

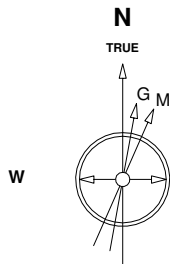
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Wilson

Slot Slot N13 - Wilson IC 03-179HN
Well Wilson IC 03-179HN
Wellbore Wilson IC 03-179HN (PWB)

Created by admin
Date plotted 4-Oct-2017

Plot reference is Wilson IC 03-179HN (PWB).
Ref wellpath is Wilson IC 03-179HN (PWP#1).
Coordinates are in Feet reference Slot N13 - Wilson IC 03-179HN.
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 - 7816 / 7171 MD/TVD, 2307 FNL, 460 FEL Sec 2

BHL - 17,570 / 7171 MD/TVD, 2300 FNL, 370 FWL Sec 3

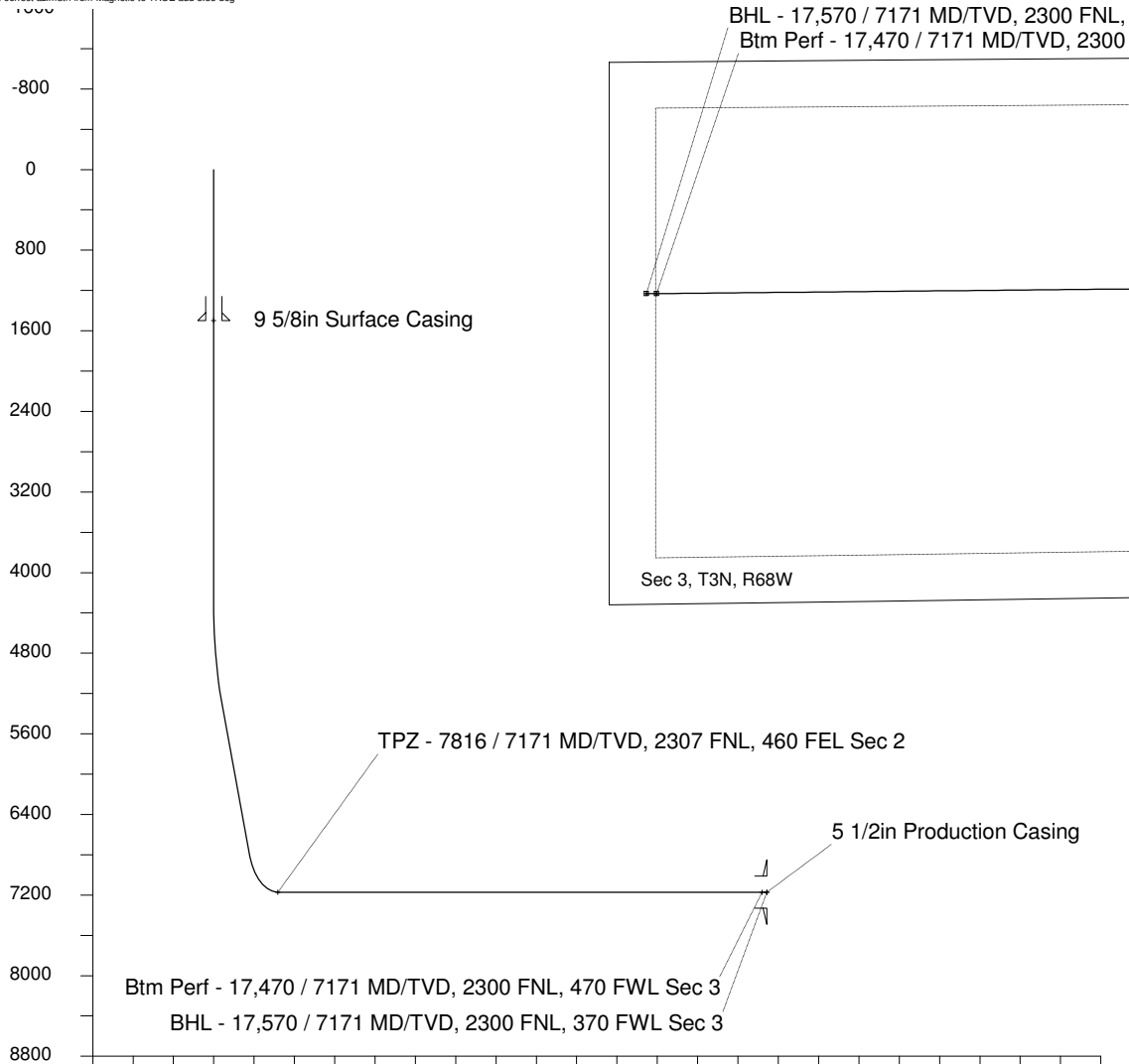
Btm Perf - 17,470 / 7171 MD/TVD, 2300 FNL, 470 FWL Sec 3

22-Sep-2016
IGRF Model [1900.0-2020.0] Dip: 66.73 deg Field: 52381.9 nT
Lat: N40 15 34.6500 Long: W104 57 32.1084 Elev: 4985.80 ft
Magnetic North is 8.38 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.38 deg

Scale 1 cm = 400 ft

9 5/8in Surface Casing

<- True Vertical Depth (Feet)



Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 263.56 with reference 0.00 N, 0.00 E from Slot N13 - Wilson IC 03-179HN

<- 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	4335.50	0.00	212.47	4335.50	S 0.00	W 0.00	0.00	-0.00
End of Build	5335.63	30.00	212.47	5290.54	S 215.92	W 137.42	9.84	160.77
End of Hold	7073.91	30.00	212.47	6795.88	S 949.24	W 604.13	0.00	706.79
Target TPZ - ... Sec 2	7815.71	90.00	269.44	7171.00	S 1136.23	W 1153.57	32.81	1273.74
Target Btm Pe... Sec 3	17469.60	90.00	269.44	7171.00	S 1231.17	W 10807.00	0.00	10876.90
End of Turn	17474.04	90.00	270.01	7171.00	S 1231.19	W 10811.43	42.65	10881.31
T.D. & Target BHL...c 3	17569.60	90.00	270.01	7171.00	S 1231.17	W 10907.00	0.00	10976.27