EXTRACTION OIL & GAS

Weld County
Sec 26-T7N-R67W
LIND 26W-30-6N

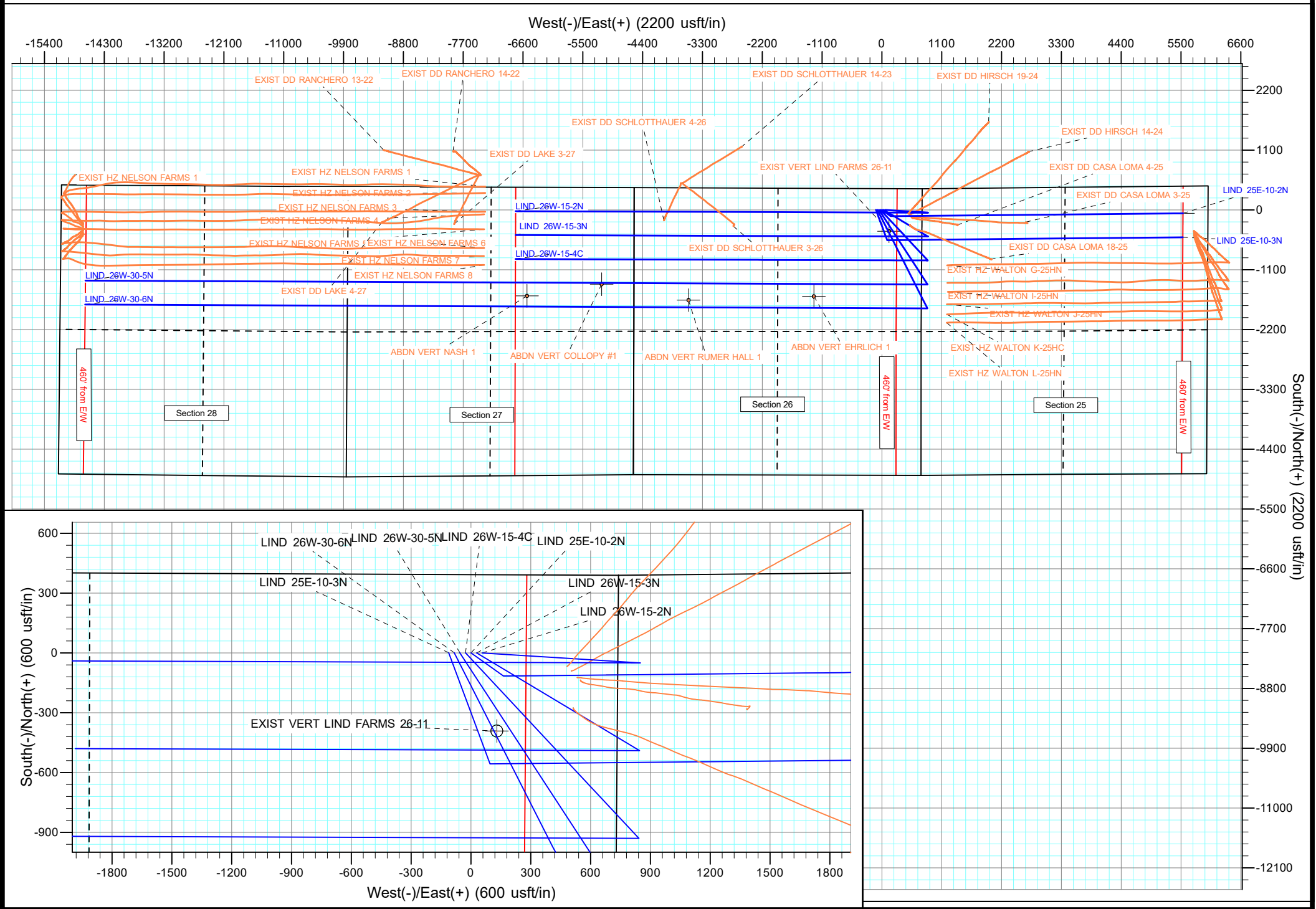
ORIGINAL WELLBORE
PROPOSAL 1

Anticollision Report

04 January, 2018

EXTRACTION Oil & Gas

Project: Weld County
Site: Sec 26-T7N-R67W
Well: LIND 25E-10-2N
ORIGINAL WELLBORE
PROPOSAL 1



Anticollision Report

Company:	EXTRACTION OIL & GAS	**Local Co-ordinate Reference:**	Well LIND 26W-30-6N
Project:	Weld County	**TVD Reference:**	KB 25' @ 4973.00usft
Reference Site:	Sec 26-T7N-R67W	**MD Reference:**	KB 25' @ 4973.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LIND 26W-30-6N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	**Offset TVD Reference:**	Offset Datum

Reference PROPOSAL 1

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00usft	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 9,999.98 usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 1/4/2018

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	22,536.71	PROPOSAL 1 (ORIGINAL WELLBORE)	MWD OWSG	OWSG MWD - Standard

