



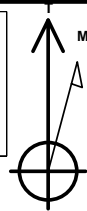
PROJECT DETAILS: Weld County, CO NAD 83

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level
Local North: True

Plan: Plan 1 (Wetco 4-63-5-4033B/OH)

Created By: Seth Burstad

Project: Weld County, CO NAD 83
Site: Wetco 4-63 4 SW Pad
Well: Wetco 4-63-5-4033B
Wellbore: OH
Design: Plan 1



Azimuths to True North
Magnetic North: 8.05°

Magnetic Field
Strength: 52211.3nT
Dip Angle: 66.88°
Date: 8/7/2018
Model: HDGM

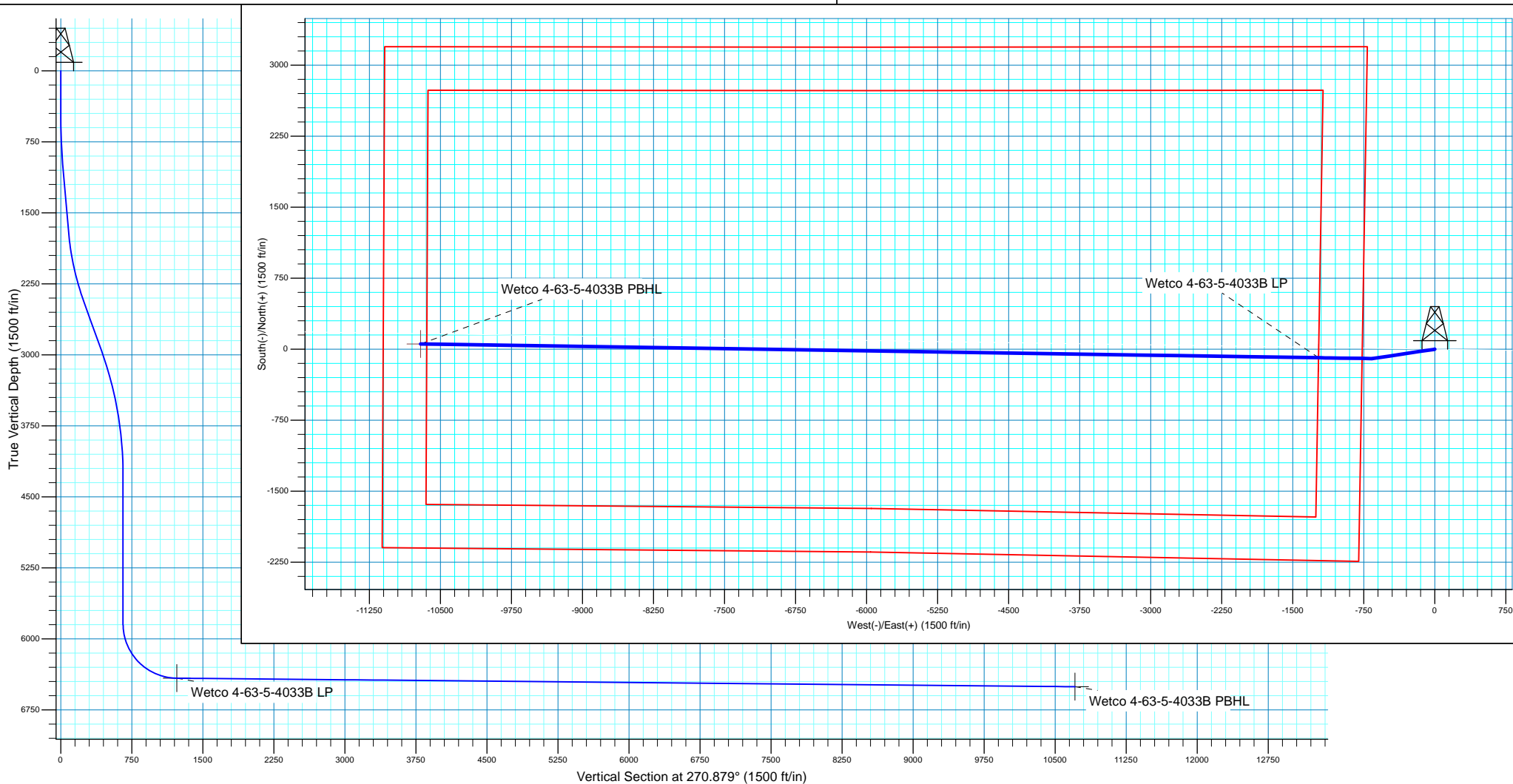


SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.000	500.00	0.00	0.00	0.00	0.00	0.00
1000.00	5.00	261.461	999.37	-3.24	-21.56	1.00	261.46	21.51
1703.31	5.00	261.461	1700.00	-12.34	-82.18	0.00	0.00	81.98
2453.35	20.00	261.461	2430.17	-36.37	-242.26	2.00	0.00	241.68
3012.96	20.00	261.461	2956.03	-64.79	-431.55	0.00	0.00	430.50
4346.35	0.00	0.000	4262.50	-99.00	-659.37	1.50	180.00	657.77
5924.92	0.00	0.000	5841.07	-99.00	-659.37	0.00	0.00	657.77
6819.48	89.46	270.879	6414.00	-90.29	-1226.82	10.00	270.88	1225.29
16303.21	89.46	270.879	6504.00	55.17	-10709.01	0.00	0.00	10708.60

WELL DETAILS: Wetco 4-63-5-4033B

		GL 4629' & KB 20' @ 4649.00ft		4629.00	Longitude
+N/-S	+E/-W	Northing	Easting	Latitude	
0.00	0.00	1368409.55	3292767.89	40° 20' 23.733 N	104° 26' 58.970 W





HighPoint Resources

Weld County, CO NAD 83

Wetco 4-63 4 SW Pad

Wetco 4-63-5-4033B

OH

Plan: Plan 1

Standard Planning Report

07 August, 2018



Database:	Casper District	Local Co-ordinate Reference:	Well Wetco 4-63-5-4033B
Company:	HighPoint Resources	TVD Reference:	GL 4629' & KB 20' @ 4649.00ft
