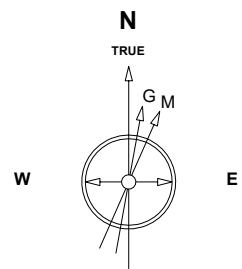


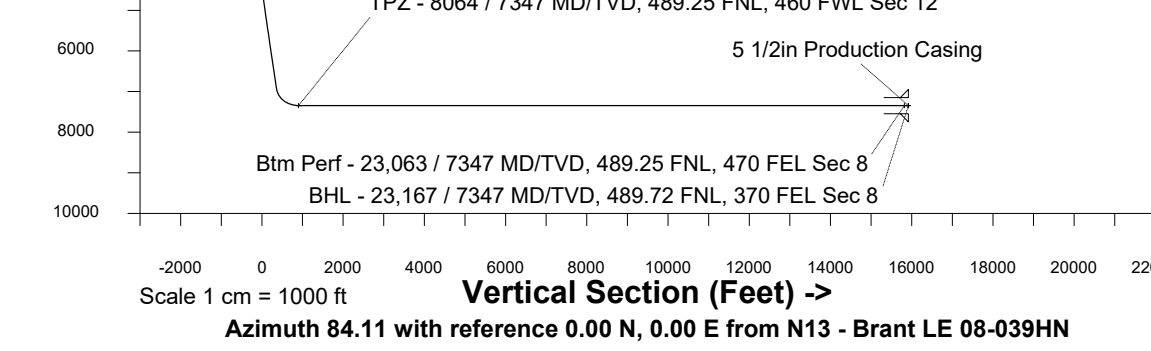
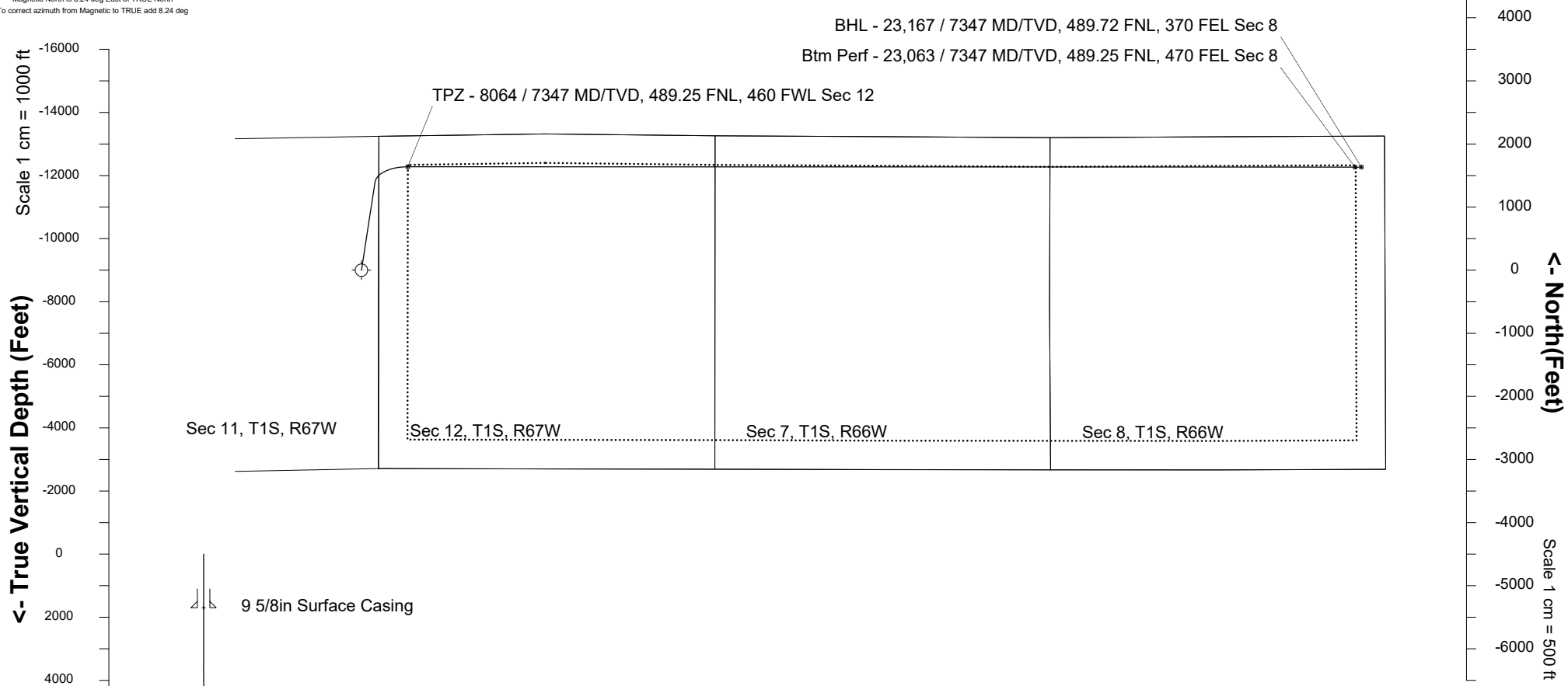
Great Western Operating Company, LLC



Apr-14-2017
IGRF Model [1900.0-2020.0] Dip: 66.51 deg Field: 52184.6 nT
Lat: N39 58 49.6308 Long: W104 50 52.6488 Elev: 4972.00 ft
Magnetic North is 8.24 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.24 deg

Location	Colorado	Slot	N13 - Brant LE 08-039HN
Field	Wattenburg	Well	Brant LE 08-039HN
Installation	Brant	Wellbore	Brant LE 08-039HN (PWB)

Created by admin
Date plotted 25-Jan-2019
Plot reference is Brant LE 08-039HN (PWB).
Ref wellpath is Brant LE 08-039HN (PWP#1).
Coordinates are in Feet reference N13 - Brant LE 08-039HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4992.00 ft.
Plot North is aligned to TRUE North.



WELL PROFILE DATA								
Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		0.00
KOP	3963.00	0.00	8.76	3963.00	S 0.00	W 0.00	0.00	0.00
End of Build	4963.09	30.00	8.76	4918.01	N 252.93	E 38.98	3.00	64.73
End of Hold	7285.24	30.00	8.76	6929.00	N 1400.56	E 215.86	0.00	358.45
Target TPZ - ...Sec 12	8063.80	90.00	90.02	7347.00	N 1638.93	E 735.30	11.00	899.62
Target Btm Pe... Sec 8	23063.29	90.00	90.02	7347.00	N 1633.70	E 15734.79	0.00	15819.37
End of Turn	23063.73	90.00	89.96	7347.00	N 1633.70	E 15735.23	13.00	15819.80
T.D. & Target BHL...c 8	23163.89	90.00	89.96	7347.00	N 1633.77	E 15835.39	0.00	15919.45