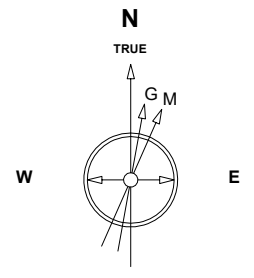


Great Western Operating Company, LLC

Location	Colorado	Slot	N01 - Brant LE 08-199HC
Field	Wattenburg	Well	Brant LE 08-199HC
Installation	Brant	Wellbore	Brant LE 08-199HC (PWB)

Created by admin
 Date plotted 25-Jan-2019
 Plot reference is Brant LE 08-199HC (PWB).
 Ref wellpath is Brant LE 08-199HC (PWP#1).
 Coordinates are in Feet reference N01 - Brant LE 08-199HC.
 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.

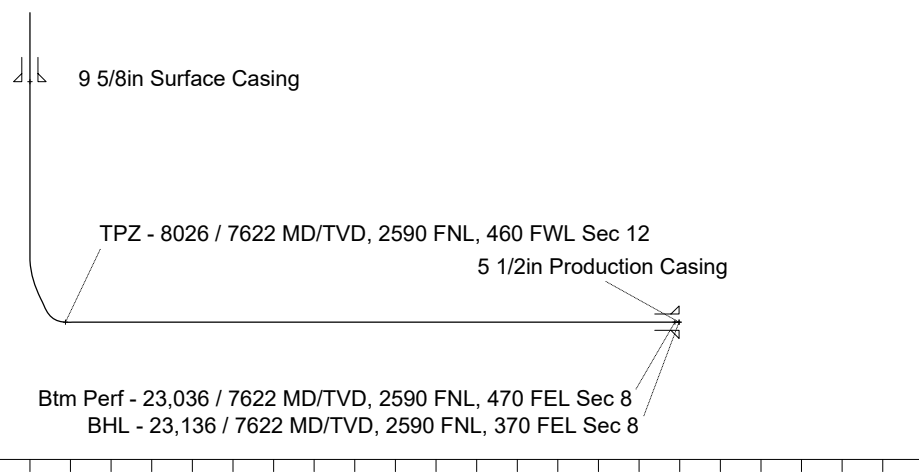
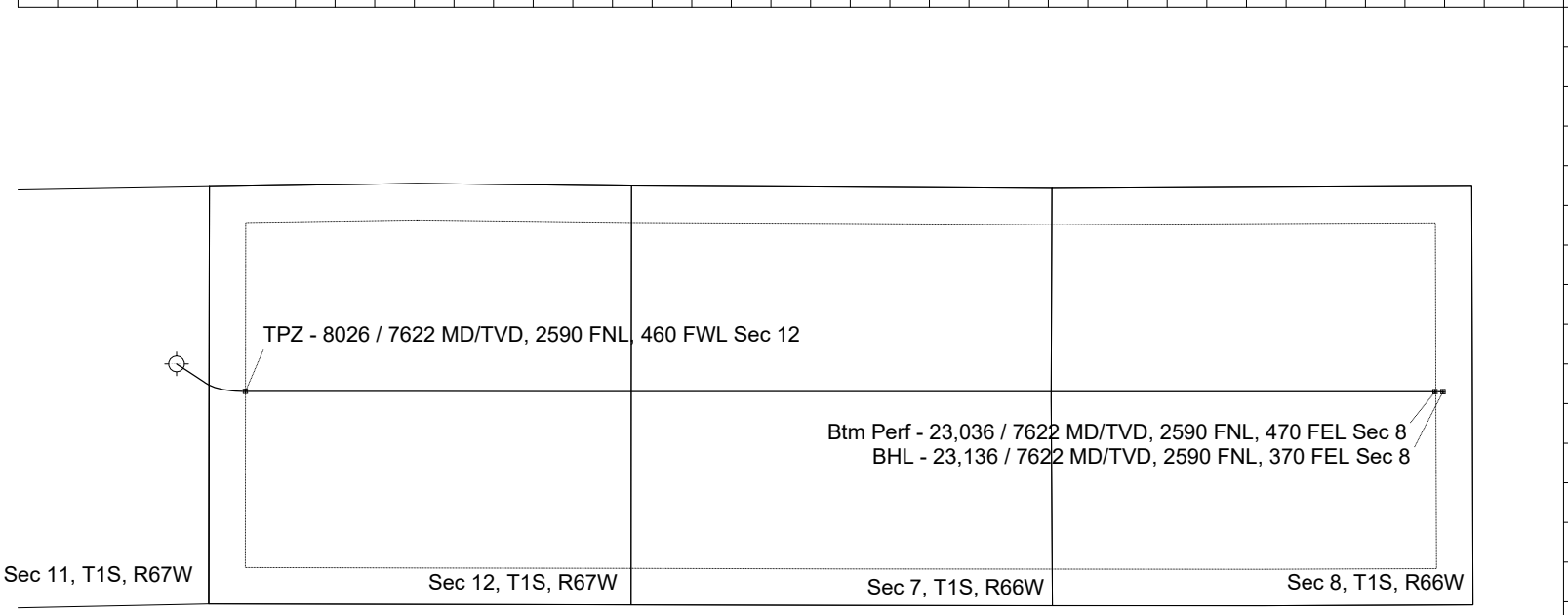


Apr-14-2017
 IGRF Model [1900.0-2020.0] Dip: 66.51 deg Field: 52184.6 nT
 Lat: N39 58 49.6308 Long: W104 50 52.6488 Elev: 4972.00 ft
 Magnetic North is 8.24 deg East of TRUE North
 To correct azimuth from Magnetic to TRUE, add 8.24 deg

Scale 1 cm = 1000 ft

North (Feet)

Scale 1 cm = 500 ft



Scale 1 cm = 1000 ft

Vertical Section (Feet) ->

Azimuth 91.26 with reference 0.00 N, 0.00 E from N01 - Brant LE 08-199HC

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	5978.00	0.00	123.17	5978.00	S 0.00	W 0.00	0.00	0.00
End of Build	6936.72	28.76	123.17	6896.96	S 128.92	E 197.22	3.00	200.01
End of Hold	7423.96	28.76	123.17	7324.09	S 257.20	E 393.45	0.00	399.02
Target TPZ - ...Sec 12	8026.18	90.00	90.02	7622.00	S 346.78	E 870.17	11.00	877.58
Target Btm Pe... Sec 8	23035.90	90.00	90.02	7622.00	S 351.56	E 15879.89	0.00	15883.78
End of Turn	23036.33	90.00	89.96	7622.00	S 351.56	E 15880.31	13.00	15884.20
T.D. & Target BHL...c 8	23136.23	90.00	89.96	7622.00	S 351.50	E 15980.22	0.00	15984.08