



FOR RECORD ONLY

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Betty Rivera**

Cabinet Secretary

April 17, 2002

**Lori Wrotenbery**

Director

Oil Conservation Division

ChevronTexaco  
15 Smith Road  
Midland, Texas 79705

Attn: Mr. Britton McQuien

**Re: Injection Pressure Increase  
North Vacuum Abo West Unit No. 3  
North Vacuum Abo West Unit No. 5  
Lea County, New Mexico**

Dear Mr. McQuien:

Reference is made to your request dated April 1, 2002, to increase the surface injection pressure on the above referenced North Vacuum Abo West (NVAW) wells. These horizontal injection wells are both located in Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

This request is based on a step rate tests conducted on the wells on March 7, 2002. After reviewing test results, we feel an increase in injection pressure is justified at this time.

These wells are equipped with 2 3/8" coated tubing and injection packer. With size and type of tubing remaining the same, you are authorized to increase the surface injection pressure to the following:

Well and Location	Maximum Surface Injection Pressure
NVAW No. 3 (API: 30-025-24495 Surface in Unit L, Section 15)	3050 PSIG Water
NVAW No. 5 (API: 30-025-24112 Surface in Unit D, Section 22)	3400 PSIG Water

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*  
Lori Wrotenbery  
Director

cc: Oil Conservation Division - Hobbs  
Files: Case No. 7400; PMX 213; IPI 2002