

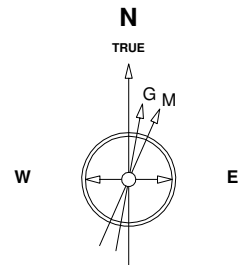
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot S07 - Ottesen LE 06-290HNX
Well Ottesen LE 06-290HNX
Wellbore Ottesen LE 06-290HNX (PWB)

Created by admin
Date plotted 28-Dec-2017

Plot reference is Ottesen LE 06-290HNX (PWB).
Ref wellpath is Ottesen LE 06-290HNX (PWP#1).
Coordinates are in Feet reference S07 - Ottesen LE 06-290HNX.
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.



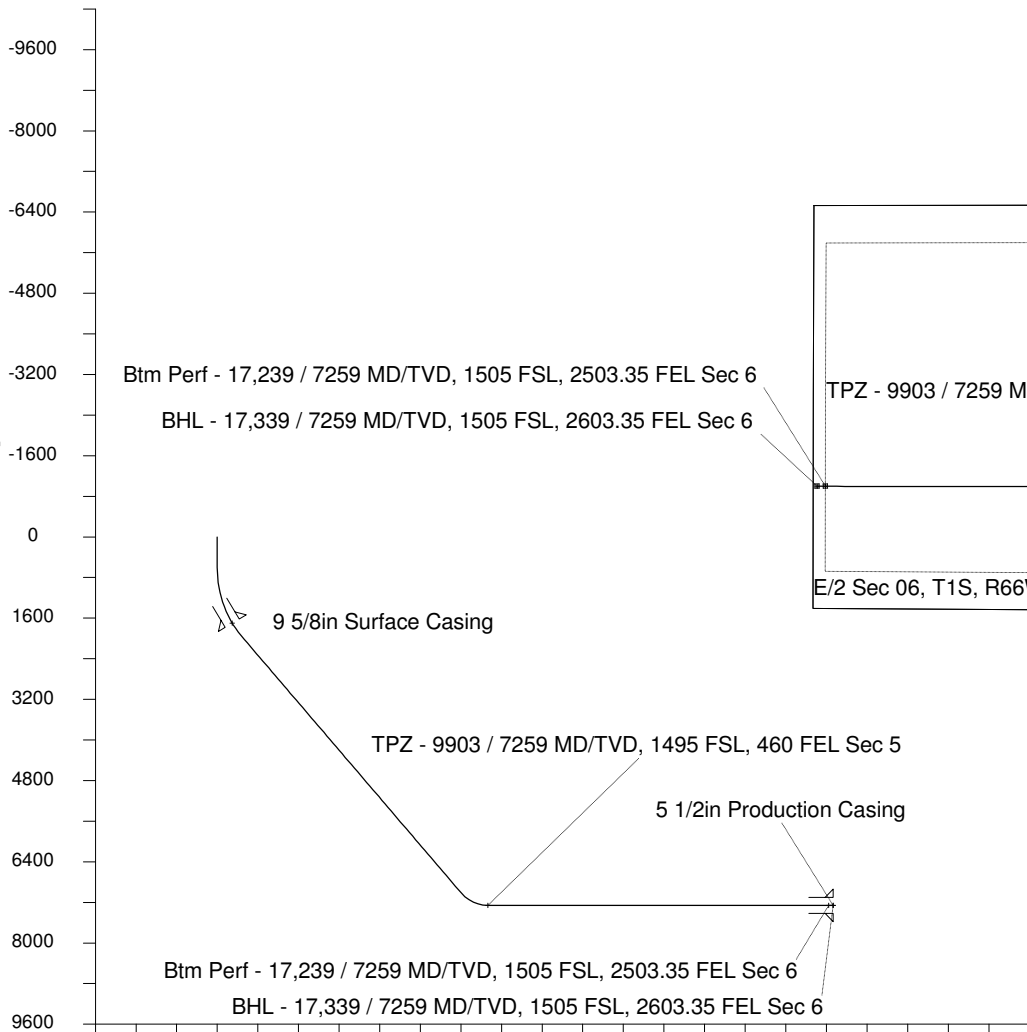
Scale 1 cm = 500 ft

East (Feet) ->

-15000 -14000 -13000 -12000 -11000 -10000 -9000 -8000 -7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000

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 = 800 ft
True Vertical Depth (Feet)



Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 246.31 with reference 0.00 N, 0.00 E from S07 - Ottesen LE 06-290HNX

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	600.00	0.00	214.32	600.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2108.32	45.25	214.32	1956.34	S 466.84	W 318.75	9.84	479.47
End of Hold	9299.24	45.25	214.32	7018.91	S 4684.39	W 3198.36	0.00	4811.16
Target TPZ - ... Sec 5	9903.14	90.00	270.05	7259.00	S 4884.09	W 3675.96	36.09	5328.74
Target Btm Pe... Sec 6	17239.36	90.00	270.05	7259.00	S 4877.18	W 11012.18	0.00	12043.81
End of Turn	17242.96	90.00	270.45	7259.00	S 4877.17	W 11015.78	36.09	12047.10
T.D. & Target BHL...c 6	17339.39	90.00	270.45	7259.00	S 4876.41	W 11112.21	0.00	12135.09