

Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Tollway
Slot N07 - Tollway LC 24-365HC
Well Tollway LC 24-365HC
Wellbore Tollway LC 24-365HC (PWB)

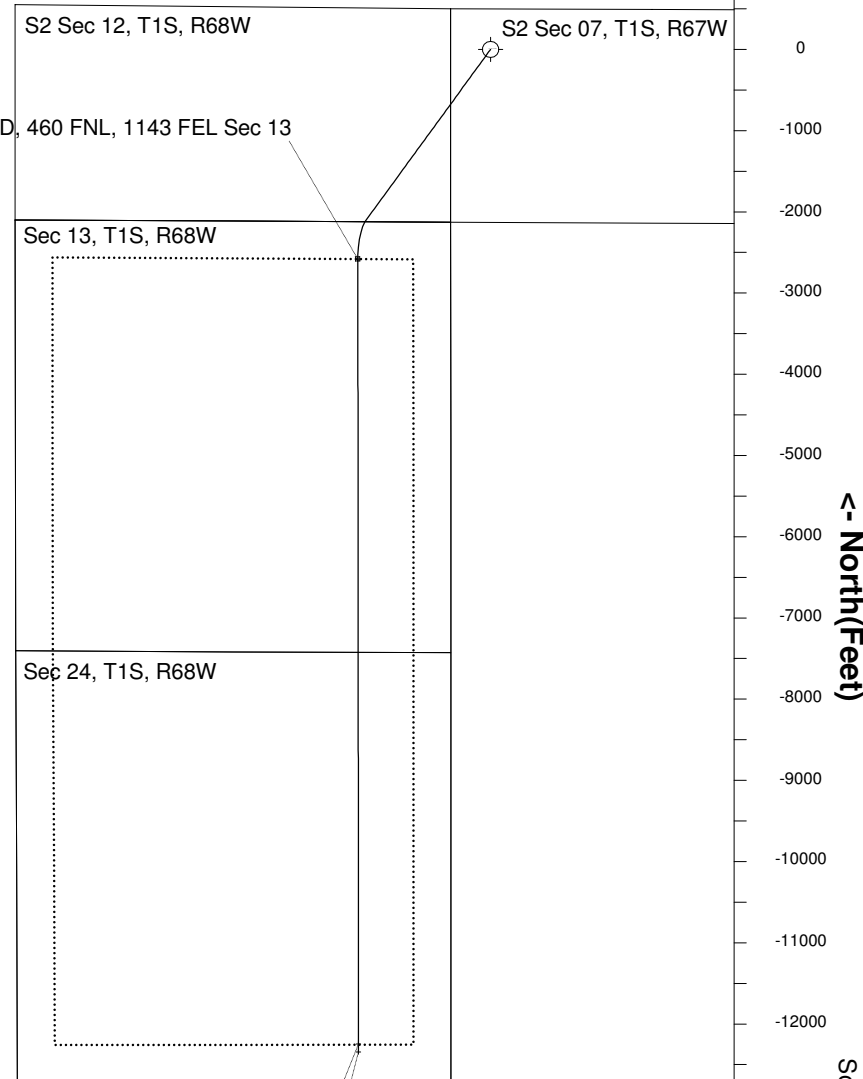
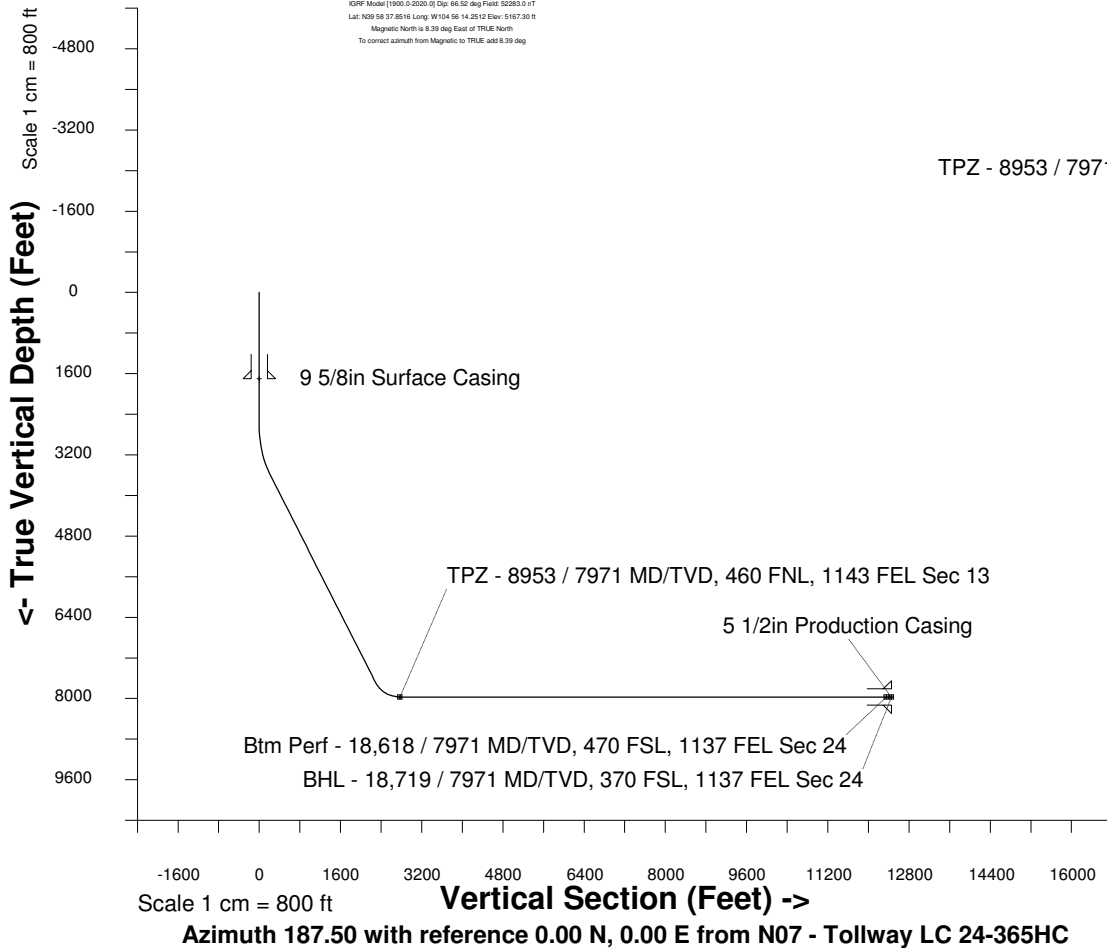
Created by admin
Date plotted 17-Jan-2018
Plot reference is Tollway LC 24-365HC (PWB).
Ref wellpath is Tollway LC 24-365HC (PWP#1).
Coordinates are in Feet reference N07 - Tollway LC 24-365HC.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5187.30 ft.
Plot North is aligned to TRUE North.

