

WELL NAME AND NUMBER Phillips State No. 1

LOCATION 660/N & E Section 35, T12S, R36E, Lea County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

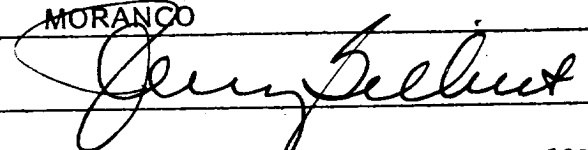
OPERATOR Hilliard Oil and Gas, Inc.

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>1/4 162</u>	<u>1/2 4818</u>	<u>1 1/4 10,003</u>	<u> </u>
<u>1/2 435</u>	<u>1/2 5210</u>	<u>3/4 10,501</u>	<u> </u>
<u>1 678</u>	<u>1/2 5409</u>	<u>1 11,003</u>	<u> </u>
<u>1 1186</u>	<u>1/4 5909</u>	<u>1 11,006</u>	<u> </u>
<u>3/4 1470</u>	<u>1/2 6411</u>	<u>1 1/4 11,513</u>	<u> </u>
<u>3/4 1975</u>	<u>1/2 6946</u>	<u>3/4 11,982</u>	<u> </u>
<u>3/4 2479</u>	<u>3/4 7430</u>	<u>3/4 12,502</u>	<u> </u>
<u>3/4 2980</u>	<u>3/4 7720</u>	<u>1 13,002</u>	<u> </u>
<u>3/4 3293</u>	<u>3/4 8039</u>	<u>2 13,361</u>	<u> </u>
<u>1/2 3721</u>	<u>1 8543</u>	<u>2 3/4 13,593</u>	<u> </u>
<u>1/4 4075</u>	<u>1 9049</u>	<u>3 1/2 13,939</u>	<u> </u>
<u>1/2 4540</u>	<u>1 3/4 9554</u>	<u>3 1/2 14,081</u>	<u> </u>

Drilling Contractor MORANCO

By 

Subscribed and sworn to before me this 6th day of December 1977

My Commission expires:

April 1, 1978


Notary Public
Lea County, New Mexico

RECEIVED

APR 19 1979

OIL CONSERVATION COMM.
HOUSTON, TX