

WELL NAME AND NUMBER _____ State G No. 4 Unit 5 3D 025-32250
121/S + 1650/W
LOCATION Section 5, T-21-S, R-36-E, Lea County, New Mexico
OPERATOR ARCO Oil & Gas Company, 600 N. Marienfeld, Midland, Texas 79701
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:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>.75° @ 402'</u>	<u>2.50° @ 3,375'</u>	_____	_____
<u>.50° @ 698'</u>	<u>2.25° @ 3,489'</u>	_____	_____
<u>.25° @ 1,020'</u>	<u>2.00° @ 3,700'</u>	_____	_____
<u>.50° @ 1,328'</u>	_____	_____	_____
<u>1.25° @ 1,625'</u>	_____	_____	_____
<u>1.25° @ 1,936'</u>	_____	_____	_____
<u>1.75° @ 2,347'</u>	_____	_____	_____
<u>2.75° @ 2,629'</u>	_____	_____	_____
<u>3.25° @ 2,723'</u>	_____	_____	_____
<u>2.75° @ 2,785'</u>	_____	_____	_____
<u>3.00° @ 2,870'</u>	_____	_____	_____
<u>2.75° @ 2,971'</u>	_____	_____	_____
<u>2.50° @ 3,054'</u>	_____	_____	_____
<u>2.75° @ 3,179'</u>	_____	_____	_____
<u>3.00° @ 3,273'</u>	_____	_____	_____

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Fred Schwiening
Fred Schwiening, Contract Coordinator
day of October, 1993

Subscribed and sworn to before me this 18th



KATHLEEN ROPER
MY COMMISSION EXPIRES
September 25, 1995

Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/95

Midland County, Texas