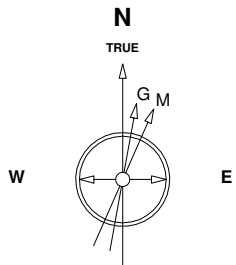


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation B-Farm
Slot W-09 - B-Farm LD 18-383HN
Well B-Farm LD 18-383HN
Wellbore B-Farm LD 18-383HN (PWB)

Created by admin
Date plotted 28-Nov-2016

Plot reference is B-Farm LD 18-383HN (PWB).
Ref wellpath is B-Farm LD 18-383HN (PWP#1).
Coordinates are in Feet reference W-09 - B-Farm LD 18-383HN.
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

1600

800

0

-800

-1600

-2400

-3200

-4000

-4800

-5600

-6400

-7200

-8000

-8800

-9600

-10400

<- North(Feet)

Scale 1 cm = 400 ft

TPZ - 8377 / 7786 MD/TVD, 460 FNL, 712 FWL Sec 7

Sec 7 T1S, R67W

Surface 0.00 N 0.00 E

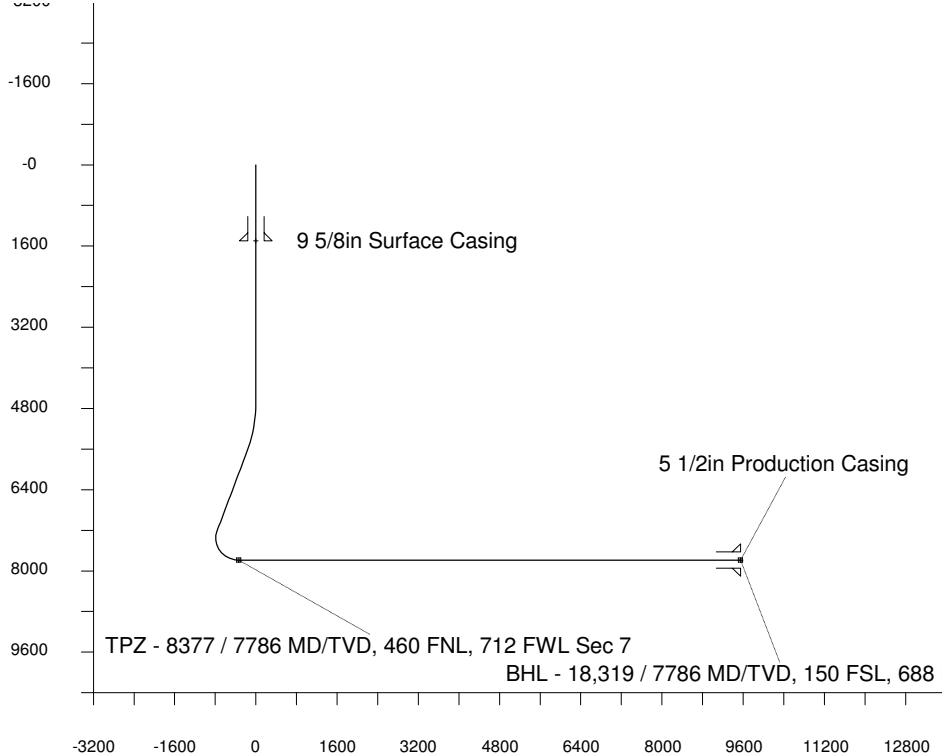
Sec 18, T1S, R67W

BHL - 18,319 / 7786 MD/TVD, 150 FSL, 688 FWL Sec 18

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



Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 186.39 with reference 0.00 N, 0.00 E from W-09 - B-Farm LD 18-383HN

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	4669.00	0.00	317.00	4669.00	S 0.00	W 0.00	0.00	-0.00
End of Build	5669.05	30.00	317.00	5623.97	N 187.15	W 174.52	9.84	-166.56
End of Hold	7519.77	30.00	317.00	7226.72	N 863.93	W 805.66	0.00	-768.88
Target TPZ - ... Sec 7	8376.51	90.00	180.20	7786.00	N 454.29	W 1028.14	42.65	-337.02
T.D. & Target BHL... 18	18319.38	90.00	180.20	7786.00	S 9488.52	W 1062.76	0.00	9547.85