

Great Western Operating Company, LLC

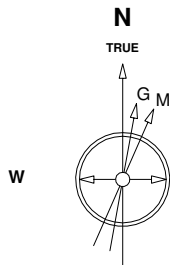
Location Colorado
Field Wattenburg
Installation Brant

Slot N08 - Brant LE 08-082HC
Well Brant LE 08-082HC
Wellbore Brant LE 08-082HC (PWB)

Created by admin

Date plotted 24-Aug-2017

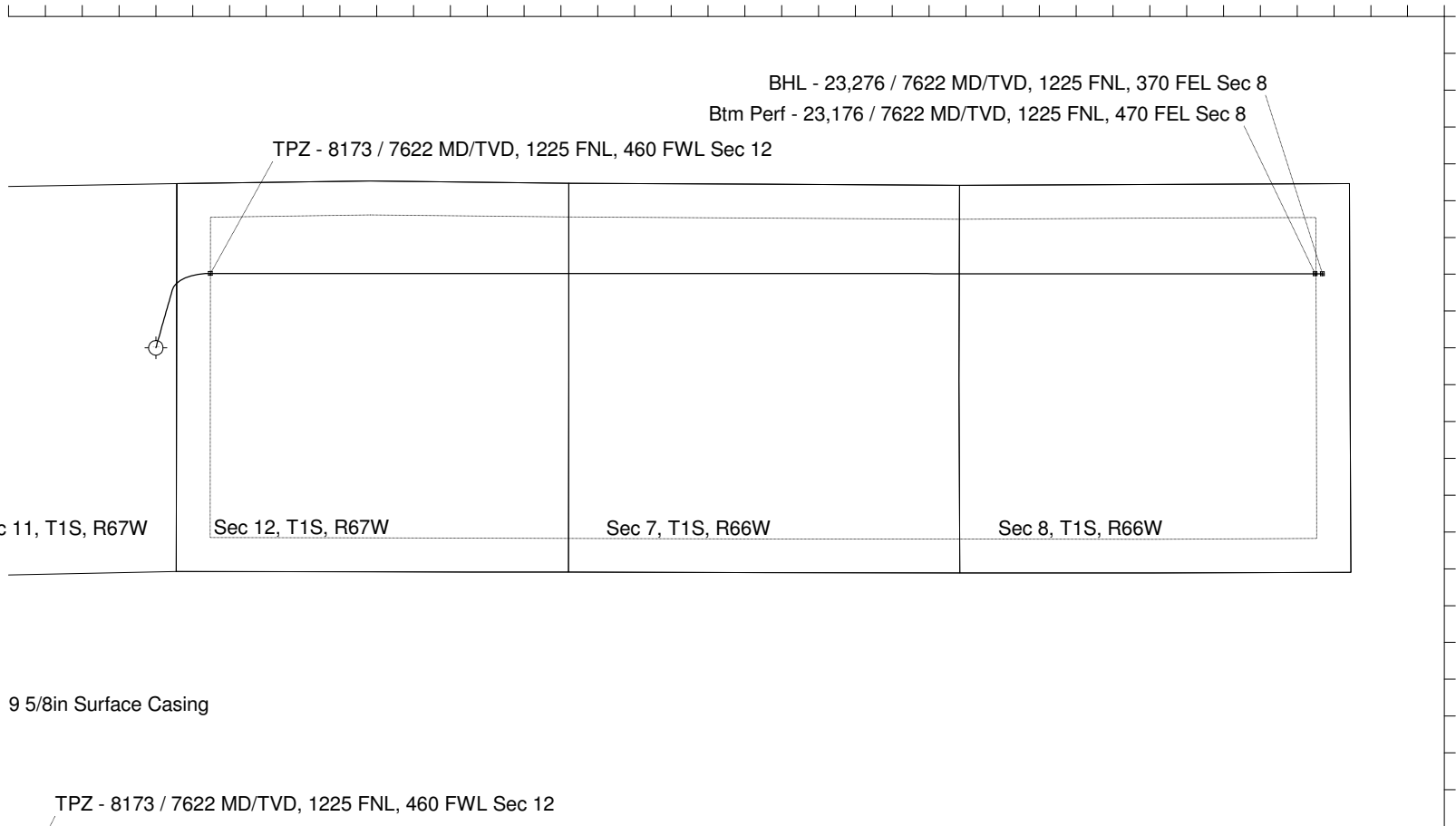
Plot reference is Brant LE 08-082HC (PWB).
Ref wellpath is Brant LE 08-082HC (PWP#1).
Coordinates are in Feet reference N08 - Brant LE 08-082HC.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4992.00 ft.
Plot North is aligned to TRUE North.



