

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

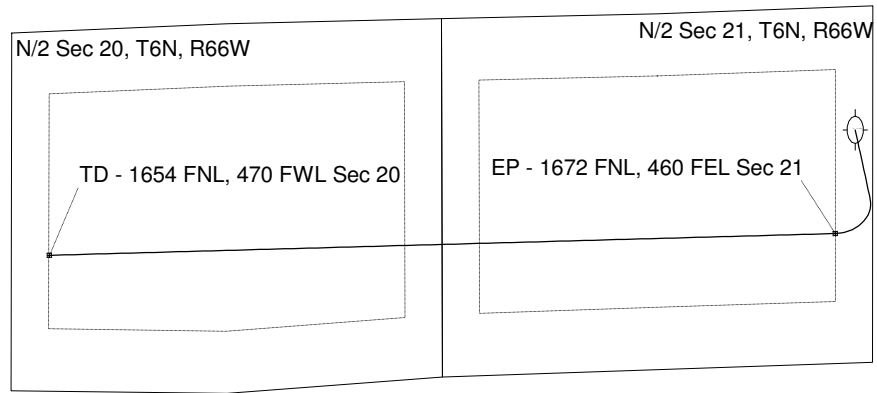
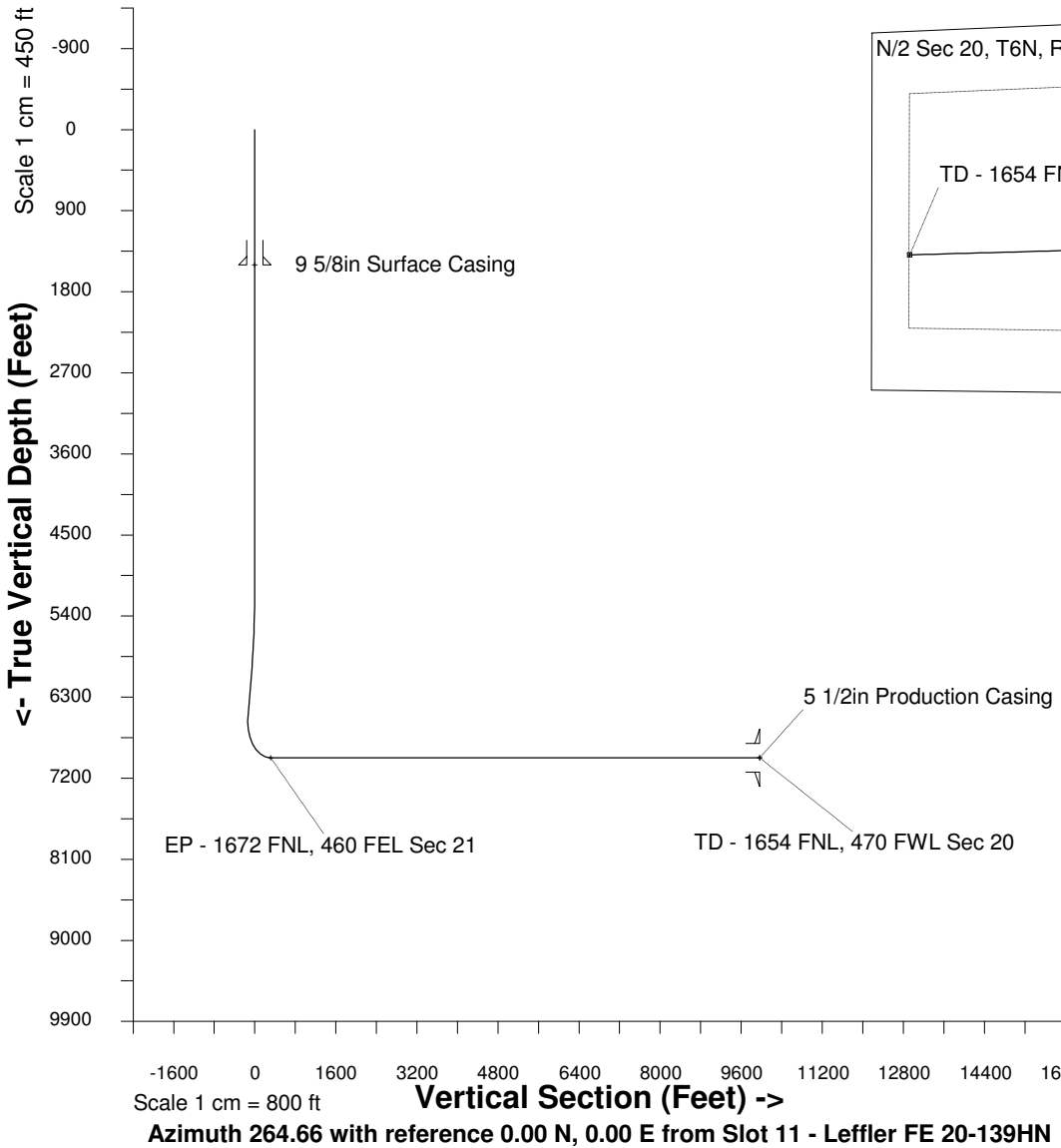
Location	Colorado	Slot	Slot 11 - Leffler FE 20-139HN
Field	Wattenberg	Well	Leffler FE 20-139HN
Installation	Leffler	Wellbore	Leffler FE 20-139HN (PWB)

Created by	admin
Date plotted	22-May-2015
Plot reference is Leffler FE 20-139HN (PWB). Ref wellpath is Leffler FE 20-139HN (PWP#1). Coordinates are in Feet reference Slot 11 - Leffler FE 20-139HN. 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



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	5080.00	0.00	160.03	5080.00	S 0.00	W 0.00	0.00	-0.00
End of Build	6092.11	30.36	160.03	6045.40	S 246.21	E 89.47	9.84	-66.18
End of Hold	6647.88	30.36	160.03	6524.94	S 510.25	E 185.42	0.00	-137.15
Target EP - 1...Sec 21	7413.12	90.00	269.05	6974.00	S 766.16	W 245.10	42.65	315.32
T.D. & Target TD ... 20	17089.98	90.00	269.05	6974.00	S 927.01	W 9920.62	0.00	9963.84