



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

**Mark E. Fesmire, P.E.**  
Director  
Oil Conservation Division

April 11, 2007

Division Order No. IPI-281

Chesapeake Operating, Inc.  
2010 Rankin Highway  
Midland, Texas 79701

Attn: Ms. Shay Stricklin

**RE: Injection Pressure Increase  
East Loving SWD Well No. 1  
Eddy County, New Mexico**

Dear Ms. Stricklin:

Reference is made to your request dated March 13, 2007, to increase the surface injection pressure on the East Loving SWD Well No. 1. This request is based on a step rate injection test that was conducted on the well on February 26, 2007. The step rate test data shows that approval of the request will not result in the fracturing of the injection formation and confining strata.

You are therefore authorized to increase the surface injection pressure on the following well:

<i>Well Name &amp; Number</i>	<i>Maximum Surface Injection Pressure</i>
East Loving SWD Well No. 1 API No. 30-015-26764 Unit A, Section 15, Township 23 South, Range 28 East, Eddy County, New Mexico	1150 PSIG

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.

*Administrative Order IPI-281*  
*Chesapeake Operating, Inc.*  
*April 11, 2007*  
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Sincerely,



Mark E. Fesmire, P.E.  
Director

cc: Oil Conservation Division - Artesia  
File: Case No. 10307