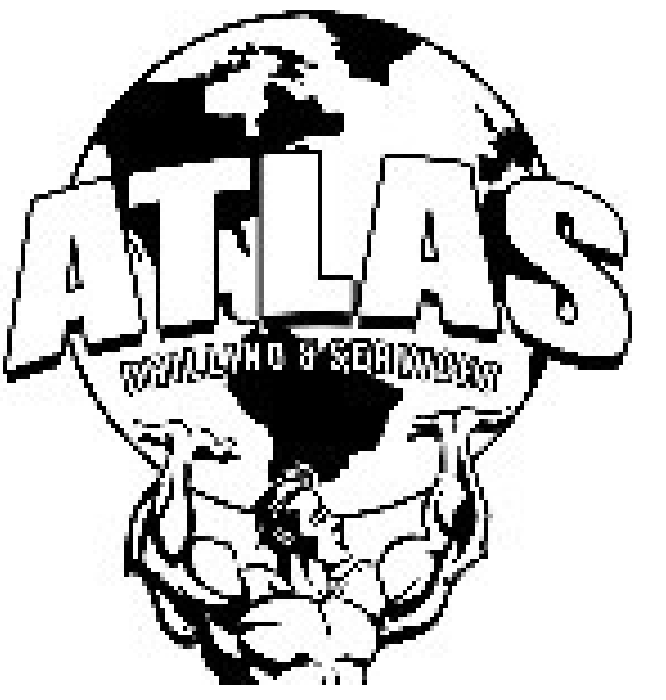


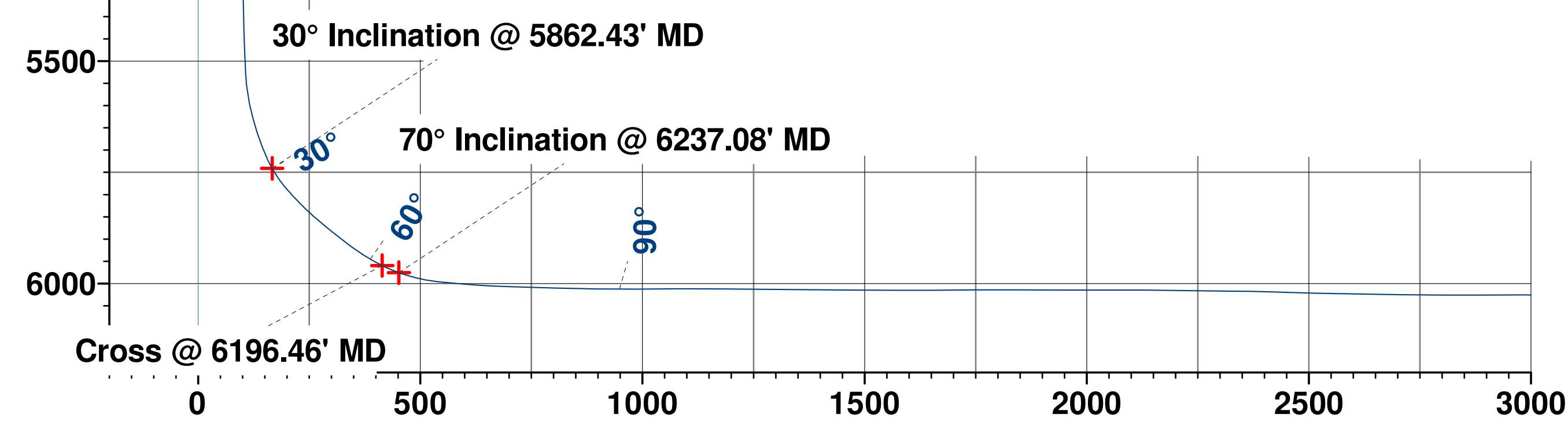
