

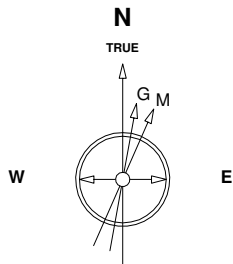
# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Dittmer

**Slot** Slot S03 - Dittmer KE 20-022HC  
**Well** Dittmer KE 20-022HC  
**Wellbore** Dittmer KE 20-022HC (PWB)

Created by admin  
Date plotted 5-May-2016

Plot reference is Dittmer KE 20-022HC (PWB).  
Ref wellpath is Dittmer KE 20-022HC (PWP#1).  
Coordinates are in Feet reference Slot S03 - Dittmer KE 20-022HC.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 4982.50 ft.  
Plot North is aligned to TRUE North.



Scale 1 cm = 450 ft

East (Feet) ->

-5400 -4500 -3600 -2700 -1800 -900 0 900 1800 2700 3600 4500 5400 6300

13500

12600

11700

10800

9900

9000

8100

7200

6300

5400

4500

3600

2700

1800

900

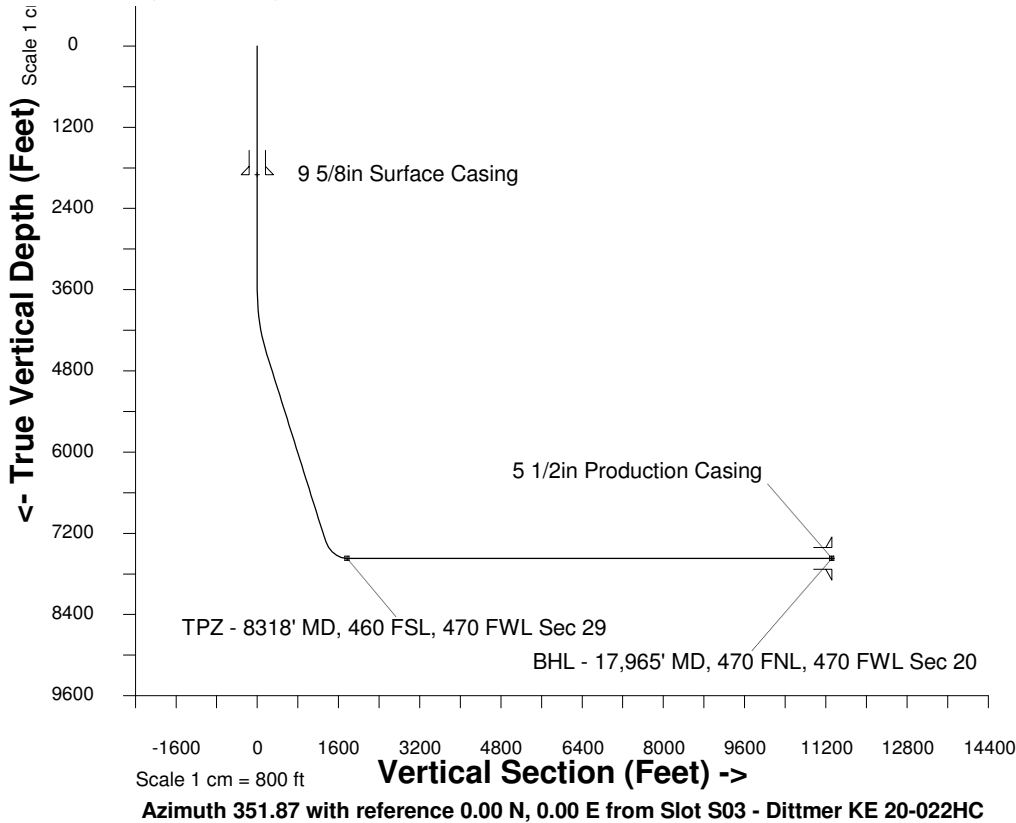
0

-900

<- North(Feet)

Scale 1 cm = 450 ft

3-Jun-2015  
IGRF Model [1900.0-2020.0] Dip: 66.59 deg Field: 52417.9 nT  
Lat: N40 0 43.8804 Long: W104 48 11.5416 Elev: 4966.30 ft  
Magnetic North is 8.41 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.41 deg



## 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	3591.00	0.00	308.37	3591.00	S 0.00	W 0.00	0.00	0.00
End of Build	4590.84	30.00	308.37	4545.79	N 158.79	W 200.54	9.84	185.57
End of Hold	7765.73	30.00	308.37	7295.46	N 1144.09	W 1444.89	0.00	1337.02
Target TPZ - ...Sec 29	8318.38	90.00	359.82	7572.00	N 1562.48	W 1571.07	42.65	1769.06
T.D. & Target BHL... 20	17964.79	90.00	359.82	7572.00	N 11208.83	W 1602.09	0.00	11322.75

