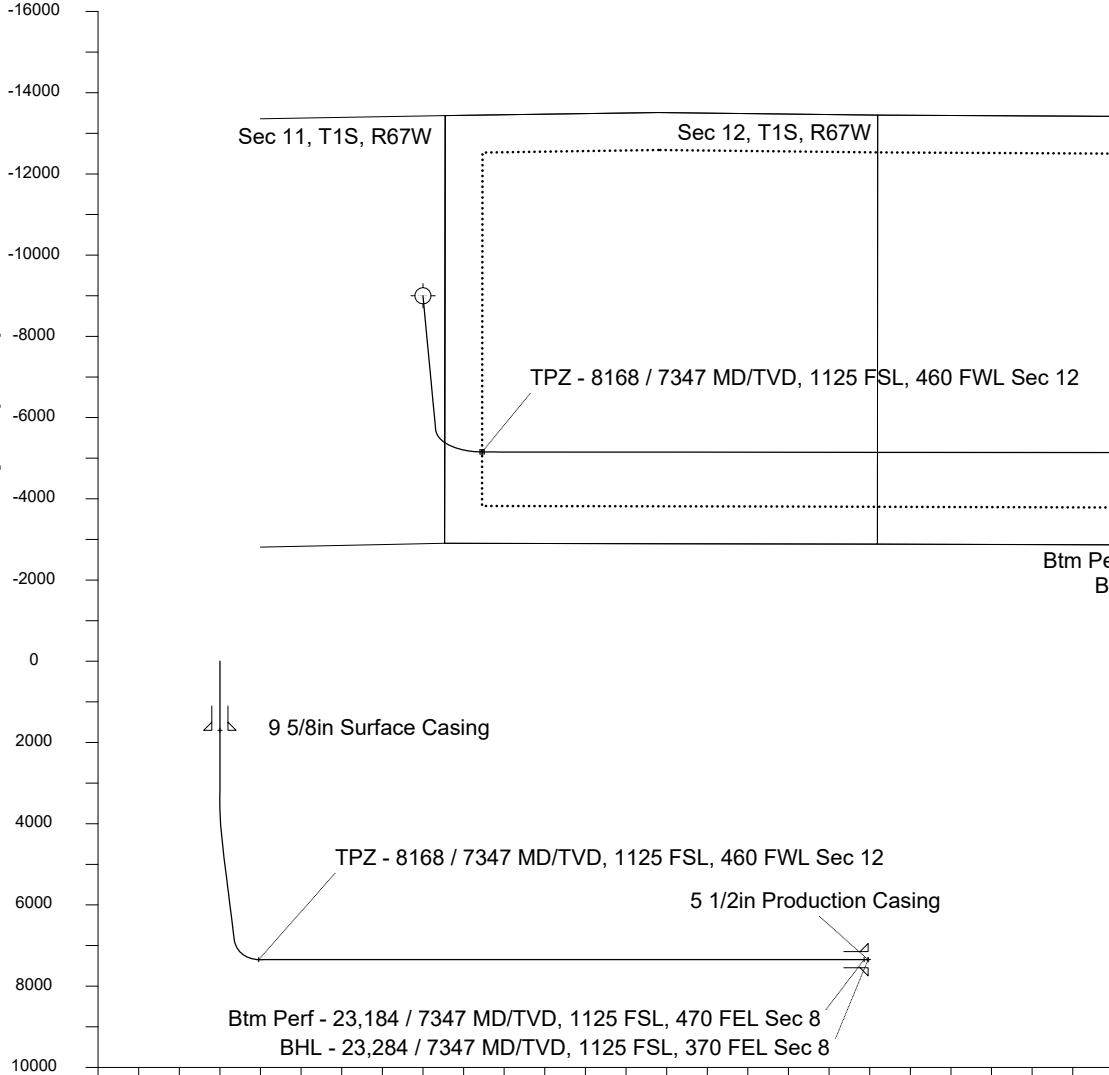


Apr-14-2017  
IGRF Model [1900-0-2020-0] Dip: 66.51 deg Field: 52184.6 nT  
Lat: N39 58 49.6308 Long: W104 50 52.6488 Elev: 4972.00 ft  
Magnetic North is 8.24 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.24 deg

Scale 1 cm = 1000 ft  
True Vertical Depth (Feet)



