

Great Western Operating Company, LLC

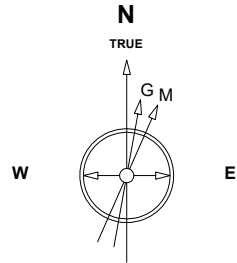
Location Colorado
Field Wattenburg
Installation Seltzer
Slot Slot E12 - Seltzer LD 21-033HC
Well Seltzer LD 21-033HC
Wellbore Seltzer LD 21-033HC (PWB)

Scale 1 cm = 400 ft

East (Feet) ->

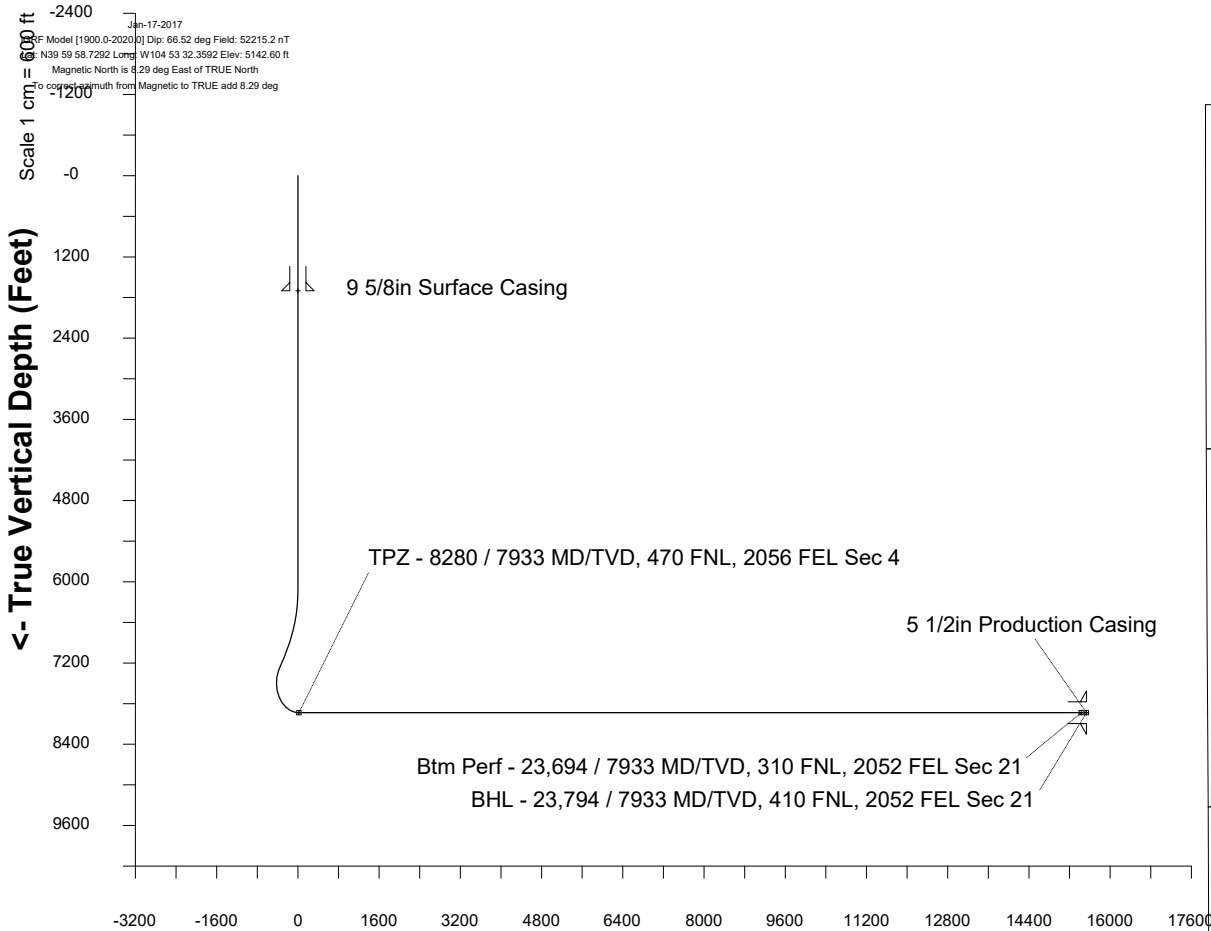
-7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600 2400 3200 4000

Created by	admin
Date plotted	30-Apr-2018
Plot reference is Seltzer LD 21-033HC (PWB).	
Ref wellpath is Seltzer LD 21-033HC (PWP#1).	
Coordinates are in Feet reference Slot E12 - Seltzer LD 21-033HC.	
True Vertical Depths are reference Rig Datum.	
Measured Depths are reference Rig Datum.	
Rig Datum: Planned Datum #1	
Rig Datum to Mean Sea Level: 5162.60 ft.	
Plot North is aligned to TRUE North.	



