

WELL NAME AND NUMBER EMPIRE 33 STATE CO. No. 1

LOCATION SECTION 33, T-17-S, R-28-E, EDDY COUNTY, NEW MEXICO
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR ATLANTIC RICHFIELD COMPANY

DRILLING CONTRACTOR SHARP DRILLING CO. INC.

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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/2 338</u>	<u>2 1/2 4840</u>	<u>3/4 7267</u>	<u>1 1/4 10490</u>
<u>1 458</u>	<u>1 3/4 5075</u>	<u>3/4 7340</u>	
<u>3/4 690</u>	<u>3 1/2 5325</u>	<u>1 1/4 7600</u>	
<u>3/4 1173</u>	<u>3 1/2 5419</u>	<u>2 3/4 7859</u>	
<u>1 1/4 1642</u>	<u>3 3/4 5576</u>	<u>2 3/4 8100</u>	
<u>2 2120</u>	<u>3 1/2 5639</u>	<u>3 8204</u>	
<u>1 1/2 2473</u>	<u>3 5733</u>	<u>3 1/4 8362</u>	
<u>1 1/4 2920</u>	<u>3 5826</u>	<u>2 1/4 8582</u>	
<u>1 1/4 3388</u>	<u>3 5983</u>	<u>2 1/4 8755</u>	
<u>1 3/4 3670</u>	<u>2 3/4 6137</u>	<u>2 1/4 8990</u>	
<u>3/4 3916</u>	<u>2 3/4 6294</u>	<u>2 1/4 9115</u>	
<u>1 1/4 4167</u>	<u>1 3/4 6534</u>	<u>1 1/2 9558</u>	
<u>2 4418</u>	<u>1 1/4 6890</u>	<u>1 3/4 10015</u>	
<u>2 4605</u>	<u>1 7030</u>	<u>1 10290</u>	

Drilling Contractor SHARP DRILLING CO. INC.

By R. E. Cross Jr.
R. E. CROSS JR.

Subscribed and sworn to before me this 9TH day of NOVEMBER 19 76

Chas. Buchanan
Notary Public

My Commission Expires:

JUNE 1, 1977

MIDLAND County, TEXAS