

TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
JICARILLA CONTRACT 148 NO. 16

DEPTH TEST RUN

DEGREES OFF

213'
614'
1006'
1483'
1872'
2280'
2310'
2793'
3111'
3510'
3735'
4060'
4250'

3/4°
1/2°
1/2°
1/2°
1°
1°
1°
1°
1°
3/4°
3/4°
1°
1-1/4°
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 tests taken on PAN AMERICAN PETROLEUM CORPORATION'S Jicarilla Contract 148 Well No. 16, Otero Chacra Field, located in the SE 1/4 of SE 1/4 of Section 14, T-25-N, R-5-W, Rio Arriba County, New Mexico.

Signed F. H. Hollingsworth
Petroleum Engineer

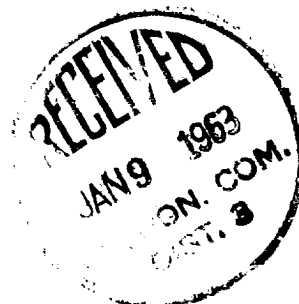
THE STATE OF NEW MEXICO }
COUNTY OF SAN JUAN } SS.

BEFORE ME, the undersigned authority, on this day personally appeared F. H. Hollingsworth 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 26th day of December, 1962.

S. K. Dutz
Notary Public

My Commission Expires February 27, 1965.



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TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
JICARILLA CONTRACT 148 NO. 15

DEPTH TEST RUN

DEGREES OFF

213'	1/2°
613'	1°
1004'	1-1/2°
1354'	1-1/4°
1769'	3/4°
2185'	1-1/4°
2400'	1-1/4°
2850'	1°
3150'	1-1/2°
3540'	1°
3625'	3/4°
4000'	1/2°

AFFIDAVIT

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on PAN AMERICAN PETROLEUM CORPORATION'S Jicarilla Contract 148 Well No. 15, Otero Chacra Field, located in the S 1/4 of SW 1/4 of Section 15, T-25-N, R-5-W, Rio Arriba County, New Mexico.

Signed F. H. Hollingsworth
Petroleum Engineer

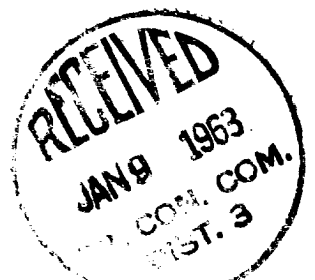
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SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this 26th day of December, 1962.

S. K. Dietz
Notary Public

My Commission Expires February 27, 1965.



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