

18-May-2015  
IGRF Model [1900.0-2020.0] Dip: 66.97 deg Field: 52672.1 nT  
Lat: N40 28 44.6304 Long: W104 46 26.8788 Elev: 4750.80 ft  
Magnetic North is 8.44 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.44 deg

# Great Western Operating Company, LLC

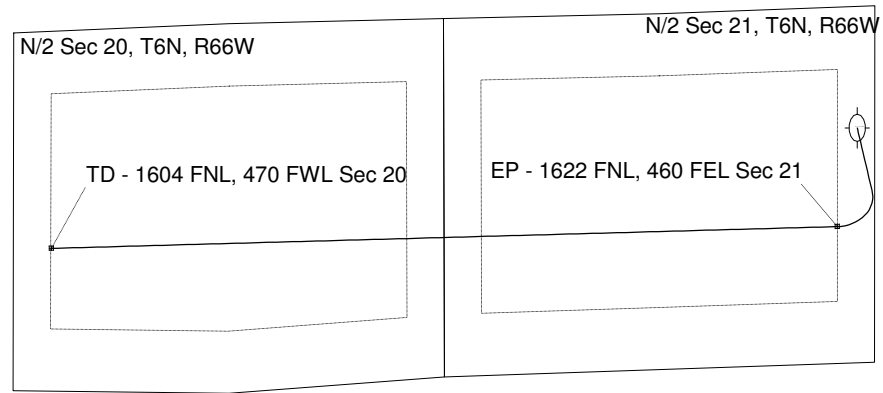
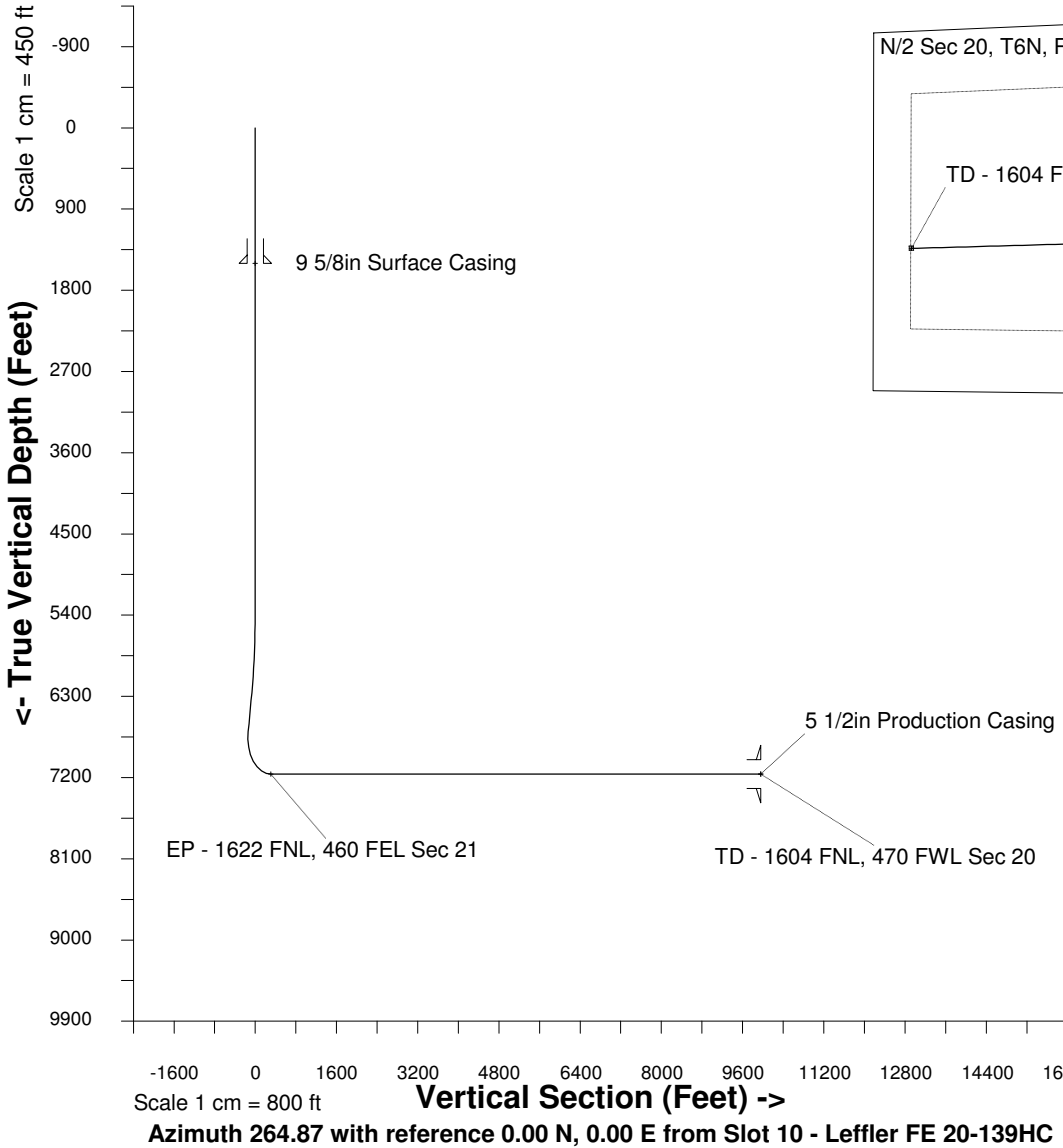
Location	Colorado	Slot	Slot 10 - Leffler FE 20-139HC
Field	Wattenberg	Well	Leffler FE 20-139HC
Installation	Leffler	Wellbore	Leffler FE 20-139HC (PWB)

Created by	admin
Date plotted	22-May-2015
Plot reference is Leffler FE 20-139HC (PWB).	
Ref wellpath is Leffler FE 20-139HC (PWP#1).	
Coordinates are in Feet reference Slot 10 - Leffler FE 20-139HC.	
True Vertical Depths are reference Rig Datum.	
Measured Depths are reference Rig Datum.	
Rig Datum: Planned Datum #1	
Rig Datum to Mean Sea Level: 4750.80 ft.	
Plot North is aligned to TRUE North.	

Scale 1 cm = 500 ft

East (Feet) ->

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



North(Feet)

Scale 1 cm = 300 ft

## 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	5330.00	0.00	158.62	5330.00	S 0.00	W 0.00	0.00	-0.00
End of Build	6349.64	30.59	158.62	6301.89	S 247.49	E 96.88	9.84	-74.36
End of Hold	6821.40	30.59	158.62	6708.00	S 471.05	E 184.39	0.00	-141.54
Target EP - 1...Sec 21	7592.40	90.00	269.05	7162.00	S 729.73	W 245.10	42.65	309.36
T.D. & Target TD ... 20	17269.24	90.00	269.05	7162.00	S 890.58	W 9920.60	0.00	9960.49