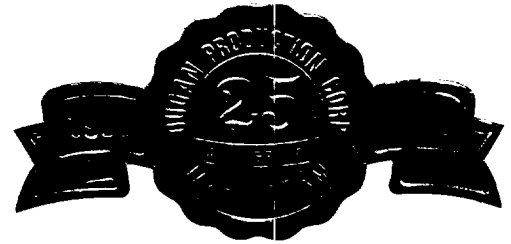




dugan production corp.

August 8, 1984

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



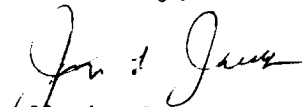
Re: Dugan Production Corp.
Pacheco #1
810' FNL - 1850' FEL
Sec. 13 T24N R9W, NMPM
San Juan County, NM

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° at 90'	1° at 1750'	1-1/2° at 4190'
3/4° at 185'	3/4° at 2245'	1° at 4324'
1° at 687'	1° at 2704'	1° at 4815'
1° at 1188'	1-1/2° at 3194'	1-1/2° at 5188'
1/2° at 1660'	1° at 3690'	1-3/4° at 5559'

Sincerely,


(Jim L. Jacobs

cg

State of New Mexico)
County of San Juan) ss

RECEIVED
AUG 13 1984
OIL CON. DIV.
DIST. 3

Subscribed and sworn to before me this 8th day of August 19 84.

Frances Perrin

