



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 5, 2001

Texaco Exploration & Production, Inc.
P.O. Box 3109
Midland, Texas 79702-3019

Attn: Mr. Stephen Guillot

**RE: *Injection Pressure Increase,
Central Vacuum Unit Tertiary Recovery Project,
Lea County, New Mexico***

Dear Mr. Guillot:

Reference is made to your request dated October 19, 2001, to increase the surface injection pressure on two wells within the above-referenced tertiary recovery project. This request is based on step rate tests conducted on the subject wells on September 21 and October 1, 2001. 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:

<i>Well and Location</i>	<i>Maximum Surface Injection Pressure Water</i>	<i>Maximum Surface Injection Pressure CO₂</i>
Central Vacuum Unit Well No. 14 API No. 30-025-25811 Unit E, Section 30, T-17S, R-35E	1578 PSIG	N/A
Central Vacuum Unit Well No. 294 API No. 30-025-35398 Unit B, Section 6, T-18S, R-35E	1500 PSIG	1850 PSIG
All wells located in Lea County, New Mexico.		

Injection Pressure Increase
Texaco Exploration & Production, Inc.
November 5, 2001
Page 2

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected fluid 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 "Lori Wrotenbery".

Lori Wrotenbery
Director

LW/DRC

cc: Oil Conservation Division - Hobbs
Files: Case No. 6008, PMX-212; PSI-X-2001



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

October 19, 2000

Texaco Exploration & Production, Inc.
P.O. Box 3109
Midland, Texas 79701

Attn: Mr. Stephen Guillot

**RE: Injection Pressure Increase,
CVU Well No. 242 (API No. 30-025-30104)
Lea County, New Mexico**

Reference is made to your request dated October 12, 2000 to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on October 3, 2000. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

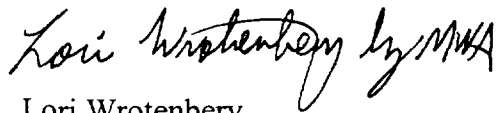
You are therefore authorized to increase the surface injection pressure on the following well:

<i>Well and Location</i>	<i>Maximum Surface Injection Pressure Water</i>	<i>Maximum Surface Injection Pressure CO₂</i>
<i>CVU Well No. 242 Unit A, Section 36, Township 17 South, Range 34 East</i>	<i>1411 PSIG</i>	<i>1811 PSIG</i>
<i>Lea County, New Mexico.</i>		

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.

Injection Pressure Increase
Texaco Exploration & Production, Inc.
October 19, 2000
Page 2

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery", followed by the initials "LW/MWA".

Lori Wrotenbery
Director

LW/MWA/kv

cc: Oil Conservation Division - Hobbs
Files: Case No. 6008 (Order No. R-5530), IPI 4th QTR-2000



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

September 25, 2000

Texaco Exploration & Production, Inc.
P.O. Box 3109
Midland, Texas 79701

Attn: Mr. Stephen Guillot

RE: Corrected Injection Pressure Increase,
CVU Well No. 345
Lea County, New Mexico

Reference is made to your request dated August 14, 2000 to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on July 31, 2000. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well:

<i>Well and Location</i>	<i>Maximum Surface Injection Pressure Water</i>	<i>Maximum Surface Injection Pressure CO₂</i>
<i>CVU Well No. 345 Unit N, Section 31, Township 17 South, Range 35 East</i>	<i>1500 PSIG</i>	<i>1850 PSIG</i>
<i>Lea County, New Mexico.</i>		

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.

Injection Pressure Increase
Texaco Exploration & Production, Inc.
September 25, 2000
Page 2

In addition to the operator name, well name and test data; please include the legal location of the well, the name of a contact person, a phone number and a return address with any future requests for pressure increase.

Sincerely,

A handwritten signature in black ink that reads "Lori Wrotenbery". The signature is fluid and cursive, with the first name "Lori" and last name "Wrotenbery" clearly distinguishable.

