

WELL NAME AND NUMBER Rig #4 Patriot AIZ Comm #1LOCATION Section 20, T19S, R25E, Eddy County
(Give Unit, Section, Township and Range)

RECEIVED

DEC 30 1991

OPERATOR Yates Petroleum CorporationO.C.D.
ARTESIA OFFICEDRILLING 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>1 464</u>	<u>1-3/4 4,170</u>	<u>3 1/2 5,553</u>
<u>1 761</u>	<u>1-3/4 4,287</u>	<u>3 1/4 5,646</u>
<u>3 1,086</u>	<u>2 1/2 4,419</u>	<u>3 5,800</u>
<u>2 1/2 1,315</u>	<u>2-3/4 4,502</u>	<u>3 1/4 5,985</u>
<u>2 1/2 1,472</u>	<u>2-3/4 4,595</u>	<u>2 1/2 6,171</u>
<u>2 1/2 1,784</u>	<u>2-3/4 4,688</u>	<u>3 1/4 6,486</u>
<u>2 1/2 2,093</u>	<u>3 4,782</u>	<u>2 1/2 6,601</u>
<u>2 1/2 2,402</u>	<u>3 4,873</u>	<u>2-3/4 6,911</u>
<u>2 1/4 2,775</u>	<u>3 1/4 4,966</u>	<u>1-3/4 7,255</u>
<u>2 2,846</u>	<u>3 1/2 5,059</u>	<u>1/2 7,701</u>
<u>2 3,145</u>	<u>3 1/2 5,153</u>	<u>1 1/4 8,095</u>
<u>1-3/4 3,455</u>	<u>3 1/2 5,198</u>	<u>1 1/2 8,230</u>
<u>1 1/2 3,701</u>	<u>3-3/4 5,276</u>	
<u>1 3,886</u>	<u>3-3/4 5,396</u>	
<u>1 1/2 4,041</u>	<u>3 1/2 5,462</u>	

Drilling Contractor McVay Drilling CompanyBy: Joe Hlyan Jr.Subscribed and sworn to before me this 24th day of December, 19 91Richard J. Courtright
Notary PublicMy Commision Expires: 12/27/91Lea County New Mexico