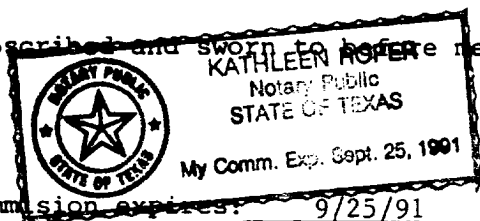


WELL NAME AND NUMBER State #13-1LOCATION Section 13, T-11-S, R-37-E 1720/N + 1980/WOPERATOR Union Pacific Resources Co.
North Central Oil Corp., 6901 Savoy, Suite 600, Houston, Texas 77036DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.75 @ 200'	1.00 @ 5,984'	1.50 @ 12,375'	
.75 @ 410'	1.00 @ 6,475'		
.25 @ 880'	.25 @ 6,969'		
.50 @ 1,420'	.50 @ 7,464'		
.75 @ 1,910'	.75 @ 7,980'		
1.25 @ 2,408'	.50 @ 8,500'		
1.50 @ 2,904'	.75 @ 8,880'		
.75 @ 3,240'	1.00 @ 9,374'		
1.00 @ 3,714'	.75 @ 10,839'		
3.00 @ 4,176'	2.25 @ 11,218'		
.75 @ 4,265'	1.00 @ 11,375'		
2.00 @ 4,410'	1.00 @ 11,594'		
.75 @ 4,520'	1.25 @ 11,780'		
.25 @ 4,970'	1.75 @ 12,134'		
.50 @ 5,480'	1.50 @ 12,324'		

Drilling Contractor TMBR/Sharp Drilling, Inc.By Grady Trotter
Grady Trotter, Drilling EngineerSubscribed and sworn to before me this 18th day of July, 19 90Kathleen Roper
Notary Public Kathleen RoperCommission expires: 9/25/91Midland County, Texas