

dugan production corp.

July 14, 1981

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

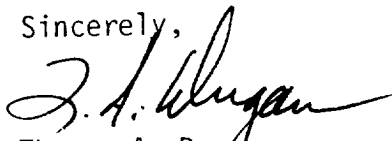
Re: Jerome P. McHugh
Nassau #3E
1580' FSL - 1700' FEL
Sec 23 T26N R11W
San Juan County, NM

Gentlemen:

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° at 229'	1/2° at 2434'	1° at 4761'
3/4° at 696'	1/2° at 2950'	1° at 5095'
3/4° at 1196'	3/4° at 3261'	1° at 5735'
3/4° at 1714'	1° at 4261'	1-1/4° at 6225'
1/2° at 2214'	1° at 4267'	1-1/2° at 6400'

Sincerely,


Thomas A. Dugan
Agent



State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this _____ day of _____ 19____.



OFFICIAL SEAL
FRANCES PERRIN
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires _____