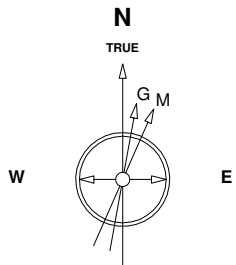


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation B-Farm
Slot E-06 - B-Farm LD 18-037HC
Well B-Farm LD 18-037HC
Wellbore B-Farm LD 18-037HC (PWB)

Created by admin
Date plotted 10-Nov-2016

Plot reference is B-Farm LD 18-037HC (PWB).
Ref wellpath is B-Farm LD 18-037HC (PWP#1).
Coordinates are in Feet reference E-06 - B-Farm LD 18-037HC.
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 - 8843 / 7939 MD/TVD, 460 FNL, 887 FEL Sec 7

Sec 7 T1S, R67W

BHL - 13,959 / 7939 MD/TVD, 310 FNL, 890 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

9 5/8in Surface Casing

5 1/2in Production Casing

BHL - 13,959 / 7939 MD/TVD, 310 FNL, 890 FEL Sec 18

TPZ - 8843 / 7939 MD/TVD, 460 FNL, 887 FEL Sec 7

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 153.12 with reference 0.00 N, 0.00 E from E-06 - B-Farm LD 18-037HC

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	3002.00	0.00	68.13	3002.00	S 0.00	W 0.00	0.00	0.00
End of Build	4001.97	30.00	68.13	3956.90	N 95.32	E 237.44	9.84	22.34
End of Hold	8068.35	30.00	68.13	7478.53	N 852.79	E 2124.19	0.00	199.83
Target TPZ - ... Sec 7	8842.87	90.00	179.90	7939.00	N 420.13	E 2371.82	42.65	697.70
T.D. & Target BHL... 18	13959.27	90.00	179.90	7939.00	S 4696.26	E 2380.72	0.00	5265.23