

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 - 406 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

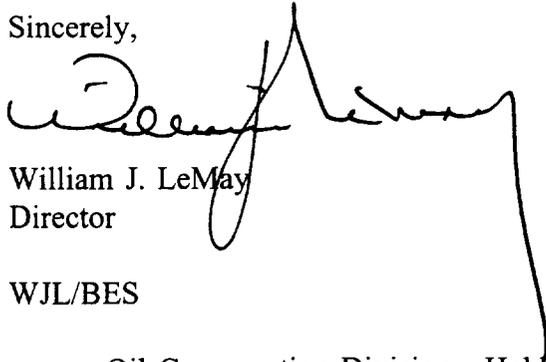
2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-5970

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Well and Location	Maximum Injection Surface Pressure
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