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
Sec 26-T7N-R67W						
ABDN VERT COLLOPY #1 - Wellbore #1 - Design #1	13,041.99	4,575.00	2,411.26	2,338.04	32.931	CC
ABDN VERT COLLOPY #1 - Wellbore #1 - Design #1	13,100.00	4,575.00	2,411.96	2,338.01	32.617	ES
ABDN VERT COLLOPY #1 - Wellbore #1 - Design #1	14,600.00	4,575.00	2,870.81	2,754.29	24.638	SF
ABDN VERT EHRLICH 1 - Wellbore #1 - Design #1	9,139.23	6,885.98	211.81	15.32	1.078	Level 2, CC, ES, SF
ABDN VERT NASH 1 - Wellbore #1 - Design #1	14,413.92	4,327.00	2,622.25	2,550.59	36.594	CC, ES
ABDN VERT NASH 1 - Wellbore #1 - Design #1	16,000.00	4,327.00	3,064.61	2,947.66	26.204	SF
ABDN VERT RUMER HALL 1 - Wellbore #1 - Design #1	11,442.76	6,926.94	132.49	-123.02	0.519	Level 1, CC, ES, SF
EXIST DD CASA LOMA 18-25 - Wellbore #1 - Wellbore #	1,235.46	1,049.91	652.65	645.03	85.591	CC, ES
EXIST DD CASA LOMA 18-25 - Wellbore #1 - Wellbore #	6,750.00	6,654.36	1,484.47	1,411.30	20.287	SF
EXIST DD CASA LOMA 3-25 - Wellbore #1 - Wellbore #1	426.42	379.05	624.89	622.93	319.018	CC, ES
EXIST DD CASA LOMA 3-25 - Wellbore #1 - Wellbore #1	6,750.00	6,825.41	2,420.19	2,343.80	31.682	SF
EXIST DD CASA LOMA 4-25 - Wellbore #1 - Wellbore #1	567.97	499.43	645.51	642.69	229.399	CC
EXIST DD CASA LOMA 4-25 - Wellbore #1 - Wellbore #1	600.00	525.00	645.56	642.56	214.946	ES
EXIST DD CASA LOMA 4-25 - Wellbore #1 - Wellbore #1	6,950.00	6,685.88	1,642.00	1,584.87	28.740	SF
EXIST DD HIRSCH 14-24 - Wellbore #1 - Wellbore #1	0.00	0.00	595.31			
EXIST DD HIRSCH 14-24 - Wellbore #1 - Wellbore #1	300.00	267.31	595.92	594.67	475.254	ES
EXIST DD HIRSCH 14-24 - Wellbore #1 - Wellbore #1	6,850.00	6,850.00	3,396.81	3,327.54	49.032	SF
EXIST DD HIRSCH 19-24 - Wellbore #1 - Wellbore #1	624.71	571.40	569.28	565.98	172.511	CC
EXIST DD HIRSCH 19-24 - Wellbore #1 - Wellbore #1	700.00	639.54	569.48	565.65	148.730	ES
EXIST DD HIRSCH 19-24 - Wellbore #1 - Wellbore #1	6,850.00	6,833.21	3,607.81	3,547.25	59.575	SF
EXIST DD SCHLOTTHAUER 14-23 - Wellbore #1 - Well	10,485.25	7,157.25	2,950.08	2,833.35	25.273	CC
EXIST DD SCHLOTTHAUER 14-23 - Wellbore #1 - Well	10,500.00	7,157.44	2,950.12	2,833.08	25.205	ES
EXIST DD SCHLOTTHAUER 14-23 - Wellbore #1 - Well	11,300.00	7,167.37	3,060.50	2,930.20	23.488	SF
EXIST DD SCHLOTTHAUER 3-26 - Wellbore #1 - Wellb	10,615.16	7,160.78	1,514.19	1,395.50	12.757	CC, ES
EXIST DD SCHLOTTHAUER 3-26 - Wellbore #1 - Wellb	10,900.00	7,169.08	1,540.74	1,415.55	12.307	SF
EXIST DD SCHLOTTHAUER 4-26 - Wellbore #1 - Wellb	11,894.22	7,048.31	1,612.79	1,468.03	11.141	CC
EXIST DD SCHLOTTHAUER 4-26 - Wellbore #1 - Wellb	11,900.00	7,048.40	1,612.80	1,467.92	11.132	ES
EXIST DD SCHLOTTHAUER 4-26 - Wellbore #1 - Wellb	12,100.00	7,051.55	1,625.86	1,477.79	10.980	SF
EXIST HZ WALTON G-25HN - Wellbore #1 - Wellbore #1	7,149.25	12,253.00	1,055.69	915.91	7.552	CC
EXIST HZ WALTON G-25HN - Wellbore #1 - Wellbore #1	7,150.00	12,253.00	1,055.69	915.90	7.552	ES, SF
EXIST HZ WALTON H-25HC - Wellbore #1 - Wellbore #1	7,173.80	12,350.00	886.97	777.71	8.118	CC, ES
EXIST HZ WALTON H-25HC - Wellbore #1 - Wellbore #1	7,200.00	12,350.00	887.86	778.44	8.114	SF
EXIST HZ WALTON I-25HN - Wellbore #1 - Wellbore #1	7,107.38	12,280.00	705.45	609.19	7.329	CC, ES, SF
EXIST HZ WALTON J-25HN - Wellbore #1 - Wellbore #1	7,140.27	12,219.00	678.56	614.84	10.650	CC, ES
EXIST HZ WALTON J-25HN - Wellbore #1 - Wellbore #1	7,200.00	12,219.00	684.25	619.86	10.627	SF
EXIST HZ WALTON K-25HC - Wellbore #1 - Wellbore #1	7,172.23	12,498.00	752.20	682.78	10.836	CC, ES
EXIST HZ WALTON K-25HC - Wellbore #1 - Wellbore #1	7,250.00	12,498.00	761.37	689.58	10.606	SF

