

WELL NAME AND NUMBER 1001 - Shamu #1

LOCATION 990 FNL, 990 FEL, Section 12, Township 20 South, Range 37 East, Lea Co., NM
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Morris R. Antweil

DRILLING CONTRACTOR MORANCO Drilling

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>3/4 408</u>	<u>1/4 5,387</u>		
<u>3/4 856</u>	<u>3/4 5,925</u>		
<u>1/4 1,358</u>	<u>1/4 6,426</u>		
<u>3/4 1,500</u>	<u>3/4 6,958</u>		
<u>3/4 1,955</u>	<u>3/4 7,230</u>		
<u>1/2 2,425</u>	<u>3/4 7,500</u>		
<u>1/4 2,977</u>			
<u>1/4 3,447</u>			
<u>1 1/2 3,948</u>			
<u>1 1/4 4,230</u>			
<u>1/2 4,542</u>			
<u>3/4 4,887</u>			

Drilling Contractor MORANCO Drilling

By Wiley Gilmore
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 11th day of October 1982

My Commission expires:

July 14, 1986

Kathy E. Sleeker
Notary Public Kathy E. Sleeker
Lea County, New Mexico