



Project: Weld Co., CO  
 Site: Sec.20-T7N-R66W  
 Well: Lind EE 20-021HN  
 Wellbore: Wellbore #1  
 Design: Design #1  
 Lat: 40° 33' 12.809 N  
 Long: 104° 48' 40.000 W  
 GL: 4960.30

KB: WELL @ 4976.50usft (Original Well Elev)

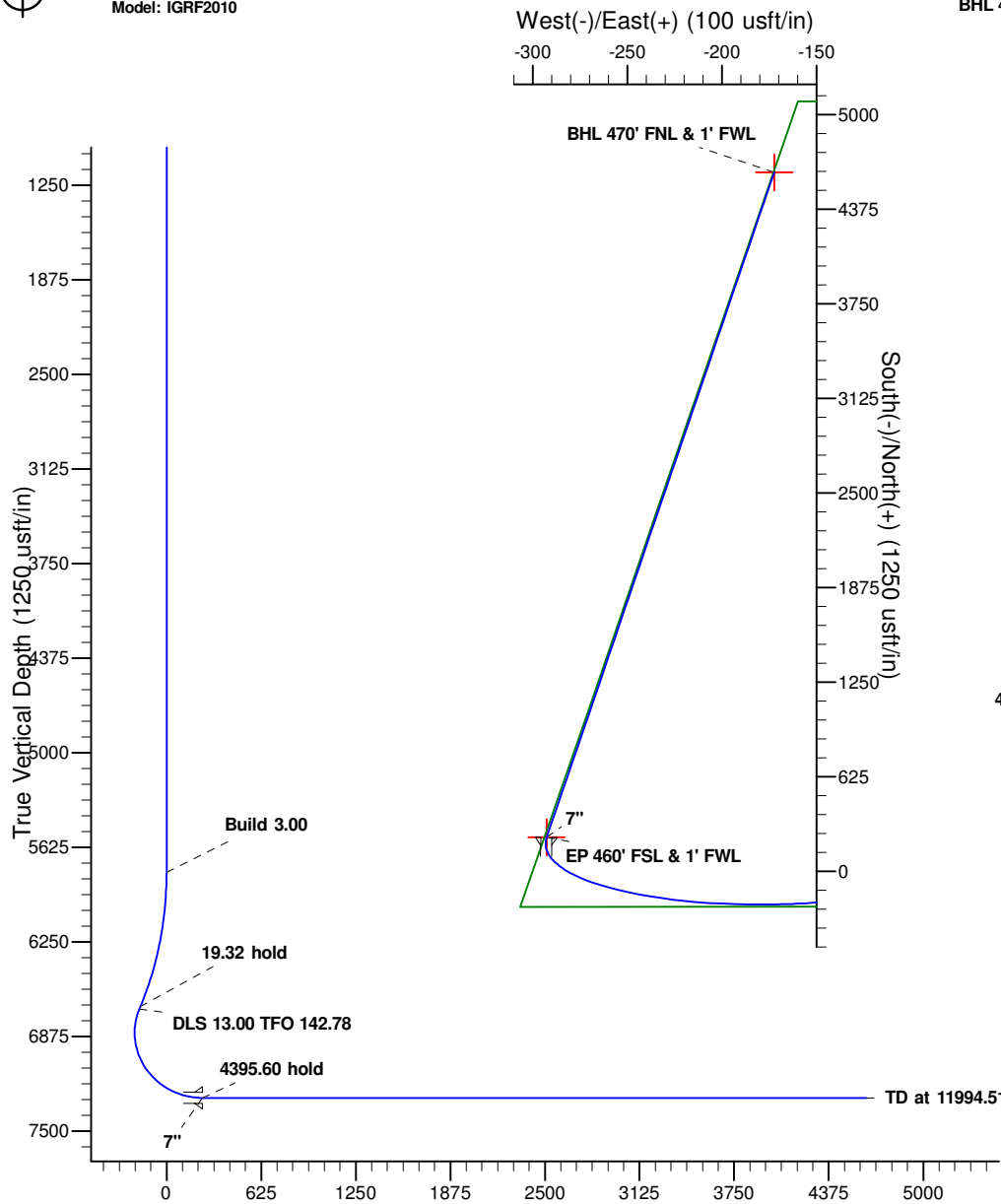


**Precision**  
 Directional Services

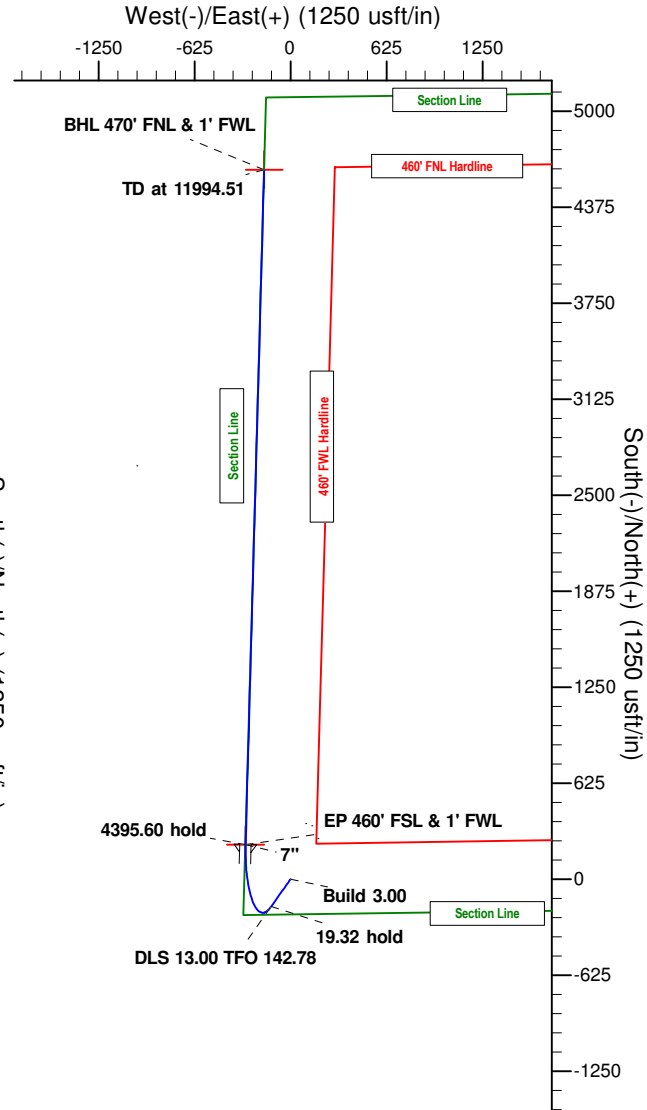


Azimuths to True North  
 Magnetic North: 8.52°  
 Magnetic Field  
 Strength: 52909.3snT  
 Dip Angle: 67.07°  
 Date: 04/07/2014  
 Model: IGRF2010

CASING DETAILS:  
 TVD MD Name Size  
 7280.50 7598.91 7" 7



Vertical Section at 357.86° (1250 usft/in)



#### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
BHL 470' FNL & 1' FWL	7280.50	4619.84	-172.25	40° 33' 58.460 N	104° 48' 42.232 W	
EP 460' FSL & 1' FWL	7280.50	225.89	-292.60	40° 33' 15.041 N	104° 48' 43.790 W	Point

#### SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5790.00	0.00	0.00	5790.00	0.00	0.00	0.00	0.00	0.00	Build 3.00
6712.85	27.69	215.50	6677.36	-178.02	-126.97	3.00	215.50	-173.17	19.32 hold
6732.18	27.69	215.50	6694.47	-185.33	-132.18	0.00	0.00	-180.28	DLS 13.00 TFO 142.78
7598.91	90.00	1.57	7280.50	225.89	-292.60	13.00	142.78	236.63	4395.60 hold
11994.51	90.00	1.57	7280.50	4619.84	-172.25	0.00	0.00	4623.05	TD at 11994.51



## **Great Western Oil & Gas**

**Weld Co., CO**

**Sec.20-T7N-R66W**

**Lind EE 20-021HN**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**08 April, 2014**



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Company:</b>	Great Western Oil & Gas	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site:</b>	Sec.20-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	Weld Co., CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Northern Zone		

Site	Sec.20-T7N-R66W				
Site Position:		Northing:	1,445,245.67 usft	Latitude:	40° 33' 12.809 N
From:	Lat/Long	Easting:	3,191,426.20 usft	Longitude:	104° 48' 40.000 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45

Well	Lind EE 20-021HN					
Well Position	+N/-S	-0.01 usft	Northing:	1,445,245.66 usft	Latitude:	40° 33' 12.809 N
	+E/-W	0.00 usft	Easting:	3,191,426.20 usft	Longitude:	104° 48' 40.000 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	4,960.30 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	04/07/14	8.52	67.07	52,909

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	357.86

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,790.00	0.00	0.00	5,790.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,712.85	27.69	215.50	6,677.36	-178.02	-126.97	3.00	3.00	0.00	215.50	
6,732.18	27.69	215.50	6,694.47	-185.33	-132.18	0.00	0.00	0.00	0.00	
7,598.91	90.00	1.57	7,280.50	225.89	-292.60	13.00	7.19	16.85	142.78	EP 460' FSL & 1' FWI
11,994.51	90.00	1.57	7,280.50	4,619.84	-172.25	0.00	0.00	0.00	0.00	BHL 470' FNL & 1' FV

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<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site:</b>	Sec.20-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

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<b>Site:</b>	Sec.20-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,790.00	0.00	0.00	5,790.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Build 3.00</b>									
5,800.00	0.30	215.50	5,800.00	-0.02	-0.02	-0.02	3.00	3.00	0.00
5,900.00	3.30	215.50	5,899.94	-2.58	-1.84	-2.51	3.00	3.00	0.00
6,000.00	6.30	215.50	5,999.58	-9.39	-6.70	-9.13	3.00	3.00	0.00
6,100.00	9.30	215.50	6,098.64	-20.44	-14.58	-19.88	3.00	3.00	0.00
6,200.00	12.30	215.50	6,196.86	-35.69	-25.46	-34.72	3.00	3.00	0.00
6,300.00	15.30	215.50	6,293.96	-55.11	-39.31	-53.61	3.00	3.00	0.00
6,400.00	18.30	215.50	6,389.68	-78.64	-56.09	-76.49	3.00	3.00	0.00
6,500.00	21.30	215.50	6,483.76	-106.21	-75.75	-103.32	3.00	3.00	0.00
6,600.00	24.30	215.50	6,575.93	-137.76	-98.25	-134.00	3.00	3.00	0.00
6,700.00	27.30	215.50	6,665.96	-173.19	-123.52	-168.47	3.00	3.00	0.00
6,712.85	27.69	215.50	6,677.36	-178.02	-126.97	-173.17	3.00	3.00	0.00
<b>19.32 hold</b>									
6,732.18	27.69	215.50	6,694.47	-185.33	-132.18	-180.28	0.00	0.00	0.00
<b>DLS 13.00 TFO 142.78</b>									
6,750.00	25.88	218.71	6,710.38	-191.74	-137.02	-186.50	13.00	-10.16	18.02
6,775.00	23.48	223.97	6,733.10	-199.58	-143.89	-194.08	13.00	-9.60	21.03
6,800.00	21.29	230.29	6,756.22	-206.06	-150.84	-200.30	13.00	-8.75	25.30
6,825.00	19.39	237.89	6,779.66	-211.17	-157.85	-205.14	13.00	-7.61	30.39
6,850.00	17.86	246.89	6,803.36	-214.88	-164.89	-208.59	13.00	-6.10	36.01
6,875.00	16.82	257.23	6,827.23	-217.19	-171.95	-210.63	13.00	-4.18	41.37
6,900.00	16.34	268.52	6,851.19	-218.08	-178.99	-211.26	13.00	-1.89	45.14
6,925.00	16.49	280.02	6,875.18	-217.55	-186.00	-210.47	13.00	0.59	46.02
6,950.00	17.25	290.93	6,899.11	-215.61	-192.96	-208.27	13.00	3.01	43.65
6,975.00	18.53	300.67	6,922.91	-212.26	-199.84	-204.66	13.00	5.14	38.95
7,000.00	20.24	309.00	6,946.49	-207.51	-206.62	-199.67	13.00	6.86	33.33
7,025.00	22.29	315.98	6,969.79	-201.38	-213.28	-193.29	13.00	8.18	27.89
7,050.00	24.59	321.77	6,992.73	-193.88	-219.79	-185.55	13.00	9.18	23.18
7,075.00	27.07	326.60	7,015.23	-185.04	-226.15	-176.49	13.00	9.92	19.31
7,100.00	29.68	330.65	7,037.23	-174.90	-232.31	-166.12	13.00	10.47	16.22
7,125.00	32.41	334.10	7,058.65	-163.47	-238.27	-154.48	13.00	10.89	13.77
7,150.00	35.21	337.05	7,079.42	-150.80	-244.01	-141.61	13.00	11.22	11.82
7,175.00	38.08	339.62	7,099.48	-136.94	-249.51	-127.55	13.00	11.47	10.27
7,200.00	40.99	341.88	7,118.76	-121.91	-254.75	-112.34	13.00	11.66	9.03
7,225.00	43.95	343.88	7,137.20	-105.78	-259.71	-96.03	13.00	11.82	8.02
7,250.00	46.93	345.68	7,154.74	-88.60	-264.37	-78.68	13.00	11.94	7.20
7,275.00	49.95	347.32	7,171.32	-70.41	-268.73	-60.35	13.00	12.05	6.53
7,300.00	52.98	348.81	7,186.90	-51.28	-272.77	-41.08	13.00	12.13	5.98
7,325.00	56.03	350.19	7,201.41	-31.27	-276.48	-20.94	13.00	12.20	5.52
7,350.00	59.09	351.47	7,214.82	-10.44	-279.84	-0.01	13.00	12.26	5.13
7,375.00	62.17	352.68	7,227.08	11.14	-282.84	21.67	13.00	12.31	4.81
7,400.00	65.26	353.81	7,238.15	33.39	-285.47	44.01	13.00	12.34	4.55
7,425.00	68.35	354.89	7,248.00	56.26	-287.73	66.94	13.00	12.38	4.33
7,450.00	71.45	355.93	7,256.59	79.66	-289.60	90.39	13.00	12.40	4.14
7,475.00	74.56	356.93	7,263.89	103.51	-291.09	114.29	13.00	12.43	4.00
7,500.00	77.67	357.90	7,269.89	127.76	-292.18	138.55	13.00	12.44	3.88
7,525.00	80.78	358.84	7,274.57	152.30	-292.88	163.11	13.00	12.46	3.79
7,550.00	83.90	359.78	7,277.90	177.07	-293.18	187.87	13.00	12.47	3.72

