

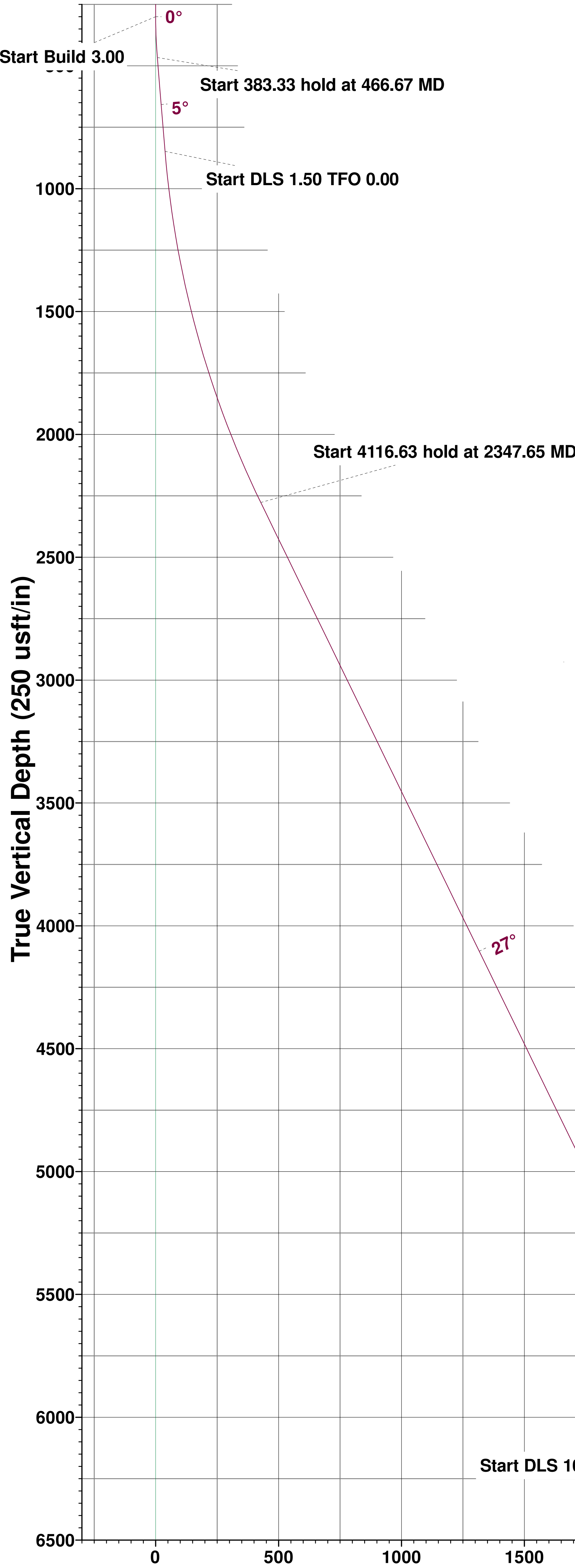


PROJECT DETAILS: Weld County, CO (NAD83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level
Local North: True

