19	609.14	35.05	18.380	
2,400.00	2,374.90	2,414.16	2,414.08	7.18	27.43	-80.07	742.22	170.97	639.45	604.27	35.18	18.177	
2,500.00	2,473.53	2,525.08	2,524.95	7.29	27.48	-81.71	739.04	171.57	633.87	598.56	35.31	17.951	
2,600.00	2,572.17	2,652.77	2,652.32	7.41	27.53	-83.64	730.43	173.35	624.66	589.27	35.39	17.652	
2,700.00	2,670.80	2,774.55	2,773.41	7.55	27.59	-85.54	717.94	176.39	612.44	576.99	35.44	17.279	
2,800.00	2,769.43	2,900.63	2,897.89	7.70	27.66	-87.82	698.28	179.39	595.46	560.04	35.42	16.809	
2,900.00	2,868.06	2,979.77	2,975.99	7.86	27.71	-89.38	685.61	180.87	579.03	543.25	35.78	16.184	
3,000.00	2,966.69	3,093.51	3,088.23	8.03	27.79	-91.75	667.30	182.97	563.23	527.37	35.86	15.705	
3,100.00	3,065.32	3,199.18	3,192.00	8.21	27.88	-94.14	647.50	185.55	545.53	509.52	36.01	15.148	
3,200.00	3,163.95	3,290.03	3,281.19	8.40	27.95	-96.32	630.44	187.88	528.65	492.33	36.32	14.556	
3,300.00	3,262.59	3,377.33	3,367.21	8.60	28.03	-98.30	616.01	191.44	513.96	477.29	36.66	14.019	
3,400.00	3,361.22	3,462.85	3,451.85	8.80	28.10	-100.19	604.27	195.03	502.35	465.33	37.02	13.569	
3,500.00	3,459.85	3,569.95	3,557.87	9.02	28.20	-102.53	590.11	200.52	491.49	454.28	37.21	13.208	
3,600.00	3,558.48	3,676.47	3,662.98	9.24	28.32	-105.01	574.15	206.84	479.46	442.05	37.40	12.819	
3,700.00	3,657.11	3,783.13	3,767.92	9.46	28.45	-107.67	556.44	214.06	466.47	428.88	37.59	12.409	
3,800.00	3,755.74	3,890.74	3,873.17	9.70	28.60	-110.82	535.17	220.93	452.21	414.45	37.77	11.974	
3,900.00	3,854.37	3,994.68	3,974.21	9.94	28.77	-114.31	511.70	227.67	437.07	399.08	37.99	11.504	
4,000.00	3,953.01	4,090.86	4,067.34	10.18	28.94	-117.90	488.49	233.84	422.46	384.11	38.35	11.015	
4,100.00	4,051.64	4,174.05	4,148.14	10.43	29.09	-121.12	469.40	238.84	410.78	371.89	38.89	10.562	
4,200.00	4,150.27	4,261.77	4,234.21	10.68	29.22	-124.26	453.13	243.61	403.92	364.57	39.35	10.264	
4,300.00	4,248.90	4,355.71	4,326.75	10.94	29.36	-127.42	437.98	249.14	399.62	359.88	39.74	10.056	
4,400.00	4,347.53	4,450.03	4,419.87	11.20	29.51	-130.48	424.05	254.69	397.37	357.24	40.13	9.902	
4,470.26	4,416.83	4,517.19	4,486.21	11.39	29.61	-132.69	414.21	258.20	396.99	356.59	40.40	9.826	CC
4,500.00	4,446.16	4,546.38	4,515.03	11.47	29.66	-133.68	409.82	259.65	397.04	356.53	40.52	9.800	ES
4,600.00	4,544.79	4,641.31	4,608.70	11.74	29.83	-136.94	395.05	264.07	398.21	357.28	40.93	9.730	
4,700.00	4,643.43	4,738.15	4,704.28	12.01	30.00	-140.29	379.90	267.80	401.50	360.17	41.33	9.714	
4,800.00	4,742.06	4,833.06	4,798.09	12.28	30.16	-143.34	366.20	272.07	405.95	364.20	41.75	9.723	
4,900.00	4,840.69	4,926.40	4,890.42	12.56	30.32	-146.29	352.77	275.15	412.78	370.60	42.18	9.786	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,000.00	4,939.32	5,023.28	4,986.13	12.84	30.51	-149.38	338.02	277.70	421.32	378.70	42.62	9.886	
5,100.00	5,037.95	5,118.04	5,079.63	13.12	30.69	-152.39	322.78	280.07	431.12	388.05	43.06	10.011	
5,200.00	5,136.58	5,216.91	5,177.24	13.41	30.89	-155.34	307.20	282.16	442.56	399.04	43.51	10.170	
5,300.00	5,235.22	5,314.96	5,274.04	13.69	31.08	-158.12	291.85	285.06	454.29	410.32	43.97	10.332	
5,400.00	5,333.85	5,414.27	5,372.03	13.98	31.29	-160.82	275.98	288.10	466.96	422.52	44.44	10.507	
5,500.00	5,432.48	5,508.70	5,465.16	14.27	31.49	-163.27	260.82	291.24	480.34	435.44	44.91	10.696	
5,600.00	5,531.11	5,607.68	5,563.19	14.57	31.68	-165.41	247.32	293.95	494.90	449.52	45.38	10.907	
5,700.00	5,629.74	5,709.96	5,664.47	14.86	31.89	-167.49	233.53	297.56	509.31	463.46	45.85	11.108	
5,800.00	5,728.37	5,806.50	5,760.16	15.16	32.08	-169.27	221.34	301.31	523.82	477.50	46.31	11.311	
5,900.00	5,827.00	5,898.83	5,851.69	15.45	32.27	-170.87	209.60	304.33	539.41	492.65	46.77	11.534	
6,000.00	5,925.64	5,995.58	5,947.36	15.75	32.49	-172.64	195.51	307.27	556.10	508.84	47.26	11.767	
6,100.00	6,024.27	6,090.19	6,040.60	16.05	32.72	-174.46	179.82	310.49	573.50	525.75	47.76	12.009	
6,200.00	6,122.90	6,184.73	6,133.81	16.35	32.95	-176.16	164.26	313.27	591.86	543.61	48.25	12.266	
6,300.00	6,221.53	6,272.32	6,219.95	16.66	33.18	-177.75	148.55	315.51	611.56	562.84	48.72	12.552	
6,400.00	6,320.16	6,369.12	6,314.51	16.96	33.46	-179.68	128.04	318.21	632.72	583.45	49.27	12.842	
6,500.00	6,418.79	6,461.38	6,404.20	17.26	33.76	178.41	106.71	321.65	654.46	604.66	49.80	13.141	
6,600.00	6,517.42	6,525.89	6,466.04	17.57	34.02	176.88	88.58	324.11	679.05	628.93	50.12	13.547	
6,700.00	6,616.13	6,580.49	6,516.60	17.86	34.26	-177.59	68.11	325.62	709.06	658.82	50.23	14.115	
6,800.00	6,715.79	6,649.12	6,578.67	18.05	34.62	-80.93	38.83	325.93	734.99	684.63	50.35	14.597	
6,900.00	6,814.75	6,695.28	6,619.88	18.17	34.88	-45.05	18.05	325.67	752.44	702.50	49.94	15.068	
7,000.00	6,910.58	6,729.12	6,649.31	18.23	35.08	-38.89	1.46	323.75	765.18	716.14	49.04	15.604	
7,100.00	7,000.92	6,761.00	6,676.27	18.24	35.27	-37.20	-15.22	320.45	773.77	725.91	47.86	16.167	
7,200.00	7,083.54	6,800.64	6,709.15	18.23	35.52	-37.48	-36.43	314.13	778.19	731.48	46.71	16.659	
7,300.00	7,156.41	6,854.00	6,752.78	18.22	35.85	-39.30	-64.35	301.42	778.51	732.56	45.94	16.946	
7,400.00	7,217.74	6,890.78	6,782.44	18.25	36.05	-40.90	-82.94	290.14	774.23	729.40	44.83	17.269	
7,500.00	7,266.01	6,946.21	6,826.64	18.35	36.37	-44.02	-109.48	269.82	765.60	721.07	44.53	17.193	
7,600.00	7,300.04	6,993.07	6,863.08	18.55	36.61	-47.18	-130.55	249.26	753.38	709.00	44.38	16.977	
7,700.00	7,318.98	7,043.00	6,900.33	18.85	36.89	-50.98	-151.66	223.60	738.78	693.92	44.86	16.470	
7,800.00	7,322.85	7,115.14	6,951.15	19.26	37.23	-56.24	-178.29	179.96	722.10	675.71	46.39	15.566	
7,900.00	7,322.26	7,248.32	7,031.23	19.79	37.75	-63.12	-208.05	78.72	707.17	658.13	49.05	14.418	
8,000.00	7,321.66	7,356.77	7,084.32	20.45	38.11	-67.34	-213.05	-15.59	688.29	637.18	51.10	13.469	
8,100.00	7,321.06	7,419.00	7,107.70	21.22	38.38	-69.28	-215.58	-73.17	676.20	623.44	52.76	12.817	
8,200.00	7,320.47	7,459.29	7,119.65	22.09	38.63	-70.34	-218.57	-111.52	671.26	616.76	54.50	12.316	
8,214.12	7,320.38	7,466.79	7,121.66	22.22	38.68	-70.53	-219.27	-118.72	671.19	616.40	54.79	12.251	
8,300.00	7,319.87	7,513.05	7,132.52	23.05	39.03	-71.57	-224.66	-163.35	673.84	617.31	56.53	11.920	
8,400.00	7,319.28	7,605.31	7,148.09	24.08	39.96	-73.17	-236.51	-253.48	680.72	621.58	59.14	11.511	
8,500.00	7,318.68	7,693.79	7,156.99	25.18	42.29	-74.18	-247.32	-340.84	689.29	628.05	61.24	11.255	
8,600.00	7,318.08	7,786.76	7,162.69	26.35	42.89	-74.93	-258.60	-432.94	699.03	635.74	63.28	11.046	
8,700.00	7,317.49	7,901.36	7,164.72	27.56	43.81	-75.41	-271.61	-546.77	709.33	643.68	65.65	10.805	
8,800.00	7,316.89	8,026.38	7,165.02	28.82	45.05	-75.65	-279.80	-671.51	715.12	646.77	68.36	10.461	
8,900.00	7,316.29	8,154.32	7,166.46	30.12	46.62	-75.89	-283.73	-799.37	717.35	645.91	71.45	10.040	
9,000.00	7,315.70	8,255.15	7,167.67	31.46	48.11	-76.06	-285.28	-900.18	718.19	643.56	74.63	9.623	
9,100.00	7,315.10	8,360.59	7,169.41	32.82	49.89	-76.25	-286.30	-1,005.60	718.36	640.30	78.06	9.202	
9,157.40	7,314.76	8,419.44	7,170.99	33.62	50.97	-76.41	-286.77	-1,064.43	718.24	638.14	80.10	8.967	
9,200.00	7,314.51	8,453.33	7,171.49	34.22	51.65	-76.47	-287.19	-1,098.31	718.43	636.85	81.58	8.807	
9,300.00	7,313.91	8,547.45	7,170.50	35.64	53.59	-76.47	-288.98	-1,192.40	720.14	634.95	85.19	8.453	
9,400.00	7,313.31	8,654.11	7,169.66	37.08	55.97	-76.48	-290.51	-1,299.05	721.35	632.28	89.07	8.099	
9,500.00	7,312.72	8,764.60	7,171.82	38.53	58.59	-76.71	-291.63	-1,409.51	721.54	628.35	93.19	7.743	
9,600.00	7,312.12	8,860.42	7,174.31	40.01	60.98	-76.95	-291.96	-1,505.30	720.93	623.68	97.26	7.413	
9,700.00	7,311.53	8,965.75	7,175.92	41.50	63.71	-77.13	-292.46	-1,610.61	720.71	619.20	101.51	7.100	
9,764.55	7,311.14	9,024.48	7,176.81	42.47	65.28	-77.22	-292.56	-1,669.34	720.37	616.18	104.19	6.914	
9,800.00	7,310.93	9,055.65	7,176.78	43.00	66.12	-77.24	-292.76	-1,700.51	720.47	614.84	105.64	6.820	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
9,900.00	7,310.33	9,160.02	7,175.69	44.52	68.99	-77.21	-293.40	-1,804.87	720.95	610.98	109.97	6.556	
10,000.00	7,309.74	9,270.87	7,175.03	46.05	72.11	-77.19	-292.80	-1,915.71	720.20	605.75	114.45	6.293	
10,100.00	7,309.14	9,370.73	7,174.46	47.58	74.99	-77.17	-291.67	-2,015.56	718.87	600.02	118.85	6.048	
10,200.00	7,308.55	9,477.93	7,173.72	49.13	78.13	-77.12	-289.56	-2,122.73	716.74	593.36	123.37	5.809	
10,300.00	7,307.95	9,567.05	7,173.42	50.68	80.77	-77.10	-287.68	-2,211.83	714.47	586.74	127.73	5.594	
10,321.36	7,307.82	9,581.41	7,173.50	51.02	81.20	-77.11	-287.68	-2,226.19	714.36	585.76	128.60	5.555	
10,400.00	7,307.35	9,639.00	7,174.49	52.24	82.94	-77.24	-289.27	-2,283.75	715.80	583.95	131.86	5.429	
10,500.00	7,306.76	9,734.89	7,177.60	53.81	85.85	-77.61	-293.97	-2,379.47	719.51	583.03	136.48	5.272	
10,600.00	7,306.16	9,813.36	7,179.13	55.39	88.27	-77.84	-298.64	-2,457.78	724.55	583.89	140.66	5.151	
10,700.00	7,305.57	9,906.04	7,178.41	56.97	91.13	-77.94	-305.61	-2,550.20	731.70	586.59	145.11	5.042	
10,800.00	7,304.97	10,002.08	7,176.85	58.55	94.13	-77.98	-313.19	-2,645.92	739.41	589.78	149.63	4.941	
10,900.00	7,304.37	10,099.78	7,174.43	60.14	97.19	-77.97	-321.12	-2,743.27	747.52	593.32	154.20	4.848	
11,000.00	7,303.78	10,236.51	7,173.38	61.74	101.51	-78.08	-329.53	-2,879.71	753.38	593.51	159.86	4.713	
11,100.00	7,303.18	10,351.77	7,172.26	63.34	105.18	-78.08	-332.06	-2,994.94	755.33	590.46	164.88	4.581	
11,200.00	7,302.59	10,454.81	7,170.23	64.94	108.47	-77.99	-333.11	-3,097.94	756.39	586.77	169.62	4.459	
11,300.00	7,301.99	10,556.32	7,168.80	66.55	111.73	-77.94	-333.98	-3,199.44	757.17	582.80	174.37	4.342	
11,400.00	7,301.39	10,660.54	7,168.24	68.16	115.09	-77.95	-334.73	-3,303.66	757.64	578.42	179.21	4.228	
11,500.00	7,300.80	10,766.30	7,168.29	69.77	118.51	-78.00	-334.85	-3,409.41	757.39	573.28	184.11	4.114	
11,600.00	7,300.20	10,871.26	7,170.66	71.38	121.92	-78.21	-334.70	-3,514.34	756.44	567.33	189.10	4.000	
11,700.00	7,299.61	10,973.39	7,173.97	73.00	125.25	-78.50	-334.27	-3,616.43	755.03	560.92	194.11	3.890	
11,761.52	7,299.24	11,023.28	7,174.91	74.00	126.88	-78.59	-334.33	-3,666.31	754.64	557.67	196.97	3.831	
11,800.00	7,299.01	11,055.67	7,174.83	74.62	127.93	-78.60	-334.56	-3,698.69	754.79	556.07	198.72	3.798	
11,900.00	7,298.41	11,158.82	7,173.38	76.25	131.32	-78.54	-335.29	-3,801.83	755.42	551.83	203.58	3.711	
12,000.00	7,297.82	11,253.53	7,171.90	77.87	134.43	-78.48	-336.01	-3,896.52	756.13	547.84	208.29	3.630	
12,100.00	7,297.22	11,338.29	7,171.25	79.50	137.22	-78.50	-337.98	-3,981.26	758.22	545.41	212.81	3.563	
12,200.00	7,296.63	11,421.11	7,171.25	81.13	139.95	-78.59	-341.82	-4,063.98	762.43	545.18	217.24	3.510	
12,300.00	7,296.03	11,515.62	7,171.25	82.76	143.07	-78.72	-347.78	-4,158.31	768.26	546.26	222.00	3.461	
12,400.00	7,295.43	11,618.71	7,171.25	84.39	146.48	-78.85	-354.32	-4,261.18	774.15	547.10	227.04	3.410	
12,500.00	7,294.84	11,712.12	7,171.25	86.03	161.99	-78.98	-360.59	-4,354.38	780.38	536.34	244.05	3.198	SF
12,600.00	7,294.24	11,718.00	7,171.25	87.66	163.44	-78.99	-361.00	-4,360.25	792.41	547.12	245.29	3.231	
12,700.00	7,293.65	11,718.00	7,171.25	89.30	163.44	-78.99	-361.00	-4,360.25	816.57	574.87	241.70	3.378	
12,800.00	7,293.05	11,718.00	7,171.25	90.94	163.44	-78.99	-361.00	-4,360.25	851.86	616.41	235.45	3.618	
12,900.00	7,292.45	11,718.00	7,171.25	92.58	163.44	-78.99	-361.00	-4,360.25	896.97	669.56	227.41	3.944	
13,000.00	7,291.86	11,718.00	7,171.25	94.22	163.44	-78.99	-361.00	-4,360.25	950.49	732.11	218.38	4.352	
13,100.00	7,291.26	11,718.00	7,171.25	95.86	163.44	-78.99	-361.00	-4,360.25	1,011.10	802.08	209.02	4.837	
13,200.00	7,290.67	11,718.00	7,171.25	97.50	163.44	-78.99	-361.00	-4,360.25	1,077.59	877.80	199.78	5.394	
13,300.00	7,290.07	11,718.00	7,171.25	99.15	163.44	-78.99	-361.00	-4,360.25	1,148.95	957.99	190.95	6.017	
13,400.00	7,289.47	11,718.00	7,171.25	100.80	163.44	-78.99	-361.00	-4,360.25	1,224.32	1,041.64	182.68	6.702	
13,500.00	7,288.88	11,718.00	7,171.25	102.44	163.44	-78.99	-361.00	-4,360.25	1,303.01	1,127.98	175.03	7.444	
13,600.00	7,288.28	11,718.00	7,171.25	104.09	163.44	-78.99	-361.00	-4,360.25	1,384.46	1,216.43	168.03	8.239	
13,700.00	7,287.69	11,718.00	7,171.25	105.74	163.44	-78.99	-361.00	-4,360.25	1,468.20	1,306.55	161.64	9.083	
13,800.00	7,287.09	11,718.00	7,171.25	107.39	163.44	-78.99	-361.00	-4,360.25	1,553.86	1,398.03	155.83	9.971	
13,900.00	7,286.49	11,718.00	7,171.25	109.04	163.44	-78.99	-361.00	-4,360.25	1,641.15	1,490.59	150.56	10.900	
14,000.00	7,285.90	11,718.00	7,171.25	110.69	163.44	-78.99	-361.00	-4,360.25	1,729.81	1,584.04	145.77	11.867	
14,100.00	7,285.30	11,718.00	7,171.25	112.34	163.44	-78.99	-361.00	-4,360.25	1,819.65	1,678.23	141.42	12.867	
14,200.00	7,284.71	11,718.00	7,171.25	113.99	163.44	-78.99	-361.00	-4,360.25	1,910.50	1,773.03	137.46	13.898	
14,300.00	7,284.11	11,718.00	7,171.25	115.64	163.44	-78.99	-361.00	-4,360.25	2,002.22	1,868.36	133.86	14.958	
14,400.00	7,283.51	11,718.00	7,171.25	117.30	163.44	-78.99	-361.00	-4,360.25	2,094.70	1,964.13	130.57	16.043	
14,500.00	7,282.92	11,718.00	7,171.25	118.95	163.44	-78.99	-361.00	-4,360.25	2,187.84	2,060.28	127.56	17.151	
14,600.00	7,282.32	11,718.00	7,171.25	120.61	163.44	-78.99	-361.00	-4,360.25	2,281.56	2,156.75	124.81	18.280	
14,700.00	7,281.73	11,718.00	7,171.25	122.26	163.44	-78.99	-361.00	-4,360.25	2,375.80	2,253.51	122.29	19.428	
14,800.00	7,281.13	11,718.00	7,171.25	123.92	163.44	-78.99	-361.00	-4,360.25	2,470.48	2,350.51	119.97	20.592	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DDC Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	25.00	25.00	3.28	3.29	12.70	784.72	176.81	804.39				
100.00	100.00	125.00	125.00	3.28	3.91	12.70	784.72	176.81	804.39	796.24	8.15	98.639	
200.00	200.00	225.00	225.00	3.31	6.55	12.70	784.72	176.81	804.39	793.57	10.82	74.354	
300.00	300.00	325.00	325.00	3.35	9.78	-55.98	784.72	176.81	804.15	790.06	14.09	57.066	
400.00	399.93	424.93	424.93	3.41	13.17	-56.22	784.72	176.81	802.20	784.66	17.55	45.722	
500.00	499.68	524.68	524.68	3.50	16.61	-56.70	784.72	176.81	798.34	777.26	21.08	37.872	
600.00	599.13	624.13	624.13	3.62	20.08	-57.43	784.72	176.81	792.63	767.97	24.66	32.142	
700.00	698.15	723.15	723.15	3.76	23.55	-58.40	784.72	176.81	785.19	756.92	28.27	27.772	
800.00	796.80	821.80	821.80	3.93	27.02	-59.46	784.72	176.81	776.65	744.74	31.91	24.337	
900.00	895.43	920.43	920.43	4.14	30.49	-60.51	784.72	176.81	768.32	732.74	35.58	21.594	
1,000.00	994.06	1,017.70	1,017.70	4.36	32.64	-61.56	784.72	176.82	760.26	722.30	37.95	20.032	
1,100.00	1,092.69	1,113.19	1,113.19	4.61	32.64	-62.59	785.10	177.24	752.90	714.70	38.19	19.713	
1,200.00	1,191.33	1,210.45	1,210.45	4.87	32.64	-63.66	785.73	177.67	746.06	707.61	38.45	19.402	
1,300.00	1,289.96	1,307.88	1,307.87	5.14	32.65	-64.74	786.55	178.14	739.69	700.96	38.73	19.099	
1,400.00	1,388.59	1,405.98	1,405.97	5.43	32.66	-65.86	787.51	178.55	733.73	694.71	39.02	18.804	
1,500.00	1,487.22	1,504.32	1,504.25	5.73	32.67	-66.79	788.43	181.61	728.12	688.79	39.32	18.516	
1,600.00	1,585.85	1,603.61	1,603.23	6.03	32.68	-67.39	789.32	189.24	722.76	683.12	39.64	18.234	
1,700.00	1,684.48	1,708.91	1,707.76	6.34	32.70	-67.67	789.84	201.83	717.19	677.22	39.97	17.945	
1,800.00	1,783.11	1,828.58	1,825.90	6.66	32.73	-67.61	788.33	220.79	709.98	669.69	40.29	17.621	
1,900.00	1,881.75	1,932.30	1,928.26	6.84	32.76	-67.55	784.68	237.16	700.46	660.36	40.11	17.465	
2,000.00	1,980.38	2,028.70	2,023.47	6.87	32.79	-67.54	781.53	251.90	691.21	651.03	40.18	17.203	
2,100.00	2,079.01	2,168.97	2,161.99	6.93	32.85	-67.60	773.51	272.37	679.59	639.44	40.16	16.924	
2,200.00	2,177.64	2,292.26	2,283.57	6.99	32.91	-67.91	759.67	287.28	662.23	622.10	40.13	16.502	
2,300.00	2,276.27	2,413.11	2,402.87	7.08	32.96	-68.73	742.69	296.34	642.19	602.11	40.07	16.025	
2,400.00	2,374.90	2,522.83	2,510.89	7.18	33.02	-69.88	724.09	300.87	619.32	579.23	40.09	15.450	
2,500.00	2,473.53	2,628.28	2,614.42	7.29	33.08	-71.10	704.47	304.95	595.04	554.90	40.13	14.826	
2,600.00	2,572.17	2,738.53	2,722.23	7.41	33.16	-72.49	681.88	309.43	569.14	529.03	40.12	14.187	
2,700.00	2,670.80	2,847.57	2,828.08	7.55	33.25	-73.75	656.64	316.38	540.74	500.65	40.09	13.487	
2,800.00	2,769.43	2,934.11	2,911.89	7.70	33.34	-74.84	635.88	322.16	511.78	471.36	40.43	12.660	
2,900.00	2,868.06	3,023.56	2,999.16	7.86	33.43	-76.25	616.78	326.50	485.71	444.98	40.73	11.925	
3,000.00	2,966.69	3,130.00	3,102.73	8.03	33.55	-78.12	592.78	331.93	458.85	418.10	40.75	11.260	
3,100.00	3,065.32	3,225.11	3,194.87	8.21	33.66	-80.01	569.77	336.91	430.78	389.80	40.98	10.513	
3,200.00	3,163.95	3,315.22	3,282.42	8.40	33.77	-82.04	548.94	341.45	404.28	362.97	41.32	9.785	
3,300.00	3,262.59	3,411.02	3,375.67	8.60	33.90	-84.43	527.54	346.37	379.12	337.57	41.55	9.124	
3,400.00	3,361.22	3,510.34	3,472.14	8.80	34.05	-87.24	504.58	351.86	353.86	312.15	41.71	8.483	
3,500.00	3,459.85	3,604.00	3,562.99	9.02	34.20	-90.14	482.60	357.93	328.83	286.81	42.02	7.826	
3,600.00	3,558.48	3,698.57	3,654.93	9.24	34.35	-93.49	461.28	363.92	305.67	263.36	42.31	7.224	
3,700.00	3,657.11	3,795.66	3,749.19	9.46	34.52	-97.62	438.70	369.47	283.36	240.80	42.55	6.659	
3,800.00	3,755.74	3,895.89	3,846.17	9.70	34.72	-102.84	413.95	374.66	261.78	219.07	42.71	6.129	
3,900.00	3,854.37	3,991.84	3,938.45	9.94	34.92	-108.97	388.11	379.57	240.76	197.72	43.04	5.593	
4,000.00	3,953.01	4,081.93	4,025.07	10.18	35.12	-115.89	363.59	383.00	223.67	180.01	43.66	5.123	
4,100.00	4,051.64	4,172.35	4,112.55	10.43	35.30	-123.38	340.92	385.86	212.68	168.38	44.31	4.800	
4,200.00	4,150.27	4,267.48	4,205.16	10.68	35.49	-131.20	319.49	389.30	207.25	162.40	44.85	4.621	
4,300.00	4,248.90	4,366.26	4,301.72	10.94	35.69	-138.74	299.57	395.35	204.82	159.48	45.34	4.517	
4,341.62	4,289.95	4,407.10	4,341.53	11.05	35.77	-141.99	290.83	398.03	204.57	158.99	45.57	4.489	CC
4,400.00	4,347.53	4,462.62	4,395.67	11.20	35.90	-146.36	279.12	401.75	205.34	159.40	45.94	4.470	
4,500.00	4,446.16	4,559.70	4,490.41	11.47	36.11	-153.74	259.04	408.46	209.50	162.95	46.54	4.501	
4,600.00	4,544.79	4,655.09	4,583.07	11.74	36.35	-161.10	237.46	415.30	216.95	169.76	47.19	4.597	
4,700.00	4,643.43	4,743.23	4,668.35	12.01	36.58	-167.80	215.78	420.51	229.51	181.71	47.80	4.801	
4,800.00	4,742.06	4,832.48	4,755.13	12.28	36.80	-173.40	195.09	422.41	248.57	200.30	48.27	5.150	
4,900.00	4,840.69	4,930.11	4,850.89	12.56	37.01	-177.80	176.08	422.66	270.48	221.72	48.76	5.547	
5,000.00	4,939.32	5,031.13	4,950.25	12.84	37.22	178.52	157.92	424.22	291.96	242.69	49.27	5.926	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DDC Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,129.59	5,047.31	13.12	37.42	175.60	141.51	426.50	313.14	263.40	49.74	6.296	
5,200.00	5,136.58	5,229.73	5,146.29	13.41	37.61	173.29	126.52	428.63	334.38	284.17	50.21	6.660	
5,300.00	5,235.22	5,332.14	5,248.00	13.69	37.79	171.75	114.68	430.42	354.70	304.03	50.67	7.000	
5,400.00	5,333.85	5,434.75	5,350.24	13.98	37.94	170.87	106.22	431.90	373.82	322.72	51.11	7.314	
5,500.00	5,432.48	5,534.36	5,449.67	14.27	38.06	170.44	100.42	432.87	392.19	340.69	51.51	7.614	
5,600.00	5,531.11	5,637.13	5,552.31	14.57	38.19	170.12	95.31	434.18	409.89	357.97	51.92	7.895	
5,700.00	5,629.74	5,740.57	5,655.55	14.86	38.33	169.63	89.52	437.24	426.51	374.16	52.34	8.148	
5,800.00	5,728.37	5,841.92	5,756.69	15.16	38.47	169.20	84.63	441.16	441.98	389.22	52.76	8.377	
5,900.00	5,827.00	5,934.75	5,849.42	15.45	38.58	169.01	80.89	443.45	458.22	405.08	53.14	8.622	
6,000.00	5,925.64	6,034.48	5,949.10	15.75	38.69	169.04	78.18	444.54	474.93	421.40	53.53	8.871	
6,100.00	6,024.27	6,136.23	6,050.85	16.05	38.79	169.28	77.21	445.22	491.07	437.15	53.92	9.107	
6,200.00	6,122.90	6,235.78	6,150.40	16.35	38.88	169.60	77.20	445.74	506.85	452.56	54.29	9.335	
6,300.00	6,221.53	6,335.86	6,250.47	16.66	38.96	169.94	77.56	446.17	522.54	467.87	54.67	9.559	
6,400.00	6,320.16	6,437.16	6,351.77	16.96	39.05	170.24	77.99	447.12	537.78	482.73	55.05	9.770	
6,500.00	6,418.79	6,530.11	6,444.71	17.26	39.14	170.49	78.32	448.02	553.06	497.65	55.41	9.981	
6,600.00	6,517.42	6,604.26	6,518.85	17.57	39.21	170.69	77.73	447.29	570.74	515.04	55.70	10.247	
6,700.00	6,616.13	6,668.00	6,582.40	17.86	39.28	177.92	75.12	443.31	593.74	537.92	55.82	10.637	
6,800.00	6,715.79	6,736.66	6,650.49	18.05	39.36	-83.56	70.35	435.94	612.28	556.50	55.78	10.977	
6,900.00	6,814.75	6,798.60	6,711.49	18.17	39.44	-46.90	64.58	426.96	622.21	566.73	55.49	11.214	
7,000.00	6,910.58	6,855.00	6,766.25	18.23	39.52	-40.69	57.66	415.37	625.54	570.63	54.91	11.392	
7,100.00	7,000.92	6,911.02	6,819.62	18.24	39.60	-39.36	49.45	400.48	622.64	568.49	54.15	11.498	
7,200.00	7,083.54	6,965.09	6,869.96	18.23	39.69	-39.95	40.45	382.96	613.92	560.69	53.23	11.533	
7,300.00	7,156.41	7,010.00	6,910.68	18.22	39.77	-41.57	30.66	366.78	600.81	548.79	52.03	11.548	
7,400.00	7,217.74	7,064.77	6,958.73	18.25	39.90	-44.74	16.04	344.96	584.65	533.40	51.25	11.408	
7,500.00	7,266.01	7,500.00	7,022.17	18.35	41.05	-50.08	-3.41	311.88	564.62	512.88	51.74	10.913	
7,600.00	7,300.04	7,182.00	7,058.07	18.55	40.17	-54.34	-14.03	290.58	542.23	491.08	51.15	10.600	
7,700.00	7,318.98	7,231.00	7,096.29	18.85	40.29	-59.48	-26.75	262.74	522.32	470.59	51.73	10.098	
7,800.00	7,322.85	7,271.76	7,125.51	19.26	40.40	-63.82	-37.24	236.34	506.60	453.81	52.79	9.597	
7,894.02	7,322.29	7,320.98	7,157.18	19.76	40.53	-67.71	-49.58	200.79	501.30	446.89	54.41	9.214	
7,900.00	7,322.26	7,325.00	7,159.56	19.79	40.54	-68.01	-50.58	197.71	501.32	446.79	54.52	9.194	
8,000.00	7,321.66	7,398.00	7,197.50	20.45	40.77	-72.79	-68.20	137.99	506.79	450.21	56.58	8.957	
8,100.00	7,321.06	7,649.39	7,251.34	21.22	43.79	-79.00	-70.83	-102.81	502.92	443.56	59.36	8.472	
8,200.00	7,320.47	7,750.27	7,251.88	22.09	44.21	-78.67	-50.88	-201.69	483.06	422.60	60.47	7.989	
8,300.00	7,319.87	7,850.07	7,253.02	23.05	44.48	-78.39	-31.05	-299.50	463.03	401.09	61.93	7.476	
8,400.00	7,319.28	7,950.76	7,254.54	24.08	44.85	-78.11	-10.59	-398.08	442.48	378.74	63.74	6.942	
8,500.00	7,318.68	8,048.94	7,256.50	25.18	45.38	-77.86	9.73	-494.11	421.48	355.62	65.86	6.399	
8,600.00	7,318.08	8,139.91	7,257.83	26.35	46.08	-77.56	27.96	-583.22	401.24	332.97	68.28	5.877	
8,700.00	7,317.49	8,224.12	7,258.27	27.56	46.96	-77.22	42.64	-666.14	383.76	312.81	70.95	5.409	
8,800.00	7,316.89	8,306.24	7,258.14	28.82	48.08	-76.88	53.69	-747.50	370.32	296.48	73.84	5.015	
8,900.00	7,316.29	8,392.09	7,257.05	30.12	49.49	-76.49	61.82	-832.95	361.03	284.14	76.89	4.695	
9,000.00	7,315.70	8,467.99	7,254.63	31.46	50.93	-76.04	65.59	-908.71	356.67	276.71	79.96	4.460	
9,010.09	7,315.64	8,475.44	7,254.30	31.60	51.07	-75.99	65.67	-916.15	356.64	276.37	80.27	4.443	
9,100.00	7,315.10	8,551.99	7,250.45	32.82	52.66	-75.51	64.37	-992.59	358.82	275.73	83.09	4.319	
9,200.00	7,314.51	8,642.93	7,246.81	34.22	54.69	-75.18	60.36	-1,083.37	363.73	277.31	86.42	4.209	
9,300.00	7,313.91	8,735.34	7,244.49	35.64	56.87	-75.18	53.51	-1,175.49	371.15	281.19	89.95	4.126	
9,400.00	7,313.31	8,832.62	7,244.69	37.08	59.27	-75.64	44.37	-1,272.34	379.82	285.97	93.85	4.047	
9,500.00	7,312.72	8,931.80	7,244.67	38.53	61.81	-76.06	34.91	-1,371.06	388.71	290.83	97.88	3.971	
9,600.00	7,312.12	9,036.85	7,245.89	40.01	64.58	-76.66	24.91	-1,475.62	397.35	295.11	102.25	3.886	
9,700.00	7,311.53	9,147.31	7,246.37	41.50	67.58	-77.06	17.23	-1,585.81	403.67	296.90	106.77	3.781	
9,800.00	7,310.93	9,244.36	7,248.96	43.00	70.29	-77.68	11.24	-1,682.64	408.76	297.64	111.12	3.679	
9,900.00	7,310.33	9,354.01	7,253.08	44.52	73.40	-78.51	4.64	-1,792.00	413.57	297.64	115.93	3.567	
10,000.00	7,309.74	9,454.39	7,254.76	46.05	76.31	-78.92	0.46	-1,892.28	416.98	296.53	120.45	3.462	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DDC Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,100.00	7,309.14	9,563.39	7,253.62	47.58	79.52	-78.91	-1.88	-2,001.23	418.93	293.87	125.05	3.350	
10,200.00	7,308.55	9,664.57	7,252.71	49.13	82.54	-78.90	-3.22	-2,102.41	420.06	290.51	129.55	3.243	
10,300.00	7,307.95	9,768.38	7,252.12	50.68	85.68	-78.91	-3.68	-2,206.21	420.26	286.13	134.14	3.133	
10,400.00	7,307.35	9,873.64	7,250.46	52.24	88.89	-78.76	-3.36	-2,311.46	419.95	281.24	138.71	3.028	
10,500.00	7,306.76	9,983.48	7,249.03	53.81	92.28	-78.57	-0.51	-2,421.25	417.30	273.98	143.32	2.912	
10,600.00	7,306.16	10,086.75	7,250.69	55.39	95.48	-78.77	3.25	-2,524.44	413.07	265.01	148.06	2.790	
10,700.00	7,305.57	10,186.06	7,251.57	56.97	98.59	-78.86	7.26	-2,623.66	408.60	255.86	152.74	2.675	
10,800.00	7,304.97	10,294.31	7,251.52	58.55	102.00	-78.79	12.58	-2,731.77	403.46	246.06	157.40	2.563	
10,900.00	7,304.37	10,396.26	7,252.75	60.14	105.23	-78.86	18.97	-2,833.52	396.74	234.62	162.12	2.447	
11,000.00	7,303.78	10,499.23	7,252.84	61.74	108.51	-78.75	26.31	-2,936.22	389.39	222.64	166.76	2.335	
11,100.00	7,303.18	10,593.49	7,252.21	63.34	111.52	-78.53	33.02	-3,030.23	382.20	210.79	171.41	2.230	
11,200.00	7,302.59	10,674.91	7,255.16	64.94	114.14	-78.97	35.40	-3,111.53	378.29	202.01	176.28	2.146	
11,227.57	7,302.42	10,697.05	7,256.75	65.38	114.85	-79.23	35.18	-3,133.62	378.09	200.47	177.62	2.129	
11,300.00	7,301.99	10,755.01	7,261.16	66.55	116.71	-79.99	33.04	-3,191.37	379.49	198.47	181.02	2.096	
11,400.00	7,301.39	10,845.87	7,266.63	68.16	119.63	-81.03	26.83	-3,281.84	384.90	199.03	185.88	2.071	
11,500.00	7,300.80	10,950.68	7,267.06	69.77	123.02	-81.33	20.10	-3,386.42	390.88	199.86	191.02	2.046	
11,600.00	7,300.20	11,048.91	7,263.99	71.38	126.21	-81.08	15.18	-3,484.48	395.99	200.35	195.64	2.024	
11,700.00	7,299.61	11,149.50	7,258.98	73.00	129.48	-80.56	10.18	-3,584.82	401.38	201.16	200.22	2.005	
11,800.00	7,299.01	11,265.26	7,252.22	74.62	133.26	-79.77	7.29	-3,700.34	404.49	199.30	205.18	1.971	
11,900.00	7,298.41	11,370.58	7,249.76	76.25	136.72	-79.53	6.56	-3,805.61	405.25	195.24	210.01	1.930	
12,000.00	7,297.82	11,475.36	7,250.01	77.87	140.18	-79.64	6.79	-3,910.39	404.66	189.64	215.02	1.882	
12,100.00	7,297.22	11,575.78	7,250.78	79.50	143.49	-79.80	7.65	-4,010.81	403.35	183.36	219.99	1.834	
12,200.00	7,296.63	11,675.79	7,250.82	81.13	146.80	-79.87	8.38	-4,110.80	402.29	177.39	224.90	1.789	
12,300.00	7,296.03	11,775.79	7,253.32	82.76	150.12	-80.28	8.94	-4,210.78	400.98	170.94	230.04	1.743	
12,400.00	7,295.43	11,875.82	7,255.22	84.39	156.90	-80.62	9.44	-4,310.78	399.85	161.26	238.58	1.676	
12,453.36	7,295.12	11,929.16	7,255.87	85.26	169.68	-80.74	9.80	-4,364.12	399.21	147.00	252.21	1.583	ES, SF
12,500.00	7,294.84	11,923.00	7,255.79	86.03	168.20	-80.73	9.76	-4,357.96	402.14	151.84	250.29	1.607	
12,600.00	7,294.24	11,923.00	7,255.79	87.66	168.20	-80.73	9.76	-4,357.96	425.82	186.06	239.76	1.776	
12,700.00	7,293.65	11,923.00	7,255.79	89.30	168.20	-80.73	9.76	-4,357.96	470.04	248.81	221.23	2.125	
12,800.00	7,293.05	11,923.00	7,255.79	90.94	168.20	-80.73	9.76	-4,357.96	529.66	328.98	200.68	2.639	
12,900.00	7,292.45	11,923.00	7,255.79	92.58	168.20	-80.73	9.76	-4,357.96	600.13	418.50	181.63	3.304	
13,000.00	7,291.86	11,923.00	7,255.79	94.22	168.20	-80.73	9.76	-4,357.96	678.06	512.77	165.29	4.102	
13,100.00	7,291.26	11,923.00	7,255.79	95.86	168.20	-80.73	9.76	-4,357.96	761.17	609.43	151.74	5.016	
13,200.00	7,290.67	11,923.00	7,255.79	97.50	168.20	-80.73	9.76	-4,357.96	847.93	707.32	140.61	6.030	
13,300.00	7,290.07	11,923.00	7,255.79	99.15	168.20	-80.73	9.76	-4,357.96	937.33	805.84	131.49	7.128	
13,400.00	7,289.47	11,923.00	7,255.79	100.80	168.20	-80.73	9.76	-4,357.96	1,028.69	904.71	123.98	8.297	
13,500.00	7,288.88	11,923.00	7,255.79	102.44	168.20	-80.73	9.76	-4,357.96	1,121.52	1,003.76	117.76	9.524	
13,600.00	7,288.28	11,923.00	7,255.79	104.09	168.20	-80.73	9.76	-4,357.96	1,215.49	1,102.93	112.57	10.798	
13,700.00	7,287.69	11,923.00	7,255.79	105.74	168.20	-80.73	9.76	-4,357.96	1,310.36	1,202.16	108.20	12.111	
13,800.00	7,287.09	11,923.00	7,255.79	107.39	168.20	-80.73	9.76	-4,357.96	1,405.93	1,301.43	104.50	13.454	
13,900.00	7,286.49	11,923.00	7,255.79	109.04	168.20	-80.73	9.76	-4,357.96	1,502.08	1,400.74	101.34	14.822	
14,000.00	7,285.90	11,923.00	7,255.79	110.69	168.20	-80.73	9.76	-4,357.96	1,598.71	1,500.07	98.64	16.208	
14,100.00	7,285.30	11,923.00	7,255.79	112.34	168.20	-80.73	9.76	-4,357.96	1,695.72	1,599.42	96.30	17.609	
14,200.00	7,284.71	11,923.00	7,255.79	113.99	168.20	-80.73	9.76	-4,357.96	1,793.07	1,698.80	94.27	19.020	
14,300.00	7,284.11	11,923.00	7,255.79	115.64	168.20	-80.73	9.76	-4,357.96	1,890.69	1,798.18	92.50	20.439	
14,400.00	7,283.51	11,923.00	7,255.79	117.30	168.20	-80.73	9.76	-4,357.96	1,988.54	1,897.59	90.96	21.863	
14,500.00	7,282.92	11,923.00	7,255.79	118.95	168.20	-80.73	9.76	-4,357.96	2,086.60	1,997.01	89.59	23.289	
14,600.00	7,282.32	11,923.00	7,255.79	120.61	168.20	-80.73	9.76	-4,357.96	2,184.84	2,096.45	88.39	24.717	
14,700.00	7,281.73	11,923.00	7,255.79	122.26	168.20	-80.73	9.76	-4,357.96	2,283.23	2,195.90	87.33	26.144	
14,800.00	7,281.13	11,923.00	7,255.79	123.92	168.20	-80.73	9.76	-4,357.96	2,381.75	2,295.37	86.39	27.570	
14,900.00	7,280.53	11,923.00	7,255.79	125.57	168.20	-80.73	9.76	-4,357.96	2,480.40	2,394.85	85.55	28.994	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_UNKNOWN