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<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site:</b>	Sec.20-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,575.00	87.02	0.69	7,279.88	201.99	-293.08	212.77	13.00	12.47	3.68
7,598.91	90.00	1.57	7,280.50	225.89	-292.60	236.63	13.00	12.48	3.66
4395.60 hold									
7,600.00	90.00	1.57	7,280.50	226.98	-292.57	237.72	0.00	0.00	0.00
7,700.00	90.00	1.57	7,280.50	326.94	-289.84	337.51	0.00	0.00	0.00
7,800.00	90.00	1.57	7,280.50	426.90	-287.10	437.30	0.00	0.00	0.00
7,900.00	90.00	1.57	7,280.50	526.86	-284.36	537.09	0.00	0.00	0.00
8,000.00	90.00	1.57	7,280.50	626.83	-281.62	636.88	0.00	0.00	0.00
8,100.00	90.00	1.57	7,280.50	726.79	-278.88	736.67	0.00	0.00	0.00
8,200.00	90.00	1.57	7,280.50	826.75	-276.15	836.47	0.00	0.00	0.00
8,300.00	90.00	1.57	7,280.50	926.71	-273.41	936.26	0.00	0.00	0.00
8,400.00	90.00	1.57	7,280.50	1,026.68	-270.67	1,036.05	0.00	0.00	0.00
8,500.00	90.00	1.57	7,280.50	1,126.64	-267.93	1,135.84	0.00	0.00	0.00
8,600.00	90.00	1.57	7,280.50	1,226.60	-265.19	1,235.63	0.00	0.00	0.00
8,700.00	90.00	1.57	7,280.50	1,326.56	-262.46	1,335.42	0.00	0.00	0.00
8,800.00	90.00	1.57	7,280.50	1,426.53	-259.72	1,435.21	0.00	0.00	0.00
8,900.00	90.00	1.57	7,280.50	1,526.49	-256.98	1,535.00	0.00	0.00	0.00
9,000.00	90.00	1.57	7,280.50	1,626.45	-254.24	1,634.79	0.00	0.00	0.00
9,100.00	90.00	1.57	7,280.50	1,726.41	-251.50	1,734.59	0.00	0.00	0.00
9,200.00	90.00	1.57	7,280.50	1,826.38	-248.77	1,834.38	0.00	0.00	0.00
9,300.00	90.00	1.57	7,280.50	1,926.34	-246.03	1,934.17	0.00	0.00	0.00
9,400.00	90.00	1.57	7,280.50	2,026.30	-243.29	2,033.96	0.00	0.00	0.00
9,500.00	90.00	1.57	7,280.50	2,126.26	-240.55	2,133.75	0.00	0.00	0.00
9,600.00	90.00	1.57	7,280.50	2,226.23	-237.81	2,233.54	0.00	0.00	0.00
9,700.00	90.00	1.57	7,280.50	2,326.19	-235.08	2,333.33	0.00	0.00	0.00
9,800.00	90.00	1.57	7,280.50	2,426.15	-232.34	2,433.12	0.00	0.00	0.00
9,900.00	90.00	1.57	7,280.50	2,526.11	-229.60	2,532.91	0.00	0.00	0.00
10,000.00	90.00	1.57	7,280.50	2,626.08	-226.86	2,632.71	0.00	0.00	0.00
10,100.00	90.00	1.57	7,280.50	2,726.04	-224.12	2,732.50	0.00	0.00	0.00
10,200.00	90.00	1.57	7,280.50	2,826.00	-221.39	2,832.29	0.00	0.00	0.00
10,300.00	90.00	1.57	7,280.50	2,925.96	-218.65	2,932.08	0.00	0.00	0.00
10,400.00	90.00	1.57	7,280.50	3,025.93	-215.91	3,031.87	0.00	0.00	0.00
10,500.00	90.00	1.57	7,280.50	3,125.89	-213.17	3,131.66	0.00	0.00	0.00
10,600.00	90.00	1.57	7,280.50	3,225.85	-210.43	3,231.45	0.00	0.00	0.00
10,700.00	90.00	1.57	7,280.50	3,325.81	-207.70	3,331.24	0.00	0.00	0.00
10,800.00	90.00	1.57	7,280.50	3,425.78	-204.96	3,431.03	0.00	0.00	0.00
10,900.00	90.00	1.57	7,280.50	3,525.74	-202.22	3,530.82	0.00	0.00	0.00
11,000.00	90.00	1.57	7,280.50	3,625.70	-199.48	3,630.62	0.00	0.00	0.00
11,100.00	90.00	1.57	7,280.50	3,725.66	-196.74	3,730.41	0.00	0.00	0.00
11,200.00	90.00	1.57	7,280.50	3,825.63	-194.01	3,830.20	0.00	0.00	0.00
11,300.00	90.00	1.57	7,280.50	3,925.59	-191.27	3,929.99	0.00	0.00	0.00
11,400.00	90.00	1.57	7,280.50	4,025.55	-188.53	4,029.78	0.00	0.00	0.00
11,500.00	90.00	1.57	7,280.50	4,125.51	-185.79	4,129.57	0.00	0.00	0.00
11,600.00	90.00	1.57	7,280.50	4,225.48	-183.05	4,229.36	0.00	0.00	0.00
11,700.00	90.00	1.57	7,280.50	4,325.44	-180.32	4,329.15	0.00	0.00	0.00
11,800.00	90.00	1.57	7,280.50	4,425.40	-177.58	4,428.94	0.00	0.00	0.00
11,900.00	90.00	1.57	7,280.50	4,525.36	-174.84	4,528.74	0.00	0.00	0.00
11,994.51	90.00	1.57	7,280.50	4,619.84	-172.25	4,623.05	0.00	0.00	0.00
TD at 11994.51									

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Company:</b>	Great Western Oil & Gas	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Project:</b>	Weld Co., CO	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site:</b>	Sec.20-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
EP 460' FSL & 1' FWL	0.00	0.00	7,280.50	225.89	-292.60	1,445,469.27	3,191,131.85	40° 33' 15.041 N	104° 48' 43.790 W
- plan hits target center									
- Point									
BHL 470' FNL & 1' FWL	0.00	0.00	7,280.50	4,619.84	-172.25	1,449,864.02	3,191,218.06	40° 33' 58.460 N	104° 48' 42.232 W
- plan hits target center									
- Point									

Casing Points				
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(")	(")
7,598.91	7,280.50	7"	7	7-1/2

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
5,790.00	5,790.00	0.00	0.00	Build 3.00
6,712.85	6,677.36	-178.02	-126.97	19.32 hold
6,732.18	6,694.47	-185.33	-132.18	DLS 13.00 TFO 142.78
7,598.91	7,280.50	225.89	-292.60	4395.60 hold
11,994.51	7,280.50	4,619.84	-172.25	TD at 11994.51



**Precision**  
Directional Services

## **Great Western Oil & Gas**

Weld Co., CO  
Sec.20-T7N-R66W  
Lind EE 20-021HN

Wellbore #1  
Design #1

## **Anticollision Report**

08 April, 2014





<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference	Design #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	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:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program		Date	04/08/14		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	11,994.51	Design #1 (Wellbore #1)	MWD	Std MWD	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Sec.20-T7N-R66W						
Lind EE 20-022HN - Wellbore #1 - Design #1	5,790.00	5,790.00	30.03	-0.20	0.993	Level 1, CC
Lind EE 20-022HN - Wellbore #1 - Design #1	5,800.00	5,800.00	30.05	-0.24	0.992	Level 1, ES, SF
Lind EE 20-024HC - Wellbore #1 - Design #1	5,790.00	5,790.00	59.48	29.24	1.967	CC
Lind EE 20-024HC - Wellbore #1 - Design #1	5,800.00	5,800.00	59.49	29.21	1.964	ES, SF
Lind EE 20-025HN - Wellbore #1 - Design #1	5,344.45	5,344.45	89.50	61.61	3.208	CC, ES
Lind EE 20-025HN - Wellbore #1 - Design #1	5,400.00	5,398.32	89.88	61.69	3.189	SF
Lind EE 20-027HN - Wellbore #1 - Design #1	4,433.34	4,433.34	119.53	96.40	5.168	CC, ES
Lind EE 20-027HN - Wellbore #1 - Design #1	4,500.00	4,497.10	120.14	96.67	5.119	SF

Offset Design		Sec.20-T7N-R66W - Lind EE 20-022HN - Wellbore #1 - Design #1											Offset Site Error:		0.00 usft
Survey Program:		0-MWD											Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
							+N/-S (usft)	+E/-W (usft)							
0.00	0.00	0.00	0.00	0.00	0.00	87.92	1.09	30.01	30.03						
100.00	100.00	100.00	100.00	0.22	0.22	87.92	1.09	30.01	30.03	29.59	0.44	68.442			
200.00	200.00	200.00	200.00	0.48	0.48	87.92	1.09	30.01	30.03	29.07	0.96	31.205			
300.00	300.00	300.00	300.00	0.74	0.74	87.92	1.09	30.01	30.03	28.54	1.49	20.209			
400.00	400.00	400.00	400.00	1.00	1.00	87.92	1.09	30.01	30.03	28.02	2.01	14.944			
500.00	500.00	500.00	500.00	1.27	1.27	87.92	1.09	30.01	30.03	27.50	2.53	11.855			
600.00	600.00	600.00	600.00	1.53	1.53	87.92	1.09	30.01	30.03	26.97	3.06	9.824			
700.00	700.00	700.00	700.00	1.79	1.79	87.92	1.09	30.01	30.03	26.45	3.58	8.388			
800.00	800.00	800.00	800.00	2.05	2.05	87.92	1.09	30.01	30.03	25.93	4.10	7.317			
900.00	900.00	900.00	900.00	2.31	2.31	87.92	1.09	30.01	30.03	25.40	4.63	6.490			
1,000.00	1,000.00	1,000.00	1,000.00	2.58	2.58	87.92	1.09	30.01	30.03	24.88	5.15	5.830			
1,100.00	1,100.00	1,100.00	1,100.00	2.84	2.84	87.92	1.09	30.01	30.03	24.36	5.67	5.292			
1,200.00	1,200.00	1,200.00	1,200.00	3.10	3.10	87.92	1.09	30.01	30.03	23.83	6.20	4.845			
1,300.00	1,300.00	1,300.00	1,300.00	3.36	3.36	87.92	1.09	30.01	30.03	23.31	6.72	4.468			
1,400.00	1,400.00	1,400.00	1,400.00	3.62	3.62	87.92	1.09	30.01	30.03	22.79	7.25	4.145			
1,500.00	1,500.00	1,500.00	1,500.00	3.88	3.88	87.92	1.09	30.01	30.03	22.26	7.77	3.865			
1,600.00	1,600.00	1,600.00	1,600.00	4.15	4.15	87.92	1.09	30.01	30.03	21.74	8.29	3.621			
1,700.00	1,700.00	1,700.00	1,700.00	4.41	4.41	87.92	1.09	30.01	30.03	21.21	8.82	3.406			
1,800.00	1,800.00	1,800.00	1,800.00	4.67	4.67	87.92	1.09	30.01	30.03	20.69	9.34	3.215			
1,900.00	1,900.00	1,900.00	1,900.00	4.93	4.93	87.92	1.09	30.01	30.03	20.17	9.86	3.045			

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

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec.20-T7N-R66W - Lind EE 20-022HN - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program:      O-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,000.00	2,000.00	2,000.00	2,000.00	5.19	5.19	87.92	1.09	30.01	30.03	19.64	10.39	2.891		
2,100.00	2,100.00	2,100.00	2,100.00	5.46	5.46	87.92	1.09	30.01	30.03	19.12	10.91	2.752		
2,200.00	2,200.00	2,200.00	2,200.00	5.72	5.72	87.92	1.09	30.01	30.03	18.60	11.43	2.626		
2,300.00	2,300.00	2,300.00	2,300.00	5.98	5.98	87.92	1.09	30.01	30.03	18.07	11.96	2.511		
2,400.00	2,400.00	2,400.00	2,400.00	6.24	6.24	87.92	1.09	30.01	30.03	17.55	12.48	2.406		
2,500.00	2,500.00	2,500.00	2,500.00	6.50	6.50	87.92	1.09	30.01	30.03	17.03	13.01	2.309		
2,600.00	2,600.00	2,600.00	2,600.00	6.76	6.76	87.92	1.09	30.01	30.03	16.50	13.53	2.220		
2,700.00	2,700.00	2,700.00	2,700.00	7.03	7.03	87.92	1.09	30.01	30.03	15.98	14.05	2.137		
2,800.00	2,800.00	2,800.00	2,800.00	7.29	7.29	87.92	1.09	30.01	30.03	15.45	14.58	2.060		
2,900.00	2,900.00	2,900.00	2,900.00	7.55	7.55	87.92	1.09	30.01	30.03	14.93	15.10	1.989		
3,000.00	3,000.00	3,000.00	3,000.00	7.81	7.81	87.92	1.09	30.01	30.03	14.41	15.62	1.922		
3,100.00	3,100.00	3,100.00	3,100.00	8.07	8.07	87.92	1.09	30.01	30.03	13.88	16.15	1.860		
3,200.00	3,200.00	3,200.00	3,200.00	8.34	8.34	87.92	1.09	30.01	30.03	13.36	16.67	1.801		
3,300.00	3,300.00	3,300.00	3,300.00	8.60	8.60	87.92	1.09	30.01	30.03	12.84	17.19	1.747		
3,400.00	3,400.00	3,400.00	3,400.00	8.86	8.86	87.92	1.09	30.01	30.03	12.31	17.72	1.695		
3,500.00	3,500.00	3,500.00	3,500.00	9.12	9.12	87.92	1.09	30.01	30.03	11.79	18.24	1.646		
3,600.00	3,600.00	3,600.00	3,600.00	9.38	9.38	87.92	1.09	30.01	30.03	11.27	18.76	1.600		
3,700.00	3,700.00	3,700.00	3,700.00	9.64	9.64	87.92	1.09	30.01	30.03	10.74	19.29	1.557		
3,800.00	3,800.00	3,800.00	3,800.00	9.91	9.91	87.92	1.09	30.01	30.03	10.22	19.81	1.516		
3,900.00	3,900.00	3,900.00	3,900.00	10.17	10.17	87.92	1.09	30.01	30.03	9.70	20.34	1.477	Level 3	
4,000.00	4,000.00	4,000.00	4,000.00	10.43	10.43	87.92	1.09	30.01	30.03	9.17	20.86	1.440	Level 3	
4,100.00	4,100.00	4,100.00	4,100.00	10.69	10.69	87.92	1.09	30.01	30.03	8.65	21.38	1.404	Level 3	
4,200.00	4,200.00	4,200.00	4,200.00	10.95	10.95	87.92	1.09	30.01	30.03	8.12	21.91	1.371	Level 3	
4,300.00	4,300.00	4,300.00	4,300.00	11.21	11.21	87.92	1.09	30.01	30.03	7.60	22.43	1.339	Level 3	
4,400.00	4,400.00	4,400.00	4,400.00	11.48	11.48	87.92	1.09	30.01	30.03	7.08	22.95	1.308	Level 3	
4,500.00	4,500.00	4,500.00	4,500.00	11.74	11.74	87.92	1.09	30.01	30.03	6.55	23.48	1.279	Level 3	
4,600.00	4,600.00	4,600.00	4,600.00	12.00	12.00	87.92	1.09	30.01	30.03	6.03	24.00	1.251	Level 3	
4,700.00	4,700.00	4,700.00	4,700.00	12.26	12.26	87.92	1.09	30.01	30.03	5.51	24.52	1.225	Level 2	
4,800.00	4,800.00	4,800.00	4,800.00	12.52	12.52	87.92	1.09	30.01	30.03	4.98	25.05	1.199	Level 2	
4,900.00	4,900.00	4,900.00	4,900.00	12.79	12.79	87.92	1.09	30.01	30.03	4.46	25.57	1.174	Level 2	
5,000.00	5,000.00	5,000.00	5,000.00	13.05	13.05	87.92	1.09	30.01	30.03	3.94	26.10	1.151	Level 2	
5,100.00	5,100.00	5,100.00	5,100.00	13.31	13.31	87.92	1.09	30.01	30.03	3.41	26.62	1.128	Level 2	
5,200.00	5,200.00	5,200.00	5,200.00	13.57	13.57	87.92	1.09	30.01	30.03	2.89	27.14	1.106	Level 2	
5,300.00	5,300.00	5,300.00	5,300.00	13.83	13.83	87.92	1.09	30.01	30.03	2.36	27.67	1.085	Level 2	
5,400.00	5,400.00	5,400.00	5,400.00	14.09	14.09	87.92	1.09	30.01	30.03	1.84	28.19	1.065	Level 2	
5,500.00	5,500.00	5,500.00	5,500.00	14.36	14.36	87.92	1.09	30.01	30.03	1.32	28.71	1.046	Level 2	
5,600.00	5,600.00	5,600.00	5,600.00	14.62	14.62	87.92	1.09	30.01	30.03	0.79	29.24	1.027	Level 2	
5,700.00	5,700.00	5,700.00	5,700.00	14.88	14.88	87.92	1.09	30.01	30.03	0.27	29.76	1.009	Level 2	
5,790.00	5,790.00	5,790.00	5,790.00	15.12	15.12	87.92	1.09	30.01	30.03	-0.20	30.23	0.993	Level 1, CC	
5,800.00	5,800.00	5,800.00	5,800.00	15.14	15.14	-127.61	1.09	30.01	30.05	-0.24	30.28	0.992	Level 1, ES, SF	
5,900.00	5,899.94	5,899.81	5,899.81	15.40	15.40	-131.28	0.69	30.13	32.14	1.35	30.79	1.044	Level 2	
6,000.00	5,999.58	5,999.26	5,999.14	15.67	15.66	-133.66	-3.76	31.52	38.63	7.37	31.26	1.236	Level 2	
6,100.00	6,098.64	6,098.31	6,097.70	15.93	15.92	-133.52	-13.09	34.42	49.55	17.85	31.71	1.563		
6,200.00	6,196.86	6,196.65	6,194.91	16.19	16.18	-132.11	-27.17	38.80	64.84	32.70	32.14	2.017		
6,300.00	6,293.96	6,293.99	6,290.26	16.46	16.44	-130.29	-45.79	44.58	84.49	51.91	32.58	2.593		
6,400.00	6,389.68	6,390.05	6,383.27	16.72	16.69	-128.45	-68.70	51.70	108.44	75.41	33.03	3.283		
6,500.00	6,483.76	6,484.60	6,473.53	16.99	16.95	-126.70	-95.58	60.06	136.61	103.12	33.49	4.079		
6,600.00	6,575.93	6,577.44	6,560.69	17.27	17.20	-125.08	-126.09	69.54	168.89	134.91	33.98	4.970		
6,700.00	6,665.96	6,669.75	6,645.98	17.55	17.45	-123.76	-159.79	80.02	204.96	170.47	34.48	5.944		
6,712.85	6,677.36	6,681.65	6,656.96	17.58	17.48	-123.66	-164.19	81.38	209.80	175.26	34.54	6.074		
6,732.18	6,694.47	6,699.53	6,673.44	17.64	17.53	-123.73	-170.80	83.44	217.13	182.46	34.66	6.264		
6,750.00	6,710.38	6,715.77	6,688.42	17.69	17.57	-127.52	-176.77	85.30	223.90	189.19	34.72	6.450		