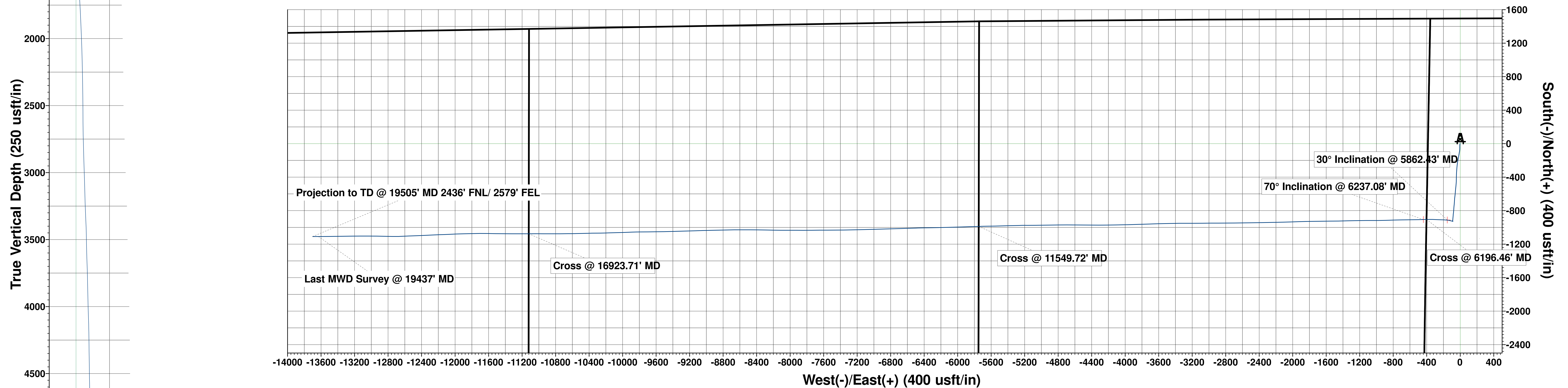
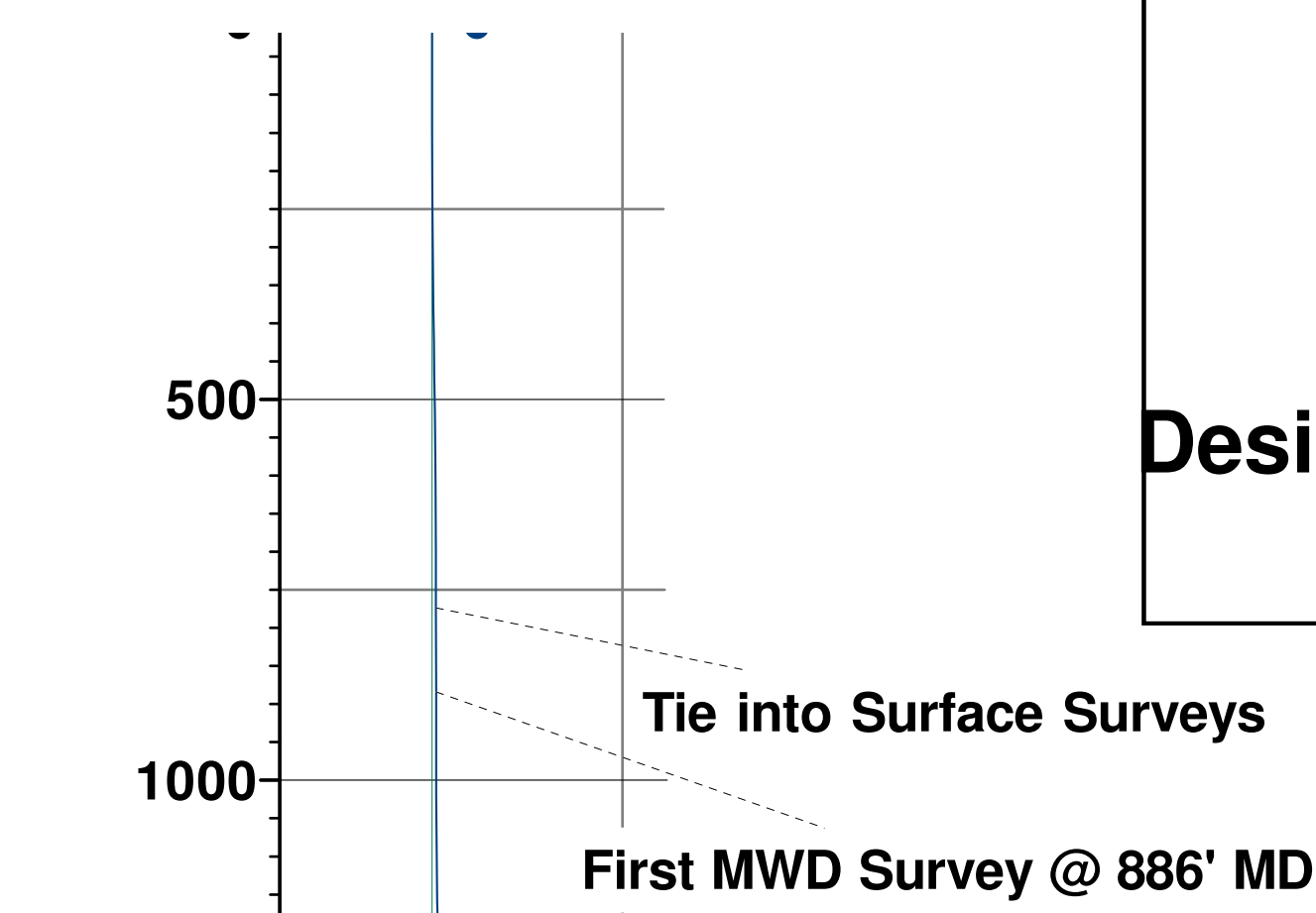


