

# Great Western Operating Company, LLC

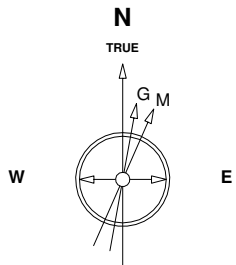
**Location** Colorado  
**Field** Wattenburg  
**Installation** Ocho

**Slot** Slot W07 - Ocho LD 17-378HN  
**Well** Ocho LD 17-378HN  
**Wellbore** Ocho LD 17-378HN (PWB)

Created by admin

Date plotted 14-Sep-2017

Plot reference is Ocho LD 17-378HN (PWB).  
Ref wellpath is Ocho LD 17-378HN (PWP#1).  
Coordinates are in Feet reference Slot W07 - Ocho LD 17-378HN.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 20.00 ft.  
Plot North is aligned to TRUE North.

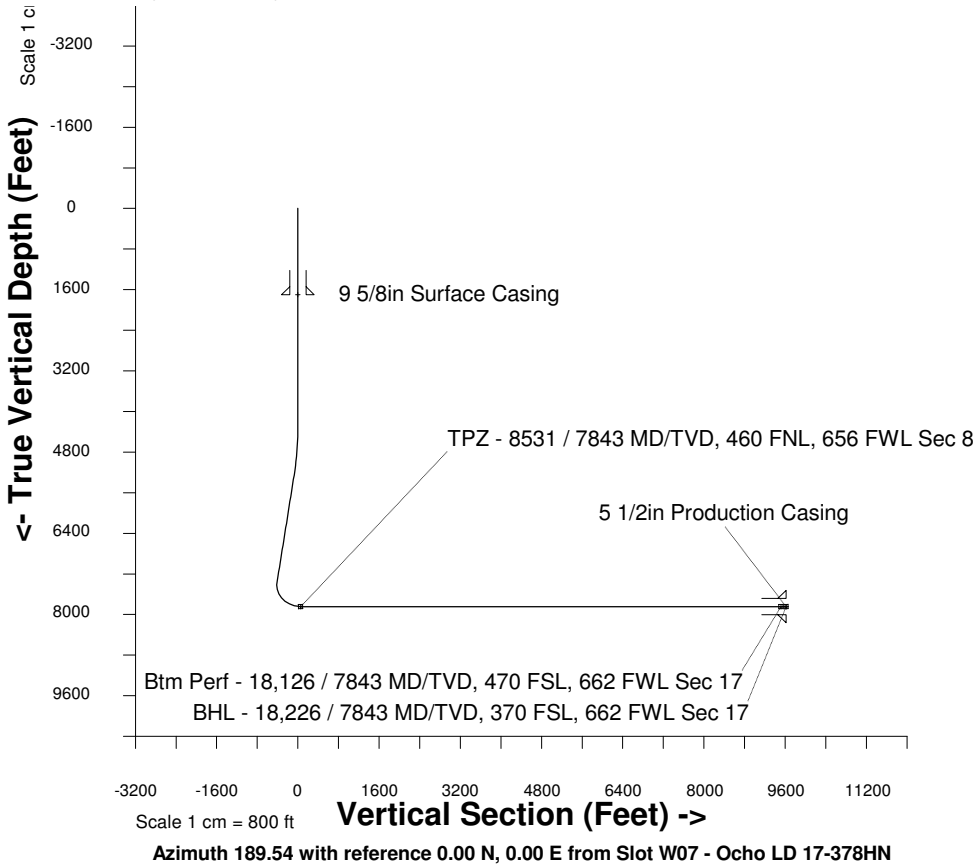


Scale 1 cm = 400 ft

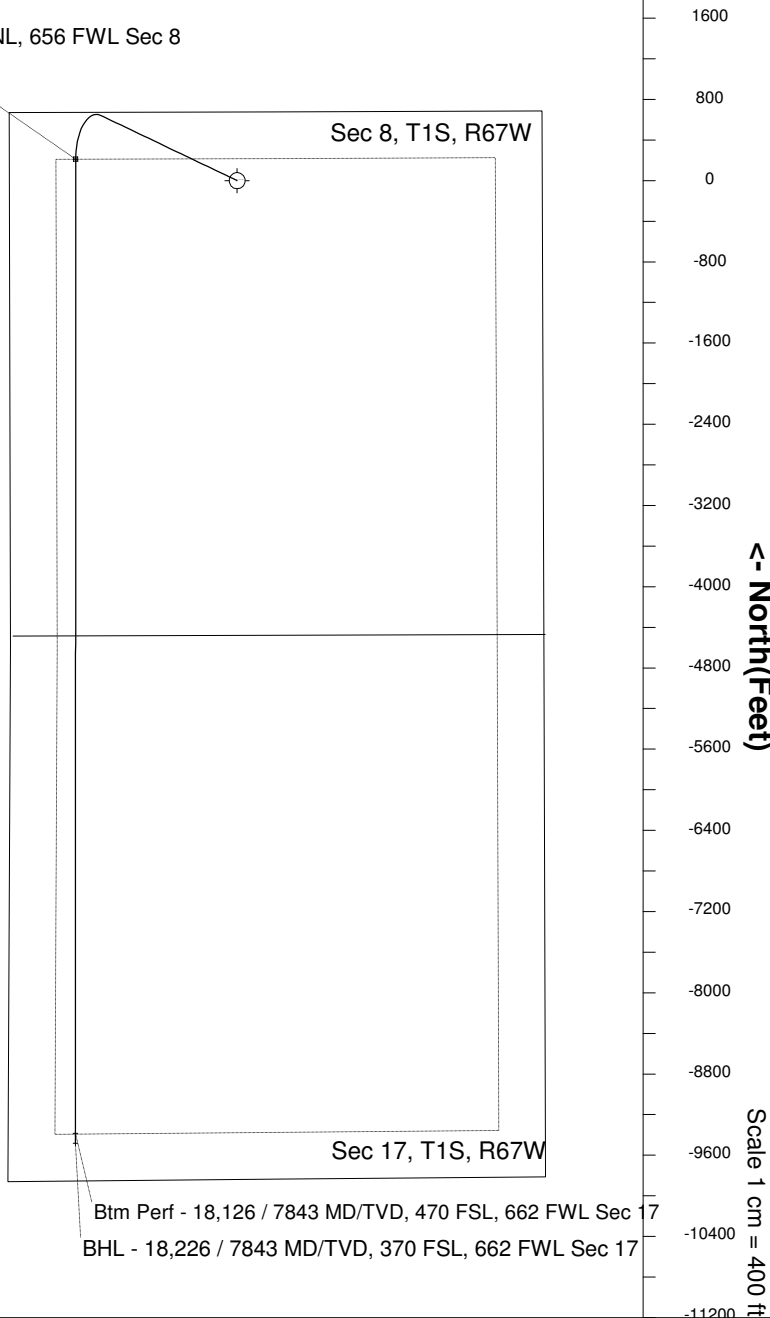
East (Feet) ->

-6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600 2400 3200 4000

31-Aug-2016  
IGRF Model [1900.0-2020.0] Dip: 66.52 deg Field: 52289.7 nT  
Lat: N39 59 4.9488 Long: W104 54 50.5188 Elev: 0.00 ft  
Magnetic North is 8.34 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.34 deg



TPZ - 8531 / 7843 MD/TVD, 460 FNL, 656 FWL Sec 8



## 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	4280.00	0.00	295.56	4280.00	S 0.00	W 0.00	0.00	-0.00
End of Build	5279.96	30.00	295.56	5234.90	N 110.38	W 230.82	9.84	-70.61
End of Hold	7742.89	30.00	295.56	7367.88	N 641.62	W 1341.76	0.00	-410.47
Target TPZ - ... Sec 8	8530.94	90.00	180.02	7843.00	N 211.34	W 1589.43	42.65	54.90
Target Btm Pe...Sec 17	18125.85	90.00	180.02	7843.00	S 9383.58	W 1593.13	0.00	9517.84
End of Turn	18126.03	90.00	180.00	7843.00	S 9383.75	W 1593.13	42.65	9518.01
T.D. & Target BHL... 17	18225.85	90.00	180.00	7843.00	S 9483.58	W 1593.13	0.00	9616.46