

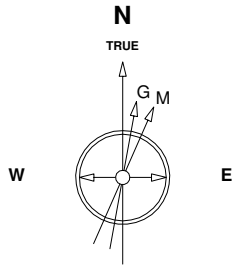
# Great Western Operating Company, LLC

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

**Slot** Slot N08 - Dittmer KE 29-034HN  
**Well** Dittmer KE 29-034HN  
**Wellbore** Dittmer KE 29-034HN (PWB)

Created by admin  
Date plotted 5-May-2016

Plot reference is Dittmer KE 29-034HN (PWB).  
Ref wellpath is Dittmer KE 29-034HN (PWP#1).  
Coordinates are in Feet reference Slot N08 - Dittmer KE 29-034HN.  
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.

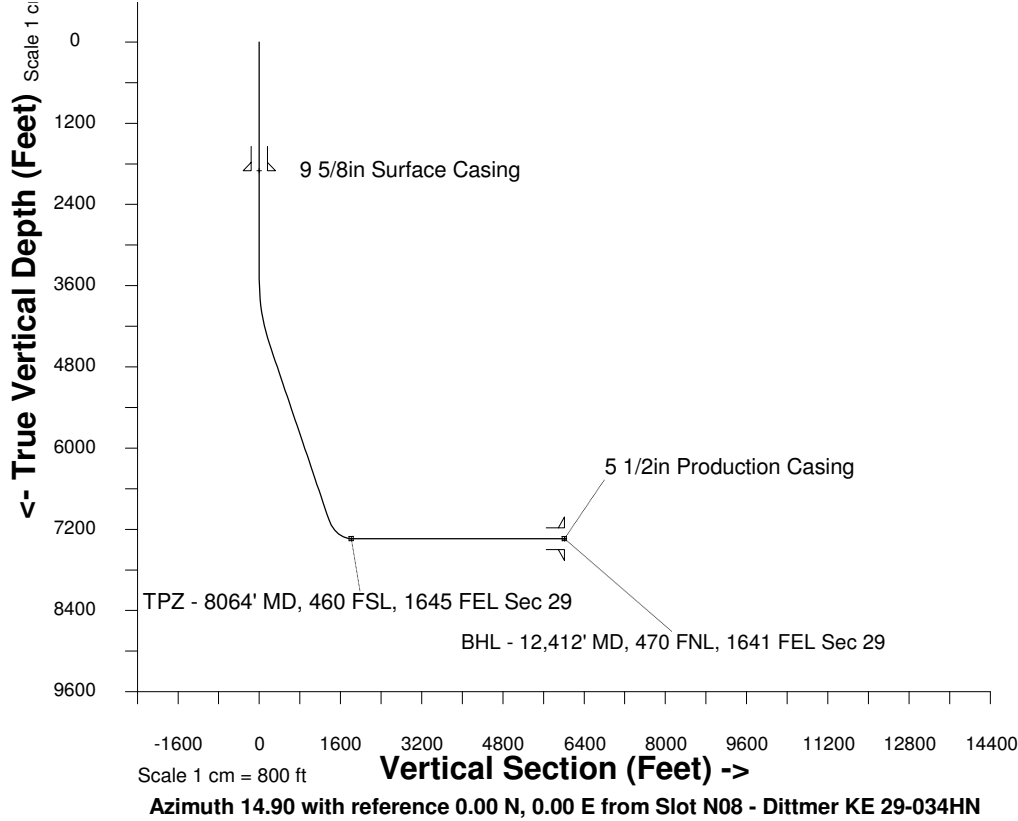


Scale 1 cm = 400 ft

East (Feet) ->

-5600 -4800 -4000 -3200 -2400 -1600 -800 0 800 1600 2400 3200 4000 4800

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	3501.00	0.00	53.61	3501.00	S 0.00	W 0.00	0.00	0.00
End of Build	4500.85	30.00	53.61	4455.80	N 151.76	E 205.92	9.84	199.59
End of Hold	7504.17	30.00	53.61	7056.87	N 1042.51	E 1414.62	0.00	1371.12
Target TPZ - ...Sec 29	8063.74	90.00	0.01	7338.00	N 1463.39	E 1545.30	42.65	1811.45
T.D. & Target BHL... 29	12411.88	90.00	0.01	7338.00	N 5811.53	E 1545.87	0.00	6013.62

