



# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**  
Governor

**Joanna Prukop**  
Cabinet Secretary  
**Reese Fullerton**  
Deputy Cabinet Secretary

**Mark Fesmire**  
Division Director  
Oil Conservation Division



Administrative Order IPI-312  
February 25, 2009

Devon Energy Corporation  
20 North Broadway  
Oklahoma City, OK 73102-8260

Attention: Ronnie Slack

**RE: Injection Pressure Increase Request**

Cochiti 28 Federal Well No. 1 (API No. 30-015-30113) SWD-972,  
Section 28, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico  
SWD; Delaware Bell Canyon formation  
Through perforations from 3428 feet to 3658 feet

Reference is made to your request on behalf of Devon Energy Corporation (OGRID 136025) received by the Division February 2, 2009, to increase the surface injection pressure limit on the above named disposal well.

Administrative Order No SWD-972 approved on March 16, 2005, permitted the Cochiti 28 Federal Well No. 1 for injection into the Bell Canyon member of the Delaware Mountain Group at 3428 feet to 3658 feet and allowed a maximum surface injection pressure of 685 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 enable increased water disposal.

The basis for granting this pressure increase is the step rate test run by Precision Pressure Data, Inc. on this well in January of 2009. Precision measured the surface pressures during this test with a single electronic pressure gauge.

You are hereby authorized to utilize up to **825 psi** as the maximum surface injection pressure on this well provided the tubing, size, type, setting depth and perforation depths do not change.

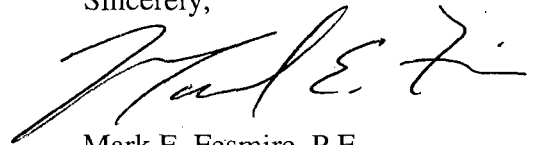
This approval is subject to your being in compliance with all other Division rules, including but not limited to Division Rule 5.9.



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 is endangering any fresh water aquifers.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark E. Fesmire", with a stylized flourish at the end.

Mark E. Fesmire, P.E.  
Director

MEF/tw

cc: Oil Conservation Division - Artesia  
Bureau of Land Management - Carlsbad  
SWD-972