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

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,775.00	6,733.10	6,737.70	6,708.92	17.76	17.63	-133.51	-184.13	87.88	233.54	198.74	34.80	6.711		
6,800.00	6,756.22	6,759.55	6,729.67	17.83	17.69	-140.54	-190.43	90.52	243.31	208.42	34.89	6.974		
6,825.00	6,779.66	6,781.35	6,750.65	17.89	17.75	-148.81	-195.68	93.22	253.21	218.21	35.00	7.235		
6,850.00	6,803.36	6,803.11	6,771.83	17.96	17.81	-158.45	-199.86	95.97	263.19	228.06	35.12	7.493		
6,875.00	6,827.23	6,825.00	6,793.30	18.03	17.87	-169.41	-203.01	98.79	273.22	237.96	35.26	7.749		
6,900.00	6,851.19	6,846.63	6,814.65	18.10	17.92	178.73	-205.06	101.63	283.29	247.88	35.41	8.000		
6,925.00	6,875.18	6,868.43	6,836.23	18.17	17.98	166.68	-206.05	104.53	293.36	257.79	35.57	8.247		
6,950.00	6,899.11	6,890.29	6,857.89	18.23	18.04	155.26	-205.97	107.46	303.39	267.65	35.74	8.489		
6,975.00	6,922.91	6,912.24	6,879.60	18.30	18.10	145.05	-204.79	110.44	313.38	277.46	35.92	8.725		
7,000.00	6,946.49	6,934.30	6,901.34	18.36	18.15	136.29	-202.51	113.44	323.27	287.18	36.10	8.955		
7,025.00	6,969.79	6,956.50	6,923.06	18.43	18.21	128.93	-199.12	116.48	333.06	296.78	36.28	9.180		
7,050.00	6,992.73	6,978.85	6,944.73	18.49	18.27	122.80	-194.58	119.54	342.71	306.25	36.47	9.398		
7,075.00	7,015.23	7,001.40	6,966.32	18.56	18.33	117.67	-188.89	122.62	352.20	315.56	36.65	9.611		
7,100.00	7,037.23	7,024.15	6,987.80	18.62	18.38	113.37	-182.03	125.72	361.50	324.68	36.82	9.818		
7,125.00	7,058.65	7,047.15	7,009.10	18.69	18.44	109.73	-173.97	128.82	370.58	333.59	36.99	10.018		
7,150.00	7,079.42	7,070.40	7,030.18	18.75	18.50	106.63	-164.68	131.94	379.41	342.26	37.15	10.212		
7,175.00	7,099.48	7,093.93	7,050.99	18.82	18.56	103.98	-154.15	135.04	387.98	350.67	37.31	10.399		
7,200.00	7,118.76	7,117.76	7,071.47	18.88	18.62	101.68	-142.36	138.14	396.25	358.80	37.45	10.580		
7,225.00	7,137.20	7,141.92	7,091.55	18.94	18.68	99.70	-129.29	141.22	404.20	366.61	37.59	10.753		
7,250.00	7,154.74	7,166.41	7,111.14	19.01	18.74	97.98	-114.92	144.27	411.80	374.08	37.72	10.917		
7,275.00	7,171.32	7,191.26	7,130.18	19.07	18.80	96.48	-99.23	147.27	419.03	381.19	37.84	11.073		
7,300.00	7,186.90	7,216.48	7,148.56	19.14	18.87	95.18	-82.23	150.23	425.86	387.90	37.96	11.219		
7,325.00	7,201.41	7,242.08	7,166.20	19.20	18.93	94.06	-63.92	153.12	432.27	394.20	38.07	11.354		
7,350.00	7,214.82	7,268.05	7,183.00	19.27	19.00	93.10	-44.31	155.93	438.24	400.04	38.20	11.472		
7,375.00	7,227.08	7,294.41	7,198.83	19.34	19.07	92.28	-23.42	158.65	443.74	405.39	38.34	11.573		
7,400.00	7,238.15	7,321.15	7,213.59	19.40	19.14	91.60	-1.28	161.26	448.74	410.26	38.48	11.660		
7,425.00	7,248.00	7,348.25	7,227.17	19.47	19.21	91.03	22.04	163.74	453.24	414.61	38.63	11.734		
7,450.00	7,256.59	7,375.72	7,239.45	19.54	19.29	90.58	46.49	166.07	457.20	418.43	38.77	11.794		
7,475.00	7,263.89	7,403.52	7,250.32	19.61	19.36	90.23	71.99	168.24	460.61	421.70	38.91	11.838		
7,500.00	7,269.89	7,431.64	7,259.66	19.68	19.44	89.99	98.42	170.23	463.45	424.40	39.05	11.867		
7,525.00	7,274.57	7,460.04	7,267.38	19.75	19.52	89.84	125.69	172.02	465.72	426.52	39.20	11.881		
7,550.00	7,277.90	7,488.68	7,273.39	19.83	19.60	89.78	153.65	173.60	467.39	428.04	39.35	11.878		
7,575.00	7,279.88	7,517.54	7,277.60	19.90	19.68	89.81	182.16	174.95	468.45	428.95	39.50	11.859		
7,598.91	7,280.50	7,545.30	7,279.90	19.97	19.76	89.93	209.80	176.02	468.90	429.25	39.65	11.825		
7,600.00	7,280.50	7,546.56	7,279.97	19.97	19.77	89.93	211.06	176.06	468.91	429.25	39.66	11.823		
7,700.00	7,280.50	7,649.66	7,280.50	20.27	20.08	90.00	314.10	178.96	468.97	428.70	40.27	11.647		
7,800.00	7,280.50	7,749.66	7,280.50	20.59	20.39	90.00	414.07	181.69	468.97	428.08	40.89	11.470		
7,900.00	7,280.50	7,849.66	7,280.50	20.91	20.71	90.00	514.03	184.43	468.96	427.43	41.53	11.292		
8,000.00	7,280.50	7,949.66	7,280.50	21.24	21.04	90.00	613.99	187.16	468.96	426.77	42.20	11.114		
8,100.00	7,280.50	8,049.66	7,280.50	21.58	21.39	90.00	713.95	189.90	468.96	426.08	42.89	10.935		
8,200.00	7,280.50	8,149.66	7,280.50	21.94	21.74	90.00	813.92	192.64	468.96	425.37	43.59	10.757		
8,300.00	7,280.50	8,249.66	7,280.50	22.30	22.11	90.00	913.88	195.37	468.96	424.64	44.32	10.581		
8,400.00	7,280.50	8,349.66	7,280.50	22.67	22.48	90.00	1,013.84	198.11	468.96	423.89	45.07	10.405		
8,500.00	7,280.50	8,449.66	7,280.50	23.06	22.86	90.00	1,113.81	200.85	468.96	423.12	45.84	10.231		
8,600.00	7,280.50	8,549.66	7,280.50	23.45	23.25	90.00	1,213.77	203.58	468.95	422.34	46.62	10.060		
8,700.00	7,280.50	8,649.66	7,280.50	23.84	23.65	90.00	1,313.73	206.32	468.95	421.54	47.42	9.890		
8,800.00	7,280.50	8,749.66	7,280.50	24.25	24.06	90.00	1,413.69	209.06	468.95	420.72	48.23	9.723		
8,900.00	7,280.50	8,849.66	7,280.50	24.66	24.47	90.00	1,513.66	211.79	468.95	419.89	49.06	9.559		
9,000.00	7,280.50	8,949.66	7,280.50	25.08	24.90	90.00	1,613.62	214.53	468.95	419.05	49.90	9.398		
9,100.00	7,280.50	9,049.66	7,280.50	25.51	25.32	90.00	1,713.58	217.27	468.95	418.19	50.75	9.240		
9,200.00	7,280.50	9,149.66	7,280.50	25.94	25.76	90.00	1,813.54	220.00	468.95	417.33	51.62	9.084		
9,300.00	7,280.50	9,249.66	7,280.50	26.38	26.20	90.00	1,913.51	222.74	468.94	416.44	52.50	8.932		

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

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-MWD												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,400.00	7,280.50	9,349.66	7,280.50	26.82	26.64	90.00	2,013.47	225.48	468.94	415.55	53.39	8.783	
9,500.00	7,280.50	9,449.66	7,280.50	27.27	27.09	90.00	2,113.43	228.21	468.94	414.65	54.29	8.638	
9,600.00	7,280.50	9,549.66	7,280.50	27.72	27.55	90.00	2,213.39	230.95	468.94	413.74	55.20	8.495	
9,700.00	7,280.50	9,649.66	7,280.50	28.18	28.01	90.00	2,313.36	233.69	468.94	412.82	56.12	8.356	
9,800.00	7,280.50	9,749.66	7,280.50	28.65	28.47	90.00	2,413.32	236.42	468.94	411.88	57.05	8.219	
9,900.00	7,280.50	9,849.66	7,280.50	29.11	28.94	90.00	2,513.28	239.16	468.94	410.94	57.99	8.086	
10,000.00	7,280.50	9,949.66	7,280.50	29.59	29.42	90.00	2,613.24	241.90	468.93	410.00	58.94	7.956	
10,100.00	7,280.50	10,049.66	7,280.50	30.06	29.90	90.00	2,713.21	244.63	468.93	409.04	59.89	7.829	
10,200.00	7,280.50	10,149.66	7,280.50	30.54	30.38	90.00	2,813.17	247.37	468.93	408.07	60.86	7.705	
10,300.00	7,280.50	10,249.66	7,280.50	31.03	30.86	90.00	2,913.13	250.11	468.93	407.10	61.83	7.585	
10,400.00	7,280.50	10,349.66	7,280.50	31.51	31.35	90.00	3,013.09	252.84	468.93	406.12	62.80	7.467	
10,500.00	7,280.50	10,449.66	7,280.50	32.00	31.84	90.00	3,113.06	255.58	468.93	405.14	63.79	7.351	
10,600.00	7,280.50	10,549.66	7,280.50	32.50	32.34	90.00	3,213.02	258.32	468.93	404.15	64.78	7.239	
10,700.00	7,280.50	10,649.66	7,280.50	32.99	32.84	90.00	3,312.98	261.05	468.92	403.15	65.77	7.130	
10,800.00	7,280.50	10,749.66	7,280.50	33.49	33.34	90.00	3,412.94	263.79	468.92	402.15	66.77	7.023	
10,900.00	7,280.50	10,849.66	7,280.50	34.00	33.84	90.00	3,512.91	266.52	468.92	401.14	67.78	6.918	
11,000.00	7,280.50	10,949.66	7,280.50	34.50	34.35	90.00	3,612.87	269.26	468.92	400.13	68.79	6.816	
11,100.00	7,280.50	11,049.66	7,280.50	35.01	34.86	90.00	3,712.83	272.00	468.92	399.11	69.81	6.717	
11,200.00	7,280.50	11,149.66	7,280.50	35.52	35.37	90.00	3,812.79	274.73	468.92	398.09	70.83	6.620	
11,300.00	7,280.50	11,249.66	7,280.50	36.03	35.88	90.00	3,912.76	277.47	468.92	397.06	71.86	6.526	
11,400.00	7,280.50	11,349.66	7,280.50	36.55	36.40	90.00	4,012.72	280.21	468.91	396.03	72.89	6.433	
11,500.00	7,280.50	11,449.66	7,280.50	37.06	36.91	90.00	4,112.68	282.94	468.91	394.99	73.92	6.343	
11,600.00	7,280.50	11,549.66	7,280.50	37.58	37.43	90.00	4,212.64	285.68	468.91	393.95	74.96	6.255	
11,700.00	7,280.50	11,649.66	7,280.50	38.10	37.96	90.00	4,312.61	288.42	468.91	392.90	76.00	6.169	
11,800.00	7,280.50	11,749.66	7,280.50	38.62	38.48	90.00	4,412.57	291.15	468.91	391.86	77.05	6.086	
11,900.00	7,280.50	11,849.66	7,280.50	39.15	39.00	90.00	4,512.53	293.89	468.91	390.80	78.10	6.004	
11,994.51	7,280.50	11,944.17	7,280.50	39.64	39.50	90.00	4,607.01	296.48	468.91	389.81	79.10	5.928	

