

Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Tower

Slot N12 - Tower LD 19-142HN
Well Tower LD 19-142HN
Wellbore Tower LD 19-142HN (PWB)

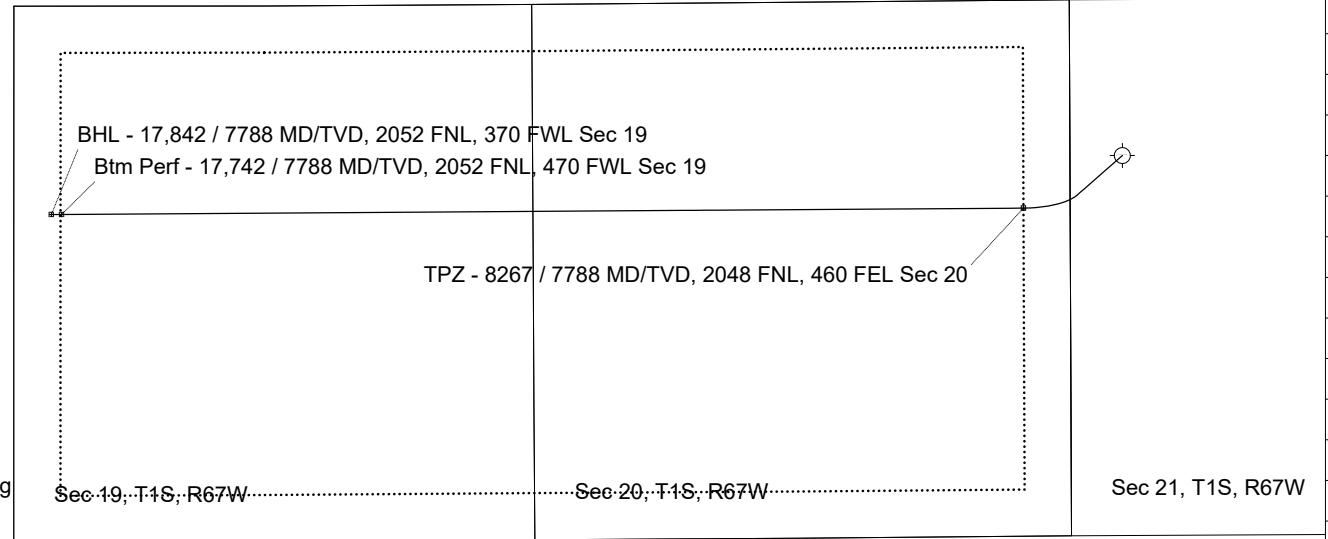
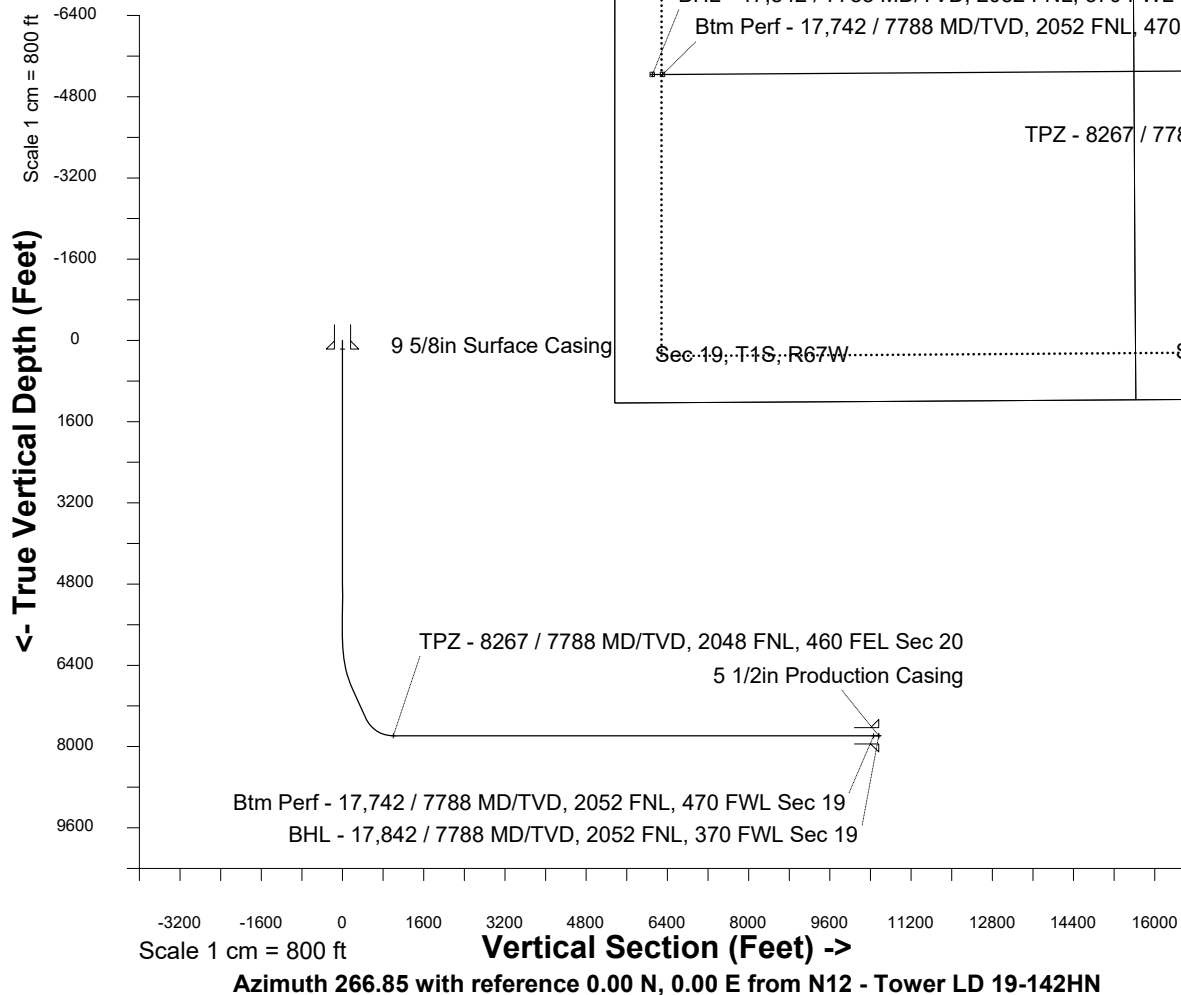
Created by admin
Date plotted 15-Feb-2019

