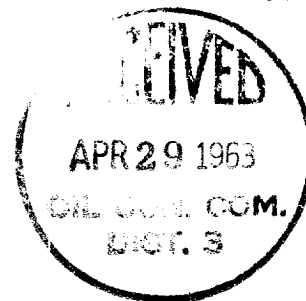


AMERADA PETROLEUM CORPORATION

P. O. BOX 1469
DURANGO, COLORADO

April 26, 1963

PHONE CH 7-5353-54



Mr. Emery C. Arnold
District Supervisor
New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Dear Sir:

We are listing below Totco Deviation Straight Hole tests run on Amerada Jicarilla Apache "F" Well No. 11, located in the NE/NE of Section 21, T25N, R5W, Rio Arriba County, New Mexico, in accordance with New Mexico Oil Conservation Commission Rule 111, which was made by order No. R-2308, dated August 28, 1962.

The subject well was spudded March 21, 1963, and drilled by Exeter Drilling Company, to a total depth of 7350' and completed in the Dakota Zone.

<u>TOTCO DEVIATIONS</u>	
<u>DEPTH</u>	<u>DEGREES</u>
200'	1/4
781'	1/2
1300'	3/4
1600'	1
2100'	3/4
2900'	3/4
3725'	1

<u>DEPTH</u>	<u>DEGREES</u>
4000'	3/4
4503'	3/4
5360'	3/4
6075'	1-3/4
6600'	1
7000'	1

This is to certify that the above Deviations were run by drillers of Exeter Drilling Company on the subject well, and are true and correct to the best of my knowledge and belief.

By _____
D. F. Purse

Title Production Foreman
Amerada Petroleum Corporation
Box 1469, Durango, Colorado

Subscribed and sworn to before me a Notary Public in and for said County of La Plata, in the State of Colorado,

26 day of April 1963.

My commission expires
September 15, 1964.

Lida Koshak
Lida Koshak