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	88.95	1.08	59.47	59.48					
100.00	100.00	100.00	100.00	0.22	0.22	88.95	1.08	59.47	59.48	59.04	0.44	135.550		
200.00	200.00	200.00	200.00	0.48	0.48	88.95	1.08	59.47	59.48	58.51	0.96	61.801		
300.00	300.00	300.00	300.00	0.74	0.74	88.95	1.08	59.47	59.48	57.99	1.49	40.025		
400.00	400.00	400.00	400.00	1.00	1.00	88.95	1.08	59.47	59.48	57.47	2.01	29.596		
500.00	500.00	500.00	500.00	1.27	1.27	88.95	1.08	59.47	59.48	56.94	2.53	23.479		
600.00	600.00	600.00	600.00	1.53	1.53	88.95	1.08	59.47	59.48	56.42	3.06	19.457		
700.00	700.00	700.00	700.00	1.79	1.79	88.95	1.08	59.47	59.48	55.90	3.58	16.612		
800.00	800.00	800.00	800.00	2.05	2.05	88.95	1.08	59.47	59.48	55.37	4.10	14.492		
900.00	900.00	900.00	900.00	2.31	2.31	88.95	1.08	59.47	59.48	54.85	4.63	12.853		
1,000.00	1,000.00	1,000.00	1,000.00	2.58	2.58	88.95	1.08	59.47	59.48	54.32	5.15	11.546		
1,100.00	1,100.00	1,100.00	1,100.00	2.84	2.84	88.95	1.08	59.47	59.48	53.80	5.67	10.481		
1,200.00	1,200.00	1,200.00	1,200.00	3.10	3.10	88.95	1.08	59.47	59.48	53.28	6.20	9.595		
1,300.00	1,300.00	1,300.00	1,300.00	3.36	3.36	88.95	1.08	59.47	59.48	52.75	6.72	8.848		
1,400.00	1,400.00	1,400.00	1,400.00	3.62	3.62	88.95	1.08	59.47	59.48	52.23	7.25	8.209		
1,500.00	1,500.00	1,500.00	1,500.00	3.88	3.88	88.95	1.08	59.47	59.48	51.71	7.77	7.655		
1,600.00	1,600.00	1,600.00	1,600.00	4.15	4.15	88.95	1.08	59.47	59.48	51.18	8.29	7.172		
1,700.00	1,700.00	1,700.00	1,700.00	4.41	4.41	88.95	1.08	59.47	59.48	50.66	8.82	6.746		
1,800.00	1,800.00	1,800.00	1,800.00	4.67	4.67	88.95	1.08	59.47	59.48	50.14	9.34	6.368		
1,900.00	1,900.00	1,900.00	1,900.00	4.93	4.93	88.95	1.08	59.47	59.48	49.61	9.86	6.030		
2,000.00	2,000.00	2,000.00	2,000.00	5.19	5.19	88.95	1.08	59.47	59.48	49.09	10.39	5.726		
2,100.00	2,100.00	2,100.00	2,100.00	5.46	5.46	88.95	1.08	59.47	59.48	48.57	10.91	5.451		
2,200.00	2,200.00	2,200.00	2,200.00	5.72	5.72	88.95	1.08	59.47	59.48	48.04	11.43	5.202		
2,300.00	2,300.00	2,300.00	2,300.00	5.98	5.98	88.95	1.08	59.47	59.48	47.52	11.96	4.974		
2,400.00	2,400.00	2,400.00	2,400.00	6.24	6.24	88.95	1.08	59.47	59.48	46.99	12.48	4.765		
2,500.00	2,500.00	2,500.00	2,500.00	6.50	6.50	88.95	1.08	59.47	59.48	46.47	13.01	4.573		
2,600.00	2,600.00	2,600.00	2,600.00	6.76	6.76	88.95	1.08	59.47	59.48	45.95	13.53	4.396		
2,700.00	2,700.00	2,700.00	2,700.00	7.03	7.03	88.95	1.08	59.47	59.48	45.42	14.05	4.232		
2,800.00	2,800.00	2,800.00	2,800.00	7.29	7.29	88.95	1.08	59.47	59.48	44.90	14.58	4.080		
2,900.00	2,900.00	2,900.00	2,900.00	7.55	7.55	88.95	1.08	59.47	59.48	44.38	15.10	3.939		
3,000.00	3,000.00	3,000.00	3,000.00	7.81	7.81	88.95	1.08	59.47	59.48	43.85	15.62	3.807		
3,100.00	3,100.00	3,100.00	3,100.00	8.07	8.07	88.95	1.08	59.47	59.48	43.33	16.15	3.683		
3,200.00	3,200.00	3,200.00	3,200.00	8.34	8.34	88.95	1.08	59.47	59.48	42.81	16.67	3.568		
3,300.00	3,300.00	3,300.00	3,300.00	8.60	8.60	88.95	1.08	59.47	59.48	42.28	17.19	3.459		
3,400.00	3,400.00	3,400.00	3,400.00	8.86	8.86	88.95	1.08	59.47	59.48	41.76	17.72	3.357		
3,500.00	3,500.00	3,500.00	3,500.00	9.12	9.12	88.95	1.08	59.47	59.48	41.23	18.24	3.261		
3,600.00	3,600.00	3,600.00	3,600.00	9.38	9.38	88.95	1.08	59.47	59.48	40.71	18.76	3.170		
3,700.00	3,700.00	3,700.00	3,700.00	9.64	9.64	88.95	1.08	59.47	59.48	40.19	19.29	3.084		
3,800.00	3,800.00	3,800.00	3,800.00	9.91	9.91	88.95	1.08	59.47	59.48	39.66	19.81	3.002		
3,900.00	3,900.00	3,900.00	3,900.00	10.17	10.17	88.95	1.08	59.47	59.48	39.14	20.34	2.925		
4,000.00	4,000.00	4,000.00	4,000.00	10.43	10.43	88.95	1.08	59.47	59.48	38.62	20.86	2.851		
4,100.00	4,100.00	4,100.00	4,100.00	10.69	10.69	88.95	1.08	59.47	59.48	38.09	21.38	2.782		
4,200.00	4,200.00	4,200.00	4,200.00	10.95	10.95	88.95	1.08	59.47	59.48	37.57	21.91	2.715		
4,300.00	4,300.00	4,300.00	4,300.00	11.21	11.21	88.95	1.08	59.47	59.48	37.05	22.43	2.652		
4,400.00	4,400.00	4,400.00	4,400.00	11.48	11.48	88.95	1.08	59.47	59.48	36.52	22.95	2.591		
4,500.00	4,500.00	4,500.00	4,500.00	11.74	11.74	88.95	1.08	59.47	59.48	36.00	23.48	2.533		
4,600.00	4,600.00	4,600.00	4,600.00	12.00	12.00	88.95	1.08	59.47	59.48	35.48	24.00	2.478		
4,700.00	4,700.00	4,700.00	4,700.00	12.26	12.26	88.95	1.08	59.47	59.48	34.95	24.52	2.425		
4,800.00	4,800.00	4,800.00	4,800.00	12.52	12.52	88.95	1.08	59.47	59.48	34.43	25.05	2.374		
4,900.00	4,900.00	4,900.00	4,900.00	12.79	12.79	88.95	1.08	59.47	59.48	33.90	25.57	2.326		
5,000.00	5,000.00	5,000.00	5,000.00	13.05	13.05	88.95	1.08	59.47	59.48	33.38	26.10	2.279		
5,100.00	5,100.00	5,100.00	5,100.00	13.31	13.31	88.95	1.08	59.47	59.48	32.86	26.62	2.234		

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

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Sec.20-T7N-R66W - Lind EE 20-024HC - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-MWD												Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,200.00	5,200.00	5,200.00	5,200.00	13.57	13.57	88.95	1.08	59.47	59.48	32.33	27.14	2.191			
5,300.00	5,300.00	5,300.00	5,300.00	13.83	13.83	88.95	1.08	59.47	59.48	31.81	27.67	2.150			
5,400.00	5,400.00	5,400.00	5,400.00	14.09	14.09	88.95	1.08	59.47	59.48	31.29	28.19	2.110			
5,500.00	5,500.00	5,500.00	5,500.00	14.36	14.36	88.95	1.08	59.47	59.48	30.76	28.71	2.071			
5,600.00	5,600.00	5,600.00	5,600.00	14.62	14.62	88.95	1.08	59.47	59.48	30.24	29.24	2.034			
5,700.00	5,700.00	5,700.00	5,700.00	14.88	14.88	88.95	1.08	59.47	59.48	29.72	29.76	1.999			
5,790.00	5,790.00	5,790.00	5,790.00	15.12	15.12	88.95	1.08	59.47	59.48	29.24	30.23	1.967	CC		
5,800.00	5,800.00	5,800.00	5,800.00	15.14	15.14	-126.56	1.08	59.47	59.49	29.21	30.28	1.964	ES, SF		
5,900.00	5,899.94	5,899.94	5,899.94	15.40	15.40	-128.87	1.08	59.47	61.41	30.62	30.79	1.995			
6,000.00	5,999.58	5,998.68	5,998.68	15.67	15.66	-134.01	0.83	59.77	67.25	36.00	31.26	2.152			
6,100.00	6,098.64	6,095.35	6,095.24	15.93	15.92	-138.21	-1.98	63.15	79.96	48.29	31.67	2.525			
6,200.00	6,196.86	6,190.66	6,190.10	16.19	16.17	-140.57	-7.82	70.16	99.82	67.80	32.03	3.117			
6,300.00	6,293.96	6,283.97	6,282.42	16.46	16.41	-141.50	-16.45	80.53	126.45	94.09	32.35	3.908			
6,400.00	6,389.68	6,374.70	6,371.45	16.72	16.65	-141.53	-27.61	93.93	159.51	126.85	32.65	4.885			
6,500.00	6,483.76	6,462.35	6,456.57	16.99	16.88	-141.04	-40.94	109.95	198.71	165.77	32.94	6.033			
6,600.00	6,575.93	6,546.51	6,537.33	17.27	17.11	-140.24	-56.08	128.14	243.75	210.53	33.21	7.339			
6,700.00	6,665.96	6,626.86	6,613.39	17.55	17.32	-139.24	-72.65	148.04	294.31	260.81	33.49	8.787			
6,712.85	6,677.36	6,636.90	6,622.81	17.58	17.35	-139.10	-74.86	150.70	301.19	267.66	33.53	8.983			
6,732.18	6,694.47	6,651.90	6,636.86	17.64	17.39	-139.11	-78.23	154.74	311.63	277.98	33.64	9.263			
6,750.00	6,710.38	6,665.70	6,649.75	17.69	17.43	-143.36	-81.39	158.53	321.25	287.49	33.76	9.515			
6,775.00	6,733.10	6,685.01	6,667.72	17.76	17.48	-149.79	-85.91	163.96	334.62	300.65	33.97	9.850			
6,800.00	6,756.22	6,700.00	6,681.62	17.83	17.52	-157.15	-89.49	168.27	347.83	313.63	34.20	10.171			
6,825.00	6,779.66	6,723.10	6,702.96	17.89	17.58	-165.24	-95.16	175.08	360.81	326.32	34.49	10.460			
6,850.00	6,803.36	6,741.71	6,720.06	17.96	17.64	-174.67	-99.85	180.71	373.64	338.86	34.78	10.743			
6,875.00	6,827.23	6,759.91	6,736.73	18.03	17.69	174.72	-104.53	186.34	386.33	351.26	35.07	11.017			
6,900.00	6,851.19	6,777.64	6,752.89	18.10	17.73	163.30	-109.19	191.94	398.88	363.53	35.35	11.284			
6,925.00	6,875.18	6,800.00	6,773.18	18.17	17.80	152.15	-115.21	199.16	411.38	375.74	35.64	11.544			
6,950.00	6,899.11	6,811.38	6,783.46	18.23	17.83	140.88	-118.33	202.91	423.74	387.85	35.89	11.807			
6,975.00	6,922.91	6,827.28	6,797.77	18.30	17.87	131.21	-122.75	208.22	436.10	399.97	36.14	12.068			
7,000.00	6,946.49	6,842.44	6,811.38	18.36	17.92	122.96	-127.04	213.38	448.48	412.10	36.37	12.331			
7,025.00	6,969.79	6,856.85	6,824.25	18.43	17.96	116.06	-131.18	218.35	460.88	424.30	36.59	12.597			
7,050.00	6,992.73	6,870.44	6,836.35	18.49	17.99	110.31	-135.14	223.11	473.36	436.58	36.78	12.869			
7,075.00	7,015.23	6,883.19	6,847.66	18.56	18.03	105.47	-138.91	227.64	485.93	448.97	36.96	13.146			
7,100.00	7,037.23	6,900.00	6,862.51	18.62	18.08	101.86	-143.95	233.69	498.64	461.51	37.13	13.429			
7,125.00	7,058.65	6,906.08	6,867.86	18.69	18.10	97.77	-145.80	235.91	511.43	474.17	37.26	13.725			
7,150.00	7,079.42	6,916.17	6,876.73	18.75	18.12	94.58	-148.88	239.61	524.39	487.00	37.38	14.028			
7,175.00	7,099.48	6,925.35	6,884.77	18.82	18.15	91.69	-151.71	243.01	537.49	500.02	37.47	14.343			
7,200.00	7,118.76	6,933.61	6,891.98	18.88	18.17	89.02	-154.28	246.10	550.74	513.21	37.54	14.672			
7,225.00	7,137.20	6,940.94	6,898.38	18.94	18.19	86.51	-156.58	248.86	564.14	526.57	37.57	15.017			
7,250.00	7,154.74	6,947.35	6,903.95	19.01	18.21	84.10	-158.60	251.28	577.66	540.11	37.56	15.381			
7,275.00	7,171.32	6,954.62	6,910.27	19.07	18.23	81.97	-160.91	254.06	591.31	553.78	37.52	15.758			
7,300.00	7,186.90	6,958.22	6,913.39	19.14	18.24	79.59	-162.05	255.43	605.04	567.62	37.42	16.170			
7,325.00	7,201.41	6,963.02	6,917.56	19.20	18.26	77.49	-163.58	257.27	618.84	581.55	37.29	16.597			
7,350.00	7,214.82	6,966.74	6,920.78	19.27	18.27	75.39	-164.76	258.69	632.68	595.58	37.10	17.052			
7,375.00	7,227.08	6,969.36	6,923.05	19.34	18.28	73.29	-165.60	259.69	646.53	609.67	36.86	17.538			
7,400.00	7,238.15	6,970.87	6,924.36	19.40	18.28	71.20	-166.08	260.27	660.36	623.79	36.57	18.058			
7,425.00	7,248.00	6,971.27	6,924.71	19.47	18.28	69.12	-166.20	260.42	674.14	637.92	36.22	18.612			
7,450.00	7,256.59	6,970.56	6,924.09	19.54	18.28	67.05	-165.98	260.15	687.83	652.02	35.82	19.203			
7,475.00	7,263.89	6,968.73	6,922.51	19.61	18.27	64.99	-165.40	259.45	701.39	666.02	35.37	19.828			
7,500.00	7,269.89	6,965.80	6,919.96	19.68	18.27	62.97	-164.46	258.33	714.78	679.89	34.89	20.485			
7,525.00	7,274.57	6,961.77	6,916.47	19.75	18.25	60.99	-163.18	256.79	727.94	693.55	34.39	21.168			
7,550.00	7,277.90	6,956.66	6,912.04	19.83	18.24	59.07	-161.55	254.84	740.84	706.96	33.87	21.870			

