

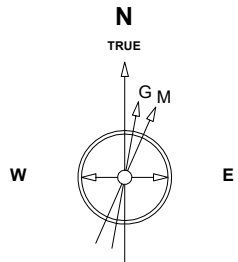
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Rael

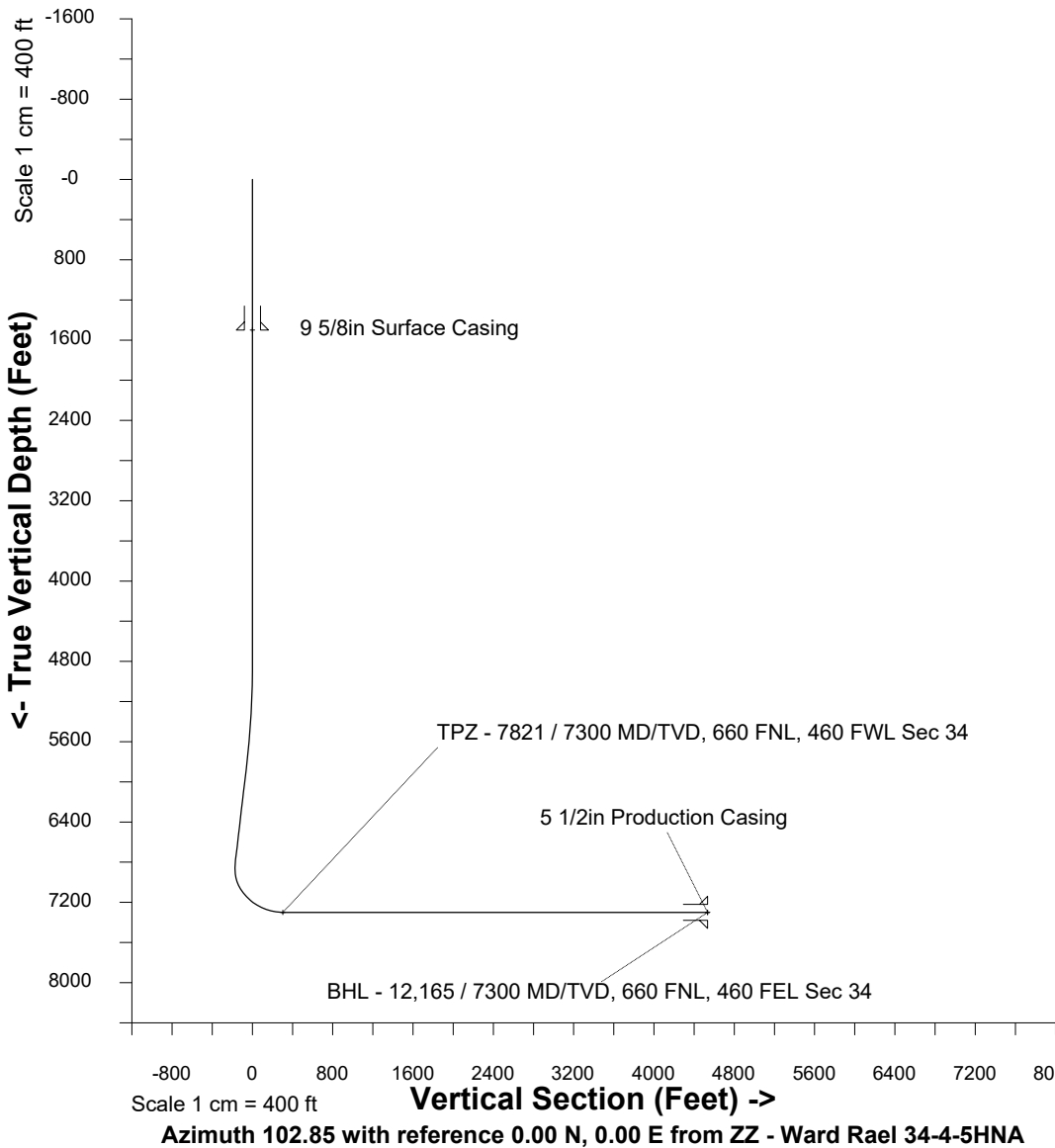
Slot ZZ - Ward Rael 34-4-5HNA
Well Rael 34-4-5HNA
Wellbore Rael 34-4-5HNA (PWB)

Created by admin
Date plotted 28-Jun-2018

Plot reference is Rael 34-4-5HNA (PWB).
Ref wellpath is Rael 34-4-5HNA (PWP#1).
Coordinates are in Feet reference ZZ - Ward Rael 34-4-5HNA.
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.



