1.25° @ 989'	.50° @ 5,125'		
1.75° @ 1,238'	.50° @ 5,621'		
1.75° @ 1,445	1.00° @ 6,122'		
1.50° @ 1,633	1.50° @ 6.686'		
1.00° @ 1,820'	1.50° @ 7,216'		
1.25° @ 2,020'	1.00° @ 7.716'		
1.25° @ 2,217'	1.25° @ 8,211'		
1.00° @ 2,393'	.75° @ 8,710'		
1.50° @ 2,617'	1.00° @ 9.240'		
1.50° @ 2,831'	.75° @ 9.762'		
2.00° @ 3,051'	1,25° @ 10,223'		
Drilling Contractor TMBR/Sharp Drilling, Inc.			
By Ill Phillips			
Jeff Phillips, VP Production Subscribed and sworn to before me this 7th day of January ,19 98			
KATHLEEN ROPER Kathton Poer			
	AY COMMISSION EXPIRES September 25, 1999	Notary Pub	olid Kathleen Roper

Midland

County, Texas

9/25/99

Commision expires: