

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



June 2, 1987

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Anadarko Petroleum Corporation
P. O. Box 2497
Midland, Texas 79702

Attention: Tommy W. Thompson

Re: Injection Pressure Increase
Teas Yates Unit Waterflood
Lea County, New Mexico

Dear Sir:

Reference is made to your request dated May 28, 1987, to increase the surface injection pressure on the Teas Yates Unit Well Nos. 1-2, 2-1, 5-3, 8-4, 10-3 and 31-2. This request is based on a step rate test conducted on the No. 1-2 well on May 14, 1987. The results of the test 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 to 1610 PSIG on the following wells all located in Lea County, New Mexico:

WELL AND LOCATION

Teas Yates Unit No. 1-2
Unit E, Section 18
T-20 South, R-34 East

Teas Yates Unit No. 2-1
Unit F, Section 13
T-20 South, R-33 East

Teas Yates Unit No. 5-3
Unit F, Section 13
T-20 South, R-33 East

Teas Yates Unit No. 8-4
Unit L, Section 13
T-20 South, R-33 East

Teas Yates Unit No. 10-3
Unit G, Section 14
T-20 South, R-33 East

Teas Yates Unit No. 13-2
Unit M, Section 11
T-20 South, R-33 East

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,

WILLIAM J. LEMAY,
Director

WJL/DRC/dr

xc: OCD - Hobbs
Case File-7677
File WFX-492
D. McDonald
D. Catanach