

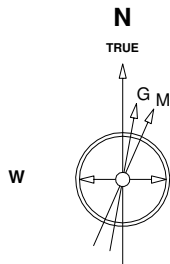
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Wilson

Slot Slot N09 - Wilson IC 03-102HN
Well Wilson IC 03-102HN
Wellbore Wilson IC 03-102HN (PWB)

Created by admin
Date plotted 4-Oct-2017

Plot reference is Wilson IC 03-102HN (PWB).
Ref wellpath is Wilson IC 03-102HN (PWP#1).
Coordinates are in Feet reference Slot N09 - Wilson IC 03-102HN.
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 - 7648 / 7171 MD/TVD, 1540 FNL, 460 FEL Sec 2

BHL - 17,404 / 7171 MD/TVD, 1535 FNL, 370 FWL Sec 3

Btm Perf - 17,304 / 7171 MD/TVD, 1535 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)

800

1600

2400

3200

4000

4800

5600

6400

7200

8000

8800

TPZ - 7648 / 7171 MD/TVD, 1540 FNL, 460 FEL Sec 2

5 1/2in Production Casing

Btm Perf - 17,304 / 7171 MD/TVD, 1535 FNL, 470 FWL Sec 3

BHL - 17,404 / 7171 MD/TVD, 1535 FNL, 370 FWL Sec 3

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 267.54 with reference 0.00 N, 0.00 E from Slot N09 - Wilson IC 03-102HN

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	5231.20	0.00	243.66	5231.20	S 0.00	W 0.00	0.00	-0.00
End of Build	6231.14	30.00	243.66	6186.08	S 113.53	W 229.27	9.84	233.94
End of Hold	7015.65	30.00	243.66	6865.49	S 287.58	W 580.77	0.00	592.59
Target TPZ - ... Sec 2	7648.05	90.00	269.43	7171.00	S 369.38	W 1091.58	32.81	1106.43
Target Btm Pe... Sec 3	17303.89	90.00	269.43	7171.00	S 466.16	W 10746.94	0.00	10757.04
End of Turn	17308.42	90.00	270.01	7171.00	S 466.18	W 10751.46	42.65	10761.56
T.D. & Target BHL...c 3	17403.90	90.00	270.01	7171.00	S 466.16	W 10846.94	0.00	10856.95