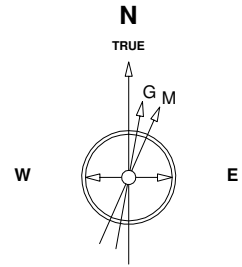


Great Western Operating Company, LLC

Created by admin
Date plotted 23-Nov-2016



W E

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

Plot reference is Wilson IC 03-019HNX (PWB).
Ref wellpath is Wilson IC 03-019HNX (PWP#1).
Coordinates are in Feet reference Slot N01 - Wilson IC 03-019HNX.
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.

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

<- True Vertical Depth (Feet)

0 800 1600 2400 3200 4000 4800 5600 6400 7200 8000 8800

BHL - 17,332 / 7038 MD/TVD, 15.71 FNL, 470 FWL Sec 3

TPZ - 7670 / 7038 MD/TVD, 15.71 FNL, 460 FEL Sec 2

Surface 0.00 N 0.00 E

9 5/8in Surface Casing

5 1/2in Production Casing

Sec 3, T3N, R68W

Sec 2, T3N, R68W

Sec 1, T3N, R68W

<- North(Feet)

Scale 1 cm = 400 ft

-1600 0 1600 3200 4800 6400 8000 9600 11200 12800 14400 16000 17600

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 275.65 with reference 0.00 N, 0.00 E from Slot N01 - Wilson IC 03-019HNX

TPZ - 7670 / 7038 MD/TVD, 15.71 FNL, 460 FEL Sec 2

BHL - 17,332 / 7038 MD/TVD, 15.71 FNL, 470 FWL Sec 3

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	4344.50	0.00	336.90	4344.50	S 0.00	W 0.00	0.00	0.00
End of Build	5344.56	30.00	336.90	5299.48	N 235.39	W 100.38	9.84	123.08
End of Hold	6879.99	30.00	336.90	6629.18	N 941.61	W 401.55	0.00	492.34
Target TPZ - ... Sec 2	7669.71	90.00	269.40	7038.00	N 1153.77	W 966.20	32.81	1075.13
T.D. & Target BHL...c 3	17331.99	90.00	269.40	7038.00	N 1051.84	W 10627.94	0.00	10679.87