

N
TRUE

Great Western Operating Company, LLC

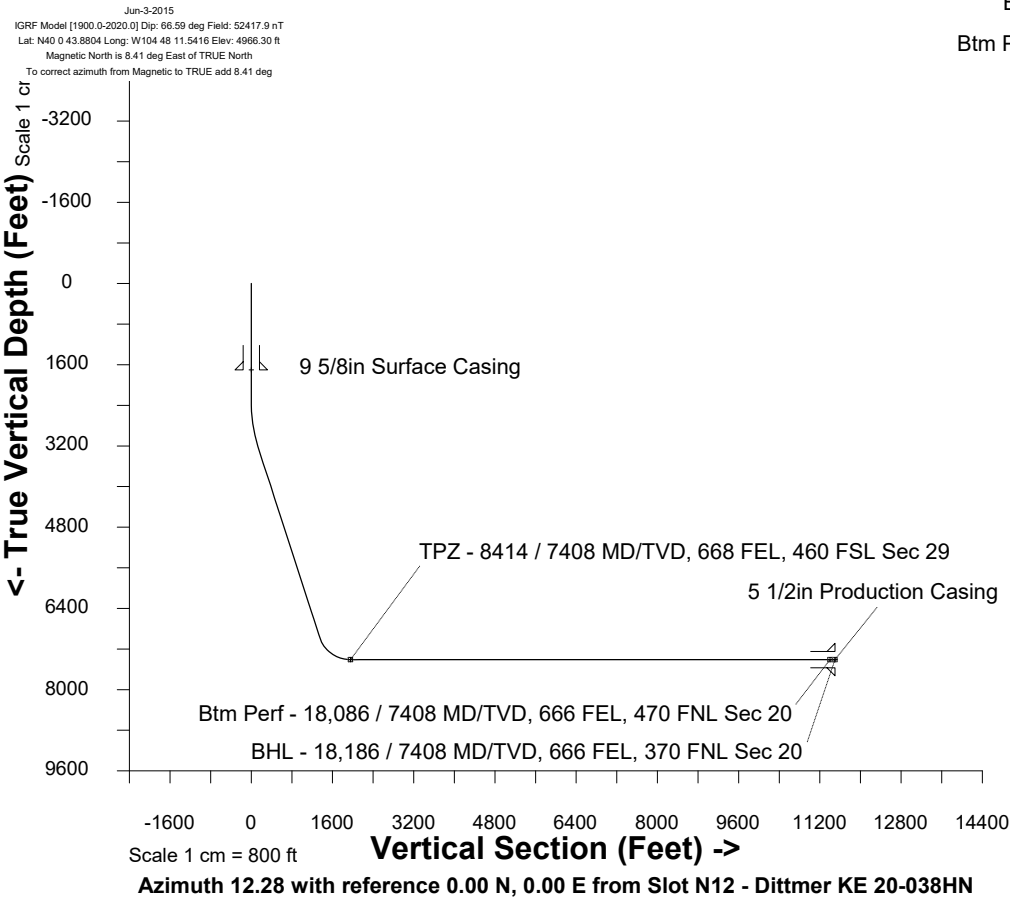
Location Colorado
Field Wattenburg
Installation Dittmer
Slot Slot N12 - Dittmer KE 20-038HN
Well Dittmer KE 20-038HN
Wellbore Dittmer KE 20-038HN (PWB)

Scale 1 cm = 450 ft

East (Feet) ->

Created by	admin
Date plotted	7-Mar-2018
Plot reference is Dittmer KE 20-038HN (PWB).	
Ref wellpath is Dittmer KE 29-038HN (PWP#1).	
Coordinates are in Feet reference Slot N12 - Dittmer KE 20-038HN.	
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.	

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



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	2299.00	0.00	68.12	2299.00	S 0.00	W 0.00	0.00	0.00
End of Build	3299.16	30.00	68.12	3254.07	N 95.38	E 237.51	3.00	143.71
End of Hold	7621.03	30.00	68.12	6996.74	N 900.79	E 2243.08	0.00	1357.20
Target TPZ - ...Sec 29	8414.11	90.00	359.90	7408.00	N 1464.19	E 2462.61	10.00	1954.40
Target Btm Pe...Sec 20	18085.98	90.00	359.90	7408.00	N 11136.05	E 2445.42	0.00	11401.37
End of Turn	18086.95	90.00	359.99	7408.00	N 11137.01	E 2445.42	10.00	11402.31
T.D. & Target BHL... 20	18186.16	90.00	359.99	7408.00	N 11236.23	E 2445.41	0.00	11499.25

BHL - 18,186 / 7408 MD/TVD, 666 FEL, 370 FNL Sec 20

Btm Perf - 18,086 / 7408 MD/TVD, 666 FEL, 470 FNL Sec 20

Sec 20, T1N, R66W

TPZ - 8414 / 7408 MD/TVD, 668 FEL, 460 FSL Sec 29

Sec.29, T.1N., R66W

N/2 Sec 32, T1N, R66W

<- North(Feet)

Scale 1 cm = 450 ft