

Mustang Fuel

WELL PROFILE DATA

Location	Kansas	Slot	Pihl 1-33H
Field	Sec 33 - 15S - 03W	Well	Pihl 1-33H
Installation	Sec 33 - 15S - 03W	Wellbore	Pihl 1-33H (PWB)

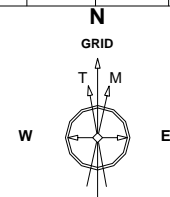
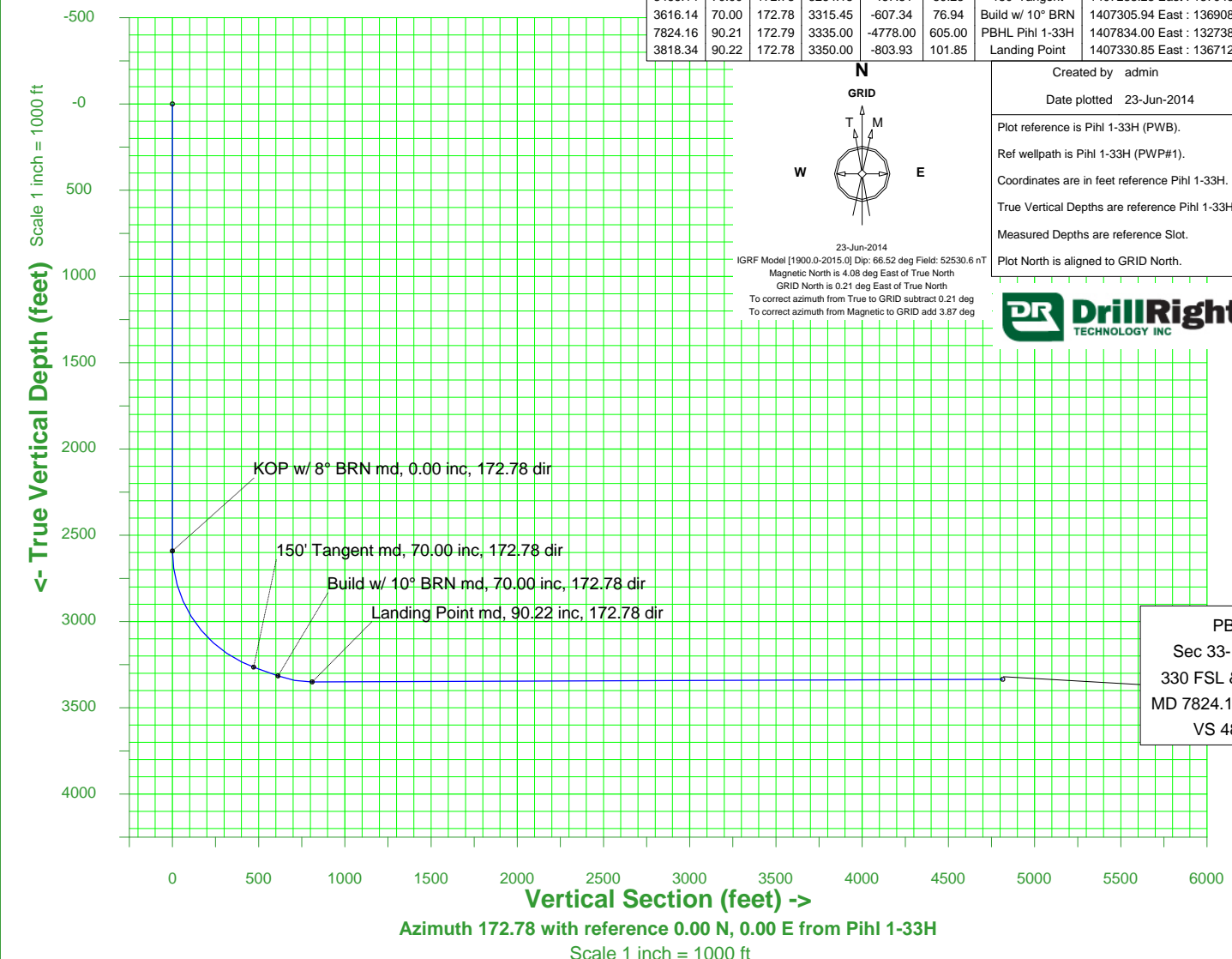
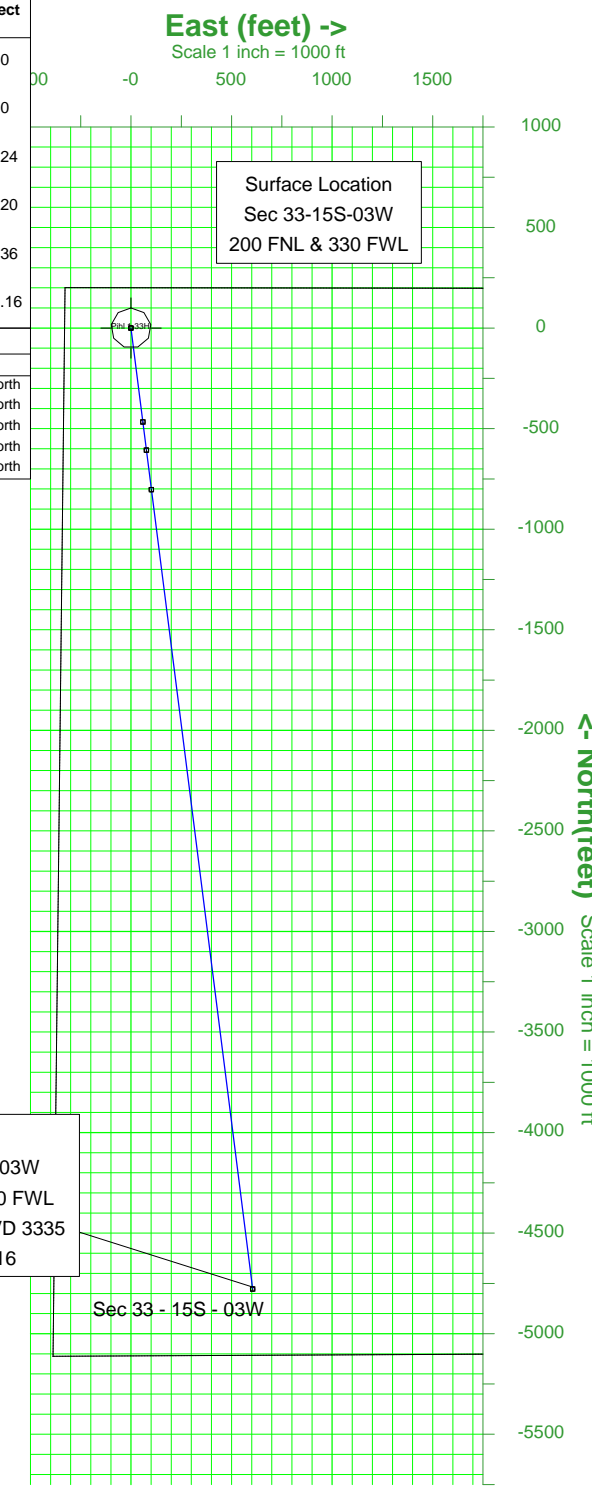
Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
KOP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Target KOP w/ 8° BRN	2591.14	0.00	172.78	2591.14	0.00	0.00	0.00	0.00
Target 150' Tangent	3466.14	70.00	172.78	3264.15	-467.51	59.23	8.00	471.24
Target Build w/ 10° BR	3616.14	70.00	172.78	3315.45	-607.34	76.94	0.00	612.20
Target Landing Point	3818.34	90.22	172.78	3350.00	-803.93	101.85	10.00	810.36
T.D. & Target PBHL Pihl	7824.16	90.21	172.79	3335.00	-4778.00	605.00	0.00	4816.16