HighPoint Resources
Project: Weld County, CO (NAD83)
Site: Sec 04-T04N-R61W
Well: RSU Anschutz Fed 4-61-05-2528C
Wellbore: Wellbore #1
Design: Wellbore #1 (RSU Anschutz Fed 4-61-05-2528C/Wellbore #1)
Cade 23

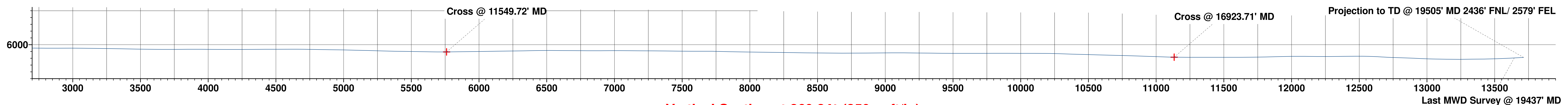
Ground Elevation:: 4501.50
RKB Elevation: KB @ 4518.00usft (Cade 23)
Rig Name: Cade 23



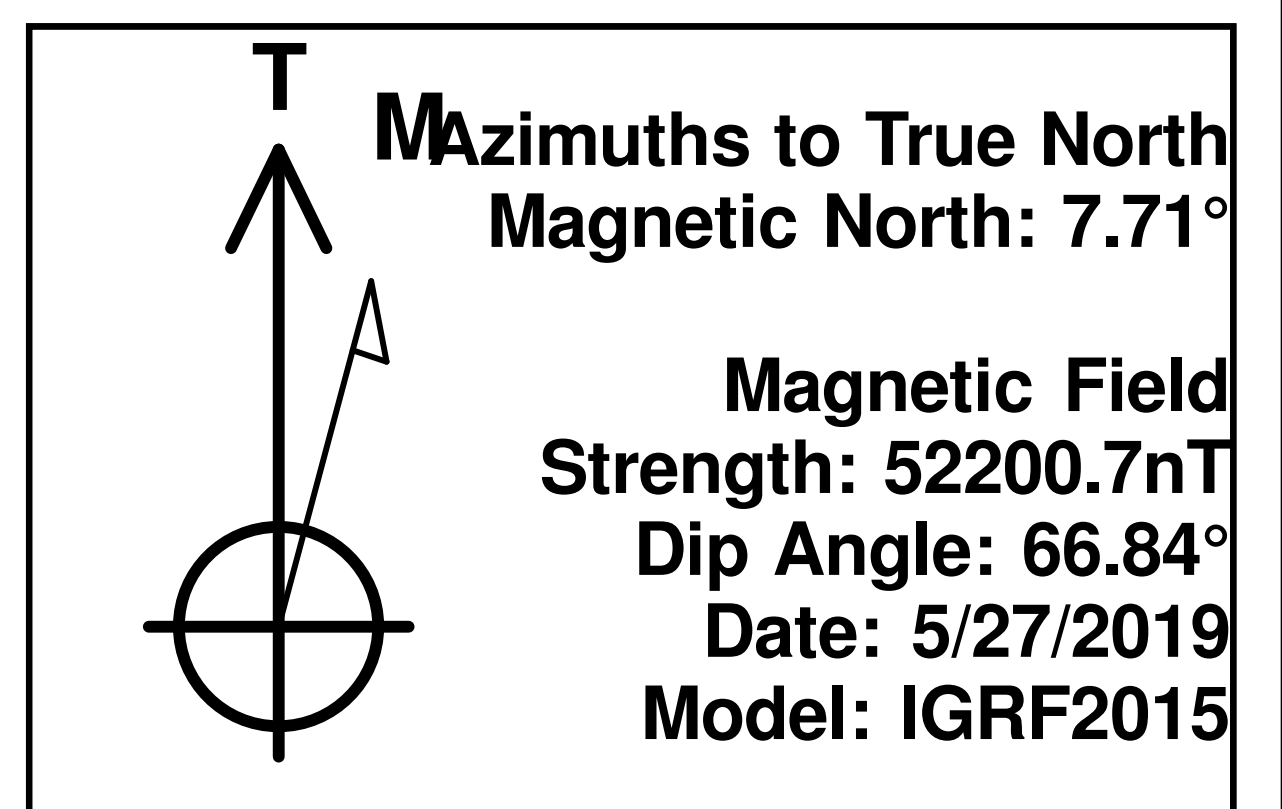
ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
775.00	5.17	179.75	773.84	-30.79	-4.83	5.24	32.22	Tie into Surface Surveys
886.00	5.55	180.21	884.36	-41.15	-4.83	5.38	42.59	First MWD Survey @ 886' MD
5862.43	29.83	276.96	5741.12	-911.67	-154.52	166.59	1015.24	30° Inclination @ 5862.43' MD
6196.46	63.79	268.43	5959.60	-904.82	-402.50	414.47	1260.89	Cross @ 6196.46' MD
6237.08	70.00	268.41	5975.61	-905.94	-439.79	451.77	1298.70	70° Inclination @ 6237.08' MD
11549.72	90.53	267.91	6053.48	-987.91	-5748.00	5760.60	6606.98	Cross @ 11549.72' MD
16923.71	89.19	269.59	6092.14	-1075.62	-11120.00	11133.29	11980.28	Cross @ 16923.71' MD
19437.00	93.25	269.72	6097.66	-1108.59	-13631.73	13645.23	14492.83	Last MWD Survey @ 19437' MD
19505.00	93.25	269.72	6093.81	-1108.92	-13699.62	13713.12	14560.72	Projection to TD @ 19505' MD 2436' FNL/ 2579' FEL



Vertical Section at 269.24° (250 usft/in)



Vertical Section at 269.24° (250 usft/in)



HighPoint Resources

Weld County, CO (NAD83)

Sec 04-T04N-R61W

RSU Anschutz Fed 4-61-05-2528C

Wellbore #1

Design: Wellbore #1

Standard Survey Report

15 October, 2019

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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 04-T04N-R61W			
Site Position:		Northing:	1,372,892.85 usft	Latitude:	40.349985
From:	Lat/Long	Easting:	3,355,207.48 usft	Longitude:	-104.225513
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.82 °

Well	RSU Anschutz Fed 4-61-05-2528C					
Well Position	+N/-S	0.00 usft	Northing:	1,371,404.89 usft	Latitude:	40.345886
	+E/-W	0.00 usft	Easting:	3,355,586.23 usft	Longitude:	-104.224231
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,501.50 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/27/2019	7.71	66.84	52,200.74634162

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00		269.24

Survey Program	Date	10/15/2019			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
149.00	775.00	Surface Surveys (Wellbore #1)	MWD	MWD - Standard	
775.00	19,505.00	Atlas MWD Surveys (Wellbore #1)	MWD	MWD - Standard	

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
	149.00	0.22	235.98	149.00	-0.16	-0.24	0.24	0.15	0.15	0.00
	242.00	0.27	295.82	242.00	-0.16	-0.58	0.58	0.27	0.05	64.34
	333.00	1.41	210.46	332.99	-1.04	-1.34	1.36	1.55	1.25	-93.80
	425.00	2.47	198.52	424.94	-3.89	-2.55	2.60	1.23	1.15	-12.98
	517.00	3.76	188.74	516.80	-8.75	-3.63	3.75	1.51	1.40	-10.63
	609.00	4.95	183.32	608.53	-15.70	-4.32	4.53	1.37	1.29	-5.89
	701.00	5.39	182.17	700.16	-23.98	-4.72	5.03	0.49	0.48	-1.25
	775.00	5.17	179.75	773.84	-30.79	-4.83	5.24	0.42	-0.30	-3.27
Tie into Surface Surveys										