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
9,900.00	7,310.33	7,535.39	7,400.32	44.52	21.76	-138.39	324.83	-4,208.52	2,403.84	2,364.02	39.82	60.365	
10,000.00	7,309.74	7,531.58	7,396.52	46.05	21.64	-137.19	324.93	-4,208.65	2,303.97	2,264.19	39.78	57.923	
10,100.00	7,309.14	7,527.77	7,392.71	47.58	21.51	-135.92	325.04	-4,208.77	2,204.10	2,164.36	39.74	55.469	
10,200.00	7,308.55	7,523.96	7,388.91	49.13	21.39	-134.60	325.15	-4,208.89	2,104.23	2,064.53	39.70	53.004	
10,300.00	7,307.95	7,520.15	7,385.10	50.68	21.26	-133.20	325.26	-4,209.01	2,004.38	1,964.71	39.67	50.526	
10,400.00	7,307.35	7,516.34	7,381.29	52.24	21.14	-131.74	325.37	-4,209.14	1,904.52	1,864.88	39.65	48.038	
10,500.00	7,306.76	7,512.53	7,377.49	53.81	21.02	-130.20	325.48	-4,209.26	1,804.68	1,765.05	39.63	45.538	
10,600.00	7,306.16	7,508.72	7,373.68	55.39	20.83	-128.58	325.59	-4,209.38	1,704.85	1,665.29	39.56	43.098	
10,700.00	7,305.57	7,504.91	7,369.87	56.97	20.73	-126.88	325.70	-4,209.51	1,605.03	1,565.44	39.59	40.542	
10,800.00	7,304.97	7,501.10	7,366.07	58.55	20.64	-125.10	325.81	-4,209.63	1,505.23	1,465.58	39.64	37.971	
10,900.00	7,304.37	7,497.29	7,362.26	60.14	20.54	-123.23	325.92	-4,209.75	1,405.44	1,365.75	39.69	35.409	
11,000.00	7,303.78	7,493.48	7,358.45	61.74	20.44	-121.27	326.03	-4,209.87	1,305.67	1,265.90	39.77	32.831	
11,100.00	7,303.18	7,489.67	7,354.65	63.34	20.35	-119.22	326.13	-4,210.00	1,205.93	1,166.06	39.87	30.245	
11,200.00	7,302.59	7,485.86	7,350.84	64.94	20.25	-117.08	326.24	-4,210.12	1,106.22	1,066.22	40.01	27.652	
11,300.00	7,301.99	7,482.05	7,347.03	66.55	20.16	-114.85	326.35	-4,210.24	1,006.56	966.38	40.18	25.049	
11,400.00	7,301.39	7,478.24	7,343.23	68.16	20.06	-112.53	326.46	-4,210.36	906.96	866.53	40.42	22.437	
11,500.00	7,300.80	7,474.43	7,339.42	69.77	19.97	-110.12	326.57	-4,210.49	807.43	766.68	40.75	19.814	
11,600.00	7,300.20	7,470.62	7,335.61	71.38	19.87	-107.62	326.68	-4,210.61	708.02	666.80	41.21	17.179	
11,700.00	7,299.61	7,466.81	7,331.81	73.00	19.77	-105.05	326.79	-4,210.73	608.78	566.88	41.90	14.530	
11,800.00	7,299.01	7,463.00	7,328.00	74.62	19.68	-102.41	326.90	-4,210.86	509.80	466.84	42.96	11.868	
11,900.00	7,298.41	7,459.19	7,324.19	76.25	19.58	-99.70	327.01	-4,210.98	411.29	366.57	44.72	9.197	
12,000.00	7,297.82	7,455.38	7,320.39	77.87	19.49	-96.94	327.12	-4,211.10	313.67	265.71	47.95	6.541	
12,100.00	7,297.22	7,451.57	7,316.58	79.50	19.39	-94.15	327.23	-4,211.22	218.15	163.39	54.76	3.984	
12,200.00	7,296.63	7,447.76	7,312.77	81.13	19.30	-91.32	327.33	-4,211.35	129.46	57.53	71.93	1.800	
12,300.00	7,296.03	7,443.95	7,308.97	82.76	19.20	-88.48	327.44	-4,211.47	76.84	-25.20	102.04	0.753	Level 1
12,304.36	7,296.00	7,443.79	7,308.80	82.83	19.20	-88.35	327.45	-4,211.47	76.72	-25.36	102.08	0.752	Level 1, CC, ES, SF
12,400.00	7,295.43	7,440.14	7,305.16	84.39	19.11	-85.64	327.55	-4,211.59	122.55	50.12	72.43	1.692	
12,500.00	7,294.84	7,436.33	7,301.35	86.03	19.01	-82.81	327.66	-4,211.71	210.01	156.33	53.68	3.912	
12,600.00	7,294.24	7,432.52	7,297.55	87.66	18.92	-80.01	327.77	-4,211.84	305.22	258.63	46.60	6.550	
12,700.00	7,293.65	7,428.71	7,293.74	89.30	18.82	-77.25	327.88	-4,211.96	402.73	359.32	43.41	9.277	
12,800.00	7,293.05	7,424.90	7,289.93	90.94	18.73	-74.53	327.99	-4,212.08	501.18	459.42	41.77	12.000	
12,900.00	7,292.45	7,421.09	7,286.13	92.58	18.63	-71.89	328.10	-4,212.21	600.13	559.30	40.83	14.698	
13,000.00	7,291.86	7,417.28	7,282.32	94.22	18.54	-69.31	328.21	-4,212.33	699.35	659.09	40.26	17.370	
13,100.00	7,291.26	7,413.47	7,278.51	95.86	18.44	-66.81	328.32	-4,212.45	798.75	758.86	39.90	20.021	
13,200.00	7,290.67	7,409.66	7,274.71	97.50	18.34	-64.39	328.43	-4,212.57	898.27	858.62	39.65	22.654	
13,300.00	7,290.07	7,405.85	7,270.90	99.15	18.18	-62.06	328.53	-4,212.70	997.87	958.45	39.42	25.313	
13,400.00	7,289.47	7,402.04	7,267.09	100.80	18.13	-59.82	328.64	-4,212.82	1,097.53	1,058.18	39.35	27.894	
13,500.00	7,288.88	7,401.77	7,263.29	102.44	18.15	-57.67	328.75	-4,212.94	1,197.23	1,157.85	39.38	30.404	
13,600.00	7,288.28	7,394.42	7,259.48	104.09	18.03	-55.61	328.86	-4,213.06	1,296.97	1,257.67	39.29	33.007	
13,700.00	7,287.69	7,409.39	7,255.67	105.74	18.34	-53.65	328.97	-4,213.19	1,396.73	1,357.07	39.67	35.213	
13,800.00	7,287.09	7,386.80	7,251.87	107.39	17.92	-51.77	329.08	-4,213.31	1,496.52	1,457.20	39.32	38.063	
13,900.00	7,286.49	7,382.99	7,248.06	109.04	17.87	-49.98	329.19	-4,213.43	1,596.32	1,556.98	39.35	40.572	
14,000.00	7,285.90	7,379.18	7,244.25	110.69	17.81	-48.27	329.30	-4,213.56	1,696.14	1,656.76	39.38	43.069	
14,100.00	7,285.30	7,375.37	7,240.45	112.34	17.76	-46.65	329.41	-4,213.68	1,795.97	1,756.55	39.43	45.554	
14,200.00	7,284.71	7,371.56	7,236.64	113.99	17.71	-45.10	329.52	-4,213.80	1,895.81	1,856.34	39.47	48.027	
14,300.00	7,284.11	7,367.75	7,232.83	115.64	17.65	-43.63	329.63	-4,213.92	1,995.66	1,956.14	39.53	50.488	
14,400.00	7,283.51	7,363.94	7,229.03	117.30	17.60	-42.23	329.73	-4,214.05	2,095.52	2,055.94	39.58	52.938	
14,500.00	7,282.92	7,360.13	7,225.22	118.95	17.55	-40.90	329.84	-4,214.17	2,195.38	2,155.74	39.64	55.376	
14,600.00	7,282.32	7,356.32	7,221.42	120.61	17.49	-39.63	329.95	-4,214.29	2,295.25	2,255.55	39.71	57.803	
14,700.00	7,281.73	7,352.51	7,217.61	122.26	17.44	-38.42	330.06	-4,214.41	2,395.13	2,355.35	39.77	60.219	
14,800.00	7,281.13	7,348.70	7,213.80	123.92	17.39	-37.27	330.17	-4,214.54	2,495.01	2,455.16	39.84	62.623	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - HKS 6-23 - 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,200.00	7,308.55	7,330.55	7,330.55	49.13	257.99	-90.45	-1,087.49	-4,057.52	2,458.16	2,165.41	292.75	8.397	
10,300.00	7,307.95	7,329.95	7,329.95	50.68	257.97	-90.42	-1,087.49	-4,057.52	2,379.46	2,085.03	294.43	8.082	
10,400.00	7,307.35	7,329.35	7,329.35	52.24	257.95	-90.40	-1,087.49	-4,057.52	2,302.41	2,006.18	296.23	7.772	
10,500.00	7,306.76	7,328.76	7,328.76	53.81	257.92	-90.38	-1,087.49	-4,057.52	2,227.19	1,929.04	298.15	7.470	
10,600.00	7,306.16	7,328.16	7,328.16	55.39	257.90	-90.36	-1,087.49	-4,057.52	2,153.99	1,853.79	300.20	7.175	
10,700.00	7,305.57	7,327.57	7,327.57	56.97	257.88	-90.33	-1,087.49	-4,057.52	2,083.02	1,780.65	302.37	6.889	
10,800.00	7,304.97	7,326.97	7,326.97	58.55	257.86	-90.31	-1,087.49	-4,057.52	2,014.51	1,709.84	304.67	6.612	
10,900.00	7,304.37	7,326.37	7,326.37	60.14	257.84	-90.29	-1,087.49	-4,057.52	1,948.72	1,641.64	307.09	6.346	
11,000.00	7,303.78	7,325.78	7,325.78	61.74	257.82	-90.26	-1,087.49	-4,057.52	1,885.95	1,576.33	309.62	6.091	
11,100.00	7,303.18	7,325.18	7,325.18	63.34	257.80	-90.24	-1,087.49	-4,057.52	1,826.50	1,514.24	312.26	5.849	
11,200.00	7,302.59	7,324.59	7,324.59	64.94	257.78	-90.22	-1,087.49	-4,057.52	1,770.70	1,455.72	314.98	5.622	
11,300.00	7,301.99	7,323.99	7,323.99	66.55	257.76	-90.20	-1,087.49	-4,057.52	1,718.91	1,401.14	317.77	5.409	
11,400.00	7,301.39	7,323.39	7,323.39	68.16	257.73	-90.17	-1,087.49	-4,057.52	1,671.50	1,350.91	320.59	5.214	
11,500.00	7,300.80	7,322.80	7,322.80	69.77	257.71	-90.15	-1,087.49	-4,057.52	1,628.86	1,305.45	323.41	5.036	
11,600.00	7,300.20	7,322.20	7,322.20	71.38	257.69	-90.13	-1,087.49	-4,057.52	1,591.38	1,265.18	326.19	4.879	
11,700.00	7,299.61	7,321.61	7,321.61	73.00	257.67	-90.10	-1,087.49	-4,057.52	1,559.41	1,230.53	328.88	4.742	
11,800.00	7,299.01	7,321.01	7,321.01	74.62	257.65	-90.08	-1,087.49	-4,057.52	1,533.31	1,201.88	331.42	4.626	
11,900.00	7,298.41	7,320.41	7,320.41	76.25	257.63	-90.06	-1,087.49	-4,057.52	1,513.37	1,179.61	333.77	4.534	
12,000.00	7,297.82	7,319.82	7,319.82	77.87	257.61	-90.04	-1,087.49	-4,057.52	1,499.86	1,164.00	335.86	4.466	
12,100.00	7,297.22	7,319.22	7,319.22	79.50	257.59	-90.01	-1,087.49	-4,057.52	1,492.93	1,155.27	337.67	4.421	
12,153.64	7,296.90	7,318.90	7,318.90	80.37	257.58	-90.00	-1,087.49	-4,057.52	1,491.97	1,153.47	338.50	4.408	CC, ES
12,200.00	7,296.63	7,318.63	7,318.63	81.13	257.57	-89.99	-1,087.49	-4,057.52	1,492.69	1,153.55	339.14	4.401	SF
12,300.00	7,296.03	7,318.03	7,318.03	82.76	257.54	-89.97	-1,087.49	-4,057.52	1,499.13	1,158.86	340.27	4.406	
12,400.00	7,295.43	7,317.43	7,317.43	84.39	257.52	-89.94	-1,087.49	-4,057.52	1,512.17	1,171.13	341.05	4.434	
12,500.00	7,294.84	7,316.84	7,316.84	86.03	257.50	-89.92	-1,087.49	-4,057.52	1,531.64	1,190.17	341.47	4.485	
12,600.00	7,294.24	7,316.24	7,316.24	87.66	257.48	-89.90	-1,087.49	-4,057.52	1,557.31	1,215.73	341.57	4.559	
12,700.00	7,293.65	7,315.65	7,315.65	89.30	257.46	-89.87	-1,087.49	-4,057.52	1,588.86	1,247.48	341.38	4.654	
12,800.00	7,293.05	7,315.05	7,315.05	90.94	257.44	-89.85	-1,087.49	-4,057.52	1,625.96	1,285.04	340.92	4.769	
12,900.00	7,292.45	7,314.45	7,314.45	92.58	257.42	-89.83	-1,087.49	-4,057.52	1,668.23	1,327.99	340.24	4.903	
13,000.00	7,291.86	7,313.86	7,313.86	94.22	257.40	-89.81	-1,087.49	-4,057.52	1,715.31	1,375.92	339.38	5.054	
13,100.00	7,291.26	7,313.26	7,313.26	95.86	257.38	-89.78	-1,087.49	-4,057.52	1,766.79	1,428.40	338.38	5.221	
13,200.00	7,290.67	7,312.67	7,312.67	97.50	257.35	-89.76	-1,087.49	-4,057.52	1,822.31	1,485.03	337.27	5.403	
13,300.00	7,290.07	7,312.07	7,312.07	99.15	257.33	-89.74	-1,087.49	-4,057.52	1,881.51	1,545.42	336.09	5.598	
13,400.00	7,289.47	7,311.47	7,311.47	100.80	257.31	-89.71	-1,087.49	-4,057.52	1,944.05	1,609.19	334.86	5.806	
13,500.00	7,288.88	7,310.88	7,310.88	102.44	257.29	-89.69	-1,087.49	-4,057.52	2,009.63	1,676.03	333.60	6.024	
13,600.00	7,288.28	7,310.28	7,310.28	104.09	257.27	-89.67	-1,087.49	-4,057.52	2,077.95	1,745.62	332.33	6.253	
13,700.00	7,287.69	7,309.69	7,309.69	105.74	257.25	-89.65	-1,087.49	-4,057.52	2,148.75	1,817.68	331.06	6.490	
13,800.00	7,287.09	7,309.09	7,309.09	107.39	257.23	-89.62	-1,087.49	-4,057.52	2,221.80	1,891.98	329.82	6.736	
13,900.00	7,286.49	7,308.49	7,308.49	109.04	257.21	-89.60	-1,087.49	-4,057.52	2,296.88	1,968.28	328.60	6.990	
14,000.00	7,285.90	7,307.90	7,307.90	110.69	257.19	-89.58	-1,087.49	-4,057.52	2,373.79	2,046.39	327.41	7.250	
14,100.00	7,285.30	7,307.30	7,307.30	112.34	257.16	-89.55	-1,087.49	-4,057.52	2,452.38	2,126.12	326.25	7.517	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_UNKNOWN

