

dugan production corp.

February 19, 1981

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

Re: Pioneer Production Corp.
Lucerne #1E
1100' FSL - 1540' FEL
Sec 8 T28N R11W
San Juan County, NM

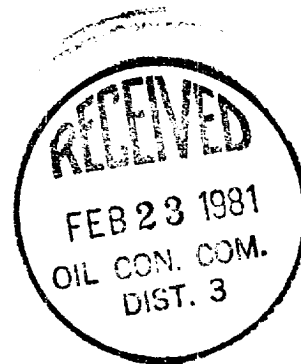
Gentlemen:

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

1/2 ⁰ at 1020'	1 ⁰ at 3320'	1 1/4 ⁰ at 5213'
3/4 ⁰ at 1524'	1 ⁰ at 3649'	1 1/4 ⁰ at 5917'
3/4 ⁰ at 2048'	1 ⁰ at 4160'	1 1/4 ⁰ at 6259'
1 ⁰ at 2818'	1 1/4 ⁰ at 4709'	

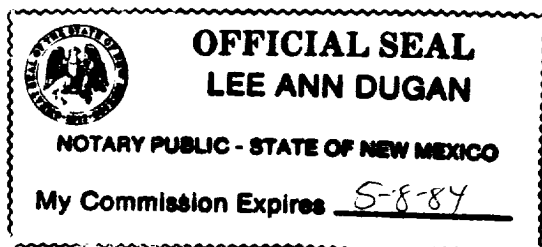
Sincerely,

Jim L. Jacobs
Geologist



State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 20th day of February 1981.



Lee Ann Dugan

RECEIVED
JAN 10 1964
U.S. AIR FORCE

OFFICE OF THE ATTORNEY GENERAL
STATE OF NEW YORK

JAN 10 1964