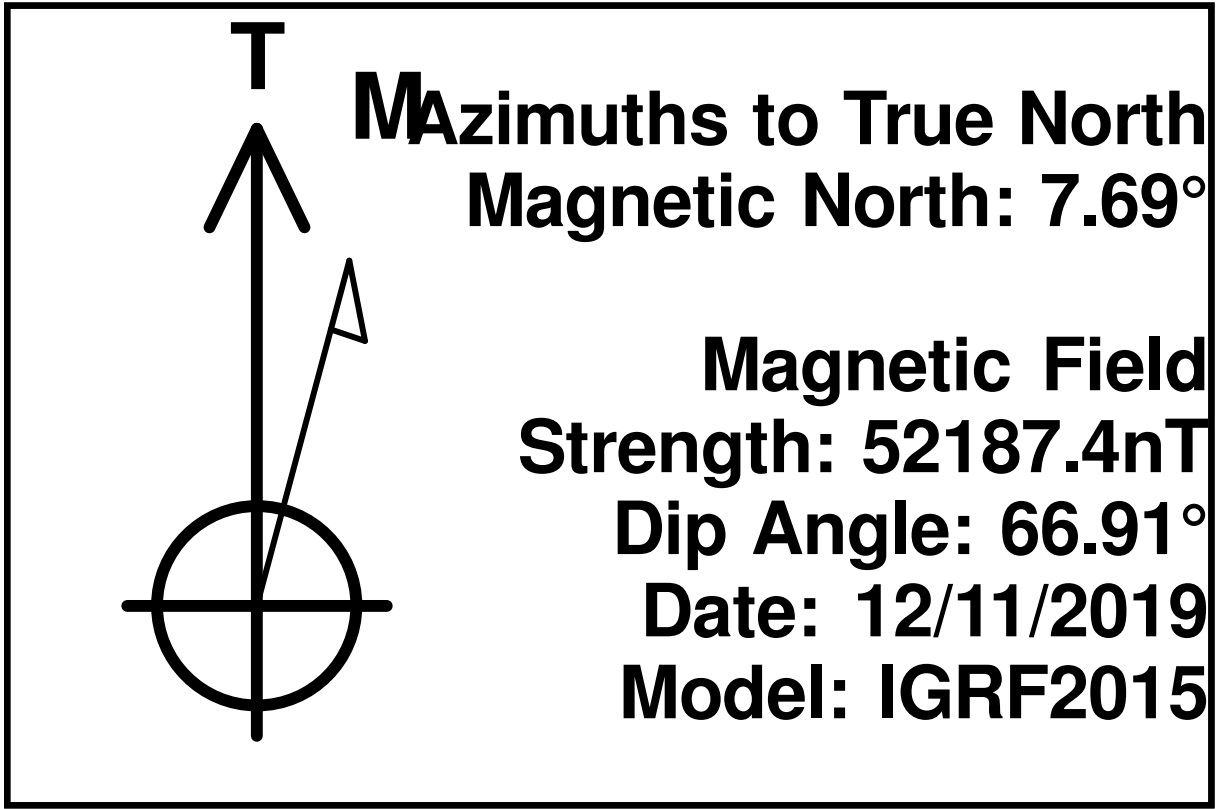
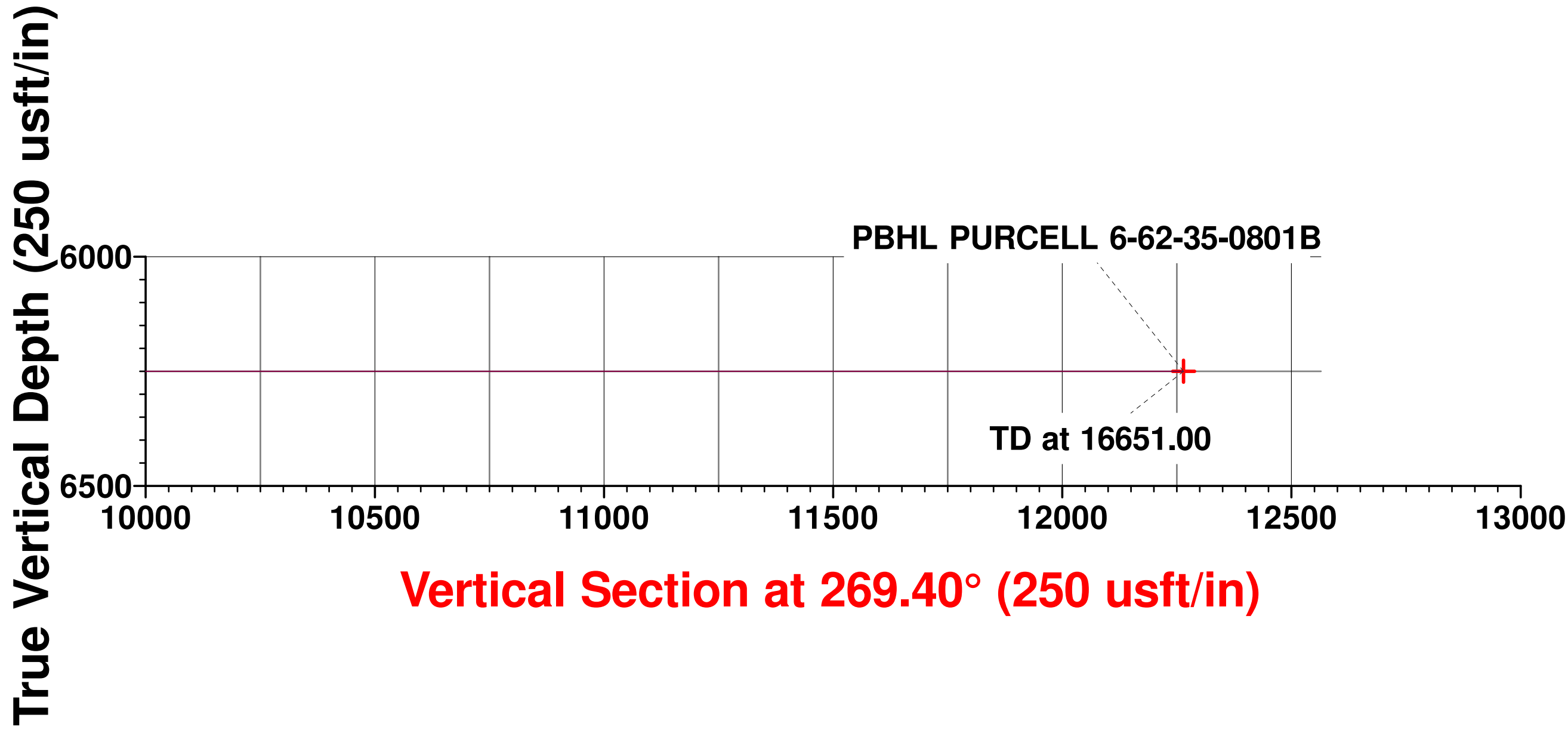
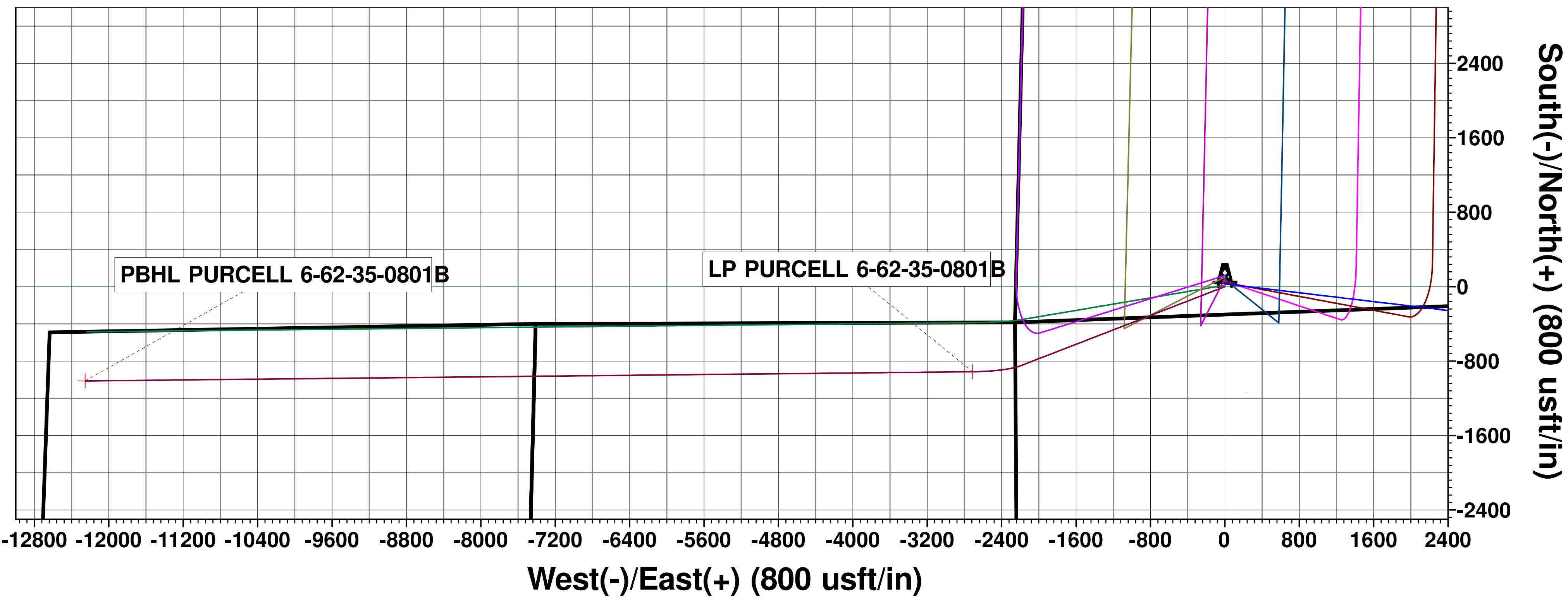
HighPoint Resources
Project: Weld County, CO (NAD83)
Site: Sec 25-T06W-R62W
Well: PURCELL 6-62-35-0801B
Wellbore: Wellbore #1
Plan: Plan #1 (PURCELL 6-62-35-0801B/Wellbore #1)
Cade 23