Project:	Weld County, CO NAD 83	MD Reference:	GL 4629' & KB 20' @ 4649.00ft
Site:	Wetco 4-63 4 SW Pad	North Reference:	True
Well:	Wetco 4-63-5-4033B	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Project	Weld County, CO NAD 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		Wetco 4-63 4 SW Pad, Site Center : Wetco 4-63-5-4033CB			
Site Position:		Northing:	1,368,417.03 usft	Latitude:	40° 20' 23.806 N
From:	Lat/Long	Easting:	3,292,780.91 usft	Longitude:	104° 26' 58.801 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	0.68 °

Well	Wetco 4-63-5-4033B, 2237' FSL 766' FWL Sec 4 T4N R63W					
Well Position	+N/-S	-7.31 ft	Northing:	1,368,409.56 usft	Latitude:	40° 20' 23.733 N
	+E/-W	-13.10 ft	Easting:	3,292,767.89 usft	Longitude:	104° 26' 58.970 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	4,629.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	8/7/2018	8.05	66.88	52,211

Design	Plan 1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	270.879

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.000	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	5.00	261.461	999.37	-3.24	-21.56	1.00	1.00	0.00	261.46	
1,703.31	5.00	261.461	1,700.00	-12.34	-82.18	0.00	0.00	0.00	0.00	
2,453.35	20.00	261.461	2,430.17	-36.37	-242.26	2.00	2.00	0.00	0.00	
3,012.96	20.00	261.461	2,956.03	-64.79	-431.55	0.00	0.00	0.00	0.00	
4,346.35	0.00	0.000	4,262.50	-99.00	-659.37	1.50	-1.50	0.00	180.00	
5,924.92	0.00	0.000	5,841.07	-99.00	-659.37	0.00	0.00	0.00	0.00	
6,819.48	89.46	270.879	6,414.00	-90.29	-1,226.82	10.00	10.00	-9.96	270.88	
16,303.21	89.46	270.879	6,504.00	55.17	-10,709.01	0.00	0.00	0.00	0.00	Wetco 4-63-5-4033B

