

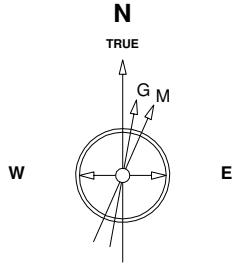
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot Slot S08 - Ottesen LE 06-290HN
Well Ottesen LE 06-290HN
Wellbore Ottesen LE 06-290HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-290HN (PWB).
Ref wellpath is Ottesen LE 06-290HN (PWP#1).
Coordinates are in Feet reference Slot S08 - Ottesen LE 06-290HN.
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.

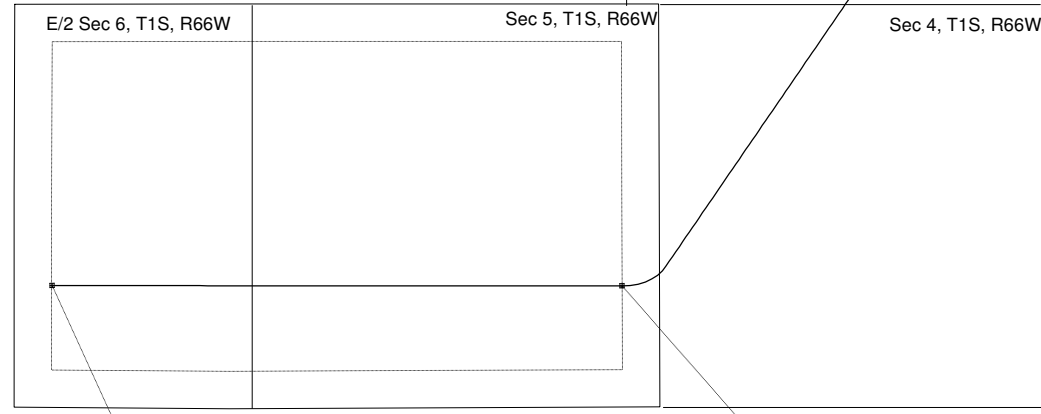
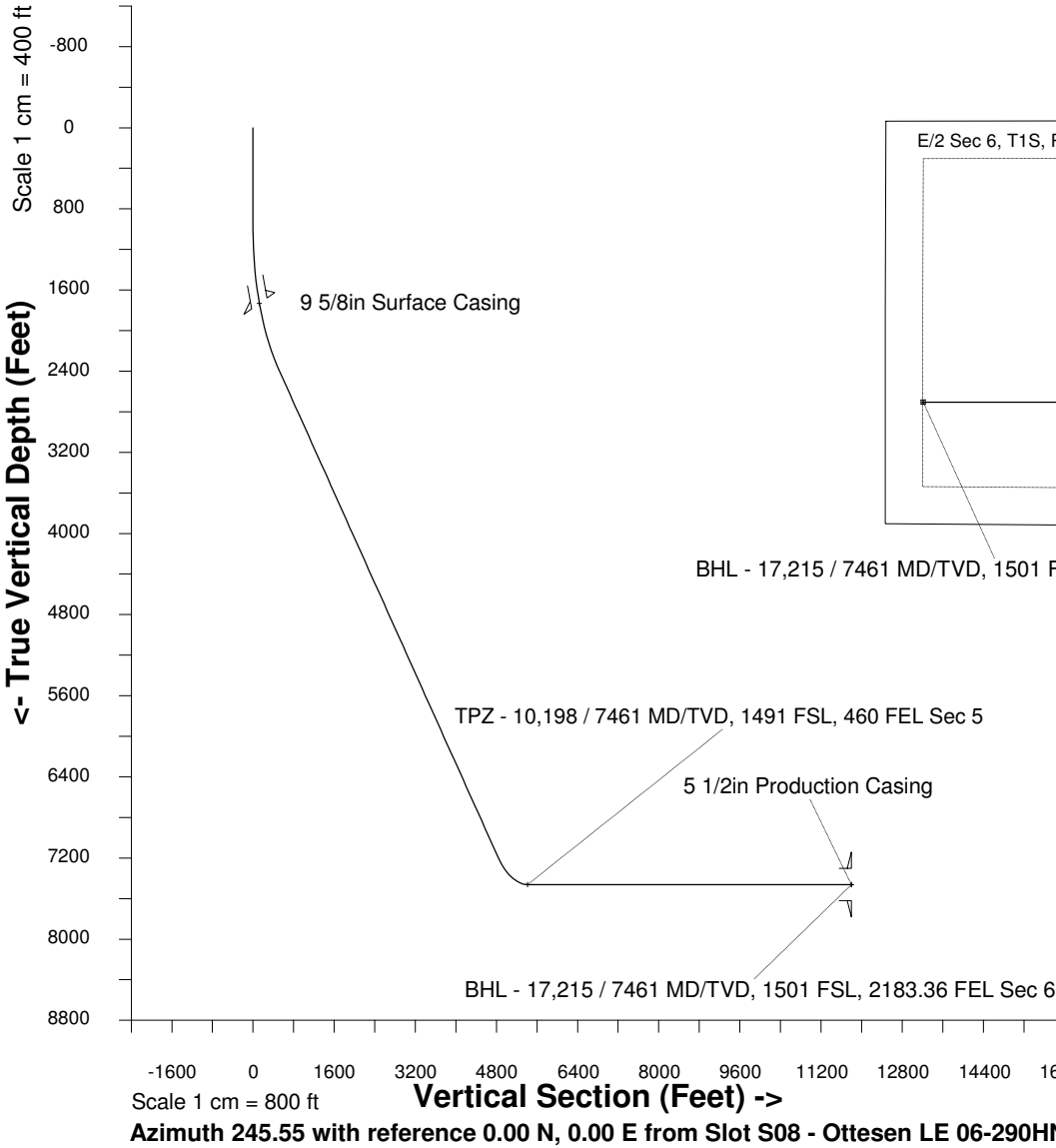


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



BHL - 17,215 / 7461 MD/TVD, 1501 FSL, 2183.36 FEL Sec 6

TPZ - 10,198 / 7461 MD/TVD, 1491 FSL, 460 FEL Sec 5

TPZ - 10,198 / 7461 MD/TVD, 1491 FSL, 460 FEL Sec 5

5 1/2in Production Casing

BHL - 17,215 / 7461 MD/TVD, 1501 FSL, 2183.36 FEL Sec 6

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	214.43	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2546.86	46.41	214.43	2383.20	S 489.08	W 335.20	9.84	507.59
End of Hold	9539.78	46.41	214.43	7205.13	S 4666.67	W 3198.35	0.00	4843.24
Target TPZ - ... Sec 5	10198.35	90.00	270.04	7461.00	S 4888.09	W 3721.35	32.81	5410.98
T.D. & Target BHL...c 6	17215.15	90.00	270.04	7461.00	S 4883.13	W 10738.14	0.00	11796.30