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
9,600.00	7,312.12	7,385.62	7,381.23	40.01	19.64	-93.63	-652.66	-3,692.46	2,430.55	2,385.83	44.72	54.352	
9,700.00	7,311.53	7,379.69	7,375.32	41.50	19.49	-93.31	-652.31	-3,692.77	2,340.96	2,295.40	45.55	51.389	
9,800.00	7,310.93	7,373.76	7,369.41	43.00	19.33	-93.00	-651.95	-3,693.09	2,252.23	2,205.74	46.49	48.444	
9,900.00	7,310.33	7,367.82	7,363.49	44.52	19.17	-92.68	-651.60	-3,693.41	2,164.47	2,116.93	47.54	45.527	
10,000.00	7,309.74	7,361.89	7,357.58	46.05	19.01	-92.36	-651.25	-3,693.73	2,077.80	2,029.08	48.72	42.652	
10,100.00	7,309.14	7,355.96	7,351.67	47.58	18.85	-92.04	-650.90	-3,694.04	1,992.36	1,942.34	50.02	39.829	
10,200.00	7,308.55	7,350.03	7,345.76	49.13	18.69	-91.72	-650.55	-3,694.36	1,908.32	1,856.84	51.48	37.071	
10,300.00	7,307.95	7,344.10	7,339.84	50.68	18.53	-91.40	-650.20	-3,694.68	1,825.87	1,772.78	53.09	34.392	
10,400.00	7,307.35	7,338.17	7,333.93	52.24	18.37	-91.08	-649.85	-3,695.00	1,745.23	1,690.36	54.87	31.805	
10,500.00	7,306.76	7,332.23	7,328.02	53.81	18.21	-90.76	-649.49	-3,695.31	1,666.67	1,609.84	56.84	29.324	
10,600.00	7,306.16	7,326.30	7,322.10	55.39	18.06	-90.44	-649.14	-3,695.63	1,590.50	1,531.51	58.99	26.961	
10,700.00	7,305.57	7,320.37	7,316.19	56.97	17.90	-90.12	-648.79	-3,695.95	1,517.08	1,455.73	61.35	24.730	
10,800.00	7,304.97	7,314.44	7,310.28	58.55	17.74	-89.79	-648.44	-3,696.27	1,446.81	1,382.92	63.90	22.642	
10,900.00	7,304.37	7,308.51	7,304.36	60.14	17.58	-89.47	-648.09	-3,696.58	1,380.20	1,313.56	66.64	20.710	
11,000.00	7,303.78	7,302.57	7,298.45	61.74	17.39	-89.15	-647.74	-3,696.90	1,317.79	1,248.26	69.54	18.951	
11,100.00	7,303.18	7,303.36	7,292.54	63.34	17.44	-88.83	-647.38	-3,697.22	1,260.21	1,187.40	72.81	17.309	
11,200.00	7,302.59	7,309.29	7,286.63	64.94	17.60	-88.51	-647.03	-3,697.54	1,208.14	1,131.86	76.27	15.840	
11,300.00	7,301.99	7,284.78	7,280.71	66.55	17.12	-88.18	-646.68	-3,697.85	1,162.32	1,083.21	79.12	14.691	
11,400.00	7,301.39	7,278.85	7,274.80	68.16	17.03	-87.86	-646.33	-3,698.17	1,123.53	1,041.28	82.26	13.658	
11,500.00	7,300.80	7,272.91	7,268.89	69.77	16.94	-87.54	-645.98	-3,698.49	1,092.52	1,007.32	85.20	12.823	
11,600.00	7,300.20	7,266.98	7,262.97	71.38	16.85	-87.22	-645.63	-3,698.81	1,069.95	982.15	87.80	12.187	
11,700.00	7,299.61	7,261.05	7,257.06	73.00	16.77	-86.90	-645.28	-3,699.12	1,056.37	966.43	89.94	11.746	
11,794.90	7,299.04	7,255.42	7,251.45	74.54	16.68	-86.59	-644.94	-3,699.42	1,052.11	960.66	91.45	11.505	CC
11,800.00	7,299.01	7,255.12	7,251.15	74.62	16.68	-86.57	-644.92	-3,699.44	1,052.12	960.61	91.52	11.497	ES
11,900.00	7,298.41	7,249.19	7,245.23	76.25	16.59	-86.25	-644.57	-3,699.76	1,057.33	964.86	92.47	11.434	SF
12,000.00	7,297.82	7,243.25	7,239.32	77.87	16.50	-85.93	-644.22	-3,700.08	1,071.85	979.05	92.80	11.550	
12,100.00	7,297.22	7,237.32	7,233.41	79.50	16.41	-85.61	-643.87	-3,700.39	1,095.31	1,002.77	92.53	11.837	
12,200.00	7,296.63	7,231.39	7,227.50	81.13	16.32	-85.28	-643.52	-3,700.71	1,127.15	1,035.39	91.76	12.284	
12,300.00	7,296.03	7,225.46	7,221.58	82.76	16.23	-84.96	-643.17	-3,701.03	1,166.69	1,076.13	90.56	12.883	
12,400.00	7,295.43	7,219.53	7,215.67	84.39	16.14	-84.64	-642.81	-3,701.35	1,213.18	1,124.12	89.06	13.622	
12,500.00	7,294.84	7,213.59	7,209.76	86.03	16.05	-84.32	-642.46	-3,701.66	1,265.84	1,178.49	87.35	14.492	
12,600.00	7,294.24	7,207.66	7,203.84	87.66	15.87	-83.99	-642.11	-3,701.98	1,323.95	1,238.53	85.42	15.499	
12,700.00	7,293.65	7,201.73	7,197.93	89.30	15.85	-83.67	-641.76	-3,702.30	1,386.82	1,303.22	83.60	16.589	
12,800.00	7,293.05	7,204.20	7,192.02	90.94	15.91	-83.35	-641.41	-3,702.61	1,453.83	1,371.98	81.85	17.762	
12,900.00	7,292.45	7,189.87	7,186.10	92.58	15.82	-83.03	-641.06	-3,702.93	1,524.43	1,444.44	79.99	19.059	
13,000.00	7,291.86	7,183.94	7,180.19	94.22	15.80	-82.71	-640.71	-3,703.25	1,598.15	1,519.90	78.26	20.422	
13,100.00	7,291.26	7,178.00	7,174.28	95.86	15.78	-82.39	-640.35	-3,703.57	1,674.59	1,597.98	76.60	21.861	
13,200.00	7,290.67	7,172.07	7,168.37	97.50	15.76	-82.07	-640.00	-3,703.88	1,753.37	1,678.34	75.03	23.369	
13,300.00	7,290.07	7,166.14	7,162.45	99.15	15.74	-81.75	-639.65	-3,704.20	1,834.20	1,760.65	73.55	24.939	
13,400.00	7,289.47	7,160.21	7,156.54	100.80	15.73	-81.43	-639.30	-3,704.52	1,916.83	1,844.67	72.16	26.565	
13,500.00	7,288.88	7,154.28	7,150.63	102.44	15.71	-81.11	-638.95	-3,704.84	2,001.02	1,930.17	70.85	28.242	
13,600.00	7,288.28	7,148.34	7,144.71	104.09	15.69	-80.79	-638.60	-3,705.15	2,086.59	2,016.96	69.63	29.966	
13,700.00	7,287.69	7,142.41	7,138.80	105.74	15.67	-80.47	-638.24	-3,705.47	2,173.38	2,104.89	68.49	31.731	
13,800.00	7,287.09	7,136.48	7,132.89	107.39	15.65	-80.15	-637.89	-3,705.79	2,261.24	2,193.81	67.43	33.533	
13,900.00	7,286.49	7,130.55	7,126.98	109.04	15.64	-79.83	-637.54	-3,706.11	2,350.06	2,283.62	66.44	35.370	
14,000.00	7,285.90	7,124.62	7,121.06	110.69	15.62	-79.51	-637.19	-3,706.42	2,439.73	2,374.21	65.52	37.237	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - S B H 1 - Amirmex P&A Well - No Surveys