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	EXTRACTION OIL & GAS	**Local Co-ordinate Reference:**	Well LIND 26W-30-6N
Project:	Weld County	**TVD Reference:**	KB 25' @ 4973.00usft
Reference Site:	Sec 26-T7N-R67W	**MD Reference:**	KB 25' @ 4973.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LIND 26W-30-6N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 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
Sec 26-T7N-R67W						
EXIST HZ WALTON L-25HN - Wellbore #1 - Wellbore #1	7,116.30	12,380.00	680.97	587.21	7.263	CC, ES
EXIST HZ WALTON L-25HN - Wellbore #1 - Wellbore #1	7,200.00	12,380.00	691.66	594.84	7.144	SF
EXIST VERT LIND FARMS 26-11 - Wellbore #1 - Design	1,846.83	1,759.80	12.93	-31.75	0.289	Level 1, CC, ES, SF
LIND 25E-10-2N - ORIGINAL WELLBORE - PROPOSAL	568.98	566.89	74.67	70.95	20.042	CC
LIND 25E-10-2N - ORIGINAL WELLBORE - PROPOSAL	600.00	597.47	74.86	70.89	18.863	ES
LIND 25E-10-2N - ORIGINAL WELLBORE - PROPOSAL	800.00	806.80	87.88	82.30	15.763	SF
LIND 25E-10-3N - ORIGINAL WELLBORE - PROPOSAL	100.00	100.00	27.79	27.52	103.360	CC, ES
LIND 25E-10-3N - ORIGINAL WELLBORE - PROPOSAL	500.00	498.70	47.44	44.28	15.023	SF
LIND 26W-15-2N - ORIGINAL WELLBORE - PROPOSA	706.82	702.29	124.57	119.72	25.729	CC, ES
LIND 26W-15-2N - ORIGINAL WELLBORE - PROPOSA	14,700.00	14,333.39	1,754.63	1,349.90	4.335	SF
LIND 26W-15-3N - ORIGINAL WELLBORE - PROPOSA	531.81	527.05	103.39	99.98	30.367	CC, ES
LIND 26W-15-3N - ORIGINAL WELLBORE - PROPOSA	14,700.00	14,353.03	1,315.41	911.34	3.255	SF
LIND 26W-15-4C - ORIGINAL WELLBORE - PROPOSA	435.67	433.88	51.58	48.91	19.280	CC
LIND 26W-15-4C - ORIGINAL WELLBORE - PROPOSA	500.00	497.57	51.99	48.84	16.483	ES
LIND 26W-15-4C - ORIGINAL WELLBORE - PROPOSA	14,574.87	19,802.34	939.00	432.76	1.855	SF
LIND 26W-30-5N - ORIGINAL WELLBORE - PROPOSA	375.85	375.08	26.05	23.82	11.690	CC
LIND 26W-30-5N - ORIGINAL WELLBORE - PROPOSA	22,536.95	22,410.91	440.11	-392.22	0.529	Level 1, ES, SF
Sec 28-T7N-R67W						
EXIST HZ NELSON FARMS 1 - STK1 - STK1	21,400.00	21,400.00	2,248.40	1,526.03	3.113	ES, SF
EXIST HZ NELSON FARMS 1 - STK1 - STK1	22,536.95	6,967.26	2,130.50	1,693.73	4.878	CC
EXIST HZ NELSON FARMS 1 - Wellbore #1 - Wellbore #	22,536.95	6,726.33	2,112.08	1,681.17	4.901	CC, ES, SF
EXIST HZ NELSON FARMS 2 - Wellbore #1 - Wellbore #	17,500.00	17,500.00	2,055.01	1,483.48	3.596	ES, SF
EXIST HZ NELSON FARMS 2 - Wellbore #1 - Wellbore #	21,774.32	8,062.95	2,032.22	1,604.81	4.755	CC
EXIST HZ NELSON FARMS 3 - Wellbore #1 - Wellbore #	17,300.00	17,300.00	1,744.57	1,183.64	3.110	ES, SF
EXIST HZ NELSON FARMS 3 - Wellbore #1 - Wellbore #	22,078.89	7,747.50	1,702.07	1,273.84	3.975	CC
EXIST HZ NELSON FARMS 4 - Wellbore #1 - Wellbore #	22,104.02	7,886.00	1,558.72	1,134.55	3.675	CC
EXIST HZ NELSON FARMS 4 - Wellbore #1 - Wellbore #	22,536.95	7,439.73	1,560.41	1,131.61	3.639	ES, SF
EXIST HZ NELSON FARMS 5 - Wellbore #1 - Wellbore #	21,579.42	8,146.41	1,380.55	955.41	3.247	CC
EXIST HZ NELSON FARMS 5 - Wellbore #1 - Wellbore #	21,600.00	8,132.26	1,380.59	955.30	3.246	ES
EXIST HZ NELSON FARMS 5 - Wellbore #1 - Wellbore #	22,536.95	7,114.89	1,391.87	960.09	3.224	SF
EXIST HZ NELSON FARMS 6 - Wellbore #1 - Wellbore #	17,899.13	11,879.27	1,055.21	629.92	2.481	CC
EXIST HZ NELSON FARMS 6 - Wellbore #1 - Wellbore #	17,900.00	11,878.66	1,055.21	629.91	2.481	ES, SF
EXIST HZ NELSON FARMS 7 - Wellbore #1 - Wellbore #	18,600.00	18,600.00	1,000.34	399.53	1.665	ES, SF
EXIST HZ NELSON FARMS 7 - Wellbore #1 - Wellbore #	22,109.05	7,835.52	950.81	539.28	2.310	CC
EXIST HZ NELSON FARMS 8 - Wellbore #1 - Wellbore #	22,167.23	7,644.85	723.87	298.17	1.700	CC
EXIST HZ NELSON FARMS 8 - Wellbore #1 - Wellbore #	22,300.00	7,529.03	724.51	297.69	1.697	ES, SF

Offset Design Sec 26-T7N-R67W - ABDN VERT COLLOPY #1 - Wellbore #1 - Design #1

Survey Program: 0-INC

Offset Site Error: 0.00 usft

Offset Well Error: 0.00 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	15.00	15.00	0.00	0.12	-105.09	-1,367.10	-5,071.20	5,252.24				
100.00	100.00	115.00	115.00	0.13	1.16	-105.09	-1,367.10	-5,071.20	5,252.24	5,250.95	1.29	4,067.053	
200.00	199.98	214.98	214.98	0.48	3.50	101.83	-1,367.10	-5,071.20	5,252.60	5,248.61	3.98	1,319.390	
300.00	299.84	314.84	314.84	0.85	5.57	101.86	-1,367.10	-5,071.20	5,253.67	5,247.26	6.41	819.176	
400.00	399.45	414.45	414.45	1.22	7.60	101.92	-1,367.10	-5,071.20	5,255.47	5,246.65	8.82	595.565	
500.00	498.70	513.70	513.70	1.62	9.62	102.00	-1,367.10	-5,071.20	5,258.02	5,246.78	11.24	467.893	
600.00	597.47	612.47	612.47	2.05	11.61	102.10	-1,367.10	-5,071.20	5,261.32	5,247.66	13.66	385.099	
700.00	695.62	710.62	710.62	2.51	13.60	102.22	-1,367.10	-5,071.20	5,265.42	5,249.31	16.10	326.981	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company:	EXTRACTION OIL & GAS	**Local Co-ordinate Reference:**	Well LIND 26W-30-6N
Project:	Weld County	**TVD Reference:**	KB 25' @ 4973.00usft
Reference Site:	Sec 26-T7N-R67W	**MD Reference:**	KB 25' @ 4973.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LIND 26W-30-6N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 26-T7N-R67W - EXIST VERT LIND FARMS 26-11 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-INC

