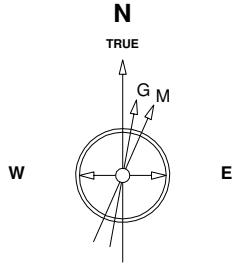


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot Slot S15 - Ottesen LE 06-151HN
Well Ottesen LE 06-151HN
Wellbore Ottesen LE 06-151HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-151HN (PWB).
Ref wellpath is Ottesen LE 06-151HN (PWP#1).
Coordinates are in Feet reference Slot S15 - Ottesen LE 06-151HN.
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.

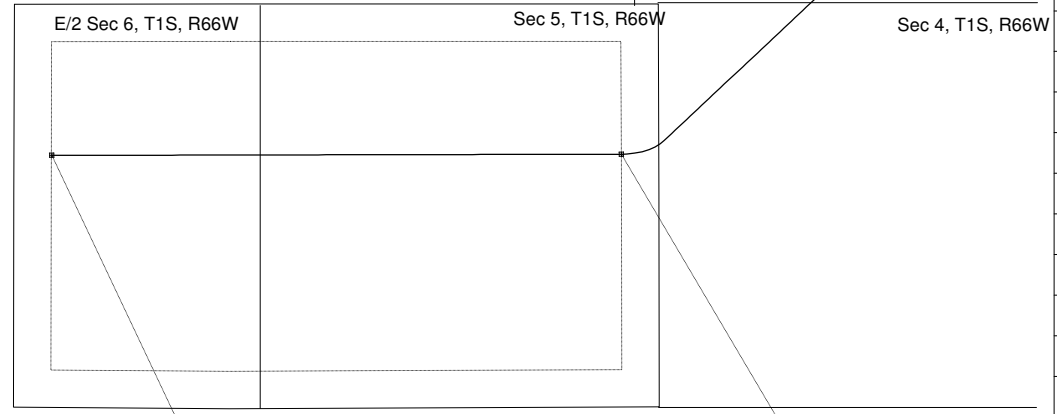
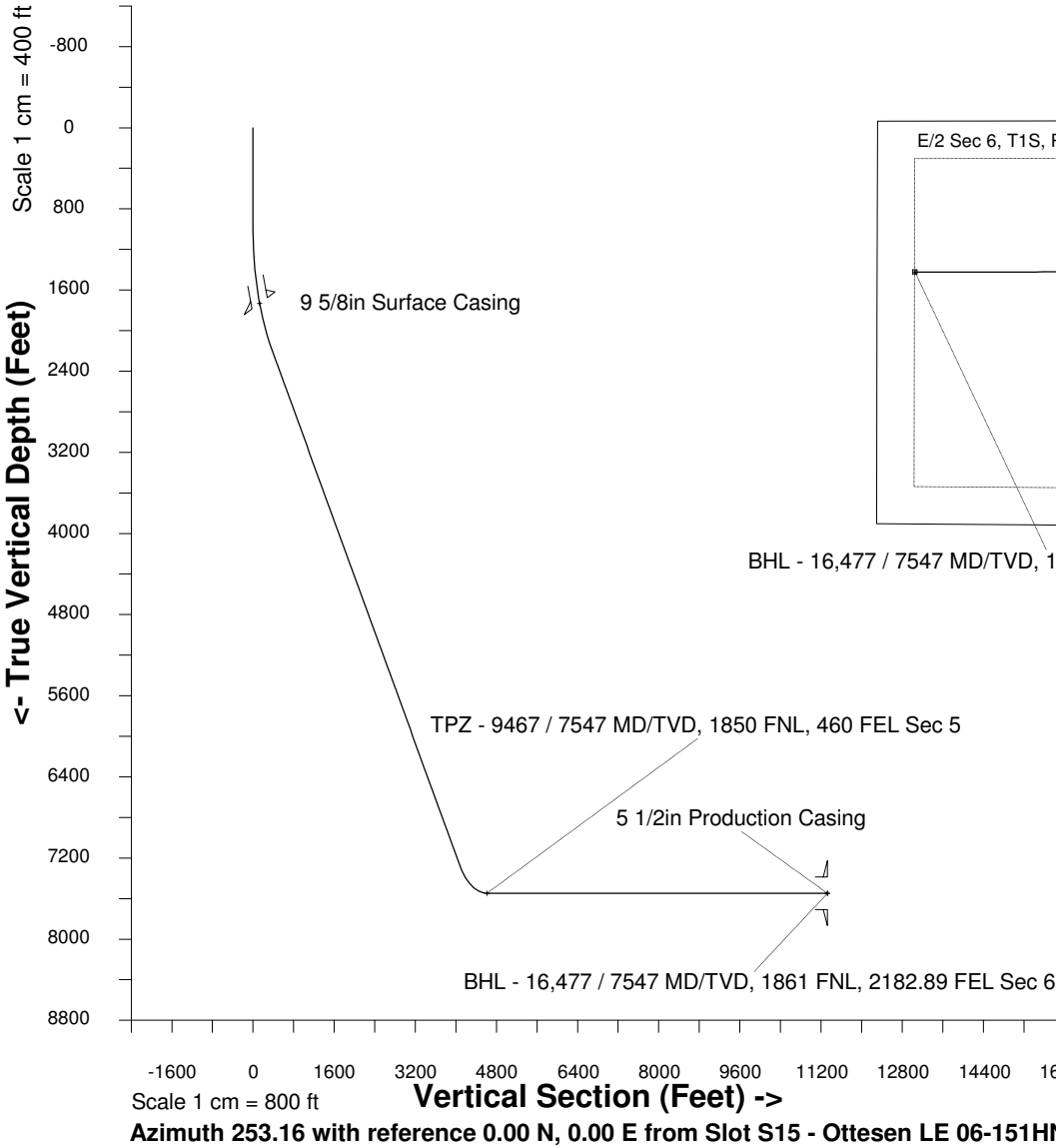


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



BHL - 16,477 / 7547 MD/TVD, 1861 FNL, 2182.89 FEL Sec 6 TPZ - 9467 / 7547 MD/TVD, 1850 FNL, 460 FEL Sec 5

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	226.85	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2304.11	39.12	226.85	2205.11	S 292.86	W 312.40	9.84	383.84
End of Hold	8841.98	39.12	226.85	7277.11	S 3114.29	W 3322.06	0.00	4081.67
Target TPZ - ... Sec 5	9467.29	90.00	269.88	7547.00	S 3265.17	W 3830.10	32.81	4611.63
T.D. & Target BHL...c 6	16477.20	90.00	269.88	7547.00	S 3280.23	W 10840.00	0.00	11325.43