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	24.00	24.00	3.28	3.31	-81.68	232.11	-1,586.89	1,603.78				
100.00	100.00	124.00	124.00	3.28	4.20	-81.68	232.11	-1,586.89	1,603.78	1,595.50	8.27	193.844	
200.00	200.00	224.00	224.00	3.31	6.98	-81.68	232.11	-1,586.89	1,603.78	1,592.70	11.08	144.741	
200.00	200.00	224.00	224.00	3.31	6.98	-81.68	232.11	-1,586.89	1,603.78	1,592.70	11.08	144.741	
300.00	300.00	324.00	324.00	3.35	10.25	-150.33	232.11	-1,586.89	1,604.16	1,589.77	14.39	111.489	
400.00	399.93	423.93	423.93	3.41	13.65	-150.36	232.11	-1,586.89	1,607.19	1,589.33	17.85	90.017	
500.00	499.68	523.68	523.68	3.50	17.10	-150.43	232.11	-1,586.89	1,613.26	1,591.86	21.39	75.407	
600.00	599.13	623.13	623.13	3.62	20.57	-150.52	232.11	-1,586.89	1,622.36	1,597.39	24.97	64.961	
700.00	698.15	722.15	722.15	3.76	24.04	-150.64	232.11	-1,586.89	1,634.51	1,605.93	28.58	57.191	
800.00	796.80	820.80	820.80	3.93	27.51	-150.88	232.11	-1,586.89	1,648.86	1,616.65	32.20	51.203	
900.00	895.43	919.43	919.43	4.14	30.98	-151.16	232.11	-1,586.89	1,663.32	1,627.48	35.84	46.405	
1,000.00	994.06	1,018.06	1,018.06	4.36	34.46	-151.43	232.11	-1,586.89	1,677.83	1,638.33	39.51	42.470	
1,100.00	1,092.69	1,116.69	1,116.69	4.61	37.94	-151.69	232.11	-1,586.89	1,692.37	1,649.19	43.19	39.188	
1,200.00	1,191.33	1,215.33	1,215.33	4.87	41.42	-151.96	232.11	-1,586.89	1,706.95	1,660.07	46.88	36.409	
1,300.00	1,289.96	1,313.96	1,313.96	5.14	44.90	-152.21	232.11	-1,586.89	1,721.57	1,670.98	50.59	34.029	
1,400.00	1,388.59	1,412.59	1,412.59	5.43	48.39	-152.47	232.11	-1,586.89	1,736.21	1,681.90	54.31	31.969	
1,500.00	1,487.22	1,511.22	1,511.22	5.73	51.88	-152.72	232.11	-1,586.89	1,750.89	1,692.85	58.04	30.168	
1,600.00	1,585.85	1,609.85	1,609.85	6.03	55.37	-152.96	232.11	-1,586.89	1,765.60	1,703.83	61.78	28.581	
1,700.00	1,684.48	1,708.48	1,708.48	6.34	58.86	-153.20	232.11	-1,586.89	1,780.34	1,714.83	65.52	27.173	
1,800.00	1,783.11	1,807.11	1,807.11	6.66	62.35	-153.44	232.11	-1,586.89	1,795.12	1,725.85	69.27	25.915	
1,900.00	1,881.75	1,905.75	1,905.75	6.84	65.84	-153.67	232.11	-1,586.89	1,809.92	1,737.23	72.69	24.898	
2,000.00	1,980.38	2,004.38	2,004.38	6.87	69.33	-153.90	232.11	-1,586.89	1,824.75	1,748.55	76.20	23.946	
2,100.00	2,079.01	2,103.01	2,103.01	6.93	72.82	-154.12	232.11	-1,586.89	1,839.61	1,759.88	79.73	23.074	
2,200.00	2,177.64	2,201.64	2,201.64	6.99	76.31	-154.35	232.11	-1,586.89	1,854.50	1,771.23	83.27	22.272	
2,300.00	2,276.27	2,300.27	2,300.27	7.08	79.80	-154.56	232.11	-1,586.89	1,869.41	1,782.59	86.82	21.532	
2,400.00	2,374.90	2,401.10	2,398.90	7.18	83.37	-154.78	232.11	-1,586.89	1,884.35	1,793.88	90.47	20.829	
2,500.00	2,473.53	2,502.47	2,497.53	7.29	86.96	-154.99	232.11	-1,586.89	1,899.31	1,805.17	94.15	20.174	
2,600.00	2,572.17	2,603.83	2,596.17	7.41	90.55	-155.20	232.11	-1,586.89	1,914.31	1,816.47	97.84	19.566	
2,700.00	2,670.80	2,705.20	2,694.80	7.55	94.14	-155.40	232.11	-1,586.89	1,929.32	1,827.78	101.54	19.000	
2,800.00	2,769.43	2,806.57	2,793.43	7.70	97.73	-155.61	232.11	-1,586.89	1,944.36	1,839.10	105.26	18.472	
2,900.00	2,868.06	2,907.94	2,892.06	7.86	101.32	-155.80	232.11	-1,586.89	1,959.42	1,850.44	108.98	17.979	
3,000.00	2,966.69	3,009.31	2,990.69	8.03	104.91	-156.00	232.11	-1,586.89	1,974.51	1,861.78	112.72	17.517	
3,100.00	3,065.32	3,089.32	3,089.32	8.21	107.74	-156.19	232.11	-1,586.89	1,989.61	1,873.90	115.71	17.194	
3,200.00	3,163.95	3,187.95	3,187.95	8.40	111.23	-156.38	232.11	-1,586.89	2,004.74	1,885.37	119.37	16.794	
3,300.00	3,262.59	3,286.59	3,286.59	8.60	114.73	-156.57	232.11	-1,586.89	2,019.89	1,896.85	123.04	16.416	
3,400.00	3,361.22	3,385.22	3,385.22	8.80	118.22	-156.75	232.11	-1,586.89	2,035.06	1,908.34	126.72	16.060	
3,500.00	3,459.85	3,483.85	3,483.85	9.02	121.71	-156.93	232.11	-1,586.89	2,050.25	1,919.85	130.40	15.723	
3,600.00	3,558.48	3,582.48	3,582.48	9.24	125.21	-157.11	232.11	-1,586.89	2,065.47	1,931.37	134.09	15.403	
3,700.00	3,657.11	3,681.11	3,681.11	9.46	128.70	-157.29	232.11	-1,586.89	2,080.70	1,942.91	137.79	15.100	
3,800.00	3,755.74	3,779.74	3,779.74	9.70	132.19	-157.46	232.11	-1,586.89	2,095.95	1,954.45	141.49	14.813	
3,900.00	3,854.37	3,878.37	3,878.37	9.94	135.69	-157.63	232.11	-1,586.89	2,111.21	1,966.01	145.20	14.540	
4,000.00	3,953.01	3,977.01	3,977.01	10.18	139.18	-157.80	232.11	-1,586.89	2,126.50	1,977.58	148.92	14.280	
4,100.00	4,051.64	4,075.64	4,075.64	10.43	142.68	-157.97	232.11	-1,586.89	2,141.80	1,989.17	152.64	14.032	
4,200.00	4,150.27	4,174.27	4,174.27	10.68	146.17	-158.13	232.11	-1,586.89	2,157.13	2,000.77	156.36	13.796	
4,300.00	4,248.90	4,272.90	4,272.90	10.94	149.66	-158.30	232.11	-1,586.89	2,172.46	2,012.38	160.09	13.570	
4,400.00	4,347.53	4,371.53	4,371.53	11.20	153.16	-158.45	232.11	-1,586.89	2,187.82	2,024.00	163.82	13.355	
4,500.00	4,446.16	4,470.16	4,470.16	11.47	156.65	-158.61	232.11	-1,586.89	2,203.19	2,035.64	167.56	13.149	
4,600.00	4,544.79	4,568.79	4,568.79	11.74	160.15	-158.77	232.11	-1,586.89	2,218.58	2,047.29	171.29	12.952	
4,700.00	4,643.43	4,667.43	4,667.43	12.01	163.64	-158.92	232.11	-1,586.89	2,233.98	2,058.95	175.04	12.763	
4,800.00	4,742.06	4,766.06	4,766.06	12.28	167.13	-159.07	232.11	-1,586.89	2,249.40	2,070.62	178.78	12.582	
4,900.00	4,840.69	4,864.69	4,864.69	12.56	170.63	-159.22	232.11	-1,586.89	2,264.84	2,082.31	182.53	12.408	
5,000.00	4,939.32	4,963.32	4,963.32	12.84	174.12	-159.37	232.11	-1,586.89	2,280.28	2,094.01	186.28	12.241	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - S B H 1 - Amirmex P&A Well - No Surveys — **Offset Site Error:** 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448 — **Offset Well Error:** 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,100.00	5,037.95	5,061.95	5,061.95	13.12	177.62	-159.51	232.11	-1,586.89	2,295.75	2,105.72	190.03	12.081	
5,200.00	5,136.58	5,160.58	5,160.58	13.41	181.11	-159.65	232.11	-1,586.89	2,311.23	2,117.44	193.79	11.927	
5,300.00	5,235.22	5,259.22	5,259.22	13.69	184.60	-159.79	232.11	-1,586.89	2,326.72	2,129.17	197.54	11.778	
5,400.00	5,333.85	5,357.85	5,357.85	13.98	188.10	-159.93	232.11	-1,586.89	2,342.22	2,140.92	201.30	11.635	
5,500.00	5,432.48	5,456.48	5,456.48	14.27	191.59	-160.07	232.11	-1,586.89	2,357.74	2,152.67	205.07	11.497	
5,600.00	5,531.11	5,555.11	5,555.11	14.57	195.09	-160.21	232.11	-1,586.89	2,373.27	2,164.44	208.83	11.365	
5,700.00	5,629.74	5,653.74	5,653.74	14.86	198.58	-160.34	232.11	-1,586.89	2,388.81	2,176.22	212.59	11.237	
5,800.00	5,728.37	5,752.37	5,752.37	15.16	202.08	-160.47	232.11	-1,586.89	2,404.37	2,188.01	216.36	11.113	
5,900.00	5,827.00	5,851.00	5,851.00	15.45	205.57	-160.60	232.11	-1,586.89	2,419.94	2,199.81	220.13	10.993	
6,000.00	5,925.64	5,949.64	5,949.64	15.75	209.06	-160.73	232.11	-1,586.89	2,435.52	2,211.62	223.90	10.878	
6,100.00	6,024.27	6,048.27	6,048.27	16.05	212.56	-160.86	232.11	-1,586.89	2,451.11	2,223.45	227.67	10.766	
6,200.00	6,122.90	6,146.90	6,146.90	16.35	216.05	-160.98	232.11	-1,586.89	2,466.72	2,235.28	231.44	10.658	
6,300.00	6,221.53	6,245.53	6,245.53	16.66	219.55	-161.11	232.11	-1,586.89	2,482.33	2,247.12	235.21	10.554	
6,400.00	6,320.16	6,344.16	6,344.16	16.96	223.04	-161.23	232.11	-1,586.89	2,497.96	2,258.98	238.99	10.452	
7,100.00	7,000.92	7,024.92	7,024.92	18.24	247.16	-11.24	232.11	-1,586.89	2,467.12	2,202.70	264.42	9.330	
7,200.00	7,083.54	7,107.54	7,107.54	18.23	250.09	-10.51	232.11	-1,586.89	2,411.64	2,144.28	267.36	9.020	
7,300.00	7,156.41	7,180.41	7,180.41	18.22	252.67	-10.75	232.11	-1,586.89	2,343.93	2,073.99	269.94	8.683	
7,400.00	7,217.74	7,241.74	7,241.74	18.25	254.84	-11.96	232.11	-1,586.89	2,265.65	1,993.56	272.09	8.327	
7,500.00	7,266.01	7,309.99	7,290.01	18.35	257.26	-14.71	232.11	-1,586.89	2,178.73	1,904.24	274.49	7.937	
7,600.00	7,300.04	7,324.04	7,324.04	18.55	257.76	-21.02	232.11	-1,586.89	2,085.33	1,810.34	274.98	7.584	
7,700.00	7,318.98	7,342.98	7,342.98	18.85	258.43	-40.86	232.11	-1,586.89	1,987.72	1,712.07	275.66	7.211	
7,800.00	7,322.85	7,346.85	7,346.85	19.26	258.57	-93.60	232.11	-1,586.89	1,888.32	1,612.51	275.82	6.846	
7,900.00	7,322.26	7,346.26	7,346.26	19.79	258.54	-93.41	232.11	-1,586.89	1,788.79	1,512.97	275.83	6.485	
8,000.00	7,321.66	7,345.66	7,345.66	20.45	258.52	-93.22	232.11	-1,586.89	1,689.32	1,413.48	275.85	6.124	
8,100.00	7,321.06	7,345.06	7,345.06	21.22	258.50	-93.03	232.11	-1,586.89	1,589.92	1,314.04	275.88	5.763	
8,200.00	7,320.47	7,344.47	7,344.47	22.09	258.48	-92.84	232.11	-1,586.89	1,490.59	1,214.67	275.92	5.402	
8,300.00	7,319.87	7,343.87	7,343.87	23.05	258.46	-92.64	232.11	-1,586.89	1,391.36	1,115.38	275.98	5.042	
8,400.00	7,319.28	7,343.28	7,343.28	24.08	258.44	-92.45	232.11	-1,586.89	1,292.24	1,016.19	276.06	4.681	
8,500.00	7,318.68	7,342.68	7,342.68	25.18	258.42	-92.26	232.11	-1,586.89	1,193.28	917.12	276.16	4.321	
8,600.00	7,318.08	7,342.08	7,342.08	26.35	258.40	-92.07	232.11	-1,586.89	1,094.50	818.20	276.30	3.961	
8,700.00	7,317.49	7,341.49	7,341.49	27.56	258.38	-91.88	232.11	-1,586.89	995.97	719.47	276.49	3.602	
8,800.00	7,316.89	7,340.89	7,340.89	28.82	258.35	-91.69	232.11	-1,586.89	897.76	621.01	276.75	3.244	
8,900.00	7,316.29	7,340.29	7,340.29	30.12	258.33	-91.50	232.11	-1,586.89	799.99	522.88	277.11	2.887	
9,000.00	7,315.70	7,339.70	7,339.70	31.46	258.31	-91.30	232.11	-1,586.89	702.86	425.23	277.62	2.532	
9,100.00	7,315.10	7,339.10	7,339.10	32.82	258.29	-91.11	232.11	-1,586.89	606.65	328.27	278.38	2.179	
9,200.00	7,314.51	7,338.51	7,338.51	34.22	258.27	-90.92	232.11	-1,586.89	511.90	232.36	279.53	1.831	
9,300.00	7,313.91	7,337.91	7,337.91	35.64	258.25	-90.73	232.11	-1,586.89	419.59	138.20	281.38	1.491	Level 3
9,400.00	7,313.31	7,337.31	7,337.31	37.08	258.23	-90.54	232.11	-1,586.89	331.76	47.31	284.45	1.166	Level 2
9,500.00	7,312.72	7,336.72	7,336.72	38.53	258.21	-90.35	232.11	-1,586.89	253.14	-36.43	289.57	0.874	Level 1
9,600.00	7,312.12	7,336.12	7,336.12	40.01	258.19	-90.15	232.11	-1,586.89	195.17	-101.45	296.62	0.658	Level 1
9,679.94	7,311.65	7,335.65	7,335.65	41.20	258.17	-90.00	232.11	-1,586.89	178.04	-121.86	299.90	0.594	Level 1, CC, ES, SF
9,700.00	7,311.53	7,335.53	7,335.53	41.50	258.16	-89.96	232.11	-1,586.89	179.17	-120.60	299.77	0.598	Level 1
9,800.00	7,310.93	7,334.93	7,334.93	43.00	258.14	-89.77	232.11	-1,586.89	214.74	-79.80	294.54	0.729	Level 1
9,900.00	7,310.33	7,334.33	7,334.33	44.52	258.12	-89.58	232.11	-1,586.89	283.06	-5.21	288.26	0.982	Level 1
10,000.00	7,309.74	7,333.74	7,333.74	46.05	258.10	-89.39	232.11	-1,586.89	366.24	82.13	284.11	1.289	Level 3
10,100.00	7,309.14	7,333.14	7,333.14	47.58	258.08	-89.19	232.11	-1,586.89	456.22	174.63	281.59	1.620	
10,200.00	7,308.55	7,332.55	7,332.55	49.13	258.06	-89.00	232.11	-1,586.89	549.68	269.66	280.02	1.963	
10,300.00	7,307.95	7,331.95	7,331.95	50.68	258.04	-88.81	232.11	-1,586.89	645.10	366.09	279.01	2.312	
10,400.00	7,307.35	7,331.35	7,331.35	52.24	258.02	-88.62	232.11	-1,586.89	741.73	463.39	278.34	2.665	
10,500.00	7,306.76	7,330.76	7,330.76	53.81	258.00	-88.43	232.11	-1,586.89	839.15	561.28	277.87	3.020	
10,600.00	7,306.16	7,330.16	7,330.16	55.39	257.97	-88.24	232.11	-1,586.89	937.11	659.57	277.54	3.377	
10,700.00	7,305.57	7,329.57	7,329.57	56.97	257.95	-88.04	232.11	-1,586.89	1,035.46	758.16	277.30	3.734	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - S B H 1 - Amirmex P&A Well - No Surveys

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,800.00	7,304.97	7,328.97	7,328.97	58.55	257.93	-87.85	232.11	-1,586.89	1,134.10	856.98	277.12	4.092	
10,900.00	7,304.37	7,328.37	7,328.37	60.14	257.91	-87.66	232.11	-1,586.89	1,232.96	955.96	276.99	4.451	
11,000.00	7,303.78	7,327.78	7,327.78	61.74	257.89	-87.47	232.11	-1,586.89	1,331.99	1,055.08	276.90	4.810	
11,100.00	7,303.18	7,327.18	7,327.18	63.34	257.87	-87.28	232.11	-1,586.89	1,431.15	1,154.31	276.84	5.170	
11,200.00	7,302.59	7,326.59	7,326.59	64.94	257.85	-87.09	232.11	-1,586.89	1,530.42	1,253.63	276.80	5.529	
11,300.00	7,301.99	7,325.99	7,325.99	66.55	257.83	-86.90	232.11	-1,586.89	1,629.78	1,353.01	276.77	5.889	
11,400.00	7,301.39	7,325.39	7,325.39	68.16	257.81	-86.70	232.11	-1,586.89	1,729.22	1,452.46	276.75	6.248	
11,500.00	7,300.80	7,324.80	7,324.80	69.77	257.78	-86.51	232.11	-1,586.89	1,828.71	1,551.96	276.75	6.608	
11,600.00	7,300.20	7,324.20	7,324.20	71.38	257.76	-86.32	232.11	-1,586.89	1,928.26	1,651.50	276.76	6.967	
11,700.00	7,299.61	7,323.61	7,323.61	73.00	257.74	-86.13	232.11	-1,586.89	2,027.85	1,751.08	276.78	7.327	
11,800.00	7,299.01	7,323.01	7,323.01	74.62	257.72	-85.94	232.11	-1,586.89	2,127.48	1,850.68	276.80	7.686	
11,900.00	7,298.41	7,322.41	7,322.41	76.25	257.70	-85.75	232.11	-1,586.89	2,227.15	1,950.32	276.83	8.045	
12,000.00	7,297.82	7,321.82	7,321.82	77.87	257.68	-85.56	232.11	-1,586.89	2,326.84	2,049.98	276.86	8.404	
12,100.00	7,297.22	7,321.22	7,321.22	79.50	257.66	-85.37	232.11	-1,586.89	2,426.55	2,149.66	276.90	8.763	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - WEBER 6-13 - Noble SI Well - Actual Coretech Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	29.45	29.45	3.28	3.28	-122.09	-945.71	-1,507.98	1,780.00				
100.00	100.00	133.24	133.23	3.28	3.29	-122.11	-945.99	-1,507.55	1,779.78	1,772.42	7.36	241.658	
200.00	200.00	233.53	233.53	3.31	3.33	-122.12	-946.01	-1,507.16	1,779.47	1,772.04	7.43	239.616	
217.53	217.53	250.88	250.88	3.31	3.34	169.23	-946.00	-1,507.10	1,779.44	1,772.00	7.44	239.099	
300.00	300.00	332.89	332.89	3.35	3.40	169.23	-945.99	-1,506.84	1,779.61	1,772.07	7.54	236.069	
400.00	399.93	431.76	431.76	3.41	3.49	169.23	-946.09	-1,506.47	1,782.77	1,775.07	7.70	231.529	
500.00	499.68	528.61	528.60	3.50	3.61	169.24	-946.14	-1,506.30	1,789.51	1,781.60	7.91	226.335	
600.00	599.13	628.60	628.59	3.62	3.74	169.25	-946.43	-1,506.08	1,799.74	1,791.59	8.15	220.738	
700.00	698.15	728.13	728.12	3.76	3.89	169.28	-946.53	-1,505.81	1,813.25	1,804.82	8.43	215.090	
800.00	796.80	821.44	821.43	3.93	3.99	169.35	-946.74	-1,505.81	1,829.47	1,820.78	8.69	210.511	
900.00	895.43	926.69	926.69	4.14	4.06	169.46	-946.45	-1,505.93	1,845.63	1,836.71	8.92	206.825	
1,000.00	994.06	1,023.75	1,023.74	4.36	4.11	169.57	-945.82	-1,506.15	1,861.70	1,852.54	9.16	203.148	
1,100.00	1,092.69	1,118.36	1,118.35	4.61	4.18	169.68	-945.19	-1,506.56	1,877.95	1,868.52	9.43	199.236	
1,200.00	1,191.33	1,214.20	1,214.18	4.87	4.25	169.79	-944.62	-1,507.14	1,894.38	1,884.67	9.71	195.108	
1,300.00	1,289.96	1,312.29	1,312.27	5.14	4.35	169.90	-944.10	-1,507.81	1,910.92	1,900.90	10.02	190.656	
1,400.00	1,388.59	1,416.24	1,416.22	5.43	4.48	170.01	-943.69	-1,508.18	1,927.26	1,916.88	10.38	185.592	
1,500.00	1,487.22	1,507.01	1,506.99	5.73	4.61	170.10	-943.36	-1,508.63	1,943.74	1,932.99	10.75	180.823	
1,600.00	1,585.85	1,603.17	1,603.14	6.03	4.75	170.21	-942.94	-1,509.42	1,960.46	1,949.34	11.13	176.145	
1,700.00	1,684.48	1,697.28	1,697.25	6.34	4.89	170.31	-942.52	-1,510.40	1,977.37	1,965.85	11.53	171.545	
1,800.00	1,783.11	1,797.09	1,797.05	6.66	5.06	170.42	-942.19	-1,511.46	1,994.37	1,982.42	11.95	166.917	
1,900.00	1,881.75	1,899.31	1,899.27	6.84	5.24	170.51	-942.01	-1,512.30	2,011.24	1,999.17	12.06	166.732	
2,000.00	1,980.38	2,000.43	2,000.39	6.87	5.44	170.61	-941.63	-1,513.06	2,027.96	2,015.68	12.28	165.117	
2,100.00	2,079.01	2,096.31	2,096.26	6.93	5.65	170.71	-941.08	-1,513.90	2,044.69	2,032.17	12.52	163.294	
2,200.00	2,177.64	2,193.67	2,193.62	6.99	5.86	170.81	-940.69	-1,514.75	2,061.52	2,048.73	12.78	161.287	
2,300.00	2,276.27	2,302.41	2,302.35	7.08	6.10	170.90	-940.60	-1,515.25	2,078.15	2,065.07	13.08	158.864	
2,400.00	2,374.90	2,390.43	2,390.37	7.18	6.27	170.96	-940.84	-1,515.48	2,094.79	2,081.47	13.32	157.232	
2,500.00	2,473.53	2,493.08	2,493.02	7.29	6.43	171.02	-941.44	-1,515.77	2,111.61	2,098.03	13.57	155.559	
2,600.00	2,572.17	2,603.34	2,603.28	7.41	6.57	171.08	-942.04	-1,515.59	2,128.04	2,114.21	13.83	153.925	
2,700.00	2,670.80	2,709.62	2,709.56	7.55	6.71	171.14	-942.22	-1,515.09	2,144.01	2,129.94	14.08	152.287	
2,800.00	2,769.43	2,787.30	2,787.23	7.70	6.84	171.19	-942.38	-1,515.05	2,160.36	2,146.02	14.34	150.676	
2,900.00	2,868.06	2,888.76	2,888.70	7.86	7.02	171.25	-942.98	-1,515.27	2,177.13	2,162.48	14.66	148.548	
3,000.00	2,966.69	2,983.78	2,983.71	8.03	7.19	171.30	-943.72	-1,515.28	2,193.82	2,178.85	14.97	146.526	
3,100.00	3,065.32	3,075.52	3,075.45	8.21	7.37	171.34	-944.58	-1,515.47	2,210.77	2,195.46	15.31	144.436	
3,200.00	3,163.95	3,175.08	3,175.00	8.40	7.56	171.38	-945.75	-1,515.75	2,227.89	2,212.22	15.67	142.142	
3,300.00	3,262.59	3,279.12	3,279.03	8.60	7.77	171.42	-947.06	-1,515.77	2,244.84	2,228.78	16.06	139.774	
3,400.00	3,361.22	3,383.56	3,383.46	8.80	7.98	171.45	-948.35	-1,515.50	2,261.53	2,245.07	16.46	137.437	
3,500.00	3,459.85	3,484.40	3,484.29	9.02	8.18	171.48	-949.54	-1,515.04	2,278.03	2,261.17	16.85	135.182	
3,600.00	3,558.48	3,582.49	3,582.38	9.24	8.39	171.52	-950.51	-1,514.67	2,294.50	2,277.24	17.26	132.963	
3,700.00	3,657.11	3,677.40	3,677.29	9.46	8.60	171.56	-951.27	-1,514.50	2,311.05	2,293.38	17.68	130.741	
3,800.00	3,755.74	3,781.54	3,781.42	9.70	8.84	171.61	-951.71	-1,514.57	2,327.63	2,309.50	18.13	128.378	
3,900.00	3,854.37	3,869.76	3,869.64	9.94	9.04	171.66	-951.93	-1,514.70	2,344.20	2,325.65	18.55	126.369	
4,000.00	3,953.01	3,968.77	3,968.66	10.18	9.27	171.72	-952.06	-1,515.36	2,361.16	2,342.15	19.00	124.250	
4,100.00	4,051.64	4,072.54	4,072.42	10.43	9.52	171.79	-952.10	-1,515.80	2,377.86	2,358.38	19.48	122.060	
4,200.00	4,150.27	4,174.70	4,174.59	10.68	9.78	171.85	-952.20	-1,516.01	2,394.41	2,374.44	19.97	119.905	
4,300.00	4,248.90	4,269.83	4,269.71	10.94	10.02	171.90	-952.28	-1,516.17	2,410.93	2,390.48	20.45	117.900	
4,400.00	4,347.53	4,359.78	4,359.66	11.20	10.25	171.95	-952.68	-1,516.44	2,427.73	2,406.80	20.92	116.035	
4,500.00	4,446.16	4,463.90	4,463.78	11.47	10.52	171.99	-953.46	-1,516.64	2,444.57	2,423.14	21.44	114.037	
4,600.00	4,544.79	4,559.69	4,559.56	11.74	10.77	172.03	-954.07	-1,516.76	2,461.33	2,439.40	21.93	112.219	
4,700.00	4,643.43	4,657.21	4,657.08	12.01	11.03	172.07	-954.90	-1,516.98	2,478.26	2,455.82	22.44	110.426	
4,800.00	4,742.06	4,752.41	4,752.28	12.28	11.28	172.11	-955.52	-1,517.27	2,495.18	2,472.23	22.95	108.715	
7,600.00	7,300.04	7,303.47	7,296.27	18.55	17.86	-68.22	-965.90	-1,531.55	2,447.96	2,412.33	35.63	68.706	
7,700.00	7,318.98	7,316.23	7,315.97	18.85	17.95	-79.97	-966.13	-1,531.70	2,368.39	2,332.44	35.95	65.880	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-66W-06 Offsets - WEBER 6-13 - Noble SI Well - Actual Coretech Surveys (Grid to True)

