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Zip Code 87401

THOMAS A. DUGAN

Registered Professional Engineer

709 BLOOMFIELD RD.
FARMINGTON, NEW MEXICO

TELEPHONE: 325-9184
Area Code 505

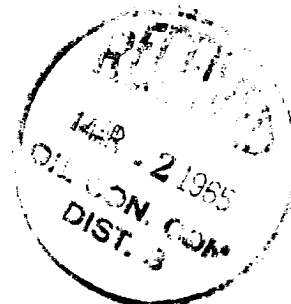
March 19, 1965

New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Astec, New Mexico

Re: Thomas A. Dugan
Horseshoe #280
990' fnl 990' fel Sec. 27, T31N, R16W
San Juan County, New Mexico

This is to certify that deviation tests were run on the above well and the following is a true report of those tests:

1/4°	at	637 feet
1°	at	1213 feet
3/4°	at	1660 feet



Jim L. Jacobs
Jim L. Jacobs

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 19th day of March, 1965.

My Comm. Exp. May 7, 1966

Harry M. Keadon
Notary Public

THOMAS A. DUGAN

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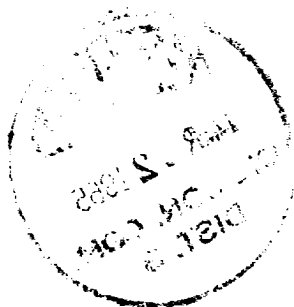
March 18, 1965

New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Albuquerque, New Mexico

Re: Thomas A. Dugan
Horsehoe #282
900' Int 990' Int Sec. 37, T21N, R12W
San Juan County, New Mexico

This is to certify that deviation tests were run on the above well and the following is a true report of those tests:

1 1/2"	at	637 feet
1"	at	1213 feet
3/4"	at	1660 feet



John L. Jacobs

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this _____ day of March, 1965.

Notary Public

My Comm. Expires May 2, 1966