Database:	Casper District	Local Co-ordinate Reference:	Well Wetco 4-63-5-4033B
Company:	HighPoint Resources	TVD Reference:	GL 4629' & KB 20' @ 4649.00ft
Project:	Weld County, CO NAD 83	MD Reference:	GL 4629' & KB 20' @ 4649.00ft
Site:	Wetco 4-63 4 SW Pad	North Reference:	True
Well:	Wetco 4-63-5-4033B	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.000	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.000	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.000	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.000	500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1.00									
600.00	1.00	261.461	599.99	-0.13	-0.86	0.86	1.00	1.00	0.00
700.00	2.00	261.461	699.96	-0.52	-3.45	3.44	1.00	1.00	0.00
800.00	3.00	261.461	799.86	-1.17	-7.77	7.75	1.00	1.00	0.00
900.00	4.00	261.461	899.68	-2.07	-13.80	13.77	1.00	1.00	0.00
1,000.00	5.00	261.461	999.37	-3.24	-21.56	21.51	1.00	1.00	0.00
Start 703.31 hold at 1000.00 MD									
1,100.00	5.00	261.461	1,098.99	-4.53	-30.18	30.11	0.00	0.00	0.00
1,200.00	5.00	261.461	1,198.60	-5.83	-38.80	38.71	0.00	0.00	0.00
1,300.00	5.00	261.461	1,298.22	-7.12	-47.42	47.30	0.00	0.00	0.00
1,400.00	5.00	261.461	1,397.84	-8.41	-56.04	55.90	0.00	0.00	0.00
1,500.00	5.00	261.461	1,497.46	-9.71	-64.66	64.50	0.00	0.00	0.00
1,600.00	5.00	261.461	1,597.08	-11.00	-73.27	73.10	0.00	0.00	0.00
1,700.00	5.00	261.461	1,696.70	-12.30	-81.89	81.70	0.00	0.00	0.00
1,703.31	5.00	261.461	1,700.00	-12.34	-82.18	81.98	0.00	0.00	0.00
Start DLS 2.00 TFO 0.00									
1,800.00	6.93	261.461	1,796.16	-13.83	-92.12	91.90	2.00	2.00	0.00
1,900.00	8.93	261.461	1,895.20	-15.88	-105.77	105.51	2.00	2.00	0.00
2,000.00	10.93	261.461	1,993.69	-18.44	-122.83	122.53	2.00	2.00	0.00
2,100.00	12.93	261.461	2,091.53	-21.51	-143.27	142.93	2.00	2.00	0.00
2,200.00	14.93	261.461	2,188.58	-25.09	-167.09	166.68	2.00	2.00	0.00
2,300.00	16.93	261.461	2,284.73	-29.16	-194.23	193.76	2.00	2.00	0.00
2,400.00	18.93	261.461	2,379.87	-33.73	-224.68	224.14	2.00	2.00	0.00
2,453.35	20.00	261.461	2,430.17	-36.37	-242.26	241.68	2.00	2.00	0.00
Start 559.62 hold at 2453.35 MD									
2,500.00	20.00	261.461	2,474.01	-38.74	-258.04	257.42	0.00	0.00	0.00
2,600.00	20.00	261.461	2,567.97	-43.82	-291.87	291.16	0.00	0.00	0.00
2,700.00	20.00	261.461	2,661.94	-48.90	-325.69	324.90	0.00	0.00	0.00
2,800.00	20.00	261.461	2,755.91	-53.98	-359.52	358.65	0.00	0.00	0.00
2,900.00	20.00	261.461	2,849.88	-59.06	-393.34	392.39	0.00	0.00	0.00
3,000.00	20.00	261.461	2,943.85	-64.14	-427.16	426.13	0.00	0.00	0.00
3,012.96	20.00	261.461	2,956.03	-64.79	-431.55	430.50	0.00	0.00	0.00
Start Drop -1.50									
3,100.00	18.70	261.461	3,038.15	-69.08	-460.06	458.95	1.50	-1.50	0.00
3,200.00	17.20	261.461	3,133.28	-73.65	-490.53	489.35	1.50	-1.50	0.00
3,300.00	15.70	261.461	3,229.19	-77.85	-518.53	517.27	1.50	-1.50	0.00
3,400.00	14.20	261.461	3,325.80	-81.68	-544.03	542.71	1.50	-1.50	0.00
3,500.00	12.70	261.461	3,423.06	-85.13	-567.02	565.65	1.50	-1.50	0.00
3,600.00	11.20	261.461	3,520.89	-88.21	-587.49	586.07	1.50	-1.50	0.00
3,700.00	9.70	261.461	3,619.23	-90.90	-605.42	603.95	1.50	-1.50	0.00
3,800.00	8.20	261.461	3,718.01	-93.21	-620.80	619.29	1.50	-1.50	0.00
3,900.00	6.70	261.461	3,817.17	-95.13	-633.61	632.08	1.50	-1.50	0.00
4,000.00	5.20	261.461	3,916.63	-96.67	-643.85	642.29	1.50	-1.50	0.00
4,100.00	3.70	261.461	4,016.32	-97.82	-651.52	649.94	1.50	-1.50	0.00
4,200.00	2.20	261.461	4,116.19	-98.58	-656.60	655.01	1.50	-1.50	0.00
4,300.00	0.70	261.461	4,216.15	-98.96	-659.09	657.50	1.50	-1.50	0.00
4,346.35	0.00	0.000	4,262.50	-99.00	-659.37	657.77	1.50	-1.50	0.00

