

Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Seltzer
Slot Slot E13 - Seltzer LD 21-032HNX
Well Seltzer LD 21-032HNX
Wellbore Seltzer LD 21-032HNX (PWB)

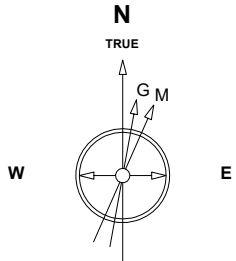
Scale 1 cm = 400 ft

East (Feet) ->

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

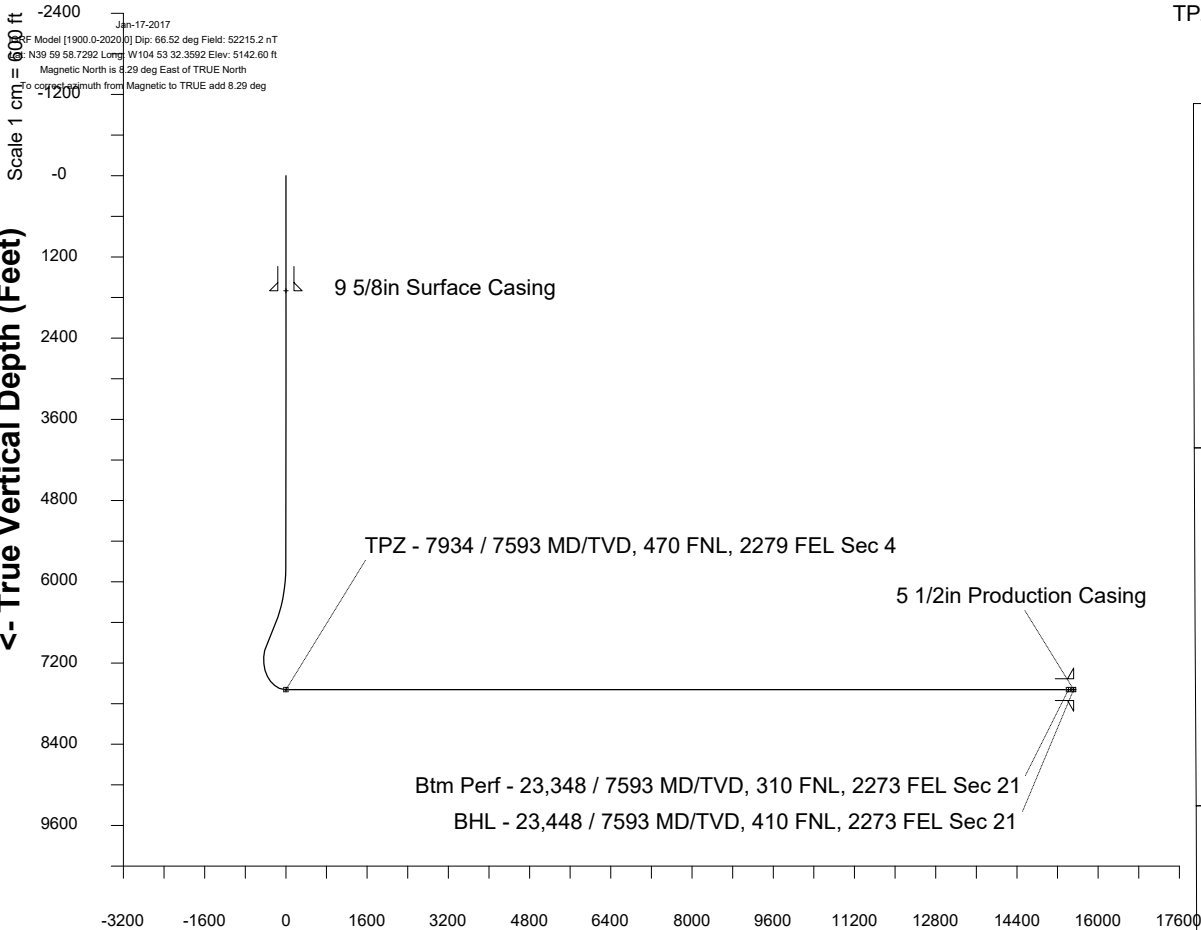
Created by admin
Date plotted 30-Apr-2018

Plot reference is Seltzer LD 21-032HNX (PWB).
Ref wellpath is Seltzer LD 21-032HNX (PWP#1).
Coordinates are in Feet reference Slot E13 - Seltzer LD 21-032HNX.
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 180.01 with reference 0.00 N, 0.00 E from Slot E13 - Seltzer LD 21-032HNX

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	5761.80	0.00	357.73	5761.80	S 0.00	W 0.00	0.00	-0.00
End of Build	6761.81	30.00	357.73	6716.74	N 255.68	W 10.14	3.00	-255.68
End of Hold	7010.61	30.00	357.73	6932.21	N 379.98	W 15.08	0.00	-379.98
Target TPZ - ... Sec 4	7933.51	90.00	179.90	7593.00	S 1.82	W 28.86	13.00	1.82
Target Btm Pe...Sec 21	23347.94	90.00	179.90	7593.00	S 15416.22	W 1.68	0.00	15416.22
End of Turn	23348.72	90.00	180.00	7593.00	S 15417.00	W 1.68	13.00	15417.00
T.D. & Target BHL... 21	23448.12	90.00	180.00	7593.00	S 15516.40	W 1.68	0.00	15516.40

TPZ - 7934 / 7593 MD/TVD, 470 FNL, 2279 FEL Sec 4

Sec 4, T1S, R67W

Sec 9, T1S, R67W

Sec 16, T1S, R67W

Btm Perf - 23,348 / 7593 MD/TVD, 310 FNL, 2273 FEL Sec 21

BHL - 23,448 / 7593 MD/TVD, 410 FNL, 2273 FEL Sec 21

Sec 21, T1S, R67W

<- North(Feet)

Scale 1 cm = 600 ft