



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

November 7, 2007

Administrative Order IPI-288

Paul Thompson, P.E. agent for  
Rosetta Resources, Inc.  
7415 East Main Street  
Farmington, NM 87402

**RE: Injection Pressure Increase Request**

Tsah Tah SWD Well No. 11 (API No. 30-045-34082)  
Unit N, Section 11, Township 24 North, Range 10 West, NMPM  
SWD; Mesaverde Pool (Menefee and Point Lookout Injection Intervals)  
Permitted Interval: 3197 feet to 4250 feet  
San Juan County, New Mexico

Reference is made to your request dated October 24, 2007, on behalf of Rosetta Resources, Inc. ("Rosetta") to increase the surface injection pressure on the above named disposal well.

Administrative Order No SWD-1063-A approved on May 16, 2007, permitted this well for injection into the above referenced formation and perforations and allowed a maximum surface injection pressure of 640 psi. It is our understanding that this well will not take a sufficient volume of water at this pressure and additional pressures are needed to enable increased water disposal from Rosetta's operations.

The basis for granting this pressure increase is an injection test run by Rosetta on this well on October 16, 2007. Both surface and bottomhole pressures were measured during this test.

You are hereby authorized to utilize up to 1250 psi as the maximum surface injection pressure on this well provided the tubing, size, type, and setting depth does not change.

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.

Sincerely,

Mark E. Fesmire, P.E.  
Director

cc: Oil Conservation Division - Aztec  
File: SWD-1063-A