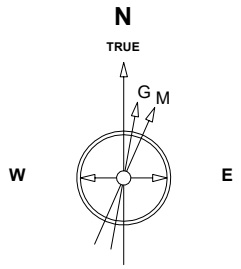
Great Western Operating Company, LLC

Location	**Colorado**	**Slot**	**S06 - Brant LE 08-282HN**
Field	**Wattenburg**	**Well**	**Brant LE 08-282HN**
Installation	**Brant**	**Wellbore**	**Brant LE 08-282HN (PWB)**

Created by admin
Date plotted 25-Jan-2019

Plot reference is Brant LE 08-282HN (PWB).
Ref wellpath is Brant LE 08-282HN (PWP#1).
Coordinates are in Feet reference S06 - Brant LE 08-282HN.
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 = 500 ft

East (Feet) ->

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

Sec 11, T1S, R67W | Sec 12, T1S, R67W | Sec 7, T1S, R66W | Sec 8, T1S, R66W

BHL - 23,272 / 7472 MD/TVD, 1605 FSL, 370 FEL Sec 8
Btm Perf - 23,172 / 7472 MD/TVD, 1605 FSL, 470 FEL Sec 8
TPZ - 8159 / 7472 MD/TVD, 1605 FSL, 460 FWL Sec 12

<- North(Feet)

4000 3000 2000 1000 0 -1000 -2000 -3000 -4000 -5000 -6000

Scale 1 cm = 500 ft

Scale 1 cm = 1000 ft

<- True Vertical Depth (Feet)

-16000 -14000 -12000 -10000 -8000 -6000 -4000 -2000 0 2000 4000 6000 8000 10000

9 5/8in Surface Casing
TPZ - 8159 / 7472 MD/TVD, 1605 FSL, 460 FWL Sec 12
5 1/2in Production Casing
Btm Perf - 23,172 / 7472 MD/TVD, 1605 FSL, 470 FEL Sec 8
BHL - 23,272 / 7472 MD/TVD, 1605 FSL, 370 FEL Sec 8

-2000 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000

Scale 1 cm = 1000 ft

Vertical Section (Feet) ->

Azimuth 95.14 with reference 0.00 N, 0.00 E from S06 - Brant LE 08-282HN

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	4476.00	0.00	170.50	4476.00	S 0.00	W 0.00	0.00	0.00
End of Build	5475.86	30.00	170.50	5430.81	S 252.29	E 42.23	3.00	64.66
End of Hold	7305.49	30.00	170.50	7015.38	S 1154.44	E 193.23	0.00	295.86
Target TPZ - ...Sec 12	8157.90	90.00	90.05	7472.00	S 1414.87	E 763.98	10.00	887.65
Target Btm Pe... Sec 8	23171.92	90.00	90.05	7472.00	S 1428.09	E 15778.01	0.00	15842.50
End of Turn	23172.59	90.00	89.96	7472.00	S 1428.09	E 15778.68	13.00	15843.17
T.D. & Target BHL...c 8	23272.26	90.00	89.96	7472.00	S 1428.03	E 15878.34	0.00	15942.43