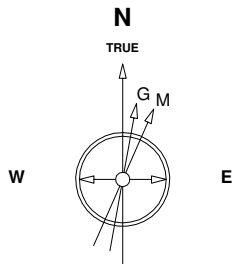


# Great Western Operating Company, LLC

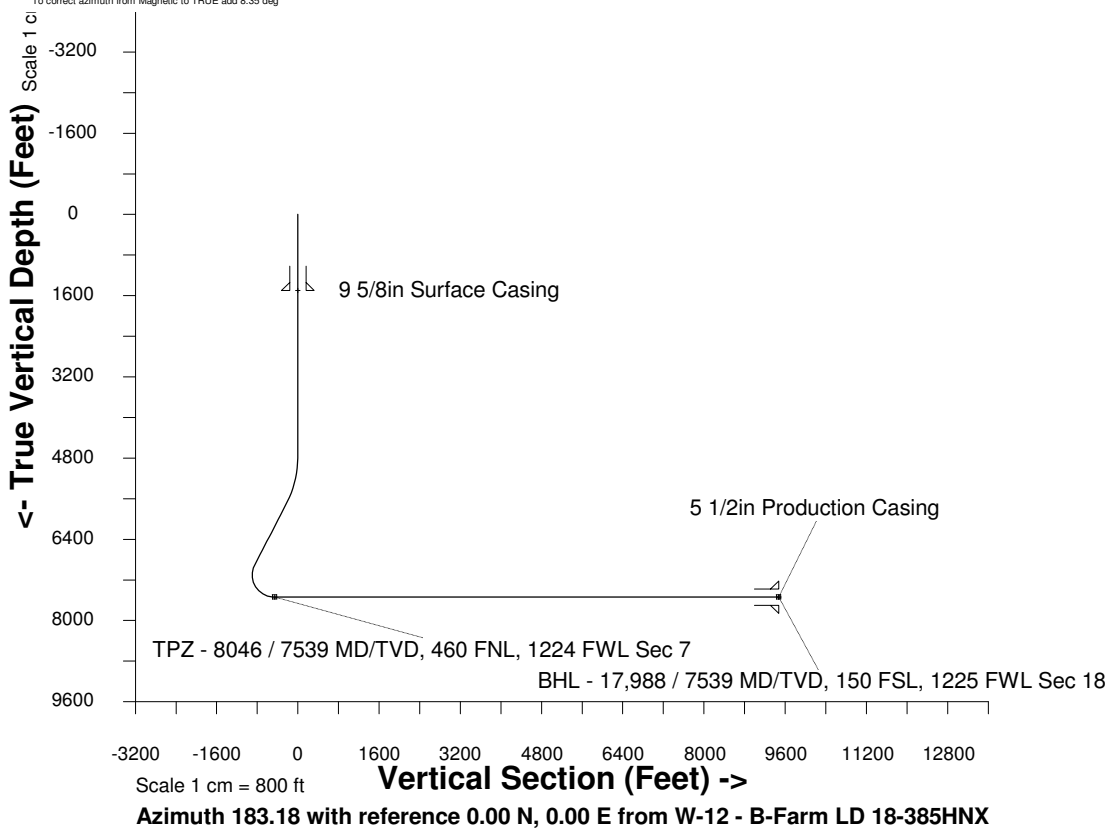
**Location** Colorado  
**Field** Wattenburg  
**Installation** B-Farm  
**Slot** W-12 - B-Farm LD 18-385HNX  
**Well** B-Farm LD 18-385HNX  
**Wellbore** B-Farm LD 18-385HNX (PWB)

Created by admin  
Date plotted 28-Nov-2016

Plot reference is B-Farm LD 18-385HNX (PWB).  
Ref wellpath is B-Farm LD 18-385HNX (PWP#1).  
Coordinates are in Feet reference W-12 - B-Farm LD 18-385HNX.  
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



## 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	4751.00	0.00	336.92	4751.00	S 0.00	W 0.00	0.00	-0.00
End of Build	5751.00	30.00	336.92	5705.93	N 235.39	W 100.31	9.84	-229.47
End of Hold	7143.14	30.00	336.92	6911.56	N 875.75	W 373.18	0.00	-853.69
Target TPZ - ... Sec 7	8046.02	90.00	180.06	7539.00	N 484.51	W 515.89	42.65	-455.13
T.D. & Target BHL... 18	17987.73	90.00	180.06	7539.00	S 9457.21	W 525.63	0.00	9471.80

BHL - 17,988 / 7539 MD/TVD, 150 FSL, 1225 FWL Sec 18