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



<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,575.00	7,279.88	6,954.62	6,910.27	19.90	18.23	57.56	-160.91	254.06	753.43	719.95	33.48	22.503		
7,598.91	7,280.50	6,946.75	6,903.43	19.97	18.21	55.76	-158.41	251.05	765.13	732.14	32.99	23.191		
7,600.00	7,280.50	6,946.51	6,903.22	19.97	18.21	55.74	-158.33	250.96	765.66	732.67	32.99	23.209		
7,700.00	7,280.50	6,925.12	6,884.57	20.27	18.15	54.04	-151.64	242.93	818.31	785.55	32.76	24.979		
7,800.00	7,280.50	7,992.98	7,472.50	20.59	21.20	103.31	403.52	524.13	833.96	793.31	40.65	20.514		
7,900.00	7,280.50	8,092.98	7,472.50	20.91	21.53	103.31	503.48	527.01	834.10	792.79	41.31	20.192		
8,000.00	7,280.50	8,192.98	7,472.50	21.24	21.86	103.31	603.44	529.89	834.24	792.26	41.98	19.870		
8,100.00	7,280.50	8,292.98	7,472.50	21.58	22.20	103.30	703.39	532.77	834.38	791.70	42.68	19.549		
8,200.00	7,280.50	8,392.98	7,472.50	21.94	22.55	103.30	803.35	535.65	834.52	791.12	43.40	19.229		
8,300.00	7,280.50	8,492.98	7,472.50	22.30	22.91	103.30	903.31	538.53	834.66	790.52	44.14	18.911		
8,400.00	7,280.50	8,592.98	7,472.50	22.67	23.28	103.30	1,003.27	541.41	834.80	789.91	44.89	18.596		
8,500.00	7,280.50	8,692.98	7,472.50	23.06	23.66	103.29	1,103.23	544.29	834.94	789.28	45.66	18.285		
8,600.00	7,280.50	8,792.98	7,472.50	23.45	24.04	103.29	1,203.19	547.17	835.08	788.63	46.45	17.978		
8,700.00	7,280.50	8,892.98	7,472.50	23.84	24.44	103.29	1,303.14	550.06	835.22	787.96	47.25	17.675		
8,800.00	7,280.50	8,992.98	7,472.50	24.25	24.84	103.29	1,403.10	552.94	835.36	787.28	48.07	17.377		
8,900.00	7,280.50	9,092.98	7,472.50	24.66	25.25	103.29	1,503.06	555.82	835.50	786.59	48.91	17.084		
9,000.00	7,280.50	9,192.98	7,472.50	25.08	25.66	103.28	1,603.02	558.70	835.64	785.88	49.75	16.796		
9,100.00	7,280.50	9,292.98	7,472.50	25.51	26.08	103.28	1,702.98	561.58	835.78	785.16	50.61	16.514		
9,200.00	7,280.50	9,392.98	7,472.50	25.94	26.51	103.28	1,802.94	564.46	835.91	784.43	51.48	16.237		
9,300.00	7,280.50	9,492.98	7,472.50	26.38	26.95	103.28	1,902.89	567.34	836.05	783.69	52.36	15.966		
9,400.00	7,280.50	9,592.98	7,472.50	26.82	27.39	103.27	2,002.85	570.22	836.19	782.94	53.26	15.701		
9,500.00	7,280.50	9,692.98	7,472.50	27.27	27.83	103.27	2,102.81	573.10	836.33	782.17	54.16	15.442		
9,600.00	7,280.50	9,792.98	7,472.50	27.72	28.28	103.27	2,202.77	575.99	836.47	781.40	55.07	15.189		
9,700.00	7,280.50	9,892.98	7,472.50	28.18	28.74	103.27	2,302.73	578.87	836.61	780.62	55.99	14.941		
9,800.00	7,280.50	9,992.98	7,472.50	28.65	29.20	103.27	2,402.69	581.75	836.75	779.83	56.93	14.699		
9,900.00	7,280.50	10,092.98	7,472.50	29.11	29.66	103.26	2,502.64	584.63	836.89	779.03	57.87	14.463		
10,000.00	7,280.50	10,192.98	7,472.50	29.59	30.13	103.26	2,602.60	587.51	837.03	778.22	58.81	14.232		
10,100.00	7,280.50	10,292.98	7,472.50	30.06	30.60	103.26	2,702.56	590.39	837.17	777.40	59.77	14.007		
10,200.00	7,280.50	10,392.98	7,472.50	30.54	31.08	103.26	2,802.52	593.27	837.31	776.58	60.73	13.787		
10,300.00	7,280.50	10,492.98	7,472.50	31.03	31.56	103.25	2,902.48	596.15	837.45	775.75	61.70	13.573		
10,400.00	7,280.50	10,592.98	7,472.50	31.51	32.04	103.25	3,002.44	599.04	837.59	774.91	62.68	13.364		
10,500.00	7,280.50	10,692.98	7,472.50	32.00	32.53	103.25	3,102.39	601.92	837.73	774.07	63.66	13.160		
10,600.00	7,280.50	10,792.98	7,472.50	32.50	33.02	103.25	3,202.35	604.80	837.87	773.22	64.65	12.961		
10,700.00	7,280.50	10,892.98	7,472.50	32.99	33.51	103.25	3,302.31	607.68	838.01	772.36	65.64	12.766		
10,800.00	7,280.50	10,992.98	7,472.50	33.49	34.01	103.24	3,402.27	610.56	838.14	771.50	66.64	12.577		
10,900.00	7,280.50	11,092.98	7,472.50	34.00	34.51	103.24	3,502.23	613.44	838.28	770.64	67.65	12.392		
11,000.00	7,280.50	11,192.98	7,472.50	34.50	35.01	103.24	3,602.19	616.32	838.42	769.77	68.66	12.212		
11,100.00	7,280.50	11,292.98	7,472.50	35.01	35.51	103.24	3,702.15	619.20	838.56	768.89	69.67	12.036		
11,200.00	7,280.50	11,392.98	7,472.50	35.52	36.02	103.23	3,802.10	622.08	838.70	768.01	70.69	11.864		
11,300.00	7,280.50	11,492.98	7,472.50	36.03	36.53	103.23	3,902.06	624.97	838.84	767.13	71.72	11.697		
11,400.00	7,280.50	11,592.98	7,472.50	36.55	37.04	103.23	4,002.02	627.85	838.98	766.24	72.74	11.533		
11,500.00	7,280.50	11,692.98	7,472.50	37.06	37.55	103.23	4,101.98	630.73	839.12	765.35	73.78	11.374		
11,600.00	7,280.50	11,792.98	7,472.50	37.58	38.07	103.22	4,201.94	633.61	839.26	764.45	74.81	11.218		
11,700.00	7,280.50	11,892.98	7,472.50	38.10	38.59	103.22	4,301.90	636.49	839.40	763.55	75.85	11.066		
11,800.00	7,280.50	11,992.98	7,472.50	38.62	39.11	103.22	4,401.85	639.37	839.54	762.64	76.89	10.918		
11,900.00	7,280.50	12,092.98	7,472.50	39.15	39.63	103.22	4,501.81	642.25	839.68	761.74	77.94	10.773		
11,994.51	7,280.50	12,187.49	7,472.50	39.64	40.12	103.22	4,596.28	644.98	839.81	760.88	78.93	10.639		

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec.20-T7N-R66W - Lind EE 20-025HN - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program:      0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	88.60	2.18	89.48	89.50					
100.00	100.00	100.00	100.00	0.22	0.22	88.60	2.18	89.48	89.50	89.07	0.44	203.985		
200.00	200.00	200.00	200.00	0.48	0.48	88.60	2.18	89.48	89.50	88.54	0.96	93.003		
300.00	300.00	300.00	300.00	0.74	0.74	88.60	2.18	89.48	89.50	88.02	1.49	60.232		
400.00	400.00	400.00	400.00	1.00	1.00	88.60	2.18	89.48	89.50	87.49	2.01	44.539		
500.00	500.00	500.00	500.00	1.27	1.27	88.60	2.18	89.48	89.50	86.97	2.53	35.333		
600.00	600.00	600.00	600.00	1.53	1.53	88.60	2.18	89.48	89.50	86.45	3.06	29.281		
700.00	700.00	700.00	700.00	1.79	1.79	88.60	2.18	89.48	89.50	85.92	3.58	24.998		
800.00	800.00	800.00	800.00	2.05	2.05	88.60	2.18	89.48	89.50	85.40	4.10	21.809		
900.00	900.00	900.00	900.00	2.31	2.31	88.60	2.18	89.48	89.50	84.88	4.63	19.341		
1,000.00	1,000.00	1,000.00	1,000.00	2.58	2.58	88.60	2.18	89.48	89.50	84.35	5.15	17.375		
1,100.00	1,100.00	1,100.00	1,100.00	2.84	2.84	88.60	2.18	89.48	89.50	83.83	5.67	15.772		
1,200.00	1,200.00	1,200.00	1,200.00	3.10	3.10	88.60	2.18	89.48	89.50	83.31	6.20	14.440		
1,300.00	1,300.00	1,300.00	1,300.00	3.36	3.36	88.60	2.18	89.48	89.50	82.78	6.72	13.315		
1,400.00	1,400.00	1,400.00	1,400.00	3.62	3.62	88.60	2.18	89.48	89.50	82.26	7.25	12.353		
1,500.00	1,500.00	1,500.00	1,500.00	3.88	3.88	88.60	2.18	89.48	89.50	81.73	7.77	11.520		
1,600.00	1,600.00	1,600.00	1,600.00	4.15	4.15	88.60	2.18	89.48	89.50	81.21	8.29	10.793		
1,700.00	1,700.00	1,700.00	1,700.00	4.41	4.41	88.60	2.18	89.48	89.50	80.69	8.82	10.152		
1,800.00	1,800.00	1,800.00	1,800.00	4.67	4.67	88.60	2.18	89.48	89.50	80.16	9.34	9.583		
1,900.00	1,900.00	1,900.00	1,900.00	4.93	4.93	88.60	2.18	89.48	89.50	79.64	9.86	9.074		
2,000.00	2,000.00	2,000.00	2,000.00	5.19	5.19	88.60	2.18	89.48	89.50	79.12	10.39	8.617		
2,100.00	2,100.00	2,100.00	2,100.00	5.46	5.46	88.60	2.18	89.48	89.50	78.59	10.91	8.203		
2,200.00	2,200.00	2,200.00	2,200.00	5.72	5.72	88.60	2.18	89.48	89.50	78.07	11.43	7.828		
2,300.00	2,300.00	2,300.00	2,300.00	5.98	5.98	88.60	2.18	89.48	89.50	77.55	11.96	7.485		
2,400.00	2,400.00	2,400.00	2,400.00	6.24	6.24	88.60	2.18	89.48	89.50	77.02	12.48	7.171		
2,500.00	2,500.00	2,500.00	2,500.00	6.50	6.50	88.60	2.18	89.48	89.50	76.50	13.01	6.882		
2,600.00	2,600.00	2,600.00	2,600.00	6.76	6.76	88.60	2.18	89.48	89.50	75.98	13.53	6.616		
2,700.00	2,700.00	2,700.00	2,700.00	7.03	7.03	88.60	2.18	89.48	89.50	75.45	14.05	6.369		
2,800.00	2,800.00	2,800.00	2,800.00	7.29	7.29	88.60	2.18	89.48	89.50	74.93	14.58	6.141		
2,900.00	2,900.00	2,900.00	2,900.00	7.55	7.55	88.60	2.18	89.48	89.50	74.40	15.10	5.928		
3,000.00	3,000.00	3,000.00	3,000.00	7.81	7.81	88.60	2.18	89.48	89.50	73.88	15.62	5.729		
3,100.00	3,100.00	3,100.00	3,100.00	8.07	8.07	88.60	2.18	89.48	89.50	73.36	16.15	5.543		
3,200.00	3,200.00	3,200.00	3,200.00	8.34	8.34	88.60	2.18	89.48	89.50	72.83	16.67	5.369		
3,300.00	3,300.00	3,300.00	3,300.00	8.60	8.60	88.60	2.18	89.48	89.50	72.31	17.19	5.206		
3,400.00	3,400.00	3,400.00	3,400.00	8.86	8.86	88.60	2.18	89.48	89.50	71.79	17.72	5.052		
3,500.00	3,500.00	3,500.00	3,500.00	9.12	9.12	88.60	2.18	89.48	89.50	71.26	18.24	4.907		
3,600.00	3,600.00	3,600.00	3,600.00	9.38	9.38	88.60	2.18	89.48	89.50	70.74	18.76	4.770		
3,700.00	3,700.00	3,700.00	3,700.00	9.64	9.64	88.60	2.18	89.48	89.50	70.22	19.29	4.640		
3,800.00	3,800.00	3,800.00	3,800.00	9.91	9.91	88.60	2.18	89.48	89.50	69.69	19.81	4.518		
3,900.00	3,900.00	3,900.00	3,900.00	10.17	10.17	88.60	2.18	89.48	89.50	69.17	20.34	4.401		
4,000.00	4,000.00	4,000.00	4,000.00	10.43	10.43	88.60	2.18	89.48	89.50	68.64	20.86	4.291		
4,100.00	4,100.00	4,100.00	4,100.00	10.69	10.69	88.60	2.18	89.48	89.50	68.12	21.38	4.186		
4,200.00	4,200.00	4,200.00	4,200.00	10.95	10.95	88.60	2.18	89.48	89.50	67.60	21.91	4.086		
4,300.00	4,300.00	4,300.00	4,300.00	11.21	11.21	88.60	2.18	89.48	89.50	67.07	22.43	3.990		
4,400.00	4,400.00	4,400.00	4,400.00	11.48	11.48	88.60	2.18	89.48	89.50	66.55	22.95	3.899		
4,500.00	4,500.00	4,500.00	4,500.00	11.74	11.74	88.60	2.18	89.48	89.50	66.03	23.48	3.812		
4,600.00	4,600.00	4,600.00	4,600.00	12.00	12.00	88.60	2.18	89.48	89.50	65.50	24.00	3.729		
4,700.00	4,700.00	4,700.00	4,700.00	12.26	12.26	88.60	2.18	89.48	89.50	64.98	24.52	3.650		
4,800.00	4,800.00	4,800.00	4,800.00	12.52	12.52	88.60	2.18	89.48	89.50	64.46	25.05	3.573		
4,900.00	4,900.00	4,900.00	4,900.00	12.79	12.79	88.60	2.18	89.48	89.50	63.93	25.57	3.500		
5,000.00	5,000.00	5,000.00	5,000.00	13.05	13.05	88.60	2.18	89.48	89.50	63.41	26.10	3.430		
5,100.00	5,100.00	5,100.00	5,100.00	13.31	13.31	88.60	2.18	89.48	89.50	62.89	26.62	3.362		

