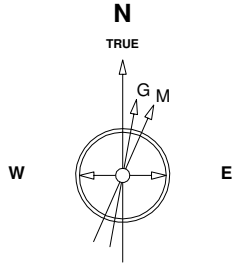


# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenberg  
**Installation** Bower 11  
**Slot** Bower FD 11-239HN  
**Well** Bower FD 11-239HN  
**Wellbore** Bower FD 11-239HN (PWB)

Created by admin  
Date plotted 5-Jun-2015

Plot reference is Bower FD 11-239HN (PWB).  
Ref wellpath is Bower FD 11-239HN (PWP#1).  
Coordinates are in Feet reference Bower FD 11-239HN.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 4890.80 ft.  
Plot North is aligned to TRUE North.



5-Jun-2015  
IGRF Model [1900.0-2020.0] Dip: 66.97 deg Field: 52666.3 nT  
Lat: N40 30 3.7296 Long: W104 52 25.6044 Elev: 4874.60 ft  
Magnetic North is 8.49 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.49 deg

Scale 1 cm = 350 ft

East (Feet) ->

-2800 -2100 -1400 -700 0 700 1400 2100 2800 3500 4200 4900 5600 6300 7000

3500

2800

2100

1400

700

0

-700

-1400

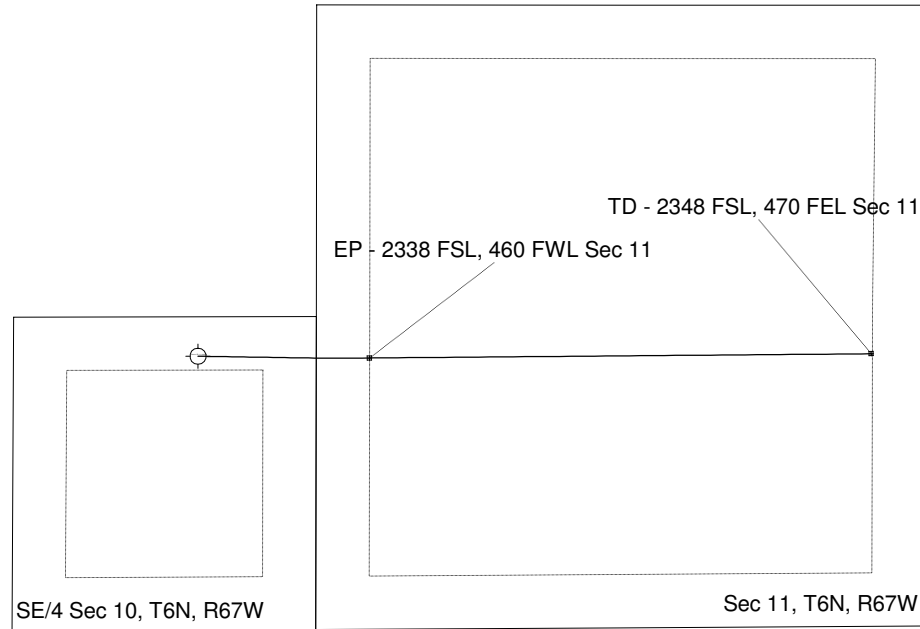
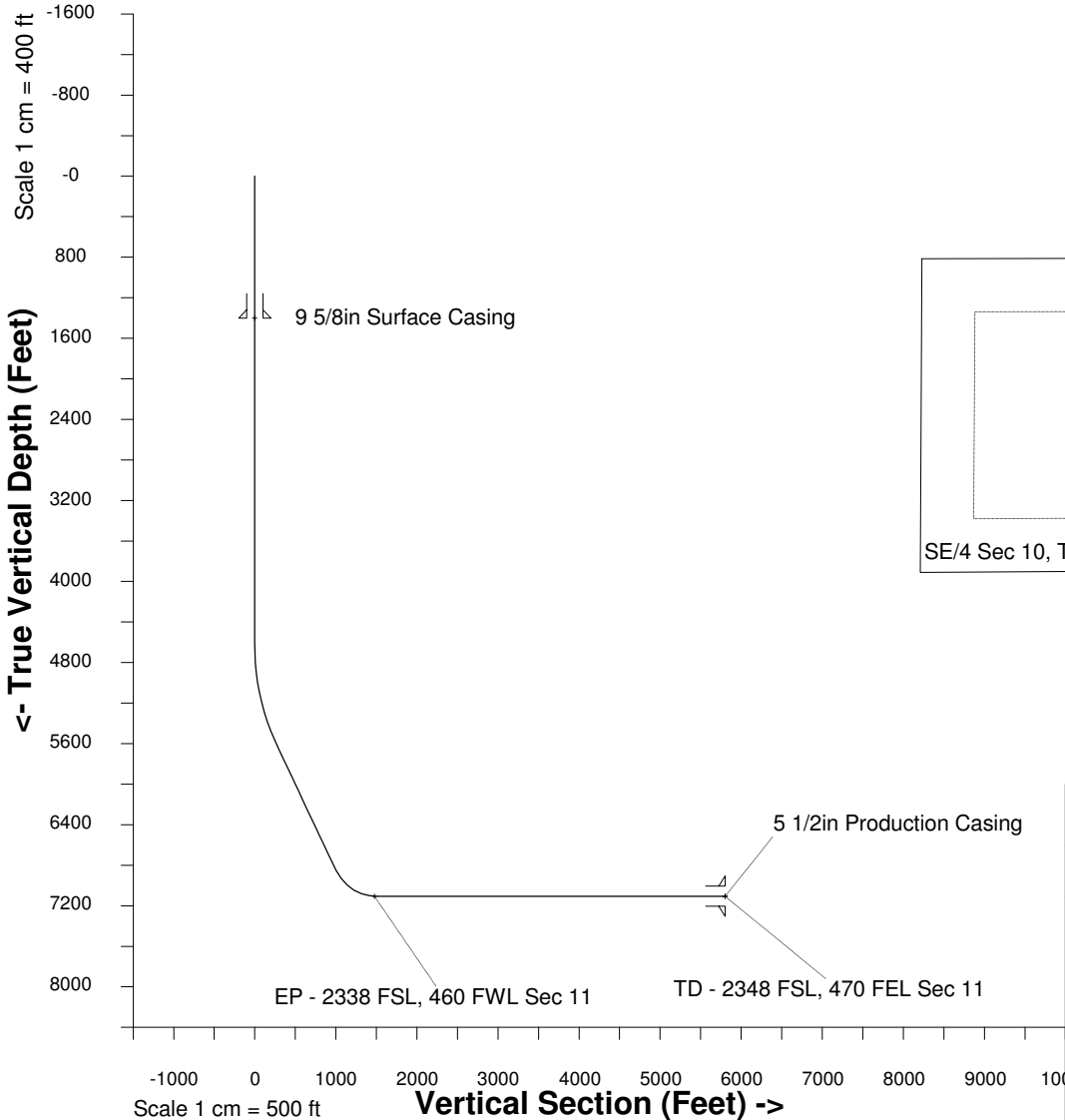
-2100

-2800

-3500

<- North (Feet) : South (Feet) ->

Scale 1 cm = 350 ft



## 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	4630.00	0.00	90.88	4630.00	S 0.00	W 0.00	0.00	0.00
End of Build	5646.17	30.49	90.88	5598.90	S 4.05	E 263.99	9.84	263.97
End of Hold	7066.24	30.49	90.88	6822.66	S 15.10	E 984.32	0.00	984.26
Target EP - 2...Sec 11	7661.48	90.00	89.52	7105.00	S 14.89	E 1478.14	32.81	1478.07
T.D. & Target TD ... 11	11985.35	90.00	89.52	7105.00	N 21.45	E 5801.86	0.00	5801.90