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

WELL DETAILS: Park 4-63-4 1724C

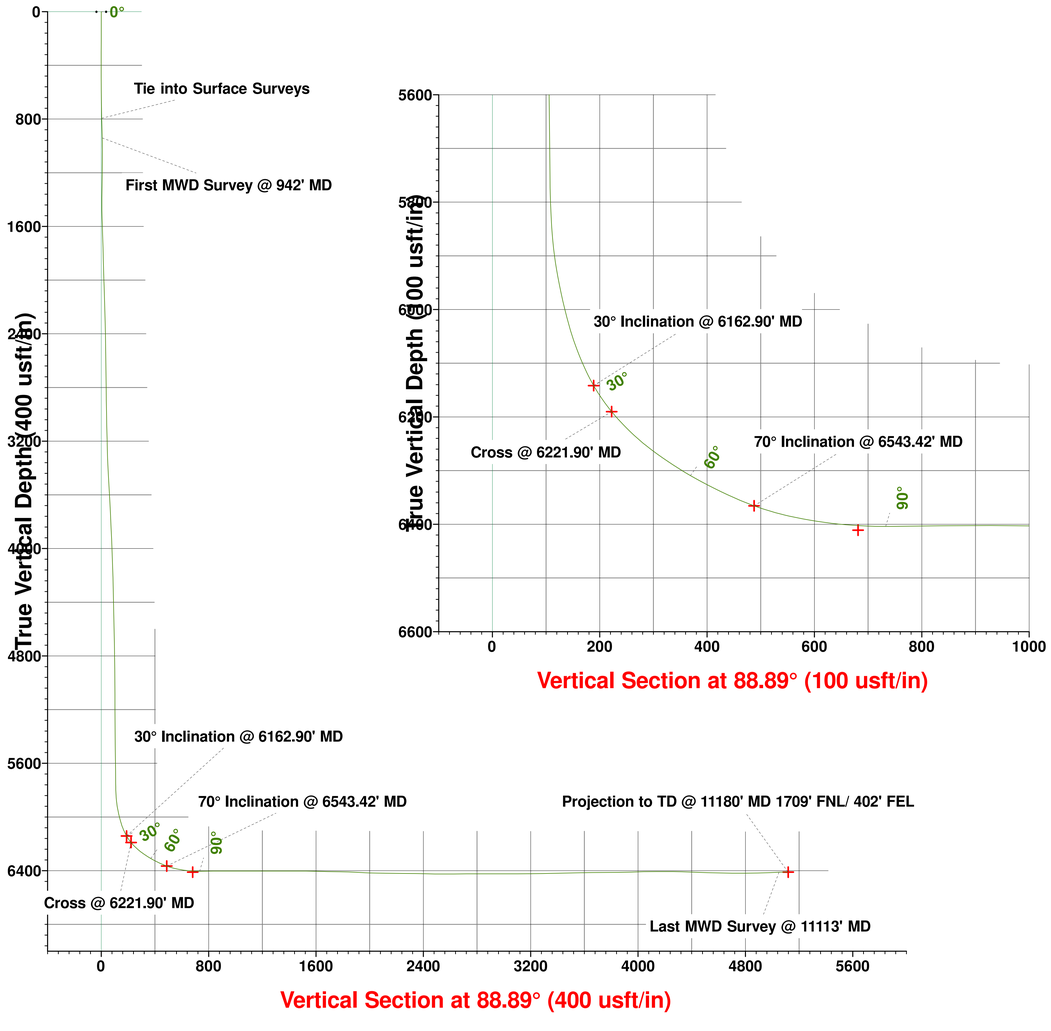
Ground Elevation:: 4560.00
RKB Elevation: KB=23 @ 4583.00usft (Savanna 8)
Rig Name: Savanna 8

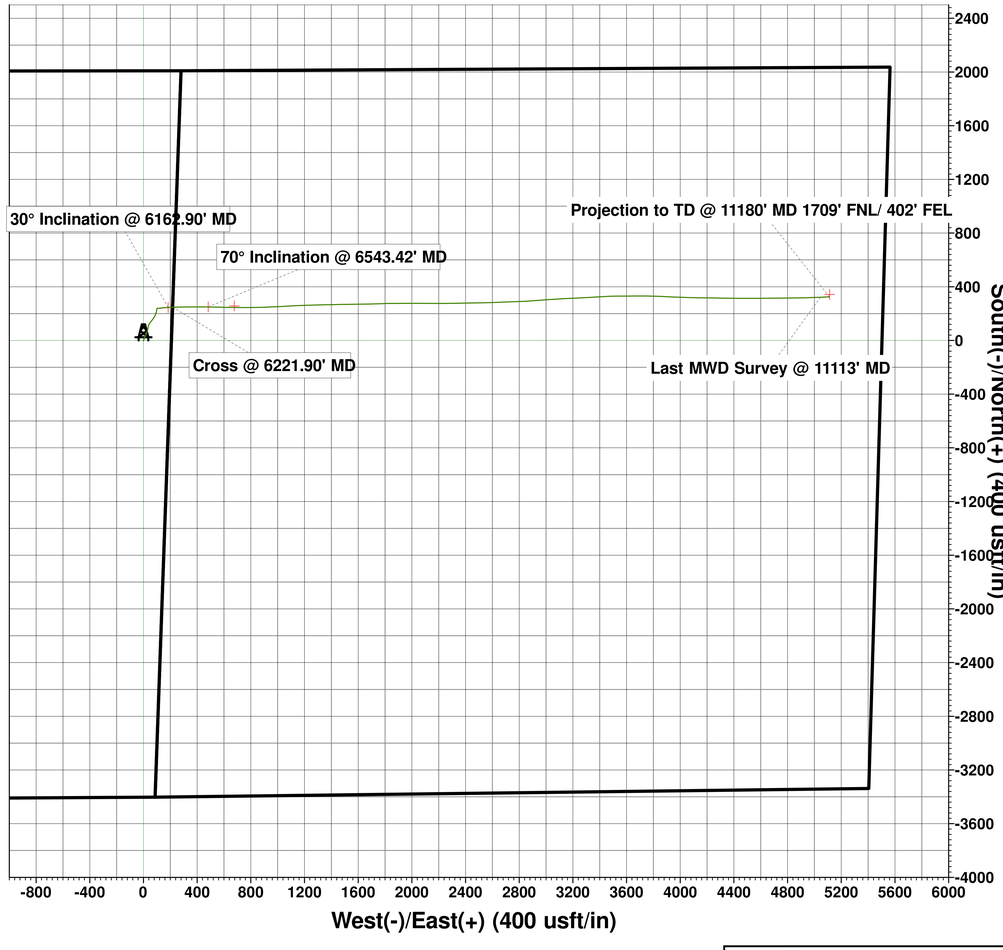
Northing	Easting	Latittude	Longitude
1369653.50	3297079.25	40.343199	-104.434195

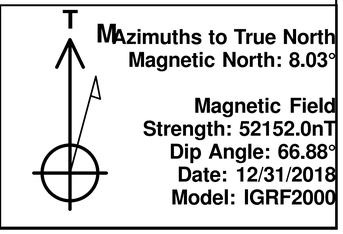
HighPoint Resources
Project: Weld County, CO (NAD83)
Site: Sec 04-T04N-R63W
Well: Park 4-63-4 1724C
Wellbore: Wellbore #1
Design: Wellbore #1 (Park 4-63-4 1724C/Wellbore #1)
Savanna 8

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
795.00	3.47	25.63	794.81	6.17	2.83	2.95	13.03	Tie into Surface Surveys
942.00	4.15	22.09	941.48	15.11	6.75	7.04	22.79	First MWD Survey @ 942' MD
6162.90	29.99	86.57	6141.77	245.93	184.02	188.75	369.24	30° Inclination @ 6162.90' MD
6221.90	39.32	87.84	6190.25	247.52	217.50	222.25	401.50	Cross @ 6221.90' MD
6543.42	70.00	90.78	6365.66	249.99	482.88	487.63	666.49	70° Inclination @ 6543.42' MD
11113.00	92.31	87.75	6411.96	322.21	5045.08	5050.37	5230.52	Last MWD Survey @ 11113' MD
11180.00	92.31	87.75	6409.26	324.84	5111.97	5117.30	5297.46	Projection to TD @ 11180' MD 1709' FNL/ 402' FEL







Directional Survey Report

Company Name:	Highpoint Resources	State/Prov:	Colorado	Survey Company:	Atlas Drilling Services	Proposed Azimuth:	89.14
Well Name:	Park 4-63-4 1724c	County:	Weld	Job Number:	00152HI-CO	Declination:	8.04
Field:	DJ Basin	Location:	Kersey	Latitude:	40.34324	North Reference:	True
Rig ID:	Savanna 803	API/UWI:	05-123-49079	Longitude:	-104.43419	KB:	23

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS	Northing	Easting	A/B	L/R	GTot	HTot	DipA
Tiein	795	3.47	25.63	794.81	6.17	2.83	2.92	0	6.17	2.83			0	0	0
1	942	4.15	22.09	941.48	15.11	6.75	6.98	0.49	15.11	6.75			1.00	0.53	67.60
2	1032	1.33	12.75	1,031.37	19.15	8.21	8.50	3.16	19.15	8.21			1.00	0.53	67.70