Offset Well Error: 0.00 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	0.00	0.00	151.43	-392.00	213.42	446.59				
100.00	100.00	85.00	85.00	0.13	0.48	151.43	-392.00	213.42	446.34	445.73	0.61	732.033	
200.00	199.98	184.98	184.98	0.48	2.65	-1.67	-392.00	213.42	444.59	441.46	3.13	141.926	
300.00	299.84	284.84	284.84	0.85	4.78	-1.69	-392.00	213.42	439.36	433.73	5.63	78.079	
400.00	399.45	384.45	384.45	1.22	6.82	-1.73	-392.00	213.42	430.65	422.62	8.03	53.615	
500.00	498.70	483.70	483.70	1.62	8.83	-1.79	-392.00	213.42	418.47	408.05	10.42	40.175	
600.00	597.47	582.47	582.47	2.05	10.83	-1.87	-392.00	213.42	402.83	390.05	12.79	31.504	
700.00	695.62	680.62	680.62	2.51	12.81	-1.97	-392.00	213.42	383.76	368.62	15.14	25.340	
800.00	793.06	778.06	778.06	3.01	14.78	-2.11	-392.00	213.42	361.28	343.79	17.49	20.657	
900.00	889.64	874.64	874.64	3.56	16.72	-2.30	-392.00	213.42	335.42	315.60	19.82	16.922	
1,000.00	985.27	970.27	970.27	4.14	18.65	-2.54	-392.00	213.42	306.21	284.07	22.14	13.833	
1,100.00	1,079.82	1,064.82	1,064.82	4.78	20.56	-2.88	-392.00	213.42	273.69	249.25	24.43	11.201	
1,177.68	1,152.44	1,137.44	1,137.44	5.30	22.02	-3.24	-392.00	213.42	246.17	219.96	26.21	9.393	
1,200.00	1,173.20	1,158.20	1,158.20	5.46	22.44	-3.35	-392.00	213.42	237.98	211.26	26.72	8.907	
1,300.00	1,266.21	1,251.21	1,251.21	6.17	24.31	-3.96	-392.00	213.42	201.31	172.33	28.98	6.946	
1,400.00	1,359.22	1,344.22	1,344.22	6.88	26.18	-4.84	-392.00	213.42	164.66	133.41	31.25	5.269	
1,500.00	1,452.22	1,437.22	1,437.22	7.60	28.05	-6.23	-392.00	213.42	128.07	94.54	33.53	3.819	
1,600.00	1,545.23	1,530.23	1,530.23	8.33	29.92	-8.71	-392.00	213.42	91.60	55.76	35.84	2.556	
1,700.00	1,638.24	1,623.24	1,623.24	9.06	31.79	-14.45	-392.00	213.42	55.47	17.23	38.24	1.450	Level 3
1,800.00	1,731.25	1,716.25	1,716.25	9.79	33.67	-38.93	-392.00	213.42	21.52	-20.11	41.63	0.517	Level 1
1,846.83	1,774.80	1,759.80	1,759.80	10.13	34.54	-90.00	-392.00	213.42	12.93	-31.75	44.67	0.289	Level 1, CC, ES, SF
1,900.00	1,824.25	1,809.25	1,809.25	10.52	35.54	-144.57	-392.00	213.42	23.42	-20.33	43.76	0.535	Level 1
2,000.00	1,917.26	1,902.26	1,902.26	11.26	37.41	-166.13	-392.00	213.42	57.74	12.67	45.07	1.281	Level 3
2,100.00	2,010.27	2,004.73	1,995.27	12.00	39.47	-171.50	-392.00	213.42	93.90	46.49	47.41	1.981	
2,200.00	2,103.28	2,088.28	2,088.28	12.73	41.15	-173.89	-392.00	213.42	130.39	80.93	49.45	2.636	
2,300.00	2,196.28	2,181.28	2,181.28	13.47	43.02	-175.23	-392.00	213.42	166.98	115.27	51.72	3.229	
2,400.00	2,289.29	2,274.29	2,274.29	14.21	44.89	-176.09	-392.00	213.42	203.63	149.64	53.99	3.772	
2,500.00	2,382.30	2,367.30	2,367.30	14.95	46.76	-176.68	-392.00	213.42	240.30	184.04	56.26	4.271	
2,600.00	2,475.30	2,460.30	2,460.30	15.69	48.63	-177.12	-392.00	213.42	277.00	218.46	58.54	4.732	
2,700.00	2,568.31	2,553.31	2,553.31	16.43	50.50	-177.46	-392.00	213.42	313.70	252.88	60.81	5.158	
2,800.00	2,661.32	2,646.32	2,646.32	17.18	52.37	-177.73	-392.00	213.42	350.41	287.31	63.09	5.554	
2,900.00	2,754.33	2,739.33	2,739.33	17.92	54.24	-177.94	-392.00	213.42	387.12	321.75	65.37	5.922	
3,000.00	2,847.33	2,832.33	2,832.33	18.66	56.12	-178.12	-392.00	213.42	423.84	356.19	67.65	6.265	
3,100.00	2,940.34	2,925.34	2,925.34	19.40	57.99	-178.27	-392.00	213.42	460.56	390.63	69.93	6.586	
3,200.00	3,033.35	3,018.35	3,018.35	20.15	59.86	-178.40	-392.00	213.42	497.28	425.07	72.22	6.886	
3,300.00	3,126.36	3,111.36	3,111.36	20.89	61.73	-178.51	-392.00	213.42	534.01	459.51	74.50	7.168	
3,400.00	3,219.36	3,204.36	3,204.36	21.63	63.60	-178.60	-392.00	213.42	570.74	493.96	76.78	7.433	
3,500.00	3,312.37	3,302.63	3,297.37	22.38	65.57	-178.69	-392.00	213.42	607.47	528.30	79.17	7.673	
3,600.00	3,405.38	3,409.62	3,390.38	23.12	67.73	-178.76	-392.00	213.42	644.19	562.46	81.73	7.882	
3,700.00	3,498.39	3,483.39	3,483.39	23.87	69.21	-178.83	-392.00	213.42	680.93	597.30	83.63	8.142	
3,800.00	3,591.39	3,576.39	3,576.39	24.61	71.08	-178.89	-392.00	213.42	717.66	631.74	85.91	8.353	
3,900.00	3,684.40	3,669.40	3,669.40	25.35	72.95	-178.94	-392.00	213.42	754.39	666.19	88.20	8.554	
4,000.00	3,777.41	3,762.41	3,762.41	26.10	74.82	-178.99	-392.00	213.42	791.12	700.64	90.48	8.744	
4,100.00	3,870.42	3,855.42	3,855.42	26.84	76.69	-179.04	-392.00	213.42	827.85	735.09	92.76	8.924	
4,200.00	3,963.42	3,948.42	3,948.42	27.59	78.56	-179.08	-392.00	213.42	864.59	769.54	95.05	9.096	
4,300.00	4,056.43	4,041.43	4,041.43	28.33	80.43	-179.12	-392.00	213.42	901.32	803.99	97.33	9.260	
4,400.00	4,149.44	4,134.44	4,134.44	29.08	82.30	-179.15	-392.00	213.42	938.05	838.43	99.62	9.417	
4,500.00	4,242.45	4,227.45	4,227.45	29.82	84.17	-179.18	-392.00	213.42	974.79	872.88	101.90	9.566	
4,600.00	4,335.45	4,320.45	4,320.45	30.57	86.04	-179.21	-392.00	213.42	1,011.52	907.33	104.19	9.709	
4,700.00	4,428.46	4,413.46	4,413.46	31.31	87.91	-179.24	-392.00	213.42	1,048.25	941.78	106.47	9.845	
4,800.00	4,521.47	4,506.47	4,506.47	32.06	89.78	-179.27	-392.00	213.42	1,084.99	976.23	108.76	9.976	
4,900.00	4,614.48	4,600.52	4,599.48	32.80	91.68	-179.29	-392.00	213.42	1,121.72	1,010.66	111.06	10.100	

