

N
TRUE

Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Dittmer
Slot Slot N07 - Dittmer KE 20-034HC
Well Dittmer KE 20-034HC
Wellbore Dittmer KE 20-034HC (PWB)

Scale 1 cm = 450 ft

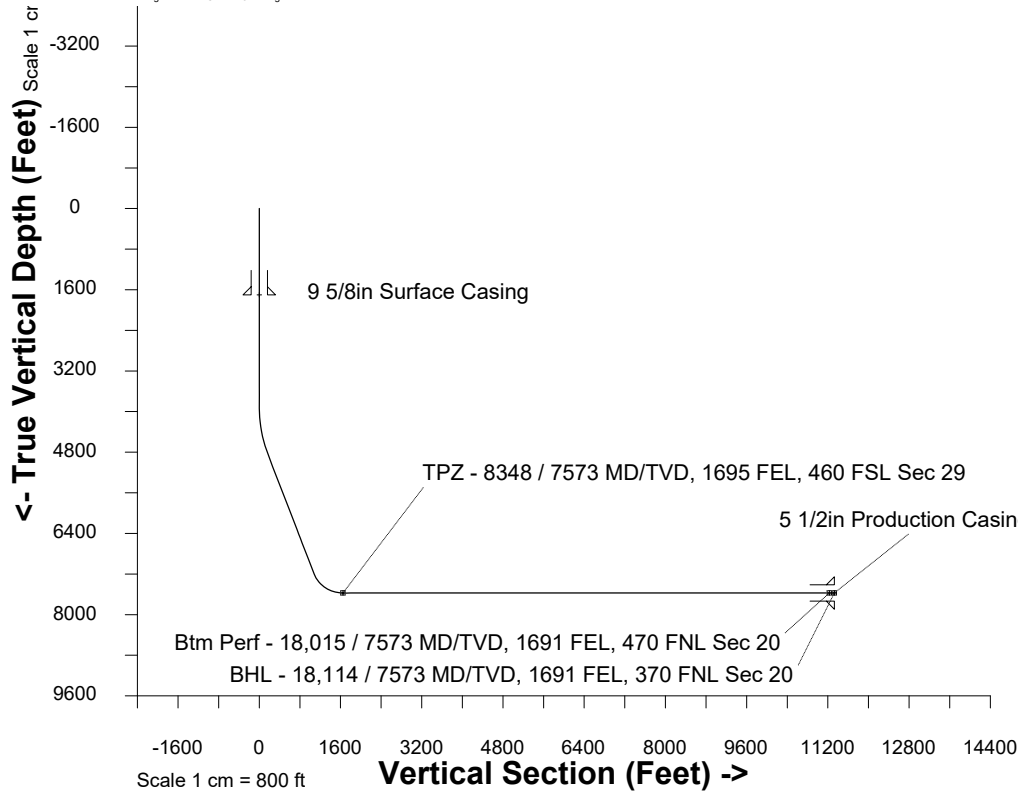
East (Feet) ->

Created by admin
Date plotted 7-Mar-2018

Plot reference is Dittmer KE 20-034HC (PWB).
Ref wellpath is Dittmer KE 29-034HC (PWP#1).
Coordinates are in Feet reference Slot N07 - Dittmer KE 20-034HC.
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.

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

Jun-3-2015
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



Azimuth 7.59 with reference 0.00 N, 0.00 E from Slot N07 - Dittmer KE 20-034HC

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	3889.00	0.00	55.61	3889.00	S 0.00	W 0.00	0.00	0.00
End of Build	4889.06	30.00	55.61	4843.98	N 144.54	E 211.18	3.00	171.15
End of Hold	7611.43	30.00	55.61	7201.58	N 913.38	E 1334.52	0.00	1081.60
Target TPZ - ...Sec 29	8347.76	90.00	359.91	7573.00	N 1463.39	E 1510.84	10.00	1650.08
Target Btm Pe...Sec 20	18014.52	90.00	359.91	7573.00	N 11130.14	E 1496.26	0.00	11230.26
End of Turn	18015.30	90.00	359.84	7573.00	N 11130.92	E 1496.26	10.00	11231.03
T.D. & Target BHL... 20	18114.34	90.00	359.84	7573.00	N 11229.96	E 1495.97	0.00	11329.16

