The undersigned herby 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:

DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.25° @ 418'	1.00° @ 5,593'		
50° @ 817'	1.75° @ 5,992'		
1.00° @ 1.203'	1.00° @ 6,321'		
1.50° @ 1,407'			
1.00° @ 1,789'			
.75° @ 2,242'			
1.50° @ 2,550'			
1.50° @ 2,789'			
1.25° @ 3,004'			
1.50° @ 3,313'			
.75° @ 3,737'			
.50° @ 4,140'			
1.00° @ 4,513'			
.25° @ 4,855'			
.75° @ 5,256'			
Drilling Contractor TMBR/Sharp Drilling, Inc.			
	By Fuel Schwiening		
Fred Schwiening, Contract Coordinato			
Subscribed and suorn to be form this 14th day of June / 19 93			
KATHLEEN ROPER MY COMMISSION EXPIRES ALLOUNDER COMMISSION EXPIRES			
Oi maint	September 25, 1995	Notary F	Public Kathleen Roper
Commision expires	s: 9/25/95	Midland	County, <u>Texas</u>