

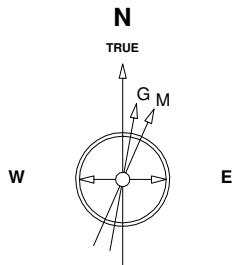
# Great Western Operating Company, LLC

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

**Slot** Slot W07 - Marcus LD 11-376HN  
**Well** Marcus LD 11-376HN  
**Wellbore** Marcus LD 11-376HN (PWB)

Created by admin  
Date plotted 12-Aug-2016

Plot reference is Marcus LD 11-376HN (PWB).  
Ref wellpath is Marcus LD 11-376HN (PWP#1).  
Coordinates are in Feet reference Slot W07 - Marcus LD 11-376HN.  
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.

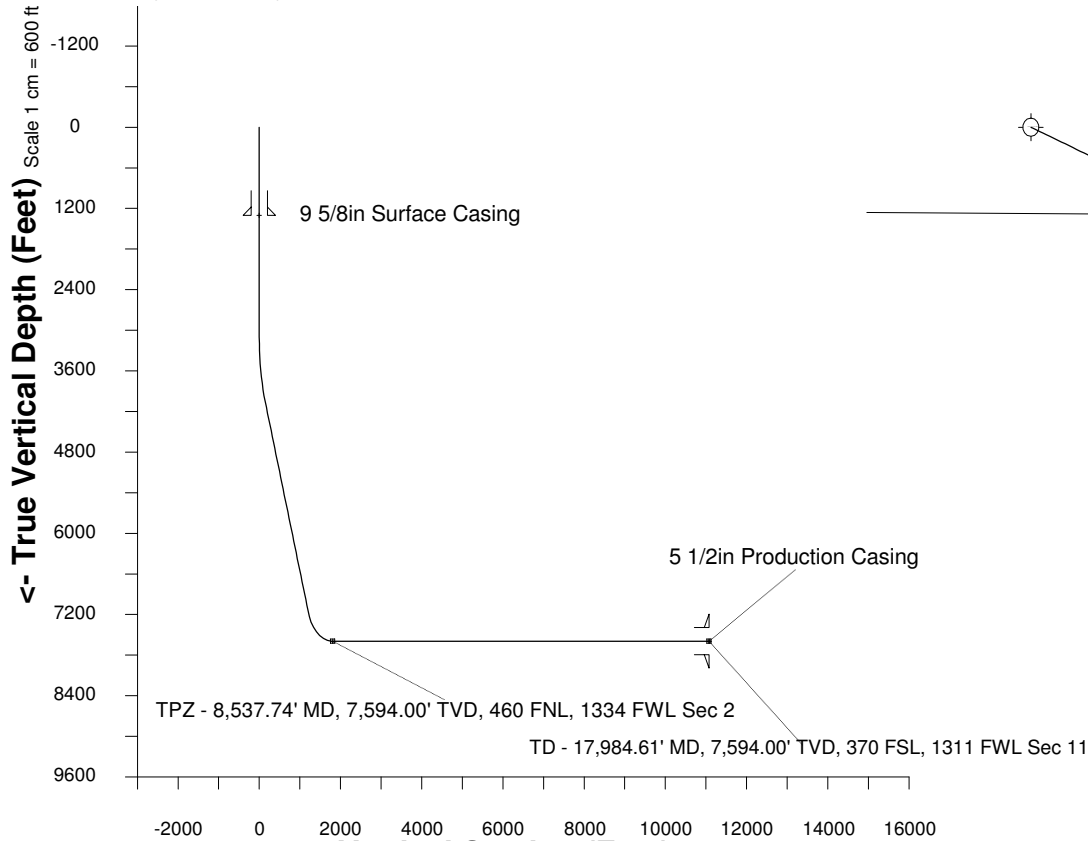


Scale 1 cm = 500 ft

East (Feet) ->

-3000 -2000 -1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000

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



Vertical Section (Feet) ->

Scale 1 cm = 1000 ft

Azimuth 168.60 with reference 0.00 N, 0.00 E from Slot W07 - Marcus LD 11-376HN

## 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	3100.00	0.00	113.53	3100.00	S 0.00	W 0.00	0.00	0.00
End of Build	4127.75	30.83	113.53	4078.86	S 107.74	E 247.49	9.84	154.52
End of Hold	7756.27	30.83	113.53	7194.56	S 850.07	E 1952.64	0.00	1219.16
Target TPZ - ... Sec 2	8537.74	90.00	179.90	7594.00	S 1410.43	E 2172.06	32.81	1811.82
T.D. & Target TD ... 11	17984.61	90.00	179.90	7594.00	S 10857.29	E 2188.57	0.00	11075.68

Sec 34, T1N, R67W

Sec 35, T1N, R67W

1800

900

0

-900

-1800

-2700

-3600

-4500

-5400

-6300

-7200

-8100

-9000

-9900

-10800

-11700

Sec 2 T1S, R67W

Sec 11, T1S, R67W

TD - 17,984.61' MD, 7,594.00' TVD, 370 FSL, 1311 FWL Sec 11

<- North(Feet)

Scale 1 cm = 450 ft