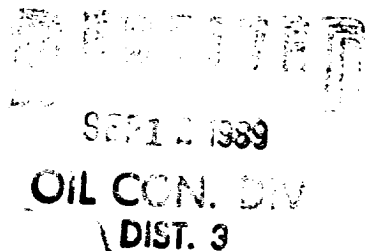


dugan production corp.

August 31, 1989

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

Re: DUGAN PRODUCTION CORP.
Calgary #5
1980' FSL & 660' FEL
Sec. 6, T23N, R10W, NMPM
San Juan County, NM

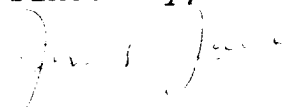


Gentlemen:

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° @ 222'	2° @ 2777'
1-1/4° @ 746'	2-1/2° @ 3243'
1-1/4° @ 1248'	2-1/2° @ 3772'
1/2° @ 1749'	1-1/4° @ 4302'
1-3/4° @ 2279'	1° @ 4660'

Sincerely,


Jim L. Jacobs

cg

State of New Mexico }
County of San Juan } ss

Subscribed and sworn to before me this 31st day of August, 1989.


Notary Public

My Commission Expires: August 11, 1992.