

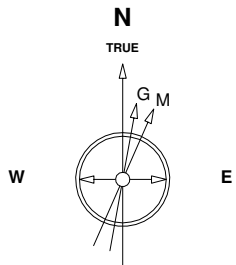
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Dittmer

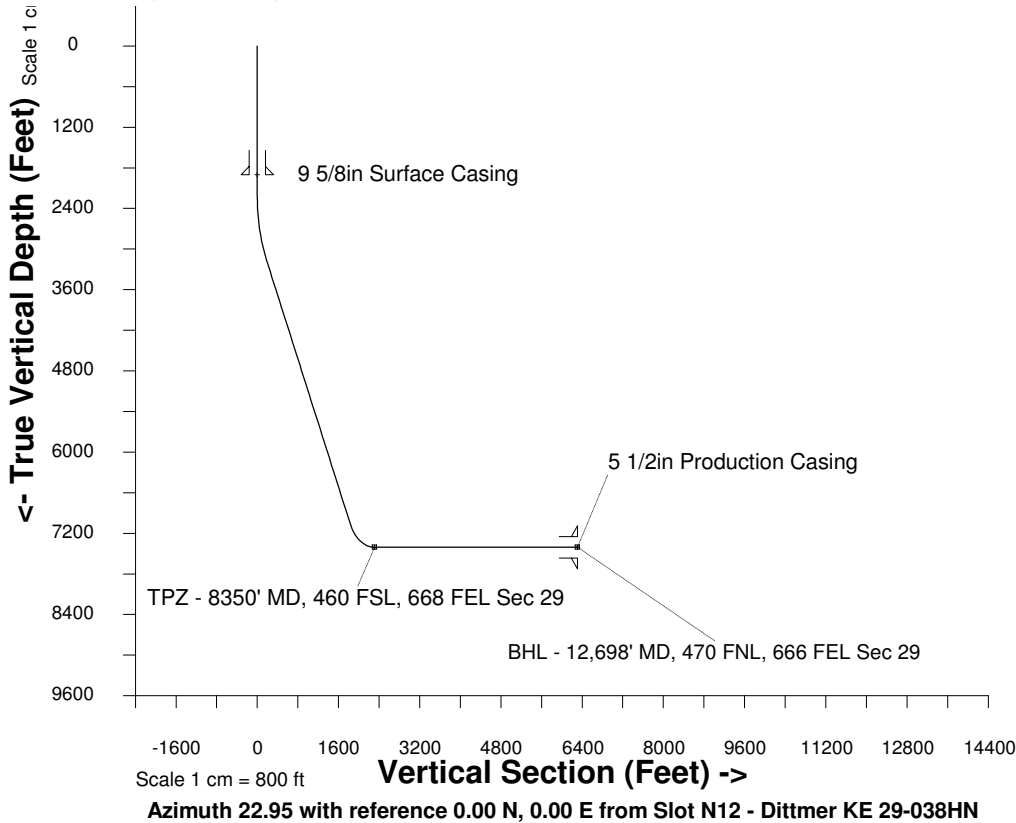
Slot Slot N12 - Dittmer KE 29-038HN
Well Dittmer KE 29-038HN
Wellbore Dittmer KE 29-038HN (PWB)

Created by admin
Date plotted 5-May-2016

Plot reference is Dittmer KE 29-038HN (PWB).
Ref wellpath is Dittmer KE 29-038HN (PWP#1).
Coordinates are in Feet reference Slot N12 - Dittmer KE 29-038HN.
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	2219.00	0.00	65.81	2219.00	S 0.00	W 0.00	0.00	0.00
End of Build	3218.97	30.00	65.81	3173.91	N 104.82	E 233.40	9.84	187.53
End of Hold	7748.76	30.00	65.81	7096.85	N 1032.70	E 2299.44	0.00	1847.48
Target TPZ - ...Sec 29	8350.24	90.00	359.97	7407.00	N 1464.19	E 2462.61	42.65	2308.44
T.D. & Target BHL... 29	12697.66	90.00	359.97	7407.00	N 5811.61	E 2460.50	0.00	6311.01

Scale 1 cm = 400 ft

East (Feet) ->

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