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
7,800.00	7,322.85	7,320.88	7,320.62	19.26	17.98	-89.19	-966.18	-1,531.74	2,288.09	2,251.80	36.29	63.050	
7,900.00	7,322.26	7,321.07	7,320.80	19.79	17.98	-89.20	-966.19	-1,531.74	2,209.03	2,172.35	36.68	60.220	
8,000.00	7,321.66	7,321.25	7,320.99	20.45	17.99	-89.21	-966.19	-1,531.74	2,131.73	2,094.56	37.17	57.350	
8,100.00	7,321.06	7,321.44	7,321.18	21.22	17.99	-89.22	-966.19	-1,531.74	2,056.40	2,018.63	37.76	54.454	
8,200.00	7,320.47	7,321.63	7,321.37	22.09	17.99	-89.23	-966.19	-1,531.74	1,983.24	1,944.77	38.47	51.552	
8,300.00	7,319.87	7,321.82	7,321.56	23.05	17.99	-89.23	-966.19	-1,531.74	1,912.51	1,873.21	39.30	48.666	
8,400.00	7,319.28	7,322.01	7,321.75	24.08	17.99	-89.24	-966.20	-1,531.74	1,844.50	1,804.24	40.25	45.822	
8,500.00	7,318.68	7,322.20	7,321.93	25.18	17.99	-89.25	-966.20	-1,531.75	1,779.50	1,738.16	41.34	43.046	
8,600.00	7,318.08	7,322.38	7,322.12	26.35	17.99	-89.26	-966.20	-1,531.75	1,717.88	1,675.32	42.56	40.367	
8,700.00	7,317.49	7,322.57	7,322.31	27.56	18.00	-89.27	-966.20	-1,531.75	1,659.99	1,616.09	43.90	37.813	
8,800.00	7,316.89	7,322.76	7,322.50	28.82	18.00	-89.27	-966.20	-1,531.75	1,606.25	1,560.89	45.36	35.409	
8,900.00	7,316.29	7,322.95	7,322.69	30.12	18.00	-89.28	-966.21	-1,531.75	1,557.08	1,510.15	46.93	33.178	
9,000.00	7,315.70	7,323.14	7,322.87	31.46	18.00	-89.29	-966.21	-1,531.75	1,512.94	1,464.35	48.59	31.139	
9,100.00	7,315.10	7,323.33	7,323.06	32.82	18.00	-89.30	-966.21	-1,531.75	1,474.26	1,423.96	50.30	29.308	
9,200.00	7,314.51	7,323.51	7,323.25	34.22	18.00	-89.30	-966.21	-1,531.76	1,441.50	1,389.45	52.05	27.697	
9,300.00	7,313.91	7,323.70	7,323.44	35.64	18.00	-89.31	-966.22	-1,531.76	1,415.05	1,361.27	53.78	26.311	
9,400.00	7,313.31	7,323.89	7,323.63	37.08	18.00	-89.32	-966.22	-1,531.76	1,395.30	1,339.82	55.47	25.154	
9,500.00	7,312.72	7,324.08	7,323.82	38.53	18.01	-89.33	-966.22	-1,531.76	1,382.50	1,325.43	57.07	24.224	
9,600.00	7,312.12	7,324.27	7,324.00	40.01	18.01	-89.34	-966.22	-1,531.76	1,376.87	1,318.33	58.55	23.517	
9,627.66	7,311.96	7,324.32	7,324.06	40.42	18.01	-89.34	-966.22	-1,531.76	1,376.60	1,317.67	58.93	23.359	CC, ES
9,700.00	7,311.53	7,324.46	7,324.19	41.50	18.01	-89.34	-966.22	-1,531.76	1,378.50	1,318.63	59.87	23.026	
9,800.00	7,310.93	7,324.64	7,324.38	43.00	18.01	-89.35	-966.23	-1,531.76	1,387.34	1,326.34	61.01	22.741	
9,900.00	7,310.33	7,324.83	7,324.57	44.52	18.01	-89.36	-966.23	-1,531.77	1,403.28	1,341.33	61.95	22.652	SF
10,000.00	7,309.74	7,325.02	7,324.76	46.05	18.01	-89.37	-966.23	-1,531.77	1,426.06	1,363.37	62.70	22.745	
10,100.00	7,309.14	7,325.21	7,324.95	47.58	18.01	-89.38	-966.23	-1,531.77	1,455.38	1,392.12	63.25	23.009	
10,200.00	7,308.55	7,325.40	7,325.13	49.13	18.01	-89.38	-966.24	-1,531.77	1,490.83	1,427.21	63.63	23.430	
10,300.00	7,307.95	7,325.59	7,325.32	50.68	18.02	-89.39	-966.24	-1,531.77	1,532.01	1,468.17	63.84	23.996	
10,400.00	7,307.35	7,325.77	7,325.51	52.24	18.02	-89.40	-966.24	-1,531.77	1,578.46	1,514.53	63.92	24.694	
10,500.00	7,306.76	7,325.96	7,325.70	53.81	18.02	-89.41	-966.24	-1,531.78	1,629.72	1,565.84	63.88	25.512	
10,600.00	7,306.16	7,326.15	7,325.89	55.39	18.02	-89.41	-966.24	-1,531.78	1,685.37	1,621.62	63.75	26.439	
10,700.00	7,305.57	7,326.34	7,326.08	56.97	18.02	-89.42	-966.25	-1,531.78	1,744.97	1,681.44	63.53	27.465	
10,800.00	7,304.97	7,326.53	7,326.26	58.55	18.02	-89.43	-966.25	-1,531.78	1,808.15	1,744.88	63.27	28.580	
10,900.00	7,304.37	7,326.72	7,326.45	60.14	18.02	-89.44	-966.25	-1,531.78	1,874.53	1,811.58	62.95	29.776	
11,000.00	7,303.78	7,326.90	7,326.64	61.74	18.03	-89.45	-966.25	-1,531.78	1,943.79	1,881.18	62.61	31.045	
11,100.00	7,303.18	7,327.09	7,326.83	63.34	18.03	-89.45	-966.25	-1,531.78	2,015.64	1,953.39	62.25	32.380	
11,200.00	7,302.59	7,327.28	7,327.02	64.94	18.03	-89.46	-966.26	-1,531.79	2,089.80	2,027.92	61.88	33.773	
11,300.00	7,301.99	7,327.47	7,327.21	66.55	18.03	-89.47	-966.26	-1,531.79	2,166.04	2,104.54	61.50	35.220	
11,400.00	7,301.39	7,327.66	7,327.39	68.16	18.03	-89.48	-966.26	-1,531.79	2,244.15	2,183.02	61.12	36.715	
11,500.00	7,300.80	7,327.85	7,327.58	69.77	18.03	-89.48	-966.26	-1,531.79	2,323.93	2,263.18	60.75	38.253	
11,600.00	7,300.20	7,328.03	7,327.77	71.38	18.03	-89.49	-966.27	-1,531.79	2,405.23	2,344.84	60.39	39.831	
11,700.00	7,299.61	7,328.22	7,327.96	73.00	18.03	-89.50	-966.27	-1,531.79	2,487.89	2,427.86	60.03	41.443	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 6N-67W-01 Offsets Incomplete - Simonsen 1Q-241 - PDC PR Well - Actual Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 152-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
13,400.00	7,289.47	11,669.09	7,130.19	100.80	108.46	-25.69	317.25	-7,731.21	2,431.95	2,304.75	127.19	19.120	
13,500.00	7,288.88	11,671.06	7,130.19	102.44	108.50	-25.12	319.22	-7,731.28	2,332.24	2,204.93	127.30	18.320	
13,600.00	7,288.28	11,673.10	7,130.19	104.09	108.54	-24.54	321.26	-7,731.36	2,232.55	2,105.13	127.42	17.522	
13,700.00	7,287.69	11,675.21	7,130.19	105.74	108.59	-23.92	323.37	-7,731.43	2,132.89	2,005.36	127.53	16.725	
13,800.00	7,287.09	11,677.40	7,130.19	107.39	108.64	-23.28	325.56	-7,731.51	2,033.26	1,905.62	127.64	15.930	
13,900.00	7,286.49	11,679.66	7,130.18	109.04	108.68	-22.61	327.82	-7,731.60	1,933.66	1,805.91	127.75	15.136	
14,000.00	7,285.90	11,682.01	7,130.18	110.69	108.74	-21.91	330.16	-7,731.69	1,834.10	1,706.24	127.86	14.344	
14,100.00	7,285.30	11,684.44	7,130.18	112.34	108.79	-21.17	332.59	-7,731.78	1,734.59	1,606.61	127.98	13.554	
14,200.00	7,284.71	11,686.96	7,130.18	113.99	108.84	-20.40	335.11	-7,731.88	1,635.14	1,507.04	128.09	12.765	
14,300.00	7,284.11	11,689.58	7,130.17	115.64	108.90	-19.59	337.73	-7,731.98	1,535.74	1,407.53	128.21	11.978	
14,400.00	7,283.51	11,694.00	7,130.16	117.30	108.99	-18.21	342.14	-7,732.16	1,436.43	1,308.09	128.34	11.192	
14,500.00	7,282.92	11,695.59	7,130.16	118.95	109.03	-17.71	343.74	-7,732.23	1,337.21	1,208.75	128.46	10.410	
14,600.00	7,282.32	11,699.59	7,130.15	120.61	109.12	-16.43	347.73	-7,732.40	1,238.10	1,109.50	128.59	9.628	
14,700.00	7,281.73	11,703.55	7,130.14	122.26	109.20	-15.15	351.68	-7,732.56	1,139.13	1,010.39	128.74	8.848	
14,800.00	7,281.13	11,707.46	7,130.12	123.92	109.29	-13.86	355.59	-7,732.72	1,040.35	911.45	128.90	8.071	
14,900.00	7,280.53	11,711.33	7,130.09	125.57	109.38	-12.58	359.46	-7,732.88	941.80	812.72	129.09	7.296	
15,000.00	7,279.94	11,715.16	7,130.07	127.23	109.46	-11.30	363.29	-7,733.03	843.59	714.26	129.33	6.523	
15,100.00	7,279.34	11,718.95	7,130.04	128.89	109.54	-10.02	367.08	-7,733.18	745.82	616.17	129.66	5.752	
15,200.00	7,278.75	11,722.70	7,130.00	130.54	109.63	-8.74	370.82	-7,733.33	648.72	518.58	130.14	4.985	
15,257.27	7,278.40	11,724.83	7,129.98	131.49	109.67	-8.01	372.95	-7,733.42	593.53	463.01	130.52	4.547	CC, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-66W-31 Offsets Incomplete - Schneider X-31-36HN - PDC Planned Well - Planned Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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	18.00	18.00	3.28	3.28	3.62	2,290.77	145.11	2,295.36				
100.00	100.00	118.00	118.00	3.28	3.28	3.62	2,290.77	145.11	2,295.36	2,287.94	7.42	309.324	
200.00	200.00	228.15	228.15	3.31	3.31	3.63	2,290.71	145.14	2,295.32	2,287.85	7.47	307.258	
300.00	300.00	384.46	384.42	3.35	3.39	-65.03	2,288.02	146.23	2,293.47	2,285.88	7.59	302.284	
400.00	399.93	540.40	540.20	3.41	3.51	-65.18	2,281.41	148.93	2,287.88	2,280.11	7.77	294.378	
500.00	499.68	695.56	694.94	3.50	3.71	-65.48	2,270.95	153.21	2,278.39	2,270.36	8.03	283.724	
600.00	599.13	849.55	848.16	3.62	3.98	-65.93	2,256.72	159.02	2,265.06	2,256.70	8.36	270.868	
700.00	698.15	1,001.98	999.36	3.76	4.33	-66.53	2,238.90	166.31	2,247.97	2,239.20	8.77	256.452	
800.00	796.80	1,152.73	1,148.34	3.93	4.77	-66.96	2,217.62	175.01	2,227.58	2,218.34	9.24	241.096	
900.00	895.43	1,302.15	1,295.37	4.14	5.30	-67.27	2,192.95	185.09	2,204.88	2,195.11	9.77	225.685	
1,000.00	994.06	1,450.10	1,440.20	4.36	5.93	-67.54	2,165.03	196.50	2,179.92	2,169.56	10.36	210.448	
1,100.00	1,092.69	1,596.39	1,582.61	4.61	6.64	-67.78	2,134.04	209.17	2,152.73	2,141.74	11.00	195.789	
1,200.00	1,191.33	1,709.57	1,692.25	4.87	7.25	-67.94	2,108.05	219.79	2,123.81	2,112.22	11.59	183.241	
1,300.00	1,289.96	1,805.13	1,784.77	5.14	7.79	-68.08	2,085.93	228.83	2,094.75	2,082.59	12.16	172.222	
1,400.00	1,388.59	1,900.69	1,877.30	5.43	8.34	-68.22	2,063.81	237.87	2,065.71	2,052.95	12.75	161.956	
1,500.00	1,487.22	1,996.25	1,969.83	5.73	8.90	-68.37	2,041.69	246.91	2,036.68	2,023.31	13.36	152.419	
1,600.00	1,585.85	2,108.19	2,062.35	6.03	9.57	-68.52	2,019.58	255.95	2,007.66	1,993.61	14.04	142.973	
1,700.00	1,684.48	2,187.38	2,154.88	6.34	10.04	-68.67	1,997.46	264.99	1,978.65	1,964.03	14.62	135.375	
1,800.00	1,783.11	2,282.94	2,247.41	6.66	10.63	-68.83	1,975.34	274.03	1,949.66	1,934.40	15.26	127.776	
1,900.00	1,881.75	2,378.50	2,339.93	6.84	11.21	-68.99	1,953.22	283.07	1,920.68	1,905.11	15.57	123.397	
2,000.00	1,980.38	2,474.06	2,432.46	6.87	11.81	-69.16	1,931.10	292.11	1,891.71	1,875.76	15.95	118.599	
2,100.00	2,079.01	2,569.62	2,524.98	6.93	12.40	-69.34	1,908.98	301.15	1,862.76	1,846.41	16.35	113.912	
2,200.00	2,177.64	2,665.19	2,617.51	6.99	13.00	-69.52	1,886.87	310.19	1,833.83	1,817.06	16.77	109.346	
2,300.00	2,276.27	2,760.75	2,710.04	7.08	13.60	-69.70	1,864.75	319.23	1,804.92	1,787.71	17.20	104.912	
2,400.00	2,374.90	2,856.31	2,802.56	7.18	14.20	-69.89	1,842.63	328.27	1,776.02	1,758.37	17.65	100.615	
2,500.00	2,473.53	2,951.87	2,895.09	7.29	14.81	-70.09	1,820.51	337.31	1,747.14	1,729.03	18.11	96.460	
2,600.00	2,572.17	3,047.43	2,987.61	7.41	15.42	-70.29	1,798.39	346.35	1,718.28	1,699.70	18.59	92.449	
2,700.00	2,670.80	3,142.99	3,080.14	7.55	16.03	-70.51	1,776.27	355.39	1,689.44	1,670.37	19.07	88.586	
2,800.00	2,769.43	3,238.56	3,172.67	7.70	16.64	-70.72	1,754.16	364.43	1,660.63	1,641.06	19.57	84.868	
2,900.00	2,868.06	3,334.12	3,265.19	7.86	17.25	-70.95	1,732.04	373.47	1,631.84	1,611.76	20.07	81.295	
3,000.00	2,966.69	3,429.68	3,357.72	8.03	17.86	-71.19	1,709.92	382.51	1,603.07	1,582.48	20.59	77.865	
3,100.00	3,065.32	3,525.24	3,450.25	8.21	18.48	-71.43	1,687.80	391.55	1,574.32	1,553.21	21.11	74.575	
3,200.00	3,163.95	3,620.80	3,542.77	8.40	19.09	-71.68	1,665.68	400.59	1,545.61	1,523.97	21.64	71.420	
3,300.00	3,262.59	3,716.36	3,635.30	8.60	19.71	-71.94	1,643.56	409.63	1,516.92	1,494.74	22.18	68.398	
3,400.00	3,361.22	3,811.93	3,727.82	8.80	20.32	-72.21	1,621.44	418.67	1,488.26	1,465.54	22.72	65.503	
3,500.00	3,459.85	3,907.49	3,820.35	9.02	20.94	-72.49	1,599.33	427.71	1,459.64	1,436.37	23.27	62.731	
3,600.00	3,558.48	4,003.05	3,912.88	9.24	21.56	-72.79	1,577.21	436.75	1,431.05	1,407.23	23.82	60.076	
3,700.00	3,657.11	4,101.39	4,005.40	9.46	22.20	-73.09	1,555.09	445.79	1,402.49	1,378.10	24.39	57.509	
3,800.00	3,755.74	4,205.83	4,097.93	9.70	22.87	-73.41	1,532.97	454.83	1,373.97	1,348.99	24.98	55.002	
3,900.00	3,854.37	4,289.74	4,190.46	9.94	23.42	-73.74	1,510.85	463.87	1,345.50	1,320.00	25.50	52.770	
4,000.00	3,953.01	4,385.30	4,282.98	10.18	24.04	-74.09	1,488.73	472.91	1,317.06	1,291.00	26.06	50.537	
4,100.00	4,051.64	4,480.86	4,375.51	10.43	24.66	-74.45	1,466.62	481.95	1,288.68	1,262.05	26.63	48.398	
4,200.00	4,150.27	4,576.42	4,468.03	10.68	25.28	-74.82	1,444.50	490.99	1,260.34	1,233.15	27.19	46.349	
4,300.00	4,248.90	4,671.98	4,560.56	10.94	25.90	-75.22	1,422.38	500.03	1,232.06	1,204.30	27.76	44.384	
4,400.00	4,347.53	4,767.54	4,653.09	11.20	26.52	-75.63	1,400.26	509.07	1,203.83	1,175.50	28.33	42.499	
4,500.00	4,446.16	4,863.11	4,745.61	11.47	27.14	-76.06	1,378.14	518.11	1,175.66	1,146.77	28.89	40.691	
4,600.00	4,544.79	4,958.67	4,838.14	11.74	27.77	-76.51	1,356.02	527.15	1,147.56	1,118.10	29.46	38.956	
4,700.00	4,643.43	5,054.23	4,930.67	12.01	28.39	-76.99	1,333.91	536.19	1,119.52	1,089.50	30.02	37.290	
4,800.00	4,742.06	5,149.79	5,023.19	12.28	29.01	-77.49	1,311.79	545.23	1,091.57	1,060.98	30.58	35.690	
4,900.00	4,840.69	5,229.79	5,100.76	12.56	29.44	-77.93	1,293.66	552.64	1,064.22	1,033.14	31.09	34.233	
5,000.00	4,939.32	5,305.72	5,174.72	12.84	29.76	-78.39	1,277.80	559.12	1,038.76	1,007.21	31.55	32.920	
5,100.00	5,037.95	5,382.30	5,249.66	13.12	30.07	-78.89	1,263.18	565.10	1,015.28	983.27	32.00	31.723	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-66W-31 Offsets Incomplete - Schneider X-31-36HN - PDC Planned Well - Planned Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
5,200.00	5,136.58	5,459.50	5,325.50	13.41	30.35	-79.44	1,249.86	570.54	993.82	961.38	32.44	30.635	
5,300.00	5,235.22	5,537.25	5,402.17	13.69	30.62	-80.03	1,237.87	575.44	974.42	941.56	32.86	29.652	
5,400.00	5,333.85	5,615.50	5,479.58	13.98	30.87	-80.66	1,227.28	579.77	957.14	923.87	33.27	28.768	
5,500.00	5,432.48	5,694.19	5,557.63	14.27	31.10	-81.34	1,218.10	583.52	942.02	908.36	33.67	27.981	
5,600.00	5,531.11	5,773.24	5,636.25	14.57	31.30	-82.05	1,210.38	586.68	929.11	895.06	34.05	27.289	
5,700.00	5,629.74	5,852.61	5,715.32	14.86	31.48	-82.79	1,204.15	589.22	918.43	884.01	34.42	26.685	
5,800.00	5,728.37	5,932.20	5,794.76	15.16	31.64	-83.57	1,199.43	591.15	910.02	875.24	34.78	26.167	
5,900.00	5,827.00	6,011.97	5,874.45	15.45	31.77	-84.37	1,196.24	592.46	903.92	868.79	35.13	25.731	
6,000.00	5,925.64	6,091.84	5,954.30	15.75	31.88	-85.19	1,194.58	593.13	900.14	864.67	35.47	25.376	
6,100.00	6,024.27	6,179.81	6,042.27	16.05	32.00	-86.11	1,194.33	593.24	898.52	862.66	35.86	25.054	
6,200.00	6,122.90	6,278.45	6,140.90	16.35	32.12	-87.14	1,194.33	593.24	897.54	861.22	36.32	24.713	
6,300.00	6,221.53	6,377.08	6,239.53	16.66	32.25	-88.18	1,194.33	593.24	896.86	860.07	36.79	24.380	
6,400.00	6,320.16	6,475.71	6,338.16	16.96	32.37	-89.22	1,194.33	593.24	896.48	859.21	37.26	24.058	
6,475.09	6,394.22	6,549.77	6,412.22	17.19	32.47	-90.00	1,194.33	593.24	896.39	858.76	37.63	23.821	
6,500.00	6,418.79	6,574.34	6,436.79	17.26	32.50	-90.26	1,194.33	593.24	896.40	858.65	37.75	23.744	
6,600.00	6,517.42	6,672.97	6,535.42	17.57	32.62	-91.30	1,194.33	593.24	896.63	858.38	38.25	23.440	
6,700.00	6,616.13	6,771.68	6,634.13	17.86	32.75	-85.49	1,194.33	593.24	896.94	858.19	38.75	23.147	
6,800.00	6,715.79	6,830.35	6,692.65	18.05	32.79	12.17	1,194.29	589.13	895.38	856.46	38.92	23.008	
6,900.00	6,814.75	6,900.00	6,761.28	18.17	32.82	49.12	1,194.19	577.47	891.52	852.48	39.03	22.840	
7,000.00	6,910.58	6,957.05	6,816.28	18.23	32.80	56.65	1,194.05	562.37	885.31	846.34	38.96	22.721	
7,100.00	7,000.92	7,020.52	6,875.59	18.24	32.77	60.31	1,193.85	539.87	876.97	838.10	38.87	22.561	
7,200.00	7,083.54	7,084.28	6,932.64	18.23	32.72	63.04	1,193.59	511.44	866.72	827.96	38.76	22.362	
7,300.00	7,156.41	7,148.52	6,986.93	18.22	32.65	65.57	1,193.28	477.17	854.90	816.18	38.72	22.079	
7,400.00	7,217.74	7,213.42	7,038.01	18.25	32.57	68.15	1,192.91	437.17	841.98	803.18	38.81	21.696	
7,500.00	7,266.01	7,279.23	7,085.37	18.35	32.47	70.89	1,192.50	391.52	828.54	789.41	39.13	21.172	
7,600.00	7,300.04	7,346.21	7,128.47	18.55	32.37	73.78	1,192.03	340.29	815.26	775.49	39.77	20.498	
7,700.00	7,318.98	7,414.71	7,166.74	18.85	32.27	76.82	1,191.52	283.52	802.94	762.23	40.70	19.726	
7,800.00	7,322.85	7,485.33	7,199.57	19.26	32.17	79.72	1,190.95	221.04	792.46	750.48	41.98	18.877	
7,900.00	7,322.26	7,561.97	7,227.13	19.79	32.06	81.73	1,190.30	149.58	785.44	741.84	43.60	18.015	
8,000.00	7,321.66	7,645.08	7,247.08	20.45	31.97	83.20	1,189.57	68.97	781.42	735.90	45.52	17.168	
8,100.00	7,321.06	7,732.38	7,256.56	21.22	31.95	83.93	1,188.78	-17.75	779.44	731.73	47.72	16.334	
8,200.00	7,320.47	7,828.05	7,256.25	22.09	32.07	83.94	1,187.91	-113.40	778.73	728.36	50.37	15.460	
8,300.00	7,319.87	7,928.05	7,255.01	23.05	32.67	83.89	1,187.01	-213.38	778.13	724.69	53.44	14.561	
8,400.00	7,319.28	8,028.04	7,253.78	24.08	34.20	83.84	1,186.10	-313.37	777.52	720.71	56.81	13.686	
8,500.00	7,318.68	8,128.04	7,252.54	25.18	36.42	83.78	1,185.19	-413.35	776.91	716.48	60.43	12.856	
8,600.00	7,318.08	8,228.03	7,251.30	26.35	38.96	83.73	1,184.28	-513.33	776.31	712.06	64.25	12.082	
8,700.00	7,317.49	8,328.03	7,250.06	27.56	41.68	83.68	1,183.37	-613.32	775.71	707.46	68.24	11.367	
8,800.00	7,316.89	8,428.02	7,248.82	28.82	44.51	83.63	1,182.46	-713.30	775.10	702.73	72.37	10.710	
8,900.00	7,316.29	8,528.02	7,247.58	30.12	47.43	83.57	1,181.56	-813.29	774.50	697.89	76.61	10.109	
9,000.00	7,315.70	8,628.01	7,246.34	31.46	50.42	83.52	1,180.65	-913.27	773.90	692.95	80.95	9.560	
9,100.00	7,315.10	8,728.01	7,245.10	32.82	53.46	83.47	1,179.74	-1,013.25	773.30	687.93	85.37	9.058	
9,200.00	7,314.51	8,828.01	7,243.86	34.22	56.55	83.41	1,178.83	-1,113.24	772.70	682.84	89.86	8.599	
9,300.00	7,313.91	8,928.00	7,242.62	35.64	59.68	83.36	1,177.92	-1,213.22	772.10	677.69	94.40	8.179	
9,400.00	7,313.31	9,028.00	7,241.38	37.08	62.84	83.31	1,177.02	-1,313.21	771.50	672.50	99.00	7.793	
9,500.00	7,312.72	9,127.99	7,240.15	38.53	66.02	83.25	1,176.11	-1,413.19	770.90	667.26	103.64	7.438	
9,600.00	7,312.12	9,227.99	7,238.91	40.01	69.23	83.20	1,175.20	-1,513.17	770.30	661.98	108.32	7.112	
9,700.00	7,311.53	9,327.98	7,237.67	41.50	72.46	83.15	1,174.29	-1,613.16	769.70	656.68	113.03	6.810	
9,800.00	7,310.93	9,427.98	7,236.43	43.00	75.71	83.09	1,173.38	-1,713.14	769.11	651.34	117.77	6.531	
9,900.00	7,310.33	9,527.98	7,235.19	44.52	78.97	83.04	1,172.48	-1,813.12	768.51	645.98	122.53	6.272	
10,000.00	7,309.74	9,627.97	7,233.95	46.05	82.25	82.99	1,171.57	-1,913.11	767.92	640.60	127.32	6.031	
10,100.00	7,309.14	9,727.97	7,232.71	47.58	85.54	82.93	1,170.66	-2,013.09	767.32	635.20	132.13	5.807	
10,200.00	7,308.55	9,827.96	7,231.47	49.13	88.84	82.88	1,169.75	-2,113.08	766.73	629.78	136.95	5.599	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-66W-31 Offsets Incomplete - Schneider X-31-36HN - PDC Planned Well - Planned Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
10,300.00	7,307.95	9,927.96	7,230.23	50.68	92.15	82.82	1,168.84	-2,213.06	766.13	624.34	141.79	5.403	
10,400.00	7,307.35	10,027.95	7,228.99	52.24	95.47	82.77	1,167.94	-2,313.04	765.54	618.89	146.65	5.220	
10,500.00	7,306.76	10,127.95	7,227.75	53.81	98.80	82.72	1,167.03	-2,413.03	764.95	613.43	151.52	5.049	
10,600.00	7,306.16	10,227.95	7,226.52	55.39	102.13	82.66	1,166.12	-2,513.01	764.36	607.96	156.39	4.887	
10,700.00	7,305.57	10,327.94	7,225.28	56.97	105.47	82.61	1,165.21	-2,612.99	763.77	602.48	161.28	4.736	
10,800.00	7,304.97	10,427.94	7,224.04	58.55	108.82	82.55	1,164.30	-2,712.98	763.18	597.00	166.18	4.592	
10,900.00	7,304.37	10,527.93	7,222.80	60.14	112.17	82.50	1,163.40	-2,812.96	762.59	591.50	171.09	4.457	
11,000.00	7,303.78	10,627.93	7,221.56	61.74	115.53	82.44	1,162.49	-2,912.95	762.00	586.00	176.00	4.329	
11,100.00	7,303.18	10,727.92	7,220.32	63.34	118.90	82.39	1,161.58	-3,012.93	761.41	580.49	180.93	4.208	
11,200.00	7,302.59	10,827.92	7,219.08	64.94	122.26	82.33	1,160.67	-3,112.91	760.83	574.97	185.85	4.094	
11,300.00	7,301.99	10,927.91	7,217.84	66.55	125.63	82.28	1,159.76	-3,212.90	760.24	569.45	190.79	3.985	
11,400.00	7,301.39	11,027.91	7,216.60	68.16	129.01	82.22	1,158.86	-3,312.88	759.65	563.93	195.73	3.881	
11,500.00	7,300.80	11,127.91	7,215.36	69.77	132.39	82.17	1,157.95	-3,412.87	759.07	558.40	200.67	3.783	
11,600.00	7,300.20	11,227.90	7,214.12	71.38	135.77	82.11	1,157.04	-3,512.85	758.49	552.87	205.62	3.689	
11,700.00	7,299.61	11,327.90	7,212.89	73.00	139.15	82.06	1,156.13	-3,612.83	757.90	547.34	210.57	3.599	
11,800.00	7,299.01	11,427.89	7,211.65	74.62	142.54	82.00	1,155.22	-3,712.82	757.32	541.80	215.52	3.514	
11,900.00	7,298.41	11,527.89	7,210.41	76.25	145.92	81.95	1,154.32	-3,812.80	756.74	536.26	220.48	3.432	
12,000.00	7,297.82	11,627.88	7,209.17	77.87	149.32	81.89	1,153.41	-3,912.78	756.16	530.72	225.44	3.354	
12,100.00	7,297.22	11,727.88	7,207.93	79.50	152.71	81.84	1,152.50	-4,012.77	755.58	525.17	230.40	3.279	
12,200.00	7,296.63	11,827.88	7,206.69	81.13	156.10	81.78	1,151.59	-4,112.75	755.00	519.63	235.37	3.208	
12,300.00	7,296.03	11,927.87	7,205.45	82.76	159.50	81.73	1,150.68	-4,212.74	754.42	514.08	240.33	3.139	
12,400.00	7,295.43	12,027.87	7,204.21	84.39	162.90	81.67	1,149.78	-4,312.72	753.84	508.54	245.30	3.073	
12,500.00	7,294.84	12,127.86	7,202.97	86.03	166.30	81.62	1,148.87	-4,412.70	753.26	502.99	250.27	3.010	
12,600.00	7,294.24	12,227.86	7,201.73	87.66	169.70	81.56	1,147.96	-4,512.69	752.68	497.44	255.24	2.949	
12,700.00	7,293.65	12,327.85	7,200.49	89.30	173.11	81.50	1,147.05	-4,612.67	752.11	491.89	260.22	2.890	
12,800.00	7,293.05	12,427.85	7,199.26	90.94	176.51	81.45	1,146.14	-4,712.66	751.53	486.34	265.19	2.834	
12,900.00	7,292.45	12,527.84	7,198.02	92.58	179.92	81.39	1,145.24	-4,812.64	750.96	480.79	270.17	2.780	
13,000.00	7,291.86	12,627.84	7,196.78	94.22	183.33	81.33	1,144.33	-4,912.62	750.38	475.24	275.14	2.727	
13,100.00	7,291.26	12,727.84	7,195.54	95.86	186.73	81.28	1,143.42	-5,012.61	749.81	469.69	280.12	2.677	
13,200.00	7,290.67	12,827.83	7,194.30	97.50	190.14	81.22	1,142.51	-5,112.59	749.24	464.14	285.09	2.628	
13,300.00	7,290.07	12,927.83	7,193.06	99.15	193.56	81.16	1,141.60	-5,212.57	748.66	458.59	290.07	2.581	
13,400.00	7,289.47	13,027.82	7,191.82	100.80	196.97	81.11	1,140.70	-5,312.56	748.09	453.04	295.05	2.535	
13,500.00	7,288.88	13,127.82	7,190.58	102.44	200.38	81.05	1,139.79	-5,412.54	747.52	447.50	300.03	2.492	
13,600.00	7,288.28	13,227.81	7,189.34	104.09	203.80	80.99	1,138.88	-5,512.53	746.95	441.95	305.00	2.449	
13,700.00	7,287.69	13,327.81	7,188.10	105.74	207.21	80.94	1,137.97	-5,612.51	746.38	436.40	309.98	2.408	
13,800.00	7,287.09	13,427.81	7,186.86	107.39	210.63	80.88	1,137.06	-5,712.49	745.81	430.86	314.96	2.368	
13,900.00	7,286.49	13,527.80	7,185.63	109.04	214.04	80.82	1,136.15	-5,812.48	745.25	425.31	319.93	2.329	
14,000.00	7,285.90	13,627.80	7,184.39	110.69	217.46	80.77	1,135.25	-5,912.46	744.68	419.77	324.91	2.292	
14,100.00	7,285.30	13,727.79	7,183.15	112.34	220.88	80.71	1,134.34	-6,012.45	744.11	414.23	329.89	2.256	
14,200.00	7,284.71	13,827.79	7,181.91	113.99	224.30	80.65	1,133.43	-6,112.43	743.55	408.69	334.86	2.220	
14,300.00	7,284.11	13,927.78	7,180.67	115.64	227.72	80.59	1,132.52	-6,212.41	742.98	403.15	339.84	2.186	
14,400.00	7,283.51	14,027.78	7,179.43	117.30	231.14	80.54	1,131.61	-6,312.40	742.42	397.61	344.81	2.153	
14,500.00	7,282.92	14,127.77	7,178.19	118.95	234.56	80.48	1,130.71	-6,412.38	741.86	392.07	349.79	2.121	
14,600.00	7,282.32	14,227.77	7,176.95	120.61	237.98	80.42	1,129.80	-6,512.36	741.29	386.53	354.76	2.090	
14,700.00	7,281.73	14,327.77	7,175.71	122.26	241.40	80.36	1,128.89	-6,612.35	740.73	381.00	359.73	2.059	
14,800.00	7,281.13	14,427.76	7,174.47	123.92	244.82	80.31	1,127.98	-6,712.33	740.17	375.47	364.70	2.030	
14,900.00	7,280.53	14,527.76	7,173.23	125.57	248.24	80.25	1,127.07	-6,812.32	739.61	369.94	369.67	2.001	
15,000.00	7,279.94	14,627.75	7,172.00	127.23	251.67	80.19	1,126.17	-6,912.30	739.05	364.41	374.64	1.973	
15,100.00	7,279.34	14,727.75	7,170.76	128.89	255.09	80.13	1,125.26	-7,012.28	738.49	358.88	379.61	1.945	
15,200.00	7,278.75	14,827.74	7,169.52	130.54	258.51	80.07	1,124.35	-7,112.27	737.94	353.36	384.58	1.919	
15,257.27	7,278.40	14,885.02	7,168.81	131.49	260.48	80.04	1,123.83	-7,169.53	737.62	350.19	387.42	1.904	CC, ES, SF

