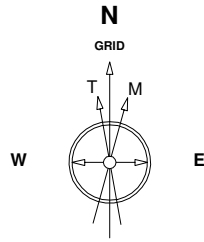


# Great Western Operating Company, LLC

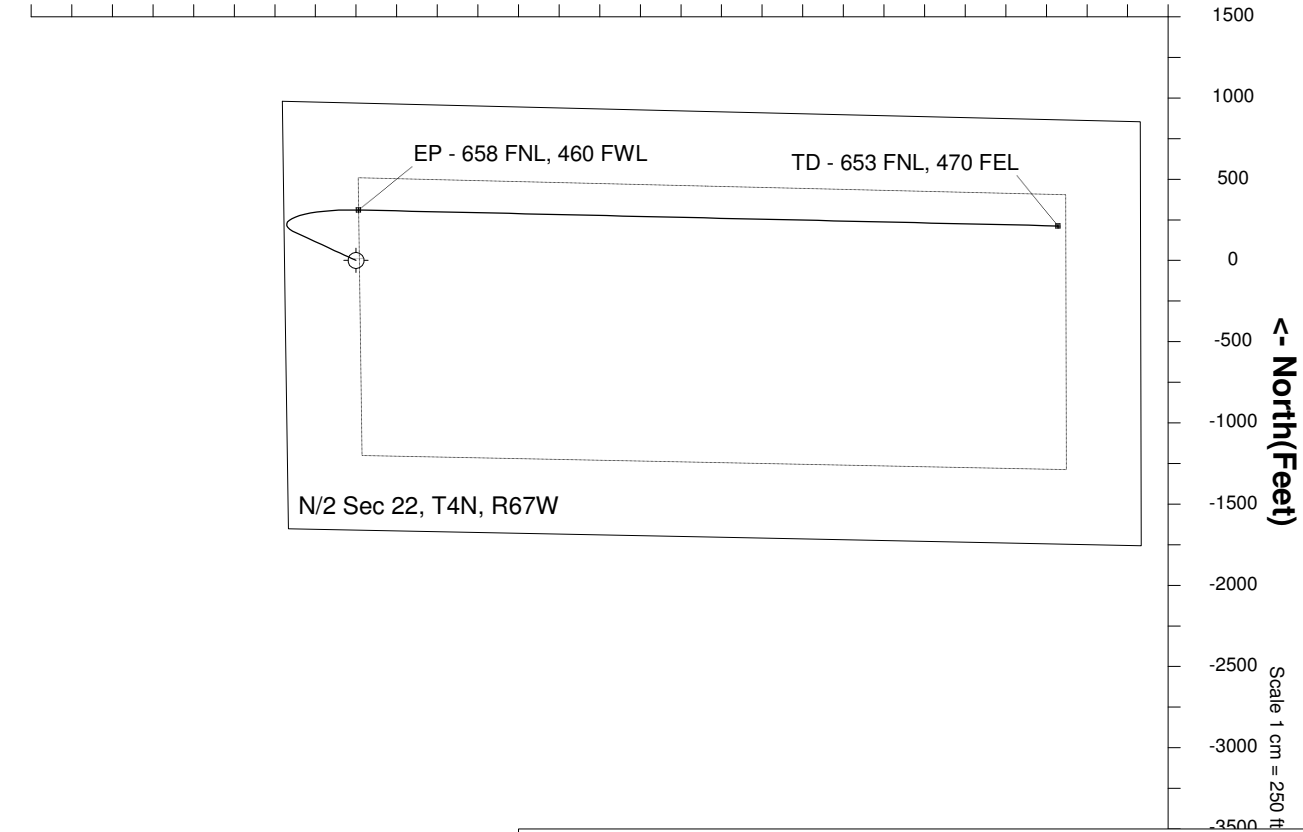
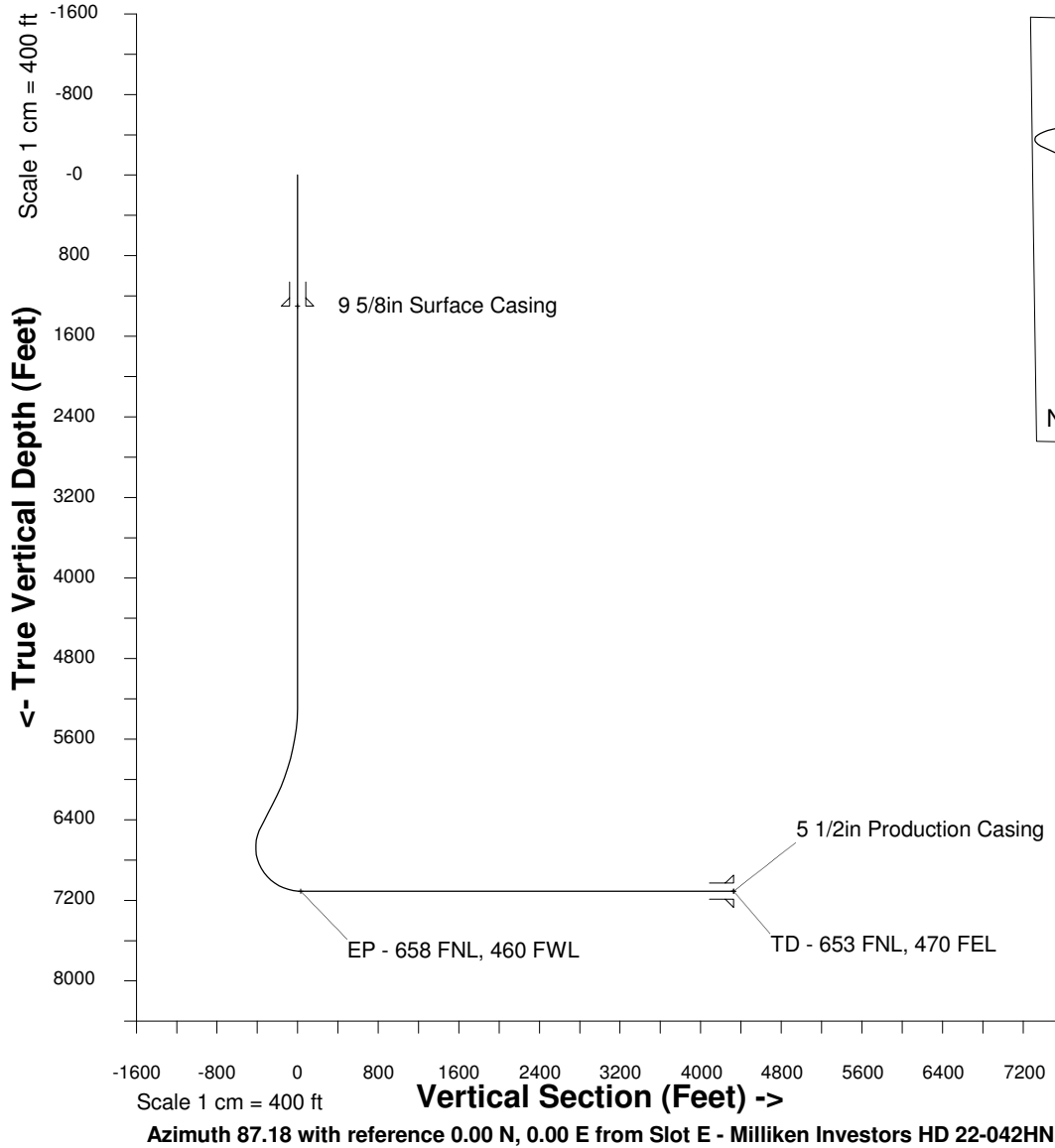
**Location** Colorado      **Slot** Slot E - Milliken Investors HD 22-042HN  
**Field** Wattenberg      **Well** Milliken Investors HD 22-042HN  
**Installation** Milliken Investors      **Wellbore** Milliken Investors HD 22-042HN (PWB)

