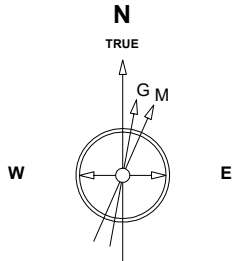


# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Rael  
**Slot** S03 - Rael KE 34-119HN  
**Well** Rael KE 34-119HN  
**Wellbore** Rael KE 34-119HN (PWB)

Created by admin  
Date plotted 4-Jun-2018

Plot reference is Rael KE 34-119HN (PWB).  
Ref wellpath is Rael KE 34-119HN (PWP#1).  
Coordinates are in Feet reference S03 - Rael KE 34-119HN.  
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.

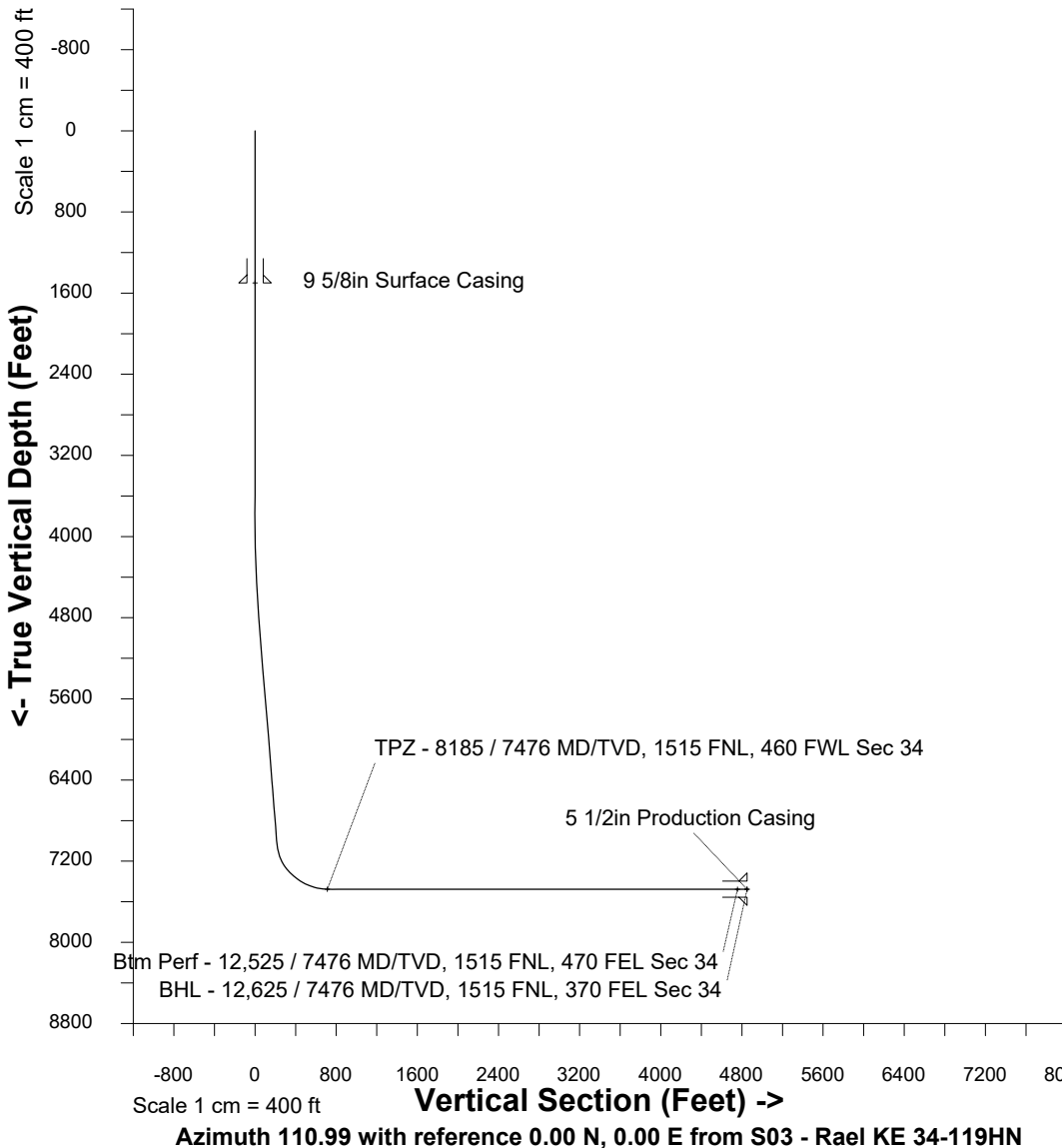


Jun-4-2018  
EMM-2015 [2000.0-2020.0] Dip: 66.39 deg Field: 52077.9 nT  
Lat: N40 0 56.2716 Long: W104 46 17.3136 Elev: 5116.00 ft  
Magnetic North is 8.14 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.14 deg

Scale 1 cm = 400 ft

East (Feet) ->

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



S/2 Sec 27, T1N, R66W

TPZ - 8185 / 7476 MD/TVD, 1515 FNL, 460 FWL Sec 34

Btm Perf - 12,525 / 7476 MD/TVD, 1515 FNL, 470 FEL Sec 34

BHL - 12,625 / 7476 MD/TVD, 1515 FNL, 370 FEL Sec 34

Sec 34, T1N, T66W

<- 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	3834.00	0.00	192.96	3834.00	S 0.00	W 0.00	0.00	0.00
End of Build	4833.97	30.00	192.96	4788.90	S 249.34	W 57.39	3.00	35.73
End of Hold	7442.29	30.00	192.96	7047.80	S 1520.23	W 349.91	0.00	217.82
Target TPZ - ...Sec 34	8185.17	90.00	89.73	7476.00	S 1758.78	E 89.08	13.00	713.13
Target Btm Pe...Sec 34	12524.54	90.00	89.73	7476.00	S 1737.99	E 4428.41	0.00	4757.10
End of Turn	12525.73	90.00	89.57	7476.00	S 1737.98	E 4429.59	13.00	4758.21
T.D. & Target BHL... 34	12624.55	90.00	89.57	7476.00	S 1737.24	E 4528.41	0.00	4850.20