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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)	
886.00	5.55	180.21	884.36	-41.15	-4.83	5.38	0.34	0.34	0.41	
First MWD Survey @ 886' MD										
978.00	5.68	179.79	975.92	-50.16	-4.83	5.50	0.15	0.14	-0.46	
1,069.00	7.08	182.31	1,066.35	-60.26	-5.04	5.84	1.57	1.54	2.77	
1,162.00	8.93	185.44	1,158.44	-73.18	-5.96	6.93	2.04	1.99	3.37	
1,254.00	10.32	188.28	1,249.14	-88.44	-7.82	8.99	1.60	1.51	3.09	
1,346.00	10.63	190.95	1,339.61	-104.93	-10.62	12.01	0.63	0.34	2.90	
1,438.00	11.34	189.95	1,429.92	-122.17	-13.79	15.41	0.80	0.77	-1.09	
1,530.00	12.40	189.10	1,519.96	-140.83	-16.92	18.78	1.17	1.15	-0.92	
1,626.00	13.95	190.36	1,613.43	-162.39	-20.63	22.78	1.64	1.61	1.31	
1,721.00	15.24	190.59	1,705.36	-185.93	-24.98	27.45	1.36	1.36	0.24	
1,816.00	14.79	189.59	1,797.12	-210.16	-29.30	32.08	0.55	-0.47	-1.05	
1,912.00	16.02	188.23	1,889.67	-235.35	-33.24	36.36	1.34	1.28	-1.42	
2,007.00	15.83	187.07	1,981.02	-261.19	-36.71	40.17	0.39	-0.20	-1.22	
2,102.00	16.13	185.23	2,072.35	-287.19	-39.51	43.31	0.62	0.32	-1.94	
2,198.00	15.87	184.20	2,164.63	-313.56	-41.68	45.84	0.40	-0.27	-1.07	
2,294.00	15.47	183.64	2,257.06	-339.42	-43.46	47.95	0.45	-0.42	-0.58	
2,389.00	15.07	182.48	2,348.71	-364.41	-44.80	49.62	0.53	-0.42	-1.22	
2,484.00	14.73	181.53	2,440.51	-388.82	-45.65	50.81	0.44	-0.36	-1.00	
2,580.00	14.94	181.20	2,533.31	-413.39	-46.24	51.72	0.24	0.22	-0.34	
2,675.00	15.00	180.26	2,625.09	-437.93	-46.55	52.35	0.26	0.06	-0.99	
2,771.00	15.13	184.37	2,717.79	-462.84	-47.56	53.70	1.12	0.14	4.28	
2,867.00	14.71	185.36	2,810.56	-487.47	-49.65	56.11	0.51	-0.44	1.03	
2,963.00	14.15	185.16	2,903.53	-511.29	-51.85	58.62	0.59	-0.58	-0.21	
3,058.00	14.99	186.07	2,995.47	-535.08	-54.19	61.28	0.92	0.88	0.96	
3,153.00	15.05	185.23	3,087.23	-559.58	-56.61	64.03	0.24	0.06	-0.88	
3,249.00	16.14	185.19	3,179.69	-585.28	-58.96	66.72	1.14	1.14	-0.04	
3,344.00	17.96	186.33	3,270.51	-612.99	-61.77	69.89	1.95	1.92	1.20	
3,439.00	17.66	186.86	3,360.96	-641.85	-65.10	73.61	0.36	-0.32	0.56	
3,536.00	16.18	183.91	3,453.76	-669.94	-67.78	76.66	1.76	-1.53	-3.04	
3,631.00	16.00	182.87	3,545.04	-696.23	-69.34	78.57	0.36	-0.19	-1.09	
3,727.00	16.03	186.27	3,637.31	-722.62	-71.45	81.03	0.98	0.03	3.54	
3,823.00	15.22	185.50	3,729.77	-748.34	-74.11	84.03	0.87	-0.84	-0.80	
3,919.00	14.56	184.15	3,822.54	-772.91	-76.19	86.43	0.78	-0.69	-1.41	
4,014.00	13.99	183.49	3,914.61	-796.29	-77.75	88.31	0.62	-0.60	-0.69	
4,110.00	13.25	187.21	4,007.91	-818.78	-79.84	90.69	1.19	-0.77	3.88	
4,206.00	12.57	187.20	4,101.48	-840.06	-82.53	93.66	0.71	-0.71	-0.01	
4,301.00	9.97	183.89	4,194.64	-858.53	-84.38	95.76	2.82	-2.74	-3.48	
4,396.00	9.49	183.75	4,288.28	-874.55	-85.45	97.04	0.51	-0.51	-0.15	
4,491.00	8.19	186.32	4,382.15	-889.09	-86.71	98.49	1.43	-1.37	2.71	
4,585.00	6.99	182.72	4,475.32	-901.46	-87.72	99.67	1.37	-1.28	-3.83	
4,682.00	5.46	194.82	4,571.75	-911.82	-89.18	101.26	2.07	-1.58	12.47	
4,778.00	4.08	186.25	4,667.42	-919.63	-90.72	102.91	1.61	-1.44	-8.93	

