



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

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

Director

**Oil Conservation Division**

May 24, 2006

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

Attention: Mr. Mark Stephens

Re: Request for Activation of Injection Status  
North Hobbs Grayburg San Andres Unit Well No. 331  
API No. 30-025-07538  
2310' FSL & 2310' FEL (Unit J)  
Section 32, T-18S, R-38E, NMPM,  
Lea County, New Mexico

Dear Mr. Stephens:

The Division has received and reviewed your request dated May 5, 2006 to return to injection status the North Hobbs Grayburg San Andres Unit ("NHGSAU") Well No. 331 within the NHGSAU Pressure Maintenance Project.

By Order No. R-6199-B dated October 22, 2001, the Division authorized Occidental Permian Ltd. to implement a tertiary recovery injection project within the NHGSAU Pressure Maintenance Project by the injection of water, CO<sub>2</sub> and produced gas into the Grayburg and San Andres formations, Hobbs Grayburg-San Andres Pool. The order further approved sixty (60) wells to be utilized for injection, including twenty-four (24) wells that were to be drilled at a later time. It is our understanding that the NHGSAU Well No. 331, which was originally identified by Order No. R-6199-B as a new well to be drilled, was actually an existing well at that time, and that the well had previously been approved for injection by Division Order No. PMX-195 dated July 21, 1998. It is further our understanding that Oxy now proposes to resume injection operations into this well.

Pursuant to Division Orders No. PMX-195 and R-6199-B, the NHGSAU Well No. 331 has already been permitted for injection. Occidental Permian, Ltd. is therefore authorized to resume injection operations into the NHGSAU Well No. 331.

Injection and operation of this well shall be in conformance with all provisions contained within Division Order No. R-6199-B.

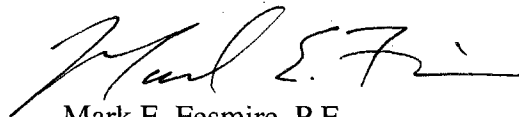
Injection into the NHGSAU Well No. 331 shall be through the perforated interval from approximately 4,000 feet to 4,261 feet through 2 7/8-inch fiberglass-lined tubing installed in a packer located at a depth of approximately 3,900 feet.

In accordance with the provisions of R-6199-B, the NHGSAU Well No. 331 is authorized to inject water and CO<sub>2</sub> into the Grayburg-San Andres formation at the following-described surface injection pressures:

Water	1100 psi
CO <sub>2</sub>	1250 psi

Division Order No. PMX-195, as it relates to the NHGSAU Well No. 331, is hereby superseded by this authorization.

Sincerely,



Mark E. Fesmire, P.E.  
Director

Xc: OCD-Hobbs  
Case File-12722  
PMX-195