

WELL NAME AND NUMBER Pennzoil Federal #1

LOCATION 1980/N&W Section 32, T20S, R29E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Co.

DRILLING CONTRACTOR MORANCO

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 and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/2 150</u>	<u>1 5220</u>	<u>3/4 10,540</u>	<u></u>
<u>3/4 360</u>	<u>1 5720</u>	<u>3/4 11,050</u>	<u></u>
<u>1/2 682</u>	<u>1 6238</u>	<u>1 11,360</u>	<u></u>
<u>1 800</u>	<u>1 6712</u>	<u>1 11,865</u>	<u></u>
<u>1 1/2 1300</u>	<u>3/4 7138</u>	<u>1 12,050</u>	<u></u>
<u>1 1821</u>	<u>1/2 7816</u>	<u></u>	<u></u>
<u>1 2298</u>	<u>3/4 8322</u>	<u></u>	<u></u>
<u>1 1/4 2800</u>	<u>3/4 8825</u>	<u></u>	<u></u>
<u>1/2 3210</u>	<u>1 1/4 9175</u>	<div>RECEIVED</div> <div>FEB 16 1977</div> <div>O. C. C.</div> <div>ARTESIA, OFFICE</div>	
<u>1 3685</u>	<u>1 1/4 9680</u>		
<u>3/4 4280</u>	<u>3/4 9850</u>		
<u>1 4725</u>	<u>3/4 10,246</u>		

Drilling Contractor MORANCO

By Jerry Gilbert
Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 3th day of April 1976

My Commission expires:

April 1, 1978

Samuel Summey
Notary Public
Lea County, New Mexico