Scale 1 cm = 600 ft
Jan-17-2017
GDF Model [1900.0-2020.0] Dip: 66.52 deg Field: 52215.2 nT
N39 59 58.7292 Long W104 53 32.3592 Elev: 5142.60 ft
Magnetic North is 8.29 deg East of TRUE North
To convert from Magnetic to TRUE add 8.29 deg

<- True Vertical Depth (Feet)



Scale 1 cm = 800 ft

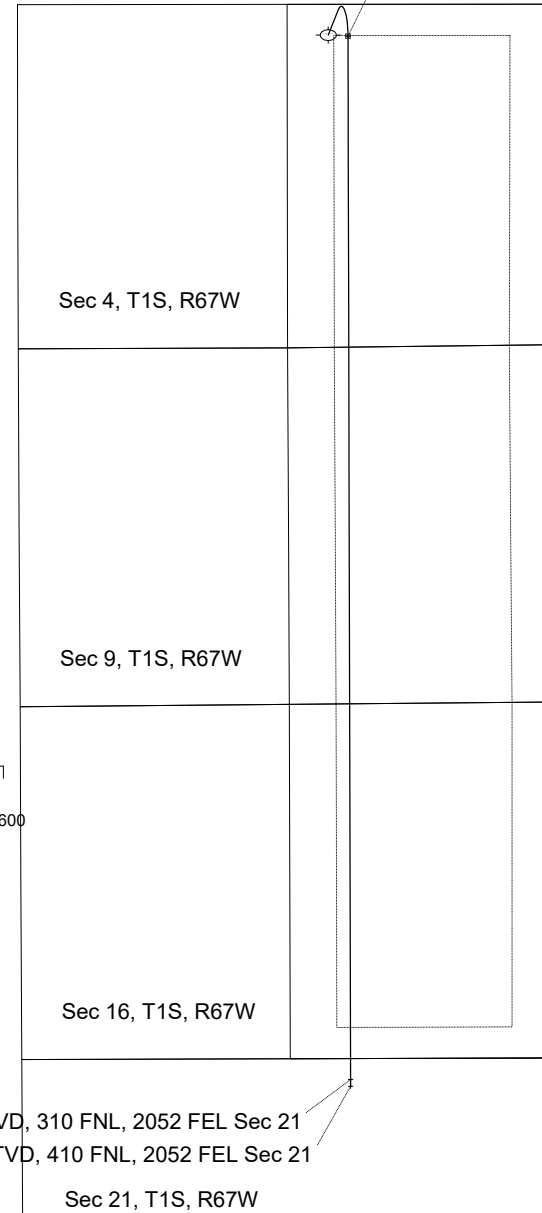
Vertical Section (Feet) ->

Azimuth 179.19 with reference 0.00 N, 0.00 E from Slot E12 - Seltzer LD 21-033HC

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	6112.30	0.00	14.81	6112.30	S 0.00	W 0.00	0.00	0.00
End of Build	7112.24	30.00	14.81	7067.17	N 247.34	E 65.42	3.00	-246.39
End of Hold	7365.39	30.00	14.81	7286.42	N 369.70	E 97.78	0.00	-368.28
Target TPZ - ... Sec 4	8279.94	90.00	179.91	7933.00	S 16.03	E 194.44	13.00	18.77
Target Btm Pe...Sec 21	23693.99	90.00	179.91	7933.00	S 15430.06	E 219.51	0.00	15431.63
End of Turn	23697.13	90.00	180.00	7933.00	S 15433.20	E 219.51	3.00	15434.76
T.D. & Target BHL.... 21	23794.17	90.00	180.00	7933.00	S 15530.24	E 219.51	0.00	15531.79

TPZ - 8280 / 7933 MD/TVD, 470 FNL, 2056 FEL Sec 4



<- North(Feet)

Scale 1 cm = 600 ft