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldridge 1-1 - SRC PR Well - Actual Ensign Surveys

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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
11,200.00	7,302.59	7,601.40	7,305.40	64.94	44.72	-89.71	295.10	-5,566.34	2,461.59	2,410.84	50.75	48.505	
11,300.00	7,301.99	7,601.32	7,305.31	66.55	44.72	-89.67	295.10	-5,566.34	2,361.69	2,310.78	50.90	46.395	
11,400.00	7,301.39	7,601.24	7,305.23	68.16	44.72	-89.62	295.10	-5,566.34	2,261.79	2,210.72	51.07	44.289	
11,500.00	7,300.80	7,601.16	7,305.15	69.77	44.72	-89.58	295.10	-5,566.34	2,161.91	2,110.66	51.25	42.186	
11,600.00	7,300.20	7,601.08	7,305.08	71.38	44.72	-89.54	295.10	-5,566.33	2,062.03	2,010.59	51.44	40.086	
11,700.00	7,299.61	7,601.00	7,305.00	73.00	44.72	-89.50	295.11	-5,566.33	1,962.17	1,910.52	51.65	37.990	
11,800.00	7,299.01	7,600.93	7,304.92	74.62	44.72	-89.45	295.11	-5,566.33	1,862.32	1,810.44	51.88	35.897	
11,900.00	7,298.41	7,600.85	7,304.84	76.25	44.72	-89.41	295.11	-5,566.33	1,762.49	1,710.36	52.13	33.808	
12,000.00	7,297.82	7,600.77	7,304.76	77.87	44.72	-89.37	295.11	-5,566.33	1,662.69	1,610.27	52.41	31.722	
12,100.00	7,297.22	7,600.69	7,304.69	79.50	44.72	-89.33	295.11	-5,566.33	1,562.90	1,510.17	52.73	29.640	
12,200.00	7,296.63	7,600.62	7,304.61	81.13	44.72	-89.29	295.11	-5,566.33	1,463.15	1,410.06	53.09	27.561	
12,300.00	7,296.03	7,600.54	7,304.53	82.76	44.72	-89.25	295.12	-5,566.33	1,363.43	1,309.93	53.50	25.486	
12,400.00	7,295.43	7,600.47	7,304.46	84.39	44.72	-89.20	295.12	-5,566.33	1,263.76	1,209.78	53.97	23.414	
12,500.00	7,294.84	7,600.39	7,304.38	86.03	44.72	-89.16	295.12	-5,566.33	1,164.14	1,109.60	54.54	21.345	
12,600.00	7,294.24	7,600.32	7,304.31	87.66	44.72	-89.12	295.12	-5,566.33	1,064.59	1,009.37	55.22	19.280	
12,700.00	7,293.65	7,600.24	7,304.23	89.30	44.72	-89.08	295.12	-5,566.33	965.14	909.09	56.05	17.218	
12,800.00	7,293.05	7,600.17	7,304.16	90.94	44.72	-89.04	295.12	-5,566.33	865.81	808.70	57.11	15.161	
12,900.00	7,292.45	7,600.09	7,304.09	92.58	44.72	-89.00	295.13	-5,566.33	766.66	708.18	58.48	13.111	
13,000.00	7,291.86	7,600.02	7,304.01	94.22	44.72	-88.96	295.13	-5,566.33	667.76	607.44	60.32	11.070	
13,100.00	7,291.26	7,599.95	7,303.94	95.86	44.72	-88.92	295.13	-5,566.33	569.25	506.34	62.91	9.048	
13,200.00	7,290.67	7,599.87	7,303.87	97.50	44.72	-88.88	295.13	-5,566.33	471.36	404.62	66.75	7.062	
13,300.00	7,290.07	7,599.80	7,303.79	99.15	44.72	-88.85	295.13	-5,566.33	374.59	301.78	72.82	5.144	
13,400.00	7,289.47	7,599.73	7,303.72	100.80	44.72	-88.81	295.13	-5,566.33	280.10	196.83	83.27	3.364	
13,500.00	7,288.88	7,599.66	7,303.65	102.44	44.72	-88.77	295.14	-5,566.33	191.30	88.22	103.08	1.856	
13,600.00	7,288.28	7,599.59	7,303.58	104.09	44.72	-88.73	295.14	-5,566.33	121.39	-16.13	137.51	0.883	Level 1
13,659.31	7,287.93	7,599.55	7,303.54	105.07	44.72	-88.71	295.14	-5,566.33	105.91	-39.61	145.52	0.728	Level 1, CC, ES, SF
13,700.00	7,287.69	7,599.52	7,303.51	105.74	44.72	-88.69	295.14	-5,566.33	113.46	-18.17	131.63	0.862	Level 1
13,800.00	7,287.09	7,599.45	7,303.44	107.39	44.72	-88.65	295.14	-5,566.33	176.10	86.74	89.36	1.971	
13,900.00	7,286.49	7,599.38	7,303.37	109.04	44.72	-88.62	295.14	-5,566.33	262.96	192.29	70.68	3.721	
14,000.00	7,285.90	7,599.31	7,303.30	110.69	44.72	-88.58	295.14	-5,566.33	356.77	294.30	62.48	5.711	
14,100.00	7,285.30	7,599.24	7,303.23	112.34	44.72	-88.54	295.15	-5,566.33	453.24	394.93	58.31	7.773	
14,200.00	7,284.71	7,599.17	7,303.16	113.99	44.72	-88.50	295.15	-5,566.32	550.96	494.98	55.99	9.841	
14,300.00	7,284.11	7,599.10	7,303.09	115.64	44.72	-88.47	295.15	-5,566.32	649.38	594.77	54.62	11.890	
14,400.00	7,283.51	7,599.03	7,303.03	117.30	44.72	-88.43	295.15	-5,566.32	748.22	694.44	53.78	13.912	
14,500.00	7,282.92	7,598.97	7,302.96	118.95	44.72	-88.39	295.15	-5,566.32	847.33	794.07	53.27	15.907	
14,600.00	7,282.32	7,598.90	7,302.89	120.61	44.72	-88.36	295.15	-5,566.32	946.63	893.68	52.95	17.877	
14,700.00	7,281.73	7,598.83	7,302.82	122.26	44.72	-88.32	295.15	-5,566.32	1,046.06	993.30	52.77	19.824	
14,800.00	7,281.13	7,598.76	7,302.76	123.92	44.72	-88.28	295.16	-5,566.32	1,145.60	1,092.92	52.67	21.750	
14,900.00	7,280.53	7,598.70	7,302.69	125.57	44.72	-88.25	295.16	-5,566.32	1,245.20	1,192.57	52.64	23.657	
15,000.00	7,279.94	7,598.63	7,302.62	127.23	44.72	-88.21	295.16	-5,566.32	1,344.87	1,292.22	52.64	25.547	
15,100.00	7,279.34	7,598.57	7,302.56	128.89	44.72	-88.18	295.16	-5,566.32	1,444.58	1,391.89	52.68	27.420	
15,200.00	7,278.75	7,598.50	7,302.49	130.54	44.72	-88.14	295.16	-5,566.32	1,544.33	1,491.58	52.74	29.280	
15,257.27	7,278.40	7,598.46	7,302.46	131.49	44.72	-88.12	295.16	-5,566.32	1,601.47	1,548.68	52.79	30.338	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldridge 17-1 - SRC PR Well - Actual Ensign Surveys

