

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

> Oil Conservation Division * 1220 South St. Francis Drive * Santa Fe, New Mexico 87505 Phone: (505) 476-3440 * Fax (505) 476-3462 * <u>http://www.emnrd.state.nm.us</u>