



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

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

October 11, 1988

Texaco, Inc.  
West Star Route Box 423  
Lovington, NM 88260

Attention: A. Gernandt

RE: Injection Pressure Increase  
Central Vacuum Unit, Vacuum  
Grayburg San Andres Unit,  
Lea County, New Mexico

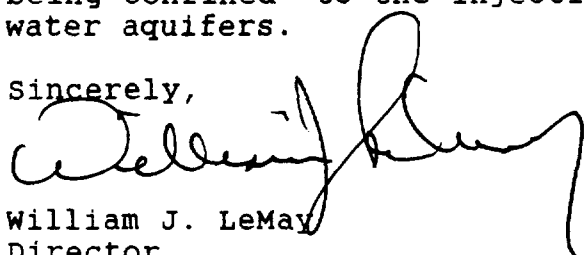
Dear Mr. Gernandt:

Reference is made to your request dated June 23, 1988, to increase the surface injection pressure on seventeen wells within the Central Vacuum Unit and Vacuum Grayburg San Andres Unit. This request is based on step rate tests conducted on these wells during May & June, 1988. 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 wells show on Exhibit "A" attached to this order.

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

cc: OCD - Hobbs      File: PMX-120  
D. McDonald      PMX-121  
D. Catanach      PMX-43  
Case File: 6008,      PMX-74  
                 & 4852      PMX-111

Injection Pressure Increase  
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EXHIBIT "A"

<u>WELL &amp; LOCATION</u>	<u>MAXIMUM SURFACE INJECTION PRESSURE</u>
Central Vacuum Unit No. 73 2630 FNL & 142 FEL (Unit H) Section 36, T-17S, R-34E	1000 PSIG
Central Vacuum Unit No. 84 1333 FSL & 151 FEL (Unit I) Section 36, T-17S, R-34E	1144 PSIG
Central Vacuum Unit No. 93 10 FSL & 1136 FWL (Unit M) Section 31, T-17S, R-35E	1200 PSIG
Central Vacuum Unit No. 99 1408 FNL & 1211 FWL (Unit E) Section 6, T-18S, R-35E	1095 PSIG
Central Vacuum Unit No. 159 1310 FNL & 100 FWL (Unit D) Section 36, T-17S, R-34E	1215 PSIG
VGSAU Well No. 18 1330 FSL & 1330 FWL (Unit K) Section 1, T-18S, R-34E	1260 PSIG
VGSAU Well No. 30 2630 FSL & 2630 FWL (Unit K) Section 2, T-18S, R-34E	1260 PSIG
VGSAU Well No. 32 2630 FSL & 30 FWL (Unit L) Section 1, T-18S, R-34E	1220 PSIG
VGSAU Well No. 34 2630 FSL & 2630 FEL (Unit J) Section 1, T-18S, R-34E	920 PSIG
VGSAU Well No. 44 1330 FNL & 1330 FWL (Unit F) Section 2, T-18S, R-34E	1435 PSIG
VGSAU Well No. 46 1405 FNL & 1230 FEL (Unit H) Section 2, T-18S, R-34E	1415 PSIG

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VGSAU Well No. 48 1330 FNL & 1130 FWL (Unit F) Section 1, T-18S, R-34E	895 PSIG
VGSAU Well No. 50 1330 FNL & 1330 FEL (Unit G) Section 1, T-18S, R-34E	925 PSIG
VGSAU Well No. 59 2500 FNL & 40 FWL (Unit E) Section 2, T-18S, R-34E	1110 PSIG
VGSAU Well No. 62 65 FNL & 1330 FWL (Unit C) Section 2, T-18S, R-34E	1240 PSIG
VGSAU Well No. 63 50 FNL & 2630 FEL (Unit B) Section 2, T-18S, R-34E	1330 PSIG
VGSAU Well No. 67 2630 FSL & 120 FWL (Unit L) Section 35, T-17S, R-34E	1380 PSIG



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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November 7, 1988

GARREY CARRUTHERS

GOVERNOR

Mobil Exp & Prod. U.S., Inc.

P.O. Box 633

Midland, TX 79702

Attention: M.E. Sweeney

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

RE: Injection Pressure Increase  
North Vacuum Abo Unit  
Lea County, New Mexico

Dear Mr. Sweeney:

Reference is made to your request dated October 20, 1988, to increase the surface injection pressure on three wells within the North Vacuum Abo Unit Waterflood Project. This request is based on step rate tests conducted on these wells on October 5, 1988. 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.

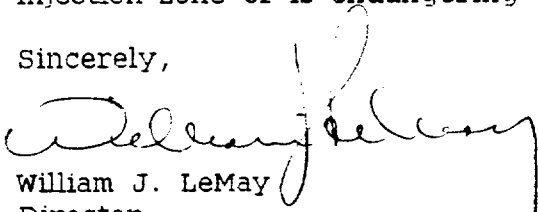
You are therefore authorized to increase the surface injection pressure on the following wells.

<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
NVAU Well No. 137 Unit E, Section 26, T-17S, R-34E	3870 PSIG
NVAU Well No. 209 Unit J, Section 22, T-17S, R-34E	3816 PSIG
NVAU Well No. 302 Unit J, Section 3, T-17S, R-34E	3920 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,

  
William J. LeMay  
Director

cc: OCD - Hobbs  
D. McDonald  
D. Catanach

File:

PMX-138  
PMX-140  
WFX-557