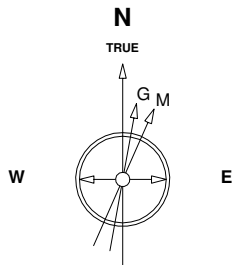


Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Simpson
Slot South 08 - Simpson FD 16-339HN
Well Simpson FD 16-339HN
Wellbore Simpson FD 16-339HN (PWB)

Created by admin
Date plotted 7-Sep-2016
Plot reference is Simpson FD 16-339HN (PWB).
Ref wellpath is Simpson FD 16-339HN (PWP#1).
Coordinates are in Feet reference South 08 - Simpson FD 16-339HN.
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.

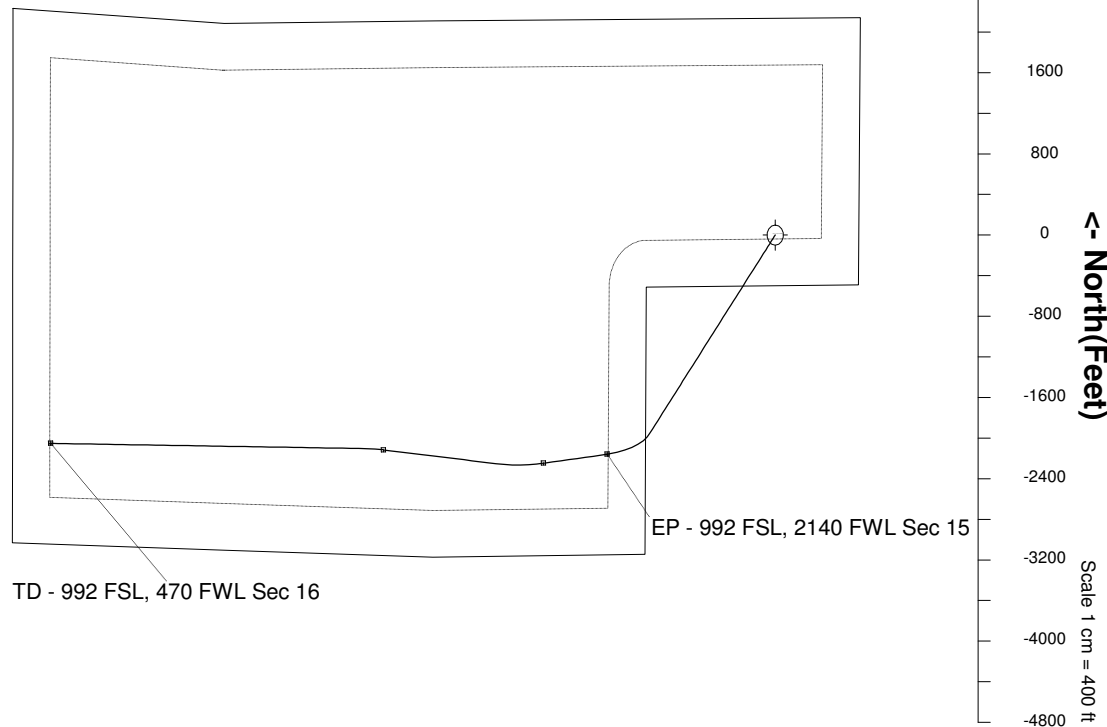
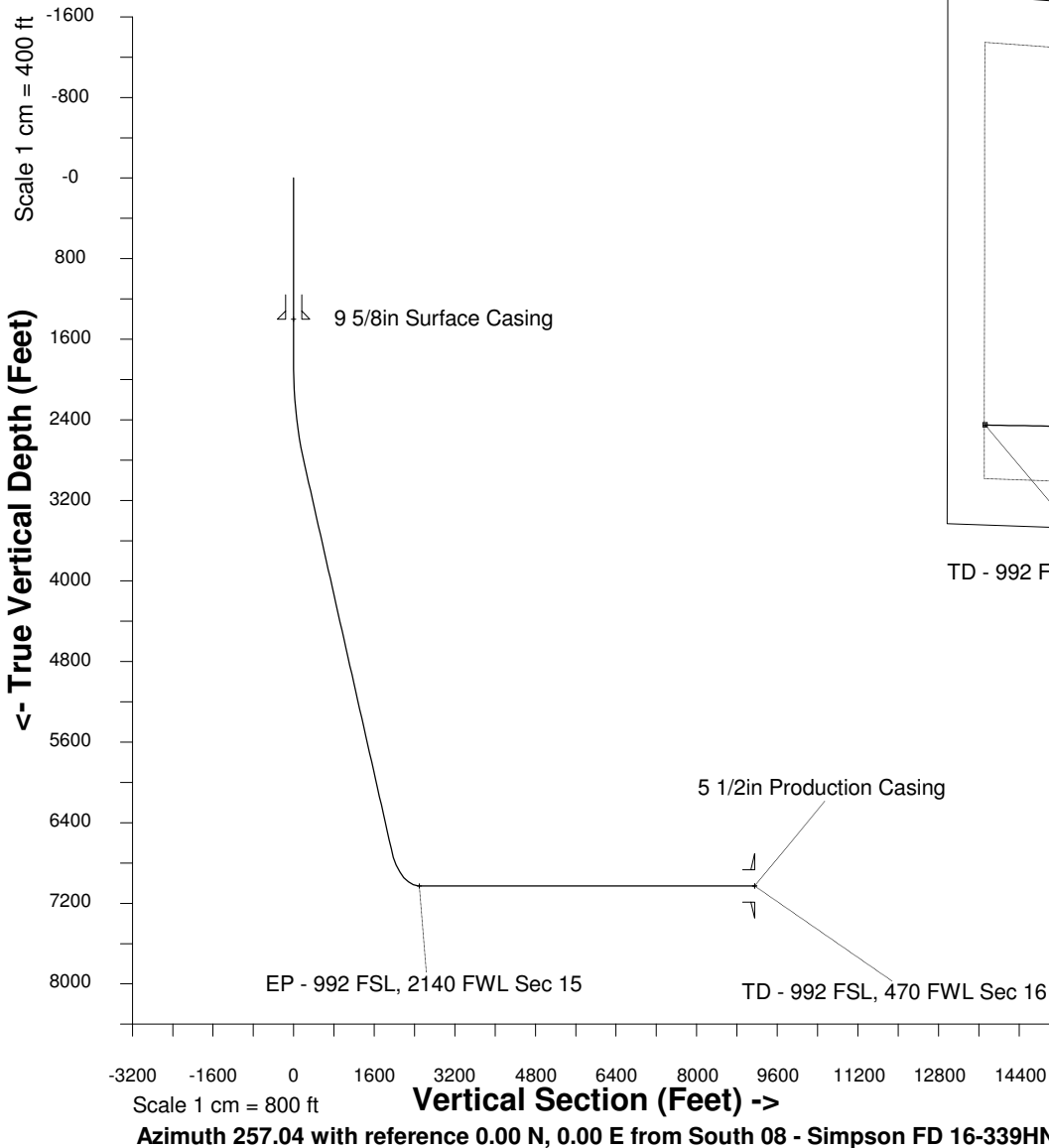


