

WELL NAME AND NUMBER 302 - Cooper #1

LOCATION Section 2, T17S, R38E, Lea County, New Mexico

(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Discovery Operating

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 1/2 161</u>	<u>1 1/4 4942</u>	<u>3 1/2 9408</u>	<u> </u>
<u>1 1/4 548</u>	<u>1/4 5442</u>	<u>3 1/4 9815</u>	<u> </u>
<u>2 1051</u>	<u>1 1/4 5939</u>	<u>3 10218</u>	<u> </u>
<u>1 1/4 1459</u>	<u>1 6284</u>	<u>3 1/2 10374</u>	<u> </u>
<u>1 3/4 2149</u>	<u>2 6780</u>	<u>4 10625</u>	<u> </u>
<u>1 3/4 2365</u>	<u>4 1/4 7075</u>	<u>3 1/2 10670</u>	<u> </u>
<u>1 2805</u>	<u>3 7375</u>	<u>3 10930</u>	<u> </u>
<u>2 3/4 3118</u>	<u>2 3/4 7759</u>	<u>2 1/2 11170</u>	<u> </u>
<u>1 1/4 3652</u>	<u>2 1/2 8100</u>	<u>1 11501</u>	<u> </u>
<u>2 1/4 4144</u>	<u>2 1/2 8381</u>	<u>1 3/4 11922</u>	<u> </u>
<u>1 4333</u>	<u>2 3/4 8620</u>	<u>4 1/4 12450</u>	<u> </u>
<u>1 3/4 4800</u>	<u>3 9005</u>	<u>4 1/4 12525</u>	<u> </u>

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore - Marketing Manager

Subscribed and sworn to before me this 17th day of May 1983

My Commission expires:

11-8-86

Mary A. Crow
Notary Public Mary A. Crow
Lea County, New Mexico