

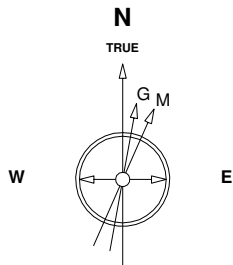
# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenberg  
**Installation** Kodak North

**Slot** Slot SD - Kodak North FD 27-179HN  
**Well** Kodak North FD 27-179HN  
**Wellbore** Kodak North FD 27-179HN (PWB)

Created by admin  
Date plotted 4-Nov-2015

Plot reference is Kodak North FD 27-179HN (PWB).  
Ref wellpath is Kodak North FD 27-179HN (PWP#1).  
Coordinates are in Feet reference Slot SD - Kodak North FD 27-179HN.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 4776.30 ft.  
Plot North is aligned to TRUE North.



5-Mar-2015  
IGRF Model [1900.0-2020.0] Dip: 66.94 deg Field: 52675.2 nT  
Lat: N40 27 32.4396 Long: W104 51 49.7592 Elev: 4760.10 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 = 400 ft

East (Feet) ->

-9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600

3200

2400

1600

800

0

-800

-1600

-2400

-3200

-4000

-4800

North(Feet)

Scale 1 cm = 400 ft

True Vertical Depth (Feet)

Scale 1 cm = 400 ft

-1600

-800

0

800

1600

2400

3200

4000

4800

5600

6400

7200

8000

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

Scale 1 cm = 500 ft

Vertical Section (Feet) ->

Azimuth 271.56 with reference 0.00 N, 0.00 E from Slot SD - Kodak North FD 27-179HN

9 5/8in Surface Casing

EP - 2159 FNL, 1825 FWL Sec 26

5 1/2in Production Casing

TD - 2159 FNL, 470 FWL Sec 27

TD - 2159 FNL, 470 FWL Sec 27

EP - 2159 FNL, 1825 FWL Sec 26

Sec 28, T6N, R67W

Sec 27, T6N, R67W

Sec 26, T6N, R67W

## 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	4756.00	0.00	76.78	4756.00	S 0.00	W 0.00	0.00	0.00
End of Build	5756.07	30.00	76.78	5710.99	N 58.50	E 249.13	9.84	-247.45
End of Hold	5974.62	30.00	76.78	5900.26	N 83.49	E 355.52	0.00	-353.12
Target EP - 2...Sec 26	7166.04	90.00	269.91	6745.00	N 193.46	W 145.09	32.81	150.30
T.D. & Target TD ... 27	13744.81	90.00	269.91	6745.00	N 183.08	W 6723.85	0.00	6726.34