

WELL NAME AND NUMBER Diaga 18 Federal #1 Unit 1
LOCATION Section 18, T-24-S. R-32-E, Lea County, New Mexico 1980/5 & 1980/6
OPERATOR Pogo Producing Co., P.O. Box 10340, Midland, Texas 79702-7340 3D-025-33626
DRILLING 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:

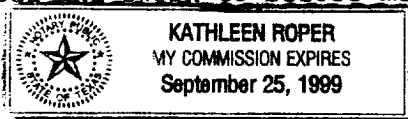
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.50° @ 112'	.75° @ 3,601'		
.50° @ 225'	1.75° @ 3,915'		
1.75° @ 438'	2.75° @ 4,225'		
1.25° @ 600'	2.25° @ 4,384'		
.50° @ 883'	2.25° @ 4,507'		
1.00° @ 1,093'	2.00° @ 4,734'		
.25° @ 1,340'	1.25° @ 5,143'		
.75° @ 1,620'	1.00° @ 6,029'		
.75° @ 2,024'	1.00° @ 6,522'		
.75° @ 2,272'	1.25° @ 6,982'		
.75° @ 2,517'	.75° @ 7,456'		
1.50° @ 2,764'	1.50° @ 7,914'		
2.25° @ 2,979'	1.50° @ 8,412'		
1.75° @ 3,091'			
.50° @ 3,351'			

CONFIDENTIAL

Drilling Contractor TMBR/Sharp Drilling, Inc.

By J. Phillips
Jeff Phillips, Engineering Manager

Subscribed and sworn to before me this 3rd day of December, 19 96



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas