



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

August 18, 2005

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

Director

**Oil Conservation Division**

Division Order No. IPI-255

SDX Resources, Inc.  
P.O. Box 5061  
Midland, Texas 79704

Attn: Mr. Chuck Morgan

**RE: *Injection Pressure Increase  
Chalk Bluff Federal Well No. 1  
Eddy County, New Mexico***

Dear Mr. Morgan:

Reference is made to your request dated August 2, 2005, to increase the surface injection pressure on the Chalk Bluff Federal Well No. 1. This request is based on fracture data from the Chalk Bluff Federal Well No. 1, and from fracture data from offset wells producing from the Red Lake Queen-Grayburg-San Andres Pool. The fracture data shows that approval of an increase in surface injection pressure for this well 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:

<b><i>WELL NAME &amp; NUMBER</i></b>	<b><i>MAXIMUM SURFACE INJECTION PRESSURE</i></b>
Chalk Bluff Federal Well No. 1 API No. 30-015-00789 Unit K, Section 5, T-18 South, R-27 East, NMPM, Eddy County, New Mexico	1300 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.

*Injection Pressure Increase*  
*SDX Resources, Inc.*  
*August 18, 2005*  
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Sincerely,

A handwritten signature in black ink, appearing to read 'Mark E. Fesmire', with a long horizontal flourish extending to the right.

Mark E. Fesmire, P.E.  
Director

cc: Oil Conservation Division - Artesia  
File: SWD-959