Installation Data				
Name	Latitude	Longitude	Northing	Easting
Sec 33 - 15S - 03W	N38 42 39.55	W97 40 6.96	137717.00	1406901.00

Slot Data						
Name	North [ft]	East [ft]	Latitude	Longitude	Northing	Easting
Pihl 1-33H	-201.00 N	328.00 E	N38 42 37.55	W97 40 2.84	137516.00	1407229.00

Elevation Data		
Slot - Mean Sea Level [ft]	Mean Sea Level - Mudline/Ground level [ft]	Slot - Mudline/Ground level [ft]
1294.00	-1283.00	11.00

TARGET DATA							
MD	Inc	Azi	TVD	North	East	Name	Position
2591.14	0.00	172.78	2591.14	0.00	0.00	KOP w/ 8° BRN	1407229.00 East : 137516.00 North
3466.14	70.00	172.78	3264.15	-467.51	59.23	150' Tangent	1407288.23 East : 137048.49 North
3616.14	70.00	172.78	3315.45	-607.34	76.94	Build w/ 10° BRN	1407305.94 East : 136908.66 North
7824.16	90.21	172.79	3335.00	-4778.00	605.00	PBHL Pihl 1-33H	1407834.00 East : 132738.00 North
3818.34	90.22	172.78	3350.00	-803.93	101.85	Landing Point	1407330.85 East : 136712.07 North



23-Jun-2014
 IGRF Model [1900.0-2015.0] Dip: 66.52 deg Field: 52530.6 nT
 Magnetic North is 4.08 deg East of True North
 GRID North is 0.21 deg East of True North
 To correct azimuth from True to GRID subtract 0.21 deg
 To correct azimuth from Magnetic to GRID add 3.87 deg

Created by admin
 Date plotted 23-Jun-2014

Plot reference is Pihl 1-33H (PWB).
 Ref wellpath is Pihl 1-33H (PWP#1).
 Coordinates are in feet reference Pihl 1-33H.
 True Vertical Depths are reference Pihl 1-33H.
 Measured Depths are reference Slot.
 Plot North is aligned to GRID North.

PBHL
 Sec 33-15S-03W
 330 FSL & 990 FWL
 MD 7824.16 TVD 3335
 VS 4816.16