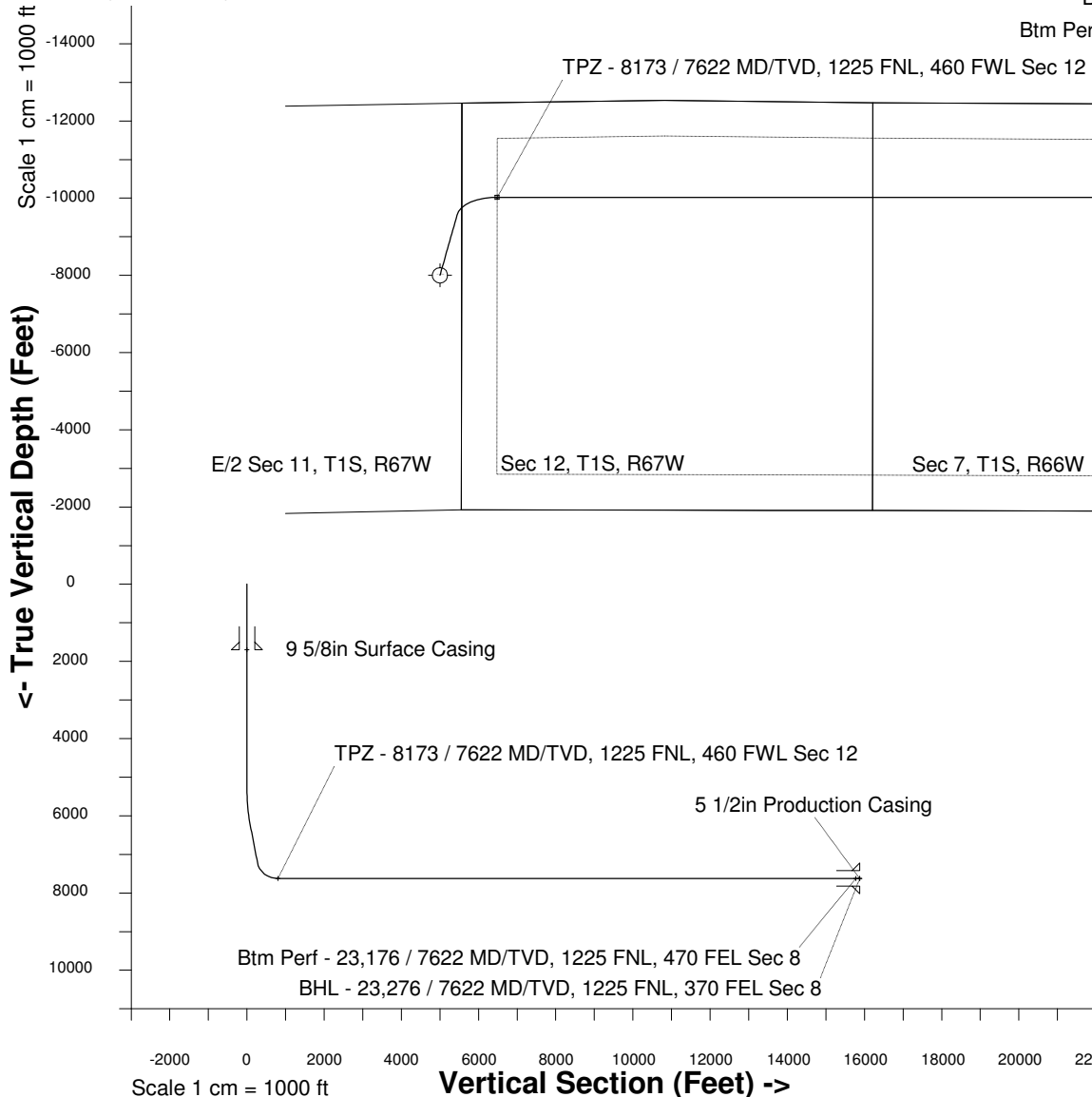
Scale 1 cm = 500 ft

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

Vertical Section (Feet) ->

Azimuth 86.37 with reference 0.00 N, 0.00 E from N08 - Brant LE 08-082HC

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	5289.50	0.00	15.89	5289.50	S 0.00	W 0.00	0.00	0.00
End of Build	6289.53	30.00	15.89	6244.46	N 246.11	E 70.07	9.84	85.52
End of Hold	7426.29	30.00	15.89	7228.91	N 792.78	E 225.72	0.00	275.49
Target TPZ - ...Sec 12	8173.02	90.00	90.02	7622.00	N 1010.90	E 741.77	36.09	804.32
Target Btm Pe... Sec 8	23176.31	90.00	90.02	7622.00	N 1005.68	E 15745.06	0.00	15777.15
End of Turn	23176.75	90.00	89.96	7622.00	N 1005.68	E 15745.50	42.65	15777.58
T.D. & Target BHL...c 8	23275.80	90.00	89.96	7622.00	N 1005.74	E 15844.55	0.00	15876.43