Lori Wrotenbery
Director

LW/MWA/kv

cc: Oil Conservation Division - Hobbs
Files: Case No. 6008 (Order No. R-5530), PMX-121, IPI 3rd QTR-2000



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

August 7, 2000

Texaco Exploration & Production, Inc.
P.O. Box 3109
Midland, Texas 79701

Attn: Mr. Russell Pool

**RE: Injection Pressure Increase,
CVU Well No. 345
Lea County, New Mexico**

Reference is made to your request dated August 2, 2000 to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on July 31, 2000. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well:

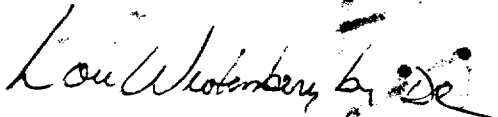
Well and Location	Maximum Surface Injection Pressure Water	Maximum Surface Injection Pressure CO₂
<i>CVU Well No. 345 Unit N, Section 31, Township 17 South, Range 35 East</i>	<i>1945 PSIG</i>	<i>1850 PSIG</i>
<i>Lea County, New Mexico.</i>		

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.

Injection Pressure Increase
Texaco Exploration & Production, Inc.
August 7, 2000
Page 2

In addition to the operator name, well name and test data; please include the legal location of the well, the name of a contact person, a phone number and a return address with any future requests for pressure increase.

Sincerely,



Lori Wrotenbery
Director

LW/MWA/kv

cc: Oil Conservation Division, Hobbs
Files: Case No. 6008 (Order No. R-5530), PMX-121, IPI 3rd QTR-2000



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

November 20, 1998

Texaco Exploration & Production, Inc.
205 East Bender Blvd.
Hobbs, New Mexico 88240

Attn: Mr. James Anderson

**RE: *Injection Pressure Increase,
Central Vacuum Unit Waterflood Project,
Lea County, New Mexico***

Dear Mr. Anderson:

Reference is made to your request dated November 9, 1998 to increase the surface injection pressure on 6 wells in the above referenced waterflood project. This request is based on step rate tests conducted on the subject wells between October 13 and 27, 1998. 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:

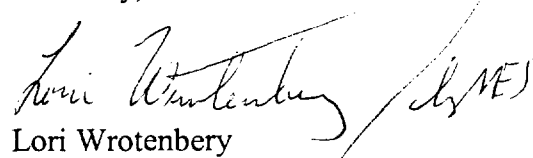
<i>Well and Location</i>	<i>Maximum Surface Injection Pressure Water</i>	<i>Maximum Surface Injection Pressure CO₂</i>
Central Vacuum Unit Well No.45 Unit Letter N, Section 30, Twp 17S, Rng 35E	2000 PSIG	1850 PSIG
Central Vacuum Unit Well No.60 Unit Letter C, Section 31, Twp 17S, Rng 35E	2000 PSIG	1850 PSIG
Central Vacuum Unit Well No.135 Unit Letter L, Section 6, Twp 18S, Rng 35E	1700 PSIG	N/A
Central Vacuum Unit Well No.136 Unit Letter E, Section 6, Twp 18S, Rng 35E	1890 PSIG	1850 PSIG

Injection Pressure Increase
Texaco Exploration and Production, Inc.
November 20, 1998
Page 2

<i>Well and Location</i>	<i>Maximum Surface Injection Pressure Water</i>	<i>Maximum Surface Injection Pressure CO₂</i>
Central Vacuum Unit Well No.141 Unit Letter M, Section 36, Twp 17S, Rng 34E	2000 PSIG	1850 PSIG
Central Vacuum Unit Well No.156 Unit Letter K, Section 25, Twp 17S, Rng 34E	1600 PSIG	N/A
All wells located 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,


Lori Wrotenbery
Director

LW/BES/kv

cc: Oil Conservation Division - Hobbs
Files: Case File No.6008 (R-5530); PMX-121; PSI-X 2nd QTR 99



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

June 27, 1997

Texaco Exploration & Production, Inc.
P.O. Box 730
Hobbs, New Mexico 88241-0730

Attn: Mr. James Anderson

**RE: *Injection Pressure Increase,
Central Vacuum Unit,
Lea County, New Mexico***

Dear Mr. Anderson:

Reference is made to your request dated May 19, 1997 to increase the surface injection pressure on 4 wells in the above referenced waterflood project. This request is based on a step rate tests conducted between December 4 and 10, 1996. 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.

