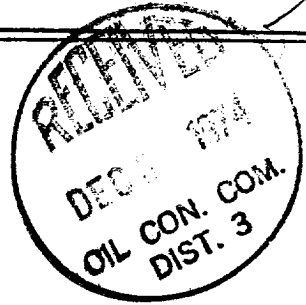


dugan production corp.



December 3, 1974

Mr. Emery C. Arnold
N. M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Walter Duncan
North Hogback 7 #4
2070' FNL - 740' FWL
Sec. 7, T29N, R16W
San Juan County, New Mexico

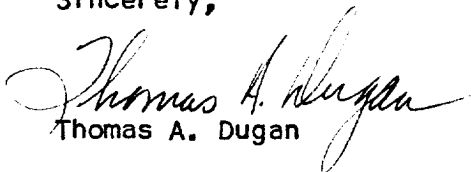
Dear Emery:

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

1/2° - 350'

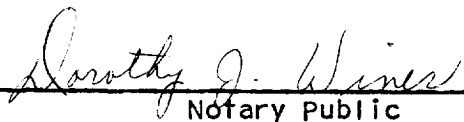
3/4° - 720'

Sincerely,


Thomas A. Dugan

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 4th day of December, 19 74.



Notary Public

My commission expires November 5, 1974.