Database:	Casper District	Local Co-ordinate Reference:	Well Wetco 4-63-5-4033B
Company:	HighPoint Resources	TVD Reference:	GL 4629' & KB 20' @ 4649.00ft
Project:	Weld County, CO NAD 83	MD Reference:	GL 4629' & KB 20' @ 4649.00ft
Site:	Wetco 4-63 4 SW Pad	North Reference:	True
Well:	Wetco 4-63-5-4033B	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Start 1578.57 hold at 4346.35 MD									
4,400.00	0.00	0.000	4,316.15	-99.00	-659.37	657.77	0.00	0.00	0.00
4,500.00	0.00	0.000	4,416.15	-99.00	-659.37	657.77	0.00	0.00	0.00
4,600.00	0.00	0.000	4,516.15	-99.00	-659.37	657.77	0.00	0.00	0.00
4,700.00	0.00	0.000	4,616.15	-99.00	-659.37	657.77	0.00	0.00	0.00
4,800.00	0.00	0.000	4,716.15	-99.00	-659.37	657.77	0.00	0.00	0.00
4,900.00	0.00	0.000	4,816.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,000.00	0.00	0.000	4,916.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,100.00	0.00	0.000	5,016.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,200.00	0.00	0.000	5,116.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,300.00	0.00	0.000	5,216.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,400.00	0.00	0.000	5,316.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,500.00	0.00	0.000	5,416.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,600.00	0.00	0.000	5,516.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,700.00	0.00	0.000	5,616.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,800.00	0.00	0.000	5,716.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,900.00	0.00	0.000	5,816.15	-99.00	-659.37	657.77	0.00	0.00	0.00
5,924.92	0.00	0.000	5,841.07	-99.00	-659.37	657.77	0.00	0.00	0.00
Start DLS 10.00 TFO 270.88									
6,000.00	7.51	270.879	5,915.94	-98.92	-664.28	662.69	10.00	10.00	0.00
6,100.00	17.51	270.879	6,013.44	-98.59	-685.91	684.32	10.00	10.00	0.00
6,200.00	27.51	270.879	6,105.71	-98.01	-724.14	722.55	10.00	10.00	0.00
6,300.00	37.51	270.879	6,189.93	-97.18	-777.81	776.22	10.00	10.00	0.00
6,400.00	47.51	270.879	6,263.55	-96.15	-845.28	843.71	10.00	10.00	0.00
