

APR 14 1978

WELL NAME AND NUMBER Federal AB No. 5LOCATION 1980/S 660/W Section 21, T18S, R25E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)OPERATOR Yates 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>3/4 355</u>	<u>1 4549</u>	<u> </u>	<u> </u>
<u>1 618</u>	<u>3/4 5048</u>	<u> </u>	<u> </u>
<u>1 1100</u>	<u>3/4 5362</u>	<u> </u>	<u> </u>
<u>1 1375</u>	<u>3/4 5650</u>	<u> </u>	<u> </u>
<u>1 1/4 1757</u>	<u>1 6165</u>	<u> </u>	<u> </u>
<u>1 1/4 1917</u>	<u>1/2 6636</u>	<u> </u>	<u> </u>
<u>1 1/2 2142</u>	<u>1/2 7136</u>	<u> </u>	<u> </u>
<u>1 1/2 2331</u>	<u>3/4 7428</u>	<u> </u>	<u> </u>
<u>1 1/4 2793</u>	<u>3/4 7930</u>	<u> </u>	<u> </u>
<u>1 1/2 3295</u>	<u>1/2 8441</u>	<u> </u>	<u> </u>
<u>1 1/4 3500</u>	<u>1/4 8670</u>	<u> </u>	<u> </u>
<u>1 4056</u>	<u>1/2 8894</u>	<u> </u>	<u> </u>

Drilling Contractor MORANCOBy Jerry Gilbert

Jerry Gilbert, Drilling Engineer

Subscribed and sworn to before me this 13th day of April 19 78