

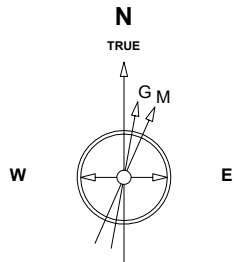
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Gus

Slot W02 - Gus LD 34-379HN
Well Gus LD 34-379HN
Wellbore Gus LD 34-379HN (PWB)

Created by admin
Date plotted 23-Oct-2018

Plot reference is Gus LD 34-379HN (PWB).
Ref wellpath is Gus LD 34-379HN (PWP#1).
Coordinates are in Feet reference W02 - Gus LD 34-379HN.
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

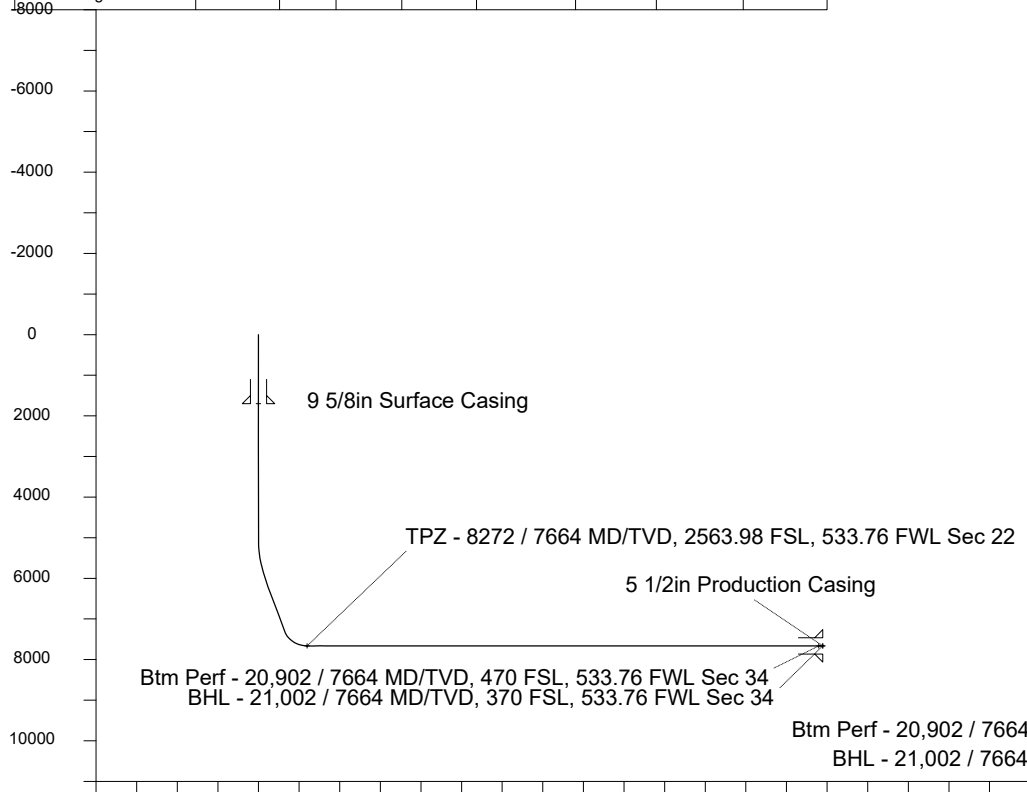
To correct azimuth from Magnetic to TRUE add 8.17 deg

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	5048.00	0.00	125.48	5048.00	S 0.00	W 0.00	0.00	0.00
End of Build	6047.94	30.00	125.48	6002.88	S 148.49	E 208.34	3.00	163.00
End of Hold	7541.08	30.00	125.48	7296.00	S 581.76	E 816.28	0.00	638.60
Target TPZ - ...Sec 22	8272.32	90.00	179.98	7664.00	S 1129.99	E 989.42	10.00	1197.81
Target Btm Pe...Sec 34	20902.02	90.00	179.98	7664.00	S 13759.69	E 993.28	0.00	13795.49
End of Turn	20903.79	90.00	180.16	7664.00	S 13761.46	E 993.28	10.00	13797.26
T.D. & Target BHL... 34	21002.20	90.00	180.16	7664.00	S 13859.87	E 993.01	0.00	13895.40

Scale 1 cm = 1000 ft

<- True Vertical Depth (Feet)

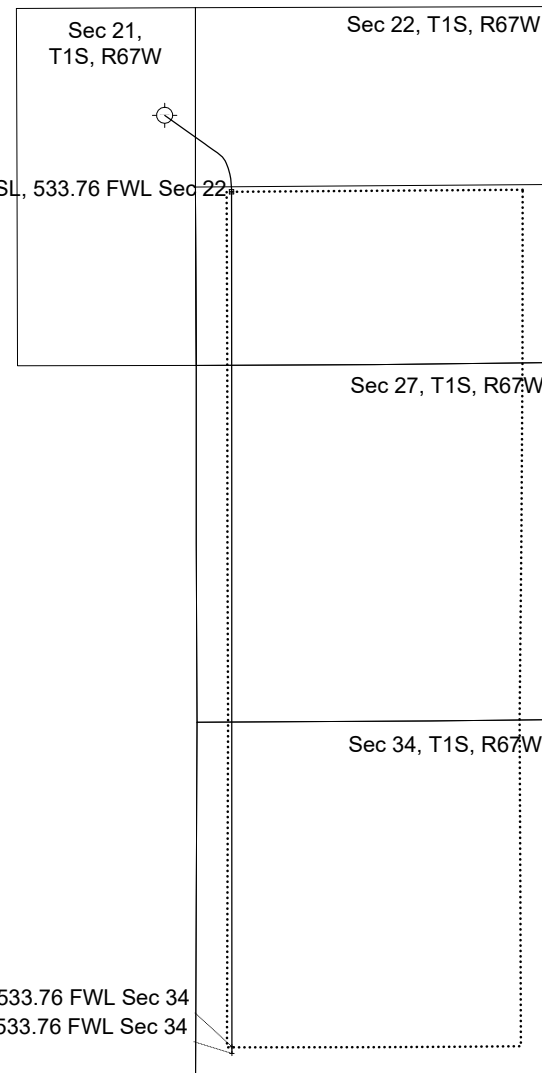


Scale 1 cm = 1000 ft

Vertical Section (Feet) ->

Azimuth 175.90 with reference 0.00 N, 0.00 E from W02 - Gus LD 34-379HN

TPZ - 8272 / 7664 MD/TVD, 2563.98 FSL, 533.76 FWL Sec 22



2400

1200

0

-1200

-2400

-3600

-4800

-6000

-7200

-8400

-9600

-10800

-12000

-13200

-14400

-15600

<- North(Feet)

Scale 1 cm = 600 ft