



Project: Weld County, CO NAD 83
Site: Anschutz State 5-62-26_25 SE27 PAD [GOOD]
Well: Anschutz State 5-62-26-4956C
Wellbore: OH
Design: OH



WELL DETAILS: Anschutz State 5-62-26-4956C

Design: OH (Anschutz State 5-62-26-4956C/OH)

GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24) 4656.10
Northing 1378899.31 Easting 3333927.74 Latitude 40° 22' 2.229 N Longitude 104° 18' 5.630 W

Created By: Seth Burstad

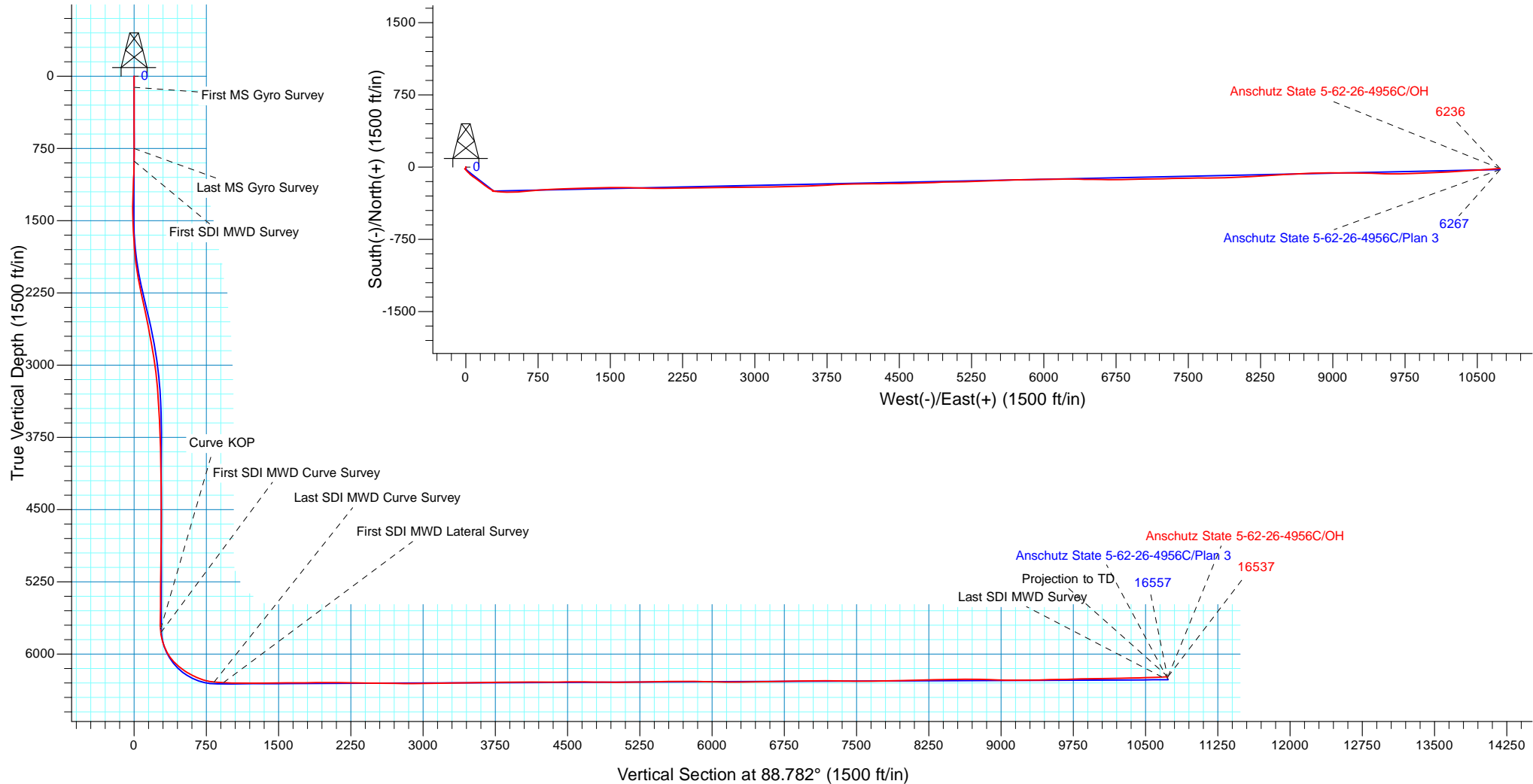
PROJECT DETAILS: Weld County, CO NAD 83

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

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
116.50	116.50	0.11	22.250	0.10	0.04	0.04	0.11	First MS Gyro Survey
750.45	750.50	1.19	178.460	-5.09	0.71	0.60	6.87	Last MS Gyro Survey
881.92	882.00	1.26	186.410	-7.90	0.58	0.41	9.68	First SDI MWD Survey
5742.69	5780.00	4.12	95.643	-251.29	279.50	274.09	430.20	Curve KOP
5777.53	5815.00	6.62	93.630	-251.54	282.76	277.35	432.34	First SDI MWD Curve Survey
6290.81	6629.00	83.92	86.960	-234.62	834.24	829.06	985.28	Last SDI MWD Curve Survey
6297.62	6728.00	88.19	87.100	-229.51	932.85	927.76	1084.02	First SDI MWD Lateral Survey
6238.70	16478.00	92.62	85.980	-19.95	10676.28	10673.45	10832.44	Last SDI MWD Survey
6236.00	16537.00	92.62	85.980	-15.82	10735.08	10732.32	10891.38	Projection to TD





HighPoint Resources

Weld County, CO NAD 83

Anschutz State 5-62-26_25 SE27 PAD [GOOD]

Anschutz State 5-62-26-4956C

OH

Design: OH

Standard Survey Report

30 April, 2018



Company:	HighPoint Resources	Local Co-ordinate Reference:	Well Anschutz State 5-62-26-4956C
Project:	Weld County, CO NAD 83	TVD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Site:	Anschutz State 5-62-26_25 SE27 PAD [GOOD]	MD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Well:	Anschutz State 5-62-26-4956C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Casper District