6,500.00	57.51	270.879	6,324.34	-94.93	-924.52	922.95	10.00	10.00	0.00
6,600.00	67.51	270.879	6,370.45	-93.57	-1,013.10	1,011.55	10.00	10.00	0.00
6,700.00	77.51	270.879	6,400.46	-92.11	-1,108.34	1,106.80	10.00	10.00	0.00
6,800.00	87.51	270.879	6,413.49	-90.59	-1,207.35	1,205.82	10.00	10.00	0.00
6,819.48	89.46	270.879	6,414.00	-90.29	-1,226.82	1,225.29	10.00	10.00	0.00
Start 9483.73 hold at 6819.48 MD									
6,900.00	89.46	270.879	6,414.77	-89.06	-1,307.33	1,305.81	0.00	0.00	0.00
7,000.00	89.46	270.879	6,415.72	-87.53	-1,407.31	1,405.81	0.00	0.00	0.00
7,100.00	89.46	270.879	6,416.66	-85.99	-1,507.30	1,505.80	0.00	0.00	0.00
7,200.00	89.46	270.879	6,417.61	-84.46	-1,607.28	1,605.80	0.00	0.00	0.00
7,300.00	89.46	270.879	6,418.56	-82.92	-1,707.27	1,705.79	0.00	0.00	0.00
7,400.00	89.46	270.879	6,419.51	-81.39	-1,807.25	1,805.79	0.00	0.00	0.00
7,500.00	89.46	270.879	6,420.46	-79.86	-1,907.23	1,905.78	0.00	0.00	0.00
7,600.00	89.46	270.879	6,421.41	-78.32	-2,007.22	2,005.78	0.00	0.00	0.00
7,700.00	89.46	270.879	6,422.36	-76.79	-2,107.20	2,105.77	0.00	0.00	0.00
7,800.00	89.46	270.879	6,423.31	-75.26	-2,207.18	2,205.77	0.00	0.00	0.00
7,900.00	89.46	270.879	6,424.26	-73.72	-2,307.17	2,305.77	0.00	0.00	0.00
8,000.00	89.46	270.879	6,425.20	-72.19	-2,407.15	2,405.76	0.00	0.00	0.00
8,100.00	89.46	270.879	6,426.15	-70.65	-2,507.14	2,505.76	0.00	0.00	0.00
8,200.00	89.46	270.879	6,427.10	-69.12	-2,607.12	2,605.75	0.00	0.00	0.00
8,300.00	89.46	270.879	6,428.05	-67.59	-2,707.10	2,705.75	0.00	0.00	0.00
8,400.00	89.46	270.879	6,429.00	-66.05	-2,807.09	2,805.74	0.00	0.00	0.00
8,500.00	89.46	270.879	6,429.95	-64.52	-2,907.07	2,905.74	0.00	0.00	0.00
8,600.00	89.46	270.879	6,430.90	-62.98	-3,007.05	3,005.73	0.00	0.00	0.00
8,700.00	89.46	270.879	6,431.85	-61.45	-3,107.04	3,105.73	0.00	0.00	0.00
8,800.00	89.46	270.879	6,432.80	-59.92	-3,207.02	3,205.73	0.00	0.00	0.00
8,900.00	89.46	270.879	6,433.75	-58.38	-3,307.01	3,305.72	0.00	0.00	0.00
9,000.00	89.46	270.879	6,434.69	-56.85	-3,406.99	3,405.72	0.00	0.00	0.00
9,100.00	89.46	270.879	6,435.64	-55.32	-3,506.97	3,505.71	0.00	0.00	0.00

