

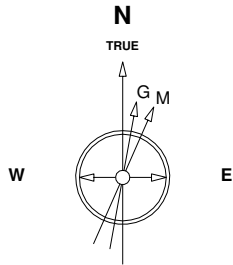
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot Slot S17 - Ottesen LE 06-130HC
Well Ottesen LE 06-130HC
Wellbore Ottesen LE 06-130HC (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-130HC (PWB).
Ref wellpath is Ottesen LE 06-130HC (PWP#1).
Coordinates are in Feet reference Slot S17 - Ottesen LE 06-130HC.
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.

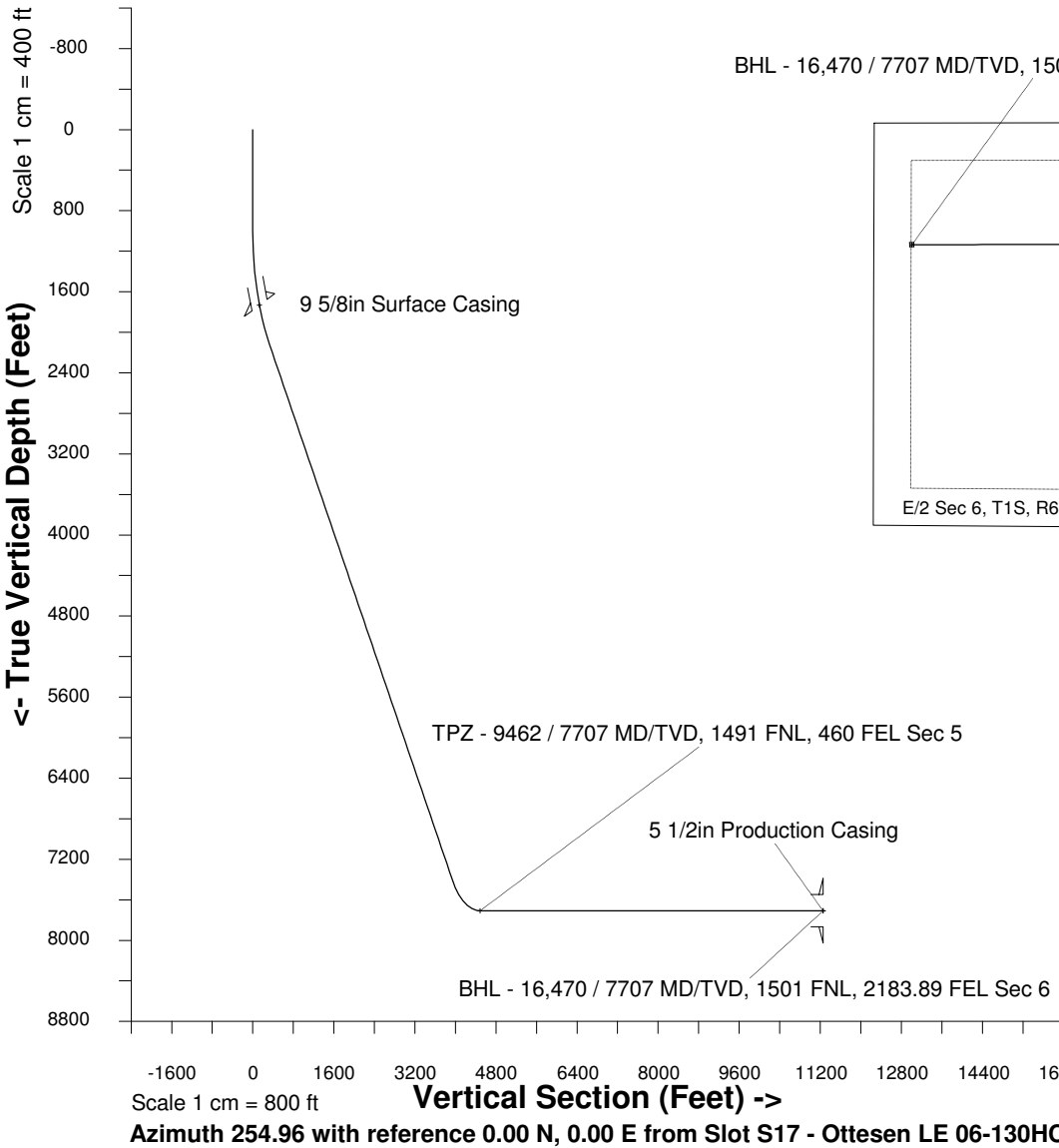


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

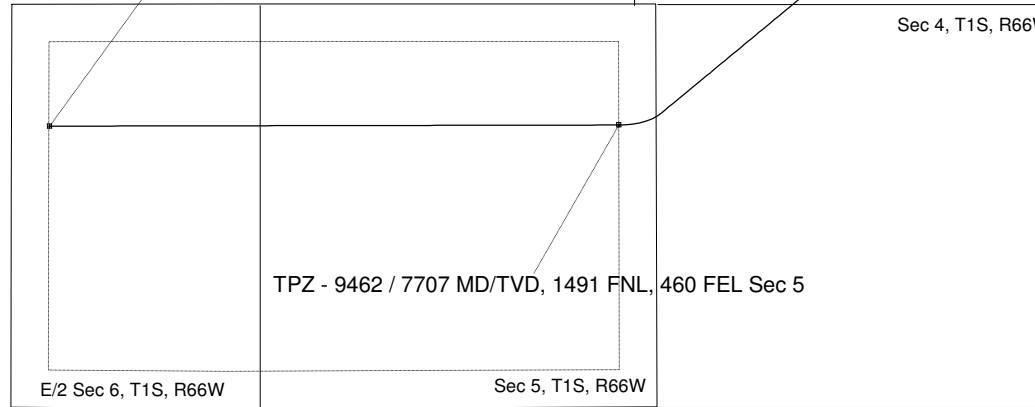
Scale 1 cm = 500 ft

East (Feet) ->

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



BHL - 16,470 / 7707 MD/TVD, 1501 FNL, 2183.89 FEL Sec 6



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	230.42	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2230.62	36.92	230.42	2147.22	S 243.98	W 295.17	9.84	348.36
End of Hold	8838.00	36.92	230.42	7429.74	S 2772.58	W 3354.35	0.00	3958.80
Target TPZ - ... Sec 5	9461.71	90.00	269.89	7707.00	S 2905.98	W 3861.70	32.81	4483.40
T.D. & Target BHL...c 6	16469.56	90.00	269.89	7707.00	S 2919.93	W 10869.54	0.00	11254.90