6-Apr-2015
IGRF Model [1900.0-2020.0] Dip: 66.96 deg Field: 52679.1 nT
Lat: N40 29 18.9312 Long: W104 52 27.4404 Elev: 4810.80 ft
Magnetic North is 8.51 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.51 deg

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	1850.00	0.00	218.33	1850.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2850.96	30.03	218.33	2805.76	S 201.10	W 158.98	9.84	200.02
End of Hold	7329.99	30.03	218.33	6683.58	S 1959.48	W 1549.05	0.00	1948.93
Target EP - 9...Sec 15	8023.89	90.00	263.63	7027.00	S 2159.22	W 2066.37	32.81	2497.86
Target RBF 15B	8814.70	90.00	263.63	7027.00	S 2246.98	W 2852.29	0.00	3283.46
End of Turn	9413.54	90.00	275.61	7027.00	S 2250.97	W 3450.03	6.56	3866.88
Target Neg KOP	10792.47	90.00	275.61	7027.00	S 2116.28	W 4822.37	0.00	5174.08
End of Turn	11035.30	90.00	270.75	7027.00	S 2102.82	W 5064.75	6.56	5407.28
T.D. & Target TD ... 16	14892.14	90.00	270.75	7027.00	S 2052.41	W 8921.26	0.00	9154.30