Company:	EXTRACTION OIL & GAS	**Local Co-ordinate Reference:**	Well LIND 26W-30-6N
Project:	Weld County	**TVD Reference:**	KB 25' @ 4973.00usft
Reference Site:	Sec 26-T7N-R67W	**MD Reference:**	KB 25' @ 4973.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LIND 26W-30-6N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 26-T7N-R67W - EXIST VERT LIND FARMS 26-11 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-INC

Offset Well Error: 0.00 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	4,707.48	4,707.52	4,692.48	33.55	93.83	-179.31	-392.00	213.42	1,158.46	1,044.83	113.63	10.195	
5,100.00	4,800.49	4,785.49	4,785.49	34.29	95.40	-179.33	-392.00	213.42	1,195.19	1,079.58	115.61	10.338	
5,200.00	4,893.50	4,878.50	4,878.50	35.04	97.27	-179.35	-392.00	213.42	1,231.93	1,114.03	117.90	10.449	
5,300.00	4,986.50	4,971.50	4,971.50	35.78	99.14	-179.37	-392.00	213.42	1,268.66	1,148.48	120.19	10.556	
5,400.00	5,079.51	5,064.51	5,064.51	36.53	101.01	-179.39	-392.00	213.42	1,305.40	1,182.93	122.47	10.659	
5,500.00	5,172.52	5,157.52	5,157.52	37.28	102.88	-179.41	-392.00	213.42	1,342.13	1,217.38	124.76	10.758	
5,600.00	5,265.53	5,250.53	5,250.53	38.02	104.75	-179.42	-392.00	213.42	1,378.87	1,251.82	127.05	10.853	
5,615.09	5,279.56	5,264.56	5,264.56	38.13	105.03	-179.42	-392.00	213.42	1,384.41	1,257.02	127.39	10.867	
5,700.00	5,358.99	5,343.99	5,343.99	38.75	106.63	-179.44	-392.00	213.42	1,414.43	1,285.09	129.34	10.936	
5,800.00	5,453.61	5,438.61	5,438.61	39.42	108.53	-179.46	-392.00	213.42	1,446.75	1,315.10	131.64	10.990	
5,900.00	5,549.31	5,534.31	5,534.31	40.04	110.46	-179.48	-392.00	213.42	1,475.74	1,341.77	133.97	11.016	
6,000.00	5,645.97	5,630.97	5,630.97	40.61	112.40	-179.49	-392.00	213.42	1,501.37	1,365.08	136.30	11.016	
6,100.00	5,743.45	5,728.45	5,728.45	41.13	114.36	-179.50	-392.00	213.42	1,523.62	1,384.99	138.63	10.990	
6,200.00	5,841.66	5,826.66	5,826.66	41.59	116.33	-179.51	-392.00	213.42	1,542.45	1,401.48	140.97	10.942	
6,300.00	5,940.46	5,925.46	5,925.46	42.00	118.32	-179.52	-392.00	213.42	1,557.85	1,414.53	143.31	10.870	
6,400.00	6,039.74	6,024.74	6,024.74	42.36	120.32	-179.53	-392.00	213.42	1,569.78	1,424.13	145.65	10.778	
6,500.00	6,139.38	6,124.38	6,124.38	42.68	122.32	-179.53	-392.00	213.42	1,578.24	1,430.27	147.97	10.666	
6,600.00	6,239.25	6,224.25	6,224.25	42.94	124.33	-179.53	-392.00	213.42	1,583.23	1,432.93	150.29	10.534	
6,692.77	6,332.00	6,317.00	6,317.00	43.12	126.20	-26.44	-392.00	213.42	1,584.73	1,432.30	152.42	10.397	
6,700.00	6,339.23	6,324.23	6,324.23	43.14	126.34	-26.44	-392.00	213.42	1,584.73	1,432.14	152.59	10.386	
6,722.77	6,362.00	6,347.00	6,347.00	43.17	126.80	-26.44	-392.00	213.42	1,584.73	1,431.62	153.10	10.351	
6,750.00	6,389.22	6,374.22	6,374.22	43.22	127.35	63.35	-392.00	213.42	1,584.44	1,430.71	153.72	10.307	
6,800.00	6,439.00	6,424.00	6,424.00	43.28	128.35	63.68	-392.00	213.42	1,582.40	1,427.55	154.85	10.219	
6,850.00	6,488.19	6,473.19	6,473.19	43.33	129.34	64.32	-392.00	213.42	1,578.46	1,422.51	155.95	10.122	
6,900.00	6,536.42	6,521.42	6,521.42	43.36	130.31	65.27	-392.00	213.42	1,572.70	1,415.68	157.02	10.016	
6,950.00	6,583.32	6,568.32	6,568.32	43.37	131.25	66.50	-392.00	213.42	1,565.25	1,407.20	158.06	9.903	
7,000.00	6,628.54	6,613.54	6,613.54	43.38	132.16	68.00	-392.00	213.42	1,556.29	1,397.24	159.05	9.785	
7,050.00	6,671.73	6,656.73	6,656.73	43.37	133.03	69.75	-392.00	213.42	1,546.01	1,386.00	160.02	9.662	
7,100.00	6,712.57	6,702.43	6,697.57	43.35	133.95	71.69	-392.00	213.42	1,534.66	1,373.62	161.04	9.530	
7,150.00	6,750.73	6,735.73	6,735.73	43.32	134.62	73.80	-392.00	213.42	1,522.50	1,360.66	161.83	9.408	
7,200.00	6,785.94	6,770.94	6,770.94	43.28	135.32	76.01	-392.00	213.42	1,509.81	1,347.11	162.70	9.280	
7,250.00	6,817.92	6,802.92	6,802.92	43.23	135.97	78.25	-392.00	213.42	1,496.90	1,333.36	163.54	9.153	
7,300.00	6,846.44	6,831.44	6,831.44	43.18	136.54	80.47	-392.00	213.42	1,484.08	1,319.71	164.37	9.029	
7,350.00	6,871.26	6,856.26	6,856.26	43.12	137.04	82.59	-392.00	213.42	1,471.66	1,306.46	165.19	8.909	
7,400.00	6,892.22	6,877.22	6,877.22	43.06	137.46	84.55	-392.00	213.42	1,459.93	1,293.92	166.01	8.794	
7,450.00	6,909.13	6,905.87	6,894.13	43.00	138.04	86.29	-392.00	213.42	1,449.17	1,282.11	167.06	8.675	
7,500.00	6,921.88	6,906.88	6,906.88	42.93	138.06	87.76	-392.00	213.42	1,439.63	1,272.01	167.62	8.589	
7,550.00	6,930.38	6,915.38	6,915.38	42.86	138.23	88.91	-392.00	213.42	1,431.53	1,263.13	168.40	8.501	
7,600.00	6,934.55	6,919.55	6,919.55	42.79	138.31	89.74	-392.00	213.42	1,425.02	1,255.87	169.16	8.424	
7,622.84	6,935.00	6,920.00	6,920.00	42.76	138.32	90.00	-392.00	213.42	1,422.61	1,253.13	169.48	8.394	
7,700.00	6,935.00	6,920.00	6,920.00	42.65	138.32	90.00	-392.00	213.42	1,417.16	1,246.52	170.64	8.305	
7,761.76	6,935.00	6,920.00	6,920.00	42.58	138.32	90.00	-392.00	213.42	1,415.81	1,244.16	171.65	8.248	
7,800.00	6,935.00	6,920.00	6,920.00	42.54	138.32	90.00	-392.00	213.42	1,416.33	1,244.06	172.26	8.222	
7,900.00	6,935.00	6,920.00	6,920.00	42.47	138.32	90.00	-392.00	213.42	1,422.54	1,248.56	173.98	8.176	
8,000.00	6,934.99	6,919.99	6,919.99	42.43	138.32	90.00	-392.00	213.42	1,435.72	1,259.99	175.72	8.170	
8,100.00	6,934.99	6,919.99	6,919.99	42.45	138.32	90.00	-392.00	213.42	1,455.65	1,278.22	177.44	8.204	
8,200.00	6,934.99	6,919.99	6,919.99	42.59	138.32	90.00	-392.00	213.42	1,482.09	1,303.01	179.08	8.276	
8,300.00	6,934.99	6,919.99	6,919.99	42.95	138.32	90.00	-392.00	213.42	1,514.67	1,334.05	180.62	8.386	
8,400.00	6,934.99	6,919.99	6,919.99	43.75	138.32	90.00	-392.00	213.42	1,553.02	1,370.99	182.03	8.532	
8,500.00	6,934.99	6,919.99	6,919.99	45.11	138.32	90.00	-392.00	213.42	1,596.72	1,413.42	183.31	8.711	
8,600.00	6,934.99	6,919.99	6,919.99	46.86	138.32	90.00	-392.00	213.42	1,645.35	1,460.90	184.45	8.920	
8,700.00	6,934.98	6,919.98	6,919.98	48.83	138.32	90.00	-392.00	213.42	1,698.48	1,513.02	185.46	9.158	