WELL DETAILS: PURCELL 6-62-35-0801B

Ground Elevation:: 4666.70
RKB Elevation: KB @ 4683.20usft (Cade 23)
Rig Name: Cade 23



ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	Start Build 3.00	
466.67	5.00	248.84	466.46	-2.62	-6.78	6.80	7.27	Start 383.33 hold at 466.67 MD	
850.00	5.00	248.84	848.33	-14.68	-37.93	38.09	40.68	Start DLS 1.50 TFO 0.00	
2347.65	27.46	248.84	2277.08	-164.82	-425.86	427.57	456.64	Start 4116.63 hold at 2347.65 MD	
6464.28	27.46	248.84	5929.75	-850.05	-2196.50	2205.28	2355.24	Start DLS 10.00 TFO 22.92	
7108.45	90.00	269.40	6250.00	-913.87	-2712.65	2722.07	2877.33	Start 9542.55 hold at 7108.45 MD	
16651.00	90.00	269.40	6250.00	-1012.98	-12254.68	12264.62	12419.88	TD at 16651.00	



Vertical Section at 269.40° (250 usft/in)

HighPoint Resources

Weld County, CO (NAD83)

Sec 25-T06W-R62W

PURCELL 6-62-35-0801B

Wellbore #1

Plan: Plan #1

Standard Planning Report

20 December, 2019

Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well PURCELL 6-62-35-0801B
Company:	HighPoint Resources	TVD Reference:	KB @ 4683.20usft (Cade 23)
Project:	Weld County, CO (NAD83)	MD Reference:	KB @ 4683.20usft (Cade 23)
Site:	Sec 25-T06W-R62W	North Reference:	True
Well:	PURCELL 6-62-35-0801B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Project	Weld County, CO (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		Sec 25-T06W-R62W			
Site Position:		Northing:	1,409,572.50 usft	Latitude:	40.451278
From:	Map	Easting:	3,339,223.85 usft	Longitude:	-104.281046
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.79 °

