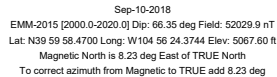
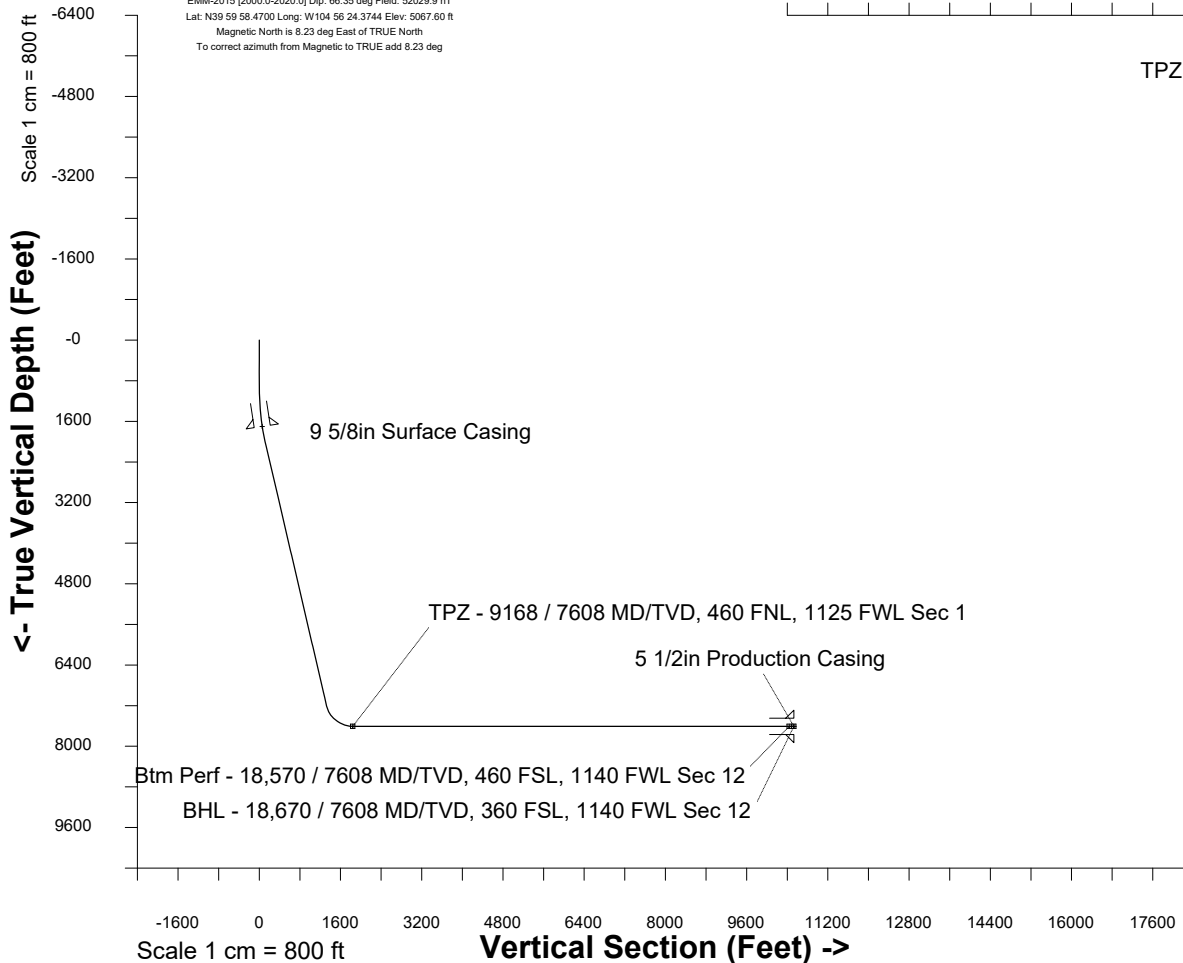


| | | | |
|---------------------|------------|-----------------|-----------------------|
| Location | Colorado | Slot | W07 - Rio LC 12-376HN |
| Field | Wattenburg | Well | Rio LC 12-376HN |
| Installation | Rio | Wellbore | Rio LC 12-376HN (PWB) |

Plot reference is Rio LC 12-376HN (PWB).
Ref wellpath is Rio LC 12-376HN (PWP#1).
Coordinates are in Feet reference W07 - Rio LC 12-376HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5087.60 ft.
Plot North is aligned to TRUE North.

