

dugan production corp.

December 1, 1989

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

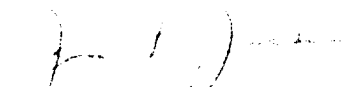
Re: Dugan Production Corp.
Flo-Jo #1
660' FNL & 330' FEL
Sec. 1, T23N, R11W, NMPM
San Juan County, NM

Gentlemen:

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

1/4° @ 189'	1-1/2° @ 2894'
1/2° @ 682'	3/4° @ 3395'
1° @ 1207'	1° @ 3894'
1-1/2° @ 1710'	1-1/4° @ 4390'
1-1/2° @ 2211'	1-1/2° @ 4639'

Sincerely,


Jim L. Jacobs

cg

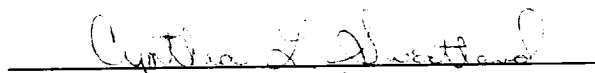
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DEC 04 1989

CON. DIV.
DIST. 3

State of New Mexico)
ss
County of San Juan)

Subscribed and sworn to before me this 1st day of December,
1989.


Notary Public

My Commission Expires: 8/11/92