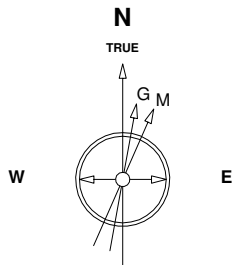


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot S02 - Ottesen LE 06-370HC
Well Ottesen LE 06-370HC
Wellbore Ottesen LE 06-370HC (PWB)

Created by admin
Date plotted 28-Dec-2017

Plot reference is Ottesen LE 06-370HC (PWB).
Ref wellpath is Ottesen LE 06-370HC (PWP#1).
Coordinates are in Feet reference S02 - Ottesen LE 06-370HC.
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.

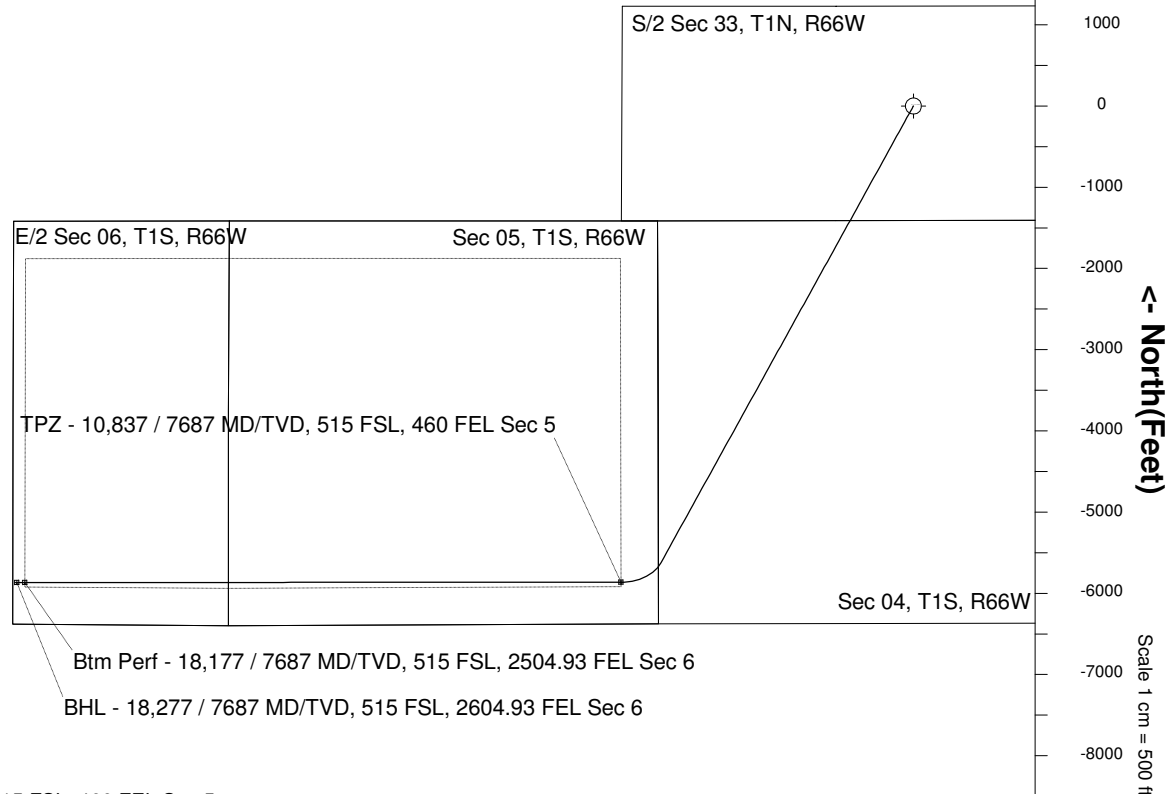
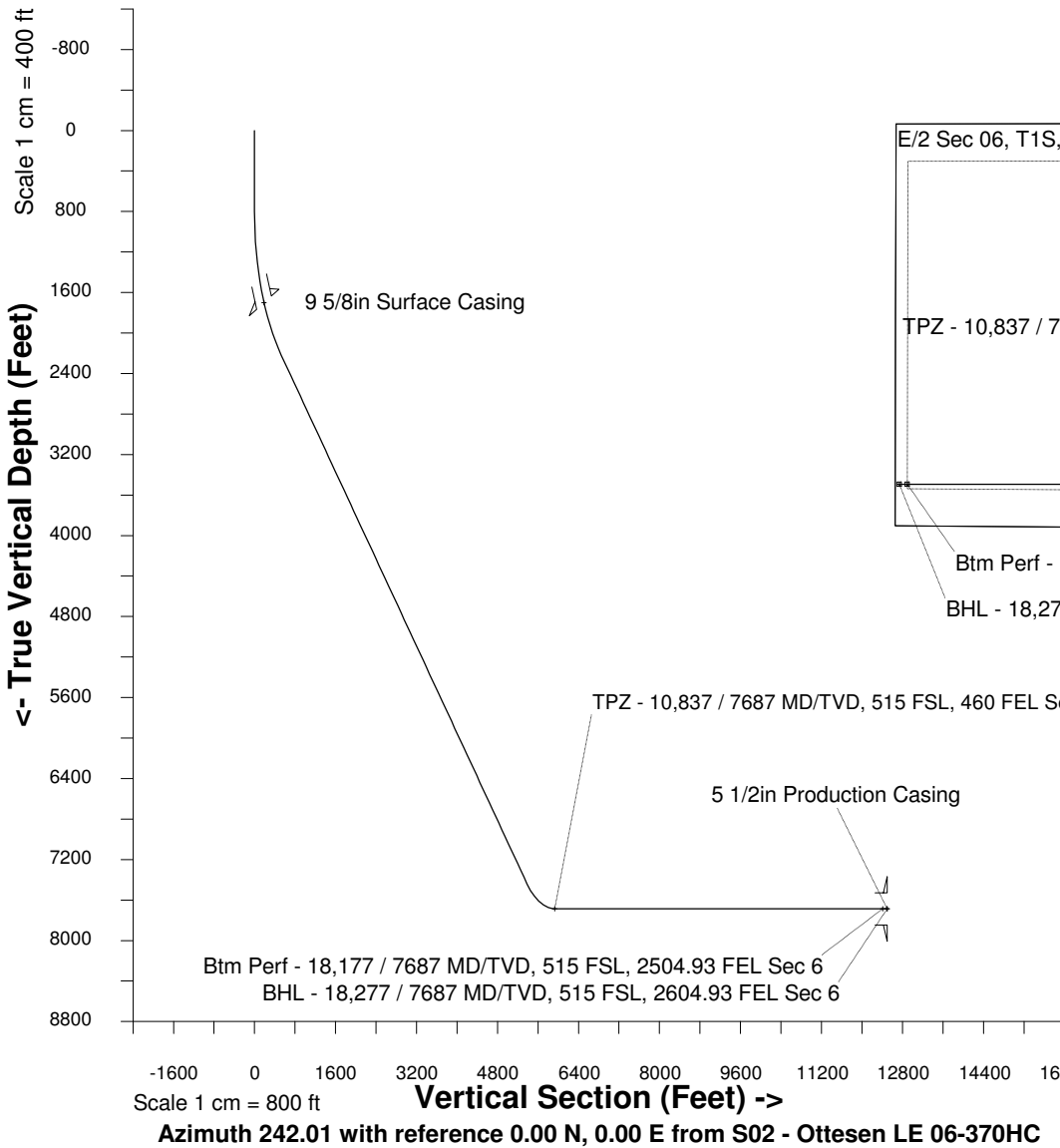


8-Aug-2016
IGRF Model [1900.0-2020.0] Dip: 66.56 deg Field: 52280.9 nT
Lat: N40 0 16.5600 Long: W104 46 43.1184 Elev: 5073.60 ft
Magnetic North is 8.28 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.28 deg

Scale 1 cm = 500 ft

East (Feet) ->

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



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	800.00	0.00	208.93	800.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2399.25	47.98	208.93	2218.80	S 552.56	W 305.43	9.84	529.01
End of Hold	10210.34	47.98	208.93	7447.72	S 5631.10	W 3112.57	0.00	5391.06
Target TPZ - ... Sec 5	10836.89	90.00	269.97	7687.00	S 5863.66	W 3598.48	36.09	5929.28
Target Btm Pe... Sec 6	18177.33	90.00	269.97	7687.00	S 5866.98	W 10938.92	0.00	12412.86
End of Turn	18181.68	90.00	270.45	7687.00	S 5866.97	W 10943.27	36.09	12416.70
T.D. & Target BHL...c 6	18277.36	90.00	270.45	7687.00	S 5866.21	W 11038.95	0.00	12500.84