3	1121	0.97	223.30	1,120.37	19.61	7.92	8.21	2.50	19.61	7.92			1.00	0.53	67
4	1211	1.10	219.42	1,210.35	18.38	6.85	7.13	0.16	18.38	6.85			1.00	0.53	66.80
5	1300	1.19	230.09	1,299.33	17.13	5.60	5.86	0.26	17.13	5.60			1.00	0.52	67.10
6	1388	1.46	225.06	1,387.31	15.75	4.10	4.34	0.33	15.75	4.10			1.00	0.53	66.90
7	1478	1.86	44.52	1,477.30	15.98	4.32	4.56	3.69	15.98	4.32			1.00	0.52	67.30
8	1571	3.76	29.49	1,570.18	19.72	6.88	7.17	2.17	19.72	6.88			1.00	0.53	66.80
9	1666	3.54	27.86	1,664.99	25.02	9.78	10.16	0.26	25.02	9.78			1.00	0.53	67
10	1761	3.27	25.35	1,759.82	30.06	12.31	12.76	0.32	30.06	12.31			1.00	0.53	66.90
11	1855	3.27	28.52	1,853.67	34.84	14.74	15.26	0.19	34.84	14.74			-9999	0.53	67
12	1950	3.09	27.55	1,948.52	39.49	17.22	17.81	0.20	39.49	17.22			1.00	0.53	67
13	2045	5.04	23.67	2,043.28	45.58	20.08	20.76	2.07	45.58	20.08			-9999	0.53	67.10
14	2139	4.55	19	2,136.95	52.89	22.95	23.74	0.67	52.89	22.95			1.00	0.53	67
15	2233	4.33	21.51	2,230.67	59.72	25.46	26.36	0.31	59.72	25.46			1.00	0.53	67.10
16	2328	4.11	17.11	2,325.41	66.31	27.78	28.77	0.41	66.31	27.78			1.00	0.53	67.10
17	2423	3.89	14.64	2,420.18	72.68	29.60	30.68	0.29	72.68	29.60			1.00	0.53	67.10
18	2518	3.98	13.76	2,514.95	79.00	31.19	32.38	0.11	79.00	31.19			1.00	0.53	67.10
19	2612	3.98	11.60	2,608.73	85.36	32.63	33.90	0.16	85.36	32.63			1.00	0.53	67
20	2708	3.76	9.75	2,704.51	91.73	33.83	35.20	0.26	91.73	33.83			1.00	0.53	67
21	2801	3.67	7.71	2,797.31	97.68	34.75	36.21	0.17	97.68	34.75			1.00	0.53	-9999
22	2896	3.49	6.34	2,892.13	103.57	35.47	37.02	0.21	103.57	35.47			1.00	0.53	67.10
23	2990	2.96	22.79	2,985.98	108.65	36.73	38.36	1.13	108.65	36.73			1.00	0.53	67.10
24	3085	2.56	23.89	3,080.87	112.85	38.54	40.23	0.42	112.85	38.54			1.00	0.53	66.90
25	3181	3.62	24.86	3,176.73	117.56	40.68	42.44	1.11	117.56	40.68			1.00	0.53	-9999
26	3275	3.27	21.60	3,270.56	122.75	42.91	44.75	0.43	122.75	42.91			1.00	0.53	-9999