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		Anschutz State 5-62-26_25 SE27 PAD [GOOD], Site Center : Anschutz State 5-62-26-3240C			
Site Position:		Northing:	1,378,943.80 usft	Latitude:	40° 22' 2.669 N
From:	Lat/Long	Easting:	3,333,926.31 usft	Longitude:	104° 18' 5.641 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	0.77 °

Well	Anschutz State 5-62-26-4956C, 1330' FSL 400' FEL Sec 27 T5N R62W					
Well Position	+N/-S	0.00 ft	Northing:	1,378,899.31 usft	Latitude:	40° 22' 2.229 N
	+E/-W	0.00 ft	Easting:	3,333,927.74 usft	Longitude:	104° 18' 5.630 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	4,656.10 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	9/18/2017	8.22	67.00	52,306

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	88.782	

Survey Program	Date	4/30/2018			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
116.50	750.50	Survey #2 - Surface Gyro (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s	
882.00	6,629.00	Survey #3 - Intermediate (OH)	OWSG MWD	OWSG MWD - Standard	
6,728.00	16,537.00	Survey #4 - Lateral (OH)	OWSG MWD	OWSG MWD - Standard	

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	
116.50	0.11	22.250	116.50	0.10	0.04	0.04	0.09	0.09	0.00	
First MS Gyro Survey										
216.50	0.26	350.190	216.50	0.42	0.04	0.05	0.18	0.15	-32.06	
316.50	0.23	82.300	316.50	0.67	0.20	0.21	0.35	-0.03	92.11	
416.50	0.65	177.360	416.50	0.13	0.43	0.43	0.71	0.42	95.06	
516.50	0.91	176.480	516.49	-1.23	0.50	0.47	0.26	0.26	-0.88	
616.50	0.88	180.700	616.47	-2.79	0.54	0.48	0.07	-0.03	4.22	
716.50	1.02	172.000	716.46	-4.44	0.65	0.56	0.20	0.14	-8.70	

