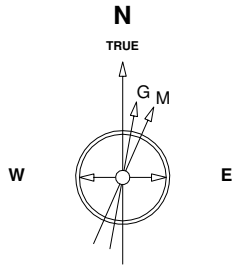


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot Slot S16 - Ottesen LE 06-130HN
Well Ottesen LE 06-130HN
Wellbore Ottesen LE 06-130HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-130HN (PWB).
Ref wellpath is Ottesen LE 06-130HN (PWP#1).
Coordinates are in Feet reference Slot S16 - Ottesen LE 06-130HN.
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.

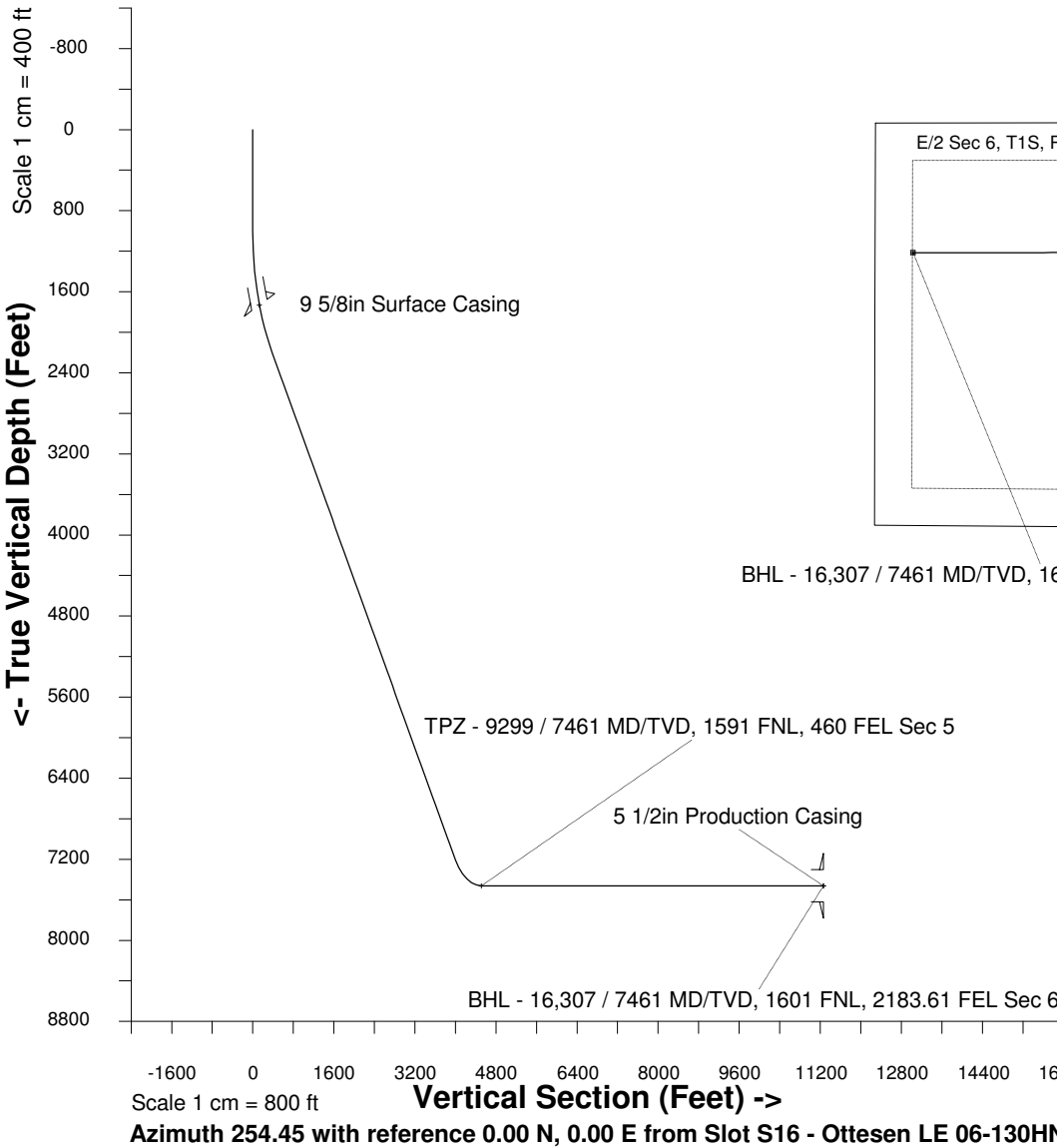


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

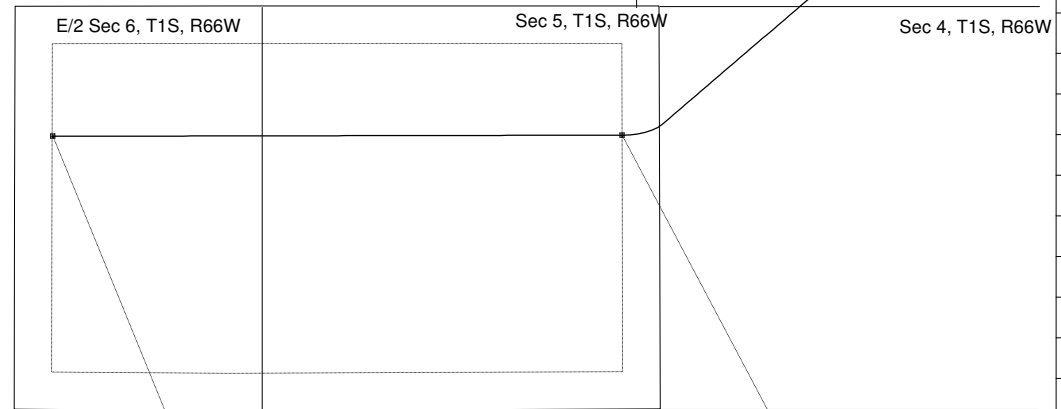
East (Feet) ->

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



BHL - 16,307 / 7461 MD/TVD, 1601 FNL, 2183.61 FEL Sec 6

TPZ - 9299 / 7461 MD/TVD, 1591 FNL, 460 FEL Sec 5



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	229.38	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2284.96	38.55	229.38	2190.19	S 270.98	W 315.90	9.84	376.98
End of Hold	8682.11	38.55	229.38	7193.25	S 2866.57	W 3341.74	0.00	3987.87
Target TPZ - ... Sec 5	9299.29	90.00	269.89	7461.00	S 3006.16	W 3846.03	32.81	4511.12
T.D. & Target BHL...c 6	16307.17	90.00	269.89	7461.00	S 3020.12	W 10853.89	0.00	11266.24