

Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Seltzer
Slot Slot W15 - Seltzer LD 09-371HN
Well Seltzer LD 09-371HN
Wellbore Seltzer LD 09-371HN (PWB)

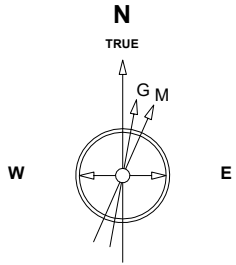
Scale 1 cm = 400 ft

East (Feet) ->

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

Created by admin
Date plotted 30-Apr-2018

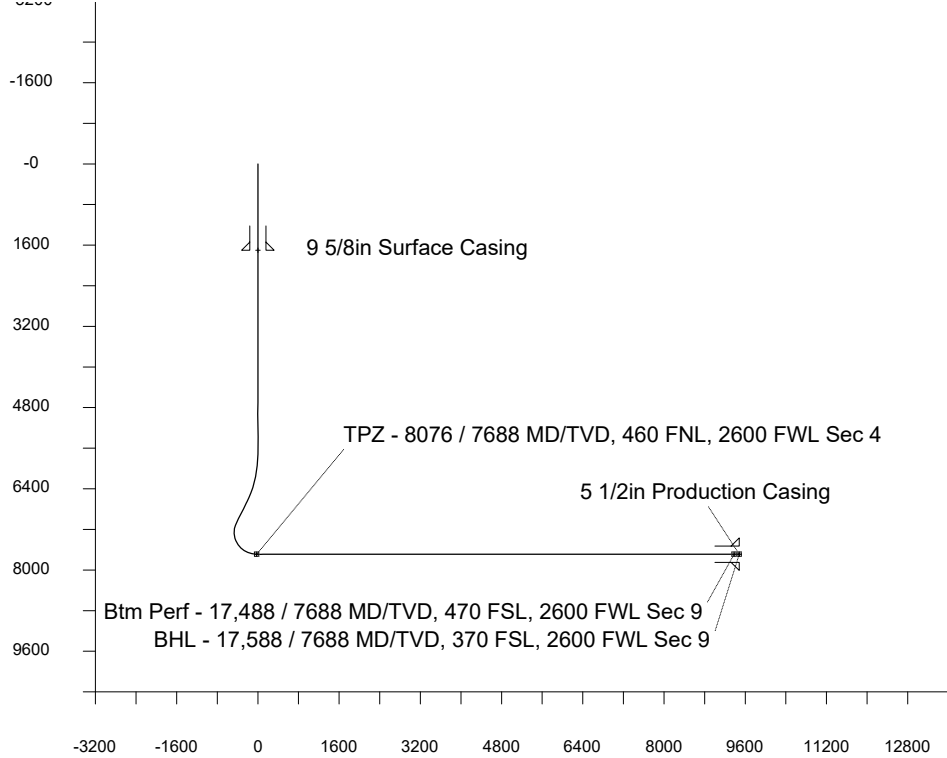
Plot reference is Seltzer LD 09-371HN (PWB).
Ref wellpath is Seltzer LD 09-371HN (PWP#1).
Coordinates are in Feet reference Slot W15 - Seltzer LD 09-371HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5162.60 ft.
Plot North is aligned to TRUE North.



Jan-17-2017
IGRF Model [1900.0-2020.0] Dip: 66.52 deg Field: 52215.2 nT
Lat: N39 59 58.7292 Long: W104 53 32.3592 Elev: 5142.60 ft
Magnetic North is 8.29 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.29 deg

<- True Vertical Depth (Feet)

Scale 1 cm



Scale 1 cm = 800 ft

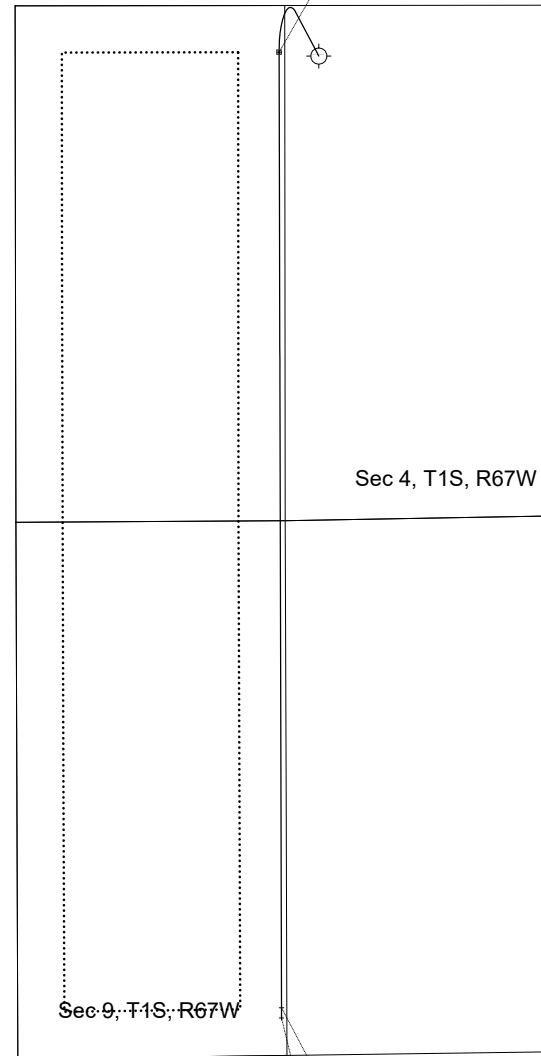
Vertical Section (Feet) ->

Azimuth 182.22 with reference 0.00 N, 0.00 E from Slot W15 - Seltzer LD 09-371HN

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	5713.50	0.00	332.25	5713.50	S 0.00	W 0.00	0.00	-0.00
End of Build	6713.37	30.00	332.25	6668.32	N 226.38	W 119.11	3.00	-221.61
End of Hold	7181.34	30.00	332.25	7073.61	N 433.43	W 228.05	0.00	-424.28
Target TPZ - ... Sec 4	8075.93	90.00	179.85	7688.00	N 37.89	W 391.39	13.00	-22.72
Target Btm Pe... Sec 9	17487.67	90.00	179.85	7688.00	S 9373.81	W 367.44	0.00	9381.01
End of Turn	17489.01	90.00	179.68	7688.00	S 9375.16	W 367.43	13.00	9382.36
T.D. & Target BHL...c 9	17587.85	90.00	179.68	7688.00	S 9473.99	W 366.88	0.00	9481.09

TPZ - 8076 / 7688 MD/TVD, 460 FNL, 2600 FWL Sec 4



Sec 4, T1S, R67W

Sec 9, T1S, R67W

Btm Perf - 17,488 / 7688 MD/TVD, 470 FSL, 2600 FWL Sec 9

BHL - 17,588 / 7688 MD/TVD, 370 FSL, 2600 FWL Sec 9

<- North(Feet)

Scale 1 cm = 400 ft