Scale 1 cm = 1000 ft

Vertical Section (Feet) ->

Azimuth 96.97 with reference 0.00 N, 0.00 E from S09 - Brant LE 08-319HN

# Great Western Operating Company, LLC

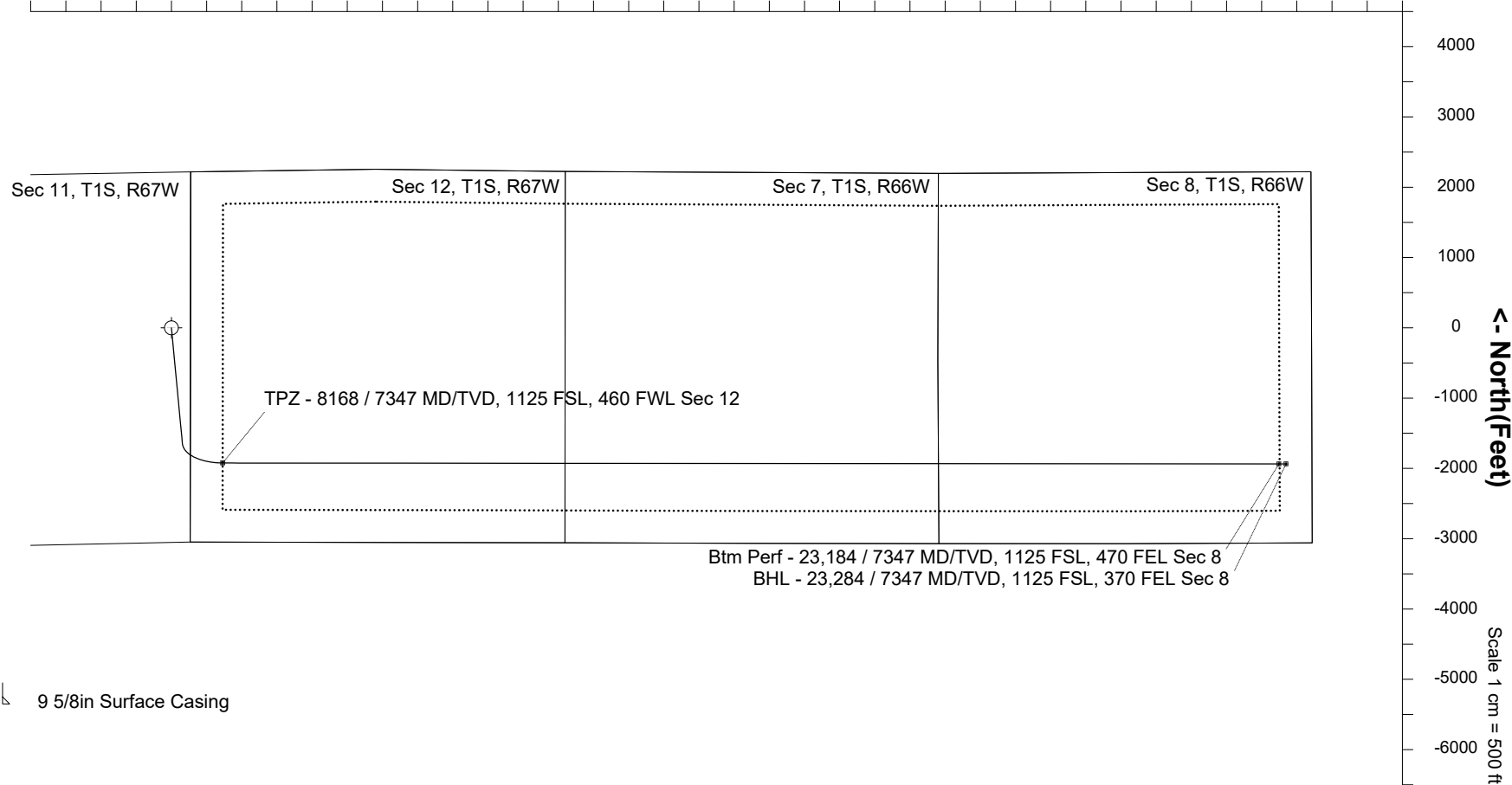
Location Colorado Slot S09 - Brant LE 08-319HN  
Field Wattenburg Well Brant LE 08-319HN  
Installation Brant Wellbore Brant LE 08-319HN (PWB)

Created by admin  
Date plotted 25-Jan-2019  
Plot reference is Brant LE 08-319HN (PWB).  
Ref wellpath is Brant LE 08-319HN (PWP#1).  
Coordinates are in Feet reference S09 - Brant LE 08-319HN.  
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



North(Feet)

Scale 1 cm = 500 ft

## 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	3490.00	0.00	174.58	3490.00	S 0.00	W 0.00	0.00	0.00
End of Build	4490.09	30.00	174.58	4445.01	S 254.77	E 24.17	3.00	54.90
End of Hold	7294.84	30.00	174.58	6873.93	S 1651.00	E 156.62	0.00	355.76
Target TPZ - ...Sec 12	8167.53	90.00	90.05	7347.00	S 1923.42	E 728.69	10.00	956.65
Target Btm Pe... Sec 8	23184.09	90.00	90.05	7347.00	S 1936.65	E 15745.24	0.00	15863.89
End of Turn	23184.76	90.00	89.96	7347.00	S 1936.65	E 15745.91	13.00	15864.56
T.D. & Target BHL...c 8	23283.86	90.00	89.96	7347.00	S 1936.59	E 15845.01	0.00	15962.92