Company:	EXTRACTION OIL & GAS	**Local Co-ordinate Reference:**	Well LIND 26W-30-6N
Project:	Weld County	**TVD Reference:**	KB 25' @ 4973.00usft
Reference Site:	Sec 26-T7N-R67W	**MD Reference:**	KB 25' @ 4973.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LIND 26W-30-6N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 26-T7N-R67W - EXIST VERT LIND FARMS 26-11 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-INC

Offset Well Error: 0.00 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
8,800.00	6,934.98	6,919.98	6,919.98	50.92	138.32	90.00	-392.00	213.42	1,755.70	1,569.36	186.34	9.422	
8,900.00	6,934.98	6,919.98	6,919.98	53.10	138.32	90.00	-392.00	213.42	1,816.62	1,629.52	187.10	9.709	
9,000.00	6,934.98	6,919.98	6,919.98	55.33	138.32	90.00	-392.00	213.42	1,880.90	1,693.14	187.76	10.018	
9,100.00	6,934.98	6,919.98	6,919.98	57.62	138.32	90.00	-392.00	213.42	1,948.18	1,759.86	188.32	10.345	
9,200.00	6,934.98	6,919.98	6,919.98	59.95	138.32	90.00	-392.00	213.42	2,018.18	1,829.38	188.81	10.689	
9,300.00	6,934.97	6,919.97	6,919.97	62.31	138.32	90.00	-392.00	213.42	2,090.63	1,901.41	189.22	11.049	
9,400.00	6,934.97	6,919.97	6,919.97	64.70	138.32	90.00	-392.00	213.42	2,165.26	1,975.70	189.57	11.422	
9,500.00	6,934.97	6,919.97	6,919.97	67.12	138.32	90.00	-392.00	213.42	2,241.88	2,052.02	189.86	11.808	
9,600.00	6,934.97	6,919.97	6,919.97	69.56	138.32	90.00	-392.00	213.42	2,320.27	2,130.16	190.11	12.205	
9,700.00	6,934.97	6,919.97	6,919.97	72.02	138.32	90.00	-392.00	213.42	2,400.27	2,209.96	190.32	12.612	
9,800.00	6,934.97	6,919.97	6,919.97	74.50	138.32	90.00	-392.00	213.42	2,481.72	2,291.23	190.49	13.028	
9,900.00	6,934.97	6,919.97	6,919.97	77.00	138.32	90.00	-392.00	213.42	2,564.49	2,373.85	190.63	13.452	
10,000.00	6,934.96	6,919.96	6,919.96	79.51	138.32	90.00	-392.00	213.42	2,648.44	2,457.69	190.75	13.884	
10,100.00	6,934.96	6,919.96	6,919.96	82.03	138.32	90.00	-392.00	213.42	2,733.48	2,542.63	190.85	14.323	
10,200.00	6,934.96	6,919.96	6,919.96	84.57	138.32	90.00	-392.00	213.42	2,819.49	2,628.56	190.93	14.767	
10,300.00	6,934.96	6,919.96	6,919.96	87.12	138.32	90.00	-392.00	213.42	2,906.41	2,715.41	191.00	15.217	
10,400.00	6,934.96	6,919.96	6,919.96	89.68	138.32	90.00	-392.00	213.42	2,994.14	2,803.09	191.05	15.672	
10,500.00	6,934.96	6,919.96	6,919.96	92.25	138.32	90.00	-392.00	213.42	3,082.61	2,891.52	191.09	16.132	
10,600.00	6,934.95	6,919.95	6,919.95	94.82	138.32	90.00	-392.00	213.42	3,171.77	2,980.66	191.12	16.596	
10,700.00	6,934.95	6,919.95	6,919.95	97.41	138.32	90.00	-392.00	213.42	3,261.56	3,070.42	191.14	17.064	
10,800.00	6,934.95	6,919.95	6,919.95	100.00	138.32	90.00	-392.00	213.42	3,351.93	3,160.77	191.16	17.535	
10,900.00	6,934.95	6,919.95	6,919.95	102.60	138.32	90.00	-392.00	213.42	3,442.83	3,251.66	191.17	18.010	
11,000.00	6,934.95	6,919.95	6,919.95	105.20	138.32	90.00	-392.00	213.42	3,534.22	3,343.05	191.17	18.487	
11,100.00	6,934.95	6,919.95	6,919.95	107.81	138.32	90.00	-392.00	213.42	3,626.07	3,434.90	191.17	18.967	
11,200.00	6,934.95	6,919.95	6,919.95	110.43	138.32	90.00	-392.00	213.42	3,718.34	3,527.16	191.17	19.450	
11,300.00	6,934.94	6,919.94	6,919.94	113.05	138.32	90.00	-392.00	213.42	3,811.00	3,619.83	191.17	19.935	