27	3371	4.51	33.94	3,366.34	128.43	46.03	47.95	1.55	128.43	46.03			1.00	0.53	67.10
28	3465	4.99	36.45	3,460.02	134.78	50.52	52.54	0.56	134.78	50.52			1.00	0.53	67.10
29	3560	4.91	43.33	3,554.66	141.06	55.77	57.88	0.63	141.06	55.77			1.00	0.53	67.20
30	3655	4.99	37.91	3,649.31	147.28	61.10	63.30	0.50	147.28	61.10			-9999	-9999	67.10
31	3749	4.46	33.77	3,742.99	153.54	65.64	67.94	0.67	153.54	65.64			-9999	0.53	67
32	3844	4.37	33.85	3,837.71	159.62	69.71	72.10	0.09	159.62	69.71			1.00	-9999	67.10
33	3938	3.93	37.64	3,931.46	165.14	73.67	76.14	0.55	165.14	73.67			1.00	0.53	67.20

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS	Northing	Easting	A/B	L/R	GTot	HTot	DipA
34	4032	3.62	32.09	4,025.26	170.21	77.21	79.76	0.51	170.21	77.21			1.00	0.53	66.90
35	4127	3.71	32.13	4,120.06	175.35	80.44	83.07	0.09	175.35	80.44			-9999	0.53	67.10
36	4222	3.31	31.39	4,214.88	180.30	83.51	86.20	0.42	180.30	83.51			1.00	0.53	67.10
37	4317	2.78	24.64	4,309.75	184.73	85.89	88.66	0.67	184.73	85.89			1.00	0.53	67.10
38	4412	3	25.17	4,404.63	189.08	87.91	90.74	0.23	189.08	87.91			1.00	0.53	67.20
39	4507	3.36	17.81	4,499.48	193.98	89.82	92.72	0.57	193.98	89.82			1.00	0.53	67
40	4601	3.18	21.16	4,593.33	199.03	91.60	94.58	0.28	199.03	91.60			1.00	0.53	66.90
41	4720	2.39	22.75	4,712.19	204.40	93.76	96.81	0.67	204.40	93.76			1.00	0.53	67
42	4814	2.34	19.27	4,806.11	208.02	95.15	98.26	0.16	208.02	95.15			1.00	0.53	67
43	4909	2.08	18.65	4,901.04	211.48	96.34	99.50	0.27	211.48	96.34			1.00	-9999	66.90
44	5003	2.92	4.76	4,994.95	215.48	97.08	100.31	1.10	215.48	97.08			1.00	0.53	67.10
45	5098	2.47	4.40	5,089.84	219.93	97.44	100.73	0.47	219.93	97.44			1.00	0.53	67
46	5192	1.86	4.84	5,183.78	223.47	97.72	101.07	0.65	223.47	97.72			1.00	0.53	67.10
47	5287	2.74	10.41	5,278.70	227.24	98.26	101.66	0.95	227.24	98.26			1.00	0.53	67.10
48	5382	2.61	8.56	5,373.59	231.62	99.00	102.46	0.16	231.62	99.00			1.00	0.53	-9999
