

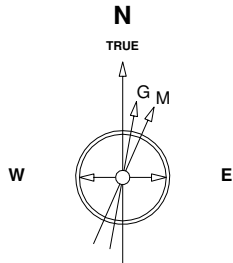
# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Marcus

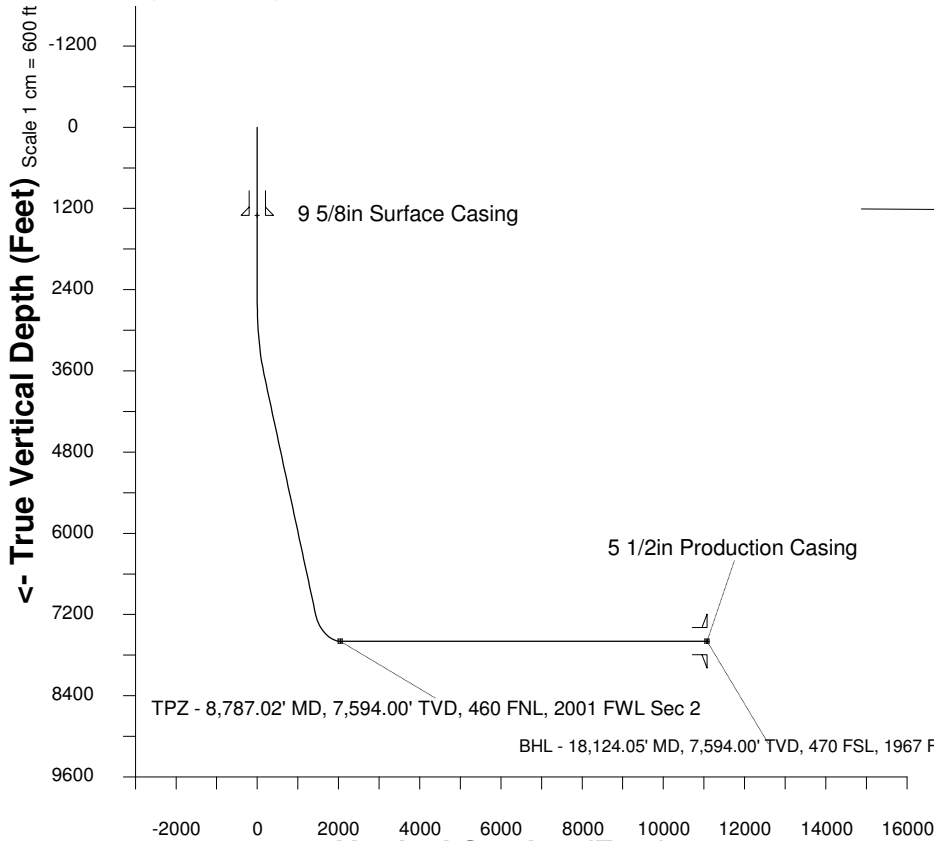
**Slot** Slot W10 - Marcus LD 11-373HN  
**Well** Marcus LD 11-373HN  
**Wellbore** Marcus LD 11-373HN (PWB)

Created by admin  
Date plotted 18-May-2016

Plot reference is Marcus LD 11-373HN (PWB).  
Ref wellpath is Marcus LD 11-373HN (PWP#1).  
Coordinates are in Feet reference Slot W10 - Marcus LD 11-373HN.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 5058.20 ft.  
Plot North is aligned to TRUE North.



