

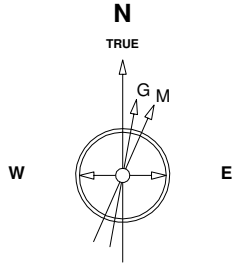
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Marcus

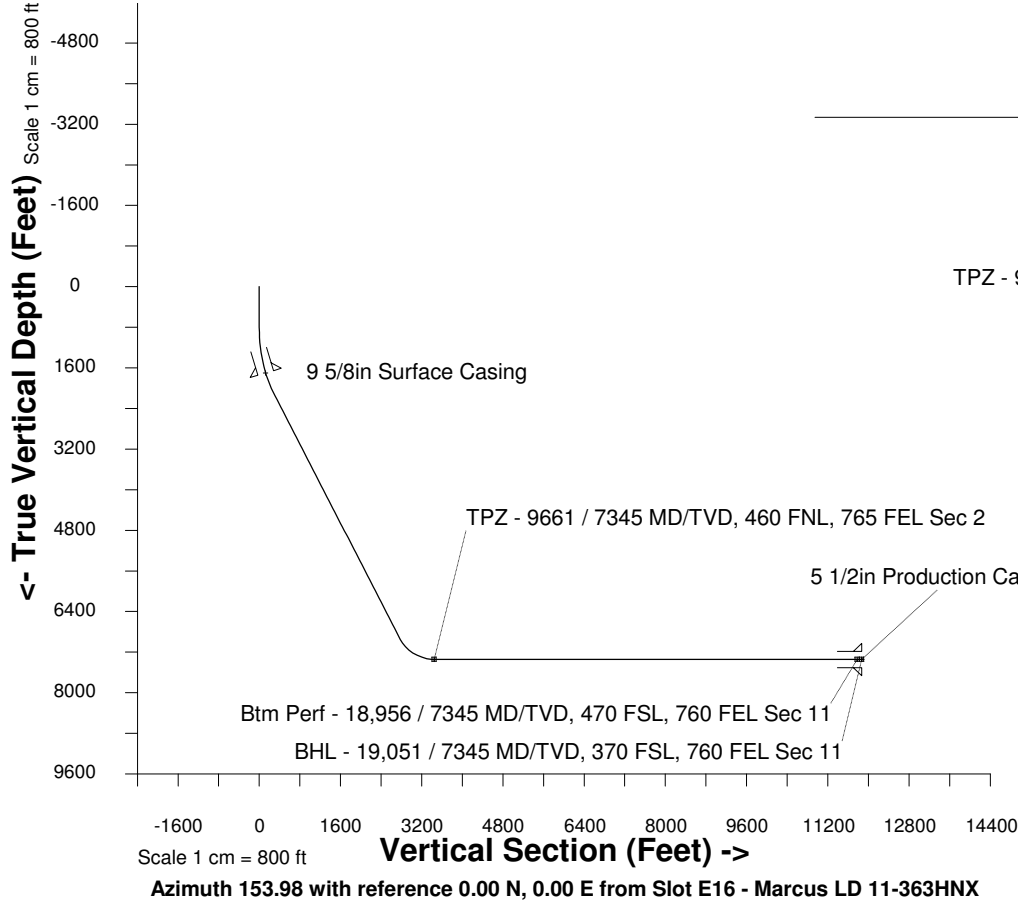
Slot Slot E16 - Marcus LD 11-363HNX
Well Marcus LD 11-363HNX
Wellbore Marcus LD 11-363HNX (PWB)

Created by admin
Date plotted 1-May-2017

Plot reference is Marcus LD 11-363HNX (PWB).
Ref wellpath is Marcus LD 11-363HNX (PWP#1).
Coordinates are in Feet reference Slot E16 - Marcus LD 11-363HNX.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5042.00 ft.
Plot North is aligned to TRUE North.



13-Dec-2014
IGRF Model [1900.0-2020.0] Dip: 66.58 deg Field: 52459.7 nT
Lat: N40 0 11.6388 Long: W104 52 6.9096 Elev: 5042.00 ft
Magnetic North is 8.50 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.50 deg



Scale 1 cm = 400 ft

East (Feet) ->

-2400 -1600 -800 0 800 1600 2400 3200 4000 4800 5600 6400 7200 8000

Sec 34, T1N, R67W

Sec 35, T1N, R67W

Sec 2 T1S, R67W

TPZ - 9661 / 7345 MD/TVD, 460 FNL, 765 FEL Sec 2

Sec 11, T1S, R67W

<- North(Feet)

Scale 1 cm = 450 ft

WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		0.00
KOP	800.00	0.00	98.15	800.00	S 0.00	W 0.00	0.00	0.00
End of Build	2214.49	42.43	98.15	2088.67	S 70.93	E 495.24	9.84	281.03
End of Hold	8814.25	42.43	98.15	6959.62	S 702.34	E 4903.43	0.00	2782.50
Target TPZ - ... Sec 2	9661.14	90.00	180.27	7345.00	S 1274.45	E 5249.77	32.81	3448.57
Target Btm Pe...Sec 11	18950.56	90.00	180.27	7345.00	S 10563.76	E 5206.61	0.00	11777.10
End of Turn	18956.03	90.00	179.99	7345.00	S 10569.24	E 5206.60	16.40	11782.01
T.D. & Target BHL... 11	19050.55	90.00	179.99	7345.00	S 10663.76	E 5206.61	0.00	11866.95

Btm Perf - 18,956 / 7345 MD/TVD, 470 FSL, 760 FEL Sec 11

BHL - 19,051 / 7345 MD/TVD, 370 FSL, 760 FEL Sec 11