

<b>Company:</b>	BHI Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Equus Farms 20-1H #1
<b>Project:</b>	Weld County, CO NAD 83	<b>TVD Reference:</b>	GL 4627' @ 4627.00R
<b>Reference Site:</b>	Kunsemiller 5-61-20_19NW21 Pad	<b>MD Reference:</b>	GL 4627' @ 4627.00R
<b>Site Error:</b>	0.00 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Equus Farms 20-1H #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Casper District
<b>Reference Design:</b>	Survey: Survey #1	<b>Offset TVD Reference:</b>	Reference Datum

**Summary**

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
<b>Kunsemiller</b>						
Kunsemiller 5-61-20-2417B2 - OH - Plan 1	7,500.00	7,722.64	45.36	19.44	1.750 ES	
Kunsemiller 5-61-20-2417B2 - OH - Plan 1	7,510.95	7,730.38	44.89	20.39	1.839 CC	
Kunsemiller 5-61-20-2417B2 - OH - Plan 1	7,600.00	7,793.47	77.47	22.48	1.409 Level 3, SF	
Kunsemiller 5-61-20-2532B2 - OH - Plan 1	8,700.00	8,515.06	58.10	-27.87	0.668 Level 1, ES, SF	
Kunsemiller 5-61-20-2532B2 - OH - Plan 1	8,760.90	8,560.31	38.71	-0.71	0.982 Level 1, CC	
Kunsemiller 5-61-20-2532C2 - OH - Plan 1	8,100.00	8,167.97	108.08	75.15	3.282 ES	
Kunsemiller 5-61-20-2532C2 - OH - Plan 1	8,118.67	8,181.10	107.23	75.92	3.425 CC	
Kunsemiller 5-61-20-2532C2 - OH - Plan 1	8,300.00	8,312.03	188.88	99.90	2.492 SF	
Kunsemiller 5-61-20-4033C2 - OH - Plan 1	9,415.21	9,140.97	120.11	71.50	2.471 CC	
Kunsemiller 5-61-20-4033C2 - OH - Plan 1	9,500.00	9,201.93	133.55	62.40	1.877 ES	
Kunsemiller 5-61-20-4033C2 - OH - Plan 1	9,600.00	9,273.18	175.61	70.26	1.667 SF	
<b>Kunsemiller 5-61-20_19NW21 Pad</b>						
Kunsemiller 5-61-20-0801B2B - OH - Plan 2	3,633.20	3,744.11	715.61	695.52	35.614 CC	
Kunsemiller 5-61-20-0801B2B - OH - Plan 2	3,700.00	3,808.60	715.82	695.25	34.788 ES	
Kunsemiller 5-61-20-0801B2B - OH - Plan 2	5,800.00	6,716.63	730.18	697.60	22.412 SF	
Kunsemiller 5-61-20-0801C2 - OH - Plan 2	6,043.19	6,796.90	337.31	308.84	11.844 CC, ES	
Kunsemiller 5-61-20-0801C2 - OH - Plan 2	6,100.00	6,830.98	341.63	312.59	11.763 SF	
Kunsemiller 5-61-20-0916B2 - OH - Plan 2	6,442.64	6,956.78	20.82	7.93	1.615 CC, ES	
Kunsemiller 5-61-20-0916B2 - OH - Plan 2	6,500.00	6,997.83	46.84	8.93	1.237 Level 2, SF	
Kunsemiller 5-61-20-2417C2 - OH - Plan 2	7,000.00	7,438.17	152.78	111.52	3.703 SF	
Kunsemiller 5-61-20-2417C2 - OH - Plan 2	7,100.00	7,508.52	120.36	94.23	4.807 ES	
Kunsemiller 5-61-20-2417C2 - OH - Plan 2	7,138.12	7,534.35	117.66	96.74	5.625 CC	

Offset Design											Offset Site Error: 0.00 R		
Anschutz State 5-61-19 CW2 Pad - Anschutz State 5-61-19-1724C2 - OH - Plan 1											Offset Well Error: 0.00 R		
Survey Program: O-MWD													
Reference		Offset		Seal Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +/- S (ft)	Offset Wellbore Centre +/- W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,400.00	5,400.00	16,100.27	8,165.48	8.80	277.16	-5.29	-842.02	28.80	1,212.83	826.91	285.92	4.242	
5,500.00	5,499.98	16,098.47	8,165.50	9.01	277.11	-51.14	-842.08	26.80	1,151.89	865.88	268.01	4.027	
5,800.00	5,599.09	16,068.81	8,165.81	9.24	278.83	-52.44	-842.28	16.94	1,090.42	806.71	261.71	3.871	
5,700.00	5,693.85	16,064.57	8,165.88	9.48	278.16	-83.84	-842.75	-7.08	1,025.50	753.46	272.04	3.770	
5,800.00	5,782.87	16,028.68	8,168.23	9.80	278.18	-65.79	-843.49	-42.97	981.16	698.14	265.02	3.827	
5,900.00	5,885.80	15,988.41	8,168.87	10.25	273.97	-67.32	-844.38	-85.22	898.12	642.87	253.45	3.536	
6,800.00	5,935.70	15,934.83	8,167.21	10.92	272.52	-72.78	-845.43	-138.99	627.41	588.80	238.81	3.468	
6,100.00	5,995.88	15,875.74	8,167.82	11.66	270.87	-78.36	-846.84	-105.87	759.56	525.78	233.77	3.249	
6,200.00	6,044.31	15,812.34	8,168.48	13.04	269.10	-78.43	-847.94	-259.25	690.91	487.95	222.57	3.102	
6,300.00	6,080.36	15,745.75	8,169.18	14.47	267.23	-85.35	-848.31	-325.83	620.12	408.35	211.77	2.926	
6,400.00	6,101.52	15,677.26	8,169.89	16.07	265.31	-82.25	-850.72	-394.30	548.19	342.28	205.92	2.682	
6,500.00	6,109.42	15,606.74	8,170.83	17.81	263.34	-87.42	-852.17	-464.80	477.38	288.28	208.10	2.294	
6,600.00	6,113.35	15,534.99	8,171.37	19.61	261.33	-100.66	-853.64	-536.53	408.00	195.74	212.26	1.922	
6,700.00	6,110.58	15,462.58	8,172.13	21.52	259.30	-108.91	-855.13	-608.91	340.80	131.33	209.37	1.827	
6,800.00	6,105.99	15,391.26	8,172.87	23.35	257.30	-111.65	-856.80	-680.22	273.42	71.35	202.07	1.353 Level 3	
6,900.00	6,100.68	15,321.07	8,173.60	25.30	255.34	-120.16	-858.84	-750.39	207.39	16.82	190.67	1.068 Level 2	
7,000.00	6,095.51	15,251.72	8,174.32	27.25	253.40	-134.30	-859.47	-819.72	145.53	-23.77	169.31	0.880 Level 1, ES	
7,100.00	6,087.27	15,181.52	8,175.08	29.30	251.43	-157.40	-860.91	-889.90	101.88	-18.87	128.78	0.844 Level 1, SF	
7,155.54	6,082.29	15,141.88	8,175.47	30.44	250.32	-173.82	-861.73	-929.53	94.11	8.78	85.35	1.103 Level 2, CC	
7,200.00	6,078.02	15,110.78	8,175.78	31.35	249.45	-172.64	-862.37	-960.84	89.47	23.55	75.92	1.310 Level 3	
7,300.00	6,071.81	15,038.92	8,176.53	33.35	247.47	-148.83	-863.83	-1,031.47	137.06	13.90	123.18	1.113 Level 2	

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