49	5476	2.30	12.79	5,467.51	235.57	99.73	103.26	0.38	235.57	99.73			1.00	0.53	67.10
50	5570	0.93	50.78	5,561.47	237.89	100.74	104.30	1.77	237.89	100.74			1.00	0.53	67.20
51	5665	0.75	54.34	5,656.46	238.74	101.84	105.42	0.20	238.74	101.84			1.00	0.53	67.10
52	5759	0.49	62.32	5,750.45	239.29	102.70	106.28	0.29	239.29	102.70			1.00	0.53	67.10
53	5853	3.45	90.30	5,844.39	239.46	105.89	109.47	3.22	239.46	105.89			1.00	0.53	67.20
54	5948	10.38	85.59	5,938.64	240.10	117.29	120.88	7.31	240.10	117.29			1.00	0.53	67.10
55	6042	15.73	83.69	6,030.18	242.16	138.41	142.03	5.71	242.16	138.41			1.00	0.53	67.10
56	6135	25.59	85.68	6,117.09	245.06	171.05	174.71	10.63	245.06	171.05			1.00	0.53	67.10
57	6232	40.92	88.01	6,197.97	247.76	224.01	227.70	15.86	247.76	224.01			1.00	0.53	67.10
58	6327	53.20	88.94	6,262.56	249.55	293.40	297.11	12.95	249.55	293.40			1.00	0.53	66.90
59	6422	60.80	89.86	6,314.27	250.36	373.01	376.72	8.04	250.36	373.01			1.00	0.52	66.90
60	6516	66.99	90.30	6,355.61	250.23	457.38	461.08	6.60	250.23	457.38			1.00	0.52	67
61	6611	77.42	91.89	6,384.60	248.47	547.69	551.35	11.09	248.47	547.69			1.00	0.52	67
62	6705	84.18	91.23	6,399.62	245.95	640.39	644.01	7.22	245.95	640.39			1.00	0.52	66.90
63	6800	90.46	89.33	6,404.06	245.49	735.23	738.83	6.91	245.49	735.23			1.00	0.52	66.90
64	6894	91.07	89.64	6,402.81	246.33	829.22	832.82	0.73	246.33	829.22			1.00	0.52	66.70
65	6989	89.31	87.84	6,402.49	248.42	924.19	927.81	2.65	248.42	924.19			1.00	0.52	66.70
66	7083	89.93	86.91	6,403.12	252.73	1,018.09	1,021.76	1.19	252.73	1,018.09			1.00	0.52	66.80
67	7178	90.28	86.51	6,402.94	258.18	1,112.93	1,116.68	0.56	258.18	1,112.93			1.00	0.52	66.90
68	7273	89.53	88.81	6,403.10	262.06	1,207.84	1,211.64	2.55	262.06	1,207.84			1.00	0.52	66.80
69	7365	90.63	88.06	6,402.97	264.57	1,299.81	1,303.63	1.45	264.57	1,299.81			1.00	0.52	66.90
70	7459	89.48	89.11	6,402.88	266.89	1,393.77	1,397.62	1.66	266.89	1,393.77			1.00	0.52	66.90
