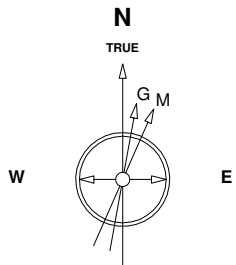


# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** B-Farm  
**Slot** W-18 - B-Farm LD 18-388HC  
**Well** B-Farm LD 18-388HC  
**Wellbore** B-Farm LD 18-388HC (PWB)

Created by admin  
Date plotted 28-Nov-2016

Plot reference is B-Farm LD 18-388HC (PWB).  
Ref wellpath is B-Farm LD 18-388HC (PWP#1).  
Coordinates are in Feet reference W-18 - B-Farm LD 18-388HC.  
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.



8-Sep-2016  
IGRF Model [1900.0-2020.0] Dip: 66.51 deg Field: 52284.8 nT  
Lat: N39 59 3.0300 Long: W104 56 2.5008 Elev: 0.00 ft  
Magnetic North is 8.35 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.35 deg

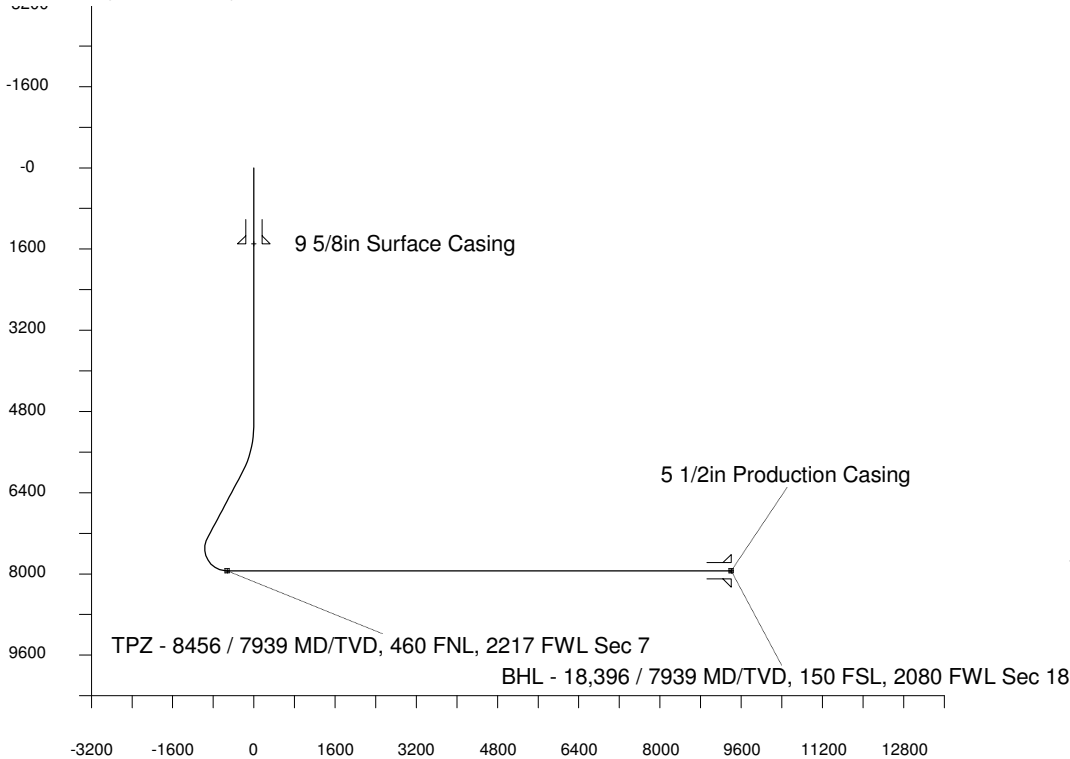
Scale 1 cm = 300 ft

East (Feet) ->

-3600 -3000 -2400 -1800 -1200 -600 0 600 1200 1800 2400 3000 3600 4200

<- True Vertical Depth (Feet)

Scale 1 cm



Scale 1 cm = 800 ft

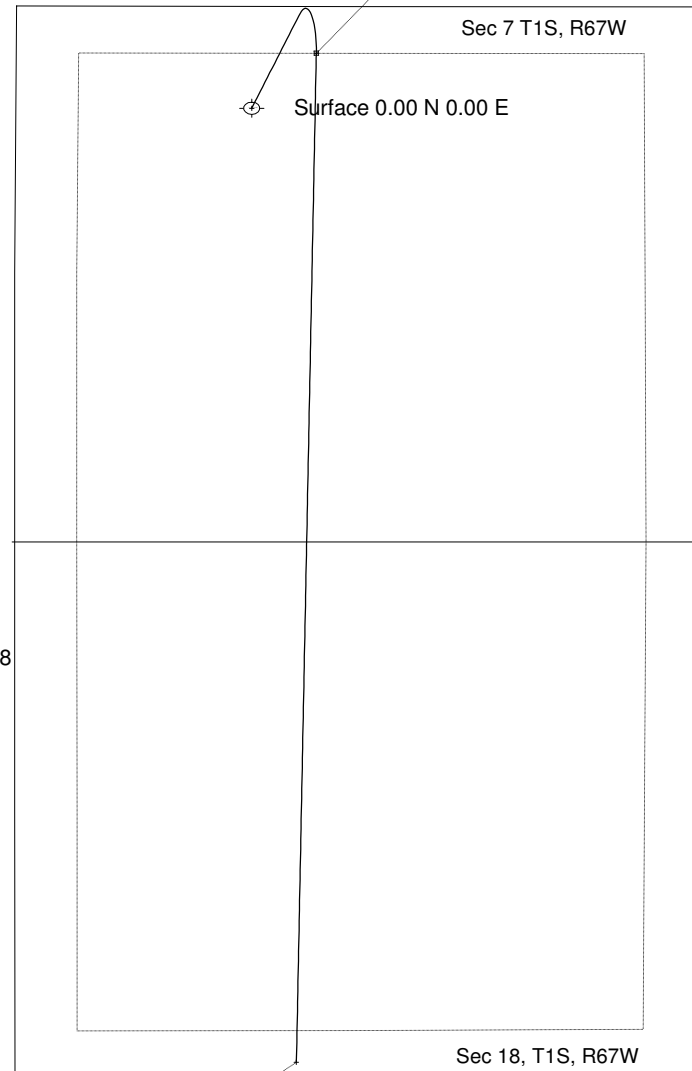
Vertical Section (Feet) ->

Azimuth 177.99 with reference 0.00 N, 0.00 E from W-18 - B-Farm LD 18-388HC

## 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	5061.00	0.00	20.93	5061.00	S 0.00	W 0.00	0.00	0.00
End of Build	6060.97	30.00	20.93	6015.90	N 238.97	E 91.41	9.84	-235.61
End of Hold	7547.94	30.00	20.93	7303.67	N 933.37	E 357.03	0.00	-920.25
Target TPZ - ... Sec 7	8455.69	90.00	180.85	7939.00	N 542.43	E 477.22	42.65	-525.33
T.D. & Target BHL... 18	18395.57	90.00	180.85	7939.00	S 9396.38	E 330.24	0.00	9402.18

TPZ - 8456 / 7939 MD/TVD, 460 FNL, 2217 FWL Sec 7



BHL - 18,396 / 7939 MD/TVD, 150 FSL, 2080 FWL Sec 18

<- North(Feet)

Scale 1 cm = 400 ft