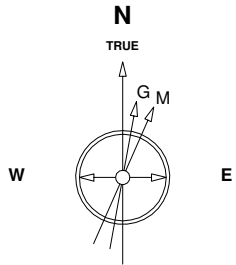


# Great Western Operating Company, LLC

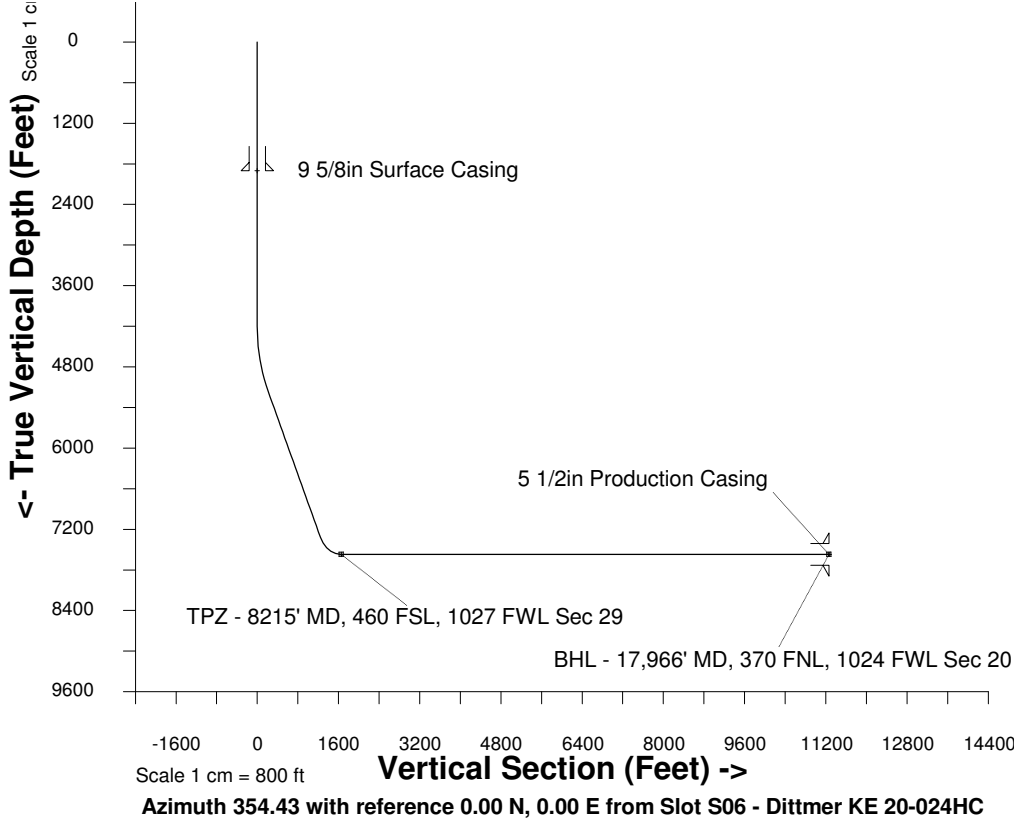
**Location** Colorado  
**Field** Wattenburg  
**Installation** Dittmer  
**Slot** Slot S06 - Dittmer KE 20-024HC  
**Well** Dittmer KE 20-024HC  
**Wellbore** Dittmer KE 20-024HC (PWB)

Created by admin  
Date plotted 5-May-2016

Plot reference is Dittmer KE 20-024HC (PWB).  
Ref wellpath is Dittmer KE 20-024HC (PWP#1).  
Coordinates are in Feet reference Slot S06 - Dittmer KE 20-024HC.  
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.



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	4200.00	0.00	320.20	4200.00	S 0.00	W 0.00	0.00	0.00
End of Build	5200.11	30.00	320.20	5155.02	N 196.63	W 163.82	9.84	211.59
End of Hold	7697.51	30.00	320.20	7317.76	N 1156.09	W 963.19	0.00	1244.06
Target TPZ - ...Sec 29	8215.47	90.00	359.79	7572.00	N 1562.45	W 1058.21	42.65	1657.73
T.D. & Target BHL... 20	17965.90	90.00	359.79	7572.00	N 11312.81	W 1092.79	0.00	11265.94

Scale 1 cm = 450 ft

**East (Feet) ->**

East (Feet) ->