Created by admin  
 Date plotted 3-Feb-2015  
 Plot reference is Milliken Investors HD 22-042HN (PWB).  
 Ref wellpath is Milliken Investors HD 22-042HN (PWP#1).  
 Coordinates are in Feet reference Slot E - Milliken Investors HD 22-042HN.  
 True Vertical Depths are reference Rig Datum.  
 Measured Depths are reference Rig Datum.  
 Rig Datum: Planned Datum #1  
 Rig Datum to Mean Sea Level: 4909.80 ft.  
 Plot North is aligned to GRID North.



8-Jan-2015  
 IGRF Model [1900,0-2020,0] Dip: 66.82 deg Field: 52607.4 nT  
 Lat: N40 18 10.2888 Long: W104 53 5.2800 Elev: 4893.60 ft  
 Magnetic North is 8.52 deg East of True North  
 GRID North is 0.40 deg East of True North  
 To correct azimuth from True to GRID subtract 0.40 deg  
 To correct azimuth from Magnetic to GRID add 8.13 deg

Scale 1 cm = 250 ft      **East (Feet) ->**  
 -2000   -1500   -1000   -500   0   500   1000   1500   2000   2500   3000   3500   4000   4500   5000



## WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	16.20	0.00	0.00	16.20	S 0.00	W 0.00		0.00
KOP	5250.00	0.00	294.73	5250.00	S 0.00	W 0.00	0.00	0.00
End of Build	6256.27	30.19	294.73	6210.35	N 108.35	W 235.27	9.84	-229.66
End of Hold	6569.92	30.19	294.73	6481.47	N 174.32	W 378.52	0.00	-369.50
Target EP - 6...60 FWL	7473.59	90.00	91.30	7109.00	N 310.51	E 15.70	42.65	30.93
T.D. & Target TD ...FEL	11780.07	90.00	91.30	7109.00	N 212.51	E 4321.06	0.00	4326.28