

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



**OIL CONSERVATION DIVISION**



February 1, 1995

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

***RE: Injection Pressure Increase W.H. Rhodes "B" Federal  
Waterflood Project Lea County, New Mexico***

Dear Ms. de Aragao:

Reference is made to your request dated November 1, 1994 to increase the surface injection pressure on seven wells. This request is based on step rate tests conducted on these wells between October 13 and 21, 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
W.H. Rhodes "B" Federal (NCT-2) No.3 1980' FSL & 660' FEL Unit I, Section 28, Township 26 South, Range 37 East	748 PSIG
W.H. Rhodes "B" Federal (NCT-2) No.4 660' FSL & 660' FEL Unit P, Section 28, Township 26 South, Range 37 East	907 PSIG
W.H. Rhodes "B" Federal (NCT-2) No.5 1980' FSL & 1980' FEL Unit J, Section 28, Township 26 South, Range 37 East	792 PSIG
W.H. Rhodes "B" Federal (NCT-2) No.6 660' FSL & 1880' FEL Unit O, Section 28, Township 26 South, Range 37 East	683 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  
827-7131

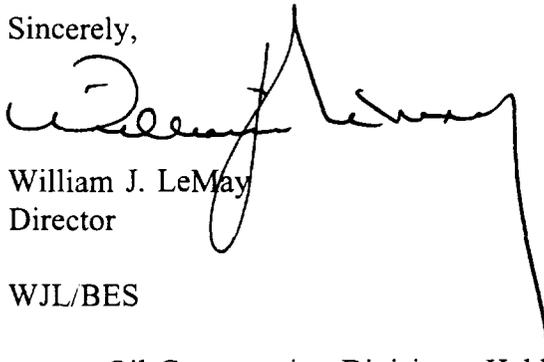
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<b>Well and Location</b>	<b>Maximum Injection Surface Pressure</b>
W.H. Rhodes "B" Federal (NCT-1) No.8 660' FSL & 660' FWL Unit M, Section 26, Township 26 South, Range 37 East	997 PSIG
W.H. Rhodes "B" Federal (NCT-1) No.11 1980' FSL & 1980' FWL Unit K, Section 26, Township 26 South, Range 37 East	1087 PSIG
W.H. Rhodes "B" Federal (NCT-1) No.12 660' FSL & 1980' FEL Unit O, Section 26, Township 26 South, Range 37 East	1105 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  
File: WFX-645; WFX-658; Case No.10948