

WELL NAME AND NUMBER Federal #2

LOCATION 1650/S 1800/W Section 22, T20S, R30E, Eddy County, New Mexico
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV.& TWP)

OPERATOR Elwyn C. Hale

DRILLING CONTRACTOR Moran Oil Producing & Drilling Corp.

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 @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 128</u>	<u>1 1844</u>	<u>1/2 7185</u>	<u> </u>
<u>3/4 230</u>	<u>1 3/4 2040</u>	<u>1 1/2 7943</u>	<u> </u>
<u>1 356</u>	<u>2 3/4 2575</u>	<u>1 1/2 8410</u>	<u> </u>
<u>3/4 418</u>	<u>1 3/4 2818</u>	<u>1 1/2 8922</u>	<u> </u>
<u>3/4 605</u>	<u>1 3/4 3015</u>	<u>1/2 9530</u>	<u> </u>
<u>3/4 761</u>	<u>1 3457</u>	<u>1 10,030</u>	<u> </u>
<u>1 3/4 918</u>	<u>1 3700</u>	<u>3/4 10,740</u>	<u> </u>
<u>2 1008</u>	<u>1 1/4 3945</u>	<u>1 11,010</u>	<u> </u>
<u>1 3/4 1074</u>	<u>1 4468</u>	<u>1 11,450</u>	<u> </u>
<u>1 1/2 1200</u>	<u>1 4745</u>	<u>1 12,195</u>	<u> </u>
<u>1 3/4 1294</u>	<u>1 1/4 5515</u>	<u>1 1/4 12,530</u>	<u> </u>
<u>1 1/2 1482</u>	<u>1 1/4 5995</u>	<u> </u>	<u> </u>
<u>1 1/2 1770</u>	<u>1/2 6700</u>	<u> </u>	<u> </u>

Drilling Contractor MORAN OIL PRODUCING & DRILLING CORP.

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JUN 28 1972
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

K. D. McPeters, Vice President

Subscribed and sworn to before me this 22nd day of March, 19 72

My Commission expires:
April 1, 1974

Rayne L. Lanning
Notary Public
Lea County, New Mexico

RECEIVED

JUN 29 1972

D. C. C.
ARTESIA, OFFICE