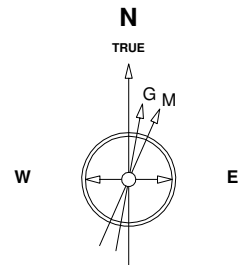


# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Ottesen  
**Slot** S17 - Ottesen LE 06-151HN  
**Well** Ottesen LE 06-151HN  
**Wellbore** Ottesen LE 06-151HN (PWB)

Created by admin  
Date plotted 28-Dec-2017  
Plot reference is Ottesen LE 06-151HN (PWB).  
Ref wellpath is Ottesen LE 06-151HN (PWP#1).  
Coordinates are in Feet reference S17 - Ottesen LE 06-151HN.  
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.

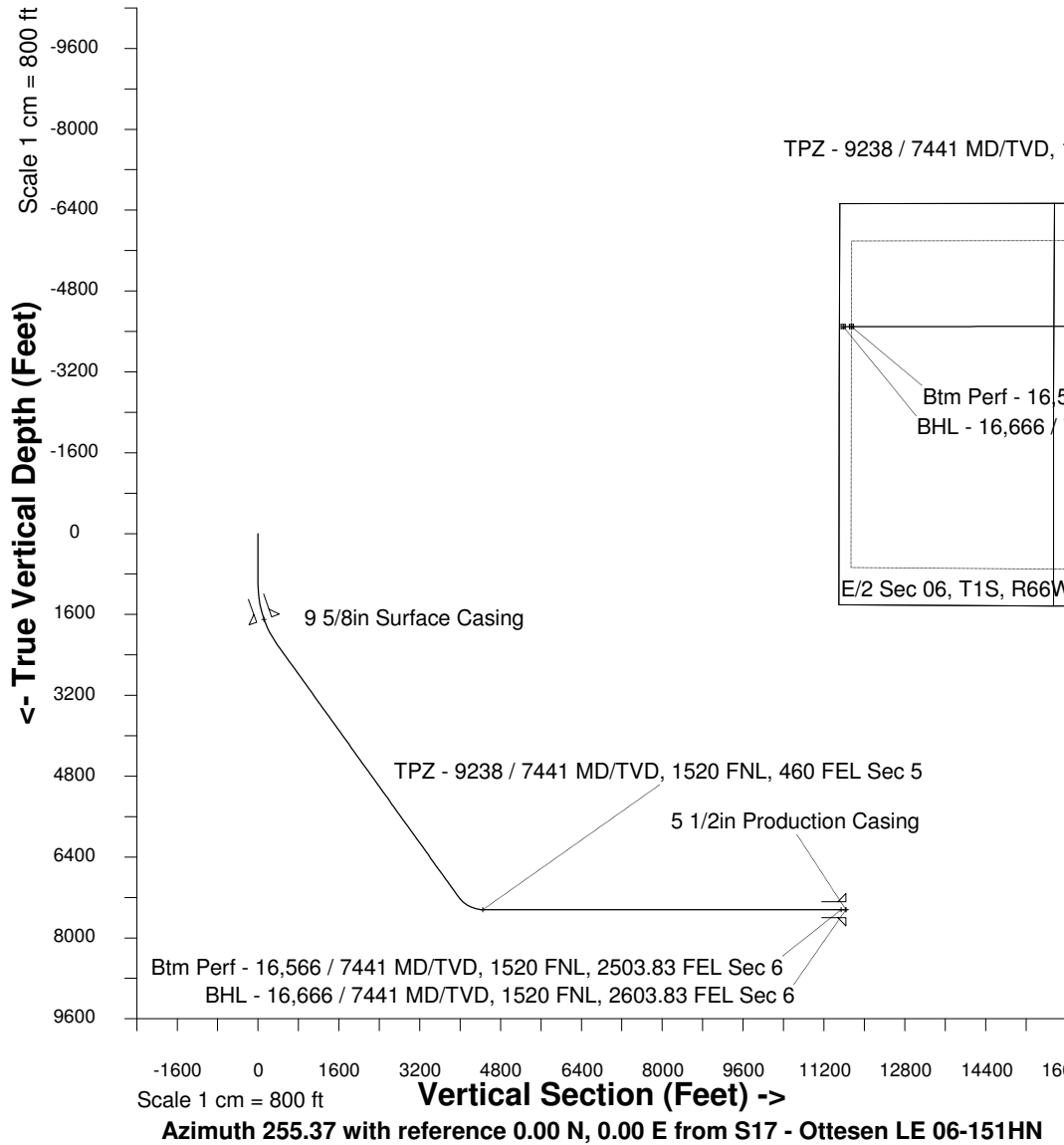


Scale 1 cm = 500 ft

East (Feet) ->

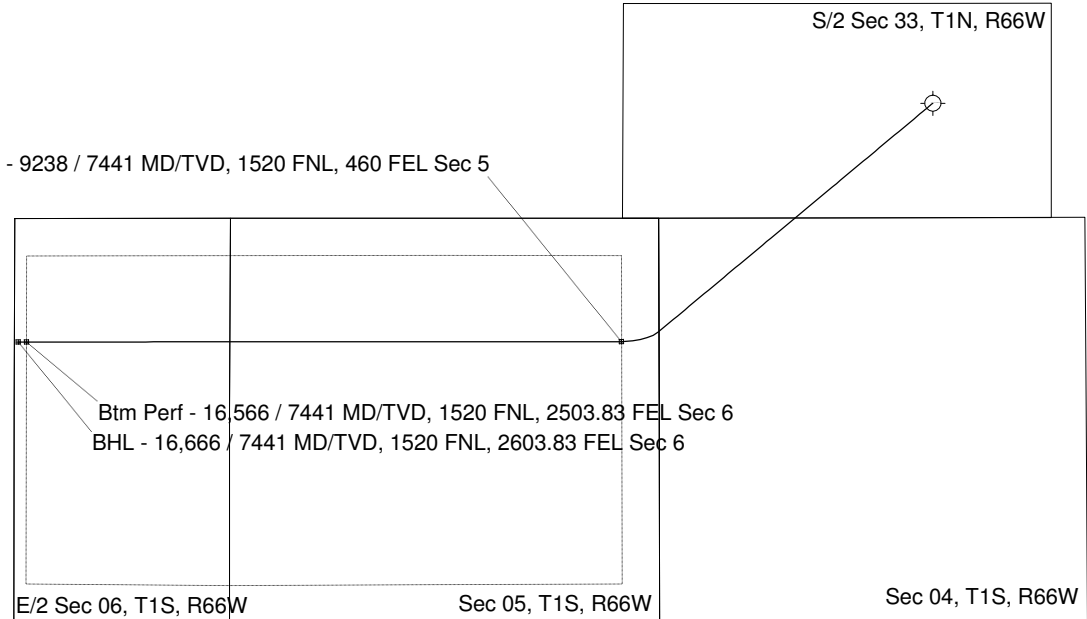
-15000 -14000 -13000 -12000 -11000 -10000 -9000 -8000 -7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000

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



TPZ - 9238 / 7441 MD/TVD, 1520 FNL, 460 FEL Sec 5

Btm Perf - 16,566 / 7441 MD/TVD, 1520 FNL, 2503.83 FEL Sec 6  
BHL - 16,666 / 7441 MD/TVD, 1520 FNL, 2603.83 FEL Sec 6



## 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	230.19	1000.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2281.46	38.44	230.19	2187.45	S 265.05	W 318.06	9.84	374.70
End of Hold	8679.50	38.44	230.19	7198.52	S 2811.70	W 3373.98	0.00	3974.87
Target TPZ - ... Sec 5	9238.16	90.00	269.96	7441.00	S 2935.13	W 3831.45	36.09	4448.68
Target Btm Pe... Sec 6	16565.69	90.00	269.96	7441.00	S 2939.84	W 11158.97	0.00	11539.70
End of Turn	16566.26	90.00	270.03	7441.00	S 2939.84	W 11159.54	36.09	11540.25
T.D. & Target BHL...c 6	16665.71	90.00	270.03	7441.00	S 2939.79	W 11259.00	0.00	11636.47