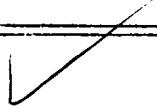


III
= d p =
III

dugan production corp.



July 18, 1977

N. M. Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Jerome P. McHugh
Chris #2
1450' FSL - 1850' FWL
Section 10, T27N, R3W
Rio Arriba County, New Mexico

TO WHOM IT MAY CONCERN:

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

3/4° @ 198'	1-3/4° @ 2566'	3/4° @ 4674'
1° @ 656'	1-3/4° @ 3048'	3/4° @ 5200'
1-1/4° @ 1270'	1-1/2° @ 3542'	1° @ 5753'
1-1/4° @ 2098'	1-1/2° @ 4060'	1/2° @ 6198'
	1° @ 4510'	

Sincerely,

Thomas A. Dugan

State of New Mexico) ss
County of San Juan)

Subscribed and sworn to before me this 18th day of July, 1977.

Notary Public

My commission expires November 5, 1978