

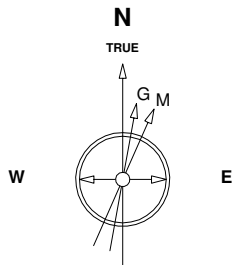
Great Western Operating Company, LLC

Location Colorado
Field Wattenberg
Installation Simpson

Slot North 01 - Simpson FD 15-019HN
Well Simpson FD 15-019HN
Wellbore Simpson FD 15-019HN (PWB)

Created by admin
Date plotted 11-May-2015

Plot reference is Simpson FD 15-019HN (PWB).
Ref wellpath is Simpson FD 15-019HN (PWP#1).
Coordinates are in Feet reference North 01 - Simpson FD 15-019HN.
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.

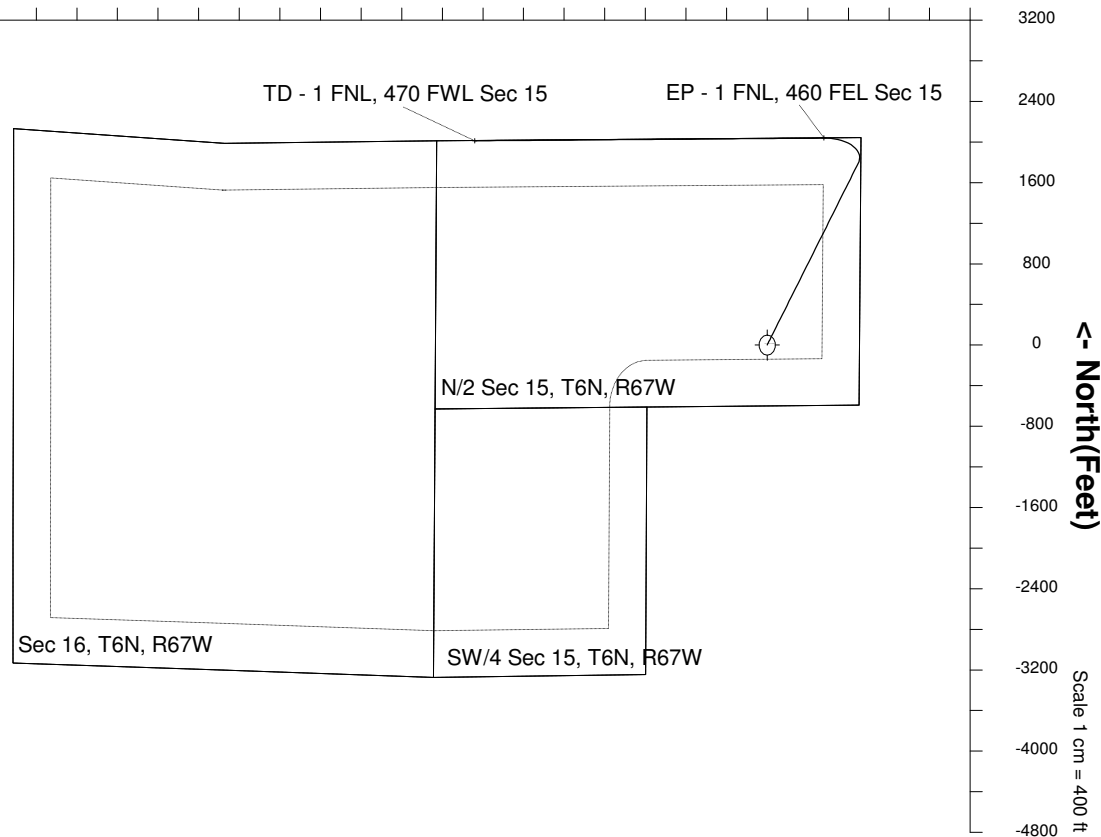
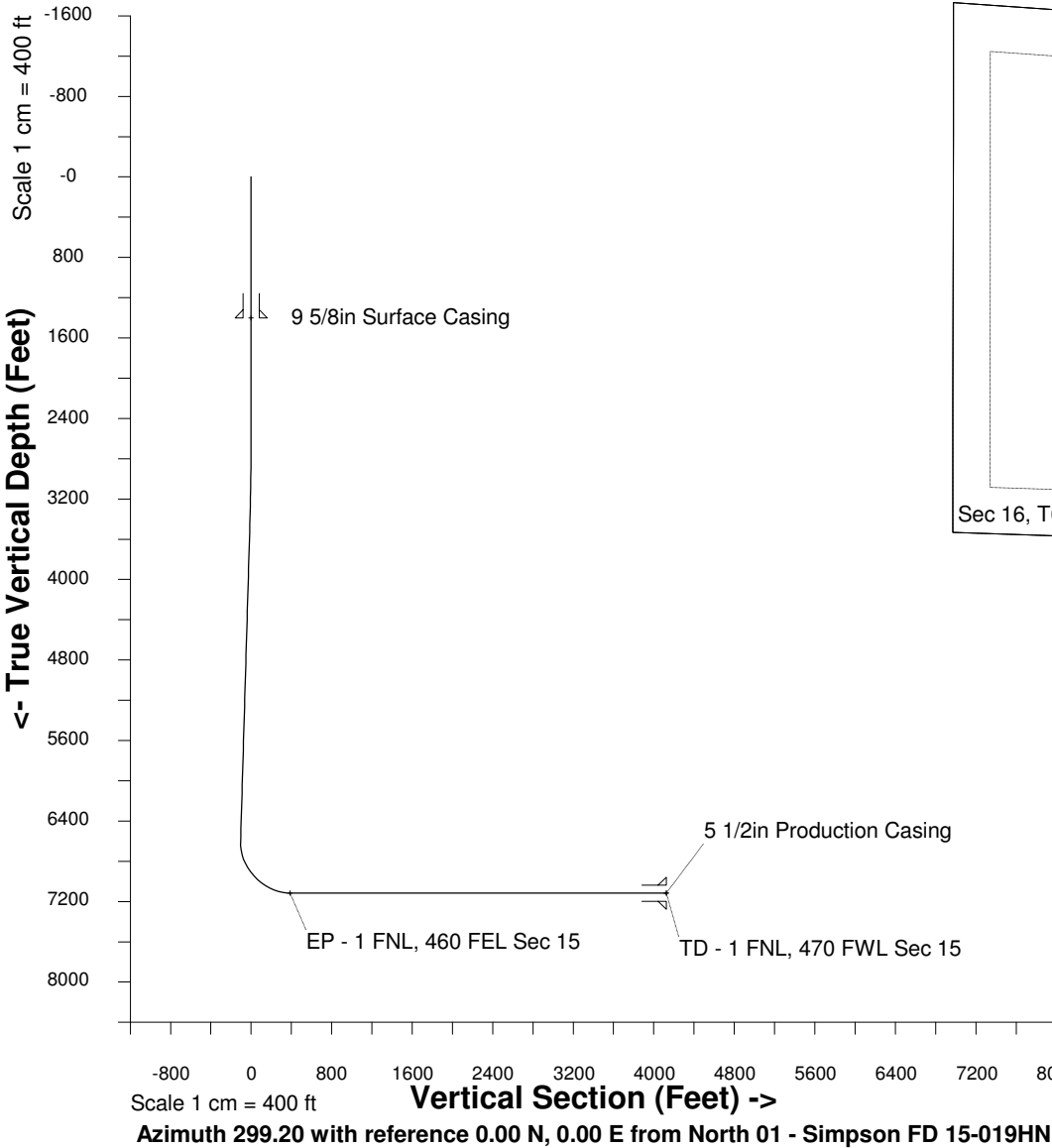


6-Apr-2015
IGRF Model [1900.0-2020.0] Dip: 66.96 deg Field: 52679.1 nT
Lat: N40 29 18.9312 Long: W104 52 27.4404 Elev: 4810.80 ft
Magnetic North is 8.51 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.51 deg

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	2500.00	0.00	32.04	2500.00	S 0.00	W 0.00	0.00	0.00
End of Build	3515.49	30.46	32.04	3468.31	N 223.50	E 139.89	9.84	-13.06
End of Hold	7166.21	30.46	32.04	6615.02	N 1792.47	E 1121.89	0.00	-104.72
Target EP - 1...Sec 15	7979.78	90.00	269.64	7117.00	N 2039.10	E 696.17	42.65	387.22
T.D. & Target TD ... 15	12275.65	90.00	269.64	7117.00	N 2012.03	W 3599.61	0.00	4123.76