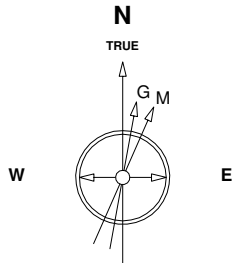


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Ottesen
Slot S04 - Ottesen LE 06-351HN
Well Ottesen LE 06-351HN
Wellbore Ottesen LE 06-351HN (PWB)

Created by admin
Date plotted 28-Dec-2017

Plot reference is Ottesen LE 06-351HN (PWB).
Ref wellpath is Ottesen LE 06-351HN (PWP#1).
Coordinates are in Feet reference S04 - Ottesen LE 06-351HN.
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.

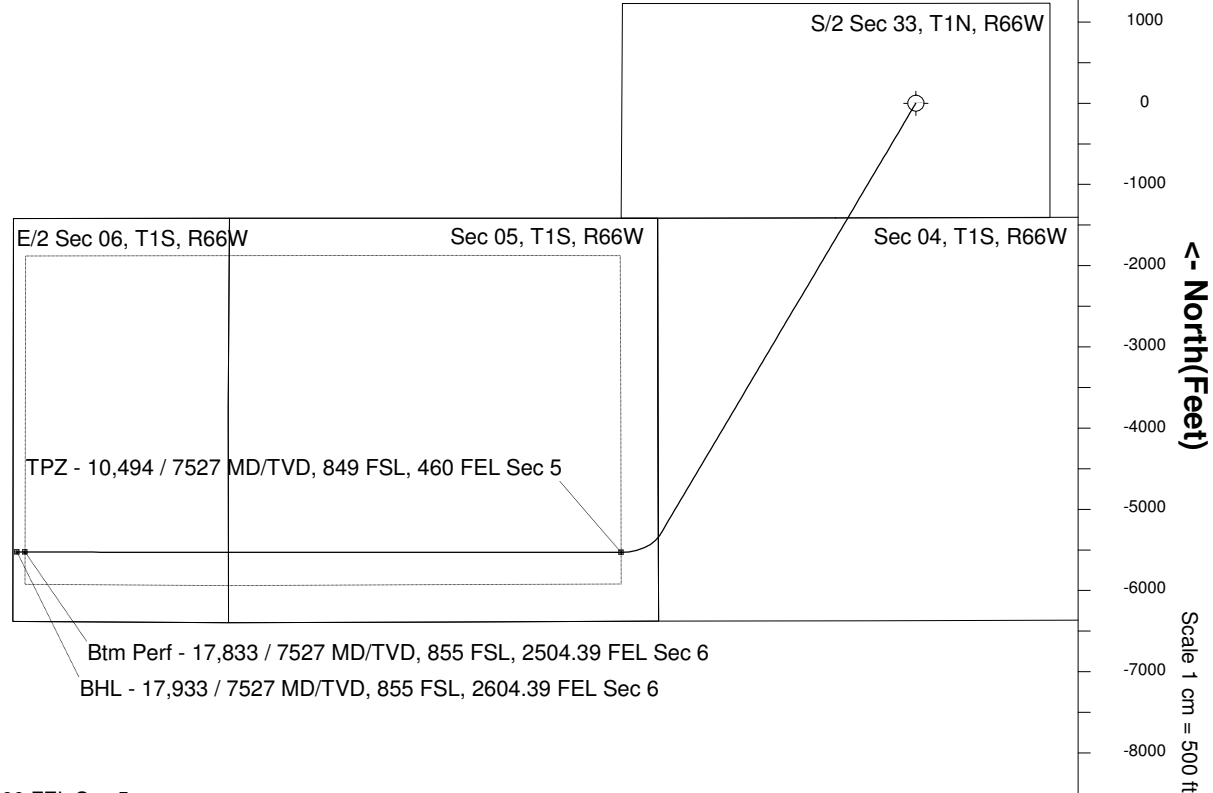
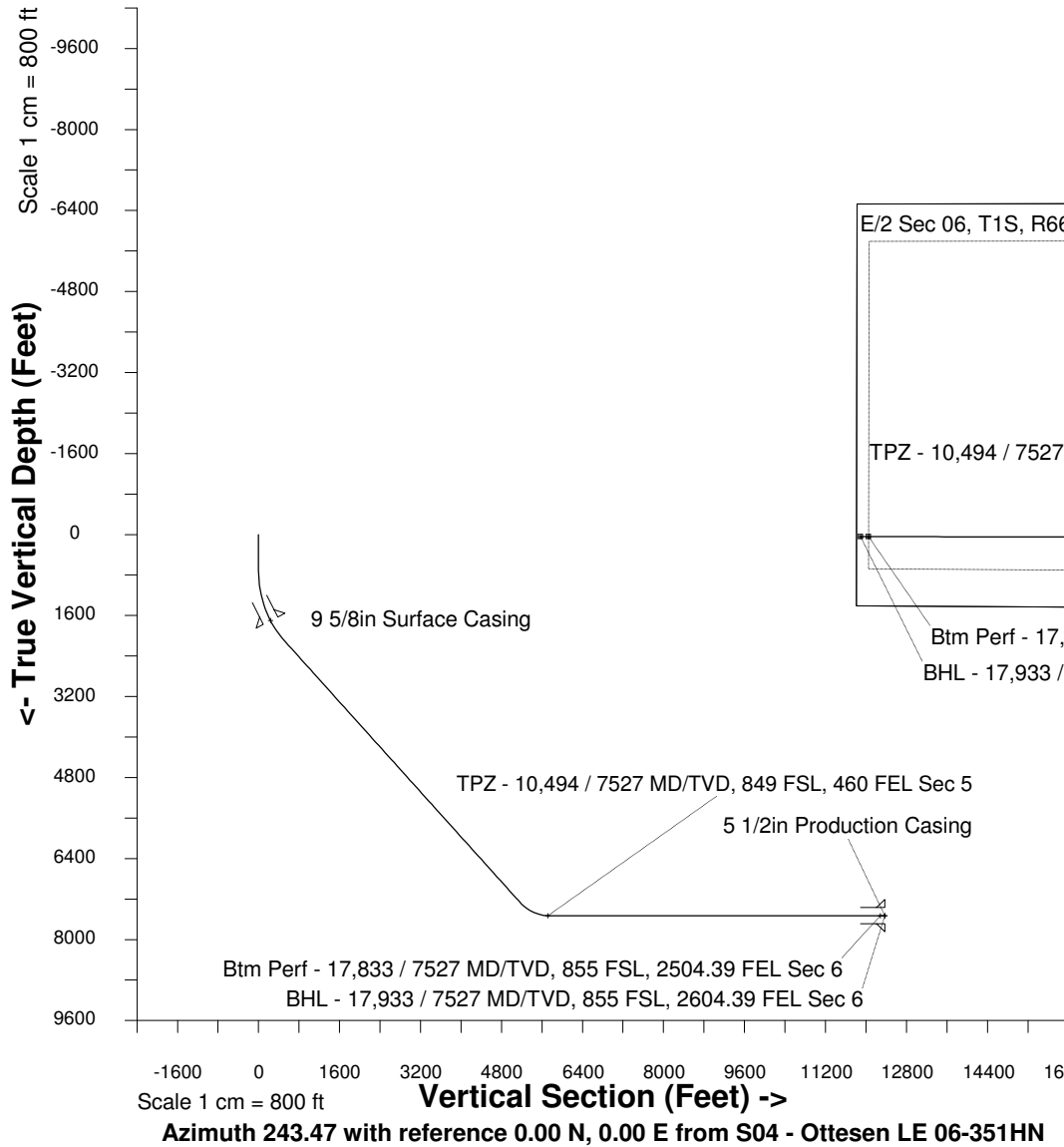


Scale 1 cm = 500 ft

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



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	700.00	0.00	210.65	700.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2266.23	46.99	210.65	2096.49	S 522.24	W 309.42	9.84	510.12
End of Hold	9874.73	46.99	210.65	7286.74	S 5308.55	W 3145.22	0.00	5185.37
Target TPZ - ... Sec 5	10494.11	90.00	270.02	7527.00	S 5529.97	W 3628.70	36.09	5716.84
Target Btm Pe... Sec 6	17833.33	90.00	270.02	7527.00	S 5527.09	W 10967.91	0.00	12281.76
End of Turn	17837.22	90.00	270.45	7527.00	S 5527.07	W 10971.81	36.09	12285.24
T.D. & Target BHL...c 6	17933.36	90.00	270.45	7527.00	S 5526.32	W 11067.95	0.00	12370.92