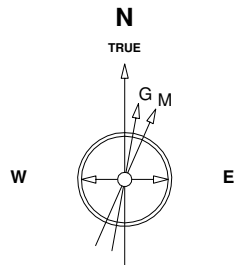


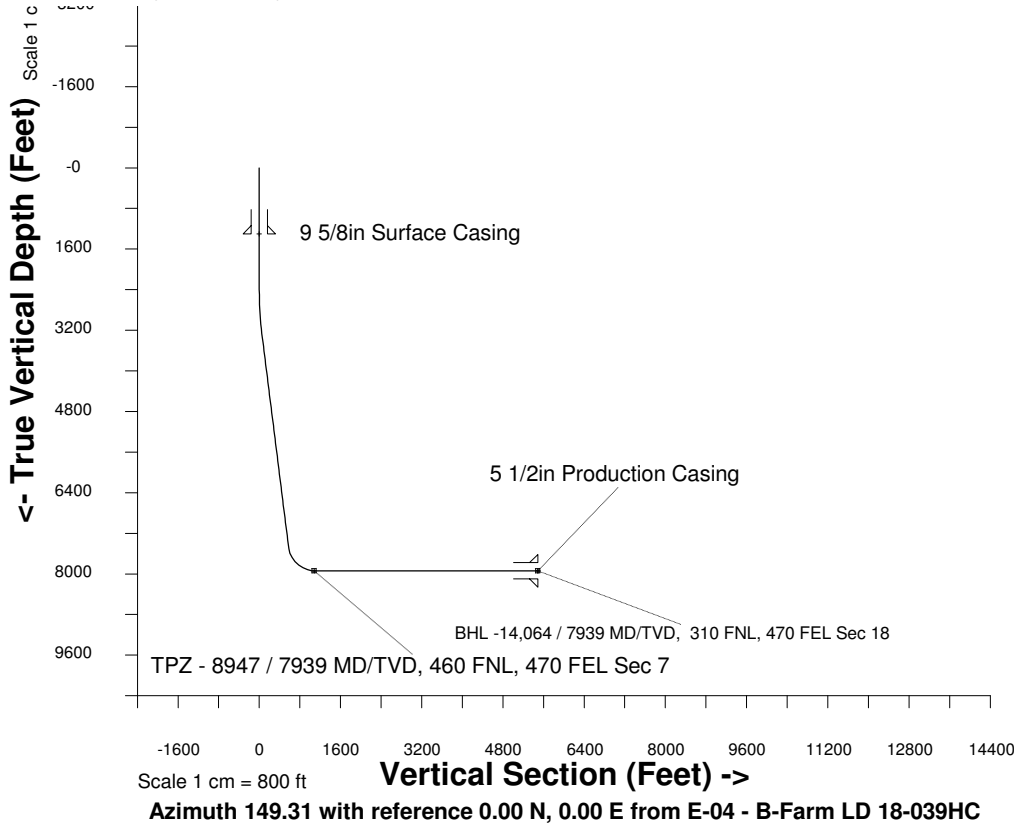
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation B-Farm
Slot E-04 - B-Farm LD 18-039HC
Well B-Farm LD 18-039HC
Wellbore B-Farm LD 18-039HC (PWB)

Created by admin
Date plotted 10-Nov-2016
Plot reference is B-Farm LD 18-039HC (PWB).
Ref wellpath is B-Farm LD 18-039HC (PWP#1).
Coordinates are in Feet reference E-04 - B-Farm LD 18-039HC.
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.



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



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	2345.00	0.00	71.85	2345.00	S 0.00	W 0.00	0.00	0.00
End of Build	3344.93	30.00	71.85	3299.87	N 79.71	E 243.10	9.84	55.53
End of Hold	8186.48	30.00	71.85	7492.87	N 833.94	E 2543.21	0.00	580.91
Target TPZ - ... Sec 7	8947.26	90.00	179.87	7939.00	N 399.05	E 2789.07	42.65	1080.38
T.D. & Target BHL... 18	14064.39	90.00	179.87	7939.00	S 4718.07	E 2800.30	0.00	5486.52

