

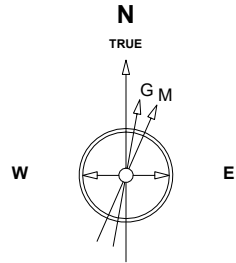
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Gus

Slot W03 - Gus LD 34-378HN
Well Gus LD 34-378HN
Wellbore Gus LD 34-378HN (PWB)

Created by admin
Date plotted 23-Oct-2018

Plot reference is Gus LD 34-378HN (PWB).
Ref wellpath is Gus LD 34-378HN (PWP#1).
Coordinates are in Feet reference W03 - Gus LD 34-378HN.
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.



Scale 1 cm = 600 ft

East (Feet) ->

-9600 -8400 -7200 -6000 -4800 -3600 -2400 -1200 0 1200 2400 3600 4800 6000

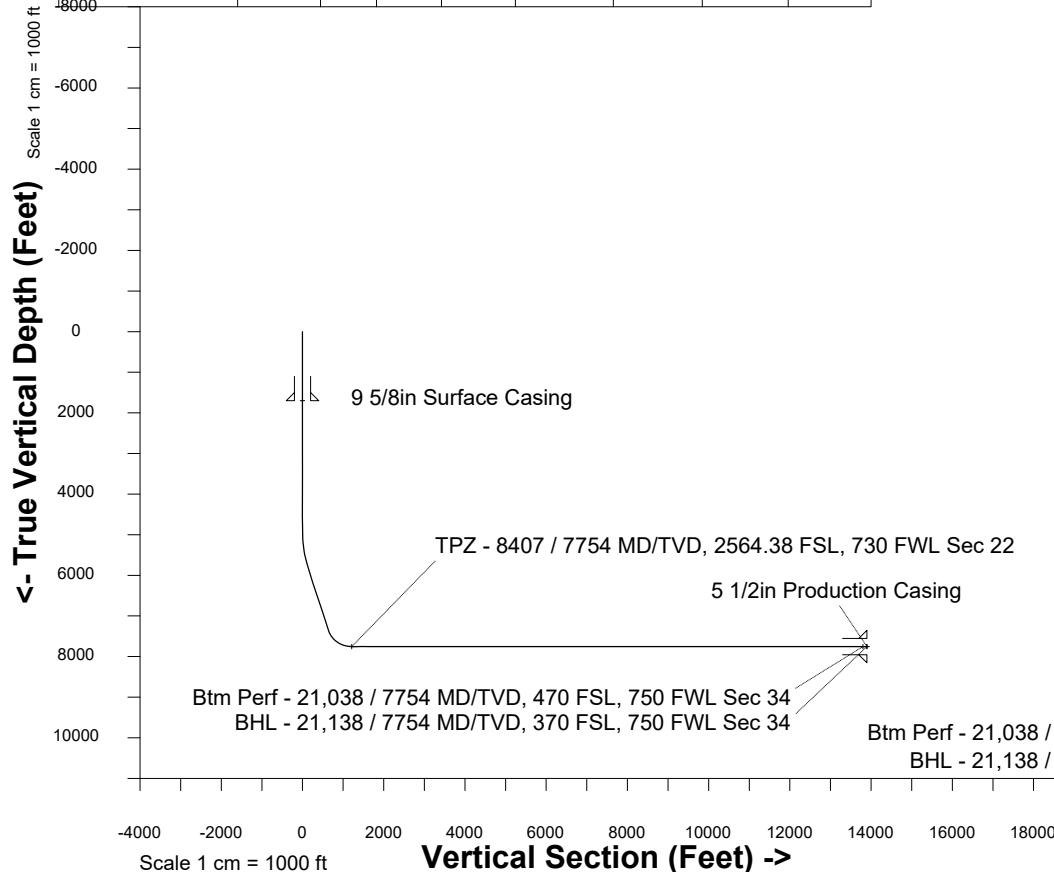
Oct-22-2018

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

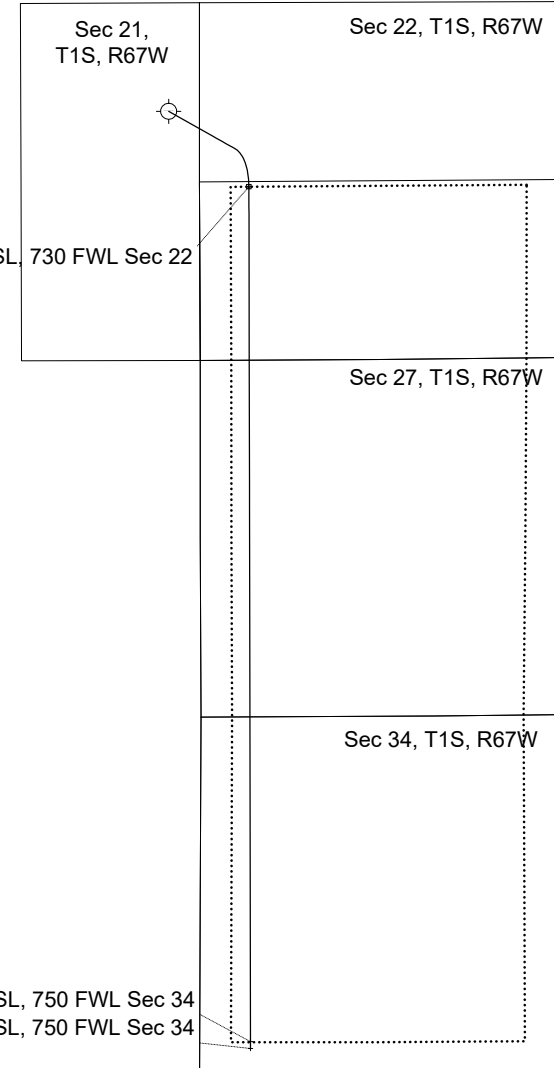
WELL PROFILE DATA

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	4886.00	0.00	119.42	4886.00	S 0.00	W 0.00	0.00	0.00
End of Build	5885.86	30.00	119.42	5840.80	S 125.64	E 222.82	3.00	144.55
End of Hold	7649.39	30.00	119.42	7368.14	S 558.66	E 990.81	0.00	642.75
Target TPZ - ...Sec 22	8406.77	90.00	179.89	7754.00	S 1113.59	E 1185.67	10.00	1212.54
Target Btm Pe...Sec 34	21037.95	90.00	179.89	7754.00	S 13744.75	E 1209.56	0.00	13797.86
End of Turn	21040.65	90.00	180.16	7754.00	S 13747.45	E 1209.56	10.00	13800.55
T.D. & Target BHL... 34	21137.76	90.00	180.16	7754.00	S 13844.56	E 1209.28	0.00	13897.27

TPZ - 8407 / 7754 MD/TVD, 2564.38 FSL, 730 FWL Sec 22



Azimuth 175.01 with reference 0.00 N, 0.00 E from W03 - Gus LD 34-378HN



<- North(Feet)

Scale 1 cm = 600 ft