

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

January 3, 1991

Arch Petroleum, Inc.
Penthouse II A, Fort Worth Club Tower
Fort Worth, TX 76102

Attention: Jim B. Paschall

*RE: Injection Pressure Increase
Artesia Flood No. 3 Waterflood Project
Eddy County, New Mexico*

Dear Mr. Paschall:

Reference is made to your request of November 4, 1990, to increase the surface injection pressure on three wells within the Artesia Flood No. 3 Waterflood Project. This request is based on step rate test conducted on these wells on November 9 and 10, 1990. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells.

<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
Resler Yates State No. 55 Unit B, Section 32, T-18 South, R-28 East, NMPM;	1020 PSIG
Resler Yates State No. 379 Unit G, Section 32, T-18 South, R-28 East, NMPM; and	670 PSIG

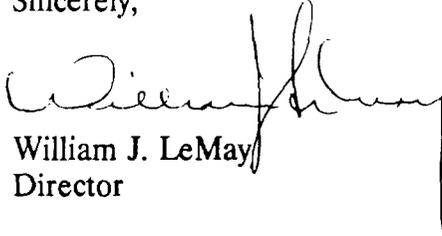
Resler Yates State No. 380
Unit H, Section 32, T-18 South,
Range 28 East, NMPM.

1240 PSIG

All in Lea County, New Mexico.

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in black ink and is positioned above the printed name and title.

William J. LeMay
Director

cc: Oil Conservation Division - Artesia
File: WFX-588
D. Catanach