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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)
4,873.00	3.48	174.55	4,762.21	-925.86	-90.81	103.08	1.03	-0.63	-12.32
4,969.00	0.83	71.94	4,858.15	-928.54	-89.87	102.18	3.91	-2.76	-106.89
5,065.00	1.17	50.58	4,954.14	-927.70	-88.46	100.75	0.52	0.35	-22.25
5,161.00	1.12	55.24	5,050.12	-926.55	-86.93	99.21	0.11	-0.05	4.85
5,255.00	0.96	317.42	5,144.11	-925.44	-86.71	98.97	1.67	-0.17	-104.06
5,351.00	0.97	335.41	5,240.10	-924.11	-87.59	99.84	0.31	0.01	18.74
5,446.00	1.17	264.83	5,335.08	-923.47	-88.89	101.13	1.31	0.21	-74.29
5,541.00	1.33	245.70	5,430.06	-924.01	-90.86	103.11	0.47	0.17	-20.14
5,636.00	3.12	270.12	5,524.99	-924.46	-94.45	106.70	2.09	1.88	25.71
5,731.00	14.63	283.05	5,618.70	-921.73	-108.77	120.99	12.22	12.12	13.61
5,825.00	22.96	284.09	5,707.61	-914.58	-138.17	150.29	8.87	8.86	1.11
5,862.43	29.83	276.96	5,741.12	-911.67	-154.52	166.59	20.18	18.35	-19.04
30° Inclination @ 5862.43' MD									
5,920.00	40.83	270.45	5,788.04	-909.78	-187.66	199.71	20.18	19.11	-11.31
6,015.00	49.51	272.94	5,854.95	-907.68	-254.93	266.94	9.32	9.14	2.62
6,110.00	53.04	271.63	5,914.38	-904.74	-328.97	340.94	3.87	3.72	-1.38
6,196.46	63.79	268.43	5,959.60	-904.82	-402.50	414.47	12.83	12.44	-3.70
Cross @ 6196.46' MD									
6,205.00	64.86	268.15	5,963.30	-905.05	-410.19	422.16	12.83	12.48	-3.28
6,237.08	70.00	268.41	5,975.61	-905.94	-439.79	451.77	16.04	16.02	0.80
70° Inclination @ 6237.08' MD									
6,301.00	80.24	268.87	5,992.00	-907.40	-501.47	513.46	16.04	16.02	0.73
6,345.00	84.38	269.50	5,997.89	-908.02	-545.06	557.06	9.52	9.41	1.43
6,495.00	88.29	268.87	6,007.48	-910.15	-694.71	706.72	2.64	2.61	-0.42
6,590.00	88.42	268.51	6,010.20	-912.32	-789.64	801.68	0.40	0.14	-0.38
6,685.00	88.97	267.88	6,012.37	-915.31	-884.57	896.63	0.88	0.58	-0.66
6,779.00	90.84	269.66	6,012.52	-917.33	-978.54	990.62	2.75	1.99	1.89
6,874.00	90.01	270.37	6,011.82	-917.31	-1,073.54	1,085.61	1.15	-0.87	0.75
6,969.00	89.65	269.09	6,012.10	-917.75	-1,168.53	1,180.60	1.40	-0.38	-1.35
7,064.00	89.26	268.97	6,013.00	-919.36	-1,263.52	1,275.60	0.43	-0.41	-0.13
7,159.00	89.58	268.46	6,013.96	-921.49	-1,358.49	1,370.59	0.63	0.34	-0.54
7,255.00	89.65	268.80	6,014.61	-923.79	-1,454.46	1,466.58	0.36	0.07	0.35
7,350.00	89.72	269.64	6,015.13	-925.08	-1,549.45	1,561.58	0.89	0.07	0.88
7,445.00	90.26	269.03	6,015.15	-926.18	-1,644.44	1,656.58	0.86	0.57	-0.64
7,539.00	90.60	269.64	6,014.44	-927.28	-1,738.43	1,750.58	0.74	0.36	0.65
7,634.00	89.57	268.45	6,014.30	-928.86	-1,833.41	1,845.57	1.66	-1.08	-1.25
7,729.00	89.77	268.25	6,014.85	-931.59	-1,928.37	1,940.56	0.30	0.21	-0.21
7,824.00	90.29	268.14	6,014.80	-934.59	-2,023.32	2,035.54	0.56	0.55	-0.12
7,919.00	89.69	268.43	6,014.82	-937.43	-2,118.28	2,130.53	0.70	-0.63	0.31
8,014.00	88.92	269.07	6,015.97	-939.50	-2,213.25	2,225.52	1.05	-0.81	0.67
8,110.00	89.59	268.78	6,017.22	-941.30	-2,309.22	2,321.51	0.76	0.70	-0.30
8,206.00	88.14	268.85	6,019.12	-943.29	-2,405.18	2,417.48	1.51	-1.51	0.07
8,302.00	88.69	269.08	6,021.77	-945.02	-2,501.13	2,513.44	0.62	0.57	0.24
8,398.00	89.01	269.53	6,023.70	-946.18	-2,597.10	2,609.43	0.58	0.33	0.47

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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)	
8,493.00	89.14	269.18	6,025.23	-947.25	-2,692.08	2,704.41	0.39	0.14	-0.37	
8,589.00	89.75	269.48	6,026.16	-948.38	-2,788.07	2,800.41	0.71	0.64	0.31	
8,685.00	90.54	270.33	6,025.92	-948.54	-2,884.07	2,896.40	1.21	0.82	0.89	
8,781.00	89.72	269.15	6,025.70	-948.97	-2,980.07	2,992.39	1.50	-0.85	-1.23	
8,876.00	89.32	269.78	6,026.50	-949.86	-3,075.06	3,087.39	0.79	-0.42	0.66	
8,972.00	89.38	269.32	6,027.59	-950.61	-3,171.05	3,183.38	0.48	0.06	-0.48	
9,068.00	89.12	270.31	6,028.84	-950.92	-3,267.04	3,279.37	1.07	-0.27	1.03	
9,163.00	88.76	269.40	6,030.60	-951.16	-3,362.02	3,374.34	1.03	-0.38	-0.96	
9,258.00	88.85	268.32	6,032.58	-953.05	-3,456.98	3,469.32	1.14	0.09	-1.14	
9,354.00	89.24	269.21	6,034.18	-955.12	-3,552.94	3,565.30	1.01	0.41	0.93	
9,449.00	89.92	267.99	6,034.88	-957.44	-3,647.91	3,660.29	1.47	0.72	-1.28	
9,544.00	90.21	268.36	6,034.77	-960.47	-3,742.86	3,755.27	0.49	0.31	0.39	
9,640.00	90.73	268.24	6,033.98	-963.32	-3,838.82	3,851.26	0.56	0.54	-0.13	
9,735.00	89.15	267.91	6,034.08	-966.51	-3,933.76	3,946.23	1.70	-1.66	-0.35	
9,830.00	89.79	269.25	6,034.96	-968.86	-4,028.72	4,041.22	1.56	0.67	1.41	
9,925.00	89.82	268.77	6,035.29	-970.50	-4,123.71	4,136.22	0.51	0.03	-0.51	
10,020.00	90.25	269.15	6,035.23	-972.23	-4,218.69	4,231.22	0.60	0.45	0.40	
10,115.00	90.44	270.39	6,034.66	-972.61	-4,313.69	4,326.21	1.32	0.20	1.31	
10,211.00	90.21	270.28	6,034.11	-972.05	-4,409.69	4,422.19	0.27	-0.24	-0.11	
10,306.00	90.07	270.44	6,033.88	-971.45	-4,504.68	4,517.17	0.22	-0.15	0.17	
10,401.00	90.31	270.66	6,033.56	-970.54	-4,599.68	4,612.15	0.34	0.25	0.23	
10,497.00	89.08	269.59	6,034.08	-970.33	-4,695.67	4,708.13	1.70	-1.28	-1.11	
10,592.00	89.10	269.51	6,035.58	-971.07	-4,790.66	4,803.12	0.09	0.02	-0.08	
10,687.00	89.19	269.10	6,037.00	-972.23	-4,885.64	4,898.11	0.44	0.09	-0.43	
10,782.00	88.73	269.26	6,038.73	-973.59	-4,980.61	4,993.09	0.51	-0.48	0.17	
10,877.00	88.59	269.17	6,040.95	-974.89	-5,075.58	5,088.06	0.18	-0.15	-0.09	
10,972.00	88.72	270.44	6,043.18	-975.21	-5,170.55	5,183.03	1.34	0.14	1.34	
11,068.00	88.04	268.13	6,045.89	-976.41	-5,266.50	5,278.99	2.51	-0.71	-2.41	
11,164.00	89.05	268.66	6,048.33	-979.09	-5,362.43	5,374.94	1.19	1.05	0.55	
11,259.00	89.04	268.61	6,049.91	-981.36	-5,457.39	5,469.92	0.05	-0.01	-0.05	
11,355.00	89.09	268.42	6,051.48	-983.85	-5,553.34	5,565.90	0.20	0.05	-0.20	
11,450.00	88.96	269.49	6,053.10	-985.58	-5,648.31	5,660.89	1.13	-0.14	1.13	
11,545.00	90.52	267.90	6,053.53	-987.74	-5,743.28	5,755.88	2.34	1.64	-1.67	
11,549.72	90.53	267.91	6,053.48	-987.91	-5,748.00	5,760.60	0.34	0.26	0.22	
Cross @ 11549.72' MD										
11,639.00	90.76	268.11	6,052.48	-991.01	-5,837.22	5,849.85	0.34	0.26	0.22	
11,734.00	90.90	268.28	6,051.10	-994.01	-5,932.16	5,944.82	0.23	0.15	0.18	
11,829.00	90.92	268.71	6,049.59	-996.50	-6,027.12	6,039.80	0.45	0.02	0.45	
11,924.00	90.77	267.99	6,048.19	-999.23	-6,122.06	6,134.78	0.77	-0.16	-0.76	
12,019.00	90.68	268.55	6,046.99	-1,002.10	-6,217.01	6,229.76	0.60	-0.09	0.59	
12,114.00	90.99	269.04	6,045.60	-1,004.10	-6,311.98	6,324.75	0.61	0.33	0.52	
12,209.00	91.31	269.27	6,043.70	-1,005.50	-6,406.95	6,419.73	0.41	0.34	0.24	
12,304.00	89.76	267.85	6,042.81	-1,007.89	-6,501.91	6,514.71	2.21	-1.63	-1.49	
12,400.00	89.55	268.72	6,043.39	-1,010.76	-6,597.87	6,610.69	0.93	-0.22	0.91	

