

Kellym
 10/13/2002
 Reference is PROPOSAL #1.
 Coordinates are in feet reference slot #1.
 True Vertical Depths are reference rotary table.
 Ihu35770
 --- Baker Hughes INTEQ ---

Marathon Oil Company

Structure : INDIAN HILLS UNIT #35				Slot : slot #1				
Field : INDIAN BASIN				Location : Eddy County New Mexico				
----- WELL PROFILE DATA -----								
Point -----	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	0.00	0.00	351.24	0.00	0.00	0.00	0.00	0.00
KOP	1990.00	0.00	351.24	1990.00	0.00	0.00	0.00	0.00
End of Build	2710.13	18.00	351.24	2698.34	110.90	-17.09	112.21	2.50
Target TOP OF UPPER PE	8148.04	18.00	351.24	7870.00	1772.00	-273.00	1792.91	0.00
T.D. & End of Drop	8552.52	18.00	351.24	8540.00	1987.18	-306.15	2010.62	0.00

KOP - 0.00 Inc, 1990.00 Md, 1990.00 Tvd, 0.00 Vs

2.50

7.50

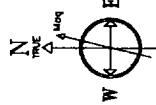
12.50 DLS: 2.50 deg per 100 ft

17.50

EOB/50H - 18.00 Inc, 2710.00 Md, 2698.21 Tvd, 112.17 Vs

End of Build - 18.00 Inc, 2710.13 Md, 2698.34 Tvd, 112.21 Vs

<- True Vertical Depth (feet)



16-Inch-2000 (surface record)

Magnetic North is 9.00 degrees East of TRUE North
To correct azimuth from Magnetic to TRUE add 9.00 deg

BOTTOM HOLE LOCATION
 2032.43' ON AZI 351.20 DEGS
 FROM SURFACE LOCATION
 M.D: 8875.00' T.V.D: 8554.98'
 N- 2008.49' W- 311.04'

TOP OF UPPER PENN - 18.00 Inc, 8148.04 Md, 7870.00 Tvd, 1792.91 Vs

T.D. & End of Drop - 18.00 Inc, 8552.52 Md, 8540.00 Tvd, 2010.62 Vs

Vertical Section (feet) -->

Azimuth 351.24 with reference 0.00 N, 0.00 E from slot #1

<- West (feet)