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well Anschutz State 5-62-26-4956C
Project:	Weld County, CO NAD 83	TVD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Site:	Anschutz State 5-62-26_25 SE27 PAD [GOOD]	MD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Well:	Anschutz State 5-62-26-4956C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Casper District

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)	
750.50	1.19	178.460	750.45	-5.09	0.71	0.60	0.62	0.50	19.00	
Last MS Gyro Survey										
882.00	1.26	186.410	881.92	-7.90	0.58	0.41	0.14	0.05	6.05	
First SDI MWD Survey										
973.00	2.18	242.040	972.89	-9.70	-1.06	-1.27	1.98	1.01	61.13	
1,064.00	3.71	230.490	1,063.77	-12.39	-4.86	-5.12	1.80	1.68	-12.69	
1,156.00	3.19	224.160	1,155.60	-16.12	-8.94	-9.28	0.70	-0.57	-6.88	
1,247.00	1.63	252.090	1,246.52	-18.33	-11.94	-12.32	2.10	-1.71	30.69	
1,338.00	0.44	147.720	1,337.51	-19.03	-12.98	-13.38	1.97	-1.31	-114.69	
1,430.00	0.24	148.560	1,429.51	-19.49	-12.69	-13.10	0.22	-0.22	0.91	
1,521.00	2.65	134.500	1,520.47	-21.13	-11.09	-11.54	2.66	2.65	-15.45	
1,613.00	4.48	128.560	1,612.29	-24.86	-6.76	-7.29	2.03	1.99	-6.46	
1,704.00	5.50	138.950	1,702.94	-30.36	-1.12	-1.77	1.49	1.12	11.42	
1,795.00	6.75	136.160	1,793.42	-37.51	5.45	4.65	1.41	1.37	-3.07	
1,887.00	8.59	137.990	1,884.60	-46.51	13.79	12.80	2.02	2.00	1.99	
1,978.00	11.12	135.680	1,974.25	-57.84	24.47	23.24	2.81	2.78	-2.54	
2,070.00	13.24	132.990	2,064.17	-71.38	38.38	36.85	2.38	2.30	-2.92	
2,161.00	15.47	128.770	2,152.33	-86.08	55.47	53.62	2.71	2.45	-4.64	
2,252.00	15.06	126.090	2,240.12	-100.65	74.48	72.33	0.90	-0.45	-2.95	
2,343.00	14.57	125.990	2,328.09	-114.34	93.30	90.85	0.54	-0.54	-0.11	
2,437.00	14.62	125.310	2,419.06	-128.14	112.54	109.80	0.19	0.05	-0.72	
2,531.00	14.29	125.420	2,510.08	-141.72	131.68	128.64	0.35	-0.35	0.12	
2,625.00	13.45	126.650	2,601.34	-154.97	149.90	146.58	0.95	-0.89	1.31	
2,719.00	13.27	126.880	2,692.80	-167.97	167.31	163.70	0.20	-0.19	0.24	
2,813.00	13.37	127.240	2,784.27	-181.02	184.59	180.70	0.14	0.11	0.38	
2,907.00	13.04	128.740	2,875.78	-194.24	201.51	197.34	0.51	-0.35	1.60	
3,001.00	10.36	127.860	2,967.82	-206.06	216.46	212.03	2.86	-2.85	-0.94	
3,094.00	7.86	124.440	3,059.64	-214.79	228.31	223.69	2.75	-2.69	-3.68	
3,189.00	7.80	122.760	3,153.76	-221.96	239.08	234.31	0.25	-0.06	-1.77	
3,282.00	5.47	114.450	3,246.13	-227.21	248.43	243.54	2.70	-2.51	-8.94	
3,376.00	3.44	120.570	3,339.84	-230.49	254.94	249.98	2.21	-2.16	6.51	
3,469.00	3.71	118.390	3,432.66	-233.34	259.99	254.97	0.32	0.29	-2.34	
3,563.00	3.83	114.020	3,526.46	-236.07	265.53	260.45	0.33	0.13	-4.65	
3,656.00	3.86	115.280	3,619.25	-238.67	271.20	266.06	0.10	0.03	1.35	
3,750.00	2.09	144.970	3,713.12	-241.42	275.04	269.85	2.44	-1.88	31.59	
3,844.00	2.41	137.870	3,807.05	-244.29	277.35	272.10	0.45	0.34	-7.55	
3,937.00	2.42	128.980	3,899.97	-246.98	280.19	274.88	0.40	0.01	-9.56	
4,031.00	2.19	126.300	3,993.89	-249.29	283.18	277.82	0.27	-0.24	-2.85	
4,125.00	0.26	114.070	4,087.87	-250.44	284.82	279.43	2.06	-2.05	-13.01	
4,219.00	0.30	102.850	4,181.86	-250.58	285.26	279.87	0.07	0.04	-11.94	
4,312.00	0.42	88.700	4,274.86	-250.63	285.83	280.44	0.16	0.13	-15.22	
4,406.00	0.29	79.200	4,368.86	-250.58	286.41	281.02	0.15	-0.14	-10.11	
4,500.00	0.53	67.930	4,462.86	-250.37	287.05	281.66	0.27	0.26	-11.99	
4,594.00	0.46	17.880	4,556.85	-249.85	287.57	282.19	0.45	-0.07	-53.24	