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



<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec.20-T7N-R66W - Lind EE 20-025HN - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program: 0-MWD													Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis		Distance											
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)						
5,200.00	5,200.00	5,200.00	5,200.00	13.57	13.57	88.60	2.18	89.48	89.50	62.36	27.14	3.298					
5,300.00	5,300.00	5,300.00	5,300.00	13.83	13.83	88.60	2.18	89.48	89.50	61.84	27.67	3.235					
5,344.45	5,344.45	5,344.45	5,344.45	13.95	13.95	88.60	2.18	89.48	89.50	61.61	27.90	3.208	CC, ES				
5,400.00	5,400.00	5,398.32	5,398.32	14.09	14.09	88.69	2.05	89.84	89.88	61.69	28.19	3.189	SF				
5,500.00	5,500.00	5,493.91	5,493.80	14.36	14.34	89.63	0.61	93.90	94.10	65.41	28.70	3.279					
5,600.00	5,600.00	5,588.84	5,588.29	14.62	14.59	91.35	-2.42	102.37	103.07	73.86	29.21	3.529					
5,700.00	5,700.00	5,682.65	5,681.11	14.88	14.84	93.46	-6.95	115.09	116.83	87.12	29.72	3.932					
5,790.00	5,790.00	5,765.76	5,762.72	15.12	15.06	95.38	-12.25	129.92	133.32	103.15	30.17	4.419					
5,800.00	5,800.00	5,774.91	5,771.65	15.14	15.08	-119.86	-12.90	131.76	135.40	105.16	30.24	4.478					
5,900.00	5,899.94	5,864.98	5,859.12	15.40	15.32	-118.18	-20.12	151.99	160.12	129.38	30.73	5.210					
6,000.00	5,999.58	5,952.08	5,942.64	15.67	15.55	-117.64	-28.41	175.23	191.57	160.36	31.21	6.137					
6,100.00	6,098.64	6,035.59	6,021.59	15.93	15.78	-117.69	-37.55	200.85	229.43	197.76	31.68	7.243					
6,200.00	6,196.86	6,115.04	6,095.52	16.19	16.00	-117.93	-47.32	228.22	273.42	241.30	32.12	8.513					
6,300.00	6,293.96	6,190.05	6,164.17	16.46	16.20	-118.15	-57.48	256.71	323.23	290.68	32.55	9.932					
6,400.00	6,389.68	6,260.41	6,227.42	16.72	16.40	-118.20	-67.82	285.71	378.51	345.55	32.96	11.485					
6,500.00	6,483.76	6,325.97	6,285.31	16.99	16.59	-118.01	-78.16	314.70	438.88	405.53	33.36	13.157					
6,600.00	6,575.93	6,391.70	6,342.34	17.27	16.79	-117.69	-89.15	345.48	503.81	470.05	33.77	14.921					
6,700.00	6,665.96	6,463.54	6,404.43	17.55	17.00	-117.52	-101.28	379.50	571.48	537.29	34.19	16.713					
6,712.85	6,677.36	6,472.58	6,412.25	17.58	17.03	-117.49	-102.81	383.78	580.34	546.10	34.25	16.945					
6,732.18	6,694.47	6,486.13	6,423.97	17.64	17.07	-117.93	-105.10	390.20	593.70	559.36	34.34	17.287					
6,750.00	6,710.38	6,498.68	6,434.81	17.69	17.11	-123.36	-107.22	396.14	606.08	571.76	34.32	17.661					
6,775.00	6,733.10	6,516.39	6,450.12	17.76	17.16	-131.61	-110.21	404.53	623.55	589.24	34.31	18.172					
6,800.00	6,756.22	6,534.18	6,465.50	17.83	17.21	-140.78	-113.22	412.95	641.09	606.73	34.36	18.658					
6,825.00	6,779.66	6,551.99	6,480.89	17.89	17.27	-151.05	-116.23	421.38	658.62	624.16	34.47	19.109					
6,850.00	6,803.36	6,569.76	6,496.25	17.96	17.32	-162.53	-119.23	429.80	676.10	641.47	34.63	19.522					
6,875.00	6,827.23	6,587.44	6,511.54	18.03	17.37	-175.16	-122.22	438.17	693.49	658.63	34.85	19.897					
6,900.00	6,851.19	6,604.97	6,526.69	18.10	17.43	171.46	-125.18	446.47	710.73	675.61	35.12	20.238					
6,925.00	6,875.18	6,622.30	6,541.67	18.17	17.48	158.06	-128.10	454.68	727.81	692.39	35.42	20.551					
6,950.00	6,899.11	6,639.36	6,556.42	18.23	17.53	145.41	-130.99	462.76	744.69	708.97	35.73	20.843					
6,975.00	6,922.91	6,656.11	6,570.89	18.30	17.59	134.11	-133.82	470.69	761.37	725.32	36.05	21.121					
7,000.00	6,946.49	6,672.48	6,585.04	18.36	17.64	124.37	-136.58	478.44	777.81	741.45	36.36	21.391					
7,025.00	6,969.79	6,688.43	6,598.83	18.43	17.69	116.11	-139.28	486.00	794.01	757.35	36.66	21.660					
7,050.00	6,992.73	6,703.91	6,612.21	18.49	17.73	109.16	-141.89	493.33	809.96	773.03	36.93	21.933					
7,075.00	7,015.23	6,718.86	6,625.14	18.56	17.78	103.28	-144.42	500.41	825.66	788.49	37.17	22.213					
7,100.00	7,037.23	6,733.24	6,637.57	18.62	17.83	98.27	-146.85	507.22	841.08	803.71	37.37	22.504					
7,125.00	7,058.65	6,747.00	6,649.46	18.69	17.87	93.96	-149.17	513.73	856.25	818.71	37.54	22.810					
7,150.00	7,079.42	6,760.10	6,660.78	18.75	17.91	90.20	-151.38	519.94	871.14	833.47	37.66	23.131					
7,175.00	7,099.48	6,772.49	6,671.50	18.82	17.95	86.89	-153.48	525.80	885.75	848.01	37.74	23.472					
7,200.00	7,118.76	6,784.14	6,681.56	18.88	17.99	83.94	-155.45	531.32	900.09	862.32	37.77	23.832					
7,225.00	7,137.20	6,795.00	6,690.95	18.94	18.02	81.29	-157.28	536.47	914.15	876.40	37.75	24.213					
7,250.00	7,154.74	6,805.05	6,699.64	19.01	18.05	78.89	-158.98	541.22	927.93	890.24	37.70	24.616					
7,275.00	7,171.32	6,814.25	6,707.59	19.07	18.08	76.69	-160.53	545.58	941.42	903.83	37.59	25.043					
7,300.00	7,186.90	6,822.57	6,714.78	19.14	18.11	74.65	-161.94	549.52	954.62	917.18	37.45	25.493					
7,325.00	7,201.41	6,829.98	6,721.19	19.20	18.13	72.76	-163.19	553.03	967.52	930.26	37.26	25.967					
7,350.00	7,214.82	6,836.46	6,726.79	19.27	18.15	70.99	-164.28	556.10	980.12	943.08	37.04	26.463					
7,375.00	7,227.08	6,841.99	6,731.57	19.34	18.17	69.33	-165.22	558.72	992.39	955.61	36.78	26.982					
7,400.00	7,238.15	6,846.55	6,735.52	19.40	18.18	67.76	-165.99	560.88	1,004.34	967.85	36.49	27.520					
7,425.00	7,248.00	6,850.13	6,738.61	19.47	18.20	66.27	-166.59	562.57	1,015.95	979.76	36.18	28.077					
7,450.00	7,256.59	6,852.72	6,740.84	19.54	18.20	64.85	-167.03	563.80	1,027.20	991.34	35.86	28.647					
7,475.00	7,263.89	6,854.30	6,742.21	19.61	18.21	63.51	-167.30	564.55	1,038.08	1,002.56	35.52	29.226					
7,500.00	7,269.89	6,854.87	6,742.70	19.68	18.21	62.23	-167.40	564.82	1,048.57	1,013.39	35.18	29.808					
7,525.00	7,274.57	6,854.43	6,742.33	19.75	18.21	61.01	-167.32	564.61	1,058.65	1,023.81	34.84	30.386					

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

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design      Sec.20-T7N-R66W - Lind EE 20-025HN - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program:      0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
7,550.00	7,277.90	6,852.99	6,741.08	19.83	18.20	59.86	-167.08	563.92	1,068.29	1,033.77	34.52	30.951		
7,575.00	7,279.88	6,850.54	6,738.96	19.90	18.20	58.77	-166.66	562.76	1,077.48	1,043.27	34.21	31.494		
7,598.91	7,280.50	6,847.26	6,736.13	19.97	18.19	57.79	-166.11	561.21	1,085.82	1,051.87	33.95	31.983		
7,600.00	7,280.50	6,847.09	6,735.98	19.97	18.19	57.78	-166.08	561.13	1,086.19	1,052.24	33.95	31.993		
7,700.00	7,280.50	6,831.50	6,722.50	20.27	18.14	56.92	-163.45	553.75	1,124.04	1,090.03	34.01	33.046		
7,800.00	7,280.50	7,874.43	7,280.50	20.59	21.31	90.00	394.81	877.83	1,165.37	1,124.04	41.33	28.197		
7,900.00	7,280.50	7,974.43	7,280.50	20.91	21.63	90.00	494.78	880.58	1,165.38	1,123.41	41.97	27.766		
8,000.00	7,280.50	8,074.43	7,280.50	21.24	21.95	90.00	594.74	883.33	1,165.40	1,122.76	42.64	27.334		
8,100.00	7,280.50	8,174.43	7,280.50	21.58	22.29	90.00	694.70	886.09	1,165.41	1,122.09	43.32	26.901		
8,200.00	7,280.50	8,274.43	7,280.50	21.94	22.64	90.00	794.66	888.84	1,165.43	1,121.40	44.03	26.470		
8,300.00	7,280.50	8,374.43	7,280.50	22.30	23.00	90.00	894.62	891.59	1,165.44	1,120.69	44.75	26.041		
8,400.00	7,280.50	8,474.43	7,280.50	22.67	23.36	90.00	994.59	894.35	1,165.46	1,119.96	45.50	25.615		
8,500.00	7,280.50	8,574.43	7,280.50	23.06	23.74	90.00	1,094.55	897.10	1,165.47	1,119.21	46.26	25.193		
8,600.00	7,280.50	8,674.43	7,280.50	23.45	24.12	90.00	1,194.51	899.85	1,165.49	1,118.45	47.04	24.776		
8,700.00	7,280.50	8,774.43	7,280.50	23.84	24.51	90.00	1,294.47	902.61	1,165.50	1,117.67	47.84	24.364		
8,800.00	7,280.50	8,874.43	7,280.50	24.25	24.91	90.00	1,394.43	905.36	1,165.52	1,116.87	48.65	23.959		
8,900.00	7,280.50	8,974.43	7,280.50	24.66	25.31	90.00	1,494.40	908.11	1,165.53	1,116.06	49.47	23.559		
9,000.00	7,280.50	9,074.43	7,280.50	25.08	25.72	90.00	1,594.36	910.87	1,165.55	1,115.24	50.31	23.167		
9,100.00	7,280.50	9,174.43	7,280.50	25.51	26.14	90.00	1,694.32	913.62	1,165.57	1,114.40	51.16	22.781		
9,200.00	7,280.50	9,274.43	7,280.50	25.94	26.57	90.00	1,794.28	916.37	1,165.58	1,113.55	52.03	22.403		
9,300.00	7,280.50	9,374.43	7,280.50	26.38	27.00	90.00	1,894.25	919.13	1,165.60	1,112.69	52.90	22.032		
9,400.00	7,280.50	9,474.43	7,280.50	26.82	27.43	90.00	1,994.21	921.88	1,165.61	1,111.82	53.79	21.669		
9,500.00	7,280.50	9,574.43	7,280.50	27.27	27.87	90.00	2,094.17	924.63	1,165.63	1,110.94	54.69	21.314		
9,600.00	7,280.50	9,674.43	7,280.50	27.72	28.32	90.00	2,194.13	927.39	1,165.64	1,110.04	55.60	20.966		
9,700.00	7,280.50	9,774.43	7,280.50	28.18	28.77	90.00	2,294.09	930.14	1,165.66	1,109.14	56.52	20.625		
9,800.00	7,280.50	9,874.43	7,280.50	28.65	29.23	90.00	2,394.06	932.89	1,165.67	1,108.23	57.44	20.293		
9,900.00	7,280.50	9,974.43	7,280.50	29.11	29.69	90.00	2,494.02	935.65	1,165.69	1,107.31	58.38	19.968		
10,000.00	7,280.50	10,074.43	7,280.50	29.59	30.16	90.00	2,593.98	938.40	1,165.70	1,106.38	59.32	19.650		
10,100.00	7,280.50	10,174.43	7,280.50	30.06	30.63	90.00	2,693.94	941.15	1,165.72	1,105.44	60.28	19.340		
10,200.00	7,280.50	10,274.43	7,280.50	30.54	31.10	90.00	2,793.90	943.91	1,165.73	1,104.50	61.24	19.037		
10,300.00	7,280.50	10,374.43	7,280.50	31.03	31.58	90.00	2,893.87	946.66	1,165.75	1,103.55	62.20	18.741		
10,400.00	7,280.50	10,474.43	7,280.50	31.51	32.06	90.00	2,993.83	949.41	1,165.77	1,102.59	63.18	18.452		
10,500.00	7,280.50	10,574.43	7,280.50	32.00	32.54	90.00	3,093.79	952.17	1,165.78	1,101.62	64.16	18.170		
10,600.00	7,280.50	10,674.43	7,280.50	32.50	33.03	90.00	3,193.75	954.92	1,165.80	1,100.65	65.15	17.895		
10,700.00	7,280.50	10,774.43	7,280.50	32.99	33.52	90.00	3,293.71	957.67	1,165.81	1,099.67	66.14	17.627		
10,800.00	7,280.50	10,874.43	7,280.50	33.49	34.02	90.00	3,393.68	960.43	1,165.83	1,098.69	67.14	17.365		
10,900.00	7,280.50	10,974.43	7,280.50	34.00	34.51	90.00	3,493.64	963.18	1,165.84	1,097.70	68.14	17.109		
11,000.00	7,280.50	11,074.43	7,280.50	34.50	35.01	90.00	3,593.60	965.93	1,165.86	1,096.71	69.15	16.860		
11,100.00	7,280.50	11,174.43	7,280.50	35.01	35.51	90.00	3,693.56	968.69	1,165.87	1,095.71	70.17	16.616		
11,200.00	7,280.50	11,274.43	7,280.50	35.52	36.02	90.00	3,793.53	971.44	1,165.89	1,094.70	71.19	16.378		
11,300.00	7,280.50	11,374.43	7,280.50	36.03	36.53	90.00	3,893.49	974.19	1,165.90	1,093.69	72.21	16.146		
11,400.00	7,280.50	11,474.43	7,280.50	36.55	37.03	90.00	3,993.45	976.95	1,165.92	1,092.68	73.24	15.920		
11,500.00	7,280.50	11,574.43	7,280.50	37.06	37.55	90.00	4,093.41	979.70	1,165.93	1,091.66	74.27	15.698		
11,600.00	7,280.50	11,674.43	7,280.50	37.58	38.06	90.00	4,193.37	982.45	1,165.95	1,090.64	75.31	15.482		
11,700.00	7,280.50	11,774.43	7,280.50	38.10	38.58	90.00	4,293.34	985.21	1,165.96	1,089.62	76.35	15.272		
11,800.00	7,280.50	11,874.43	7,280.50	38.62	39.09	90.00	4,393.30	987.96	1,165.98	1,088.59	77.39	15.066		
11,900.00	7,280.50	11,974.43	7,280.50	39.15	39.61	90.00	4,493.26	990.71	1,166.00	1,087.55	78.44	14.864		
11,994.51	7,280.50	12,068.94	7,280.50	39.64	40.11	90.00	4,587.73	993.32	1,166.01	1,086.57	79.44	14.679		

