

David C.

## ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

CF 5138, 6103

GARREY CARRUTHERS  
GOVERNOR

May 22, 1987

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800Texaco, Inc.  
P.O. Box 728  
Hobbs, NM 88240

Attention: J.A. Head

RE: Injection Pressure Increase  
Skelly Unit  
Eddy County, New Mexico

Dear Sir:

Reference is made to your request dated March 25, 1987, to increase the surface injection pressure on eight wells in the Skelly Unit Waterflood Project. This request is based on step rate tests conducted on these wells during February and March, 1987. 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.

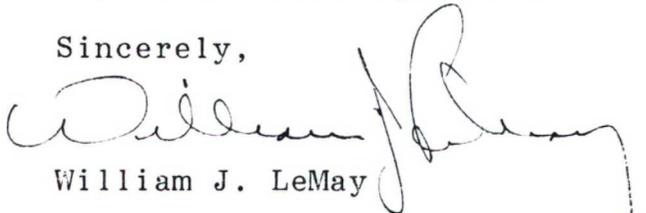
<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
Skelly Unit No. 3 660 FNL & 660 FWL (Unit D) Section 22	1575 PSIG
Skelly Unit No. 30 650 FSL & 2087 FWL (Unit N) Section 15	1200 PSIG
Skelly Unit No. 32 660 FSL & 660 FEL (Unit P) Section 15	1330 PSIG
Skelly Unit No. 42 660 FNL & 1880 FEL (Unit B) Section 22	1395 PSIG

Skelly Unit No. 46 1980 FNL & 560 FEL (Unit H) Section 22	1495 PSIG
Skelly Unit No. 73 2130 FSL & 660 FWL (Unit L) Section 23	1590 PSIG
Skelly Unit No. 89 660 FNL 7 1980 FEL (Unit B) Section 28	1380 PSIG
Skelly Unit No. 96 1980 FNL & 1980 FWL (Unit F) Section 27	1315 PSIG

All in Township 17 South, Range 31 East, NMPM, Eddy  
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,



William J. LeMay

xc: OCD - Artesia  
Case File - 5138 & 6103  
D. McDonald  
D. Catanach