

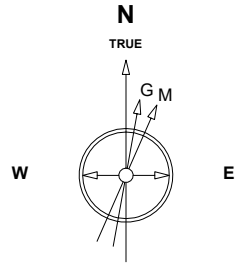
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Gus

Slot E03 - Gus LD 15-032HC
Well Gus LD 15-032HC
Wellbore Gus LD 15-032HC (PWB)

Created by admin
Date plotted 24-Oct-2018

Plot reference is Gus LD 15-032HC (PWB).
Ref wellpath is Gus LD 15-032HC (PWP#1).
Coordinates are in Feet reference E03 - Gus LD 15-032HC.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5143.30 ft.
Plot North is aligned to TRUE North.



Oct-22-2018
EMM-2015 [2000.0-2020.0] Dip: 66.27 deg Field: 51954.5 nT
Lat: N39 57 11.9124 Long: W104 53 9.4056 Elev: 5123.30 ft
Magnetic North is 8.17 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.17 deg

Scale 1 cm = 500 ft

East (Feet) ->

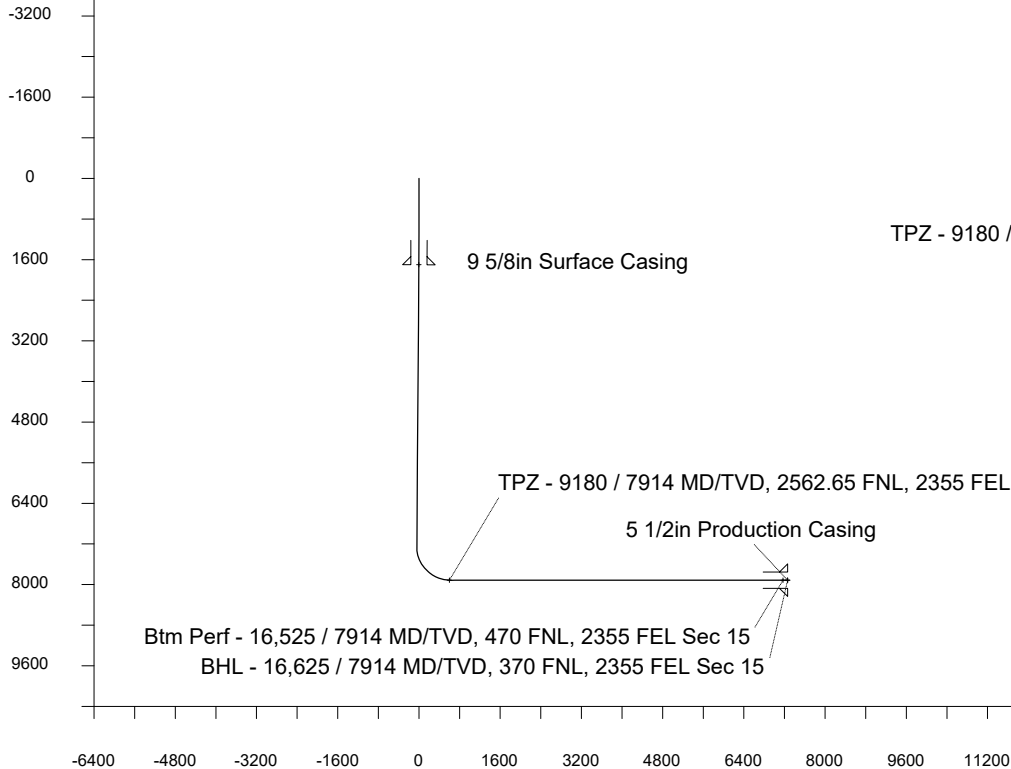
-7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000 3000 4000 5000 6000

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	1100.00	0.00	117.26	1100.00	S 0.00	W 0.00	0.00	0.00
End of Build	2102.77	30.08	117.26	2057.33	S 117.84	E 228.68	3.00	-3.31
End of Hold	8147.24	30.08	117.26	7287.60	S 1505.71	E 2921.95	0.00	-42.34
Target TPZ - ...Sec 22	9180.03	90.00	359.99	7914.00	S 948.02	E 3244.39	10.00	600.64
Target Btm Pe...Sec 15	16525.09	90.00	359.99	7914.00	N 6397.04	E 3243.15	0.00	7172.04
End of Turn	16526.68	90.00	359.83	7914.00	N 6398.64	E 3243.15	10.00	7173.46
T.D. & Target BHL... 15	16625.27	90.00	359.83	7914.00	N 6497.22	E 3242.86	0.00	7261.54

<- True Vertical Depth (Feet)

Scale 1 cm = 800 ft



Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 26.52 with reference 0.00 N, 0.00 E from E03 - Gus LD 15-032HC

BHL - 16,625 / 7914 MD/TVD, 370 FNL, 2355 FEL Sec 15
Btm Perf - 16,525 / 7914 MD/TVD, 470 FNL, 2355 FEL Sec 15

TPZ - 9180 / 7914 MD/TVD, 2562.65 FNL, 2355 FEL Sec 22

Sec 15, T1S, R67W

Sec 21, T1S, R67W

Sec 22, T1S, R67W

<- North(Feet)

Scale 1 cm = 500 ft