

WELL NAME AND NUMBER Mandy No. 1

LOCATION 1980/S & E Section 30, T20S, R27E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Hanagan Petroleum Corporation

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>3/4 101</u>	<u>2 1/2 5060</u>	<u>1 1/4 9975</u>	<u> </u>
<u>3/4 470</u>	<u>2 3/4 5360</u>	<u>1/2 10,554</u>	<u> </u>
<u>3/4 955</u>	<u>3 5709</u>	<u>1/2 10,680</u>	<u> </u>
<u>1 1457</u>	<u>2 5900</u>	<u> </u>	<u> </u>
<u>1/2 2000</u>	<u>2 1/2 6220</u>	<u> </u>	<u> </u>
<u>1 1/2 2440</u>	<u>2 1/2 6700</u>	<u> </u>	<u> </u>
<u>2 2940</u>	<u>2 7184</u>	<u> </u>	<u> </u>
<u>3 1/2 3401</u>	<u>2 1/4 7757</u>	<u> </u>	<u> </u>
<u>4 3684</u>	<u>2 8277</u>	<u> </u>	<u> </u>
<u>3 1/2 3939</u>	<u>2 8750</u>	<u> </u>	<u> </u>
<u>4 4311</u>	<u>2 9216</u>	<u> </u>	<u> </u>
<u>4 4667</u>	<u>1 3/4 9473</u>	<u> </u>	<u> </u>

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DEC 16 1977

O. C. C.
ARTESIA, OFFICE

Drilling Contractor MORANCO

By 

Subscribed and sworn to before me this 6th day of December 19 77

My Commission expires:

April 1, 1978


Notary Public
Lea County, New Mexico