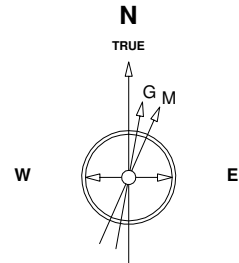


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot S13 - Ottesen LE 06-210HN
Well Ottesen LE 06-210HN
Wellbore Ottesen LE 06-210HN (PWB)

Created by admin
Date plotted 28-Dec-2017

Plot reference is Ottesen LE 06-210HN (PWB).
Ref wellpath is Ottesen LE 06-210HN (PWP#1).
Coordinates are in Feet reference S13 - Ottesen LE 06-210HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5093.60 ft.
Plot North is aligned to TRUE North.

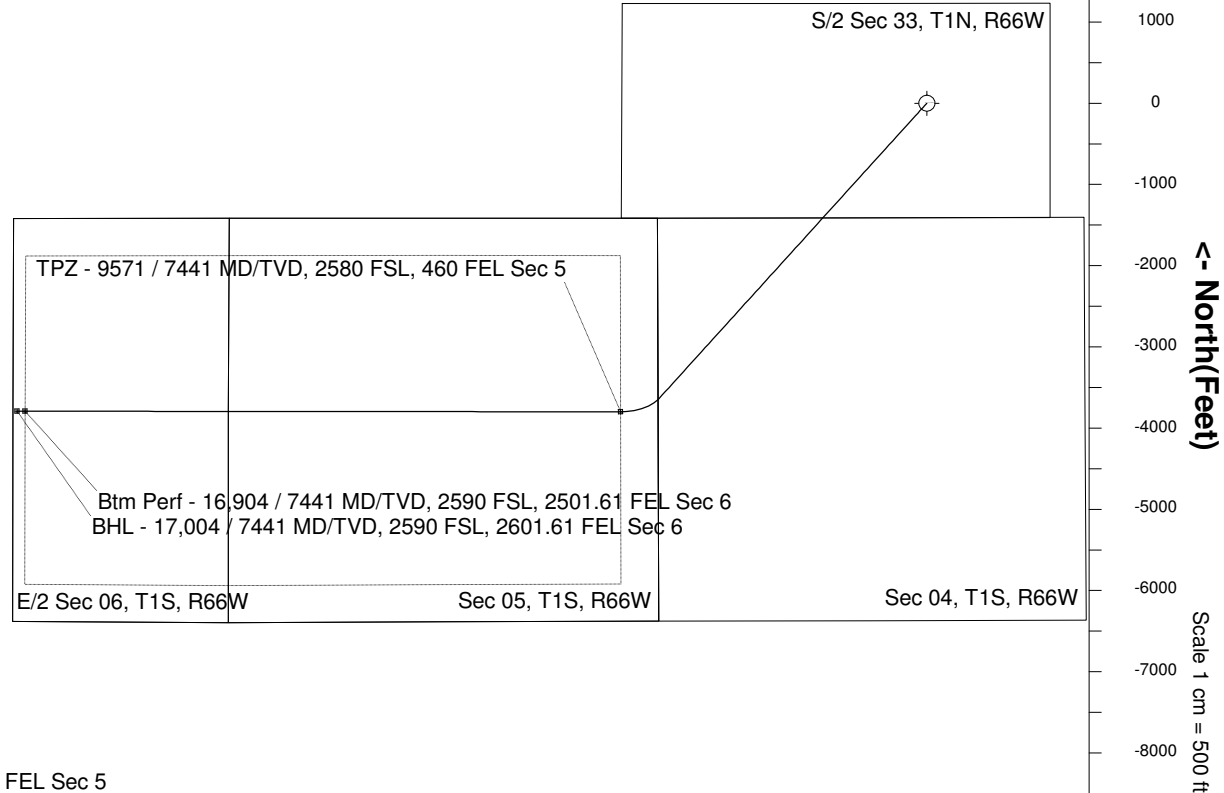
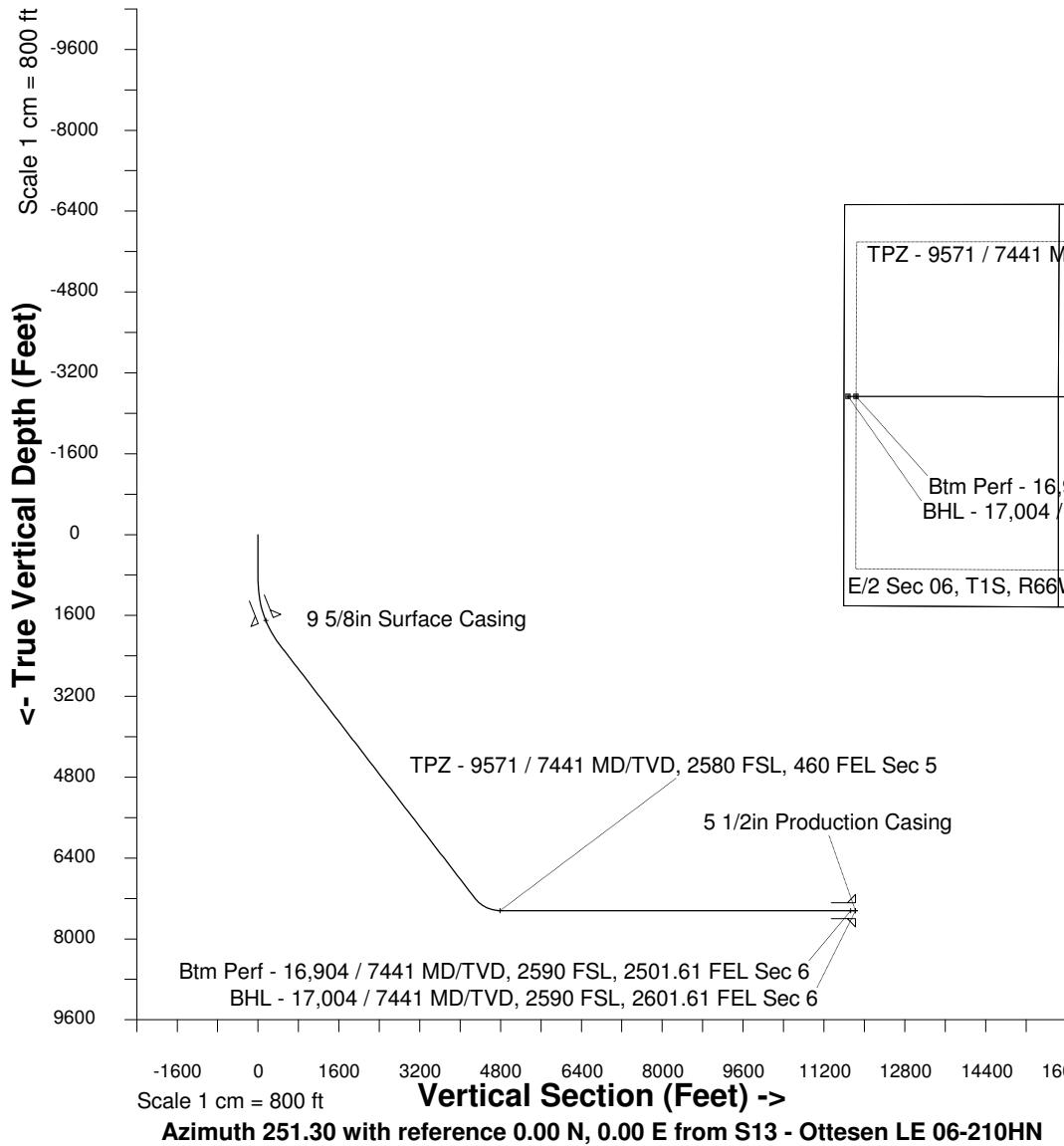


Scale 1 cm = 500 ft

East (Feet) ->

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

8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg



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	900.00	0.00	222.20	900.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2279.75	41.39	222.20	2162.82	S 353.45	W 320.45	9.84	416.86
End of Hold	8992.11	41.39	222.20	7198.42	S 3641.52	W 3301.57	0.00	4294.87
Target TPZ - ... Sec 5	9570.87	90.00	270.06	7441.00	S 3799.59	W 3768.54	36.09	4787.86
Target Btm Pe... Sec 6	16903.97	90.00	270.06	7441.00	S 3792.30	W 11101.64	0.00	11731.44
End of Turn	16905.59	90.00	270.24	7441.00	S 3792.29	W 11103.26	36.09	11732.98
T.D. & Target BHL...c 6	17004.00	90.00	270.24	7441.00	S 3791.89	W 11201.66	0.00	11826.06