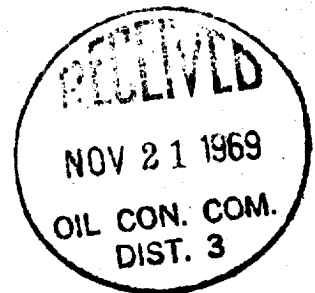


TABULATION OF DEVIATION TESTS
JICARILLA CONTRACT 155 NO. 21
PAN AMERICAN PETROLEUM CORPORATION

<u>DEPTH</u>	<u>DEVIATION</u>
220'	1/2°
662'	1/2°
1099'	3/4°
1505'	3/4°
1960'	3/4°
2474'	3/4°
2810'	1°



A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S Jicarilla Contract 155 No. 21, located 1100' FSL & 1610' FWL, Section 29, T-26-N, R-5-W, Rio Arriba County, New Mexico.

Signed L. R. Chism
Title Petroleum Engineer

THE STATE OF NEW MEXICO)
COUNTY OF SAN JUAN) SS.

BEFORE ME, the undersigned authority, on this day personally appeared L. R. Chism known to me to be Petroleum Engineer for Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 20th day of November, 1969.

Nancy Elaine Jones (York)
Notary Public

My Commission Expires: 7-20-1970