Database:	Casper District	Local Co-ordinate Reference:	Well Wetco 4-63-5-4033B
Company:	HighPoint Resources	TVD Reference:	GL 4629' & KB 20' @ 4649.00ft
Project:	Weld County, CO NAD 83	MD Reference:	GL 4629' & KB 20' @ 4649.00ft
Site:	Wetco 4-63 4 SW Pad	North Reference:	True
Well:	Wetco 4-63-5-4033B	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,200.00	89.46	270.879	6,436.59	-53.78	-3,606.96	3,605.71	0.00	0.00	0.00
9,300.00	89.46	270.879	6,437.54	-52.25	-3,706.94	3,705.70	0.00	0.00	0.00
9,400.00	89.46	270.879	6,438.49	-50.71	-3,806.92	3,805.70	0.00	0.00	0.00
9,500.00	89.46	270.879	6,439.44	-49.18	-3,906.91	3,905.69	0.00	0.00	0.00
9,600.00	89.46	270.879	6,440.39	-47.65	-4,006.89	4,005.69	0.00	0.00	0.00
9,700.00	89.46	270.879	6,441.34	-46.11	-4,106.88	4,105.68	0.00	0.00	0.00
9,800.00	89.46	270.879	6,442.29	-44.58	-4,206.86	4,205.68	0.00	0.00	0.00
9,900.00	89.46	270.879	6,443.24	-43.04	-4,306.84	4,305.68	0.00	0.00	0.00
10,000.00	89.46	270.879	6,444.18	-41.51	-4,406.83	4,405.67	0.00	0.00	0.00
10,100.00	89.46	270.879	6,445.13	-39.98	-4,506.81	4,505.67	0.00	0.00	0.00
10,200.00	89.46	270.879	6,446.08	-38.44	-4,606.79	4,605.66	0.00	0.00	0.00
10,300.00	89.46	270.879	6,447.03	-36.91	-4,706.78	4,705.66	0.00	0.00	0.00
10,400.00	89.46	270.879	6,447.98	-35.38	-4,806.76	4,805.65	0.00	0.00	0.00
10,500.00	89.46	270.879	6,448.93	-33.84	-4,906.75	4,905.65	0.00	0.00	0.00
10,600.00	89.46	270.879	6,449.88	-32.31	-5,006.73	5,005.64	0.00	0.00	0.00
10,700.00	89.46	270.879	6,450.83	-30.77	-5,106.71	5,105.64	0.00	0.00	0.00
10,800.00	89.46	270.879	6,451.78	-29.24	-5,206.70	5,205.64	0.00	0.00	0.00
10,900.00	89.46	270.879	6,452.73	-27.71	-5,306.68	5,305.63	0.00	0.00	0.00
11,000.00	89.46	270.879	6,453.67	-26.17	-5,406.66	5,405.63	0.00	0.00	0.00
11,100.00	89.46	270.879	6,454.62	-24.64	-5,506.65	5,505.62	0.00	0.00	0.00
11,200.00	89.46	270.879	6,455.57	-23.10	-5,606.63	5,605.62	0.00	0.00	0.00
11,300.00	89.46	270.879	6,456.52	-21.57	-5,706.61	5,705.61	0.00	0.00	0.00
11,400.00	89.46	270.879	6,457.47	-20.04	-5,806.60	5,805.61	0.00	0.00	0.00
11,500.00	89.46	270.879	6,458.42	-18.50	-5,906.58	5,905.60	0.00	0.00	0.00
