

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY



2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

November 3, 1994

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

Attn: Ms. Darlene de Aragao

***RE: Injection Pressure Increase West Dollarhide Drinkard Unit
Waterflood Project Lea County, New Mexico***

Dear Ms. de Aragao:

Reference is made to your request dated September 30, 1994 to increase the surface injection pressure on 12 wells. This request is based on step rate tests conducted on these wells between August 11 and September 1, 1994. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells, with the exception of WDDU No.21, is justified at this time.

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

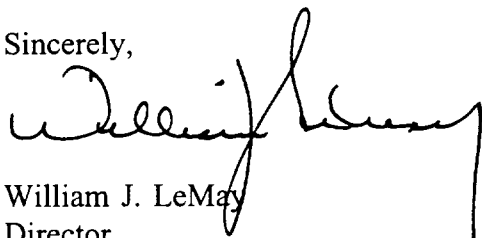
Well and Location	Maximum Injection Surface Pressure
West Dollarhide Drinkard Unit Well No.146 Unit C, Section 32, Township 24 South, Range 38 East	1350 PSIG
West Dollarhide Drinkard Unit Well No.58 Unit K, Section 33, Township 24 South, Range 38 East	1666 PSIG
West Dollarhide Drinkard Unit Well No.46 Unit A, Section 31, Township 24 South, Range 38 East	1383 PSIG
West Dollarhide Drinkard Unit Well No.88 Unit A, Section 5, Township 25 South, Range 38 East	1299 PSIG

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Well and Location	Maximum Injection Surface Pressure
West Dollarhide Drinkard Unit Well No.131 Unit H, Section 32, Township 24 South, Range 38 East	1538 PSIG
West Dollarhide Drinkard Unit Well No.64 Unit I, Section 31, Township 24 South, Range 38 East	1442 PSIG
West Dollarhide Drinkard Unit Well No.17 Unit C, Section 30, Township 24 South, Range 38 East	1322 PSIG
West Dollarhide Drinkard Unit Well No.19 Unit G, Section 30, Township 24 South, Range 38 East	1582 PSIG
West Dollarhide Drinkard Unit Well No.28 Unit I, Section 30, Township 24 South, Range 38 East	1542 PSIG
West Dollarhide Drinkard Unit Well No.121 Unit E, Section 32, Township 24 South, Range 38 East	1701 PSIG
West Dollarhide Drinkard Unit Well No.56 Unit E, Section 33, Township 24 South, Range 38 East	1413 PSIG
West Dollarhide Drinkard Unit Well No.21 Unit E, Section 29, Township 24 South, Range 38 East	1326 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: Case No.4134; WFX's-608,621,630,654