11,400.00	6,934.94	6,919.94	6,919.94	115.68	138.32	90.00	-392.00	213.42	3,904.02	3,712.85	191.16	20.422	
11,500.00	6,934.94	6,919.94	6,919.94	118.31	138.32	90.00	-392.00	213.42	3,997.37	3,806.22	191.16	20.912	
11,600.00	6,934.94	6,919.94	6,919.94	120.95	138.32	90.00	-392.00	213.42	4,091.04	3,899.90	191.15	21.403	
11,700.00	6,934.94	6,919.94	6,919.94	123.58	138.32	90.00	-392.00	213.42	4,185.01	3,993.87	191.14	21.895	
11,800.00	6,934.94	6,919.94	6,919.94	126.23	138.32	90.00	-392.00	213.42	4,279.24	4,088.12	191.12	22.390	
11,900.00	6,934.93	6,919.93	6,919.93	128.87	138.32	90.00	-392.00	213.42	4,373.74	4,182.62	191.11	22.886	
12,000.00	6,934.93	6,919.93	6,919.93	131.52	138.32	90.00	-392.00	213.42	4,468.47	4,277.37	191.10	23.383	
12,100.00	6,934.93	6,919.93	6,919.93	134.18	138.32	90.00	-392.00	213.42	4,563.43	4,372.34	191.09	23.881	
12,200.00	6,934.93	6,919.93	6,919.93	136.83	138.32	90.00	-392.00	213.42	4,658.60	4,467.52	191.08	24.381	
12,300.00	6,934.93	6,919.93	6,919.93	139.49	138.32	90.00	-392.00	213.42	4,753.96	4,562.90	191.07	24.881	
12,400.00	6,934.93	6,919.93	6,919.93	142.15	138.32	90.00	-392.00	213.42	4,849.52	4,658.46	191.05	25.383	
12,500.00	6,934.93	6,919.93	6,919.93	144.81	138.32	90.00	-392.00	213.42	4,945.25	4,754.20	191.04	25.886	
12,600.00	6,934.92	6,919.92	6,919.92	147.48	138.32	90.00	-392.00	213.42	5,041.14	4,850.11	191.03	26.389	
12,700.00	6,934.92	6,919.92	6,919.92	150.15	138.32	90.00	-392.00	213.42	5,137.19	4,946.17	191.02	26.893	
12,800.00	6,934.92	6,919.92	6,919.92	152.81	138.32	90.00	-392.00	213.42	5,233.39	5,042.38	191.01	27.398	
12,900.00	6,934.92	6,919.92	6,919.92	155.49	138.32	90.00	-392.00	213.42	5,329.73	5,138.73	191.00	27.904	
13,000.00	6,934.92	6,919.92	6,919.92	158.16	138.32	90.00	-392.00	213.42	5,426.21	5,235.21	190.99	28.410	
13,100.00	6,934.92	6,919.92	6,919.92	160.83	138.32	90.00	-392.00	213.42	5,522.80	5,331.82	190.99	28.917	
13,200.00	6,934.91	6,919.91	6,919.91	163.51	138.32	90.00	-392.00	213.42	5,619.52	5,428.54	190.98	29.425	
13,300.00	6,934.91	6,919.91	6,919.91	166.19	138.32	90.00	-392.00	213.42	5,716.35	5,525.38	190.97	29.933	
13,400.00	6,934.91	6,919.91	6,919.91	168.87	138.32	90.00	-392.00	213.42	5,813.29	5,622.32	190.97	30.441	
13,500.00	6,934.91	6,919.91	6,919.91	171.55	138.32	90.00	-392.00	213.42	5,910.33	5,719.36	190.96	30.950	
13,600.00	6,934.91	6,919.91	6,919.91	174.24	138.32	90.00	-392.00	213.42	6,007.46	5,816.50	190.96	31.459	
13,700.00	6,934.91	6,919.91	6,919.91	176.92	138.32	90.00	-392.00	213.42	6,104.69	5,913.73	190.96	31.969	
13,800.00	6,934.91	6,919.91	6,919.91	179.61	138.32	90.00	-392.00	213.42	6,202.01	6,011.05	190.96	32.479	
13,900.00	6,934.90	6,919.90	6,919.90	182.29	138.32	90.00	-392.00	213.42	6,299.41	6,108.45	190.96	32.989	

Company:	EXTRACTION OIL & GAS	**Local Co-ordinate Reference:**	Well LIND 26W-30-6N
Project:	Weld County	**TVD Reference:**	KB 25' @ 4973.00usft
Reference Site:	Sec 26-T7N-R67W	**MD Reference:**	KB 25' @ 4973.00usft
Site Error:	0.00 usft	**North Reference:**	True
Reference Well:	LIND 26W-30-6N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	**Database:**	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	**Offset TVD Reference:**	Offset Datum

