



Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot Slot N14 - Ottesen LE 09-369HC
Well Ottesen LE 09-369HC
Wellbore Ottesen LE 09-369HC (PWB)

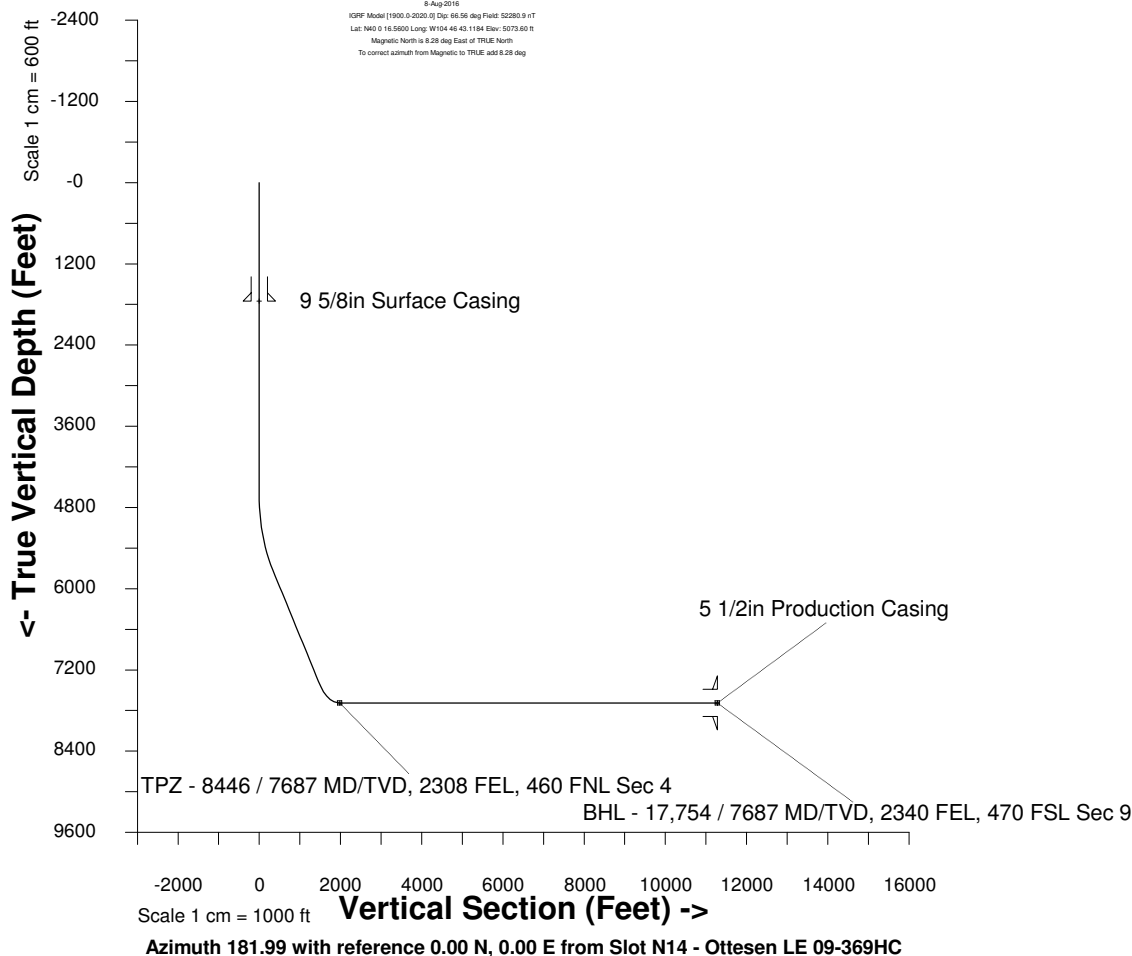
Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 09-369HC (PWB).
Ref wellpath is Ottesen LE 09-369HC (PWP#1).
Coordinates are in Feet reference Slot N14 - Ottesen LE 09-369HC.
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) ->

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



TPZ - 8446 / 7687 MD/TVD, 2308 FEL, 460 FNL Sec 4

Sec 33, T1N, R66W

Sec 04, T1S, R66W

Sec 09, T1S, R66W

BHL - 17,754 / 7687 MD/TVD, 2340 FEL, 470 FSL Sec 9

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	4635.00	0.00	194.06	4635.00	S 0.00	W 0.00	0.00	-0.00
End of Build	5801.65	35.00	194.06	5730.44	S 335.05	W 83.88	9.84	337.75
End of Hold	7884.11	35.00	194.06	7436.30	S 1493.73	W 373.95	0.00	1505.79
Target TPZ - ... Sec 4	8446.30	90.00	179.85	7687.00	S 1970.06	W 415.77	32.81	1983.28
T.D. & Target BHL...c 9	17753.85	90.00	179.85	7687.00	S 11277.58	W 390.98	0.00	11284.36

<- North(Feet)

Scale 1 cm = 500 ft