

WELL NAME AND NUMBER Federal #1

LOCATION 1980/W 963/N Section 3, T11S, R33E, Lea County, New Mexico  
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV.& TWP)

OPERATOR John L. Cox

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>1/4 175</u>	<u>1 6533</u>	<u>                    </u>	<u>                    </u>
<u>1 381</u>	<u>1 7021</u>	<u>                    </u>	<u>                    </u>
<u>1/2 850</u>	<u>1 7515</u>	<u>                    </u>	<u>                    </u>
<u>3/4 1365</u>	<u>1 1/4 7897</u>	<u>                    </u>	<u>                    </u>
<u>3/4 1870</u>	<u>1 1/2 8098</u>	<u>                    </u>	<u>                    </u>
<u>1 1/4 2385</u>	<u>1 3/4 8238</u>	<u>                    </u>	<u>                    </u>
<u>1 1/4 2860</u>	<u>1 1/2 8807</u>	<u>                    </u>	<u>                    </u>
<u>1 3332</u>	<u>1 1/2 9470</u>	<u>                    </u>	<u>                    </u>
<u>3/4 3775</u>	<u>1 3/4 10,144</u>	<u>                    </u>	<u>                    </u>
<u>1 1/4 4382</u>	<u>1 3/4 10,300</u>	<u>                    </u>	<u>                    </u>
<u>1/2 5016</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1/2 5527</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1 5977</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor MORAN OIL PRODUCING & DRILLING CORP.

By

K. D. McPeters, Vice President

Subscribed and sworn to before me this 23rd day of September, 1969

My Commission expires:  
April 1, 1970

Dwayne L. Luning  
Notary Public  
Lea County, New Mexico