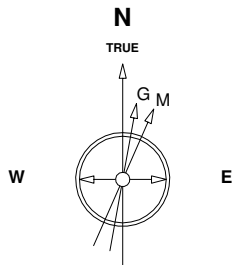


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation B-Farm
Slot E-13 - B-Farm LD 18-393HN
Well B-Farm LD 18-393HN
Wellbore B-Farm LD 18-393HN (PWB)

Created by admin
Date plotted 10-Nov-2016

Plot reference is B-Farm LD 18-393HN (PWB).
Ref wellpath is B-Farm LD 18-393HN (PWP#1).
Coordinates are in Feet reference E-13 - B-Farm LD 18-393HN.
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

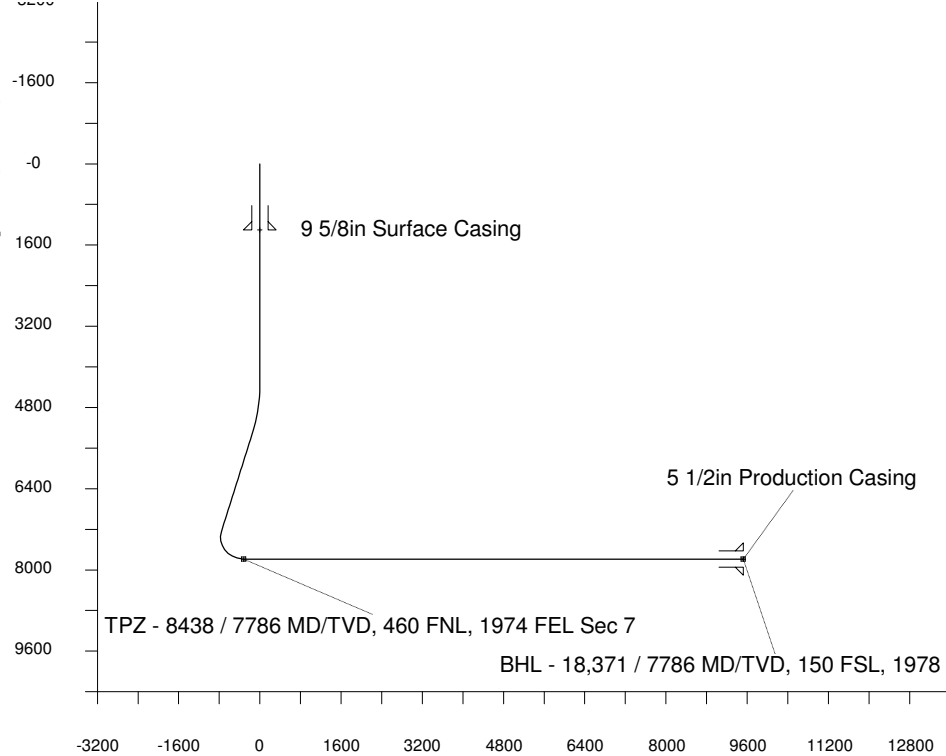
<- North(Feet)

Scale 1 cm = 400 ft

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 172.33 with reference 0.00 N, 0.00 E from E-13 - B-Farm LD 18-393HN

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	4331.00	0.00	49.18	4331.00	S 0.00	W 0.00	0.00	0.00
End of Build	5331.06	30.00	49.18	5285.98	N 167.30	E 193.64	9.84	-139.95
End of Hold	7598.72	30.00	49.18	7249.80	N 908.58	E 1051.67	0.00	-760.07
Target TPZ - ... Sec 7	8438.04	90.00	180.08	7786.00	N 491.82	E 1285.11	42.65	-315.88
T.D. & Target BHL... 18	18371.02	90.00	180.08	7786.00	S 9441.15	E 1271.61	0.00	9526.40

TPZ - 8438 / 7786 MD/TVD, 460 FNL, 1974 FEL Sec 7

Sec 7 T1S, R67W

Sec 18, T1S, R67W

BHL - 18,371 / 7786 MD/TVD, 150 FSL, 1978 FEL Sec 18