

RECEIVED

WELL NAME AND NUMBER Shugart "6" Federal Com #1

LOCATION Section 6, T-18-S, R-31-E, Eddy County, New Mexico

OPERATOR Pogo Producing Co., P.O. Box 10340, Midland, Texas 79702

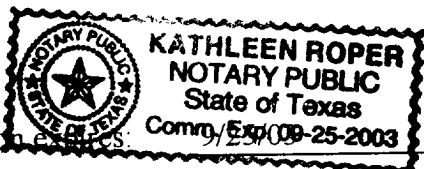
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 79702

SEP 20 2000

MIDLAND

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
1.25 @ 244'	2.00 @ 2,842'	3.25 @ 5,067'	.50 @ 6,389'
2.25 @ 540'	2.00 @ 2,937'	3.00 @ 5,195'	1.50 @ 6,514'
1.00 @ 743'	2.00 @ 3,061'	3.00 @ 5,291'	.75 @ 6,608'
2.00 @ 869'	1.75 @ 3,184'	4.50 @ 5,542'	.75 @ 6,733'
1.00 @ 1,057'	1.50 @ 3,315'	4.25 @ 5,565'	1.75 @ 6,859'
1.50 @ 1,182'	2.25 @ 3,405'	4.50 @ 5,573'	1.75 @ 6,951'
.75 @ 1,338'	2.00 @ 3,527'	4.75 @ 5,604'	2.00 @ 7,046'
1.75 @ 1,589'	1.25 @ 3,621'	3.50 @ 5,628'	2.00 @ 7,139'
1.75 @ 1,748'	1.75 @ 3,814'	3.00 @ 5,691'	2.50 @ 7,233'
1.50 @ 2,061'	2.25 @ 4,125'	2.75 @ 5,754'	2.25 @ 7,324'
1.50 @ 2,186'	2.25 @ 4,220'	2.25 @ 5,818'	2.75 @ 7,422'
.50 @ 2,343'	2.50 @ 4,314'	1.75 @ 5,881'	2.75 @ 7,516'
1.25 @ 2,469'	2.00 @ 4,472'	.50 @ 5,944'	2.25 @ 7,705'
1.50 @ 2,591'	1.50 @ 4,596'	.50 @ 6,138'	1.75 @ 7,862'
1.75 @ 2,716'	3.25 @ 4,846'	.75 @ 6,258'	1.75 @ 7,987'

Drilling Contractor TMBR/Sharp Drilling, Inc.By Jeffrey D. Phillips
Jeffrey D. Phillips, Vice PresidentSubscribed and sworn to before me this 17th day of September 2000

Kathleen Roper
Notary Public Kathleen Roper

Commission Expires: 09-25-2003

Midland County, Texas

CONFIDENTIAL


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:

[illegible]

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeffrey D. Phillips
Jeffrey D. Phillips, Vice President

Subscribed and sworn to before me this 17th day of September 2000

 **KATHLEEN ROPER**
NOTARY PUBLIC
State of Texas
Comm. Exp. 09-25-2003
9/25/03

Commission expires: 9/25/03

Kathleen Roper
Notary Public Kathleen Roper

Midland County, Texas