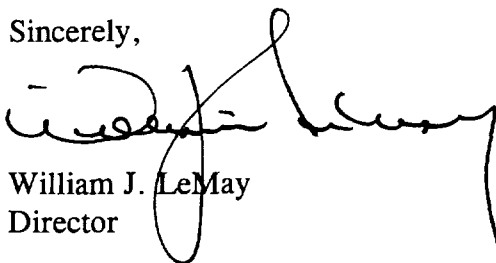
You are therefore authorized to increase the surface injection pressure on the following wells:

<i>Well and Location</i>	<i>Maximum Surface Injection Pressure</i>
Central Vacuum Unit Well No.56 Unit Letter 'C', Section 36, Township 17 South, Range 34 East	2100 PSIG
Central Vacuum Unit Well No.72 Unit Letter 'H', Section 36, Township 17 South, Range 34 East	1500 PSIG
Central Vacuum Unit Well No.73 Unit Letter 'H', Section 36, Township 17 South, Range 34 East	1500 PSIG
Central Vacuum Unit Well No.99 Unit Letter 'D', Section 6, Township 18 South, Range 35 East	2300 PSIG
Located in Lea County, New Mexico.	

Injection Pressure Increase
Texaco Exploration & Production, Inc.
June 27, 1997
Page 2

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 black ink, appearing to read "William J. LeMay", written over the printed name and title.

William J. LeMay
Director

WJL/BES

cc: Oil Conservation Division - Hobbs
Files: Case No.; PSI-X 3rd QTR-97
6008



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

6008

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 22, 1997

Texaco Exploration & Production, Inc.
P.O. Box 730
Hobbs, New Mexico 88241-0730

Attn: Mr. James Anderson

**RE: *Injection Pressure Increase,
Central Vacuum Unit Waterflood Project,
Lea County, New Mexico***

Dear Mr. Anderson:

Reference is made to your request dated December 5, 1996 to increase the surface injection pressure on 15 wells in the above referenced waterflood project. This request is based on step rate tests conducted on the subject wells. 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:

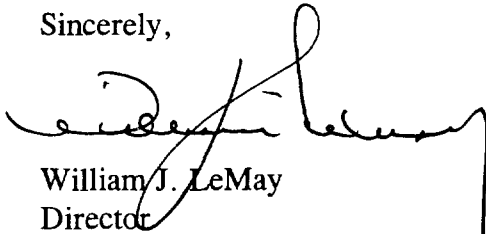
<i>Well and Location</i>	<i>Maximum Surface Injection Pressure</i>
Central Vacuum Unit Well No.26, Unit Letter J, Section 25, Twp. 17S, Rge. 34E	1500 PSIG
Central Vacuum Unit Well No.27, Unit Letter I, Section 25, Twp.17S, Rge. 34E	1500 PSIG
Central Vacuum Unit Well No.28, Unit Letter L, Section 30, Twp.17S, Rge. 35E	1550 PSIG
Central Vacuum Unit Well No.41, Unit Letter O, Section 25, Twp.17S, Rge.34E	1520 PSIG

<i>Well and Location</i>	<i>Maximum Surface Injection Pressure</i>
Central Vacuum Unit Well No.42, Unit Letter P, Section 25, Twp. 17S, Rge. 34E	1450 PSIG
Central Vacuum Unit Well No.43, Unit Letter M, Section 30, Twp. 17S, Rge. 35E	1500 PSIG
Central Vacuum Unit Well No.55, Unit Letter D, Section 36, Twp. 17S, Rge. 34E	1500 PSIG
Central Vacuum Unit Well No.57, Unit Letter A, Section 36, Twp. 17S, Rge. 34E	1530 PSIG
Central Vacuum Unit Well No.58, Unit Letter D, Section 31, Twp. 17S, Rge. 35E	1500 PSIG
Central Vacuum Unit Well No.71, Unit Letter G, Section 36, Twp. 17S, Rge. 34E	1500 PSIG
Central Vacuum Unit Well No.74, Unit Letter E, Section 31, Twp. 17S, Rge. 35E	1500 PSIG
Central Vacuum Unit Well No.84, Unit Letter M, Section 31, Twp. 17S, Rge. 35E	1450 PSIG
Central Vacuum Unit Well No.93, Unit Letter M, Section 31, Twp. 17S, Rge. 35E	1400 PSIG
Central Vacuum Unit Well No.94, Unit Letter N, Section 31, Twp. 17S, Rge. 35E	1550 PSIG
Central Vacuum Unit Well No.138, Unit Letter P, Section 36, Twp. 17S, Rge. 34E	1550 PSIG
All wells located in Lea County, New Mexico.	

