

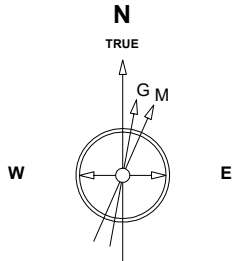
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Rael

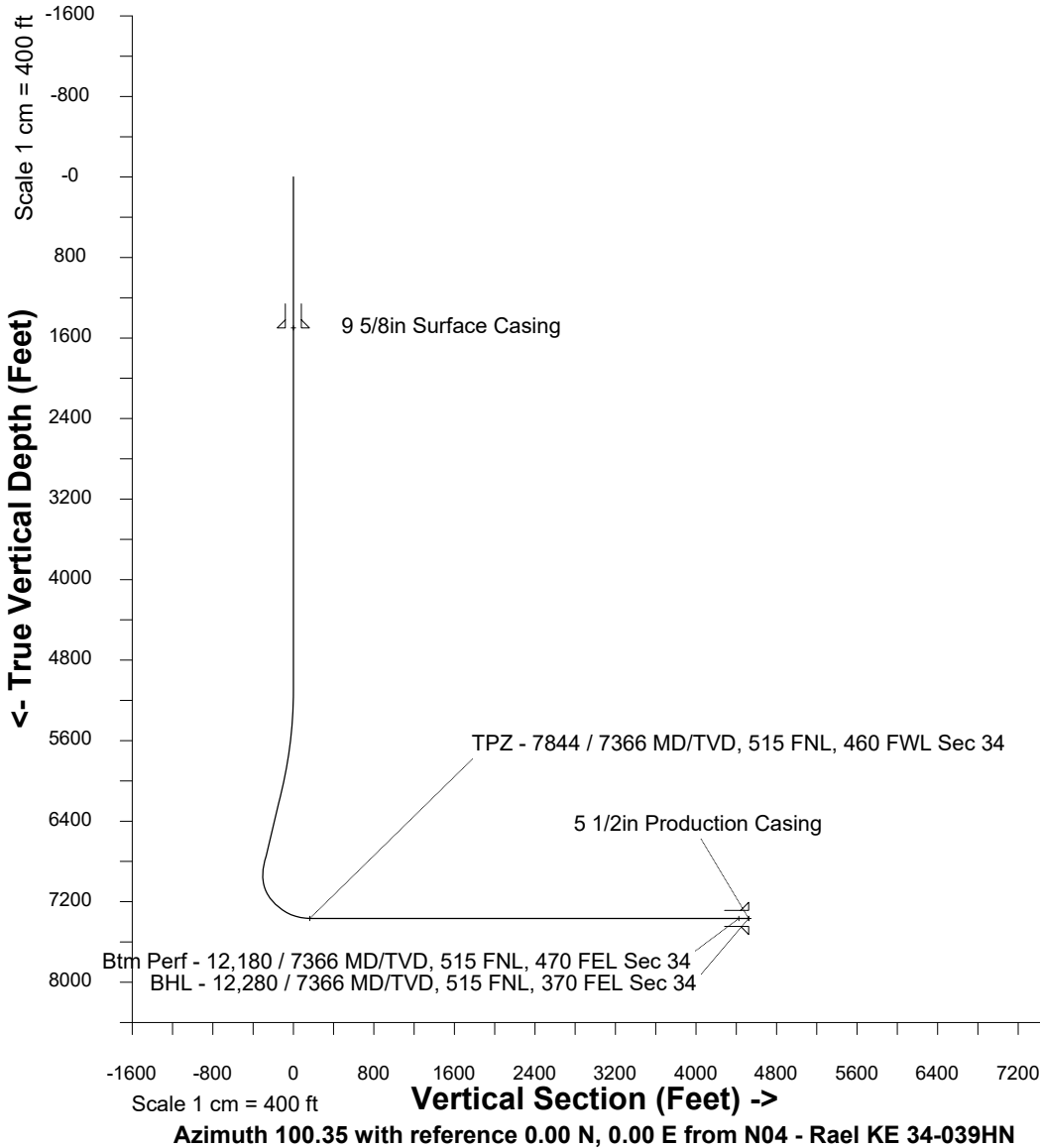
Slot N04 - Rael KE 34-039HN
Well Rael KE 34-039HN
Wellbore Rael KE 34-039HN (PWB)

Created by admin
Date plotted 4-Jun-2018

Plot reference is Rael KE 34-039HN (PWB).
Ref wellpath is Rael KE 34-039HN (PWP#1).
Coordinates are in Feet reference N04 - Rael KE 34-039HN.
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.



