



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenbery**

Director

Oil Conservation Division

May 6, 2003

Pogo Producing Company  
300 North Marienfeld  
P.O. Box 10340  
Midland, Texas 79702-7340

Attn: Barrett L. Smith

**Re: Injection Pressure Increase  
Proximity "31" Federal Well No. 4  
API: 30-025-20423  
Unit B, Section 31, Township 22 South, Range 32 East,  
NMPM, Lea County, New Mexico**

Dear Mr. Smith:

Reference is made to your request received in the Santa Fe office of the New Mexico Oil Conservation Division April 30, 2003, to increase the surface injection pressure on the above-referenced water disposal well. This request is based on a step rate test conducted on this well on April 18, 2003. The test results have been reviewed and we feel an increase in injection pressure is justified at this time.

Without modifying the injection interval (4734-5590) or the tubing size or type (2-7/8 inch plastic coated), you are authorized to inject **at or below 2,800 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  
Director

cc: Oil Conservation Division – Hobbs  
Files: SWD-543, IPI-201  
PSI-X, 2003