Injection Pressure Increase
Texaco Exploration & Production, Inc.
January 22, 1997
Page 3

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 black ink, appearing to read "William J. LeMay", is written over the printed name and title. The signature is fluid and cursive, with a large loop at the end.

William J. LeMay
Director

WJL/BES

cc: Oil Conservation Division - Hobbs
Files: Case File No.6008 (R-5530); PSI-X 2nd QTR 97



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



1008

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

September 7, 1994

Texaco Exploration and Production, Inc.
P.O. Box 730
Hobbs, NM 88241

Attention: Robert T. McNaughton

**RE: Correction to Injection Pressure Increase, Central
Vacuum Unit, Lea County, New Mexico**

Dear Mr. McNaughton:

Reference is made to your request dated July 25, 1994 to increase the surface injection pressure on five wells in your Central Vacuum Unit. This request is based on step rate tests conducted on these between July 8 and 14, 1994. 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:

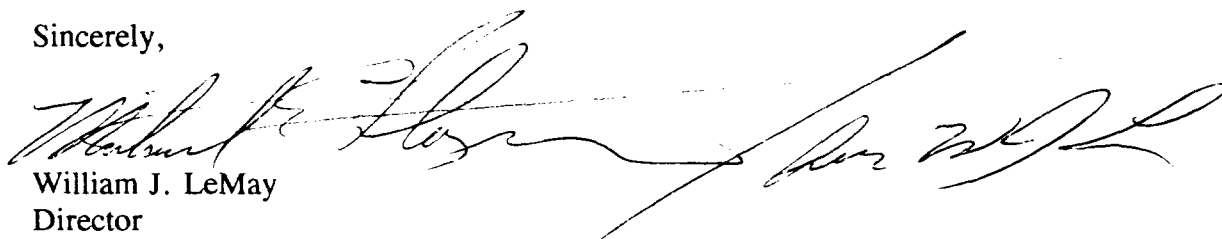
Well and Location	Maximum Injection Surface Pressure
CVU Well No. 115 Unit J, Section 6, Township 18 South, Range 35 East	1295 PSIG
CVU Well No. 144 Unit B, Section 8, Township 16 South, Range 35 East	1875 PSIG
CVU Well No. 148 Unit P, Section 30, Township 17 South, Range 35 East	1500 PSIG
CVU Well No. 155 Unit I, Section 25, Township 17 South, Range 34 East	1375 PSIG

Correction to Injection Pressure Increase
Texaco Exploration and Production, Inc.
September 7, 1994
Page 2

Well and Location	Maximum Injection Surface Pressure
CVU Well No. 158 Unit D, Section 36, Township 17 South, Range 34 East	2000 PSIG
All wells located 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

WJL/BES/amg

cc: Oil Conservation Division - Hobbs
File: Case File No. 6008
PMX-121
PSI-X 3rd Quarter 1994
D. Catanach



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



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

August 24, 1994

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

Texaco Exploration and Production, Inc.
P.O. Box 730
Hobbs, NM 88241

Attention: Robert McNaughton

RE: Injection Pressure Increase, Central Vacuum Unit Well No. 7, Unit B of Section 30, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico

Dear Mr. McNaughton:

Reference is made to your request dated August 11, 1994 to increase the surface injection pressure on the above-referenced well. This request is based on a step rate tests conducted on August 10, 1994. The results of the test has been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well:

Well and Location	Maximum Injection Surface Pressure
Central Vacuum Unit Well No. 7 1310' FNL - 1330' FEL Unit B, Section 30, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico.	1535 PSIG