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Well:	Anschutz State 5-62-26-4956C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Casper District

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)
4,781.00	0.99	315.900	4,743.84	-247.97	286.67	281.34	0.47	0.28	-33.14
4,875.00	0.89	331.960	4,837.83	-246.74	285.77	280.46	0.30	-0.11	17.09
4,969.00	0.79	314.250	4,931.82	-245.65	284.96	279.67	0.29	-0.11	-18.84
5,064.00	0.60	328.010	5,026.81	-244.77	284.23	278.96	0.26	-0.20	14.48
5,158.00	1.12	240.930	5,120.80	-244.80	283.16	277.89	1.32	0.55	-92.64
5,251.00	1.08	233.580	5,213.79	-245.76	281.66	276.37	0.16	-0.04	-7.90
5,345.00	1.07	220.720	5,307.77	-246.95	280.38	275.06	0.26	-0.01	-13.68
5,439.00	0.79	210.890	5,401.76	-248.17	279.47	274.13	0.34	-0.30	-10.46
5,628.00	0.73	224.180	5,590.74	-250.15	277.96	272.58	0.10	-0.03	7.03
5,721.00	0.40	197.900	5,683.74	-250.89	277.45	272.06	0.44	-0.35	-28.26
5,780.00	4.12	95.643	5,742.69	-251.29	279.50	274.09	7.16	6.31	-173.32
Curve KOP									
5,815.00	6.62	93.630	5,777.53	-251.54	282.76	277.35	7.16	7.14	-5.75
First SDI MWD Curve Survey									
5,909.00	16.42	94.190	5,869.52	-252.86	301.47	296.02	10.43	10.43	0.60
6,003.00	25.31	95.420	5,957.27	-255.73	334.79	329.28	9.47	9.46	1.31
6,097.00	36.07	94.200	6,037.99	-259.67	382.53	376.92	11.47	11.45	-1.30
6,191.00	47.67	89.400	6,107.89	-261.34	445.10	439.45	12.79	12.34	-5.11
6,285.00	54.70	88.170	6,166.77	-259.75	518.28	512.64	7.55	7.48	-1.31
6,379.00	63.17	84.840	6,215.24	-254.74	598.55	593.00	9.51	9.01	-3.54
6,473.00	67.61	84.460	6,254.38	-246.77	683.62	678.22	4.74	4.72	-0.40
6,566.00	78.69	85.270	6,281.29	-238.84	772.13	766.88	11.94	11.91	0.87
6,629.00	83.92	86.960	6,290.81	-234.62	834.24	829.06	8.71	8.30	2.68
Last SDI MWD Curve Survey									
6,728.00	88.19	87.100	6,297.62	-229.51	932.85	927.76	4.32	4.31	0.14
First SDI MWD Lateral Survey									
6,823.00	88.02	88.700	6,300.77	-226.03	1,027.73	1,022.69	1.69	-0.18	1.68
6,916.00	89.83	88.200	6,302.51	-223.51	1,120.68	1,115.67	2.02	1.95	-0.54
7,010.00	89.83	87.770	6,302.79	-220.21	1,214.62	1,209.66	0.46	0.00	-0.46
7,104.00	90.47	88.830	6,302.54	-217.42	1,308.57	1,303.66	1.32	0.68	1.13
7,198.00	91.01	87.940	6,301.33	-214.77	1,402.53	1,397.65	1.11	0.57	-0.95
7,292.00	90.47	90.380	6,300.11	-213.39	1,496.50	1,491.63	2.66	-0.57	2.60
7,385.00	90.77	89.640	6,299.11	-213.41	1,589.50	1,584.60	0.86	0.32	-0.80
7,479.00	89.97	91.770	6,298.50	-214.57	1,683.48	1,678.54	2.42	-0.85	2.27
7,573.00	90.13	91.450	6,298.42	-217.21	1,777.44	1,772.43	0.38	0.17	-0.34
7,667.00	90.60	91.530	6,297.82	-219.65	1,871.41	1,866.32	0.51	0.50	0.09
7,760.00	90.20	89.690	6,297.17	-220.64	1,964.40	1,959.26	2.02	-0.43	-1.98
7,854.00	90.47	90.070	6,296.62	-220.44	2,058.40	2,053.24	0.50	0.29	0.40
7,948.00	89.33	88.820	6,296.79	-219.53	2,152.39	2,147.24	1.80	-1.21	-1.33
8,041.00	88.46	88.860	6,298.58	-217.65	2,245.35	2,240.22	0.94	-0.94	0.04
8,136.00	88.83	89.700	6,300.83	-216.46	2,340.32	2,335.19	0.97	0.39	0.88
8,229.00	89.83	89.530	6,301.91	-215.83	2,433.31	2,428.17	1.09	1.08	-0.18
8,323.00	89.53	89.450	6,302.44	-215.00	2,527.30	2,522.16	0.33	-0.32	-0.09
8,416.00	88.36	89.230	6,304.15	-213.93	2,620.28	2,615.14	1.28	-1.26	-0.24

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Well:	Anschutz State 5-62-26-4956C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Casper District

