



Crestone Peak Resources

FINAL PLOT

Well Name: **Kugel 1L-18H-H267**

Surface Location: Kugel Pad Sec.18-T2N-R67W

North American Datum 1983, US State Plane 1983, Colorado Northern Zone

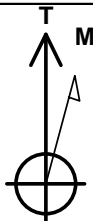
Ground Elevation: 4953.0

+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1294190.36 3160350.28 40.139523 -104.926457

Ensign 153 RKB - 23' WELL @ 4976.0ft (Ensign 153 RKB - 23')

WELLBORE TARGET DETAILS

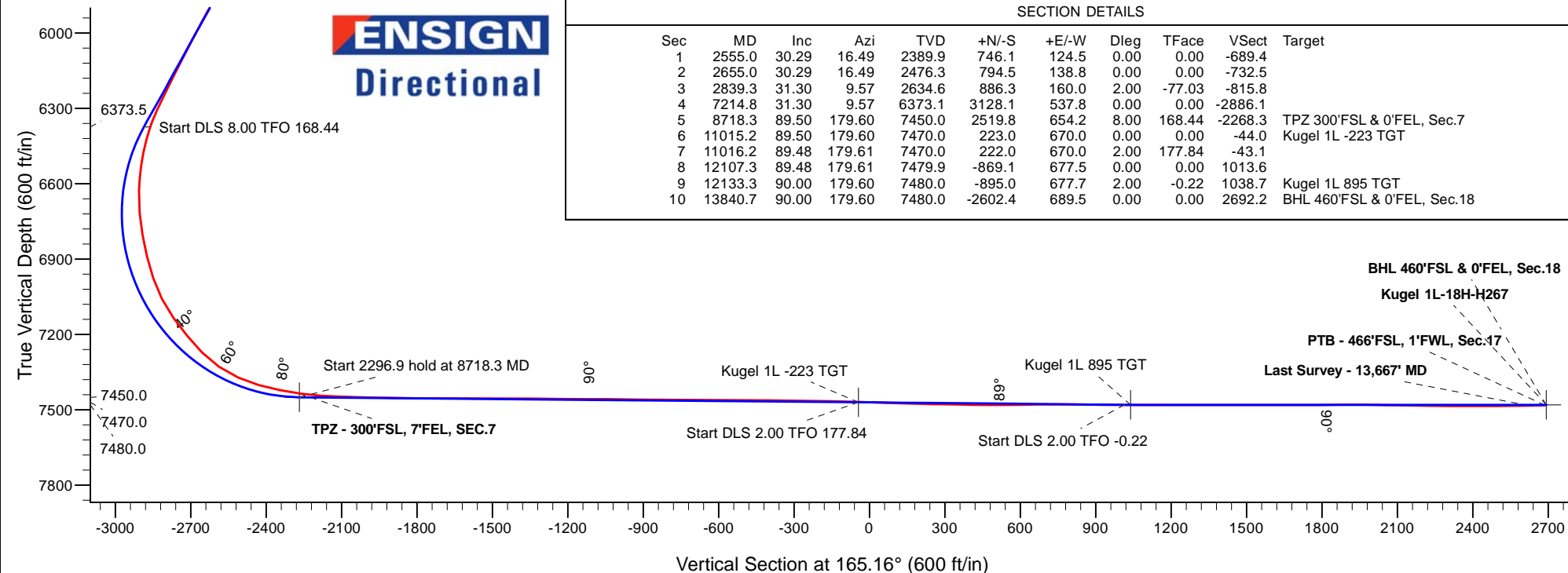
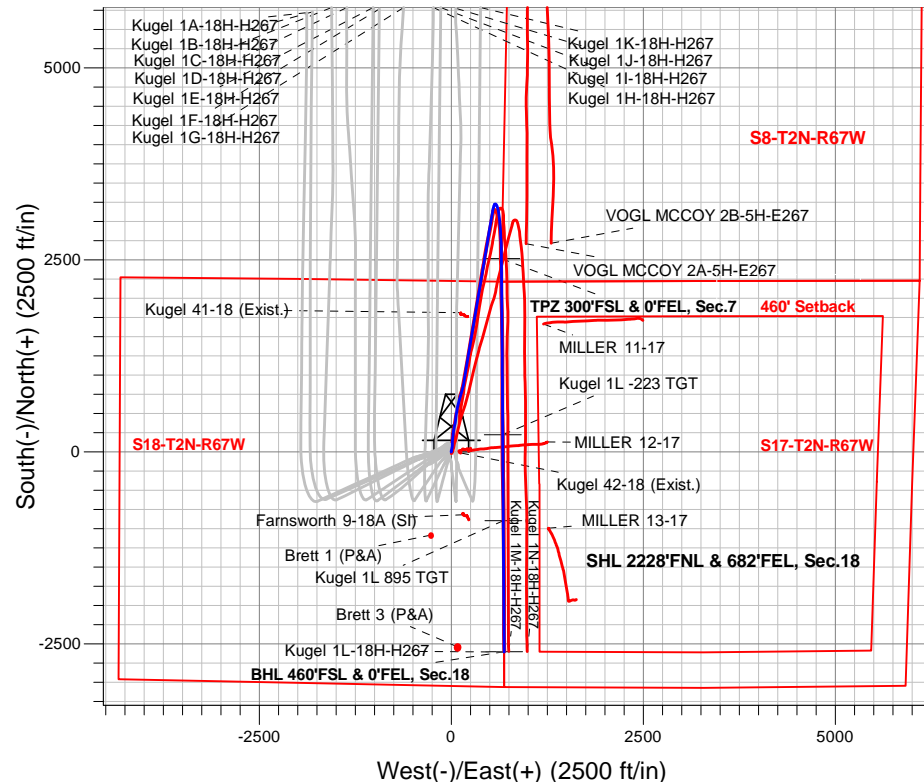
Name	TVD	+N/-S	+E/-W	Shape
SHL 2228'FNL & 682'FEL, Sec.18	1.0	0.0	0.0	Point
TPZ 300'FSL & 0'FEL, Sec.7	7450.0	2519.8	654.2	Point
Kugel 1L -223 TGT	7470.0	223.0	670.0	Point
BHL 460'FSL & 0'FEL, Sec.18	7480.0	-2602.4	689.5	Point
Kugel 1L 895 TGT	7480.0	-895.0	677.7	Point



