



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**Bill Richardson**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

February 25, 2003

Occidental Permian Limited Partnership  
P.O. Box 4294  
Houston, Texas 77210-4294

Attention: Mr. Mark Stephens

Administrative Order No. PMX-109-A

Dear Mr. Stephens:

Reference is made to your request dated January 30, 2003, to amend Division Order No. PMX-109 dated August 13, 1981, which order authorized the conversion to injection of eighteen wells within the North Hobbs Grayburg San Andres Unit Pressure Maintenance Project. It is our understanding that Occidental Permian Ltd. seeks to amend the portion of the order relating to the:

North Hobbs Grayburg San Andres Unit Well No. 442  
API No. 30-025-27001  
1300' FSL & 1050' FEL, Unit P, Section 30, T-18 South, R-38 East, NMPM,  
Lea County, New Mexico

and that the order is proposed to be amended by authorizing the subject well to inject water, carbon dioxide and produced gas into the Grayburg-San Andres formation at a surface injection pressure not to exceed:

- (i) 1100 psi for water
- (ii) 1250 psi for carbon dioxide
- (iii) 1770 psi for carbon dioxide and  
produced gas

It is further our understanding that the subject well is located within the North Hobbs Grayburg San Andres Unit Phase I Tertiary Recovery Project, approved by Division Order No. R-6199-B.

Pursuant to your request, the proposed amendment to Division Order PMX-109 is hereby approved.

*Occidental Permian Ltd. Partnership*  
*Division Order No. PMX-109*  
*February 25, 2003*  
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Prior to injecting carbon dioxide and produced gas into the subject well, Occidental Permian Ltd. shall comply with any and all requirements relating to the amendment of the H<sub>2</sub>S Contingency Plan for unit operations.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery by DA".

Lori Wrotenbery  
Director

Xc: Case File: 12722 /  
File-PMX-109  
OCD-Hobbs  
Roger Anderson



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**BETTY RIVERA**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

November 7, 2002

Occidental Permian Ltd.  
580 Westlake Park Blvd.  
P.O. Box 4294  
Houston, Texas 77210-4294

Attention: Mr. Richard E. Foppiano  
Senior Advisor/Regulatory Affairs

Re: Authorization to Use Treated Effluent  
North Hobbs Grayburg San Andres Unit PM Project  
South Hobbs Grayburg San Andres Unit PM Project

Dear Mr. Foppiano:

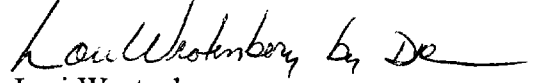
Reference is made to your request dated March 5, 2002, to utilize treated effluent water from the Hobbs Municipal Waste Treatment Plant for injection into the North Hobbs Grayburg San Andres Unit Pressure Maintenance Project and South Hobbs Grayburg San Andres Unit Pressure Maintenance Project. It is our understanding from your application that:

- (1) The TDS of this effluent is approximately 4,000 mg/l;
- (2) The maximum amount of effluent to be injected into the North Hobbs Gb/SA Unit will be approximately 15,000 barrels per day, this amount representing approximately 10% of the total fluid volume injected daily within this pressure maintenance project.

Occidental Permian Ltd. is hereby authorized to utilize treated effluent water from the Hobbs Municipal Waste Water Treatment Plant for injection into the North Hobbs Grayburg San Andres Unit Pressure Maintenance Project and South Hobbs Grayburg San Andres Unit Pressure Maintenance Project.

Occidental Permian Ltd. shall advise the Division in the event of changes in the quality and/or quantity of the treated effluent water being utilized for injection within these pressure maintenance projects.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery, Esq.", written in dark ink.

Lori Wrotenbery  
Director

Xc:   OCD-Hobbs  
      Case File-12722