Well	PURCELL 6-62-35-0801B					
Well Position	+N/-S	383.70 usft	Northing:	1,409,987.18 usft	Latitude:	40.452331
	+E/-W	2,256.42 usft	Easting:	3,341,474.78 usft	Longitude:	-104.272938
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	4,666.70 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/11/2019	7.69	66.91	52,187.38210110

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	269.40

Plan Survey Tool Program	Date	12/20/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	16,651.00	Plan #1 (Wellbore #1)	MWD
				MWD - Standard

Plan Sections										
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	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
466.67	5.00	248.84	466.46	-2.62	-6.78	3.00	3.00	0.00	248.84	
850.00	5.00	248.84	848.33	-14.68	-37.93	0.00	0.00	0.00	0.00	
2,347.65	27.46	248.84	2,277.08	-164.82	-425.86	1.50	1.50	0.00	0.00	
6,464.28	27.46	248.84	5,929.75	-850.05	-2,196.50	0.00	0.00	0.00	0.00	
7,108.45	90.00	269.40	6,250.00	-913.87	-2,712.65	10.00	9.71	3.19	22.92	LP PURCELL 6-62-35
16,651.00	90.00	269.40	6,250.00	-1,012.98	-12,254.68	0.00	0.00	0.00	0.00	PBHL PURCELL 6-62

Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well PURCELL 6-62-35-0801B
Company:	HighPoint Resources	TVD Reference:	KB @ 4683.20usft (Cade 23)
Project:	Weld County, CO (NAD83)	MD Reference:	KB @ 4683.20usft (Cade 23)
Site:	Sec 25-T06W-R62W	North Reference:	True
Well:	PURCELL 6-62-35-0801B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #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
Start Build 3.00									
400.00	3.00	248.84	399.95	-0.94	-2.44	2.45	3.00	3.00	0.00
466.67	5.00	248.84	466.46	-2.62	-6.78	6.80	3.00	3.00	0.00
Start 383.33 hold at 466.67 MD									
500.00	5.00	248.84	499.66	-3.67	-9.49	9.52	0.00	0.00	0.00
600.00	5.00	248.84	599.28	-6.82	-17.61	17.69	0.00	0.00	0.00
700.00	5.00	248.84	698.90	-9.96	-25.74	25.85	0.00	0.00	0.00
800.00	5.00	248.84	798.52	-13.11	-33.87	34.01	0.00	0.00	0.00
850.00	5.00	248.84	848.33	-14.68	-37.93	38.09	0.00	0.00	0.00
Start DLS 1.50 TFO 0.00									
900.00	5.75	248.84	898.11	-16.37	-42.30	42.47	1.50	1.50	0.00
1,000.00	7.25	248.84	997.46	-20.46	-52.86	53.07	1.50	1.50	0.00
1,100.00	8.75	248.84	1,096.49	-25.48	-65.84	66.10	1.50	1.50	0.00
1,200.00	10.25	248.84	1,195.11	-31.44	-81.23	81.55	1.50	1.50	0.00
1,300.00	11.75	248.84	1,293.27	-38.33	-99.02	99.42	1.50	1.50	0.00
1,400.00	13.25	248.84	1,390.90	-46.14	-119.21	119.69	1.50	1.50	0.00
1,500.00	14.75	248.84	1,487.93	-54.87	-141.77	142.34	1.50	1.50	0.00
1,600.00	16.25	248.84	1,584.29	-64.52	-166.69	167.36	1.50	1.50	0.00
1,700.00	17.75	248.84	1,679.92	-75.07	-193.96	194.73	1.50	1.50	0.00
1,800.00	19.25	248.84	1,774.74	-86.52	-223.55	224.44	1.50	1.50	0.00
1,900.00	20.75	248.84	1,868.71	-98.86	-255.44	256.46	1.50	1.50	0.00
2,000.00	22.25	248.84	1,961.75	-112.09	-289.62	290.78	1.50	1.50	0.00
2,100.00	23.75	248.84	2,053.80	-126.19	-326.06	327.36	1.50	1.50	0.00
2,200.00	25.25	248.84	2,144.79	-141.16	-364.73	366.19	1.50	1.50	0.00
2,300.00	26.75	248.84	2,234.67	-156.98	-405.62	407.24	1.50	1.50	0.00
2,347.65	27.46	248.84	2,277.08	-164.82	-425.86	427.57	1.50	1.50	0.00
Start 4116.63 hold at 2347.65 MD									
2,400.00	27.46	248.84	2,323.53	-173.53	-448.38	450.17	0.00	0.00	0.00
2,500.00	27.46	248.84	2,412.26	-190.18	-491.39	493.36	0.00	0.00	0.00
2,600.00	27.46	248.84	2,500.99	-206.82	-534.40	536.54	0.00	0.00	0.00
2,700.00	27.46	248.84	2,589.72	-223.47	-577.42	579.72	0.00	0.00	0.00
2,800.00	27.46	248.84	2,678.45	-240.11	-620.43	622.91	0.00	0.00	0.00
2,900.00	27.46	248.84	2,767.18	-256.76	-663.44	666.09	0.00	0.00	0.00
3,000.00	27.46	248.84	2,855.91	-273.40	-706.45	709.27	0.00	0.00	0.00
3,100.00	27.46	248.84	2,944.64	-290.05	-749.46	752.46	0.00	0.00	0.00
3,200.00	27.46	248.84	3,033.37	-306.69	-792.47	795.64	0.00	0.00	0.00
3,300.00	27.46	248.84	3,122.10	-323.34	-835.49	838.83	0.00	0.00	0.00
3,400.00	27.46	248.84	3,210.83	-339.98	-878.50	882.01	0.00	0.00	0.00
3,500.00	27.46	248.84	3,299.56	-356.63	-921.51	925.19	0.00	0.00	0.00
3,600.00	27.46	248.84	3,388.29	-373.28	-964.52	968.38	0.00	0.00	0.00
3,700.00	27.46	248.84	3,477.02	-389.92	-1,007.53	1,011.56	0.00	0.00	0.00
3,800.00	27.46	248.84	3,565.75	-406.57	-1,050.54	1,054.74	0.00	0.00	0.00
3,900.00	27.46	248.84	3,654.48	-423.21	-1,093.56	1,097.93	0.00	0.00	0.00
4,000.00	27.46	248.84	3,743.21	-439.86	-1,136.57	1,141.11	0.00	0.00	0.00
4,100.00	27.46	248.84	3,831.94	-456.50	-1,179.58	1,184.29	0.00	0.00	0.00
4,200.00	27.46	248.84	3,920.67	-473.15	-1,222.59	1,227.48	0.00	0.00	0.00
4,300.00	27.46	248.84	4,009.39	-489.79	-1,265.60	1,270.66	0.00	0.00	0.00
4,400.00	27.46	248.84	4,098.12	-506.44	-1,308.61	1,313.85	0.00	0.00	0.00
4,500.00	27.46	248.84	4,186.85	-523.08	-1,351.63	1,357.03	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well PURCELL 6-62-35-0801B
Company:	HighPoint Resources	TVD Reference:	KB @ 4683.20usft (Cade 23)
Project:	Weld County, CO (NAD83)	MD Reference:	KB @ 4683.20usft (Cade 23)
Site:	Sec 25-T06W-R62W	North Reference:	True