Azimuths to True North
Magnetic North: 8.30°

Magnetic Field
Strength: 52044.9nT
Dip Angle: 66.52°
Date: 6/12/2019
Model: HDGM

Kugel Pad Sec.18-T2N-R67W
Kugel 1L-18H-H267
Plan #5 (6-12-19)
7:59, July 12 2019



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	2555.0	30.29	16.49	2389.9	746.1	124.5	0.00	0.00	-689.4	
2	2655.0	30.29	16.49	2476.3	794.5	138.8	0.00	0.00	-732.5	
3	2839.3	31.30	9.57	2634.6	886.3	160.0	2.00	-77.03	-815.8	
4	7214.8	31.30	9.57	6373.1	3128.1	537.8	0.00	0.00	-2886.1	
5	8718.3	89.50	179.60	7450.0	2519.8	654.2	8.00	168.44	-2268.3	TPZ 300'FSL & 0'FEL, Sec.7
6	11015.2	89.50	179.60	7470.0	223.0	670.0	0.00	0.00	-44.0	Kugel 1L -223 TGT
7	11016.2	89.48	179.61	7470.0	222.0	670.0	2.00	177.84	-43.1	
8	12107.3	89.48	179.61	7479.9	-869.1	677.5	0.00	0.00	1013.6	
9	12133.3	90.00	179.60	7480.0	-895.0	677.7	2.00	-0.22	1038.7	Kugel 1L 895 TGT
10	13840.7	90.00	179.60	7480.0	-2602.4	689.5	0.00	0.00	2692.2	BHL 460'FSL & 0'FEL, Sec.18