Plot reference is Tower LD 19-142HN (PWB).
Ref wellpath is Tower LD 19-142HN (PWP#1).
Coordinates are in Feet reference N12 - Tower LD 19-142HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5259.60 ft.
Plot North is aligned to TRUE North.

Scale 1 cm = 400 ft

East (Feet) ->

-12000 -11200 -10400 -9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600



<- North(Feet)

Scale 1 cm = 400 ft

| 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 | 5920.80 | 0.00 | 228.77 | 5920.80 | S 0.00 | W 0.00 | 0.00 | -0.00 |
| End of Build | 6920.87 | 30.00 | 228.77 | 6875.79 | S 168.67 | W 192.46 | 3.00 | 201.44 |
| End of Hold | 7589.38 | 30.00 | 228.77 | 7454.73 | S 388.98 | W 443.86 | 0.00 | 464.58 |
| Target TPZ - ...Sec 20 | 8267.14 | 90.00 | 269.62 | 7788.00 | S 518.36 | W 973.41 | 10.00 | 1000.44 |
| Target Btm Pe...Sec 19 | 17741.58 | 90.00 | 269.62 | 7788.00 | S 581.02 | W 10447.64 | 0.00 | 10463.78 |
| End of Turn | 17745.70 | 90.00 | 270.03 | 7788.00 | S 581.04 | W 10451.76 | 10.00 | 10467.89 |
| T.D. & Target BHL... 19 | 17841.67 | 90.00 | 270.03 | 7788.00 | S 580.98 | W 10547.73 | 0.00 | 10563.72 |