Well:	PURCELL 6-62-35-0801B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #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)
4,600.00	27.46	248.84	4,275.58	-539.73	-1,394.64	1,400.21	0.00	0.00	0.00
4,700.00	27.46	248.84	4,364.31	-556.38	-1,437.65	1,443.40	0.00	0.00	0.00
4,800.00	27.46	248.84	4,453.04	-573.02	-1,480.66	1,486.58	0.00	0.00	0.00
4,900.00	27.46	248.84	4,541.77	-589.67	-1,523.67	1,529.76	0.00	0.00	0.00
5,000.00	27.46	248.84	4,630.50	-606.31	-1,566.68	1,572.95	0.00	0.00	0.00
5,100.00	27.46	248.84	4,719.23	-622.96	-1,609.70	1,616.13	0.00	0.00	0.00
5,200.00	27.46	248.84	4,807.96	-639.60	-1,652.71	1,659.31	0.00	0.00	0.00
5,300.00	27.46	248.84	4,896.69	-656.25	-1,695.72	1,702.50	0.00	0.00	0.00
5,400.00	27.46	248.84	4,985.42	-672.89	-1,738.73	1,745.68	0.00	0.00	0.00
5,500.00	27.46	248.84	5,074.15	-689.54	-1,781.74	1,788.87	0.00	0.00	0.00
5,600.00	27.46	248.84	5,162.88	-706.18	-1,824.75	1,832.05	0.00	0.00	0.00
5,700.00	27.46	248.84	5,251.61	-722.83	-1,867.77	1,875.23	0.00	0.00	0.00
5,800.00	27.46	248.84	5,340.34	-739.47	-1,910.78	1,918.42	0.00	0.00	0.00
5,900.00	27.46	248.84	5,429.07	-756.12	-1,953.79	1,961.60	0.00	0.00	0.00
6,000.00	27.46	248.84	5,517.80	-772.77	-1,996.80	2,004.78	0.00	0.00	0.00
6,100.00	27.46	248.84	5,606.53	-789.41	-2,039.81	2,047.97	0.00	0.00	0.00
6,200.00	27.46	248.84	5,695.26	-806.06	-2,082.82	2,091.15	0.00	0.00	0.00
6,300.00	27.46	248.84	5,783.98	-822.70	-2,125.84	2,134.33	0.00	0.00	0.00
6,400.00	27.46	248.84	5,872.71	-839.35	-2,168.85	2,177.52	0.00	0.00	0.00
6,464.28	27.46	248.84	5,929.75	-850.05	-2,196.50	2,205.28	0.00	0.00	0.00
Start DLS 10.00 TFO 22.92									
6,500.00	30.78	251.56	5,960.95	-855.91	-2,212.85	2,221.70	10.00	9.29	7.61
6,550.00	35.50	254.58	6,002.81	-863.83	-2,239.01	2,247.93	10.00	9.44	6.04
6,600.00	40.29	256.97	6,042.25	-871.34	-2,268.77	2,277.77	10.00	9.56	4.78
6,650.00	45.11	258.93	6,078.99	-878.39	-2,301.92	2,310.99	10.00	9.64	3.92
6,700.00	49.96	260.58	6,112.74	-884.93	-2,338.20	2,347.34	10.00	9.70	3.31
6,750.00	54.83	262.01	6,143.25	-890.90	-2,377.35	2,386.55	10.00	9.74	2.87
6,800.00	59.71	263.28	6,170.28	-896.27	-2,419.05	2,428.30	10.00	9.77	2.54
6,850.00	64.61	264.43	6,193.62	-900.99	-2,462.99	2,472.29	10.00	9.79	2.30
6,900.00	69.51	265.49	6,213.11	-905.02	-2,508.85	2,518.19	10.00	9.81	2.12
6,950.00	74.42	266.49	6,228.58	-908.34	-2,556.26	2,565.63	10.00	9.82	1.99
7,000.00	79.33	267.43	6,239.93	-910.92	-2,604.87	2,614.26	10.00	9.83	1.89
7,050.00	84.25	268.35	6,247.07	-912.73	-2,654.31	2,663.72	10.00	9.83	1.83
7,100.00	89.17	269.25	6,249.94	-913.78	-2,704.20	2,713.62	10.00	9.84	1.80
7,108.45	90.00	269.40	6,250.00	-913.87	-2,712.65	2,722.07	10.00	9.84	1.80
Start 9542.55 hold at 7108.45 MD									
7,200.00	90.00	269.40	6,250.00	-914.83	-2,804.19	2,813.62	0.00	0.00	0.00
7,300.00	90.00	269.40	6,250.00	-915.86	-2,904.19	2,913.62	0.00	0.00	0.00
7,400.00	90.00	269.40	6,250.00	-916.90	-3,004.18	3,013.62	0.00	0.00	0.00
7,500.00	90.00	269.40	6,250.00	-917.94	-3,104.18	3,113.62	0.00	0.00	0.00
7,600.00	90.00	269.40	6,250.00	-918.98	-3,204.17	3,213.62	0.00	0.00	0.00
7,700.00	90.00	269.40	6,250.00	-920.02	-3,304.17	3,313.62	0.00	0.00	0.00
7,800.00	90.00	269.40	6,250.00	-921.06	-3,404.16	3,413.62	0.00	0.00	0.00
7,900.00	90.00	269.40	6,250.00	-922.10	-3,504.15	3,513.62	0.00	0.00	0.00
8,000.00	90.00	269.40	6,250.00	-923.13	-3,604.15	3,613.62	0.00	0.00	0.00
8,100.00	90.00	269.40	6,250.00	-924.17	-3,704.14	3,713.62	0.00	0.00	0.00
8,200.00	90.00	269.40	6,250.00	-925.21	-3,804.14	3,813.62	0.00	0.00	0.00
8,300.00	90.00	269.40	6,250.00	-926.25	-3,904.13	3,913.62	0.00	0.00	0.00
8,400.00	90.00	269.40	6,250.00	-927.29	-4,004.13	4,013.62	0.00	0.00	0.00
8,500.00	90.00	269.40	6,250.00	-928.33	-4,104.12	4,113.62	0.00	0.00	0.00
8,600.00	90.00	269.40	6,250.00	-929.37	-4,204.12	4,213.62	0.00	0.00	0.00
