

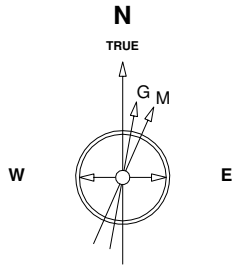
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot Slot S04 - Ottesen LE 06-351HN
Well Ottesen LE 06-351HN
Wellbore Ottesen LE 06-351HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-351HN (PWB).
Ref wellpath is Ottesen LE 06-351HN (PWP#1).
Coordinates are in Feet reference Slot S04 - Ottesen LE 06-351HN.
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.

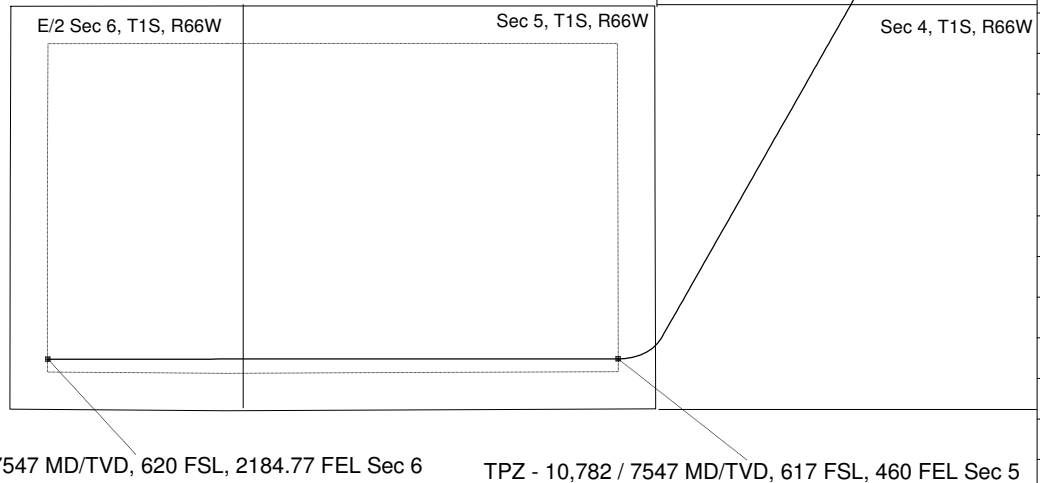
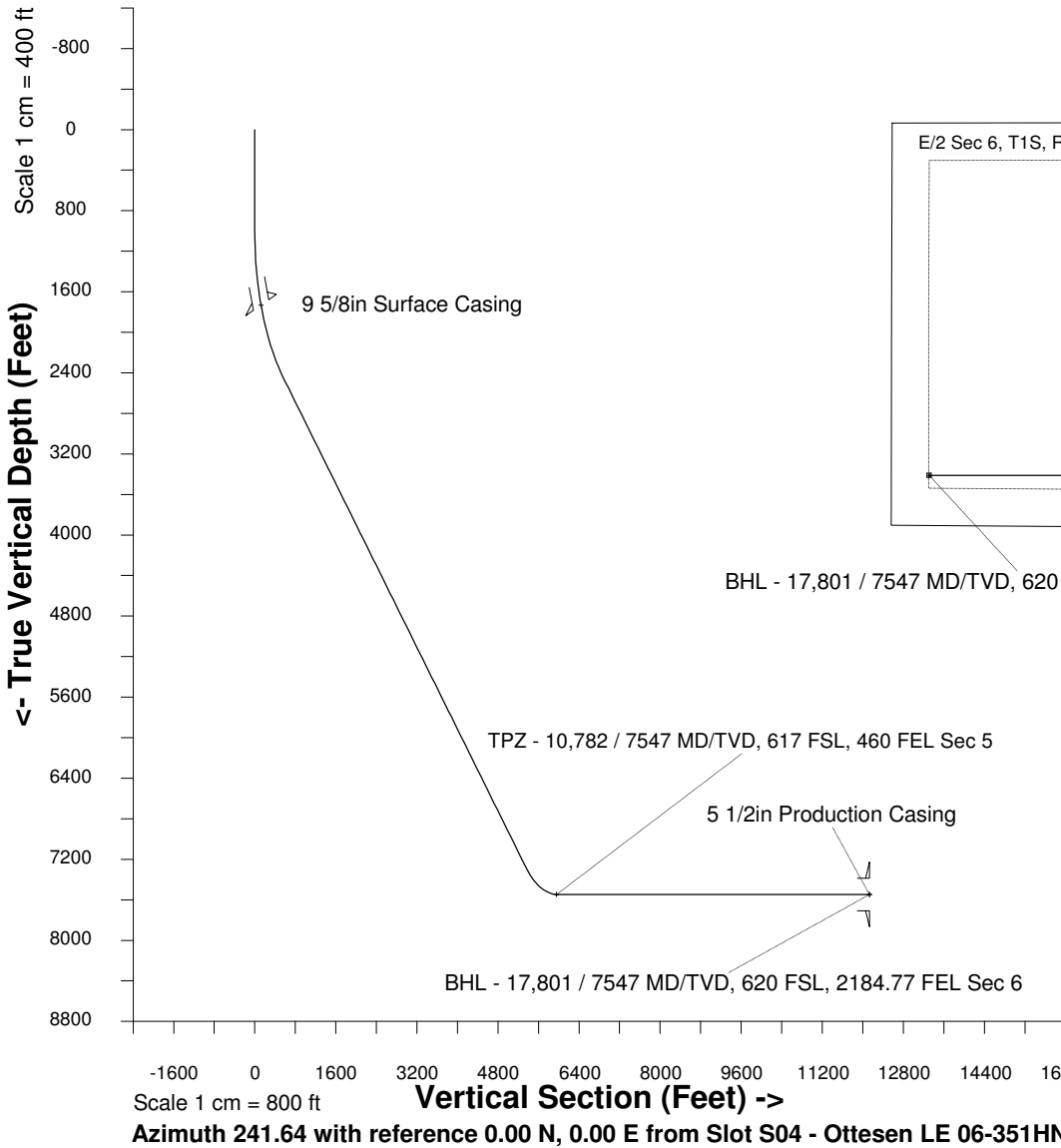


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



<- 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	1000.00	0.00	209.60	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2648.70	49.46	209.60	2451.42	S 581.26	W 330.22	9.84	566.68
End of Hold	10102.42	49.46	209.60	7296.10	S 5506.47	W 3128.34	0.00	5368.36
Target TPZ - ... Sec 5	10781.82	90.00	269.98	7547.00	S 5761.66	W 3659.27	32.81	5956.79
T.D. & Target BHL...c 6	17801.10	90.00	269.98	7547.00	S 5763.64	W 10678.56	0.00	12134.71