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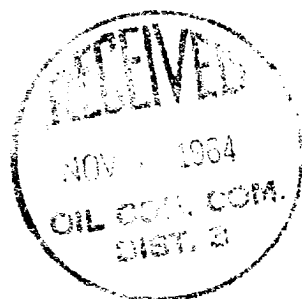
TO:

New Mexico Oil & Gas Conservation Commission

THIS IS TO CERTIFY THAT:

The following is a true and correct report of deviation tests made by
CIRCLE "A" DRILLING COMPANY during the drilling of PUBCO PETROLEUM
CORPORATION'S State Well No. 33, drilled in Unit N, Section 32,
Township 27 North, Range 9 West, San Juan County, New Mexico.

<u>Depth</u>	<u>Deviation</u>
315	1/4°
700	3/4°
994	1/4°
1,407	1/2°
1,490	3/4°
1,763	1/2°
2,162	1/4°
2,616	3/4°
3,179	3/4°
3,476	1/4°
3,649	1/2°
3,949	1/2°
4,349	1/2°
4,772	1°
5,012	3/4°
5,287	3/4°
5,698	3/4°
5,990	1/4°
6,417	1°
6,694	1 1/2°
6,920	1 1/2°



CIRCLE "A" DRILLING COMPANY

By: McNeman Walt

Title: Tankman

STATE OF NEW MEXICO)
COUNTY OF SAN JUAN)

I hereby certify that the above instrument was acknowledged before me
this Sixteenth day of October, 1964.

Ralph French
NOTARY PUBLIC

My commission expires:

My Commission Expires January 20, 1965