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)
8,510.00	90.00	89.480	6,305.50	-212.87	2,714.26	2,709.12	1.76	1.74	0.27
8,604.00	89.13	88.610	6,306.21	-211.30	2,808.24	2,803.11	1.31	-0.93	-0.93
8,697.00	90.70	89.630	6,306.35	-209.87	2,901.23	2,896.11	2.01	1.69	1.10
8,791.00	90.94	88.990	6,305.00	-208.74	2,995.21	2,990.09	0.73	0.26	-0.68
8,886.00	90.40	90.010	6,303.89	-207.91	3,090.20	3,085.08	1.21	-0.57	1.07
8,979.00	90.07	89.030	6,303.51	-207.13	3,183.19	3,178.07	1.11	-0.35	-1.05
9,073.00	89.77	89.300	6,303.64	-205.76	3,277.18	3,272.07	0.43	-0.32	0.29
9,167.00	92.18	88.170	6,302.04	-203.69	3,371.14	3,366.04	2.83	2.56	-1.20
9,260.00	92.72	87.260	6,298.07	-199.98	3,463.98	3,458.94	1.14	0.58	-0.98
9,354.00	91.01	87.950	6,295.01	-196.06	3,557.84	3,552.87	1.96	-1.82	0.73
9,447.00	90.70	87.670	6,293.62	-192.51	3,650.76	3,645.84	0.45	-0.33	-0.30
9,541.00	90.17	86.270	6,292.91	-187.54	3,744.62	3,739.79	1.59	-0.56	-1.49
9,635.00	90.50	87.880	6,292.36	-182.74	3,838.50	3,833.75	1.75	0.35	1.71
9,729.00	90.03	88.470	6,291.92	-179.75	3,932.45	3,927.74	0.80	-0.50	0.63
9,823.00	89.90	87.640	6,291.98	-176.56	4,026.39	4,021.73	0.89	-0.14	-0.88
9,916.00	89.93	89.200	6,292.12	-173.99	4,119.35	4,114.73	1.68	0.03	1.68
10,011.00	90.33	89.670	6,291.90	-173.06	4,214.35	4,209.72	0.65	0.42	0.49
10,104.00	90.44	89.900	6,291.28	-172.71	4,307.35	4,302.70	0.27	0.12	0.25
10,199.00	90.23	89.430	6,290.72	-172.15	4,402.34	4,397.69	0.54	-0.22	-0.49
10,293.00	90.20	89.310	6,290.37	-171.12	4,496.34	4,491.68	0.13	-0.03	-0.13
10,387.00	90.17	88.430	6,290.06	-169.26	4,590.32	4,585.68	0.94	-0.03	-0.94
10,480.00	89.80	88.740	6,290.09	-166.97	4,683.29	4,678.68	0.52	-0.40	0.33
10,571.00	89.63	88.020	6,290.54	-164.39	4,774.25	4,769.68	0.81	-0.19	-0.79
10,663.00	89.09	87.170	6,291.57	-160.53	4,866.16	4,861.65	1.09	-0.59	-0.92
10,754.00	89.46	88.280	6,292.72	-156.92	4,957.08	4,952.63	1.29	0.41	1.22
10,846.00	89.87	89.330	6,293.26	-155.00	5,049.06	5,044.62	1.23	0.45	1.14
10,937.00	89.83	88.370	6,293.50	-153.18	5,140.04	5,135.62	1.06	-0.04	-1.05
11,028.00	91.44	88.190	6,292.49	-150.45	5,230.99	5,226.61	1.78	1.77	-0.20
11,119.00	91.65	88.250	6,290.03	-147.62	5,321.91	5,317.57	0.24	0.23	0.07
11,210.00	92.08	88.170	6,287.07	-144.78	5,412.82	5,408.52	0.48	0.47	-0.09
11,301.00	90.84	87.170	6,284.75	-141.08	5,503.71	5,499.47	1.75	-1.36	-1.10
11,393.00	90.44	87.260	6,283.73	-136.61	5,595.60	5,591.43	0.45	-0.43	0.10
11,484.00	89.06	89.510	6,284.12	-134.05	5,686.55	5,682.42	2.90	-1.52	2.47
11,576.00	88.99	88.900	6,285.69	-132.77	5,778.53	5,774.40	0.67	-0.08	-0.66
11,667.00	89.43	88.310	6,286.94	-130.56	5,869.49	5,865.39	0.81	0.48	-0.65
11,758.00	89.26	89.360	6,287.98	-128.71	5,960.47	5,956.38	1.17	-0.19	1.15
11,850.00	88.83	89.550	6,289.52	-127.83	6,052.45	6,048.37	0.51	-0.47	0.21
11,941.00	88.46	88.790	6,291.67	-126.51	6,143.41	6,139.34	0.93	-0.41	-0.84
12,033.00	90.27	89.870	6,292.69	-125.44	6,235.40	6,231.32	2.29	1.97	1.17
12,124.00	91.17	91.200	6,291.55	-126.29	6,326.38	6,322.27	1.76	0.99	1.46
12,215.00	91.07	90.360	6,289.77	-127.53	6,417.36	6,413.20	0.93	-0.11	-0.92
12,307.00	91.04	91.050	6,288.07	-128.66	6,509.33	6,505.13	0.75	-0.03	0.75
12,398.00	91.78	91.040	6,285.83	-130.32	6,600.29	6,596.03	0.81	0.81	-0.01