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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)
12,495.00	89.57	267.74	6,044.12	-1,013.70	-6,692.82	6,705.68	1.03	0.02	-1.03
12,590.00	89.85	268.36	6,044.60	-1,016.93	-6,787.76	6,800.65	0.72	0.29	0.65
12,685.00	90.23	268.70	6,044.53	-1,019.37	-6,882.73	6,895.65	0.54	0.40	0.36
12,780.00	90.35	268.09	6,044.05	-1,022.03	-6,977.69	6,990.63	0.65	0.13	-0.64
12,875.00	89.28	268.33	6,044.36	-1,024.99	-7,072.64	7,085.62	1.15	-1.13	0.25
12,971.00	89.66	269.03	6,045.25	-1,027.20	-7,168.61	7,181.61	0.83	0.40	0.73
13,067.00	89.84	268.44	6,045.67	-1,029.32	-7,264.59	7,277.60	0.64	0.19	-0.61
13,163.00	89.00	269.26	6,046.64	-1,031.25	-7,360.56	7,373.59	1.22	-0.88	0.85
13,259.00	89.46	269.72	6,047.93	-1,032.11	-7,456.55	7,469.58	0.68	0.48	0.48
13,354.00	89.85	269.73	6,048.50	-1,032.56	-7,551.55	7,564.58	0.41	0.41	0.01
13,450.00	90.34	269.95	6,048.34	-1,032.83	-7,647.54	7,660.57	0.56	0.51	0.23
13,545.00	88.31	268.99	6,049.46	-1,033.71	-7,742.53	7,755.56	2.36	-2.14	-1.01
13,641.00	88.76	270.02	6,051.91	-1,034.54	-7,838.49	7,851.52	1.17	0.47	1.07
13,733.00	89.22	270.25	6,053.54	-1,034.32	-7,930.48	7,943.50	0.56	0.50	0.25
13,824.00	89.06	269.91	6,054.90	-1,034.19	-8,021.47	8,034.48	0.41	-0.18	-0.37
13,916.00	89.47	270.61	6,056.08	-1,033.78	-8,113.46	8,126.45	0.88	0.45	0.76
14,009.00	89.15	270.62	6,057.20	-1,032.78	-8,206.44	8,219.42	0.34	-0.34	0.01
14,101.00	89.03	271.62	6,058.66	-1,030.98	-8,298.41	8,311.36	1.09	-0.13	1.09
14,192.00	89.21	270.55	6,060.06	-1,029.26	-8,389.39	8,402.30	1.19	0.20	-1.18
14,284.00	89.47	269.60	6,061.12	-1,029.14	-8,481.38	8,494.28	1.07	0.28	-1.03
14,376.00	89.47	270.92	6,061.97	-1,028.72	-8,573.37	8,586.26	1.43	0.00	1.43
14,468.00	89.80	268.93	6,062.56	-1,028.84	-8,665.36	8,678.25	2.19	0.36	-2.16
14,560.00	90.31	269.08	6,062.47	-1,030.44	-8,757.35	8,770.25	0.58	0.55	0.16
14,652.00	90.35	268.23	6,061.94	-1,032.60	-8,849.32	8,862.24	0.92	0.04	-0.92
14,744.00	90.77	269.09	6,061.04	-1,034.75	-8,941.29	8,954.23	1.04	0.46	0.93
14,836.00	90.50	267.92	6,060.02	-1,037.15	-9,033.25	9,046.22	1.31	-0.29	-1.27
14,928.00	89.37	268.34	6,060.12	-1,040.15	-9,125.20	9,138.20	1.31	-1.23	0.46
15,020.00	89.19	268.21	6,061.28	-1,042.92	-9,217.15	9,230.18	0.24	-0.20	-0.14
15,116.00	89.39	268.70	6,062.47	-1,045.51	-9,313.11	9,326.16	0.55	0.21	0.51
15,211.00	89.35	268.26	6,063.52	-1,048.03	-9,408.07	9,421.15	0.47	-0.04	-0.46
15,308.00	89.81	268.62	6,064.23	-1,050.67	-9,505.03	9,518.13	0.60	0.47	0.37
15,404.00	90.24	269.50	6,064.18	-1,052.24	-9,601.02	9,614.13	1.02	0.45	0.92
15,499.00	90.20	269.22	6,063.82	-1,053.30	-9,696.01	9,709.13	0.30	-0.04	-0.29
15,594.00	90.28	269.48	6,063.42	-1,054.38	-9,791.00	9,804.13	0.29	0.08	0.27
15,689.00	89.57	268.34	6,063.55	-1,056.19	-9,885.99	9,899.13	1.41	-0.75	-1.20
15,785.00	89.96	267.46	6,063.94	-1,059.71	-9,981.92	9,995.10	1.00	0.41	-0.92
15,880.00	90.09	269.00	6,063.90	-1,062.64	-10,076.87	10,090.08	1.63	0.14	1.62
15,976.00	89.33	267.72	6,064.38	-1,065.39	-10,172.83	10,186.06	1.55	-0.79	-1.33
16,070.00	88.02	269.51	6,066.56	-1,067.66	-10,266.77	10,280.03	2.36	-1.39	1.90
16,166.00	88.31	268.67	6,069.63	-1,069.18	-10,362.71	10,375.98	0.93	0.30	-0.88
16,261.00	88.38	268.72	6,072.38	-1,071.35	-10,457.64	10,470.93	0.09	0.07	0.05
16,357.00	88.42	268.63	6,075.06	-1,073.56	-10,553.58	10,566.89	0.10	0.04	-0.09
16,453.00	88.48	269.65	6,077.65	-1,075.00	-10,649.53	10,662.85	1.06	0.06	1.06

