

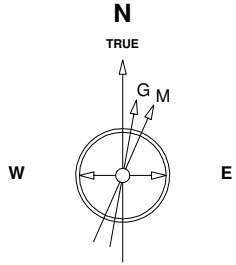
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot Slot S11 - Ottesen LE 06-231HN
Well Ottesen LE 06-231HN
Wellbore Ottesen LE 06-231HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-231HN (PWB).
Ref wellpath is Ottesen LE 06-231HN (PWP#1).
Coordinates are in Feet reference Slot S11 - Ottesen LE 06-231HN.
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.

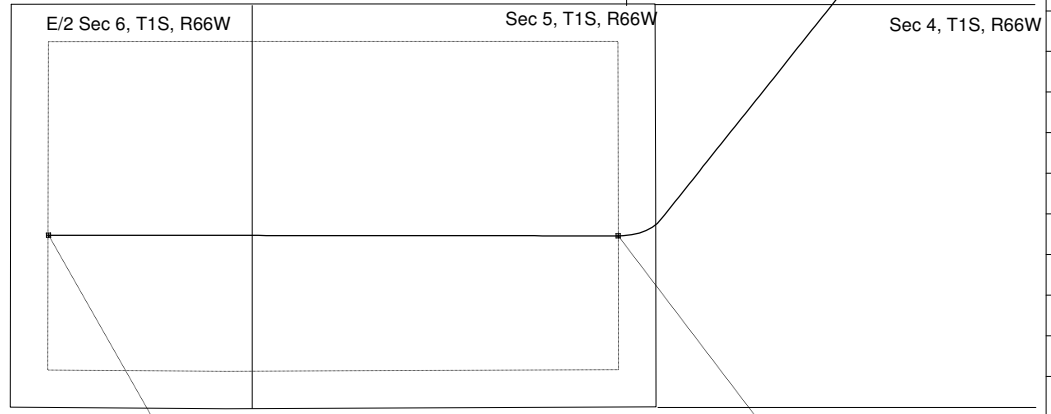
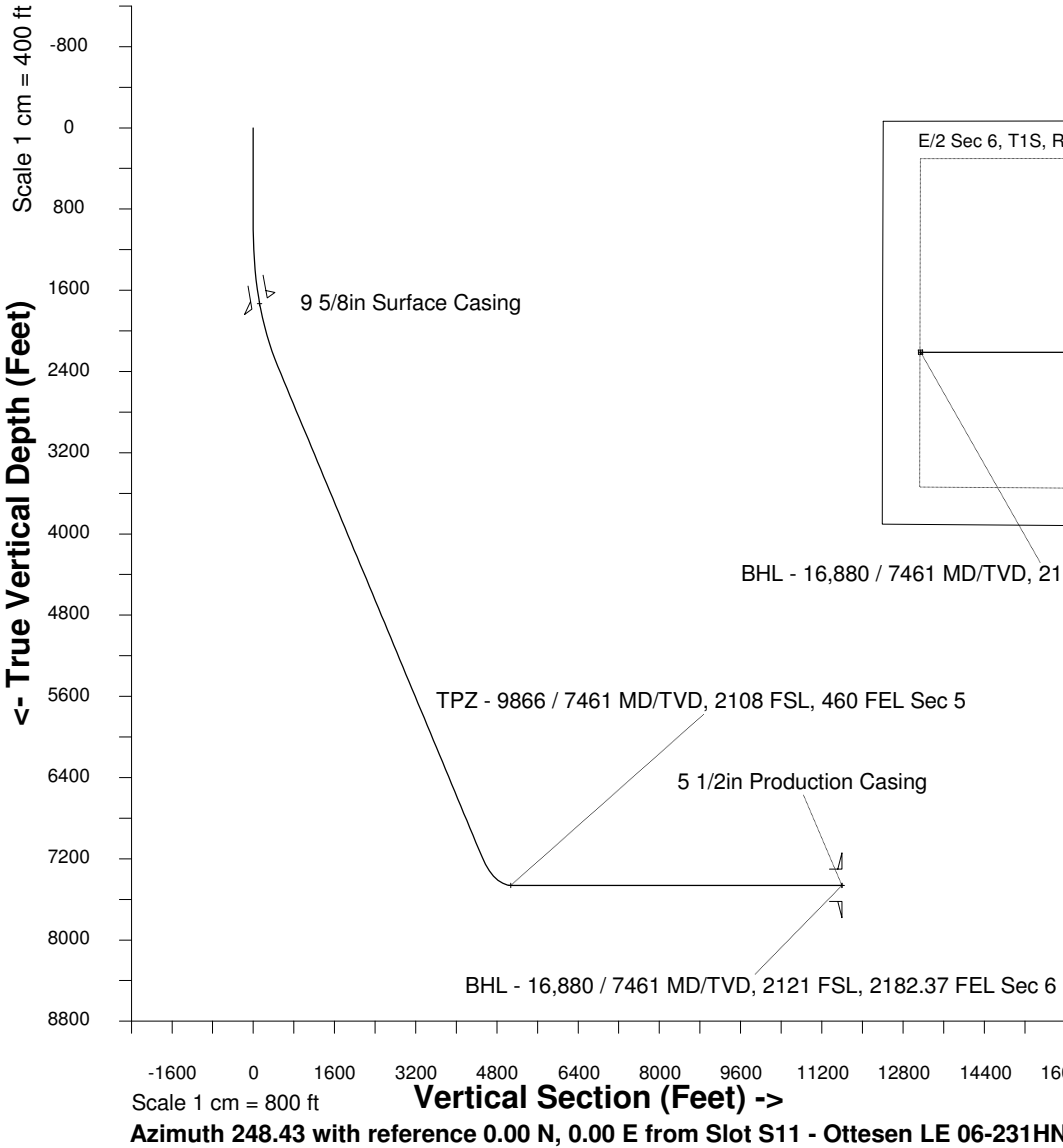


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



BHL - 16,880 / 7461 MD/TVD, 2121 FSL, 2182.37 FEL Sec 6

TPZ - 9866 / 7461 MD/TVD, 2108 FSL, 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	218.58	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2460.78	43.82	218.58	2322.46	S 415.86	W 331.69	9.84	461.35
End of Hold	9221.78	43.82	218.58	7200.38	S 4075.85	W 3250.85	0.00	4521.69
Target TPZ - ... Sec 5	9866.39	90.00	270.07	7461.00	S 4270.98	W 3768.05	32.81	5074.41
T.D. & Target BHL...c 6	16880.48	90.00	270.07	7461.00	S 4262.73	W 10782.14	0.00	11594.20