

WELL NAME AND NUMBER Rig #4 Rae #1

May - 6 1982

LOCATION Section 23 T11S, R32E Lea County New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Alpha 21

DRILLING CONTRACTOR McVay Drilling Company

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>1/2 248</u>	<u>1-1/4 7,661</u>	<u> </u>
<u>1 425</u>	<u>1-3/4 8,662</u>	<u> </u>
<u>1/4 730</u>	<u>1-1/2 9,160</u>	<u> </u>
<u>1/4 1,300</u>	<u>1-3/4 9,658</u>	<u> </u>
<u>1/4 1,818</u>	<u>3 9,713</u>	<u> </u>
<u>1/4 2,315</u>	<u>2 10,218</u>	<u> </u>
<u>1 2,828</u>	<u>3-1/4 10,675</u>	<u> </u>
<u>1 3,437</u>	<u> </u>	<u> </u>
<u>1/2 3,908</u>	<u> </u>	<u> </u>
<u>3/4 4,406</u>	<u> </u>	<u> </u>
<u>1/2 4,967</u>	<u> </u>	<u> </u>
<u>1 5,617</u>	<u> </u>	<u> </u>
<u>1 6,116</u>	<u> </u>	<u> </u>
<u>1 6,677</u>	<u> </u>	<u> </u>
<u>1-1/2 7,031</u>	<u> </u>	<u> </u>

Drilling Contractor McVay Drilling Company

By: Joe Flynn Jr.

Subscribed and sworn to before me this 4th day of May, 1982

Phyllis Courtwright
Notary Public

My Commission Expires: January 7, 1984

Lea County New Mexico

RECEIVED

AUG 30 1982

O.C.D.
HOESS OFFICE