71	7554	90.50	89.03	6,402.90	268.43	1,488.76	1,492.62	1.08	268.43	1,488.76			1.00	0.52	66.90
72	7649	88.16	89.33	6,404.01	269.79	1,583.74	1,587.61	2.48	269.79	1,583.74			1.00	0.52	66.80
73	7743	88.69	88.50	6,406.59	271.57	1,677.68	1,681.57	1.05	271.57	1,677.68			1.00	0.52	66.70
74	7838	89.40	88.10	6,408.18	274.39	1,772.63	1,776.55	0.86	274.39	1,772.63			1.00	0.52	66.90
75	7932	87.45	89.95	6,410.76	275.99	1,866.57	1,870.50	2.86	275.99	1,866.57			1.00	0.52	66.90
76	8027	87.14	89.25	6,415.24	276.65	1,961.46	1,965.39	0.81	276.65	1,961.46			1.00	0.52	66.80
77	8121	89.13	90.92	6,418.30	276.51	2,055.40	2,059.32	2.76	276.51	2,055.40			-9999	0.52	-9999
78	8215	89.26	89.82	6,419.62	275.91	2,149.39	2,153.29	1.18	275.91	2,149.39			-9999	-9999	66.90

Svy	Depth	Inc	Azm	TVD	NS	EW	VS	DLS	Northing	Easting	A/B	L/R	GTot	HTot	DipA
79	8309	89.40	89.73	6,420.72	276.27	2,243.38	2,247.28	0.18	276.27	2,243.38			-9999	0.52	66.80
80	8404	89.09	88.94	6,421.97	277.38	2,338.37	2,342.27	0.89	277.38	2,338.37			1.00	0.52	-9999
81	8499	88.51	88.94	6,423.96	279.13	2,433.33	2,437.25	0.61	279.13	2,433.33			1.00	0.52	-9999
82	8593	90.28	89.03	6,424.96	280.80	2,527.31	2,531.24	1.89	280.80	2,527.31			-9999	0.52	66.90
83	8688	90.28	87.66	6,424.49	283.54	2,622.26	2,626.22	1.44	283.54	2,622.26			-9999	0.52	66.90
84	8783	90.37	88.01	6,423.95	287.13	2,717.19	2,721.20	0.38	287.13	2,717.19			1.00	0.52	66.90
85	8878	90.28	87.88	6,423.41	290.54	2,812.13	2,816.18	0.17	290.54	2,812.13			1.00	0.52	66.80
86	8972	89.66	85.59	6,423.46	295.89	2,905.97	2,910.09	2.52	295.89	2,905.97			1.00	0.52	66.90
87	9067	90.10	85.85	6,423.66	302.98	3,000.71	3,004.92	0.54	302.98	3,000.71			1.00	0.52	66.90
88	9161	89.97	86.16	6,423.60	309.53	3,094.48	3,098.78	0.36	309.53	3,094.48			1.00	0.52	66.80
89	9255	90.68	87.92	6,423.07	314.38	3,188.35	3,192.71	2.02	314.38	3,188.35			1.00	0.52	66.80
90	9350	91.07	86.91	6,421.62	318.67	3,283.24	3,287.65	1.14	318.67	3,283.24			1.00	0.52	66.70