11,600.00	89.46	270.879	6,459.37	-16.97	-6,006.57	6,005.60	0.00	0.00	0.00
11,700.00	89.46	270.879	6,460.32	-15.44	-6,106.55	6,105.59	0.00	0.00	0.00
11,800.00	89.46	270.879	6,461.27	-13.90	-6,206.53	6,205.59	0.00	0.00	0.00
11,900.00	89.46	270.879	6,462.21	-12.37	-6,306.52	6,305.59	0.00	0.00	0.00
12,000.00	89.46	270.879	6,463.16	-10.83	-6,406.50	6,405.58	0.00	0.00	0.00
12,100.00	89.46	270.879	6,464.11	-9.30	-6,506.48	6,505.58	0.00	0.00	0.00
12,200.00	89.46	270.879	6,465.06	-7.77	-6,606.47	6,605.57	0.00	0.00	0.00
12,300.00	89.46	270.879	6,466.01	-6.23	-6,706.45	6,705.57	0.00	0.00	0.00
12,400.00	89.46	270.879	6,466.96	-4.70	-6,806.44	6,805.56	0.00	0.00	0.00
12,500.00	89.46	270.879	6,467.91	-3.16	-6,906.42	6,905.56	0.00	0.00	0.00
12,600.00	89.46	270.879	6,468.86	-1.63	-7,006.40	7,005.55	0.00	0.00	0.00
12,700.00	89.46	270.879	6,469.81	-0.10	-7,106.39	7,105.55	0.00	0.00	0.00
12,800.00	89.46	270.879	6,470.76	1.44	-7,206.37	7,205.55	0.00	0.00	0.00
12,900.00	89.46	270.879	6,471.70	2.97	-7,306.35	7,305.54	0.00	0.00	0.00
13,000.00	89.46	270.879	6,472.65	4.50	-7,406.34	7,405.54	0.00	0.00	0.00
13,100.00	89.46	270.879	6,473.60	6.04	-7,506.32	7,505.53	0.00	0.00	0.00
13,200.00	89.46	270.879	6,474.55	7.57	-7,606.31	7,605.53	0.00	0.00	0.00
13,300.00	89.46	270.879	6,475.50	9.11	-7,706.29	7,705.52	0.00	0.00	0.00
13,400.00	89.46	270.879	6,476.45	10.64	-7,806.27	7,805.52	0.00	0.00	0.00
13,500.00	89.46	270.879	6,477.40	12.17	-7,906.26	7,905.51	0.00	0.00	0.00
13,600.00	89.46	270.879	6,478.35	13.71	-8,006.24	8,005.51	0.00	0.00	0.00
13,700.00	89.46	270.879	6,479.30	15.24	-8,106.22	8,105.50	0.00	0.00	0.00
13,800.00	89.46	270.879	6,480.25	16.78	-8,206.21	8,205.50	0.00	0.00	0.00
13,900.00	89.46	270.879	6,481.19	18.31	-8,306.19	8,305.50	0.00	0.00	0.00
14,000.00	89.46	270.879	6,482.14	19.84	-8,406.18	8,405.49	0.00	0.00	0.00
14,100.00	89.46	270.879	6,483.09	21.38	-8,506.16	8,505.49	0.00	0.00	0.00
14,200.00	89.46	270.879	6,484.04	22.91	-8,606.14	8,605.48	0.00	0.00	0.00
14,300.00	89.46	270.879	6,484.99	24.44	-8,706.13	8,705.48	0.00	0.00	0.00
14,400.00	89.46	270.879	6,485.94	25.98	-8,806.11	8,805.47	0.00	0.00	0.00
14,500.00	89.46	270.879	6,486.89	27.51	-8,906.09	8,905.47	0.00	0.00	0.00

