

WELL NAME AND NUMBER NM State 27-1

LOCATION Section 27, T16S, R35E
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Discovery Operating, Inc.

DRILLING CONTRACTOR MORANCO Drilling, 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:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 222</u>	<u>3/4 4424</u>	<u>1 1/4 6939</u>	<u>1 10517</u>
<u>1 435</u>	<u>1/2 4825</u>	<u>1 1/4 7175</u>	<u>1 1/4 10833</u>
<u>1 770</u>	<u>1/4 5133</u>	<u>1 1/4 7471</u>	<u>1 3/4 11144</u>
<u>3/4 1188</u>	<u>2 1/2 5506</u>	<u>1 7779</u>	<u>1 3/4 11536</u>
<u>1 1455</u>	<u>1 3/4 5597</u>	<u>1 1/2 8060</u>	<u>1 1/4 11829</u>
<u>1 1796</u>	<u>2 5691</u>	<u>1 1/4 8371</u>	<u>1 12062</u>
<u>3/4 2136</u>	<u>1 3/4 5786</u>	<u>1 1/4 8653</u>	<u>1 12515</u>
<u>1/4 2476</u>	<u>2 5911</u>	<u>1 1/2 8961</u>	<u>1 1/2 13022</u>
<u>1 1/4 2811</u>	<u>1 3/4 6037</u>	<u>1 9366</u>	
<u>1 1/2 3165</u>	<u>1 1/2 6286</u>	<u>1 1/2 9742</u>	
<u>3/4 3490</u>	<u>1 1/4 6441</u>	<u>2 10082</u>	
<u>1/2 3925</u>	<u>1 1/4 6691</u>	<u>1 3/4 10269</u>	

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 22nd day of May 1984

My Commission expires:

10-25-87

Judith A. Liuzza
Notary Public Judith A. Liuzza
Lea County, New Mexico