



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: Amended 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
D. McDonald
D. Catanach
Case File: 6008,
& 4852

File: PMX-120 PDEV0020700120
PMX-121 PDEV0020700121
PMX-43 PDEV0020700043
PMX-74 PDEV0020700074
PMX-111 PDEV0020700111

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EXHIBIT "A"

<u>WELL & 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 & 11211 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 & 1330 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 FEL & 120 FWL (Unit L)
Section 35, T-17S, R-34E

1380 PSIG