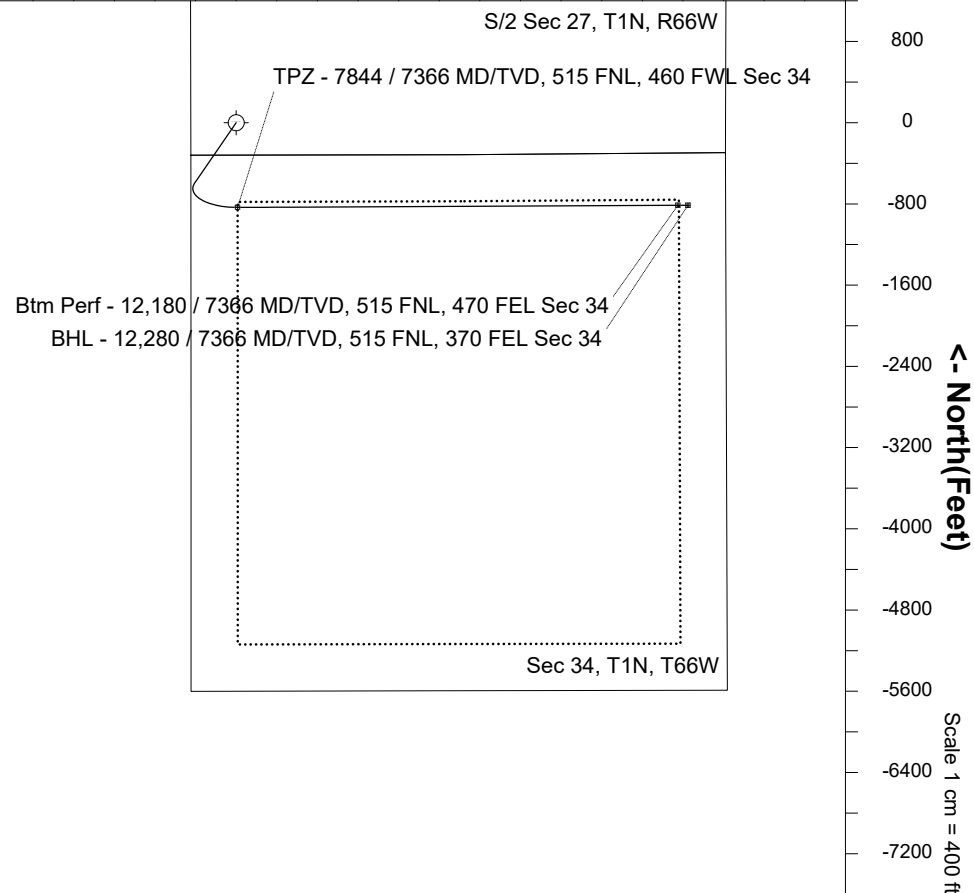
Jun-4-2018
EMM-2015 [2000.0-2020.0] Dip: 66.39 deg Field: 52077.9 nT
Lat: N40 0 56.2716 Long: W104 46 17.3136 Elev: 5116.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



Scale 1 cm = 400 ft

East (Feet) ->

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



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	5092.00	0.00	214.60	5092.00	S 0.00	W 0.00	0.00	0.00
End of Build	6091.89	30.00	214.60	6046.83	S 210.57	W 145.26	3.00	-105.05
End of Hold	7023.68	30.00	214.60	6853.82	S 594.04	W 409.78	0.00	-296.35
Target TPZ - ...Sec 34	7843.75	90.00	89.73	7366.00	S 834.58	E 13.73	13.00	163.49
Target Btm Pe...Sec 34	12180.44	90.00	89.73	7366.00	S 813.80	E 4350.36	0.00	4425.78
End of Turn	12181.62	90.00	89.57	7366.00	S 813.80	E 4351.54	13.00	4426.94
T.D. & Target BHL... 34	12280.44	90.00	89.57	7366.00	S 813.06	E 4450.36	0.00	4524.02