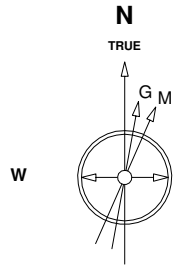


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Wilson
Slot Slot N12 - Wilson IC 03-142HN
Well Wilson IC 03-142HN
Wellbore Wilson IC 03-142HN (PWB)

Created by admin
 Date plotted 23-Nov-2016
 Plot reference is Wilson IC 03-142HN (PWB).
 Ref wellpath is Wilson IC 03-142HN (PWP#1).
 Coordinates are in Feet reference Slot N12 - Wilson IC 03-142HN.
 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 1600 800 0 -800 -1600 -2400 -3200 -4000 -4800 -5600 -6400

BHL - 17,327 / 7096 MD/TVD, 2015 FNL, 470 FWL Sec 3

TPZ - 7673 / 7069 MD/TVD, 2021 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

Scale 1 cm = 400 ft

North (Feet)

Scale 1 cm = 400 ft

True Vertical Depth (Feet)

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 264.99 with reference 0.00 N, 0.00 E from Slot N12 - Wilson IC 03-142HN

TPZ - 7673 / 7069 MD/TVD, 2021 FNL, 460 FEL Sec 2

BHL - 17,327 / 7096 MD/TVD, 2015 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	4647.00	0.00	220.87	4647.00	S 0.00	W 0.00	0.00	-0.00
End of Build	5647.14	30.00	220.87	5602.05	S 193.53	W 167.49	9.84	183.74
End of Hold	6966.06	30.00	220.87	6744.22	S 692.25	W 599.08	0.00	657.24
Target TPZ - ... Sec 2	7672.78	90.00	269.43	7096.00	S 849.89	W 1138.21	32.81	1208.07
T.D. & Target BHL...c 3	17327.13	90.00	269.43	7096.00	S 945.93	W 10792.08	0.00	10833.46

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