

WELL NAME AND NUMBER WBR Federal #7 K-1980/S & 2310/W
LOCATION Section 13, T-22-s, R-32-E, Lea County, New Mexico 30-025-35722
OPERATOR Pogo Producing Co., P.O. Drawer 10340, Midland, Texas 79702
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 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:

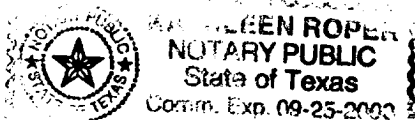
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.75 @ 288'	3.75 @ 3,743'	1.75 @ 6,835'	
.75 @ 557'	4.00 @ 3,800'	1.50 @ 7,370'	
.75 @ 994'	4.00 @ 3,869'	.75 @ 7,843'	
.50 @ 1,262'	4.00 @ 3,989'	.75 @ 8,342'	
.50 @ 1,607'	5.25 @ 4,056'	.75 @ 8,814'	
.50 @ 1,955'	4.70 @ 4,122'	2.25 @ 9,314'	
.75 @ 2,109'	4.00 @ 4,185'	2.00 @ 9,412'	
.50 @ 2,267'	3.60 @ 4,348'	2.75 @ 9,568'	
1.00 @ 2,771'	2.90 @ 4,435'	1.50 @ 9,661'	
1.50 @ 2,991'	2.60 @ 4,620'	1.75 @ 10,150'	
2.00 @ 3,208'	2.50 @ 4,835'		
2.00 @ 3,395'	2.75 @ 5,087'		
2.50 @ 3,494'	2.25 @ 5,243'		
3.75 @ 3,585'	2.00 @ 5,460'		
3.75 @ 3,677'	1.75 @ 6,335'		

Drilling Contractor TMBR/Sharp Drilling, Inc.

By

Jeffrey D. Phillips, President

Subscribed and sworn to before me this 11 day of September 2002



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/03 Midland County, Texas

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