



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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

January 24, 2005

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

Division Order No. IPI-248

Mewbourne Oil Company  
P.O. Box 7698  
Tyler, Texas 75711

Attention: Mr. K. M. Calvert

**RE: *Injection Pressure Increase  
Querecho Plains Bone Spring Sand Unit Waterflood Project  
Lea County, New Mexico***

Dear Mr. Calvert:

Reference is made to your request received by the Division on January 20, 2005 to increase the surface injection pressure on two wells within the Querecho Plains Bone Spring Sand Unit Waterflood Project. The request to increase the surface injection pressure on these wells is based upon recently-conducted step rate tests. The results of the step rate tests show that an increase in the surface injection pressure for these wells is justified and will not result in the fracturing of the confining strata.

You are therefore authorized to increase the surface injection pressure on the following-described wells located in Township 18 South, Range 32 East, NMPM, Lea County, New Mexico:

<i>WELL NAME &amp; NUMBER</i>	<i>MAXIMUM SURFACE INJECTION PRESSURE</i>
Querecho Plains Bone Spring Sand Unit Well No. 2A-1 API No. 30-025-30583 660' FNL & 660' FWL, Unit D, Section 24	2430 PSIG
Querecho Plains Bone Spring Sand Unit Well No. 13-2 API No. 30-025-29679 760' FSL & 2310' FWL, Unit N, Section 23	2380 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 No. IPI-248*

*Mewbourne Oil Company*

*January 24, 2005*

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Sincerely,

A handwritten signature in black ink that reads "Mark E. Fesmire" followed by a stylized flourish that looks like "to Die".

Mark E. Fesmire, P.E.

Director

cc: Oil Conservation Division - Hobbs  
File: Case No. 10762  
File: WFX-776