



# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**  
Governor

**Jon Goldstein**  
Cabinet Secretary

**Jim Noel**  
Deputy Cabinet Secretary

**Mark Fesmire**  
Division Director  
Oil Conservation Division



Administrative Order IPI-376  
June 9, 2010

BOPCO, L.P.  
P.O. Box 2760  
Midland, TX 79702

Attention: Mr. Carlos Cruz

**RE: Injection Pressure Increase Request**

Poker Lake Unit Well No. 227 (API No. 30-015-33929) SWD-1064  
Unit P, Sec 30, T24 South, R30 East, NMPM, Eddy County, New Mexico  
Bell Canyon and Cherry Canyon members of the Delaware Mountain Group  
Through perforations from 4,044 feet to 4,830 feet

Reference is made to your request on behalf of BOPCO, L.P. (OGRID 260737) to increase the surface injection pressure limit on the above named well.

This well was approved by the Division for injection into the Bell Canyon and Cherry Canyon members of the Delaware Mountain Group through perforations from approximately 4,044 feet to 4,832 feet with SWD-1064-B and given a maximum surface injection pressure of 809 psi.

It is our understanding that this well will not take a sufficient volume of water at this pressure limit and a higher pressure limit is needed to handle water disposal needs in this area.

The basis for granting this pressure increase is the step-rate test run on this well in 2010. The results of the step rate test show that an increase in the surface injection pressure for this well is justified and will not result in the fracturing of the injection formation and confining strata.

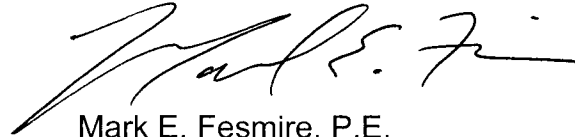
You are hereby authorized to utilize up to **1440 psi** as the maximum surface injection pressure on this well provided the tubing, size, type, and setting depth does not change. However, you are prohibited from injecting at pressures that would induce fracturing.



This approval is subject to your being in compliance with all other Division rules, including but not limited to Division Rule 5.9.

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected fluid is not being confined to the injection zone or fresh water aquifers are being endangered.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark E. Fesmire". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mark E. Fesmire, P.E.  
Acting Division Director

MEF/tw

cc: Oil Conservation Division – Artesia  
Bureau of Land Management – Carlsbad  
SWD-1064-B