

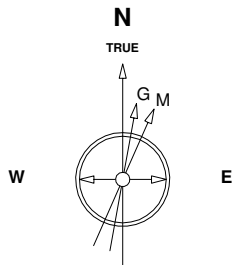
Great Western Operating Company, LLC

Location Colorado
Field Wattenberg
Installation Simpson

Slot North 03 - Simpson FD 16-039HC
Well Simpson FD 16-039HC
Wellbore Simpson FD 16-039HC (PWB)

Created by admin
Date plotted 27-May-2015

Plot reference is Simpson FD 16-039HC (PWB).
Ref wellpath is Simpson FD 16-039HC (PWP#1).
Coordinates are in Feet reference North 03 - Simpson FD 16-039HC.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4827.00 ft.
Plot North is aligned to TRUE North.

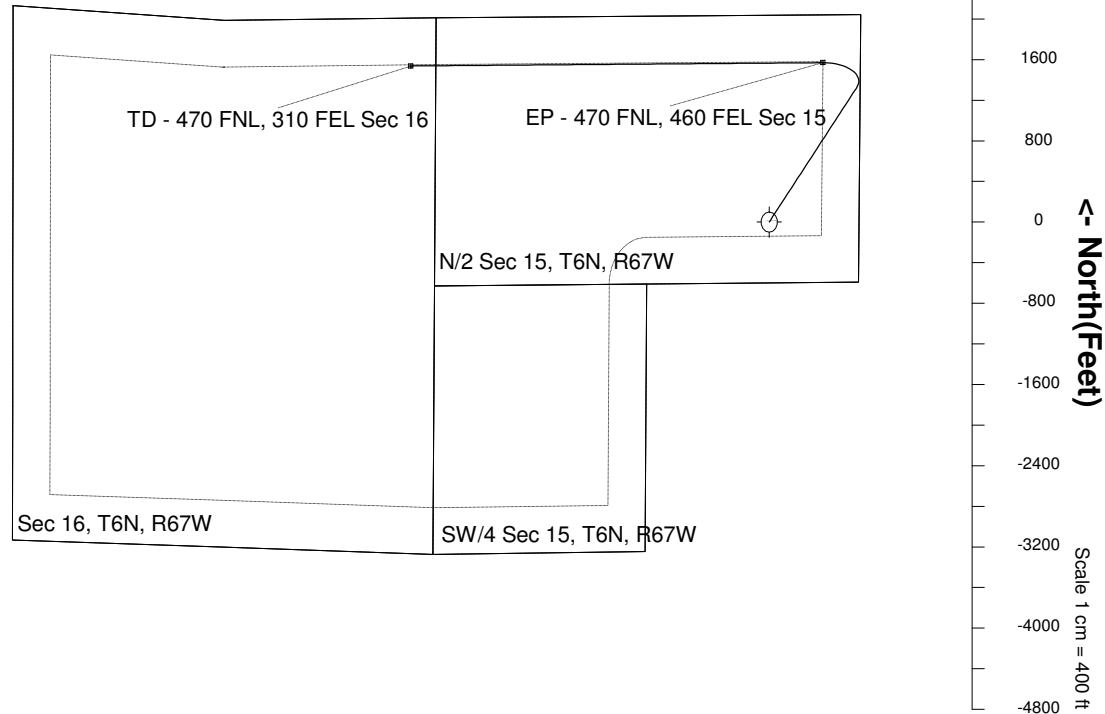
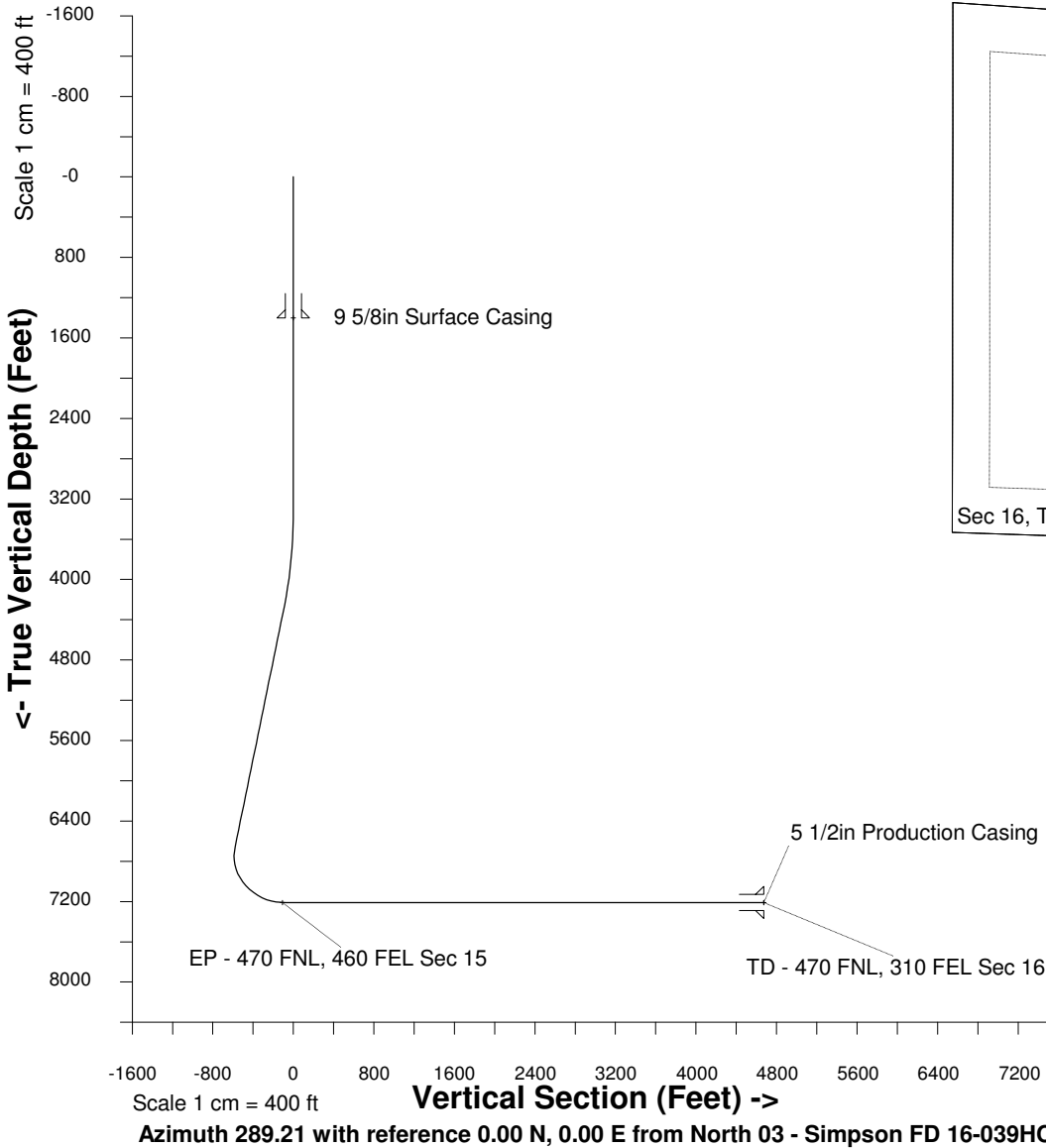


6-Apr-2015
IGRF Model [1900.0-2020.0] Dip: 66.96 deg Field: 52679.1 nT
Lat: N40 29 18.9312 Long: W104 52 27.4404 Elev: 4810.80 ft
Magnetic North is 8.51 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.51 deg

Scale 1 cm = 500 ft

East (Feet) ->

-11000 -10000 -9000 -8000 -7000 -6000 -5000 -4000 -3000 -2000 -1000 0 1000 2000



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	3300.00	0.00	39.14	3300.00	S 0.00	W 0.00	0.00	0.00
End of Build	4332.43	30.97	39.14	4282.88	N 211.21	E 171.90	9.84	-92.84
End of Hold	7126.04	30.97	39.14	6678.15	N 1326.27	E 1079.41	0.00	-582.97
Target EP - 4...Sec 15	7965.34	90.00	269.64	7209.00	N 1569.49	E 661.41	42.65	-108.23
T.D. & Target TD ... 16	13039.81	90.00	269.64	7209.00	N 1537.45	W 4412.96	0.00	4673.11