

dugan production corp.

May 29, 1986

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

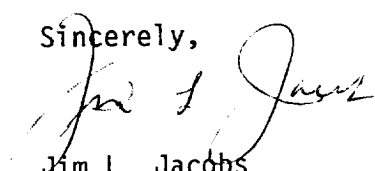
Re: DUGAN PRODUCTION CORP.
Ivy League #1
990' FNL - 900' FEL
Unit A, Sec.17,T24N,R9W,NMPM
San Juan County, NM

Gentlemen:

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

3/4° @ 229'	1° @ 3598'
1° @ 748'	1° @ 4114'
1-1/2° @ 1249'	1-1/4° @ 4617'
1° @ 1779'	1-1/4° @ 5115'
1/2° @ 2305'	1-1/4° @ 5677'
3/4° @ 2680'	3/4° @ 6239'
1° @ 3209'	1-1/2° @ 6429'

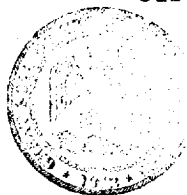
Sincerely,


Jim L. Jacobs

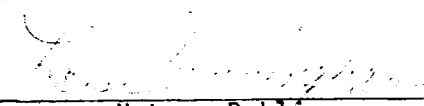
cg

State of New Mexico) ss
County of San Juan)

Subscribed and sworn to before me this 29th day of May, 19 86.



OFFICIAL SEAL
JOHN C. CUNNINGHAM
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 5/1/87


Notary Public