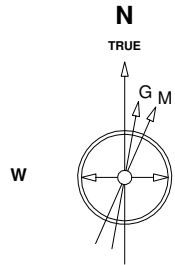


Great Western Operating Company, LLC

Location Colorado **Slot** N11 - Brant LE 08-042HNX
Field Wattenburg **Well** Brant LE 08-042HNX
Installation Brant **Wellbore** Brant LE 08-042HNX (PWB)

Created by admin
 Date plotted 24-Aug-2017
 Plot reference is Brant LE 08-042HNX (PWB).
 Ref wellpath is Brant LE 08-042HNX (PWP#1).
 Coordinates are in Feet reference N11 - Brant LE 08-042HNX.
 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.



Scale 1 cm = 500 ft

East (Feet) ->

-2000 -1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000

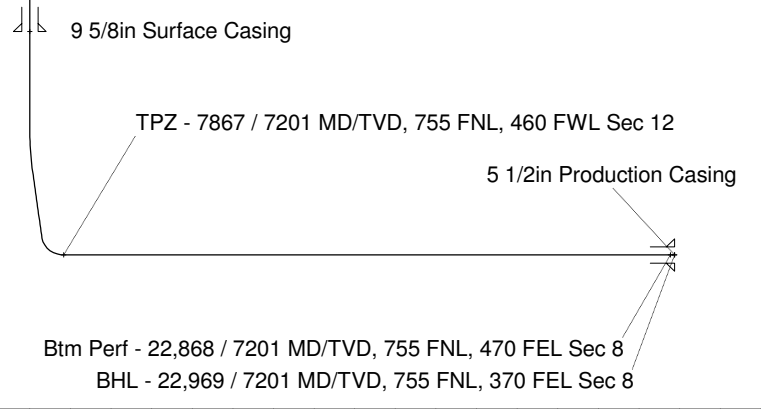
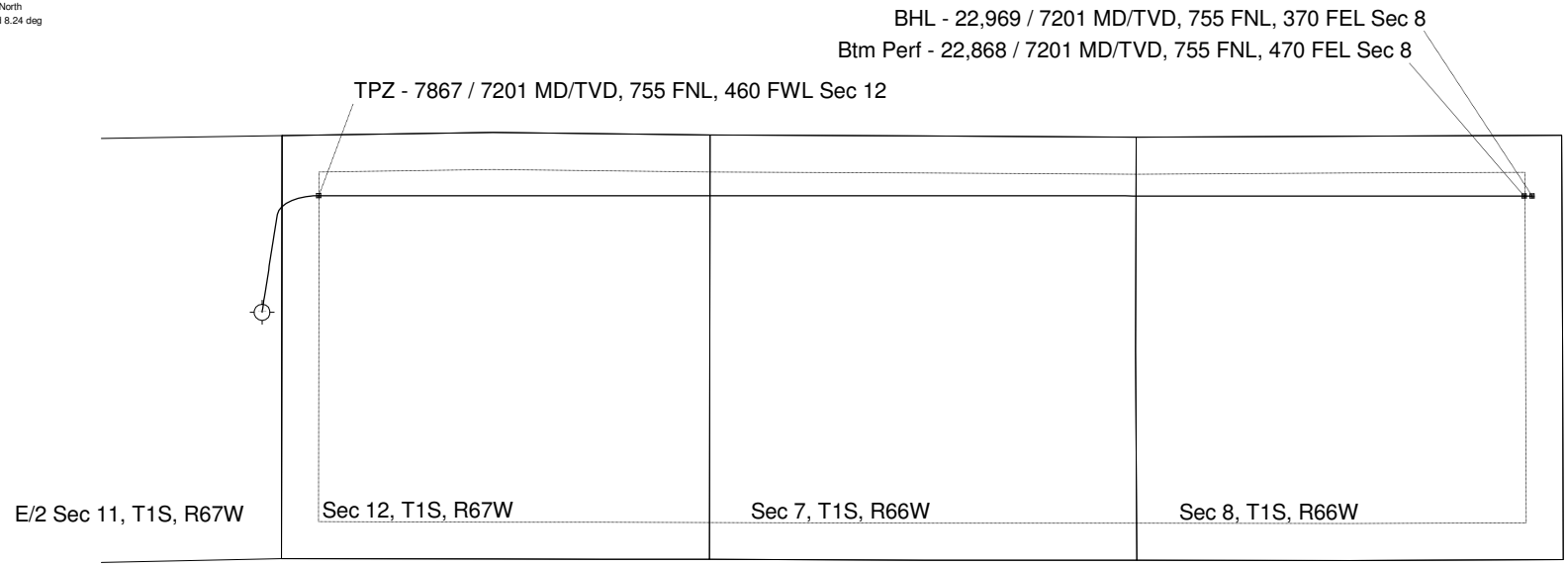
14-Apr-2017
 IGRF Model [1900.0-2020.0] Dip: 66.51 deg Field: 52184.6 nT
 Lat: N39 58 49.6308 Long: W104 50 52.6488 Elev: 4972.00 ft
 Magnetic North is 8.24 deg East of TRUE North
 To correct azimuth from Magnetic to TRUE add 8.24 deg

Scale 1 cm = 1000 ft

Scale 1 cm = 500 ft

<- True Vertical Depth (Feet)

<- North(Feet)



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	4144.00	0.00	8.81	4144.00	S 0.00	W 0.00	0.00	0.00
End of Build	5144.03	30.00	8.81	5098.96	N 252.87	E 39.20	9.84	62.08
End of Hold	7088.81	30.00	8.81	6783.17	N 1213.81	E 188.15	0.00	298.02
Target TPZ - ...Sec 12	7867.15	90.00	90.02	7201.00	N 1452.05	E 707.57	36.09	837.00
Target Btm Pe... Sec 8	22868.48	90.00	90.02	7201.00	N 1447.17	E 15708.90	0.00	15775.42
End of Turn	22869.03	90.00	89.96	7201.00	N 1447.17	E 15709.45	32.81	15775.96
T.D. & Target BHL...c 8	22968.80	90.00	89.96	7201.00	N 1447.24	E 15809.22	0.00	15875.32

Scale 1 cm = 1000 ft

Vertical Section (Feet) ->

Azimuth 84.77 with reference 0.00 N, 0.00 E from N11 - Brant LE 08-042HNX