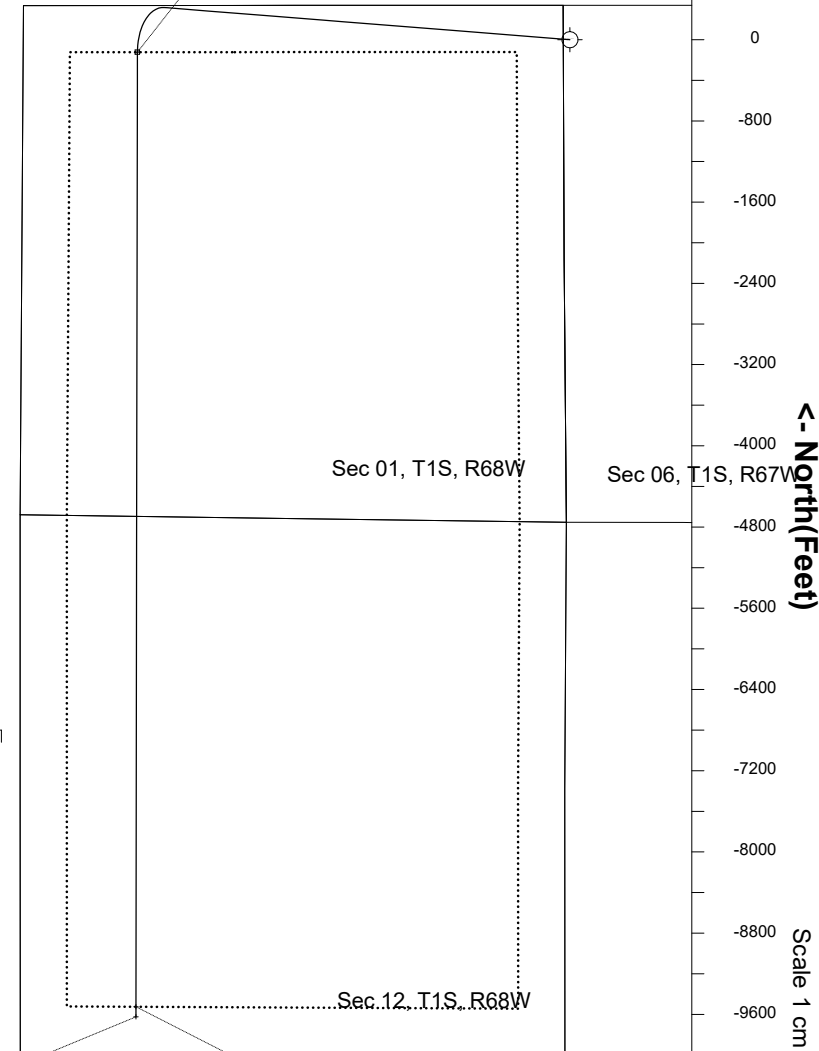


East (Feet) ->



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 | 900.00 | 0.00 | 274.53 | 900.00 | S 0.00 | W 0.00 | 0.00 | -0.00 |
| End of Build | 2066.10 | 34.98 | 274.53 | 1994.99 | N 27.27 | W 343.99 | 3.00 | 114.71 |
| End of Hold | 8456.14 | 34.98 | 274.53 | 7230.49 | N 316.76 | W 3996.16 | 0.00 | 1332.57 |
| Target TPZ - ... Sec 1 | 9168.02 | 90.00 | 180.09 | 7608.00 | S 123.13 | W 4260.23 | 13.00 | 1841.78 |
| Target Btm Pe...Sec 12 | 18569.90 | 90.00 | 180.09 | 7608.00 | S 9524.99 | W 4275.01 | 0.00 | 10440.28 |
| End of Turn | 18571.77 | 90.00 | 179.85 | 7608.00 | S 9526.86 | W 4275.01 | 13.00 | 10441.99 |
| T.D. & Target BHL... 12 | 18669.71 | 90.00 | 179.85 | 7608.00 | S 9624.81 | W 4274.75 | 0.00 | 10531.40 |



BHL - 18,670 / 7608 MD/TVD, 360 FSL, 1140 FWL Sec 12
Btm Perf - 18,570 / 7608 MD/TVD, 460 FSL, 1140 FWL Sec 12

< - North (Feet)

Scale 1 cm = 400 ft