



New Mexico Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**Brett F. Woods, Ph.D.**  
Acting Cabinet Secretary

**Daniel Sanchez**  
Acting Division Director  
Oil Conservation Division



Administrative Order IPI-392  
February 15, 2011

Burlington Resources Oil & Gas, LP  
3401 East 30<sup>th</sup> Street  
Farmington, NM 87402-8807

Attention: Ms. Patsy Clugston

**RE: Injection Pressure Increase Request**

Mar Vista SWD Well No. 1 (API No. 30-045-35126) SWD-1217  
Unit N, Sec 2, T29 North, R 11 West NMPM, San Juan County, New Mexico  
Cliff House member of the Mesaverde formation (Perfs 3,362-3,714 feet)

Reference is made to your request on behalf of Burlington Resources Oil & Gas, LP (OGRID 14538) received by the Division February 7, 2011, to increase the surface injection pressure limit on the Mar Vista SWD Well No. 1 (API No. 30-045-35126).

The well was permitted to inject produced water into the unitized formation and governed by SWD-1217 issued in April, 2010, and the maximum surface injection pressure was limited to 735 psi.

It is our understanding the well needs additional surface injection pressure to balance injection and withdrawal rates in order to optimize waterflood operations. The basis for granting this pressure increase is the step rate test run in January 2011.

Burlington Resources Oil & Gas, LP is hereby authorized to utilize the maximum surface injection pressures on the well of **1,065 psi**, provided the tubing, size, type, setting depth and perforation depths do not change, but is prohibited from injecting at pressures that would induce fracturing in individual wells.

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, or is causing waste of oil and gas.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Daniel Sanchez', with a long, sweeping horizontal stroke extending to the right.

J. Daniel Sanchez  
Acting Division Director

JDS/tw

cc: Oil Conservation Division - Aztec  
File: 30-045-35126