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Sec.20-T7N-R66W - Lind EE 20-027HN - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program: 0-MWD													Offset Well Error:		0.00 usft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
0.00	0.00	0.00	0.00	0.00	0.00	88.43	3.28	119.49	119.53								
100.00	100.00	100.00	100.00	0.22	0.22	88.43	3.28	119.49	119.53	119.09	0.44	272.424					
200.00	200.00	200.00	200.00	0.48	0.48	88.43	3.28	119.49	119.53	118.57	0.96	124.206					
300.00	300.00	300.00	300.00	0.74	0.74	88.43	3.28	119.49	119.53	118.05	1.49	80.441					
400.00	400.00	400.00	400.00	1.00	1.00	88.43	3.28	119.49	119.53	117.52	2.01	59.482					
500.00	500.00	500.00	500.00	1.27	1.27	88.43	3.28	119.49	119.53	117.00	2.53	47.187					
600.00	600.00	600.00	600.00	1.53	1.53	88.43	3.28	119.49	119.53	116.48	3.06	39.104					
700.00	700.00	700.00	700.00	1.79	1.79	88.43	3.28	119.49	119.53	115.95	3.58	33.386					
800.00	800.00	800.00	800.00	2.05	2.05	88.43	3.28	119.49	119.53	115.43	4.10	29.126					
900.00	900.00	900.00	900.00	2.31	2.31	88.43	3.28	119.49	119.53	114.91	4.63	25.831					
1,000.00	1,000.00	1,000.00	1,000.00	2.58	2.58	88.43	3.28	119.49	119.53	114.38	5.15	23.205					
1,100.00	1,100.00	1,100.00	1,100.00	2.84	2.84	88.43	3.28	119.49	119.53	113.86	5.67	21.064					
1,200.00	1,200.00	1,200.00	1,200.00	3.10	3.10	88.43	3.28	119.49	119.53	113.33	6.20	19.285					
1,300.00	1,300.00	1,300.00	1,300.00	3.36	3.36	88.43	3.28	119.49	119.53	112.81	6.72	17.782					
1,400.00	1,400.00	1,400.00	1,400.00	3.62	3.62	88.43	3.28	119.49	119.53	112.29	7.25	16.497					
1,500.00	1,500.00	1,500.00	1,500.00	3.88	3.88	88.43	3.28	119.49	119.53	111.76	7.77	15.386					
1,600.00	1,600.00	1,600.00	1,600.00	4.15	4.15	88.43	3.28	119.49	119.53	111.24	8.29	14.414					
1,700.00	1,700.00	1,700.00	1,700.00	4.41	4.41	88.43	3.28	119.49	119.53	110.72	8.82	13.558					
1,800.00	1,800.00	1,800.00	1,800.00	4.67	4.67	88.43	3.28	119.49	119.53	110.19	9.34	12.798					
1,900.00	1,900.00	1,900.00	1,900.00	4.93	4.93	88.43	3.28	119.49	119.53	109.67	9.86	12.119					
2,000.00	2,000.00	2,000.00	2,000.00	5.19	5.19	88.43	3.28	119.49	119.53	109.15	10.39	11.508					
2,100.00	2,100.00	2,100.00	2,100.00	5.46	5.46	88.43	3.28	119.49	119.53	108.62	10.91	10.956					
2,200.00	2,200.00	2,200.00	2,200.00	5.72	5.72	88.43	3.28	119.49	119.53	108.10	11.43	10.454					
2,300.00	2,300.00	2,300.00	2,300.00	5.98	5.98	88.43	3.28	119.49	119.53	107.58	11.96	9.996					
2,400.00	2,400.00	2,400.00	2,400.00	6.24	6.24	88.43	3.28	119.49	119.53	107.05	12.48	9.577					
2,500.00	2,500.00	2,500.00	2,500.00	6.50	6.50	88.43	3.28	119.49	119.53	106.53	13.01	9.191					
2,600.00	2,600.00	2,600.00	2,600.00	6.76	6.76	88.43	3.28	119.49	119.53	106.00	13.53	8.835					
2,700.00	2,700.00	2,700.00	2,700.00	7.03	7.03	88.43	3.28	119.49	119.53	105.48	14.05	8.506					
2,800.00	2,800.00	2,800.00	2,800.00	7.29	7.29	88.43	3.28	119.49	119.53	104.96	14.58	8.201					
2,900.00	2,900.00	2,900.00	2,900.00	7.55	7.55	88.43	3.28	119.49	119.53	104.43	15.10	7.916					
3,000.00	3,000.00	3,000.00	3,000.00	7.81	7.81	88.43	3.28	119.49	119.53	103.91	15.62	7.651					
3,100.00	3,100.00	3,100.00	3,100.00	8.07	8.07	88.43	3.28	119.49	119.53	103.39	16.15	7.403					
3,200.00	3,200.00	3,200.00	3,200.00	8.34	8.34	88.43	3.28	119.49	119.53	102.86	16.67	7.170					
3,300.00	3,300.00	3,300.00	3,300.00	8.60	8.60	88.43	3.28	119.49	119.53	102.34	17.19	6.952					
3,400.00	3,400.00	3,400.00	3,400.00	8.86	8.86	88.43	3.28	119.49	119.53	101.82	17.72	6.747					
3,500.00	3,500.00	3,500.00	3,500.00	9.12	9.12	88.43	3.28	119.49	119.53	101.29	18.24	6.553					
3,600.00	3,600.00	3,600.00	3,600.00	9.38	9.38	88.43	3.28	119.49	119.53	100.77	18.76	6.370					
3,700.00	3,700.00	3,700.00	3,700.00	9.64	9.64	88.43	3.28	119.49	119.53	100.24	19.29	6.197					
3,800.00	3,800.00	3,800.00	3,800.00	9.91	9.91	88.43	3.28	119.49	119.53	99.72	19.81	6.033					
3,900.00	3,900.00	3,900.00	3,900.00	10.17	10.17	88.43	3.28	119.49	119.53	99.20	20.34	5.878					
4,000.00	4,000.00	4,000.00	4,000.00	10.43	10.43	88.43	3.28	119.49	119.53	98.67	20.86	5.730					
4,100.00	4,100.00	4,100.00	4,100.00	10.69	10.69	88.43	3.28	119.49	119.53	98.15	21.38	5.590					
4,200.00	4,200.00	4,200.00	4,200.00	10.95	10.95	88.43	3.28	119.49	119.53	97.63	21.91	5.457					
4,300.00	4,300.00	4,300.00	4,300.00	11.21	11.21	88.43	3.28	119.49	119.53	97.10	22.43	5.329					
4,400.00	4,400.00	4,400.00	4,400.00	11.48	11.48	88.43	3.28	119.49	119.53	96.58	22.95	5.208					
4,433.34	4,433.34	4,433.34	4,433.34	11.56	11.56	88.43	3.28	119.49	119.53	96.40	23.13	5.168 CC, ES					
4,500.00	4,500.00	4,497.10	4,497.09	11.74	11.73	88.48	3.18	120.06	120.14	96.67	23.47	5.119 SF					
4,600.00	4,600.00	4,591.07	4,590.94	12.00	11.98	88.90	2.40	124.62	124.97	101.00	23.98	5.212					
4,700.00	4,700.00	4,684.36	4,683.77	12.26	12.22	89.63	0.87	133.65	134.63	110.15	24.48	5.499					
4,800.00	4,800.00	4,776.54	4,774.95	12.52	12.46	90.55	-1.40	146.94	149.07	124.08	24.99	5.966					
4,900.00	4,900.00	4,867.21	4,863.90	12.79	12.70	91.51	-4.34	164.23	168.21	142.72	25.49	6.599					
5,000.00	5,000.00	4,956.01	4,950.11	13.05	12.94	92.45	-7.91	185.18	191.95	165.96	25.99	7.387					

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

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,100.00	5,042.62	5,033.16	13.31	13.17	93.29	-12.03	209.40	220.14	193.66	26.48	8.314		
5,200.00	5,200.00	5,126.79	5,112.72	13.57	13.40	94.02	-16.64	236.47	252.62	225.65	26.97	9.368		
5,300.00	5,300.00	5,208.31	5,188.54	13.83	13.63	94.66	-21.66	265.96	289.18	261.73	27.45	10.536		
5,400.00	5,400.00	5,287.00	5,260.47	14.09	13.85	95.19	-27.01	297.42	329.63	301.71	27.93	11.804		
5,500.00	5,500.00	5,362.78	5,328.42	14.36	14.07	95.64	-32.64	330.45	373.77	345.37	28.40	13.162		
5,600.00	5,600.00	5,435.56	5,392.40	14.62	14.28	96.02	-38.46	364.66	421.37	392.51	28.86	14.599		
5,700.00	5,700.00	5,518.62	5,464.33	14.88	14.53	96.39	-45.43	405.60	471.29	441.93	29.36	16.053		
5,790.00	5,790.00	5,596.53	5,531.77	15.12	14.77	96.68	-51.97	444.05	516.30	486.48	29.82	17.316		
5,800.00	5,800.00	5,605.18	5,539.26	15.14	14.80	-118.64	-52.70	448.32	521.31	491.43	29.88	17.448		
5,900.00	5,899.94	5,691.01	5,613.56	15.40	15.07	-117.12	-59.91	490.68	572.61	542.29	30.32	18.887		
6,000.00	5,999.58	5,775.43	5,686.64	15.67	15.33	-115.98	-67.00	532.35	625.96	595.22	30.74	20.362		
6,100.00	6,098.64	5,858.23	5,758.31	15.93	15.60	-115.11	-73.96	573.22	681.32	650.15	31.16	21.862		
6,200.00	6,196.86	5,939.16	5,828.37	16.19	15.86	-114.42	-80.76	613.16	738.68	707.10	31.58	23.390		
6,300.00	6,293.96	6,018.01	5,896.63	16.46	16.12	-113.84	-87.38	652.08	798.08	766.10	31.98	24.954		
6,400.00	6,389.68	6,094.57	5,962.89	16.72	16.38	-113.31	-93.82	689.86	859.55	827.17	32.37	26.552		
6,500.00	6,483.76	6,168.61	6,026.99	16.99	16.63	-112.78	-100.04	726.41	923.11	890.36	32.75	28.184		
6,600.00	6,575.93	6,239.95	6,088.75	17.27	16.87	-112.20	-106.03	761.62	988.81	955.66	33.15	29.827		
6,700.00	6,665.96	6,308.38	6,147.98	17.55	17.10	-111.52	-111.78	795.39	1,056.63	1,023.07	33.57	31.479		
6,712.85	6,677.36	6,316.96	6,155.41	17.58	17.13	-111.43	-112.50	799.63	1,065.51	1,031.89	33.62	31.693		
6,732.18	6,694.47	6,329.81	6,166.53	17.64	17.18	-111.80	-113.58	805.97	1,078.88	1,045.16	33.72	31.995		
6,750.00	6,710.38	6,341.73	6,176.86	17.69	17.22	-117.17	-114.58	811.86	1,091.31	1,057.59	33.72	32.364		
6,775.00	6,733.10	6,358.67	6,191.51	17.76	17.27	-125.49	-116.00	820.21	1,108.96	1,075.22	33.74	32.869		
6,800.00	6,756.22	6,375.80	6,206.34	17.83	17.33	-134.88	-117.44	828.67	1,126.79	1,092.99	33.80	33.335		
6,825.00	6,779.66	6,393.06	6,221.28	17.89	17.39	-145.50	-118.89	837.19	1,144.72	1,110.80	33.93	33.741		
6,850.00	6,803.36	6,410.41	6,236.30	17.96	17.45	-157.46	-120.35	845.75	1,162.70	1,128.58	34.12	34.074		
6,875.00	6,827.23	6,427.78	6,251.34	18.03	17.51	-170.64	-121.81	854.32	1,180.67	1,146.27	34.39	34.329		
6,900.00	6,851.19	6,445.12	6,266.35	18.10	17.57	175.37	-123.27	862.88	1,198.55	1,163.83	34.73	34.512		
6,925.00	6,875.18	6,462.38	6,281.29	18.17	17.63	161.31	-124.72	871.40	1,216.32	1,181.20	35.12	34.636		
6,950.00	6,899.11	6,479.50	6,296.11	18.23	17.69	148.02	-126.16	879.85	1,233.91	1,198.37	35.54	34.718		
6,975.00	6,922.91	6,496.42	6,310.76	18.30	17.75	136.07	-127.58	888.20	1,251.29	1,215.31	35.98	34.776		
7,000.00	6,946.49	6,513.09	6,325.19	18.36	17.81	125.71	-128.98	896.43	1,268.43	1,232.01	36.42	34.828		
7,025.00	6,969.79	6,529.46	6,339.36	18.43	17.87	116.88	-130.35	904.51	1,285.28	1,248.44	36.84	34.890		
7,050.00	6,992.73	6,545.47	6,353.22	18.49	17.93	109.39	-131.70	912.41	1,301.82	1,264.60	37.22	34.973		
7,075.00	7,015.23	6,561.08	6,366.73	18.56	17.98	103.03	-133.01	920.11	1,318.02	1,280.46	37.56	35.087		
7,100.00	7,037.23	6,576.22	6,379.84	18.62	18.03	97.60	-134.28	927.59	1,333.86	1,296.01	37.85	35.239		
7,125.00	7,058.65	6,590.86	6,392.51	18.69	18.09	92.92	-135.51	934.81	1,349.32	1,311.24	38.08	35.432		
7,150.00	7,079.42	6,604.95	6,404.70	18.75	18.13	88.86	-136.69	941.77	1,364.37	1,326.12	38.25	35.670		
7,175.00	7,099.48	6,618.43	6,416.38	18.82	18.18	85.30	-137.83	948.42	1,379.01	1,340.66	38.36	35.953		
7,200.00	7,118.76	6,631.27	6,427.49	18.88	18.23	82.17	-138.91	954.76	1,393.21	1,354.81	38.40	36.282		
7,225.00	7,137.20	6,643.43	6,438.02	18.94	18.27	79.40	-139.93	960.76	1,406.97	1,368.58	38.38	36.654		
7,250.00	7,154.74	6,654.87	6,447.92	19.01	18.31	76.93	-140.89	966.41	1,420.26	1,381.95	38.31	37.069		
7,275.00	7,171.32	6,665.54	6,457.16	19.07	18.35	74.71	-141.79	971.67	1,433.09	1,394.90	38.19	37.525		
7,300.00	7,186.90	6,675.42	6,465.71	19.14	18.39	72.71	-142.62	976.55	1,445.43	1,407.41	38.02	38.017		
7,325.00	7,201.41	6,684.48	6,473.55	19.20	18.42	70.91	-143.38	981.02	1,457.28	1,419.47	37.81	38.542		
7,350.00	7,214.82	6,692.68	6,480.65	19.27	18.45	69.28	-144.07	985.07	1,468.62	1,431.06	37.56	39.097		
7,375.00	7,227.08	6,700.00	6,486.98	19.34	18.47	67.80	-144.68	988.68	1,479.45	1,442.16	37.29	39.675		
7,400.00	7,238.15	6,706.41	6,492.54	19.40	18.50	66.45	-145.22	991.85	1,489.76	1,452.76	36.99	40.271		
7,425.00	7,248.00	6,711.90	6,497.29	19.47	18.52	65.22	-145.68	994.55	1,499.53	1,462.85	36.68	40.877		
7,450.00	7,256.59	6,716.44	6,501.22	19.54	18.54	64.09	-146.06	996.80	1,508.76	1,472.39	36.37	41.487		
7,475.00	7,263.89	6,720.03	6,504.32	19.61	18.54	63.07	-146.36	998.57	1,517.43	1,481.38	36.05	42.091		
7,500.00	7,269.89	6,722.65	6,506.59	19.68	18.55	62.15	-146.58	999.86	1,525.54	1,489.80	35.74	42.681		
7,525.00	7,274.57	6,724.29	6,508.01	19.75	18.56	61.31	-146.72	1,000.67	1,533.07	1,497.62	35.45	43.247		

