

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



OIL CONSERVATION DIVISION

February 1, 1995

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

Attn: Robert McNaughton

**RE: *Injection Pressure Increase
Central Vacuum Unit No. 142
Central Vacuum Unit Waterflood Project
Lea County, New Mexico***

Dear Mr. McNaughton:

Reference is made to your request dated January 11, 1995, to increase the surface injection pressure on the Central Vacuum Unit Well No. 142. This request is based on a step rate test conducted on the well on December 29, 1994. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on the 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 No. 142 Unit I, Section 6, Township 18 South, Range 35 East, NMPM Lea County, New Mexico	1285 PSIG

VILLAGRA BUILDING - 408 Galisteo

Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830

Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco

Office of the Secretary
827-5950

Administrative Services
827-5925

Energy Conservation & Management
827-5900

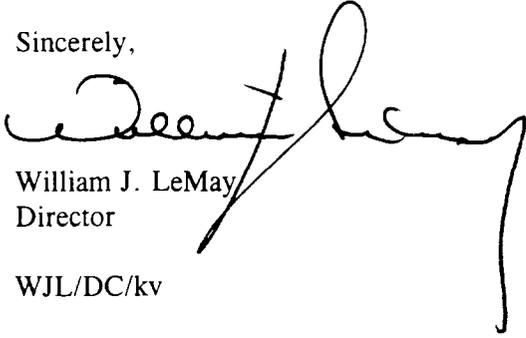
Mining and Minerals
827-5970

Oil Conservation
827-7121

Injection Pressure Increase
Texaco Exploration and Production Inc.
February 1, 1995
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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". The signature is fluid and cursive, with a large loop at the end of the last name.

William J. LeMay
Director

WJL/DC/kv

cc: Oil Conservation Division - Hobbs
File: PMX-86
R. Brown
D. Catanach

Unit Well No.	Unit Letter	Location	Approximate location of perforations	Approx Paclen Depth
142	I	1680' FSL, 300' FEL, Section 6, T18 S R35E	4550	4510
143	A	1310 FNL, 50' FEL, Sec. 6, T18S, R35E	4380	4342
144	B	35' FNL, 1330' FEL, Sec. 6, T18S, R35E	4355	4315
145	N	1310' FSL, 2475' FNL, Sec 31, T 17S, R35E	4344	4309
146	G	2465' FNL, 1335' FEL, Sec 31, T 17S, R35E	4320	4280
147	A	1310' FNL, 200' FEL, Sec. 31, T 17S, R35E	4325	4285
148	P	1310' FSL, 50' FEL, Sec. 30, T 17S, R35E	4300 4401	4400 4361
149	H	1330' FNL, 50' FEL, Sec. 30, T 17S, R35E	4503	4463
150	B	10' FNL, 1330' FEL, Sec. 30, T 17S, R35E	4530	4490
151	D	45' FNL, 1510' FNL, Sec. 30, T 17S, R35E	4540	4540

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State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



May 22, 1995

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

Attn: Mr. Robert McNaughton

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

Dear Mr. McNaughton:

Reference is made to your request dated April 21, 1995 to increase the surface injection pressure on 8 wells in the above referenced waterflood project. This request is based on step rate tests conducted between March 27 and April 18, 1995. 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.25, Unit Letter L, Section 25, Twp. 17S, Rge.34E	2500 PSIG
Central Vacuum Unit Well No.40, Unit Letter P, Section 25, Twp.17S, Rge.34E	2500 PSIG
Central Vacuum Unit Well No.83, Unit Letter J, Section 36, Twp.17S, Rge. 34E	2500 PSIG
Central Vacuum Unit Well No.106, Unit Letter E, Section 6, Twp.18S, Rge.35E	2280 PSIG

VILLAGRA BUILDING - 408 Galisteo

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Mining and Minerals
827-5970

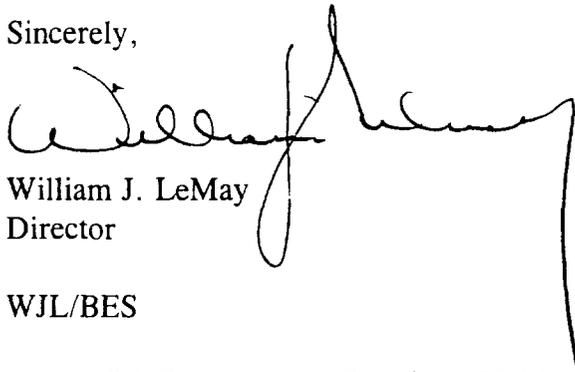
Oil Conservation
827-7131

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Texaco Exploration & Production, Inc.
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<i>Well and Location</i>	<i>Maximum Surface Injection Pressure</i>
Central Vacuum Unit Well No.139, Unit Letter M, Section 33	2340 PSIG
Central Vacuum Unit Well No.143, Unit Letter A, Section 6, Twp.18S, Rge.35E	2320 PSIG
Central Vacuum Unit Well No.146, Unit Letter G, Section 31, Twp.17S, Rge.35E	2250 PSIG
Central Vacuum Unit Well No.147, Unit Letter A, Section 31, Twp.17S, Rge.35E	1930 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

cc: Oil Conservation Division - Hobbs
Files: Case File No.6008; PMX-86; PSI-X 2nd QTR 95