



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

May 16, 1985

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STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Geo Engineering
P. O. Box 2966
Santa Fe, New Mexico 87504-2966

RECEIVED
DEC 02 1985
CON. DIV.
DIST. 3

Attention: Jim M. Law, Petroleum Engineer

Re: Pressure Allowable Increase
Chaco Wash Mesaverde Waterflood
Wells Nos. 11 and 19
McKinley County, New Mexico

Dear Mr. Law:

I have completed a review of your request for an increase of injection pressure allowables on the subject wells. The following maximum injection pressure limits have been approved for the subject wells.

| <u>Well Number</u> | <u>Maximum Injection Pressure Limit</u> |
|--------------------|---|
| 11 | 135 PSIG |
| 19 | 170 PSIG |

These limits were approved based on the step-rate tests you submitted to this office and after a 10 PSI safety factor was subtracted from the fracture pressure limit of each well.

Sincerely,

Gilbert P. Quintana

GILBERT P. QUINTANA
UIC Director/Petroleum Engineer

GPQ/fd

cc: R. L. Stamets, Division Director
File WFX-525 ✓
Case File 7039
Frank Chavez, Aztec District