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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
12,000.00	7,297.82	7,581.11	7,264.77	77.87	44.57	-87.29	-385.64	-6,237.82	2,461.45	2,384.94	76.50	32.175	
12,100.00	7,297.22	7,581.40	7,265.06	79.50	44.57	-87.31	-385.65	-6,237.82	2,366.90	2,289.04	77.86	30.400	
12,200.00	7,296.63	7,581.70	7,265.36	81.13	44.57	-87.33	-385.66	-6,237.82	2,272.81	2,193.48	79.33	28.650	
12,300.00	7,296.03	7,582.01	7,265.67	82.76	44.57	-87.36	-385.67	-6,237.82	2,179.26	2,098.32	80.94	26.926	
12,400.00	7,295.43	7,582.32	7,265.98	84.39	44.57	-87.38	-385.69	-6,237.83	2,086.30	2,003.62	82.68	25.232	
12,500.00	7,294.84	7,582.65	7,266.31	86.03	44.57	-87.40	-385.70	-6,237.83	1,994.02	1,909.43	84.60	23.571	
12,600.00	7,294.24	7,582.98	7,266.64	87.66	44.58	-87.43	-385.71	-6,237.83	1,902.53	1,815.84	86.68	21.948	
12,700.00	7,293.65	7,583.33	7,266.99	89.30	44.58	-87.45	-385.72	-6,237.84	1,811.93	1,722.96	88.97	20.365	
12,800.00	7,293.05	7,583.68	7,267.34	90.94	44.58	-87.48	-385.74	-6,237.84	1,722.38	1,630.90	91.48	18.828	
12,900.00	7,292.45	7,584.05	7,267.71	92.58	44.58	-87.51	-385.75	-6,237.84	1,634.03	1,539.80	94.23	17.341	
13,000.00	7,291.86	7,584.42	7,268.08	94.22	44.58	-87.53	-385.76	-6,237.85	1,547.11	1,449.86	97.25	15.909	
13,100.00	7,291.26	7,584.81	7,268.47	95.86	44.58	-87.56	-385.78	-6,237.85	1,461.86	1,361.30	100.56	14.538	
13,200.00	7,290.67	7,585.21	7,268.87	97.50	44.58	-87.59	-385.79	-6,237.85	1,378.59	1,274.41	104.18	13.233	
13,300.00	7,290.07	7,585.62	7,269.28	99.15	44.58	-87.62	-385.81	-6,237.86	1,297.69	1,189.56	108.13	12.001	
13,400.00	7,289.47	7,586.05	7,269.70	100.80	44.58	-87.65	-385.82	-6,237.86	1,219.62	1,107.21	112.41	10.849	
13,500.00	7,288.88	7,586.49	7,270.14	102.44	44.58	-87.68	-385.84	-6,237.87	1,144.97	1,027.95	117.02	9.785	
13,600.00	7,288.28	7,586.94	7,270.59	104.09	44.58	-87.72	-385.86	-6,237.87	1,074.44	952.55	121.89	8.815	
13,700.00	7,287.69	7,587.41	7,271.06	105.74	44.58	-87.75	-385.87	-6,237.88	1,008.92	881.98	126.94	7.948	
13,800.00	7,287.09	7,587.89	7,271.55	107.39	44.59	-87.79	-385.89	-6,237.88	949.42	817.41	132.00	7.193	
13,900.00	7,286.49	7,588.39	7,272.05	109.04	44.59	-87.82	-385.91	-6,237.89	897.14	760.32	136.82	6.557	
14,000.00	7,285.90	7,588.91	7,272.57	110.69	44.59	-87.86	-385.93	-6,237.89	853.43	712.37	141.06	6.050	
14,100.00	7,285.30	7,589.45	7,273.10	112.34	44.59	-87.90	-385.95	-6,237.90	819.65	675.33	144.32	5.679	
14,200.00	7,284.71	7,590.01	7,273.66	113.99	44.59	-87.94	-385.96	-6,237.90	797.06	650.84	146.21	5.451	
14,300.00	7,284.11	7,590.58	7,274.24	115.64	44.59	-87.98	-385.99	-6,237.91	786.63	640.13	146.50	5.370	SF
14,332.62	7,283.92	7,590.78	7,274.43	116.18	44.59	-88.00	-385.99	-6,237.91	785.95	639.72	146.23	5.375	CC, ES
14,400.00	7,283.51	7,591.18	7,274.83	117.30	44.59	-88.03	-386.01	-6,237.91	788.83	643.68	145.16	5.434	
14,500.00	7,282.92	7,591.81	7,275.46	118.95	44.59	-88.07	-386.03	-6,237.92	803.57	661.11	142.46	5.641	
14,600.00	7,282.32	7,592.45	7,276.10	120.61	44.59	-88.12	-386.05	-6,237.93	830.19	691.33	138.85	5.979	
14,700.00	7,281.73	7,593.13	7,276.78	122.26	44.60	-88.17	-386.07	-6,237.93	867.57	732.79	134.79	6.437	
14,800.00	7,281.13	7,593.83	7,277.48	123.92	44.60	-88.22	-386.10	-6,237.94	914.42	783.82	130.60	7.002	
14,900.00	7,280.53	7,594.56	7,278.21	125.57	44.60	-88.27	-386.12	-6,237.95	969.34	842.86	126.49	7.664	
15,000.00	7,279.94	7,595.32	7,278.97	127.23	44.60	-88.33	-386.15	-6,237.96	1,031.07	908.51	122.56	8.413	
15,100.00	7,279.34	7,596.11	7,279.76	128.89	44.60	-88.38	-386.17	-6,237.97	1,098.44	979.57	118.87	9.241	
15,200.00	7,278.75	7,592.13	7,275.78	130.54	44.59	-88.09	-386.06	-6,237.92	1,170.52	1,055.08	115.43	10.140	
15,257.27	7,278.40	7,592.39	7,276.04	131.49	44.59	-88.11	-386.07	-6,237.92	1,213.57	1,099.98	113.58	10.684	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldridge 2-1 - SRC PR Well - Actual Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 128-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
12,500.00	7,294.84	7,395.18	7,304.09	86.03	27.86	-93.60	286.56	-6,884.14	2,479.62	2,431.80	47.82	51.851	
12,600.00	7,294.24	7,394.87	7,303.77	87.66	27.86	-93.44	286.56	-6,884.14	2,379.73	2,331.74	47.99	49.593	
12,700.00	7,293.65	7,394.55	7,303.46	89.30	27.86	-93.28	286.56	-6,884.14	2,279.84	2,231.68	48.16	47.340	
12,800.00	7,293.05	7,394.24	7,303.15	90.94	27.85	-93.12	286.56	-6,884.14	2,179.97	2,131.62	48.34	45.093	
12,900.00	7,292.45	7,393.93	7,302.84	92.58	27.85	-92.96	286.56	-6,884.14	2,080.11	2,031.56	48.54	42.850	
13,000.00	7,291.86	7,393.63	7,302.53	94.22	27.85	-92.80	286.56	-6,884.14	1,980.26	1,931.50	48.76	40.613	
13,100.00	7,291.26	7,393.32	7,302.23	95.86	27.85	-92.65	286.56	-6,884.14	1,880.42	1,831.43	48.99	38.381	
13,200.00	7,290.67	7,393.02	7,301.93	97.50	27.85	-92.49	286.56	-6,884.13	1,780.61	1,731.36	49.25	36.154	
13,300.00	7,290.07	7,392.72	7,301.63	99.15	27.85	-92.34	286.56	-6,884.13	1,680.82	1,631.28	49.54	33.932	
13,400.00	7,289.47	7,392.43	7,301.33	100.80	27.85	-92.19	286.56	-6,884.13	1,581.05	1,531.20	49.85	31.714	
13,500.00	7,288.88	7,392.13	7,301.04	102.44	27.85	-92.04	286.56	-6,884.13	1,481.32	1,431.10	50.21	29.500	
13,600.00	7,288.28	7,391.84	7,300.74	104.09	27.85	-91.89	286.56	-6,884.13	1,381.62	1,331.00	50.63	27.290	
13,700.00	7,287.69	7,391.55	7,300.45	105.74	27.85	-91.74	286.56	-6,884.13	1,281.97	1,230.87	51.11	25.084	
13,800.00	7,287.09	7,391.26	7,300.17	107.39	27.85	-91.59	286.57	-6,884.13	1,182.39	1,130.71	51.68	22.881	
13,900.00	7,286.49	7,390.98	7,299.88	109.04	27.85	-91.44	286.57	-6,884.13	1,082.87	1,030.51	52.36	20.681	
14,000.00	7,285.90	7,390.69	7,299.60	110.69	27.85	-91.30	286.57	-6,884.13	983.46	930.25	53.20	18.485	
14,100.00	7,285.30	7,390.41	7,299.32	112.34	27.85	-91.15	286.57	-6,884.13	884.17	829.90	54.27	16.292	
14,200.00	7,284.71	7,390.13	7,299.04	113.99	27.85	-91.01	286.57	-6,884.12	785.07	729.42	55.65	14.107	
14,300.00	7,284.11	7,389.85	7,298.76	115.64	27.85	-90.87	286.57	-6,884.12	686.23	628.72	57.51	11.932	
14,400.00	7,283.51	7,389.58	7,298.48	117.30	27.85	-90.72	286.57	-6,884.12	587.78	527.68	60.10	9.780	
14,500.00	7,282.92	7,389.31	7,298.21	118.95	27.85	-90.58	286.57	-6,884.12	489.96	426.06	63.90	7.668	
14,600.00	7,282.32	7,389.03	7,297.94	120.61	27.85	-90.44	286.57	-6,884.12	393.24	323.44	69.80	5.634	
14,700.00	7,281.73	7,388.77	7,297.67	122.26	27.85	-90.31	286.57	-6,884.12	298.69	218.99	79.70	3.748	
14,800.00	7,281.13	7,388.50	7,297.40	123.92	27.84	-90.17	286.57	-6,884.12	209.26	111.45	97.81	2.139	
14,900.00	7,280.53	7,388.23	7,297.14	125.57	27.84	-90.03	286.57	-6,884.12	135.51	5.06	130.45	1.039	Level 2
14,977.13	7,280.07	7,388.03	7,296.93	126.85	27.84	-89.93	286.57	-6,884.12	111.42	-36.87	148.29	0.751	Level 1, CC, ES, SF
15,000.00	7,279.94	7,387.97	7,296.87	127.23	27.84	-89.90	286.57	-6,884.12	113.75	-31.58	145.32	0.783	Level 1
15,100.00	7,279.34	7,387.71	7,296.61	128.89	27.84	-89.76	286.57	-6,884.12	165.87	55.64	110.23	1.505	
15,200.00	7,278.75	7,387.45	7,296.35	130.54	27.84	-89.63	286.57	-6,884.12	249.17	163.78	85.39	2.918	
15,257.27	7,278.40	7,387.30	7,296.20	131.49	27.84	-89.55	286.57	-6,884.12	301.49	224.44	77.05	3.913	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldridge 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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
13,000.00	7,291.86	7,798.54	7,326.05	94.22	52.44	-91.17	-1,027.41	-6,912.82	2,463.17	2,357.12	106.05	23.227	
13,100.00	7,291.26	7,797.37	7,324.88	95.86	52.44	-91.13	-1,027.41	-6,912.83	2,382.32	2,274.10	108.22	22.013	
13,200.00	7,290.67	7,796.20	7,323.71	97.50	52.44	-91.08	-1,027.42	-6,912.83	2,302.98	2,192.47	110.51	20.840	
13,300.00	7,290.07	7,796.98	7,322.53	99.15	52.44	-91.03	-1,027.42	-6,912.84	2,225.30	2,112.41	112.90	19.711	
13,400.00	7,289.47	7,798.15	7,321.36	100.80	52.44	-90.98	-1,027.43	-6,912.85	2,149.47	2,034.08	115.39	18.628	
13,500.00	7,288.88	7,799.32	7,320.19	102.44	52.44	-90.94	-1,027.43	-6,912.85	2,075.69	1,957.70	117.99	17.592	
13,600.00	7,288.28	7,800.49	7,319.02	104.09	52.44	-90.89	-1,027.43	-6,912.86	2,004.18	1,883.50	120.68	16.608	
13,700.00	7,287.69	7,801.67	7,317.85	105.74	52.45	-90.84	-1,027.44	-6,912.87	1,935.19	1,811.74	123.45	15.676	
13,800.00	7,287.09	7,802.84	7,316.67	107.39	52.45	-90.80	-1,027.44	-6,912.87	1,869.02	1,742.72	126.30	14.799	
13,900.00	7,286.49	7,804.01	7,315.50	109.04	52.45	-90.75	-1,027.45	-6,912.88	1,805.95	1,676.77	129.19	13.979	
14,000.00	7,285.90	7,805.18	7,314.33	110.69	52.45	-90.70	-1,027.45	-6,912.89	1,746.34	1,614.24	132.10	13.220	
14,100.00	7,285.30	7,786.04	7,313.55	112.34	52.43	-90.67	-1,027.46	-6,912.89	1,690.54	1,555.57	134.97	12.525	
14,200.00	7,284.71	7,784.94	7,312.45	113.99	52.43	-90.63	-1,027.46	-6,912.90	1,638.96	1,501.14	137.82	11.892	
14,300.00	7,284.11	7,783.84	7,311.35	115.64	52.43	-90.58	-1,027.47	-6,912.90	1,591.98	1,451.41	140.57	11.325	
14,400.00	7,283.51	7,782.75	7,310.26	117.30	52.43	-90.54	-1,027.47	-6,912.91	1,550.05	1,406.86	143.19	10.825	
14,500.00	7,282.92	7,781.66	7,309.17	118.95	52.43	-90.49	-1,027.48	-6,912.91	1,513.56	1,367.94	145.62	10.394	
14,600.00	7,282.32	7,780.58	7,308.09	120.61	52.43	-90.45	-1,027.48	-6,912.92	1,482.93	1,335.11	147.83	10.031	
14,700.00	7,281.73	7,779.50	7,307.01	122.26	52.43	-90.41	-1,027.49	-6,912.93	1,458.53	1,308.74	149.79	9.737	
14,800.00	7,281.13	7,778.42	7,305.93	123.92	52.43	-90.36	-1,027.49	-6,912.93	1,440.67	1,289.18	151.49	9.510	
14,900.00	7,280.53	7,777.35	7,304.86	125.57	52.43	-90.32	-1,027.50	-6,912.94	1,429.60	1,276.67	152.93	9.348	
15,000.00	7,279.94	7,776.29	7,303.80	127.23	52.43	-90.28	-1,027.50	-6,912.94	1,425.47	1,271.35	154.13	9.249	
15,008.93	7,279.88	7,776.19	7,303.70	127.38	52.43	-90.27	-1,027.50	-6,912.94	1,425.44	1,271.22	154.22	9.243	CC, ES
15,100.00	7,279.34	7,775.23	7,302.74	128.89	52.43	-90.24	-1,027.51	-6,912.95	1,428.35	1,273.27	155.08	9.210	SF
15,200.00	7,278.75	7,774.17	7,301.68	130.54	52.42	-90.19	-1,027.51	-6,912.95	1,438.19	1,282.38	155.81	9.230	
15,257.27	7,278.40	7,773.57	7,301.08	131.49	52.42	-90.17	-1,027.52	-6,912.96	1,446.91	1,290.79	156.13	9.268	

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Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldridge 8-1 - SRC PR Well - Actual Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 98-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
11,700.00	7,299.61	7,862.09	7,288.52	73.00	64.85	-89.30	-1,032.07	-5,555.51	2,421.36	2,308.88	112.48	21.528	
11,800.00	7,299.01	7,862.02	7,288.45	74.62	64.85	-89.30	-1,032.07	-5,555.51	2,341.51	2,226.85	114.66	20.421	
11,900.00	7,298.41	7,862.00	7,288.43	76.25	64.85	-89.30	-1,032.07	-5,555.51	2,263.26	2,146.32	116.94	19.354	
12,000.00	7,297.82	7,861.98	7,288.41	77.87	64.85	-89.30	-1,032.07	-5,555.51	2,186.78	2,067.46	119.32	18.327	
12,100.00	7,297.22	7,861.96	7,288.39	79.50	64.85	-89.30	-1,032.07	-5,555.51	2,112.27	1,990.48	121.79	17.344	
12,200.00	7,296.63	7,861.94	7,288.37	81.13	64.85	-89.30	-1,032.07	-5,555.51	2,039.94	1,915.60	124.34	16.407	
12,300.00	7,296.03	7,861.92	7,288.35	82.76	64.85	-89.30	-1,032.07	-5,555.51	1,970.03	1,843.08	126.95	15.518	
12,400.00	7,295.43	7,861.90	7,288.33	84.39	64.85	-89.29	-1,032.07	-5,555.51	1,902.81	1,773.20	129.61	14.681	
12,500.00	7,294.84	7,861.88	7,288.31	86.03	64.85	-89.29	-1,032.07	-5,555.51	1,838.58	1,706.29	132.29	13.898	
12,600.00	7,294.24	7,861.86	7,288.29	87.66	64.85	-89.29	-1,032.07	-5,555.51	1,777.65	1,642.69	134.97	13.171	
12,700.00	7,293.65	7,861.84	7,288.27	89.30	64.85	-89.29	-1,032.06	-5,555.51	1,720.38	1,582.80	137.59	12.504	
12,800.00	7,293.05	7,861.82	7,288.25	90.94	64.85	-89.29	-1,032.06	-5,555.51	1,667.15	1,527.04	140.11	11.899	
12,900.00	7,292.45	7,861.80	7,288.23	92.58	64.85	-89.29	-1,032.06	-5,555.51	1,618.35	1,475.88	142.47	11.359	
13,000.00	7,291.86	7,861.77	7,288.21	94.22	64.85	-89.29	-1,032.06	-5,555.51	1,574.40	1,429.80	144.60	10.888	
13,100.00	7,291.26	7,861.75	7,288.18	95.86	64.85	-89.29	-1,032.06	-5,555.51	1,535.71	1,389.27	146.45	10.487	
13,200.00	7,290.67	7,861.73	7,288.16	97.50	64.85	-89.29	-1,032.06	-5,555.51	1,502.69	1,354.77	147.92	10.159	
13,300.00	7,290.07	7,861.71	7,288.14	99.15	64.85	-89.29	-1,032.06	-5,555.51	1,475.72	1,326.75	148.97	9.906	
13,400.00	7,289.47	7,861.68	7,288.12	100.80	64.85	-89.29	-1,032.06	-5,555.51	1,455.14	1,305.61	149.53	9.732	
13,500.00	7,288.88	7,861.66	7,288.09	102.44	64.85	-89.29	-1,032.06	-5,555.51	1,441.22	1,291.65	149.57	9.636	
13,600.00	7,288.28	7,861.64	7,288.07	104.09	64.85	-89.28	-1,032.06	-5,555.51	1,434.15	1,285.06	149.08	9.620	SF
13,651.64	7,287.97	7,861.62	7,288.06	104.94	64.85	-89.28	-1,032.06	-5,555.51	1,433.22	1,284.59	148.63	9.643	CC, ES
13,700.00	7,287.69	7,861.61	7,288.04	105.74	64.85	-89.28	-1,032.06	-5,555.51	1,434.03	1,285.95	148.08	9.684	
13,800.00	7,287.09	7,861.59	7,288.02	107.39	64.85	-89.28	-1,032.06	-5,555.51	1,440.87	1,294.25	146.63	9.827	
13,900.00	7,286.49	7,861.56	7,288.00	109.04	64.85	-89.28	-1,032.06	-5,555.51	1,454.58	1,309.78	144.79	10.046	
14,000.00	7,285.90	7,861.54	7,287.97	110.69	64.85	-89.28	-1,032.06	-5,555.51	1,474.95	1,332.27	142.67	10.338	
14,100.00	7,285.30	7,861.51	7,287.94	112.34	64.85	-89.28	-1,032.06	-5,555.51	1,501.71	1,361.33	140.38	10.697	
14,200.00	7,284.71	7,861.49	7,287.92	113.99	64.85	-89.28	-1,032.06	-5,555.51	1,534.54	1,396.51	138.03	11.117	
14,300.00	7,284.11	7,861.46	7,287.89	115.64	64.85	-89.28	-1,032.06	-5,555.51	1,573.05	1,437.34	135.70	11.592	
14,400.00	7,283.51	7,861.44	7,287.87	117.30	64.85	-89.28	-1,032.06	-5,555.51	1,616.84	1,483.35	133.48	12.113	
14,500.00	7,282.92	7,861.41	7,287.84	118.95	64.85	-89.28	-1,032.06	-5,555.51	1,665.48	1,534.08	131.40	12.674	
14,600.00	7,282.32	7,861.38	7,287.81	120.61	64.85	-89.27	-1,032.06	-5,555.51	1,718.58	1,589.08	129.50	13.271	
14,700.00	7,281.73	7,861.35	7,287.78	122.26	64.85	-89.27	-1,032.06	-5,555.51	1,775.72	1,647.96	127.76	13.899	
14,800.00	7,281.13	7,861.33	7,287.76	123.92	64.85	-89.27	-1,032.06	-5,555.51	1,836.53	1,710.35	126.18	14.555	
14,900.00	7,280.53	7,861.30	7,287.73	125.57	64.85	-89.27	-1,032.06	-5,555.51	1,900.66	1,775.93	124.74	15.237	
15,000.00	7,279.94	7,861.27	7,287.70	127.23	64.85	-89.27	-1,032.06	-5,555.51	1,967.79	1,844.37	123.41	15.945	
15,100.00	7,279.34	7,861.24	7,287.67	128.89	64.85	-89.27	-1,032.06	-5,555.51	2,037.61	1,915.42	122.20	16.675	
15,200.00	7,278.75	7,861.21	7,287.64	130.54	64.85	-89.27	-1,032.06	-5,555.51	2,109.87	1,988.81	121.06	17.428	
15,257.27	7,278.40	7,861.19	7,287.62	131.49	64.85	-89.27	-1,032.06	-5,555.51	2,152.25	2,031.80	120.45	17.869	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Schneider 16-36 - SRC PR Well - Actual Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
11,500.00	7,300.80	7,595.73	7,338.12	69.77	39.99	91.50	1,627.38	-5,562.40	2,477.21	2,407.82	69.39	35.697	
11,600.00	7,300.20	7,595.56	7,337.95	71.38	39.99	91.49	1,627.39	-5,562.40	2,390.85	2,319.26	71.59	33.396	
11,700.00	7,299.61	7,595.38	7,337.78	73.00	39.99	91.49	1,627.39	-5,562.40	2,305.59	2,231.63	73.95	31.177	
11,800.00	7,299.01	7,595.21	7,337.60	74.62	39.99	91.48	1,627.39	-5,562.40	2,221.55	2,145.06	76.49	29.043	
11,900.00	7,298.41	7,595.03	7,337.43	76.25	39.99	91.47	1,627.40	-5,562.40	2,138.90	2,059.67	79.22	26.998	
12,000.00	7,297.82	7,594.86	7,337.25	77.87	39.99	91.46	1,627.40	-5,562.40	2,057.78	1,975.62	82.16	25.047	
12,100.00	7,297.22	7,594.68	7,337.07	79.50	39.99	91.45	1,627.41	-5,562.40	1,978.39	1,893.09	85.30	23.194	
12,200.00	7,296.63	7,594.51	7,336.90	81.13	39.99	91.44	1,627.41	-5,562.39	1,900.95	1,812.29	88.66	21.441	
12,300.00	7,296.03	7,594.33	7,336.72	82.76	39.99	91.44	1,627.41	-5,562.39	1,825.70	1,733.46	92.24	19.792	
12,400.00	7,295.43	7,594.15	7,336.54	84.39	39.99	91.43	1,627.42	-5,562.39	1,752.93	1,656.87	96.06	18.249	
12,500.00	7,294.84	7,593.97	7,336.36	86.03	39.99	91.42	1,627.42	-5,562.39	1,682.95	1,582.87	100.09	16.815	
12,600.00	7,294.24	7,593.79	7,336.19	87.66	39.99	91.41	1,627.43	-5,562.39	1,616.14	1,511.82	104.32	15.492	
12,700.00	7,293.65	7,593.61	7,336.01	89.30	39.99	91.40	1,627.43	-5,562.39	1,552.90	1,444.16	108.74	14.281	
12,800.00	7,293.05	7,593.44	7,335.83	90.94	39.99	91.39	1,627.43	-5,562.39	1,493.67	1,380.38	113.29	13.184	
12,900.00	7,292.45	7,593.26	7,335.65	92.58	39.99	91.39	1,627.44	-5,562.39	1,438.97	1,321.05	117.93	12.202	
13,000.00	7,291.86	7,593.07	7,335.47	94.22	39.99	91.38	1,627.44	-5,562.39	1,389.32	1,266.76	122.56	11.336	
13,100.00	7,291.26	7,592.89	7,335.29	95.86	39.99	91.37	1,627.45	-5,562.39	1,345.28	1,218.20	127.09	10.585	
13,200.00	7,290.67	7,592.71	7,335.10	97.50	39.99	91.36	1,627.45	-5,562.39	1,307.43	1,176.03	131.39	9.950	
13,300.00	7,290.07	7,592.53	7,334.92	99.15	39.99	91.35	1,627.45	-5,562.39	1,276.30	1,140.96	135.34	9.431	
13,400.00	7,289.47	7,592.35	7,334.74	100.80	39.99	91.34	1,627.46	-5,562.39	1,252.40	1,113.63	138.78	9.025	
13,500.00	7,288.88	7,592.16	7,334.56	102.44	39.99	91.34	1,627.46	-5,562.39	1,236.16	1,094.58	141.58	8.731	
13,600.00	7,288.28	7,591.98	7,334.37	104.09	39.99	91.33	1,627.47	-5,562.38	1,227.87	1,084.23	143.64	8.548	
13,652.13	7,287.97	7,591.88	7,334.28	104.95	39.99	91.32	1,627.47	-5,562.38	1,226.76	1,082.37	144.39	8.496	CC, ES
13,700.00	7,287.69	7,591.80	7,334.19	105.74	39.99	91.32	1,627.47	-5,562.38	1,227.70	1,082.82	144.88	8.474	SF
13,800.00	7,287.09	7,591.61	7,334.00	107.39	39.99	91.31	1,627.48	-5,562.38	1,235.64	1,090.36	145.28	8.505	
13,900.00	7,286.49	7,591.43	7,333.82	109.04	39.99	91.30	1,627.48	-5,562.38	1,251.56	1,106.68	144.88	8.639	
14,000.00	7,285.90	7,591.24	7,333.63	110.69	39.98	91.29	1,627.48	-5,562.38	1,275.13	1,131.39	143.74	8.871	
14,100.00	7,285.30	7,591.05	7,333.45	112.34	39.98	91.28	1,627.49	-5,562.38	1,305.96	1,163.99	141.97	9.199	
14,200.00	7,284.71	7,590.87	7,333.26	113.99	39.98	91.27	1,627.49	-5,562.38	1,343.55	1,203.85	139.70	9.617	
14,300.00	7,284.11	7,590.68	7,333.07	115.64	39.98	91.27	1,627.50	-5,562.38	1,387.33	1,250.28	137.05	10.123	
14,400.00	7,283.51	7,590.49	7,332.89	117.30	39.98	91.26	1,627.50	-5,562.38	1,436.75	1,302.60	134.15	10.710	
14,500.00	7,282.92	7,590.30	7,332.70	118.95	39.98	91.25	1,627.51	-5,562.38	1,491.25	1,360.15	131.11	11.374	
14,600.00	7,282.32	7,590.12	7,332.51	120.61	39.98	91.24	1,627.51	-5,562.38	1,550.29	1,422.30	128.00	12.112	
14,700.00	7,281.73	7,589.93	7,332.32	122.26	39.98	91.23	1,627.51	-5,562.38	1,613.38	1,488.48	124.90	12.918	
14,800.00	7,281.13	7,589.74	7,332.13	123.92	39.98	91.22	1,627.52	-5,562.38	1,680.05	1,558.19	121.86	13.787	
14,900.00	7,280.53	7,589.55	7,331.94	125.57	39.98	91.21	1,627.52	-5,562.38	1,749.90	1,630.98	118.92	14.715	
15,000.00	7,279.94	7,589.36	7,331.75	127.23	39.98	91.20	1,627.53	-5,562.37	1,822.56	1,706.46	116.10	15.698	
15,100.00	7,279.34	7,589.16	7,331.56	128.89	39.98	91.20	1,627.53	-5,562.37	1,897.70	1,784.29	113.42	16.732	
15,200.00	7,278.75	7,588.97	7,331.37	130.54	39.98	91.19	1,627.54	-5,562.37	1,975.06	1,864.18	110.88	17.813	
15,257.27	7,278.40	7,588.86	7,331.26	131.49	39.98	91.18	1,627.54	-5,562.37	2,020.26	1,910.77	109.49	18.452	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Schneider 20-36 - SRC PR Well - Actual Ensign Surveys

