

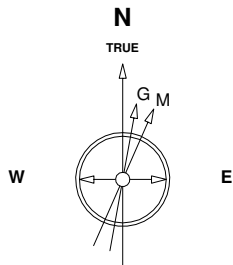
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot S03 - Ottesen LE 06-351HNX
Well Ottesen LE 06-351HNX
Wellbore Ottesen LE 06-351HNX (PWB)

Created by admin
Date plotted 28-Dec-2017

Plot reference is Ottesen LE 06-351HNX (PWB).
Ref wellpath is Ottesen LE 06-351HNX (PWP#1).
Coordinates are in Feet reference S03 - Ottesen LE 06-351HNX.
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.

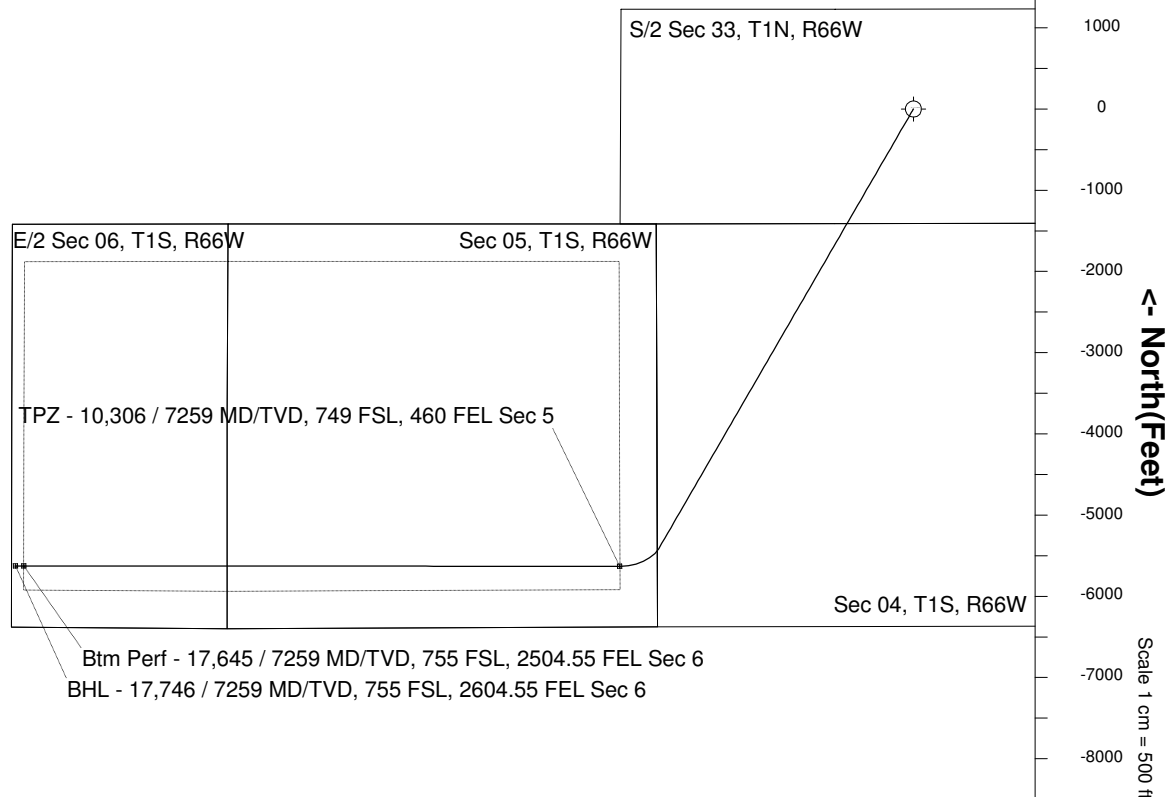
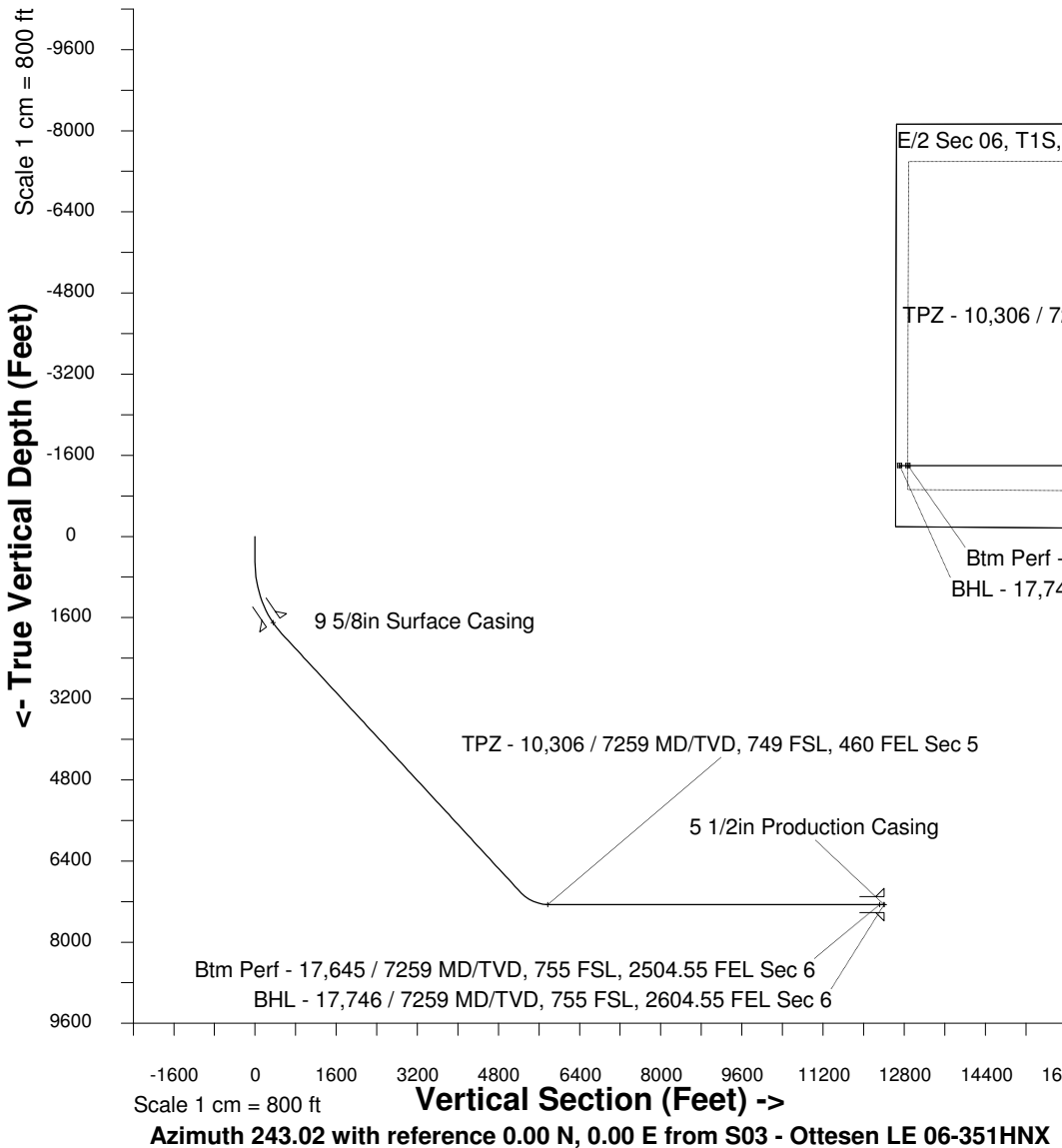


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



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	500.00	0.00	210.08	500.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2091.04	47.73	210.08	1913.29	S 541.06	W 313.39	9.84	524.74
End of Hold	9685.81	47.73	210.08	7021.59	S 5404.29	W 3130.26	0.00	5241.24
Target TPZ - ... Sec 5	10306.23	90.00	270.03	7259.00	S 5630.15	W 3614.14	36.09	5774.93
Target Btm Pe... Sec 6	17645.48	90.00	270.03	7259.00	S 5626.91	W 10953.38	0.00	12314.08
End of Turn	17647.39	90.00	270.24	7259.00	S 5626.91	W 10955.30	36.09	12315.79
T.D. & Target BHL...c 6	17745.51	90.00	270.24	7259.00	S 5626.50	W 11053.42	0.00	12403.05