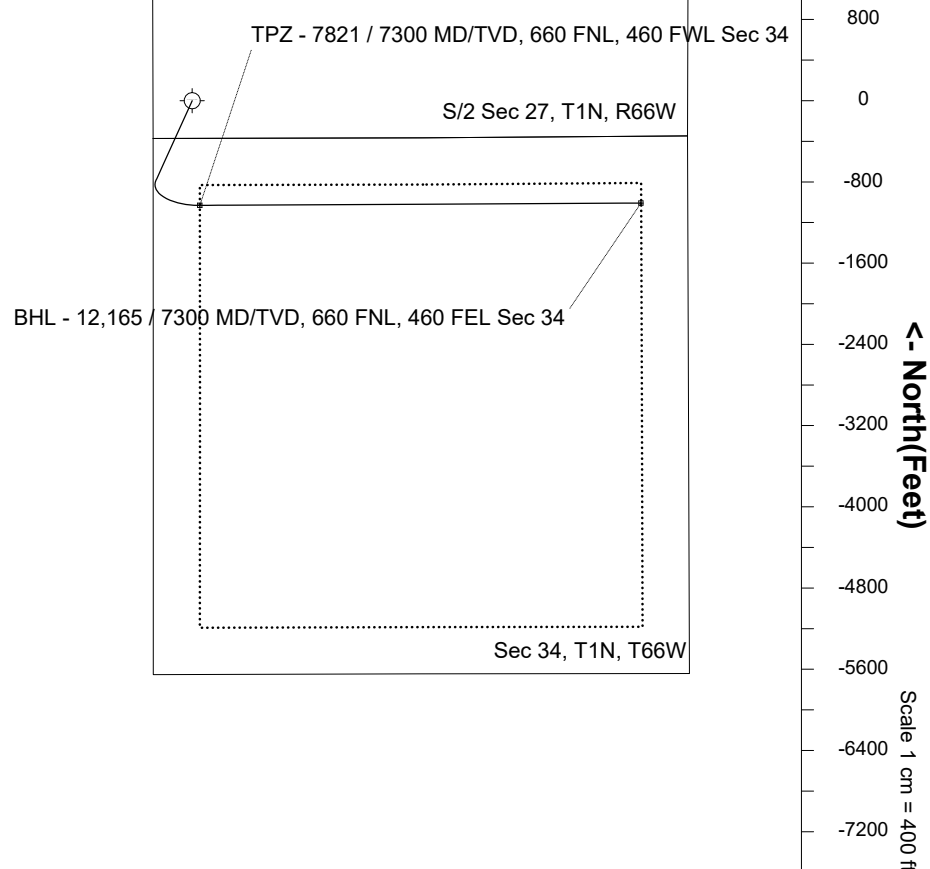
Jun-4-2018
EMM-2015 [2000.0-2020.0] Dip: 66.39 deg Field: 52077.9 nT
Lat: N40 0 56.2716 Long: W104 46 17.3136 Elev: 5116.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



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	4822.00	0.00	204.42	4822.00	S 0.00	W 0.00	0.00	0.00
End of Build	5822.03	30.00	204.42	5776.95	S 233.00	W 105.77	3.00	-51.28
End of Hold	7035.82	30.00	204.42	6828.12	S 785.64	W 356.63	0.00	-172.91
Target TPZ - ...Sec 34	7820.93	90.00	89.71	7300.00	S 1030.93	E 75.63	13.00	303.10
T.D. & Target BHL... 34	12165.48	90.00	89.71	7300.00	S 1008.68	E 4420.13	0.00	4533.76