

Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot Slot N03 - Ottesen LE 09-379HC
Well Ottesen LE 09-379HC
Wellbore Ottesen LE 09-379HC (PWB)

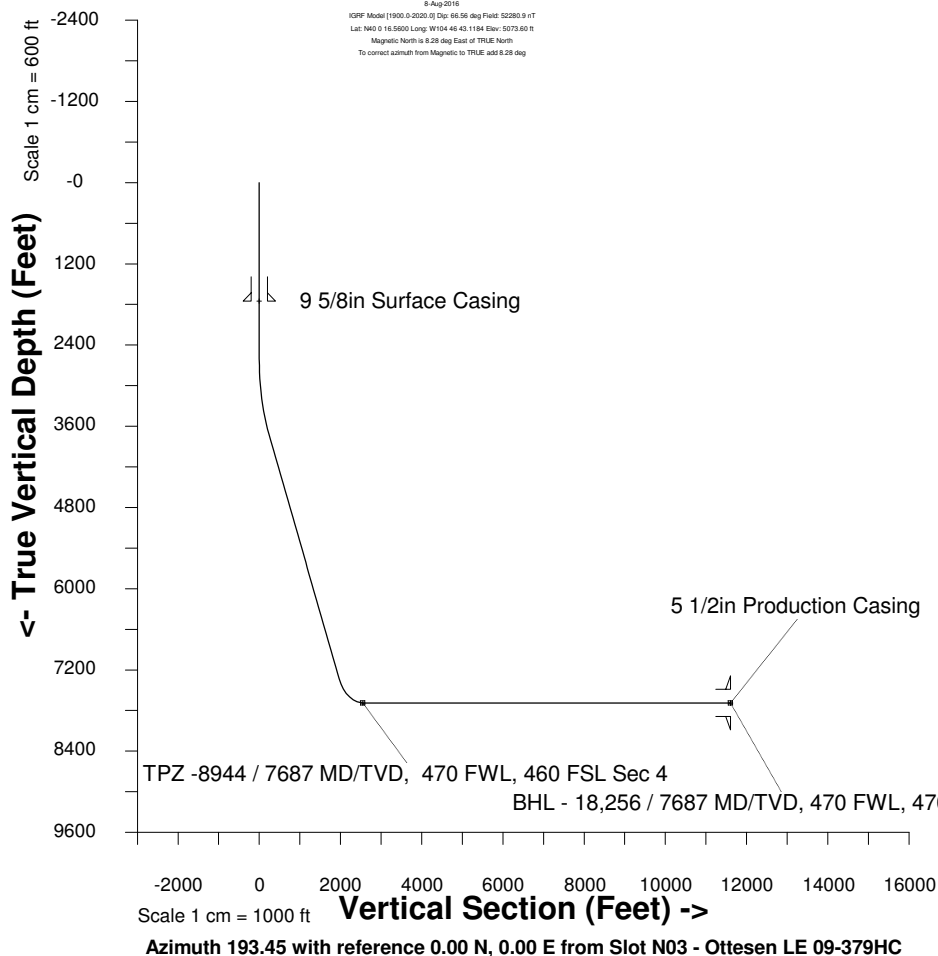
Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 09-379HC (PWB).
Ref wellpath is Ottesen LE 09-379HC (PWP#1).
Coordinates are in Feet reference Slot N03 - Ottesen LE 09-379HC.
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 -8944 / 7687 MD/TVD, 470 FWL, 460 FSL Sec 4

Sec 33, T1N, R66W

1000

0

-1000

Sec 04, T1S, R66W

-2000

-3000

-4000

-5000

-6000

-7000

-8000

-9000

-10000

-11000

-12000

Sec 09, T1S, R66W

-13000

-14000

-15000

BHL - 18,256 / 7687 MD/TVD, 470 FWL, 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	2611.00	0.00	240.45	2611.00	S 0.00	W 0.00	0.00	-0.00
End of Build	3777.60	35.00	240.45	3706.39	S 170.34	W 300.43	9.84	235.56
End of Hold	8207.93	35.00	240.45	7335.60	S 1423.60	W 2510.86	0.00	1968.71
Target TPZ -8... Sec 4	8944.37	90.00	179.85	7687.00	S 1973.92	W 2723.78	32.81	2553.47
T.D. & Target BHL...c 9	18256.29	90.00	179.85	7687.00	S 11285.82	W 2699.86	0.00	11604.26