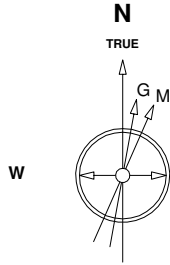


# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Wilson  
**Slot** Slot N10 - Wilson IC 03-139HNX  
**Well** Wilson IC 03-139HNX  
**Wellbore** Wilson IC 03-139HNX (PWB)

Created by admin  
Date plotted 4-Oct-2017

Plot reference is Wilson IC 03-139HNX (PWB).  
Ref wellpath is Wilson IC 03-139HNX (PWP#1).  
Coordinates are in Feet reference Slot N10 - Wilson IC 03-139HNX.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 5005.80 ft.  
Plot North is aligned to TRUE North.



Scale 1 cm = 400 ft

East (Feet) ->

-14400 -13600 -12800 -12000 -11200 -10400 -9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800

2400

TPZ - 7534 / 7038 MD/TVD, 1642 FNL, 460 FEL Sec 2

BHL - 17,290 / 7038 MD/TVD, 1637 FNL, 370 FWL Sec 3

Btm Perf - 17,190 / 7038 MD/TVD, 1637 FNL, 470 FWL Sec 3

Scale 1 cm = 400 ft

<- True Vertical Depth (Feet)

9 5/8in Surface Casing

TPZ - 7534 / 7038 MD/TVD, 1642 FNL, 460 FEL Sec 2

5 1/2in Production Casing

Btm Perf - 17,190 / 7038 MD/TVD, 1637 FNL, 470 FWL Sec 3

BHL - 17,290 / 7038 MD/TVD, 1637 FNL, 370 FWL Sec 3

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 267.01 with reference 0.00 N, 0.00 E from Slot N10 - Wilson IC 03-139HNX

<- North(Feet)

Scale 1 cm = 400 ft

## 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	5006.00	0.00	237.80	5006.00	S 0.00	W 0.00	0.00	-0.00
End of Build	6006.09	30.00	237.80	5961.00	S 136.37	W 216.56	9.84	223.38
End of Hold	6886.12	30.00	237.80	6723.11	S 370.85	W 588.93	0.00	607.50
Target TPZ - ... Sec 2	7534.12	90.00	269.43	7038.00	S 471.38	W 1106.37	32.81	1129.49
Target Btm Pe... Sec 3	17190.00	90.00	269.43	7038.00	S 568.16	W 10761.77	0.00	10776.76
End of Turn	17194.52	90.00	270.01	7038.00	S 568.18	W 10766.29	42.65	10781.27
T.D. & Target BHL...c 3	17290.00	90.00	270.01	7038.00	S 568.16	W 10861.77	0.00	10876.62