

dugan production corp.

July 10, 1961

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

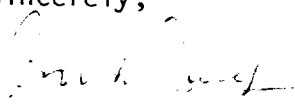
Re: Jerome P. McHugh
Hardie #5E
820' FNL - 1100' FEL
Sec 23 T28N R8W
San Juan County, NM

Gentlemen:

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

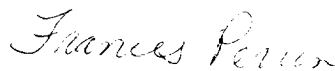
1/2° at 225'	2-1/4° at 2460'	1° at 5555'
3/4° at 723'	1° at 3522'	3/4° at 5937'
3/4° at 1222'	1° at 4055'	1° at 6455'
1° at 1725'	1° at 4544'	1-1/4° at 6963'
1-1/2° at 2235'	1° at 5044'	

Sincerely,


Jim L. Jacobs
Agent for Jerome P. McHugh

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 10th day of July 1961.





OFFICIAL SEAL
FRANCES PERRIN
NOTARY PUBLIC - NEW MEXICO
My Commission Expires 5-5-85