Database:	Casper District	Local Co-ordinate Reference:	Well Wetco 4-63-5-4033B
Company:	HighPoint Resources	TVD Reference:	GL 4629' & KB 20' @ 4649.00ft
Project:	Weld County, CO NAD 83	MD Reference:	GL 4629' & KB 20' @ 4649.00ft
Site:	Wetco 4-63 4 SW Pad	North Reference:	True
Well:	Wetco 4-63-5-4033B	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
14,600.00	89.46	270.879	6,487.84	29.05	-9,006.08	9,005.46	0.00	0.00	0.00
14,700.00	89.46	270.879	6,488.79	30.58	-9,106.06	9,105.46	0.00	0.00	0.00
14,800.00	89.46	270.879	6,489.74	32.11	-9,206.05	9,205.46	0.00	0.00	0.00
14,900.00	89.46	270.879	6,490.68	33.65	-9,306.03	9,305.45	0.00	0.00	0.00
15,000.00	89.46	270.879	6,491.63	35.18	-9,406.01	9,405.45	0.00	0.00	0.00
15,100.00	89.46	270.879	6,492.58	36.72	-9,506.00	9,505.44	0.00	0.00	0.00
15,200.00	89.46	270.879	6,493.53	38.25	-9,605.98	9,605.44	0.00	0.00	0.00
15,300.00	89.46	270.879	6,494.48	39.78	-9,705.96	9,705.43	0.00	0.00	0.00
15,400.00	89.46	270.879	6,495.43	41.32	-9,805.95	9,805.43	0.00	0.00	0.00
15,500.00	89.46	270.879	6,496.38	42.85	-9,905.93	9,905.42	0.00	0.00	0.00
15,600.00	89.46	270.879	6,497.33	44.38	-10,005.92	10,005.42	0.00	0.00	0.00
15,700.00	89.46	270.879	6,498.28	45.92	-10,105.90	10,105.41	0.00	0.00	0.00
15,800.00	89.46	270.879	6,499.22	47.45	-10,205.88	10,205.41	0.00	0.00	0.00
15,900.00	89.46	270.879	6,500.17	48.99	-10,305.87	10,305.41	0.00	0.00	0.00
16,000.00	89.46	270.879	6,501.12	50.52	-10,405.85	10,405.40	0.00	0.00	0.00
16,100.00	89.46	270.879	6,502.07	52.05	-10,505.83	10,505.40	0.00	0.00	0.00
16,200.00	89.46	270.879	6,503.02	53.59	-10,605.82	10,605.39	0.00	0.00	0.00
16,300.00	89.46	270.879	6,503.97	55.12	-10,705.80	10,705.39	0.00	0.00	0.00
16,303.21	89.46	270.879	6,504.00	55.17	-10,709.01	10,708.60	0.00	0.00	0.00
TD at 16303.21									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Wetco 4-63-5-4033B LP	0.00	0.000	6,414.00	-90.29	-1,226.82	1,368,304.75	3,291,542.23	40° 20' 22.841 N	104° 27' 14.814 W
- plan misses target center by 0.01ft at 6819.47ft MD (6414.00 TVD, -90.29 N, -1226.82 E)									
- Point									
Wetco 4-63-5-4033B PB	0.00	0.000	6,504.00	55.17	-10,709.01	1,368,337.89	3,282,059.00	40° 20' 24.256 N	104° 29' 17.272 W
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
500.00	500.00	0.00	0.00	Start Build 1.00
1,000.00	999.37	-3.24	-21.56	Start 703.31 hold at 1000.00 MD
1,703.31	1,700.00	-12.34	-82.18	Start DLS 2.00 TFO 0.00
2,453.35	2,430.17	-36.37	-242.26	Start 559.62 hold at 2453.35 MD
3,012.96	2,956.03	-64.79	-431.55	Start Drop -1.50
4,346.35	4,262.50	-99.00	-659.37	Start 1578.57 hold at 4346.35 MD
5,924.92	5,841.07	-99.00	-659.37	Start DLS 10.00 TFO 270.88
6,819.48	6,414.00	-90.29	-1,226.82	Start 9483.73 hold at 6819.48 MD
16,303.21	6,504.00	55.17	-10,709.01	TD at 16303.21