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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)
16,549.00	88.31	269.26	6,080.34	-1,075.92	-10,745.49	10,758.82	0.44	-0.18	-0.41
16,645.00	88.23	270.25	6,083.24	-1,076.33	-10,841.44	10,854.77	1.03	-0.08	1.03
16,741.00	88.12	270.51	6,086.30	-1,075.69	-10,937.39	10,950.70	0.29	-0.11	0.27
16,836.00	87.70	269.98	6,089.76	-1,075.29	-11,032.33	11,045.62	0.71	-0.44	-0.56
16,923.71	89.19	269.59	6,092.14	-1,075.62	-11,120.00	11,133.29	1.76	1.70	-0.45
Cross @ 16923.71' MD									
16,932.00	89.33	269.55	6,092.25	-1,075.68	-11,128.29	11,141.58	1.76	1.70	-0.45
17,028.00	89.88	269.80	6,092.91	-1,076.22	-11,224.29	11,237.58	0.63	0.57	0.26
17,124.00	90.12	270.32	6,092.91	-1,076.12	-11,320.29	11,333.57	0.60	0.25	0.54
17,220.00	89.99	270.48	6,092.82	-1,075.45	-11,416.29	11,429.55	0.21	-0.14	0.17
17,315.00	89.95	270.69	6,092.87	-1,074.48	-11,511.28	11,524.52	0.23	-0.04	0.22
17,410.00	90.08	271.40	6,092.84	-1,072.75	-11,606.26	11,619.47	0.76	0.14	0.75
17,505.00	90.72	269.24	6,092.18	-1,072.22	-11,701.25	11,714.45	2.37	0.67	-2.27
17,601.00	91.15	268.82	6,090.61	-1,073.84	-11,797.23	11,810.43	0.63	0.45	-0.44
17,697.00	91.87	268.43	6,088.08	-1,076.15	-11,893.16	11,906.39	0.85	0.75	-0.41
17,792.00	90.67	267.93	6,085.98	-1,079.16	-11,988.09	12,001.35	1.37	-1.26	-0.53
17,888.00	89.09	267.25	6,086.18	-1,083.20	-12,084.00	12,097.31	1.79	-1.65	-0.71
17,983.00	89.47	268.33	6,087.37	-1,086.86	-12,178.92	12,192.27	1.21	0.40	1.14
18,077.00	90.41	267.18	6,087.47	-1,090.55	-12,272.85	12,286.23	1.58	1.00	-1.22
18,172.00	91.25	267.17	6,086.10	-1,095.23	-12,367.72	12,381.16	0.88	0.88	-0.01
18,267.00	89.93	267.68	6,085.12	-1,099.50	-12,462.62	12,476.11	1.49	-1.39	0.54
18,362.00	88.82	267.96	6,086.15	-1,103.11	-12,557.54	12,571.07	1.21	-1.17	0.29
18,457.00	86.23	267.39	6,090.26	-1,106.96	-12,652.37	12,665.94	2.79	-2.73	-0.60
18,552.00	88.10	271.10	6,094.96	-1,108.21	-12,747.22	12,760.80	4.37	1.97	3.91
18,646.00	88.15	271.72	6,098.03	-1,105.89	-12,841.14	12,854.68	0.66	0.05	0.66
18,742.00	86.93	270.54	6,102.15	-1,104.00	-12,937.03	12,950.54	1.77	-1.27	-1.23
18,837.00	89.00	270.29	6,105.53	-1,103.31	-13,031.96	13,045.45	2.19	2.18	-0.26
18,932.00	88.88	269.75	6,107.28	-1,103.28	-13,126.95	13,140.43	0.58	-0.13	-0.57
19,027.00	90.40	269.25	6,107.88	-1,104.11	-13,221.94	13,235.42	1.68	1.60	-0.53
19,122.00	90.75	269.18	6,106.93	-1,105.41	-13,316.93	13,330.42	0.38	0.37	-0.07
19,216.00	90.67	269.03	6,105.76	-1,106.88	-13,410.91	13,424.41	0.18	-0.09	-0.16
19,312.00	92.01	269.58	6,103.52	-1,108.04	-13,506.87	13,520.38	1.51	1.40	0.57
19,407.00	93.06	269.89	6,099.32	-1,108.48	-13,601.78	13,615.28	1.15	1.11	0.33
19,437.00	93.25	269.72	6,097.66	-1,108.59	-13,631.73	13,645.24	0.85	0.63	-0.57
Last MWD Survey @ 19437' MD									
19,505.00	93.25	269.72	6,093.81	-1,108.92	-13,699.62	13,713.12	0.00	0.00	0.00
Projection to TD @ 19505' MD 2436' FNL/ 2579' FEL									

Survey Report

Company:	HighPoint Resources	Local Co-ordinate Reference:	Well RSU Anschutz Fed 4-61-05-2528C
Project:	Weld County, CO (NAD83)	TVD Reference:	KB @ 4518.00usft (Cade 23)
Site:	Sec 04-T04N-R61W	MD Reference:	KB @ 4518.00usft (Cade 23)
Well:	RSU Anschutz Fed 4-61-05-2528C	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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
30° Inclination @ 5862.4 - actual wellpath misses target center by 0.29usft at 5862.43usft MD (5741.12 TVD, -911.67 N, -154.51 E) - Point	0.00	0.00	5,741.09	-911.38	-154.52	1,370,491.39	3,355,444.83	40.343384	-104.224786
Cross @ 6196.46' MD - actual wellpath hits target center - Point	0.00	0.00	5,959.60	-904.82	-402.50	1,370,494.37	3,355,196.79	40.343402	-104.225675
70° Inclination @ 6237.0 - actual wellpath hits target center - Point	0.00	0.00	5,975.61	-905.95	-439.80	1,370,492.72	3,355,159.52	40.343399	-104.225809
Cross @ 11549.72' MD - actual wellpath hits target center - Point	0.00	0.00	6,053.48	-987.91	-5,748.00	1,370,334.39	3,349,853.04	40.343172	-104.244852
Cross @ 16923.71' MD - actual wellpath hits target center - Point	0.00	0.00	6,092.14	-1,075.62	-11,120.00	1,370,169.41	3,344,482.86	40.342927	-104.264124

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
775.00	773.84	-30.79	-4.83	Tie into Surface Surveys	
886.00	884.36	-41.15	-4.83	First MWD Survey @ 886' MD	
5,862.43	5,741.12	-911.67	-154.52	30° Inclination @ 5862.43' MD	
6,196.46	5,959.60	-904.82	-402.50	Cross @ 6196.46' MD	
6,237.08	5,975.61	-905.94	-439.79	70° Inclination @ 6237.08' MD	
11,549.72	6,053.48	-987.91	-5,748.00	Cross @ 11549.72' MD	
16,923.71	6,092.14	-1,075.62	-11,120.00	Cross @ 16923.71' MD	
19,437.00	6,097.66	-1,108.59	-13,631.73	Last MWD Survey @ 19437' MD	
19,505.00	6,093.81	-1,108.92	-13,699.62	Projection to TD @ 19505' MD 2436' FNL/ 2579' FEL	

Checked By: _____	Approved By: _____	Date: _____
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