91	9444	91.21	86.56	6,419.75	324.02	3,377.07	3,381.55	0.40	324.02	3,377.07			1.00	0.52	66.90
92	9539	91.25	87.57	6,417.71	328.88	3,471.92	3,476.46	1.06	328.88	3,471.92			1.00	0.52	66.80
93	9633	90.85	90.35	6,415.99	330.59	3,565.88	3,570.44	2.99	330.59	3,565.88			-9999	0.52	66.90
94	9728	91.07	89.16	6,414.40	331.00	3,660.86	3,665.42	1.27	331.00	3,660.86			1.00	0.52	66.80
95	9822	90.28	90.44	6,413.29	331.32	3,754.85	3,759.40	1.60	331.32	3,754.85			-9999	0.52	66.90
96	9916	90.59	92.68	6,412.58	328.76	3,848.81	3,853.31	2.41	328.76	3,848.81			1.00	0.52	66.90
97	10010	91.34	92.77	6,410.99	324.30	3,942.69	3,947.11	0.80	324.30	3,942.69			1.00	0.52	66.80
98	10104	92.40	91.80	6,407.93	320.55	4,036.56	4,040.92	1.53	320.55	4,036.56			1.00	0.52	66.80
99	10199	89.26	91.10	6,406.55	318.15	4,131.51	4,135.82	3.39	318.15	4,131.51			1.00	0.52	66.90
100	10293	90.46	90.48	6,406.78	316.85	4,225.50	4,229.78	1.44	316.85	4,225.50			1.00	0.52	-9999
101	10387	87.76	91.10	6,408.24	315.56	4,319.47	4,323.72	2.95	315.56	4,319.47			1.00	0.52	66.80
102	10483	88.16	90.66	6,411.66	314.08	4,415.39	4,419.61	0.62	314.08	4,415.39			1.00	0.52	66.90
103	10575	88.29	89.69	6,414.51	313.80	4,507.35	4,511.55	1.06	313.80	4,507.35			1.00	0.52	66.90
104	10670	88.56	89.77	6,417.12	314.25	4,602.31	4,606.51	0.30	314.25	4,602.31			1.00	0.52	66.90
105	10764	89.26	89.33	6,418.91	314.99	4,696.29	4,700.49	0.88	314.99	4,696.29			1.00	0.52	66.80
106	10858	90.41	89.42	6,419.18	316.01	4,790.28	4,794.49	1.23	316.01	4,790.28			1.00	0.52	66.90
107	10953	91.52	89.03	6,417.58	317.30	4,885.26	4,889.47	1.24	317.30	4,885.26			1.00	0.52	66.90
108	11047	92.18	87.97	6,414.54	319.76	4,979.18	4,983.42	1.33	319.76	4,979.18			1.00	0.52	66.90
109	11113	92.31	87.75	6,411.96	322.22	5,045.08	5,049.35	0.39	322.22	5,045.08			1.00	0.52	66.80
PTB	11180	92.31	87.75	6,409.26	324.85	5,111.97	5,116.27	0	324.85	5,111.97			0	0	0