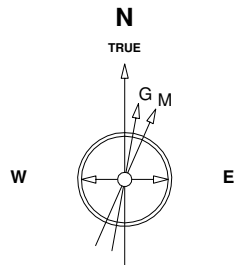


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation B-Farm
Slot W-10 - B-Farm LD 18-384HN
Well B-Farm LD 18-384HN
Wellbore B-Farm LD 18-384HN (PWB)

Created by admin
Date plotted 28-Nov-2016

Plot reference is B-Farm LD 18-384HN (PWB).
Ref wellpath is B-Farm LD 18-384HN (PWP#1).
Coordinates are in Feet reference W-10 - B-Farm LD 18-384HN.
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 - 8220 / 7673 MD/TVD, 460 FNL, 943 FWL Sec 7

Sec 7 T1S, R67W

Surface 0.00 N 0.00 E

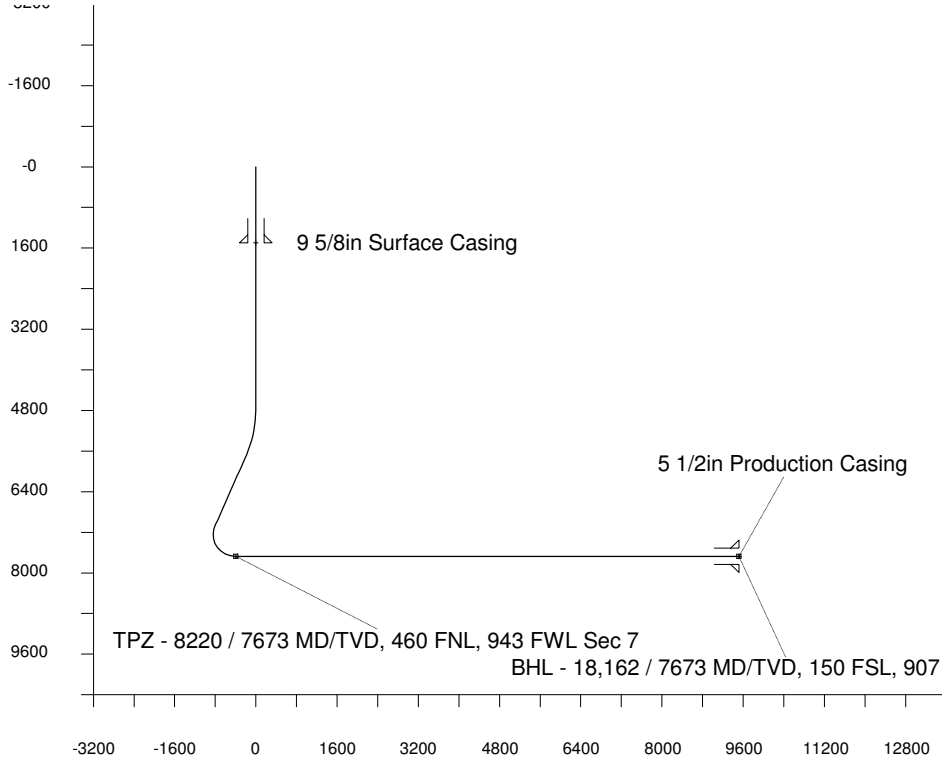
Sec 18, T1S, R67W

BHL - 18,162 / 7673 MD/TVD, 150 FSL, 907 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 185.08 with reference 0.00 N, 0.00 E from W-10 - B-Farm LD 18-384HN

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	4747.50	0.00	325.28	4747.50	S 0.00	W 0.00	0.00	-0.00
End of Build	5747.58	30.00	325.28	5702.49	N 210.35	W 145.76	9.84	-196.60
End of Hold	7341.90	30.00	325.28	7083.19	N 865.62	W 599.82	0.00	-809.05
Target TPZ - ... Sec 7	8220.24	90.00	180.27	7673.00	N 464.48	W 796.96	42.65	-392.02
T.D. & Target BHL... 18	18162.06	90.00	180.27	7673.00	S 9477.23	W 843.25	0.00	9514.68