

WELL NAME AND NUMBER Covington A Fed. #20 Unit I 1650/S & 330/E
 LOCATION Section 26, T-28-S, R-32-E. Lea County, New Mexico 30-025-35898
 OPERATOR Pogo Producing Co., P.O. Box 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:

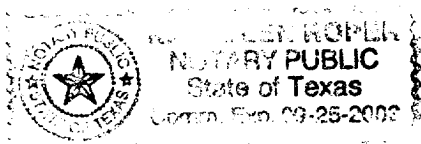
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.25 @ 333'	1.00 @ 4,136'		
.25 @ 588'	.75 @ 4,385'		
.25 @ 839'	1.50 @ 4,649'		
.25 @ 1,095'	.75 @ 4,850'		
.50 @ 1,349'	.75 @ 5,100'		
.75 @ 1,662'	.75 @ 5,601'		
.50 @ 1,943'	.75 @ 6,101'		
1.00 @ 2,155'	.75 @ 6,601'		
.50 @ 2,407'	.75 @ 7,103'		
.75 @ 2,631'	.75 @ 7,610'		
1.00 @ 2,881'	.75 @ 8,110'		
1.00 @ 3,136'	2.00 @ 8,610'		
.75 @ 3,386'	1.25 @ 8,891'		
1.00 @ 3,635'			
.75 @ 3,889'			

CONFIDENTIAL

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeffrey D. Phillips, President

Subscribed and sworn to before me this 3rd day of June, 2002



Kathleen Roper
 Notary Public Kathleen Roper

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

KR