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well Anschutz State 5-62-26-4956C
Project:	Weld County, CO NAD 83	TVD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Site:	Anschutz State 5-62-26_25 SE27 PAD [GOOD]	MD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Well:	Anschutz State 5-62-26-4956C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Casper District

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)
12,490.00	90.77	90.430	6,283.79	-131.50	6,692.26	6,687.95	1.28	-1.10	-0.66
12,581.00	91.01	89.060	6,282.37	-131.09	6,783.24	6,778.92	1.53	0.26	-1.51
12,672.00	91.38	88.870	6,280.47	-129.45	6,874.21	6,869.90	0.46	0.41	-0.21
12,763.00	90.37	88.390	6,279.09	-127.27	6,965.17	6,960.89	1.23	-1.11	-0.53
12,854.00	90.13	88.740	6,278.69	-124.99	7,056.14	7,051.89	0.47	-0.26	0.38
12,945.00	89.20	89.250	6,279.22	-123.40	7,147.12	7,142.89	1.17	-1.02	0.56
13,036.00	90.07	88.710	6,279.80	-121.78	7,238.11	7,233.88	1.13	0.96	-0.59
13,127.00	89.87	88.700	6,279.85	-119.72	7,329.08	7,324.88	0.22	-0.22	-0.01
13,219.00	88.86	88.910	6,280.87	-117.80	7,421.06	7,416.88	1.12	-1.10	0.23
13,310.00	90.07	88.260	6,281.72	-115.56	7,512.02	7,507.87	1.51	1.33	-0.71
13,401.00	89.87	89.280	6,281.76	-113.60	7,603.00	7,598.87	1.14	-0.22	1.12
13,492.00	91.24	89.920	6,280.88	-112.97	7,693.99	7,689.85	1.66	1.51	0.70
13,584.00	90.60	89.660	6,279.41	-112.63	7,785.98	7,781.83	0.75	-0.70	-0.28
13,675.00	91.31	88.200	6,277.89	-110.93	7,876.95	7,872.81	1.78	0.78	-1.60
13,766.00	91.27	88.060	6,275.84	-107.96	7,967.88	7,963.78	0.16	-0.04	-0.15
13,857.00	91.78	87.930	6,273.42	-104.78	8,058.79	8,054.74	0.58	0.56	-0.14
13,948.00	91.01	85.840	6,271.20	-99.84	8,149.62	8,145.66	2.45	-0.85	-2.30
14,039.00	91.21	86.920	6,269.44	-94.09	8,240.42	8,236.56	1.21	0.22	1.19
14,130.00	91.37	86.790	6,267.39	-89.10	8,331.26	8,327.48	0.23	0.18	-0.14
14,220.00	91.27	85.840	6,265.32	-83.32	8,421.05	8,417.38	1.06	-0.11	-1.06
14,311.00	91.47	85.870	6,263.14	-76.74	8,511.79	8,508.23	0.22	0.22	0.03
14,402.00	90.94	86.740	6,261.23	-70.88	8,602.57	8,599.12	1.12	-0.58	0.96
14,493.00	89.30	88.770	6,261.04	-67.31	8,693.50	8,690.10	2.87	-1.80	2.23
14,584.00	88.46	88.840	6,262.82	-65.42	8,784.46	8,781.08	0.93	-0.92	0.08
14,676.00	87.89	88.960	6,265.75	-63.65	8,876.39	8,873.04	0.63	-0.62	0.13
14,767.00	88.02	88.120	6,268.99	-61.33	8,967.31	8,963.98	0.93	0.14	-0.92
14,858.00	88.86	90.470	6,271.47	-60.22	9,058.26	9,054.93	2.74	0.92	2.58
14,949.00	90.44	90.360	6,272.03	-60.87	9,149.25	9,145.89	1.74	1.74	-0.12
15,040.00	90.23	91.210	6,271.50	-62.12	9,240.24	9,236.83	0.96	-0.23	0.93
15,132.00	91.24	91.340	6,270.32	-64.17	9,332.21	9,328.74	1.11	1.10	0.14
15,222.00	91.04	91.180	6,268.52	-66.15	9,422.17	9,418.63	0.28	-0.22	-0.18
15,313.00	91.51	92.390	6,266.50	-68.98	9,513.10	9,509.49	1.43	0.52	1.33
15,404.00	91.21	90.250	6,264.34	-71.08	9,604.05	9,600.36	2.37	-0.33	-2.35
15,496.00	91.34	88.950	6,262.29	-70.43	9,696.02	9,692.33	1.42	0.14	-1.41
15,587.00	91.38	88.300	6,260.13	-68.25	9,786.97	9,783.30	0.72	0.04	-0.71
15,679.00	91.44	88.220	6,257.87	-65.46	9,878.90	9,875.27	0.11	0.07	-0.09
15,770.00	91.24	87.360	6,255.74	-61.95	9,969.80	9,966.23	0.97	-0.22	-0.95
15,861.00	90.60	87.070	6,254.28	-57.53	10,060.68	10,057.19	0.77	-0.70	-0.32
15,952.00	90.74	87.360	6,253.22	-53.11	10,151.57	10,148.15	0.35	0.15	0.32
16,046.00	91.01	87.120	6,251.78	-48.58	10,245.45	10,242.10	0.38	0.29	-0.26
16,140.00	91.48	86.020	6,249.74	-42.96	10,339.26	10,336.01	1.27	0.50	-1.17
16,233.00	91.64	86.000	6,247.21	-36.49	10,432.00	10,428.86	0.17	0.17	-0.02
16,327.00	91.74	86.490	6,244.43	-30.34	10,525.75	10,522.73	0.53	0.11	0.52

