

Great Western Operating Company, LLC

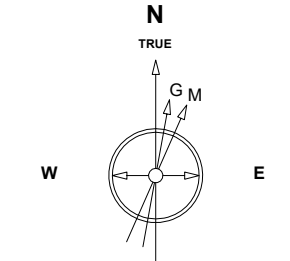
Location Colorado
Field Wattenburg
Installation Seltzer
Slot Slot E04 - Seltzer LD 21-039HC
Well Seltzer LD 21-039HC
Wellbore Seltzer LD 21-039HC (PWB)

Scale 1 cm = 400 ft

East (Feet) ->

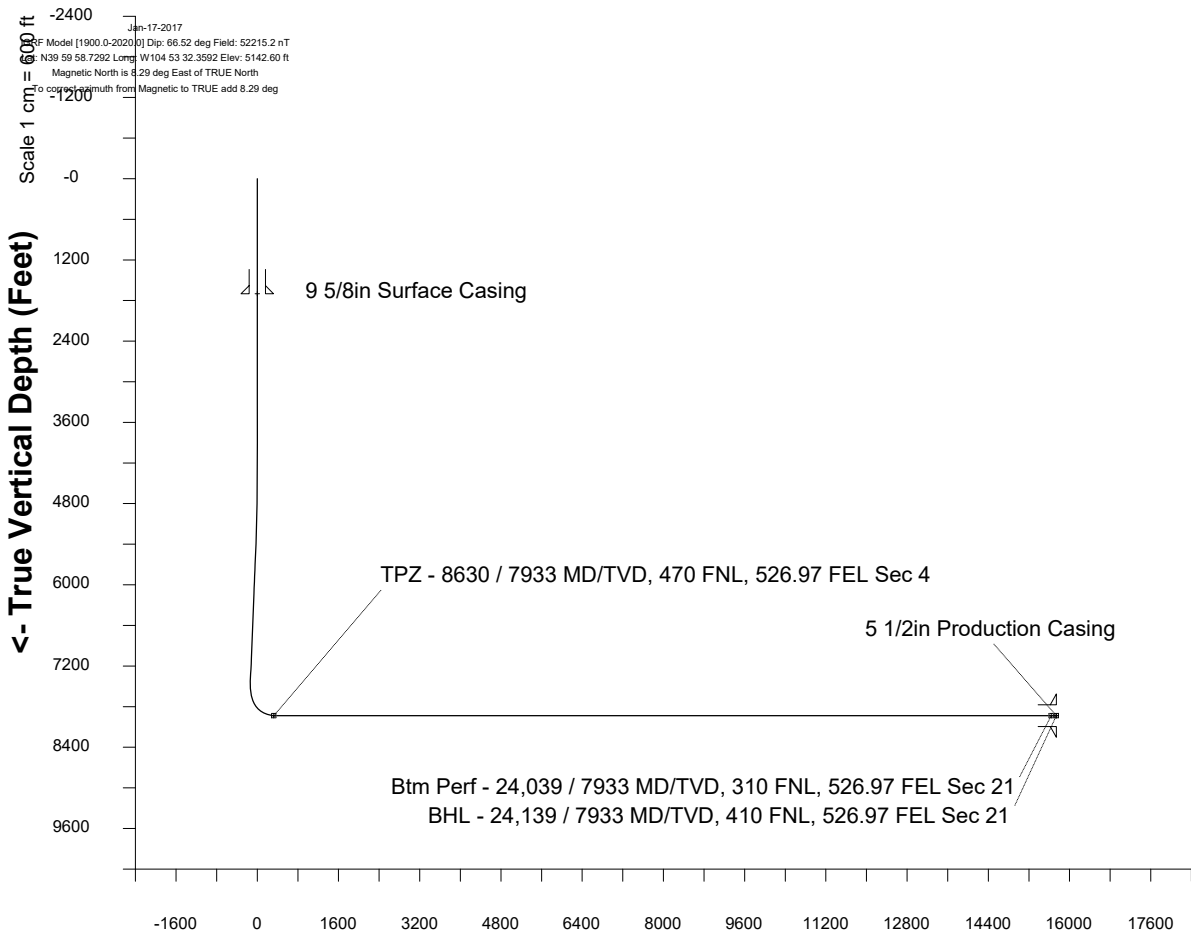
-7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600 2400 3200 4000

Created by	admin
Date plotted	30-Apr-2018
Plot reference is Seltzer LD 21-039HC (PWB).	
Ref wellpath is Seltzer LD 21-039HC (PWP#1).	
Coordinates are in Feet reference Slot E04 - Seltzer LD 21-039HC.	
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)



TPZ - 8630 / 7933 MD/TVD, 470 FNL, 526.97 FEL Sec 4

5 1/2in Production Casing

Btm Perf - 24,039 / 7933 MD/TVD, 310 FNL, 526.97 FEL Sec 21

BHL - 24,139 / 7933 MD/TVD, 410 FNL, 526.97 FEL Sec 21

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 173.64 with reference 0.00 N, 0.00 E from Slot E04 - Seltzer LD 21-039HC

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	4376.00	0.00	78.41	4376.00	S 0.00	W 0.00	0.00	0.00
End of Build	5375.85	30.00	78.41	5330.80	N 51.39	E 250.58	3.00	-23.30
End of Hold	7893.35	30.00	78.41	7511.11	N 304.21	E 1483.51	0.00	-137.97
Target TPZ - ... Sec 4	8629.69	90.00	179.92	7933.00	S 134.00	E 1722.75	13.00	324.05
Target Btm Pe... Sec 21	24039.01	90.00	179.92	7933.00	S 15543.30	E 1744.00	0.00	15640.83
End of Turn	24039.59	90.00	180.00	7933.00	S 15543.88	E 1744.00	13.00	15641.40
T.D. & Target BHL... 21	24139.19	90.00	180.00	7933.00	S 15643.48	E 1744.01	0.00	15740.39

TPZ - 8630 / 7933 MD/TVD, 470 FNL, 526.97 FEL Sec 4

Sec 4, T1S, R67W

Sec 9, T1S, R67W

Sec 16, T1S, R67W

Btm Perf - 24,039 / 7933 MD/TVD, 310 FNL, 526.97 FEL Sec 21

BHL - 24,139 / 7933 MD/TVD, 410 FNL, 526.97 FEL Sec 21

Sec 21, T1S, R67W

<- North(Feet)

Scale 1 cm = 600 ft