



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:

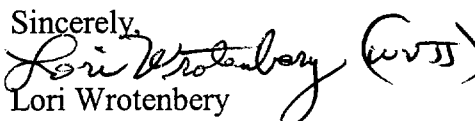
Reference is made to your request dated April 1, 2002, to increase the surface injection pressure on the above referenced North Vacuum Abo West (NVAW) wells. These horizontal injection wells are both located in Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

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
Director

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



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

May 23, 2003

ChevronTexaco
15 Smith Road
Midland, Texas 79705

Attn: Garrett Luig

Re: Injection Pressure Increase
North Vacuum Abo West Unit Well No. 15H
API: 30-025-23905
Surface Location: Unit D, Section 27,
Township 17 South, Range 34 East, NMPM,
Lea County, New Mexico

Dear Mr. Luig:

Reference is made to your request received in the Santa Fe office of the New Mexico Oil Conservation Division May 20, 2003, to increase the surface injection pressure on the above-referenced horizontal water injection well. This request is based on a step rate test conducted on this well on November 4, 2002. The test results have been reviewed and we feel an increase in injection pressure is justified at this time.

Without modifying the tubing size or type (2-3/8 inch plastic coated), you are authorized to inject **at or below 3,700-psi surface injection pressure.**

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 (wvj)
Lori Wrotenbery
Director

cc: Oil Conservation Division – Hobbs
 Files: PMX-213, IPI-202
 PSI-X, 2003