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/BES/amg

cc: Oil Conservation Division - Hobbs
File: Case No. 6008
D. Catanach



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

CASE
6008



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

August 26, 1994

Texaco Exploration and Production, Inc.
P.O. Box 730
Hobbs, NM 88241

Attention: Robert T. McNaughton

**RE: *Injection Pressure Increase, Central Vacuum Unit,
Lea County, New Mexico***

Dear Mr. McNaughton:

Reference is made to your request dated July 25, 1994 to increase the surface injection pressure on five wells in your Central Vacuum Unit. This request is based on step rate tests conducted on these between July 8 and 14, 1994. 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:

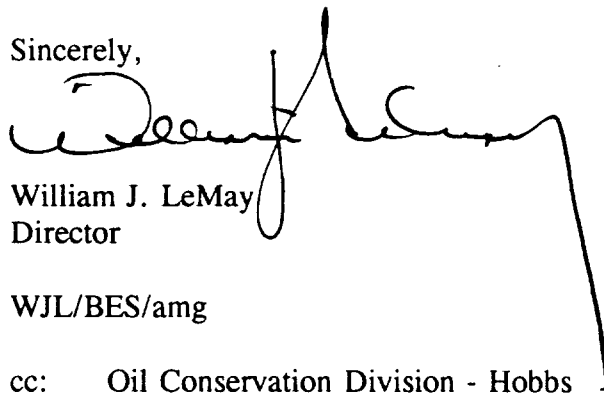
Well and Location	Maximum Injection Surface Pressure
CVU Well No. 15 Unit J, Section 6, Township 18 South, Range 35 East	1295 PSIG
CVU Well No. 144 Unit B, Section 8, Township 16 South, Range 35 East	1875 PSIG
CVU Well No. 148 Unit P, Section 30, Township 17 South, Range 35 East	1500 PSIG
CVU Well No. 155 Unit I, Section 25, Township 17 South, Range 34 East	1375 PSIG

Injection Pressure Increase
Texaco Exploration and Production, Inc.
August 26, 1994
Page 2

Well and Location	Maximum Injection Surface Pressure
CVU Well No. 158 Unit D, Section 36, Township 17 South, Range 34 East	2000 PSIG
All wells located 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

WJL/BES/amg

cc: Oil Conservation Division - Hobbs
File: Case File No. 6008
PMX-121
PSI-X 3rd Quarter 1994
D. Catanach



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

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DEC 17 1993



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

December 6, 1993

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

Texaco Exploration & Production, Inc.
P.O. Box 730
Hobbs, NM 88241

Attention: Terry L. Fraizer

**RE: Injection Pressure Increase Central Vacuum Unit,
Lea County, New Mexico**

Dear Mr. Fraizer:

Reference is made to your request dated November 22, 1993 to increase the surface injection pressure on three wells in your Central Vacuum Unit. This request is based on step rate tests conducted on these wells between October 7 and 11, 1993. 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.

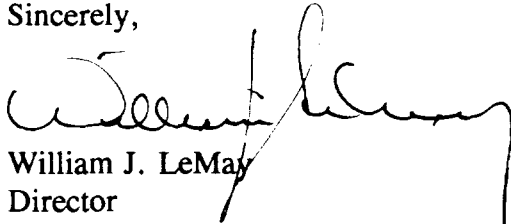
You are therefore authorized to increase the surface injection pressure on the following wells:

Well and Location	Maximum Injection Surface Pressure
Central Vacuum Unit Well No. 14 Unit E, Section 30, Township 17 South, Range 35 East	1340 PSIG
Central Vacuum Unit Well No. 15 Unit F, Section 30, Township 17 South, Range 35 East	1760 PSIG
Central Vacuum Unit Well No. 159 Unit D, Section 36, Township 17 South, Range 34 East	1790 PSIG
All wells located in Lea County, New Mexico.	

Injection Pressure Increase
Texaco Exploration & Production, Inc.
December 6, 1993
Page 2

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 black ink, appearing to read 'William J. LeMay', is written over the typed name and title.

William J. LeMay
Director

WJL/BES/amg

cc: Oil Conservation Division - Hobbs
File: Case No. 6008