8,700.00	90.00	269.40	6,250.00	-930.40	-4,304.11	4,313.62	0.00	0.00	0.00
8,800.00	90.00	269.40	6,250.00	-931.44	-4,404.11	4,413.62	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well PURCELL 6-62-35-0801B
Company:	HighPoint Resources	TVD Reference:	KB @ 4683.20usft (Cade 23)
Project:	Weld County, CO (NAD83)	MD Reference:	KB @ 4683.20usft (Cade 23)
Site:	Sec 25-T06W-R62W	North Reference:	True
Well:	PURCELL 6-62-35-0801B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #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)
8,900.00	90.00	269.40	6,250.00	-932.48	-4,504.10	4,513.62	0.00	0.00	0.00
9,000.00	90.00	269.40	6,250.00	-933.52	-4,604.09	4,613.62	0.00	0.00	0.00
9,100.00	90.00	269.40	6,250.00	-934.56	-4,704.09	4,713.62	0.00	0.00	0.00
9,200.00	90.00	269.40	6,250.00	-935.60	-4,804.08	4,813.62	0.00	0.00	0.00
9,300.00	90.00	269.40	6,250.00	-936.64	-4,904.08	4,913.62	0.00	0.00	0.00
9,400.00	90.00	269.40	6,250.00	-937.67	-5,004.07	5,013.62	0.00	0.00	0.00
9,500.00	90.00	269.40	6,250.00	-938.71	-5,104.07	5,113.62	0.00	0.00	0.00
9,600.00	90.00	269.40	6,250.00	-939.75	-5,204.06	5,213.62	0.00	0.00	0.00
9,700.00	90.00	269.40	6,250.00	-940.79	-5,304.06	5,313.62	0.00	0.00	0.00
9,800.00	90.00	269.40	6,250.00	-941.83	-5,404.05	5,413.62	0.00	0.00	0.00
9,900.00	90.00	269.40	6,250.00	-942.87	-5,504.05	5,513.62	0.00	0.00	0.00
10,000.00	90.00	269.40	6,250.00	-943.91	-5,604.04	5,613.62	0.00	0.00	0.00
10,100.00	90.00	269.40	6,250.00	-944.95	-5,704.04	5,713.62	0.00	0.00	0.00
10,200.00	90.00	269.40	6,250.00	-945.98	-5,804.03	5,813.62	0.00	0.00	0.00
10,300.00	90.00	269.40	6,250.00	-947.02	-5,904.02	5,913.62	0.00	0.00	0.00
10,400.00	90.00	269.40	6,250.00	-948.06	-6,004.02	6,013.62	0.00	0.00	0.00
10,500.00	90.00	269.40	6,250.00	-949.10	-6,104.01	6,113.62	0.00	0.00	0.00
10,600.00	90.00	269.40	6,250.00	-950.14	-6,204.01	6,213.62	0.00	0.00	0.00
10,700.00	90.00	269.40	6,250.00	-951.18	-6,304.00	6,313.62	0.00	0.00	0.00
10,800.00	90.00	269.40	6,250.00	-952.22	-6,404.00	6,413.62	0.00	0.00	0.00
10,900.00	90.00	269.40	6,250.00	-953.25	-6,503.99	6,513.62	0.00	0.00	0.00
11,000.00	90.00	269.40	6,250.00	-954.29	-6,603.99	6,613.62	0.00	0.00	0.00
11,100.00	90.00	269.40	6,250.00	-955.33	-6,703.98	6,713.62	0.00	0.00	0.00
11,200.00	90.00	269.40	6,250.00	-956.37	-6,803.98	6,813.62	0.00	0.00	0.00
11,300.00	90.00	269.40	6,250.00	-957.41	-6,903.97	6,913.62	0.00	0.00	0.00
11,400.00	90.00	269.40	6,250.00	-958.45	-7,003.97	7,013.62	0.00	0.00	0.00
11,500.00	90.00	269.40	6,250.00	-959.49	-7,103.96	7,113.62	0.00	0.00	0.00
11,600.00	90.00	269.40	6,250.00	-960.52	-7,203.95	7,213.62	0.00	0.00	0.00
11,700.00	90.00	269.40	6,250.00	-961.56	-7,303.95	7,313.62	0.00	0.00	0.00
11,800.00	90.00	269.40	6,250.00	-962.60	-7,403.94	7,413.62	0.00	0.00	0.00
11,900.00	90.00	269.40	6,250.00	-963.64	-7,503.94	7,513.62	0.00	0.00	0.00
12,000.00	90.00	269.40	6,250.00	-964.68	-7,603.93	7,613.62	0.00	0.00	0.00
12,100.00	90.00	269.40	6,250.00	-965.72	-7,703.93	7,713.62	0.00	0.00	0.00
12,200.00	90.00	269.40	6,250.00	-966.76	-7,803.92	7,813.62	0.00	0.00	0.00
12,300.00	90.00	269.40	6,250.00	-967.79	-7,903.92	7,913.62	0.00	0.00	0.00
12,400.00	90.00	269.40	6,250.00	-968.83	-8,003.91	8,013.62	0.00	0.00	0.00
12,500.00	90.00	269.40	6,250.00	-969.87	-8,103.91	8,113.62	0.00	0.00	0.00
12,600.00	90.00	269.40	6,250.00	-970.91	-8,203.90	8,213.62	0.00	0.00	0.00
12,700.00	90.00	269.40	6,250.00	-971.95	-8,303.90	8,313.62	0.00	0.00	0.00
12,800.00	90.00	269.40	6,250.00	-972.99	-8,403.89	8,413.62	0.00	0.00	0.00
12,900.00	90.00	269.40	6,250.00	-974.03	-8,503.88	8,513.62	0.00	0.00	0.00
13,000.00	90.00	269.40	6,250.00	-975.07	-8,603.88	8,613.62	0.00	0.00	0.00
13,100.00	90.00	269.40	6,250.00	-976.10	-8,703.87	8,713.62	0.00	0.00	0.00
13,200.00	90.00	269.40	6,250.00	-977.14	-8,803.87	8,813.62	0.00	0.00	0.00
13,300.00	90.00	269.40	6,250.00	-978.18	-8,903.86	8,913.62	0.00	0.00	0.00