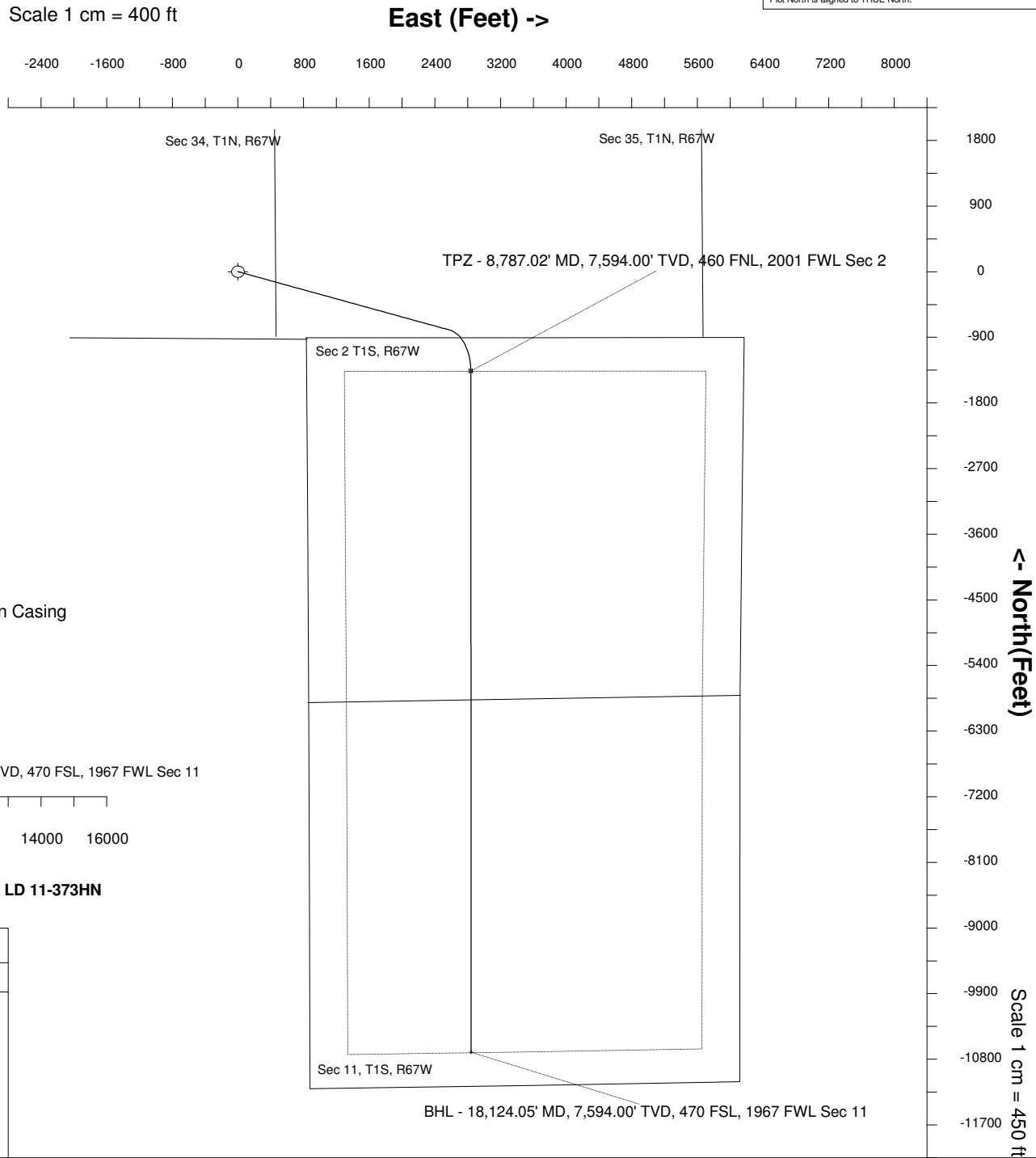
13-Dec-2014  
IGRF Model [1900.0-2020.0] Dip: 66.58 deg Field: 52459.7 nT  
Lat: N40 0 11.6388 Long: W104 52 6.9096 Elev: 5042.00 ft  
Magnetic North is 8.50 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.50 deg



Scale 1 cm = 1000 ft  
**Vertical Section (Feet) ->**  
Azimuth 165.12 with reference 0.00 N, 0.00 E from Slot W10 - Marcus LD 11-373HN

## WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	16.20	0.00	0.00	16.20	S 0.00	W 0.00		0.00
KOP	2600.00	0.00	107.23	2600.00	S 0.00	W 0.00	0.00	0.00
End of Build	3732.23	33.97	107.23	3667.06	S 96.54	E 311.27	9.84	173.22
End of Hold	7982.45	33.97	107.23	7192.03	S 799.94	E 2579.36	0.00	1435.43
Target TPZ - ... Sec 2	8787.02	90.00	179.97	7594.00	S 1364.83	E 2838.26	32.81	2047.86
T.D. & Target BHL... 11	18124.05	90.00	179.97	7594.00	S 10701.86	E 2843.25	0.00	11073.11



**<- North(Feet)**

Scale 1 cm = 450 ft