

dugan production corp.

May 14, 1981

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

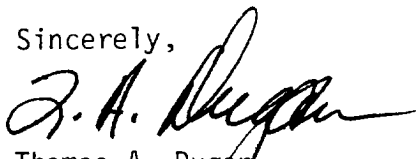
Re: Dugan Production Corp.
Elwood P. Dowd #2
910' FSL - 790' FEL
Sec 10 T24N R9W
San Juan County, NM

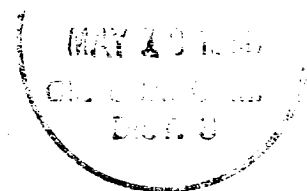
Gentlemen:

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

1 1/4° at 580'	1 ° at 3721'	1 ° at 5737'
1 1/4° at 1090'	1 ° at 3904'	1 ° at 5856'
1 ° at 2246'	1 1/4° at 4221'	1 1/2° at 6472'
3/4° at 2756'	1 1/4° at 4702'	
1 ° at 3220'	1 ° at 5275'	

Sincerely,


Thomas A. Dugan
Petroleum Engineer

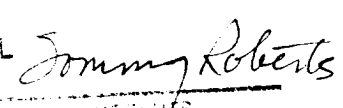


State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 14th day of May 19 81.



OFFICIAL SEAL


CLERK OF THE DISTRICT COURT
DISTRICT OF SAN JUAN COUNTY
New Mexico
My Commission Expires: 8-10-82