

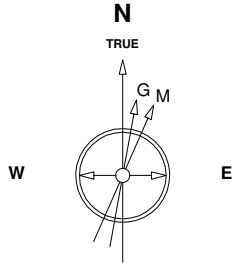
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen

Slot Slot S19 - Ottesen LE 06-071HN
Well Ottesen LE 06-071HN
Wellbore Ottesen LE 06-071HN (PWB)

Created by admin
Date plotted 14-Oct-2016

Plot reference is Ottesen LE 06-071HN (PWB).
Ref wellpath is Ottesen LE 06-071HN (PWP#1).
Coordinates are in Feet reference Slot S19 - Ottesen LE 06-071HN.
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.

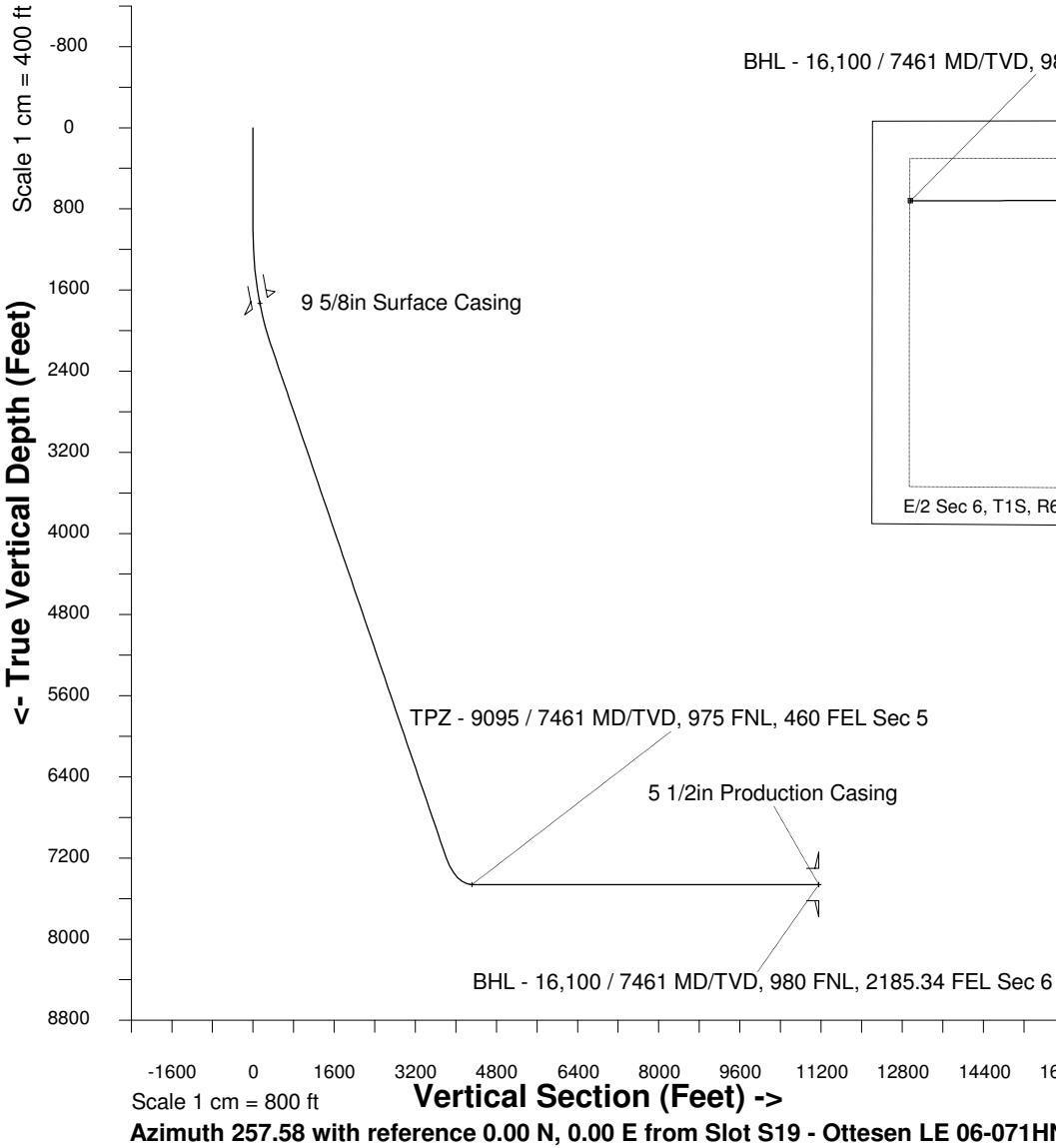


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



BHL - 16,100 / 7461 MD/TVD, 980 FNL, 2185.34 FEL Sec 6

Sec 33, T1N, R66W

1000

0

-1000

Sec 4, T1S, R66W

-2000

-3000

-4000

-5000

-6000

-7000

-8000

<- North(Feet)

Scale 1 cm = 500 ft

TPZ - 9095 / 7461 MD/TVD, 975 FNL, 460 FEL Sec 5

E/2 Sec 6, T1S, R66W

Sec 5, T1S, R66W

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	236.11	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2210.13	36.30	236.11	2130.77	S 206.73	W 307.73	9.84	344.99
End of Hold	8489.87	36.30	236.11	7191.53	S 2280.05	W 3394.01	0.00	3804.95
Target TPZ - ... Sec 5	9095.22	90.00	269.93	7461.00	S 2390.87	W 3892.72	32.81	4315.82
T.D. & Target BHL...c 6	16099.55	90.00	269.93	7461.00	S 2399.72	W 10897.05	0.00	11158.15