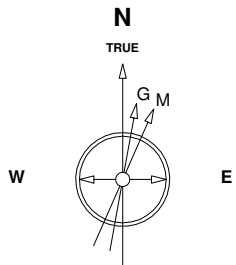


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation B-Farm
Slot E-08 - B-Farm LD 18-036HN
Well B-Farm LD 18-036HN
Wellbore B-Farm LD 18-036HN (PWB)

Created by admin
Date plotted 10-Nov-2016

Plot reference is B-Farm LD 18-036HN (PWB).
Ref wellpath is B-Farm LD 18-036HN (PWP#1).
Coordinates are in Feet reference E-08 - B-Farm LD 18-036HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 20.00 ft.
Plot North is aligned to TRUE North.



Scale 1 cm = 300 ft

East (Feet) ->

-3600 -3000 -2400 -1800 -1200 -600 0 600 1200 1800 2400 3000 3600 4200

2400

TPZ - 8624 / 7786 MD/TVD, 460 FNL, 1158 FEL Sec 7

Sec 7 T1S, R67W

BHL - 13,739 / 7786 MD/TVD, 310 FNL, 1150 FEL Sec 18

Sec 18, T1S, R67W

<- North(Feet)

Scale 1 cm = 400 ft

8-Sep-2016
IGRF Model [1900.0-2020.0] Dip: 66.51 deg Field: 52284.8 nT
Lat: N39 59 3.0300 Long: W104 56 2.5008 Elev: 0.00 ft
Magnetic North is 8.35 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.35 deg

<- True Vertical Depth (Feet)

Scale 1 cm

-1600
-0
1600
3200
4800
6400
8000
9600

9 5/8in Surface Casing

5 1/2in Production Casing

BHL - 13,739 / 7786 MD/TVD, 310 FNL, 1150 FEL Sec 18

TPZ - 8624 / 7786 MD/TVD, 460 FNL, 1158 FEL Sec 7

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

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 155.60 with reference 0.00 N, 0.00 E from E-08 - B-Farm LD 18-036HN

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	3257.00	0.00	64.82	3257.00	S 0.00	W 0.00	0.00	0.00
End of Build	4256.86	30.00	64.82	4211.81	N 108.82	E 231.50	9.84	-3.46
End of Hold	7837.83	30.00	64.82	7313.15	N 870.37	E 1851.71	0.00	-27.67
Target TPZ - ... Sec 7	8623.80	90.00	179.78	7786.00	N 440.51	E 2100.84	42.65	466.72
T.D. & Target BHL... 18	13739.13	90.00	179.78	7786.00	S 4674.79	E 2120.62	0.00	5133.29