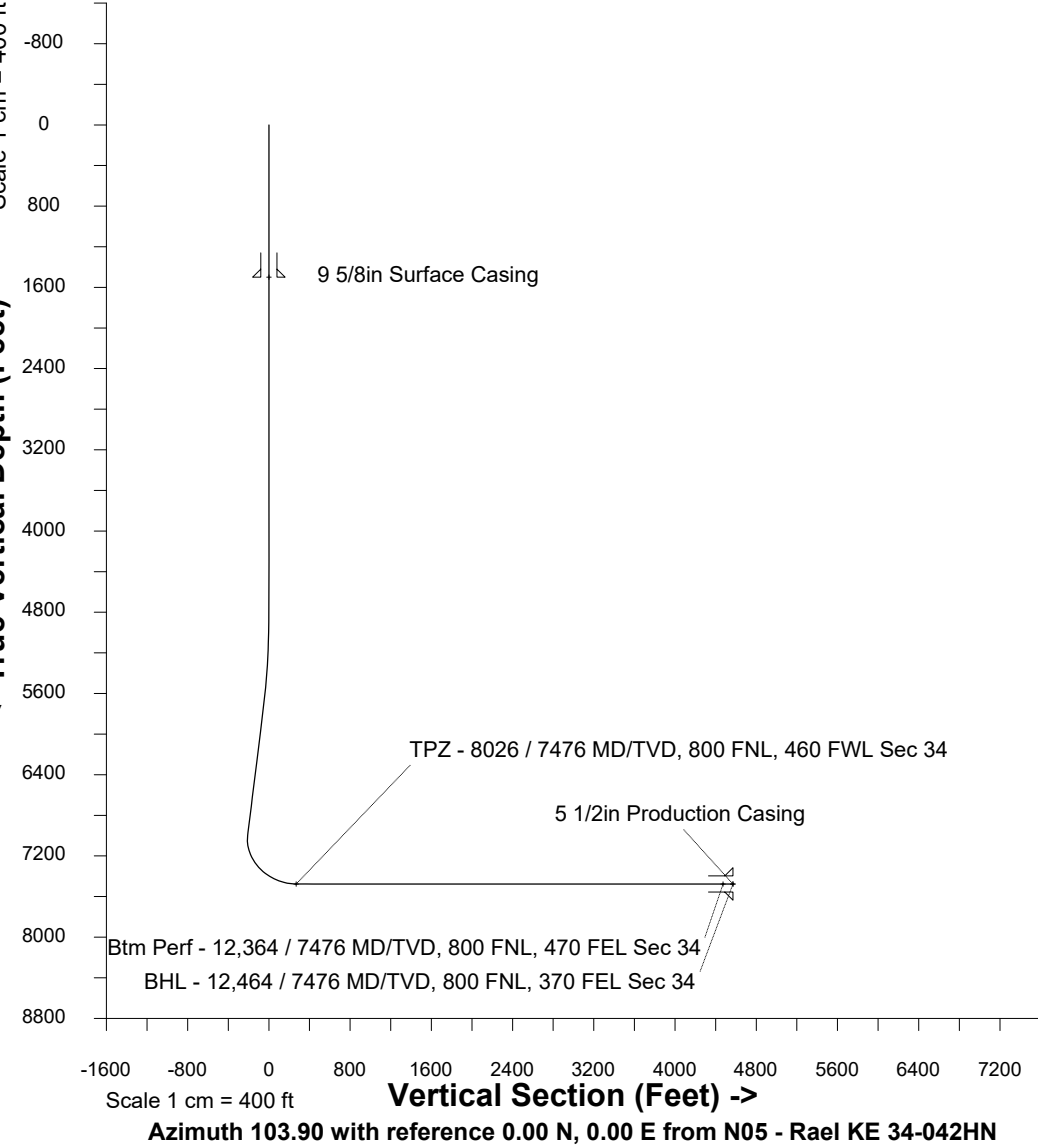


Jun-4-2018
EMM-2015 [2000.0-2020.0] Dip: 66.39 deg Field: 52077.9 nT
Lat: N40 0 56.2716 Long: W104 46 17.3136 Elev: 5116.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