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 Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
12,700.00	7,293.65	7,494.18	7,312.12	89.30	35.02	90.31	2,285.89	-6,219.22	2,478.46	2,375.68	102.78	24.114	
12,800.00	7,293.05	7,494.14	7,312.08	90.94	35.02	90.30	2,285.89	-6,219.22	2,414.79	2,309.16	105.63	22.860	
12,900.00	7,292.45	7,494.10	7,312.05	92.58	35.02	90.30	2,285.89	-6,219.22	2,353.66	2,245.10	108.56	21.681	
13,000.00	7,291.86	7,494.07	7,312.01	94.22	35.02	90.30	2,285.89	-6,219.22	2,295.26	2,183.72	111.53	20.579	
13,100.00	7,291.26	7,494.03	7,311.97	95.86	35.02	90.30	2,285.89	-6,219.22	2,239.80	2,125.25	114.55	19.554	
13,200.00	7,290.67	7,493.99	7,311.93	97.50	35.02	90.30	2,285.89	-6,219.22	2,187.50	2,069.92	117.58	18.604	
13,300.00	7,290.07	7,493.95	7,311.90	99.15	35.02	90.30	2,285.89	-6,219.22	2,138.61	2,018.00	120.61	17.732	
13,400.00	7,289.47	7,493.91	7,311.86	100.80	35.02	90.30	2,285.89	-6,219.22	2,093.36	1,969.75	123.60	16.936	
13,500.00	7,288.88	7,493.87	7,311.82	102.44	35.02	90.30	2,285.89	-6,219.22	2,051.98	1,925.45	126.54	16.216	
13,600.00	7,288.28	7,493.84	7,311.78	104.09	35.02	90.30	2,285.89	-6,219.22	2,014.73	1,885.35	129.38	15.572	
13,700.00	7,287.69	7,493.80	7,311.74	105.74	35.02	90.29	2,285.89	-6,219.22	1,981.82	1,849.73	132.09	15.004	
13,800.00	7,287.09	7,493.76	7,311.70	107.39	35.02	90.29	2,285.89	-6,219.22	1,953.48	1,818.85	134.63	14.510	
13,900.00	7,286.49	7,493.72	7,311.66	109.04	35.02	90.29	2,285.89	-6,219.22	1,929.92	1,792.94	136.97	14.090	
14,000.00	7,285.90	7,493.68	7,311.62	110.69	35.02	90.29	2,285.89	-6,219.22	1,911.30	1,772.22	139.08	13.742	
14,100.00	7,285.30	7,493.64	7,311.58	112.34	35.02	90.29	2,285.89	-6,219.22	1,897.78	1,756.85	140.93	13.466	
14,200.00	7,284.71	7,493.60	7,311.54	113.99	35.02	90.29	2,285.89	-6,219.22	1,889.46	1,746.97	142.49	13.261	
14,300.00	7,284.11	7,493.56	7,311.50	115.64	35.02	90.29	2,285.89	-6,219.22	1,886.41	1,742.66	143.74	13.123	
14,307.57	7,284.06	7,493.55	7,311.50	115.77	35.02	90.29	2,285.89	-6,219.22	1,886.39	1,742.57	143.83	13.116	CC, ES
14,400.00	7,283.51	7,493.51	7,311.46	117.30	35.02	90.29	2,285.89	-6,219.22	1,888.65	1,743.97	144.69	13.053	
14,500.00	7,282.92	7,493.47	7,311.42	118.95	35.02	90.28	2,285.89	-6,219.21	1,896.18	1,750.86	145.33	13.048	SF
14,600.00	7,282.32	7,493.43	7,311.37	120.61	35.02	90.28	2,285.89	-6,219.21	1,908.92	1,763.26	145.66	13.105	
14,700.00	7,281.73	7,493.39	7,311.33	122.26	35.02	90.28	2,285.89	-6,219.21	1,926.78	1,781.07	145.71	13.223	
14,800.00	7,281.13	7,493.35	7,311.29	123.92	35.02	90.28	2,285.89	-6,219.21	1,949.61	1,804.11	145.49	13.400	
14,900.00	7,280.53	7,493.31	7,311.25	125.57	35.02	90.28	2,285.89	-6,219.21	1,977.23	1,832.19	145.04	13.632	
15,000.00	7,279.94	7,493.26	7,311.21	127.23	35.02	90.28	2,285.89	-6,219.21	2,009.46	1,865.08	144.38	13.918	
15,100.00	7,279.34	7,493.22	7,311.16	128.89	35.02	90.28	2,285.90	-6,219.21	2,046.07	1,902.53	143.55	14.254	
15,200.00	7,278.75	7,493.18	7,311.12	130.54	35.02	90.28	2,285.90	-6,219.21	2,086.84	1,944.28	142.56	14.638	
15,257.27	7,278.40	7,493.15	7,311.10	131.49	35.02	90.27	2,285.90	-6,219.21	2,111.97	1,970.03	141.94	14.879	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Schneider 37-36 - SRC PR Well - Actual Ensign Surveys

Offset Site Error: 0.00 usft

Survey Program: 93-SRC Energy_ISCWSA REV 2 MWD

Offset Well Error: 3.28 usft

Reference Measured Depth (usft)	Reference Vertical Depth (usft)	Offset Measured Depth (usft)	Offset 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
11,900.00	7,298.41	7,336.56	7,265.93	76.25	25.75	86.82	1,049.95	-6,219.97	2,497.87	2,452.52	45.34	55.088	
12,000.00	7,297.82	7,338.19	7,267.56	77.87	25.75	86.97	1,049.94	-6,220.00	2,401.47	2,355.19	46.28	51.895	
12,100.00	7,297.22	7,339.83	7,269.19	79.50	25.76	87.11	1,049.93	-6,220.04	2,305.38	2,258.06	47.31	48.728	
12,200.00	7,296.63	7,341.46	7,270.83	81.13	25.76	87.25	1,049.92	-6,220.08	2,209.63	2,161.17	48.46	45.596	
12,300.00	7,296.03	7,343.11	7,272.47	82.76	25.76	87.40	1,049.90	-6,220.11	2,114.27	2,064.53	49.74	42.504	
12,400.00	7,295.43	7,344.75	7,274.12	84.39	25.76	87.54	1,049.89	-6,220.15	2,019.37	1,968.19	51.17	39.462	
12,500.00	7,294.84	7,346.41	7,275.77	86.03	25.77	87.69	1,049.88	-6,220.19	1,924.97	1,872.20	52.77	36.477	
12,600.00	7,294.24	7,348.06	7,277.43	87.66	25.77	87.83	1,049.87	-6,220.23	1,831.18	1,776.61	54.56	33.560	
12,700.00	7,293.65	7,349.73	7,279.09	89.30	25.77	87.98	1,049.86	-6,220.26	1,738.07	1,681.49	56.58	30.720	
12,800.00	7,293.05	7,351.39	7,280.76	90.94	25.77	88.13	1,049.85	-6,220.30	1,645.77	1,586.92	58.85	27.967	
12,900.00	7,292.45	7,353.06	7,282.43	92.58	25.78	88.27	1,049.84	-6,220.34	1,554.42	1,493.01	61.41	25.313	
13,000.00	7,291.86	7,354.74	7,284.10	94.22	25.78	88.42	1,049.83	-6,220.38	1,464.19	1,399.89	64.31	22.768	
13,100.00	7,291.26	7,356.42	7,285.79	95.86	25.78	88.57	1,049.82	-6,220.42	1,375.32	1,307.72	67.60	20.345	
13,200.00	7,290.67	7,358.11	7,287.47	97.50	25.78	88.72	1,049.81	-6,220.46	1,288.08	1,216.73	71.35	18.053	
13,300.00	7,290.07	7,359.80	7,289.16	99.15	25.79	88.87	1,049.80	-6,220.50	1,202.83	1,127.21	75.62	15.906	
13,400.00	7,289.47	7,361.49	7,290.86	100.80	25.79	89.01	1,049.78	-6,220.53	1,120.01	1,039.53	80.49	13.915	
13,500.00	7,288.88	7,363.20	7,292.56	102.44	25.79	89.16	1,049.77	-6,220.57	1,040.22	954.19	86.03	12.092	
13,600.00	7,288.28	7,364.90	7,294.26	104.09	25.79	89.31	1,049.76	-6,220.61	964.20	871.90	92.30	10.446	
13,700.00	7,287.69	7,366.61	7,295.97	105.74	25.80	89.47	1,049.75	-6,220.65	892.92	793.59	99.33	8.990	
13,800.00	7,287.09	7,368.33	7,297.69	107.39	25.80	89.62	1,049.74	-6,220.69	827.59	720.54	107.05	7.731	
13,900.00	7,286.49	7,370.05	7,299.41	109.04	25.80	89.77	1,049.73	-6,220.73	769.75	654.47	115.28	6.677	
14,000.00	7,285.90	7,371.77	7,301.13	110.69	25.81	89.92	1,049.71	-6,220.77	721.19	597.58	123.60	5.835	
14,100.00	7,285.30	7,373.51	7,302.86	112.34	25.81	90.07	1,049.70	-6,220.81	683.89	552.54	131.35	5.206	
14,200.00	7,284.71	7,375.24	7,304.60	113.99	25.81	90.23	1,049.69	-6,220.85	659.77	522.10	137.66	4.793	
14,300.00	7,284.11	7,376.98	7,306.34	115.64	25.81	90.38	1,049.68	-6,220.89	650.29	508.61	141.67	4.590	
14,312.12	7,284.04	7,377.19	7,306.55	115.84	25.81	90.40	1,049.68	-6,220.90	650.17	508.20	141.97	4.579	CC, ES, SF
14,400.00	7,283.51	7,378.73	7,308.09	117.30	25.82	90.53	1,049.67	-6,220.93	656.08	513.20	142.88	4.592	
14,500.00	7,282.92	7,380.48	7,309.84	118.95	25.82	90.69	1,049.65	-6,220.97	676.77	535.43	141.33	4.788	
14,600.00	7,282.32	7,382.24	7,311.59	120.61	25.82	90.84	1,049.64	-6,221.01	711.04	573.45	137.59	5.168	
14,700.00	7,281.73	7,384.00	7,313.36	122.26	25.82	91.00	1,049.63	-6,221.05	757.06	624.62	132.43	5.716	
14,800.00	7,281.13	7,385.77	7,315.12	123.92	25.83	91.15	1,049.62	-6,221.10	812.82	686.22	126.60	6.420	
14,900.00	7,280.53	7,387.54	7,316.89	125.57	25.83	91.31	1,049.60	-6,221.14	876.49	755.84	120.64	7.265	
15,000.00	7,279.94	7,389.32	7,318.67	127.23	25.83	91.47	1,049.59	-6,221.18	946.45	831.55	114.90	8.237	
15,100.00	7,279.34	7,391.10	7,320.45	128.89	25.84	91.62	1,049.58	-6,221.22	1,021.42	911.87	109.55	9.323	
15,200.00	7,278.75	7,392.89	7,322.24	130.54	25.84	91.78	1,049.56	-6,221.26	1,100.37	995.70	104.67	10.512	
15,257.27	7,278.40	7,393.91	7,323.27	131.49	25.84	91.87	1,049.56	-6,221.29	1,147.07	1,044.98	102.10	11.235	

Hewlett-Packard

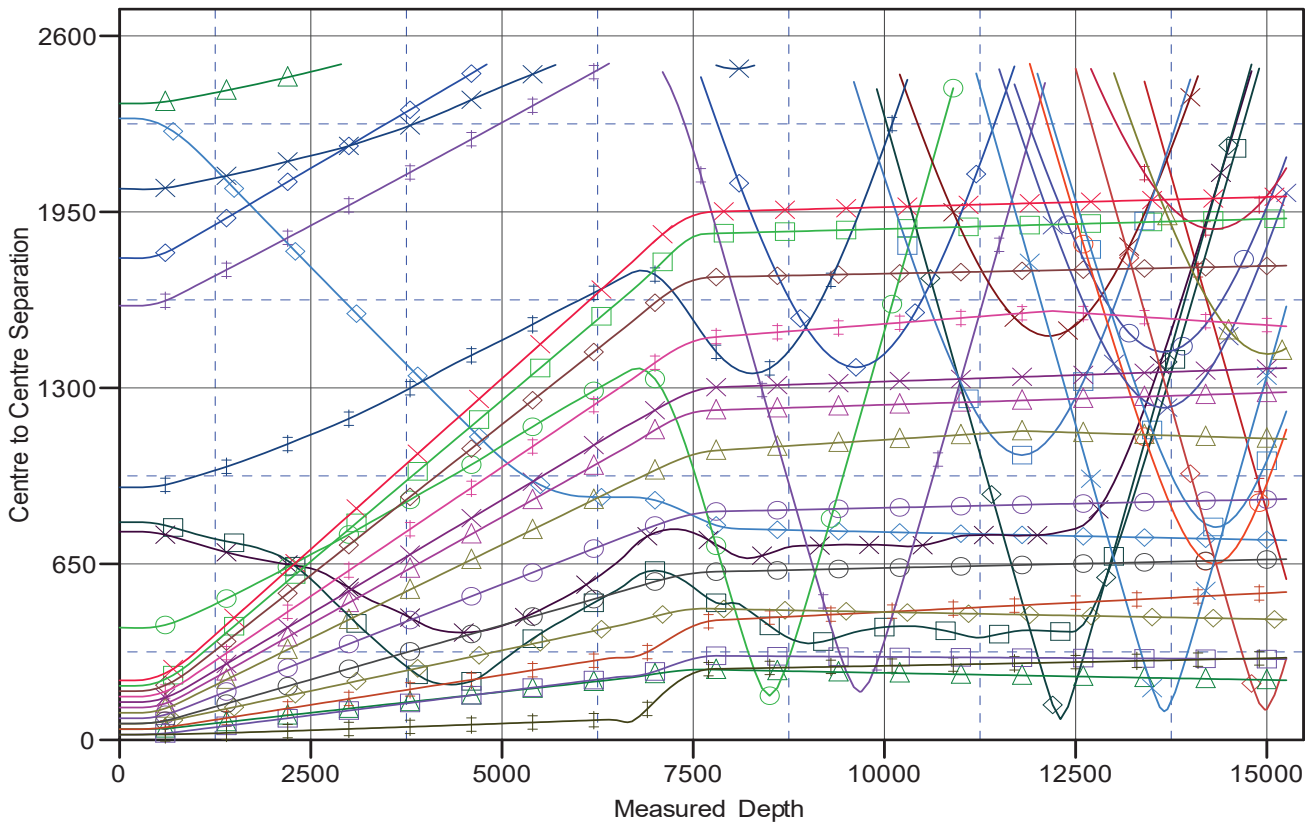
Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to RKB = 4' @ 4875.00usft (IKON 12)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 28C-1-M
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.44°

Ladder Plot



LEGEND

Schneider X-31-36HN, PDC Planned Well, Planned EnsignSurveys V0
Simonsen 10-241, PDC PR Well, Actual Ensign Surveys V0
Cecil Farms PC I06-67HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0
S B H 1, Amimex P&A Well, No Surveys V0
HKS 6-22, Noble SI Well, Actual VES Surveys (Grid to True) V0
CECIL 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 I06-68-1HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0
CECIL FARMS 6-41X, Noble P&A Well, Actual VES Surveys (Grid to True) V0
HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0
Baldridge 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
Baldridge 17-1, SRC PR Well, Actual Ensign Surveys V0
Baldridge 2-1, SRC PR Well, Actual Ensign Surveys V0
Baldridge 1-1, SRC PR Well, Actual Ensign Surveys V0
Schneider 16-36, SRC PR Well, Actual Ensign Surveys V0
Baldridge 7-1, SRC PR Well, Actual Ensign Surveys V0
GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7C-1-M, Wellbore#1, Design #1 V0
GOLDEN EAGLE 2N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25C-1-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 2N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21C-1-M, Wellbore #1, Design #1 V0

Hewlett-Packard

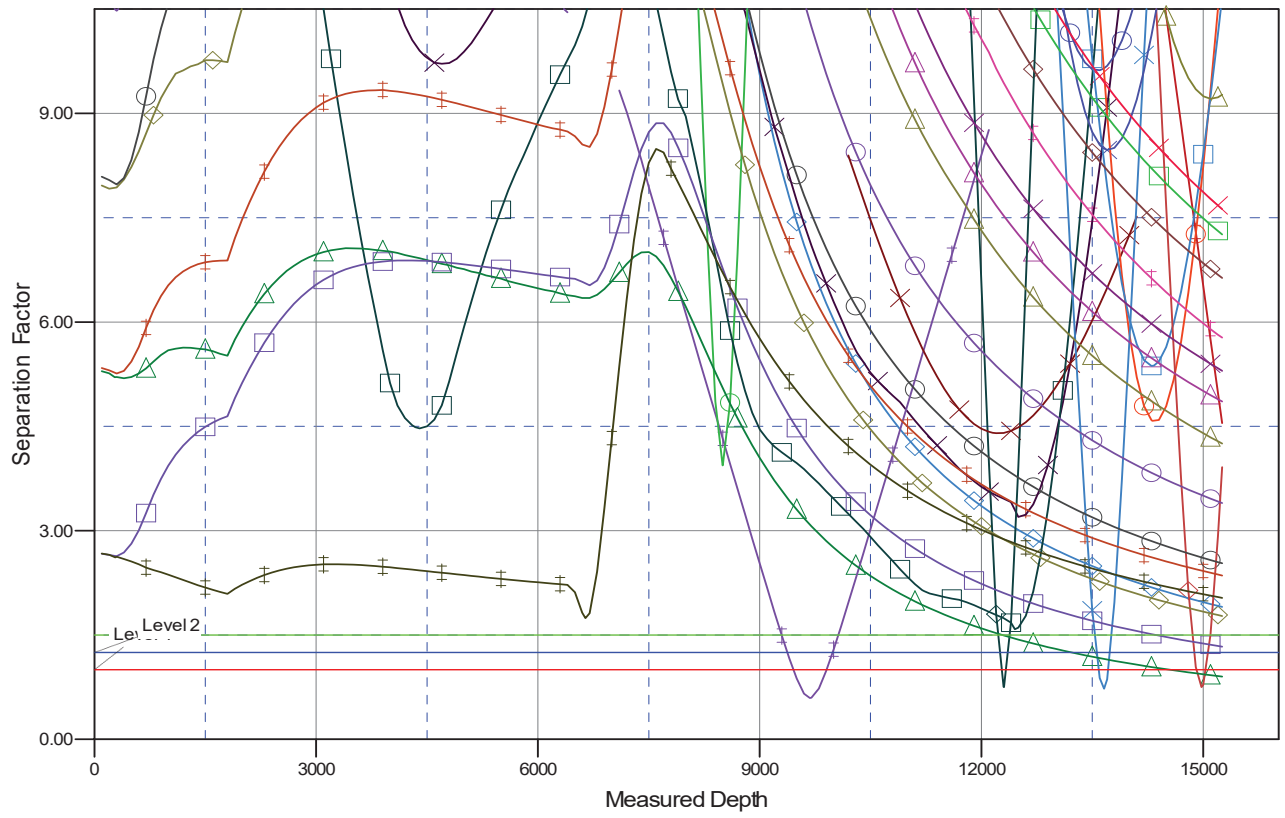
Anticollision Report

Company:	SRC ENERGY	**Local Co-ordinate Reference:**	Well GOLDEN EAGLE 28C-1-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 28C-1-M	**Survey Calculation Method:**	Minimum Curvature
Well Error:	3.28 usft	**Output errors are at**	2.45 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	Design #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to RKB = 4' @ 4875.00usft (IKON 12)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 28C-1-M
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.44°

Separation Factor Plot



LEGEND

Schneider X-31-36HN, PDC Planned Well, Planned EnsignSurveys V0
Simonsen 10-241, PDC PR Well, Actual Ensign Surveys V0
Cecil Farms PC 106-67HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0
S B H 1, Amirmex P&A Well, No Surveys V0
HKS 6-22, Noble SI Well, Actual VES Surveys (Grid to True) V0
CECIL FARMS 6-11, Noble P&A Well, Actual VES Surveys (Grid to True) V0
WEBER 6-13, Noble SI Well, Actual Coretech Surveys (Grid to True) V0
HKS 6-23, Noble SI Well, No Surveys V0
CECIL FARMS 6-41, Petro Canada DA Well, No Surveys V0
CECIL FARMS 6-14, Noble P&A Well, Actual VES Surveys (Grid to True) V0
Cecil Farms PC 106-68-1HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0
CECIL FARMS 6-41X, Noble P&A Well, Actual VES Surveys (Grid to True) V0
HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0
Baldridge 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
Baldridge 17-1, SRC PR Well, Actual Ensign Surveys V0
Baldridge 2-1, SRC PR Well, Actual Ensign Surveys V0
Baldridge 1-1, SRC PR Well, Actual Ensign Surveys V0
Schneider 16-36, SRC PR Well, Actual Ensign Surveys V0
Baldridge 7-1, SRC PR Well, Actual Ensign Surveys V0
GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7C-1-M, Wellbore#1, Design #1 V0
GOLDEN EAGLE 2N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25C-1-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 2N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21C-1-M, Wellbore #1, Design #1 V0