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well Anschutz State 5-62-26-4956C
Project:	Weld County, CO NAD 83	TVD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Site:	Anschutz State 5-62-26_25 SE27 PAD [GOOD]	MD Reference:	GL 4656.1' & KB 16.5' @ 4672.60ft (Cade 24)
Well:	Anschutz State 5-62-26-4956C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Casper District

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)
16,421.00	92.28	85.810	6,241.14	-24.03	10,619.48	10,616.57	0.92	0.57	-0.72
16,478.00	92.62	85.980	6,238.70	-19.95	10,676.28	10,673.45	0.67	0.60	0.30
Last SDI MWD Survey									
16,537.00	92.62	85.980	6,236.00	-15.82	10,735.08	10,732.32	0.00	0.00	0.00
Projection to TD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
116.50	116.50	0.10	0.04	First MS Gyro Survey
750.50	750.45	-5.09	0.71	Last MS Gyro Survey
882.00	881.92	-7.90	0.58	First SDI MWD Survey
5,780.00	5,742.69	-251.29	279.50	Curve KOP
5,815.00	5,777.53	-251.54	282.76	First SDI MWD Curve Survey
6,629.00	6,290.81	-234.62	834.24	Last SDI MWD Curve Survey
6,728.00	6,297.62	-229.51	932.85	First SDI MWD Lateral Survey
16,478.00	6,238.70	-19.95	10,676.28	Last SDI MWD Survey
16,537.00	6,236.00	-15.82	10,735.08	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
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Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

Operator	HighPoint Resources
Well Name & No.	Anschutz State 5-62-26-4956C
API #	05-123-46080
County & State	Weld County, CO
SDI Job #	OP.009731
Rig	Cade 24
Survey Date	28-Apr-2018

I, Seth M. Burstad, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 750.5 feet to a measured depth of 16478 feet is true and correct as determined from all available records.

Seth M. Burstad

Signature

30-Apr-2018

Date

Seth M. Burstad

Rockies Region Well Planner
Scientific Drilling - Rocky Mountain District