Offset Design Sec 26-T7N-R67W - EXIST VERT LIND FARMS 26-11 - Wellbore #1 - Design #1

Offset Site Error: 0.00 usft

Survey Program: 0-INC

Offset Well Error: 0.00 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
14,000.00	6,934.90	6,919.90	6,919.90	184.98	138.32	90.00	-392.00	213.42	6,396.89	6,205.93	190.96	33.499	
14,100.00	6,934.90	6,919.90	6,919.90	187.67	138.32	90.00	-392.00	213.42	6,494.45	6,303.49	190.96	34.010	
14,200.00	6,934.90	6,919.90	6,919.90	190.36	138.32	90.00	-392.00	213.42	6,592.08	6,401.12	190.96	34.521	
14,300.00	6,934.90	6,919.90	6,919.90	193.05	138.32	90.00	-392.00	213.42	6,689.78	6,498.82	190.96	35.032	
14,400.00	6,934.90	6,919.90	6,919.90	195.74	138.32	90.00	-392.00	213.42	6,787.55	6,596.58	190.96	35.544	
14,500.00	6,934.89	6,919.89	6,919.89	198.44	138.32	90.00	-392.00	213.42	6,885.38	6,694.41	190.97	36.055	
14,600.00	6,934.89	6,919.89	6,919.89	201.13	138.32	90.00	-392.00	213.42	6,983.27	6,792.30	190.97	36.567	
14,700.00	6,934.89	6,919.89	6,919.89	203.83	138.32	90.00	-392.00	213.42	7,081.22	6,890.24	190.98	37.078	
14,800.00	6,934.89	6,919.89	6,919.89	206.52	138.32	90.00	-392.00	213.42	7,179.23	6,988.25	190.99	37.590	
14,900.00	6,934.89	6,919.89	6,919.89	209.22	138.32	90.00	-392.00	213.42	7,277.30	7,086.30	190.99	38.102	
15,000.00	6,934.89	6,919.89	6,919.89	211.92	138.32	90.00	-392.00	213.42	7,375.41	7,184.41	191.00	38.614	
15,100.00	6,934.89	6,919.89	6,919.89	214.61	138.32	90.00	-392.00	213.42	7,473.58	7,282.56	191.01	39.126	
15,200.00	6,934.88	6,919.88	6,919.88	217.31	138.32	90.00	-392.00	213.42	7,571.79	7,380.77	191.02	39.638	
15,300.00	6,934.88	6,919.88	6,919.88	220.01	138.32	90.00	-392.00	213.42	7,670.05	7,479.01	191.03	40.150	
15,400.00	6,934.88	6,919.88	6,919.88	222.71	138.32	90.00	-392.00	213.42	7,768.35	7,577.31	191.05	40.662	
15,500.00	6,934.88	6,919.88	6,919.88	225.41	138.32	90.00	-392.00	213.42	7,866.70	7,675.64	191.06	41.174	
15,600.00	6,934.88	6,919.88	6,919.88	228.12	138.32	90.00	-392.00	213.42	7,965.08	7,774.01	191.07	41.686	
15,700.00	6,934.88	6,919.88	6,919.88	230.82	138.32	90.00	-392.00	213.42	8,063.51	7,872.43	191.09	42.198	
15,800.00	6,934.87	6,919.87	6,919.87	233.52	138.32	89.99	-392.00	213.42	8,161.98	7,970.88	191.10	42.710	
15,900.00	6,934.87	6,919.87	6,919.87	236.22	138.32	89.99	-392.00	213.42	8,260.48	8,069.36	191.12	43.222	
16,000.00	6,934.87	6,919.87	6,919.87	238.93	138.32	89.99	-392.00	213.42	8,359.02	8,167.88	191.13	43.734	
16,100.00	6,934.87	6,919.87	6,919.87	241.63	138.32	89.99	-392.00	213.42	8,457.59	8,266.44	191.15	44.246	
16,200.00	6,934.87	6,919.87	6,919.87	244.34	138.32	89.99	-392.00	213.42	8,556.19	8,365.03	191.17	44.757	
16,300.00	6,934.87	6,919.87	6,919.87	247.04	138.32	89.99	-392.00	213.42	8,654.83	8,463.64	191.19	45.269	
16,400.00	6,934.87	6,919.87	6,919.87	249.75	138.32	89.99	-392.00	213.42	8,753.50	8,562.29	191.21	45.780	
16,500.00	6,934.86	6,919.86	6,919.86	252.46	138.32	89.99	-392.00	213.42	8,852.20	8,660.97	191.23	46.291	
16,600.00	6,934.86	6,919.86	6,919.86	255.16	138.32	89.99	-392.00	213.42	8,950.93	8,759.68	191.25	46.802	
16,700.00	6,934.86	6,919.86	6,919.86	257.87	138.32	89.99	-392.00	213.42	9,049.68	8,858.41	191.27	47.313	
16,800.00	6,934.86	6,919.86	6,919.86	260.58	138.32	89.99	-392.00	213.42	9,148.46	8,957.17	191.29	47.824	
16,900.00	6,934.86	6,919.86	6,919.86	263.29	138.32	89.99	-392.00	213.42	9,247.27	9,055.95	191.32	48.335	
17,000.00	6,934.86	6,919.86	6,919.86	265.99	138.32	89.99	-392.00	213.42	9,346.10	9,154.76	191.34	48.845	
17,100.00	6,934.85	6,919.85	6,919.85	268.70	138.32	89.99	-392.00	213.42	9,444.96	9,253.60	191.37	49.356	
17,200.00	6,934.85	6,919.85	6,919.85	271.41	138.32	89.99	-392.00	213.42	9,543.84	9,352.45	191.39	49.866	
17,300.00	6,934.85	6,919.85	6,919.85	274.12	138.32	89.99	-392.00	213.42	9,642.75	9,451.33	191.42	50.376	
17,400.00	6,934.85	6,919.85	6,919.85	276.83	138.32	89.99	-392.00	213.42	9,741.68	9,550.23	191.44	50.885	
17,500.00	6,934.85	6,919.85	6,919.85	279.54	138.32	89.99	-392.00	213.42	9,840.62	9,649.15	191.47	51.395	
17,600.00	6,934.85	6,919.85	6,919.85	282.25	138.32	89.99	-392.00	213.42	9,939.59	9,748.10	191.50	51.904	