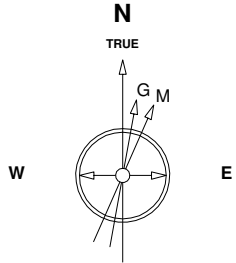


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot Slot S18 - Ottesen LE 06-090HN
Well Ottesen LE 06-090HN
Wellbore Ottesen LE 06-090HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-090HN (PWB).
Ref wellpath is Ottesen LE 06-090HN (PWP#1).
Coordinates are in Feet reference Slot S18 - Ottesen LE 06-090HN.
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.

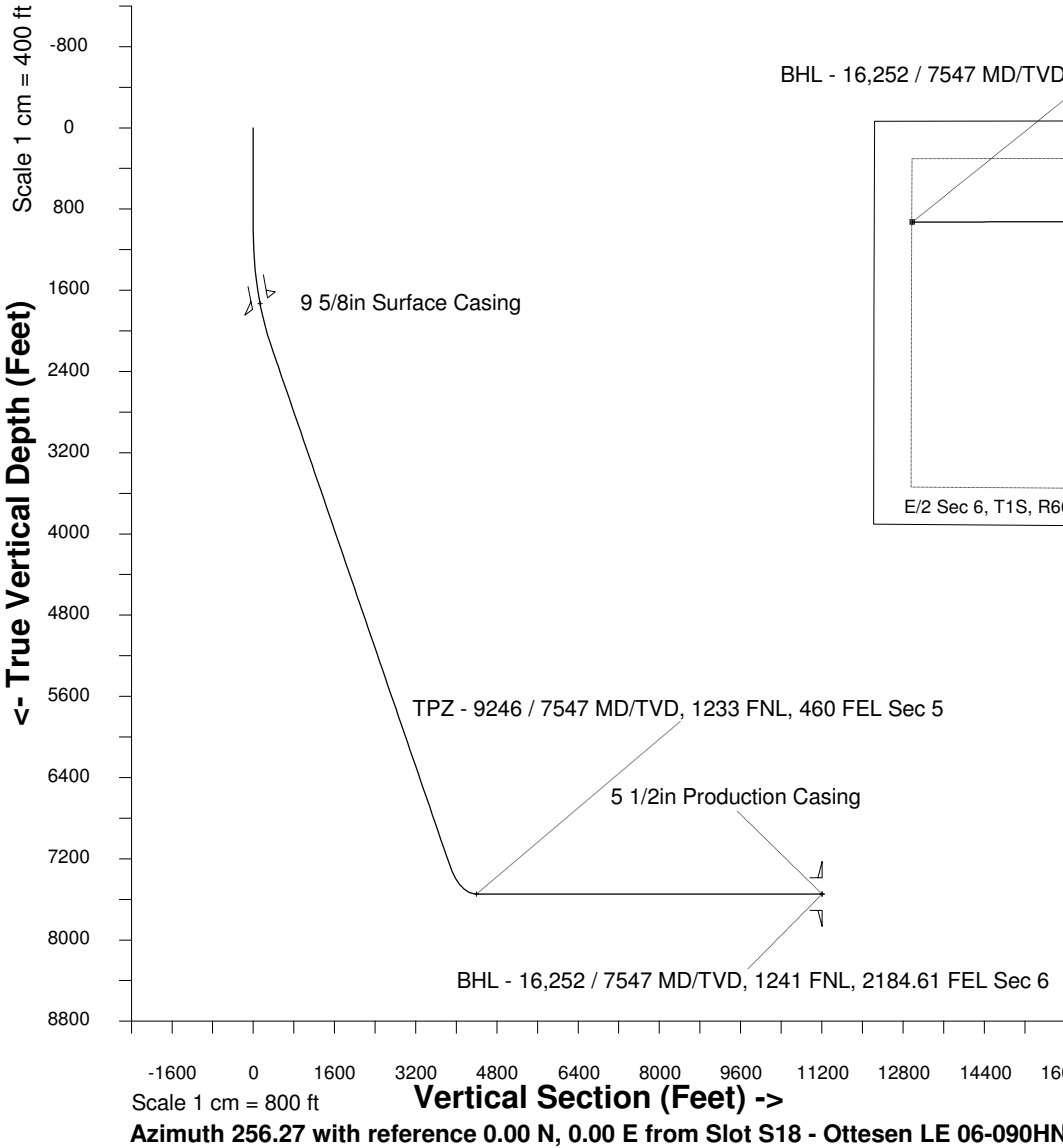


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

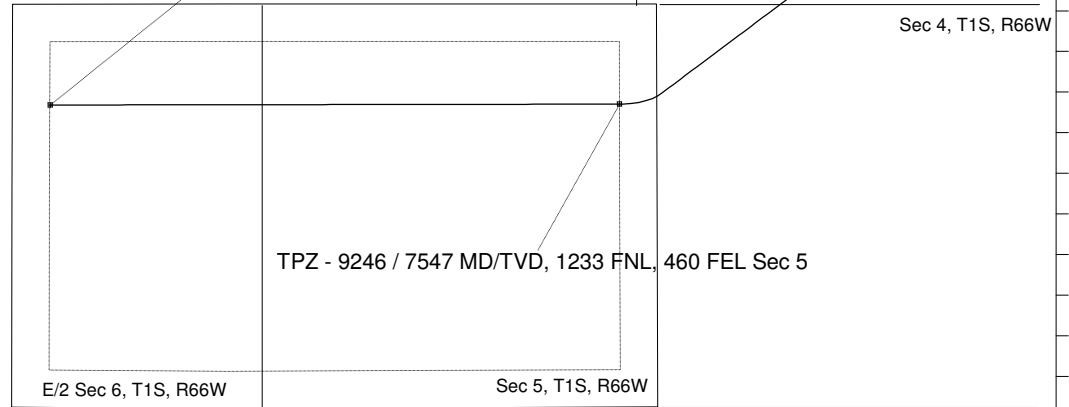
Scale 1 cm = 500 ft

East (Feet) ->

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



BHL - 16,252 / 7547 MD/TVD, 1241 FNL, 2184.61 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	233.18	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2225.89	36.78	233.18	2143.43	S 227.79	W 304.30	9.84	349.68
End of Hold	8632.46	36.78	233.18	7274.92	S 2526.38	W 3374.86	0.00	3878.15
Target TPZ - ... Sec 5	9245.70	90.00	269.91	7547.00	S 2648.79	W 3877.35	32.81	4395.34
T.D. & Target BHL...c 6	16251.79	90.00	269.91	7547.00	S 2659.83	W 10883.43	0.00	11203.74