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

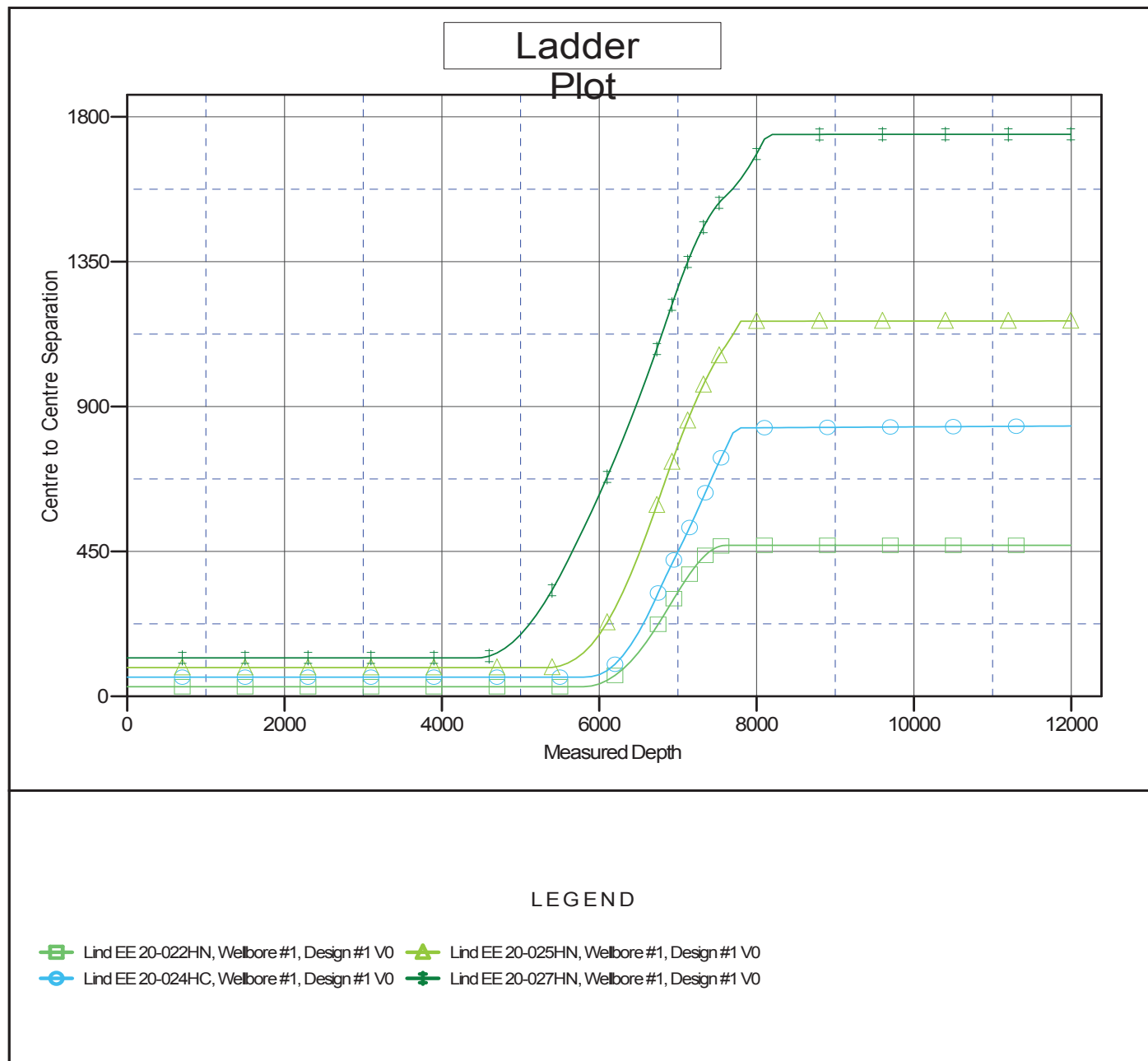
<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											Sec.20-T7N-R66W - Lind EE 20-027HN - Wellbore #1 - Design #1			Offset Site Error:		0.00 usft
Survey Program: 0-MWD														Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			Warning	
7,550.00	7,277.90	6,724.94	6,508.58	19.83	18.56	60.55	-146.78	1,000.99	1,540.00	1,504.83	35.18	43.778				
7,575.00	7,279.88	6,724.61	6,508.29	19.90	18.56	59.87	-146.75	1,000.83	1,546.34	1,511.40	34.93	44.265				
7,598.91	7,280.50	6,723.38	6,507.22	19.97	18.56	59.30	-146.64	1,000.22	1,551.82	1,517.08	34.73	44.681				
7,600.00	7,280.50	6,723.30	6,507.16	19.97	18.56	59.30	-146.64	1,000.18	1,552.05	1,517.32	34.73	44.685				
7,700.00	7,280.50	6,716.25	6,501.06	20.27	18.53	59.03	-146.05	996.70	1,576.84	1,541.85	35.00	45.056				
7,800.00	7,280.50	6,709.21	6,494.96	20.59	18.51	58.77	-145.45	993.23	1,607.45	1,572.18	35.27	45.572				
7,900.00	7,280.50	6,702.16	6,488.86	20.91	18.48	58.50	-144.86	989.75	1,643.55	1,607.99	35.56	46.218				
8,000.00	7,280.50	6,695.11	6,482.76	21.24	18.46	58.24	-144.27	986.27	1,684.80	1,648.94	35.86	46.983				
8,100.00	7,280.50	6,688.07	6,476.66	21.58	18.43	57.97	-143.68	982.79	1,730.81	1,694.64	36.17	47.853				
8,200.00	7,280.50	8,394.95	7,280.50	21.94	24.04	90.00	778.72	1,468.65	1,745.46	1,700.91	44.55	39.180				
8,300.00	7,280.50	8,494.95	7,280.50	22.30	24.38	90.00	878.68	1,471.41	1,745.47	1,700.20	45.27	38.555				
8,400.00	7,280.50	8,594.95	7,280.50	22.67	24.73	90.00	978.65	1,474.16	1,745.49	1,699.48	46.01	37.935				
8,500.00	7,280.50	8,694.95	7,280.50	23.06	25.08	90.00	1,078.61	1,476.91	1,745.50	1,698.73	46.77	37.321				
8,600.00	7,280.50	8,794.95	7,280.50	23.45	25.45	90.00	1,178.57	1,479.66	1,745.52	1,697.97	47.54	36.713				
8,700.00	7,280.50	8,894.95	7,280.50	23.84	25.82	90.00	1,278.53	1,482.41	1,745.53	1,697.19	48.34	36.113				
8,800.00	7,280.50	8,994.95	7,280.50	24.25	26.20	90.00	1,378.49	1,485.16	1,745.54	1,696.40	49.14	35.521				
8,900.00	7,280.50	9,094.95	7,280.50	24.66	26.59	90.00	1,478.46	1,487.92	1,745.56	1,695.59	49.96	34.938				
9,000.00	7,280.50	9,194.95	7,280.50	25.08	26.98	90.00	1,578.42	1,490.67	1,745.57	1,694.77	50.80	34.364				
9,100.00	7,280.50	9,294.95	7,280.50	25.51	27.39	90.00	1,678.38	1,493.42	1,745.58	1,693.94	51.64	33.801				
9,200.00	7,280.50	9,394.95	7,280.50	25.94	27.79	90.00	1,778.34	1,496.17	1,745.60	1,693.09	52.50	33.247				
9,300.00	7,280.50	9,494.95	7,280.50	26.38	28.21	90.00	1,878.30	1,498.92	1,745.61	1,692.24	53.38	32.705				
9,400.00	7,280.50	9,594.95	7,280.50	26.82	28.63	90.00	1,978.27	1,501.67	1,745.63	1,691.37	54.26	32.173				
9,500.00	7,280.50	9,694.95	7,280.50	27.27	29.06	90.00	2,078.23	1,504.43	1,745.64	1,690.49	55.15	31.651				
9,600.00	7,280.50	9,794.95	7,280.50	27.72	29.49	90.00	2,178.19	1,507.18	1,745.65	1,689.60	56.06	31.141				
9,700.00	7,280.50	9,894.95	7,280.50	28.18	29.93	90.00	2,278.15	1,509.93	1,745.67	1,688.70	56.97	30.642				
9,800.00	7,280.50	9,994.95	7,280.50	28.65	30.37	90.00	2,378.12	1,512.68	1,745.68	1,687.79	57.89	30.154				
9,900.00	7,280.50	10,094.95	7,280.50	29.11	30.81	90.00	2,478.08	1,515.43	1,745.69	1,686.87	58.82	29.676				
10,000.00	7,280.50	10,194.95	7,280.50	29.59	31.27	90.00	2,578.04	1,518.18	1,745.71	1,685.94	59.76	29.210				
10,100.00	7,280.50	10,294.95	7,280.50	30.06	31.72	90.00	2,678.00	1,520.94	1,745.72	1,685.01	60.71	28.753				
10,200.00	7,280.50	10,394.95	7,280.50	30.54	32.18	90.00	2,777.96	1,523.69	1,745.73	1,684.07	61.67	28.308				
10,300.00	7,280.50	10,494.95	7,280.50	31.03	32.65	90.00	2,877.93	1,526.44	1,745.75	1,683.12	62.63	27.873				
10,400.00	7,280.50	10,594.95	7,280.50	31.51	33.11	90.00	2,977.89	1,529.19	1,745.76	1,682.16	63.60	27.448				
10,500.00	7,280.50	10,694.95	7,280.50	32.00	33.59	90.00	3,077.85	1,531.94	1,745.78	1,681.20	64.58	27.033				
10,600.00	7,280.50	10,794.95	7,280.50	32.50	34.06	90.00	3,177.81	1,534.69	1,745.79	1,680.23	65.56	26.627				
10,700.00	7,280.50	10,894.95	7,280.50	32.99	34.54	90.00	3,277.77	1,537.45	1,745.80	1,679.25	66.55	26.232				
10,800.00	7,280.50	10,994.95	7,280.50	33.49	35.02	90.00	3,377.74	1,540.20	1,745.82	1,678.27	67.55	25.845				
10,900.00	7,280.50	11,094.95	7,280.50	34.00	35.51	90.00	3,477.70	1,542.95	1,745.83	1,677.28	68.55	25.468				
11,000.00	7,280.50	11,194.95	7,280.50	34.50	35.99	90.00	3,577.66	1,545.70	1,745.84	1,676.29	69.56	25.100				
11,100.00	7,280.50	11,294.95	7,280.50	35.01	36.49	90.00	3,677.62	1,548.45	1,745.86	1,675.29	70.57	24.740				
11,200.00	7,280.50	11,394.95	7,280.50	35.52	36.98	90.00	3,777.59	1,551.20	1,745.87	1,674.29	71.58	24.389				
11,300.00	7,280.50	11,494.95	7,280.50	36.03	37.48	90.00	3,877.55	1,553.96	1,745.89	1,673.28	72.60	24.046				
11,400.00	7,280.50	11,594.95	7,280.50	36.55	37.97	90.00	3,977.51	1,556.71	1,745.90	1,672.27	73.63	23.712				
11,500.00	7,280.50	11,694.95	7,280.50	37.06	38.48	90.00	4,077.47	1,559.46	1,745.91	1,671.25	74.66	23.385				
11,600.00	7,280.50	11,794.95	7,280.50	37.58	38.98	90.00	4,177.43	1,562.21	1,745.93	1,670.23	75.69	23.066				
11,700.00	7,280.50	11,894.95	7,280.50	38.10	39.49	90.00	4,277.40	1,564.96	1,745.94	1,669.21	76.73	22.754				
11,800.00	7,280.50	11,994.95	7,280.50	38.62	39.99	90.00	4,377.36	1,567.71	1,745.95	1,668.18	77.77	22.449				
11,900.00	7,280.50	12,094.95	7,280.50	39.15	40.50	90.00	4,477.32	1,570.47	1,745.97	1,667.15	78.82	22.152				
11,994.51	7,280.50	12,189.46	7,280.50	39.64	40.99	90.00	4,571.79	1,573.07	1,745.98	1,666.17	79.81	21.877				

<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
<b>Project:</b>	Weld Co., CO	<b>TVD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Reference Site:</b>	Sec.20-T7N-R66W	<b>MD Reference:</b>	WELL @ 4976.50usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4976.50usft (Original Well E  
Offset Depths are relative to Offset Datum  
Central Meridian is 105° 30' 0.000 W

Coordinates are relative to: Lind EE 20-021HN  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.45°



<b>Company:</b>	Great Western Oil & Gas	<b>Local Co-ordinate Reference:</b>	Well Lind EE 20-021HN
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<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Lind EE 20-021HN	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.1 Single User Db
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