

WELL NAME AND NUMBER Big Boggy State No. 1-Y

LOCATION 990/S 2080/E Section 36, T17S, R26E Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Harvey E. Yates Company, Inc.

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>Started operation at 1375'</u>			
<u>1 1658</u>	<u>2 6534</u>		
<u>1 3/4 2137</u>	<u>2 1/4 7022</u>		
<u>1 1/4 2471</u>	<u>1 1/4 7699</u>		
<u>1 1/4 3000</u>	<u>1 1/4 8136</u>		
<u>1 3/4 3484</u>	<u>1 8800</u>		
<u>2 1/4 4009</u>	<u>1 1/2 9185</u>		
<u>1 3/4 4577</u>			
<u>1 3/4 4709</u>			
<u>2 5246</u>			
<u>2 5734</u>			
<u>2 6039</u>			

Drilling Contractor MORANCO

By K. D. McPeters
K. D. McPeters, Vice President

Subscribed and sworn to before me this 15th day of March 19 77

My Commission expires:

April 1, 1978

Gayne Luriney
Notary Public
Lea County, New Mexico