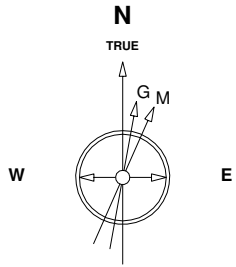


# Great Western Operating Company, LLC

**Location** Colorado **Slot** South 02 - Simpson FD 16-222HN  
**Field** Wattenberg **Well** Simpson FD 16-222HN  
**Installation** Simpson **Wellbore** Simpson FD 16-222HN (PWB)

Created by admin  
 Date plotted 12-May-2015

Plot reference is Simpson FD 16-222HN (PWB).  
 Ref wellpath is Simpson FD 16-222HN (PWP#1).  
 Coordinates are in Feet reference South 02 - Simpson FD 16-222HN.  
 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.

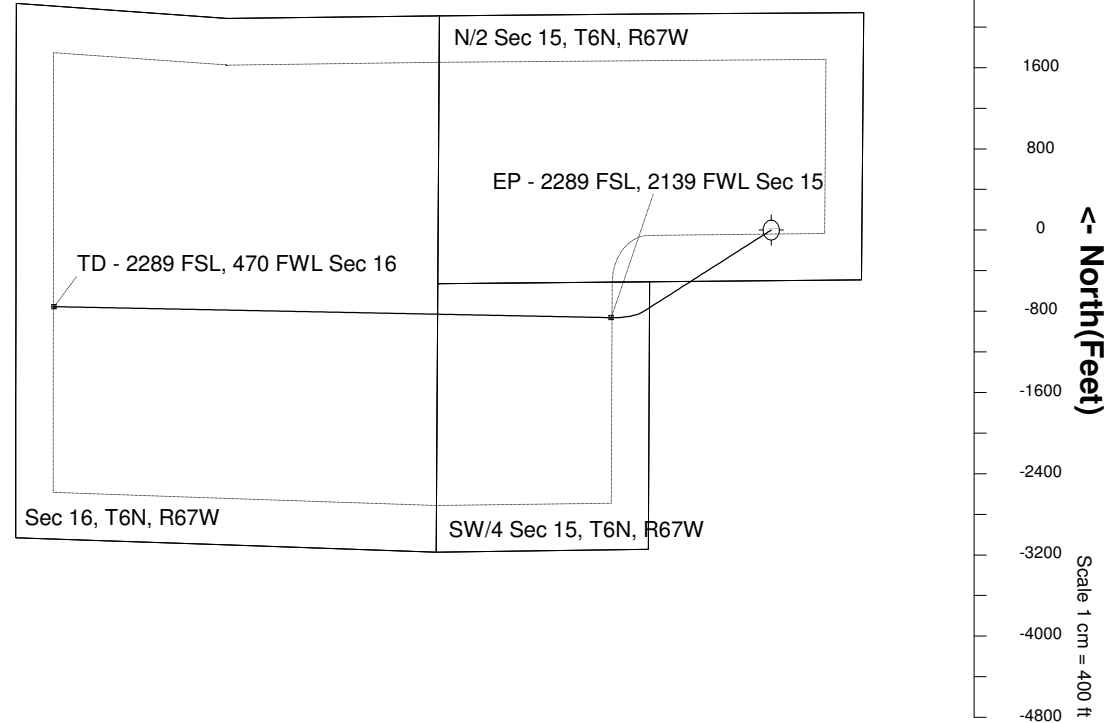
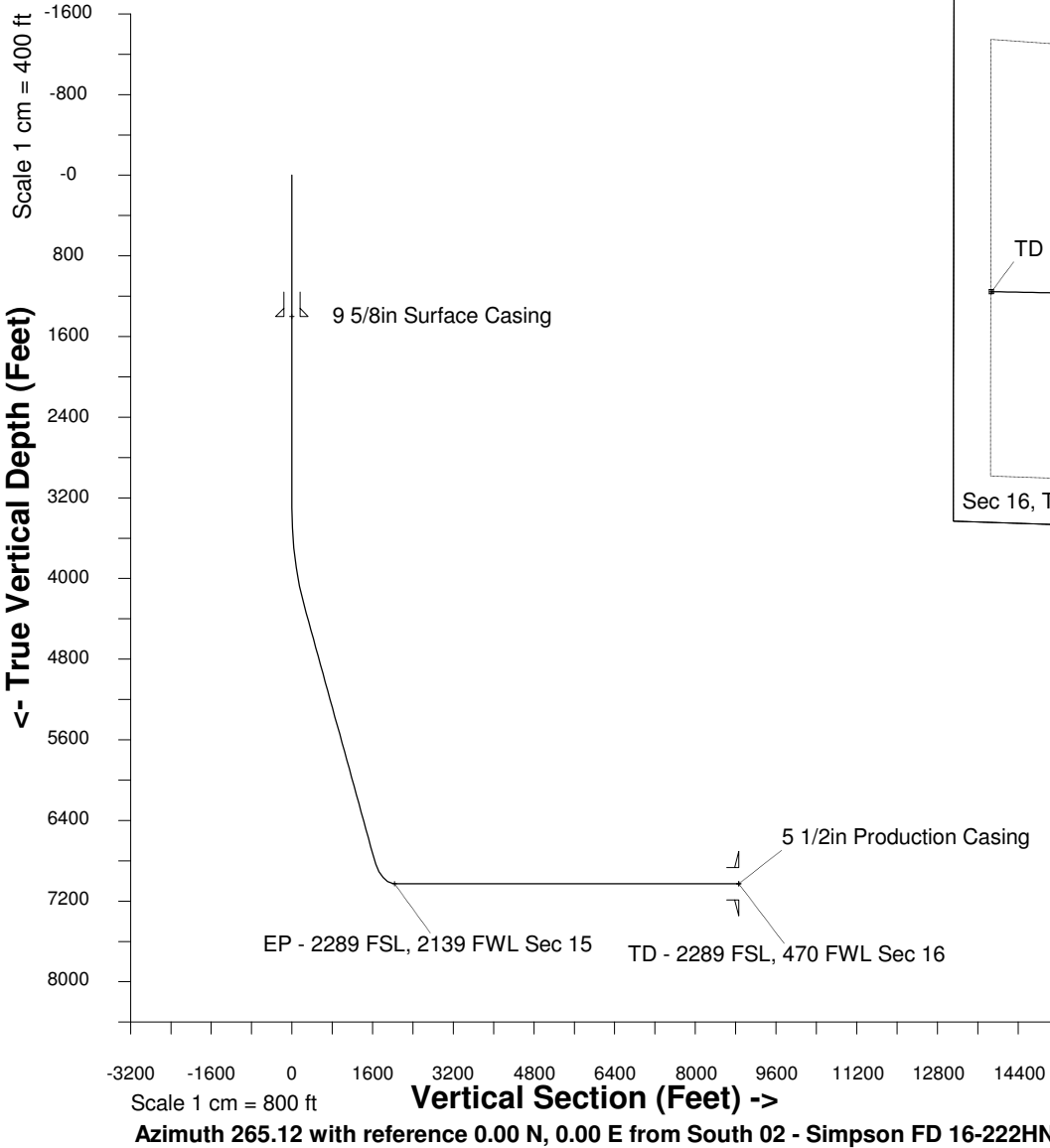


6-Apr-2015  
 IGRF Model [1900.0-2020.0] Dip: 66.96 deg Field: 52679.1 nT  
 Lat: N40 29 18.9312 Long: W104 52 27.4404 Elev: 4810.80 ft  
 Magnetic North is 8.51 deg East of TRUE North  
 To correct azimuth from Magnetic to TRUE add 8.51 deg

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	242.95	3300.00	S 0.00	W 0.00	0.00	-0.00
End of Build	4325.39	30.76	242.95	4276.83	S 122.19	W 239.33	9.84	248.86
End of Hold	7255.03	30.76	242.95	6794.28	S 803.53	W 1573.88	0.00	1636.57
Target EP - 2...Sec 15	7740.72	90.00	270.90	7027.00	S 862.26	W 1968.03	42.65	2034.30
T.D. & Target TD ... 16	14601.97	90.00	270.90	7027.00	S 754.38	W 8828.44	0.00	8860.61