13,400.00	90.00	269.40	6,250.00	-979.22	-9,003.86	9,013.62	0.00	0.00	0.00
13,500.00	90.00	269.40	6,250.00	-980.26	-9,103.85	9,113.62	0.00	0.00	0.00
13,600.00	90.00	269.40	6,250.00	-981.30	-9,203.85	9,213.62	0.00	0.00	0.00
13,700.00	90.00	269.40	6,250.00	-982.34	-9,303.84	9,313.62	0.00	0.00	0.00
13,800.00	90.00	269.40	6,250.00	-983.37	-9,403.84	9,413.62	0.00	0.00	0.00
13,900.00	90.00	269.40	6,250.00	-984.41	-9,503.83	9,513.62	0.00	0.00	0.00
14,000.00	90.00	269.40	6,250.00	-985.45	-9,603.83	9,613.62	0.00	0.00	0.00
14,100.00	90.00	269.40	6,250.00	-986.49	-9,703.82	9,713.62	0.00	0.00	0.00
14,200.00	90.00	269.40	6,250.00	-987.53	-9,803.81	9,813.62	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well PURCELL 6-62-35-0801B
Company:	HighPoint Resources	TVD Reference:	KB @ 4683.20usft (Cade 23)
Project:	Weld County, CO (NAD83)	MD Reference:	KB @ 4683.20usft (Cade 23)
Site:	Sec 25-T06W-R62W	North Reference:	True
Well:	PURCELL 6-62-35-0801B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #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)	
14,300.00	90.00	269.40	6,250.00	-988.57	-9,903.81	9,913.62	0.00	0.00	0.00	
14,400.00	90.00	269.40	6,250.00	-989.61	-10,003.80	10,013.62	0.00	0.00	0.00	
14,500.00	90.00	269.40	6,250.00	-990.64	-10,103.80	10,113.62	0.00	0.00	0.00	
14,600.00	90.00	269.40	6,250.00	-991.68	-10,203.79	10,213.62	0.00	0.00	0.00	
14,700.00	90.00	269.40	6,250.00	-992.72	-10,303.79	10,313.62	0.00	0.00	0.00	
14,800.00	90.00	269.40	6,250.00	-993.76	-10,403.78	10,413.62	0.00	0.00	0.00	
14,900.00	90.00	269.40	6,250.00	-994.80	-10,503.78	10,513.62	0.00	0.00	0.00	
15,000.00	90.00	269.40	6,250.00	-995.84	-10,603.77	10,613.62	0.00	0.00	0.00	
15,100.00	90.00	269.40	6,250.00	-996.88	-10,703.77	10,713.62	0.00	0.00	0.00	
15,200.00	90.00	269.40	6,250.00	-997.91	-10,803.76	10,813.62	0.00	0.00	0.00	
15,300.00	90.00	269.40	6,250.00	-998.95	-10,903.76	10,913.62	0.00	0.00	0.00	
15,400.00	90.00	269.40	6,250.00	-999.99	-11,003.75	11,013.62	0.00	0.00	0.00	
15,500.00	90.00	269.40	6,250.00	-1,001.03	-11,103.74	11,113.62	0.00	0.00	0.00	
15,600.00	90.00	269.40	6,250.00	-1,002.07	-11,203.74	11,213.62	0.00	0.00	0.00	
15,700.00	90.00	269.40	6,250.00	-1,003.11	-11,303.73	11,313.62	0.00	0.00	0.00	
15,800.00	90.00	269.40	6,250.00	-1,004.15	-11,403.73	11,413.62	0.00	0.00	0.00	
15,900.00	90.00	269.40	6,250.00	-1,005.18	-11,503.72	11,513.62	0.00	0.00	0.00	
16,000.00	90.00	269.40	6,250.00	-1,006.22	-11,603.72	11,613.62	0.00	0.00	0.00	
16,100.00	90.00	269.40	6,250.00	-1,007.26	-11,703.71	11,713.62	0.00	0.00	0.00	
16,200.00	90.00	269.40	6,250.00	-1,008.30	-11,803.71	11,813.62	0.00	0.00	0.00	
16,300.00	90.00	269.40	6,250.00	-1,009.34	-11,903.70	11,913.62	0.00	0.00	0.00	
16,400.00	90.00	269.40	6,250.00	-1,010.38	-12,003.70	12,013.62	0.00	0.00	0.00	
16,500.00	90.00	269.40	6,250.00	-1,011.42	-12,103.69	12,113.62	0.00	0.00	0.00	
16,600.00	90.00	269.40	6,250.00	-1,012.46	-12,203.69	12,213.62	0.00	0.00	0.00	
16,651.00	90.00	269.40	6,250.00	-1,012.98	-12,254.68	12,264.62	0.00	0.00	0.00	
TD at 16651.00										

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LP PURCELL 6-62-35-0: - plan hits target center - Point	0.00	0.00	6,250.00	-913.87	-2,712.65	1,409,035.86	3,338,775.04	40.449822	-104.282685
PBHL PURCELL 6-62-3: - plan hits target center - Point	0.00	0.00	6,250.00	-1,012.98	-12,254.68	1,408,804.72	3,329,235.28	40.449542	-104.316971

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
300.00	300.00	0.00	0.00	Start Build 3.00	
466.67	466.46	-2.62	-6.78	Start 383.33 hold at 466.67 MD	
850.00	848.33	-14.68	-37.93	Start DLS 1.50 TFO 0.00	
2,347.65	2,277.08	-164.82	-425.86	Start 4116.63 hold at 2347.65 MD	
6,464.28	5,929.75	-850.05	-2,196.50	Start DLS 10.00 TFO 22.92	
7,108.45	6,250.00	-913.87	-2,712.65	Start 9542.55 hold at 7108.45 MD	
16,651.00	6,250.00	-1,012.98	-12,254.68	TD at 16651.00	