



Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot N08 - Ottesen LE 09-375HNX
Well Ottesen LE 09-375HNX
Wellbore Ottesen LE 09-375HNX (PWB)

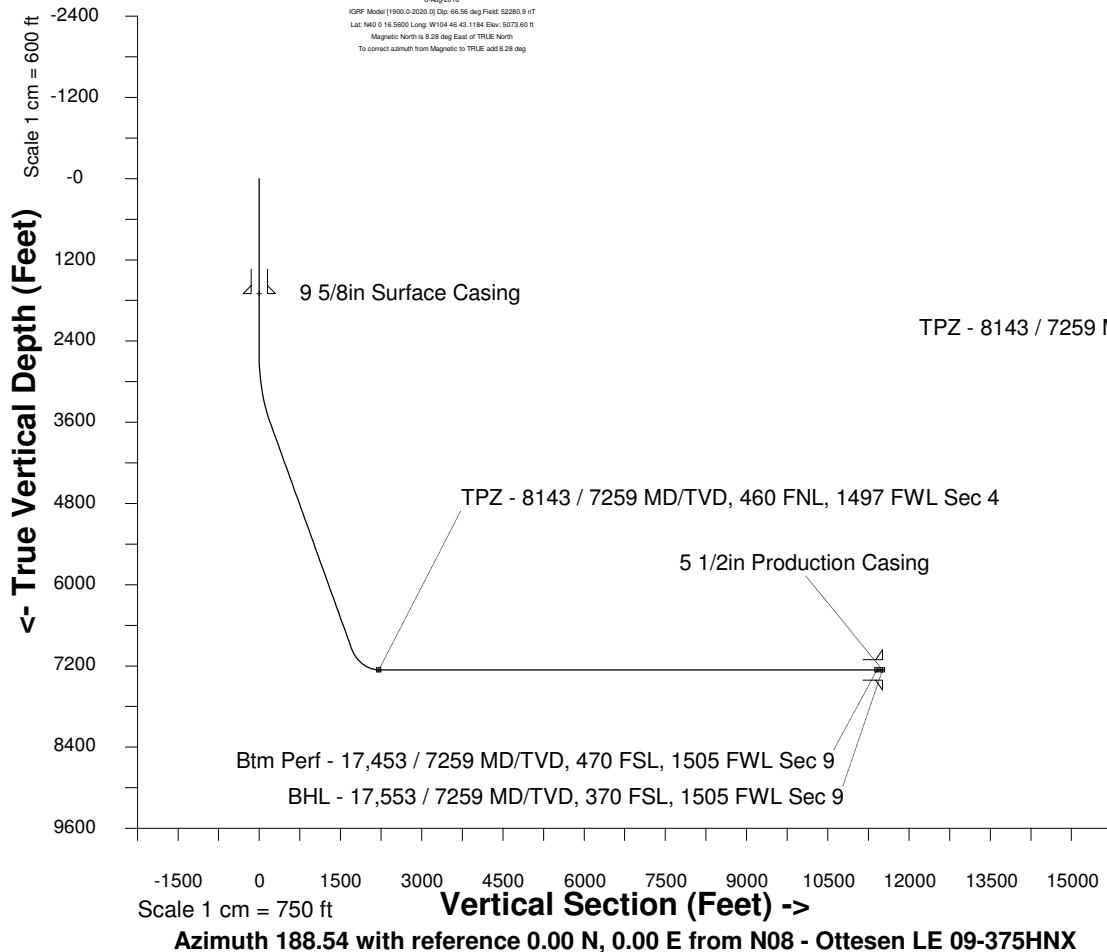
Scale 1 cm = 500 ft

East (Feet) ->

Created by admin
Date plotted 28-Dec-2017

Plot reference is Ottesen LE 09-375HNX (PWB).
Ref wellpath is Ottesen LE 09-375HNX (PWP#1).
Coordinates are in Feet reference N08 - Ottesen LE 09-375HNX.
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.

9-Aug-2016
IGPP 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



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	2642.00	0.00	227.36	2642.00	S 0.00	W 0.00	0.00	-0.00
End of Build	3642.03	30.00	227.36	3596.96	S 173.34	W 188.24	9.84	199.37
End of Hold	7504.02	30.00	227.36	6941.51	S 1481.41	W 1608.77	0.00	1703.95
Target TPZ - ... Sec 4	8142.92	90.00	179.80	7259.00	S 1972.19	W 1742.36	36.09	2209.13
Target Btm Pe... Sec 9	17453.41	90.00	179.80	7259.00	S 11282.63	W 1710.50	0.00	11411.54
End of Turn	17456.05	90.00	179.51	7259.00	S 11285.26	W 1710.48	36.09	11414.14
T.D. & Target BHL...c 9	17552.50	90.00	179.51	7259.00	S 11381.71	W 1709.67	0.00	11509.40

Btm Perf - 17,453 / 7259 MD/TVD, 470 FSL, 1505 FWL Sec 9

BHL - 17,553 / 7259 MD/TVD, 370 FSL, 1505 FWL Sec 9

North(Feet)

Scale 1 cm = 500 ft