

WELL NAME AND NUMBER Bradley "13" Federal #1

LOCATION Section 13, T-25-S, R-29-E, Eddy County, New Mexico

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

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
<u>.75° @ 150'</u>	<u>1.75° @ 2,246'</u>	<u>1.00° @ 5,623'</u>	<u>RECEIVED</u>
<u>.25° @ 350'</u>	<u>2.00° @ 2,400'</u>	<u>1.00° @ 6,500'</u>	<u>JUL 30 1997</u>
<u>.50° @ 450'</u>	<u>2.00° @ 2,595'</u>		<u>OIL CON. DIV.</u>
<u>.50° @ 569'</u>	<u>1.50° @ 2,796'</u>		
<u>1.00° @ 615'</u>	<u>.75° @ 2,949'</u>		
<u>1.00° @ 699'</u>	<u>.75° @ 3,100'</u>		
<u>1.25° @ 837'</u>	<u>1.50° @ 3,277'</u>		
<u>1.50° @ 993'</u>	<u>1.00° @ 3,465'</u>		
<u>1.00° @ 1,098'</u>	<u>.25° @ 3,650'</u>		
<u>1.00° @ 1,254'</u>	<u>.75° @ 3,901'</u>		
<u>1.00° @ 1,409'</u>	<u>.25° @ 4,117'</u>		
<u>1.00° @ 1,565'</u>	<u>.75° @ 4,368'</u>		
<u>1.25° @ 1,783'</u>	<u>1.00° @ 4,737'</u>		
<u>1.25° @ 1,905'</u>	<u>1.00° @ 4,984'</u>		
<u>1.50° @ 2,059'</u>	<u>.75° @ 5,205'</u>		

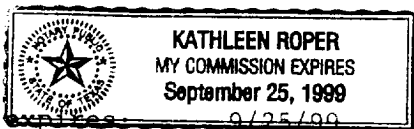
Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeff Phillips
Jeff Phillips, Engineering Manager

Subscribed and sworn to before me this 22nd day of April, 1997

Kathleen Roper
Notary Public Kathleen Roper

Commission Expires 9/25/00



Midland County, Texas