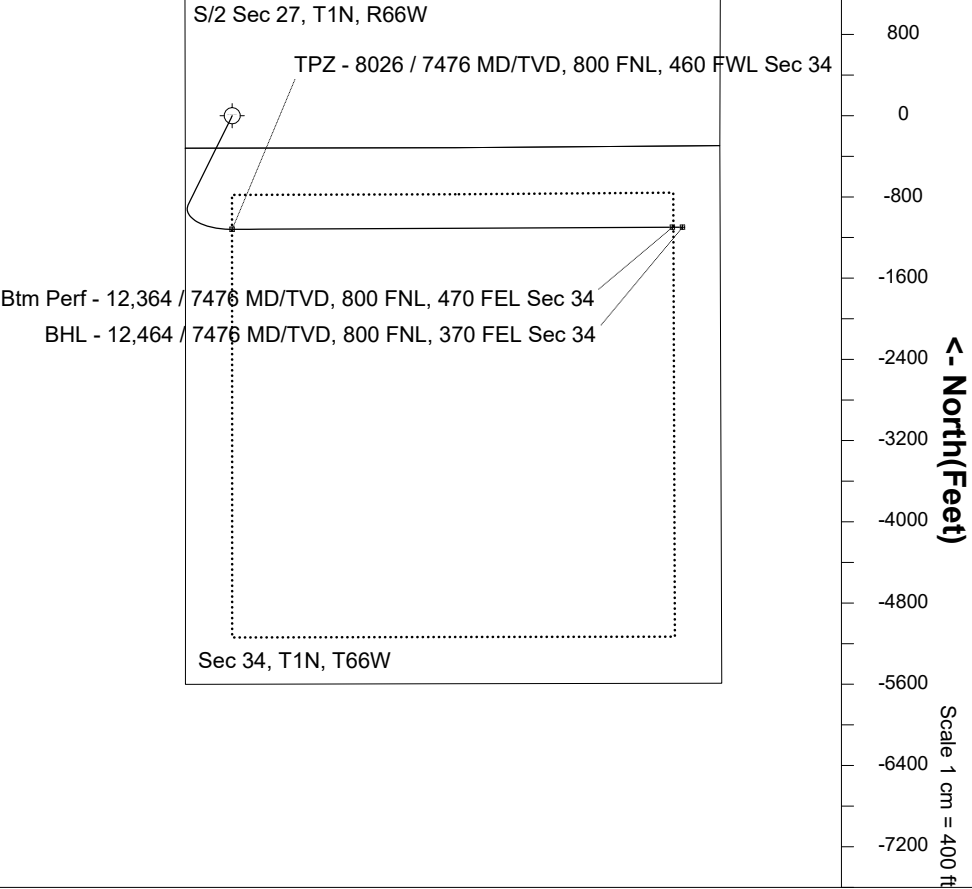
| | | | |
|--------------------------------------|------------|----------|------------------------|
| Great Western Operating Company, LLC | | | |
| Location | Colorado | Slot | N05 - Rael KE 34-042HN |
| Field | Wattenburg | Well | Rael KE 34-042HN |
| Installation | Rael | Wellbore | Rael KE 34-042HN (PWB) |

| | |
|---|------------|
| Created by | admin |
| Date plotted | 4-Jun-2018 |
| Plot reference is Rael KE 34-042HN (PWB). | |
| Ref wellpath is Rael KE 34-042HN (PWP#1). | |
| Coordinates are in Feet reference N05 - Rael KE 34-042HN. | |
| True Vertical Depths are reference Rig Datum. | |
| Measured Depths are reference Rig Datum. | |
| Rig Datum: Planned Datum #1 | |
| Rig Datum to Mean Sea Level: 5136.00 ft. | |
| Plot North is aligned to TRUE North. | |

Scale 1 cm = 400 ft

East (Feet) ->

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



| 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 | 4796.50 | 0.00 | 206.29 | 4796.50 | S 0.00 | W 0.00 | 0.00 | 0.00 |
| End of Build | 5796.54 | 30.00 | 206.29 | 5751.47 | S 229.42 | W 113.36 | 3.00 | -54.92 |
| End of Hold | 7234.57 | 30.00 | 206.29 | 6996.82 | S 874.06 | W 431.87 | 0.00 | -209.23 |
| Target TPZ - ...Sec 34 | 8026.29 | 90.00 | 89.73 | 7476.00 | S 1119.46 | W 1.12 | 13.00 | 267.86 |
| Target Btm Pe...Sec 34 | 12363.58 | 90.00 | 89.73 | 7476.00 | S 1098.68 | E 4336.12 | 0.00 | 4473.08 |
| End of Turn | 12364.76 | 90.00 | 89.57 | 7476.00 | S 1098.67 | E 4337.31 | 13.00 | 4474.23 |
| T.D. & Target BHL... 34 | 12463.58 | 90.00 | 89.57 | 7476.00 | S 1097.93 | E 4436.12 | 0.00 | 4569.97 |