Scale 1 cm = 500 ft

East (Feet) ->

-10000 -9000 -8000 -7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000 3000

20-Apr-2016
IGRF Model [1900.0-2020.0] Dip: 66.52 deg Field: 52283.0 nT
Lat: N09 58 37.8516 Long: W104 56 14.2512 Elev: 5167.30 ft
Magnetic North is 6.39 deg East of TRUE North
To correct azimuth from Magnetic to TRUE, add 6.39 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	2655.00	0.00	216.10	2655.00	S 0.00	W 0.00	0.00	-0.00
End of Build	3655.15	30.00	216.10	3610.06	S 206.80	W 150.81	9.84	224.72
End of Hold	8351.50	30.00	216.10	7677.04	S 2104.30	W 1534.60	0.00	2286.66
Target TPZ - ...Sec 13	8953.18	90.00	179.95	7971.00	S 2580.91	W 1634.33	36.09	2772.21
Target Btm Pe...Sec 24	18618.39	90.00	179.95	7971.00	S 12246.11	W 1626.00	0.00	12353.58
End of Turn	18618.88	90.00	180.00	7971.00	S 12246.60	W 1626.00	36.09	12354.06
T.D. & Target BHL... 24	18718.57	90.00	180.00	7971.00	S 12346.29	W 1626.00	0.00	12452.90

Btm Perf - 18,618 / 7971 MD/TVD, 470 FSL, 1137 FEL Sec 24
BHL - 18,719 / 7971 MD/TVD, 370 FSL, 1137 FEL Sec 24