



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

AMENDED ADMINISTRATIVE ORDER NO. PMX-210-A

***APPLICATION OF OCCIDENTAL PERMIAN LIMITED PARTNERSHIP TO
EXPAND ITS NORTH HOBBS (GRAYBURG/SAN ANDRES) UNIT PRESSURE
MAINTENANCE PROJECT IN THE HOBBS GRAYBURG-SAN ANDRES POOL IN
LEA COUNTY, NEW MEXICO.***

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Order No. R-6199, as amended, Occidental Permian Limited Partnership has made application to the Division on **January 28, 2003 to revise the previously approved permit to inject into** its North Hobbs Grayburg-San Andres Unit Pressure Maintenance Project in the Hobbs Grayburg-San Andres Pool in Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been filed in due form.
- (2) Satisfactory information has been provided that all offset operators have been duly notified of the application.
- (3) No objection has been received within the waiting period as prescribed by Rule 701(B).
- (4) The proposed injection well is eligible for conversion to injection under the terms of Rule 701.
- (5) The proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.
- (6) The application should be approved.

IT IS THEREFORE ORDERED THAT:

The applicant, Occidental Permian Limited Partnership, is hereby authorized to inject water, CO₂, and produced gas into the Grayburg and San Andres formations at approximately 4100 feet to approximately 4397 feet through 2 7/8-inch plastic or fiberglass lined tubing set in a packer located approximately 100 feet above the uppermost injection perforations in the following described well for purposes of pressure maintenance to wit:

**North Hobbs (Grayburg/San Andres) Unit Well No. 223
(API No. 30-025-28555)**

1770 FNL & 2405 FWL, Unit 'F', Section 30

Injection Interval 4100 feet to 4397 feet

Maximum Injection Pressure – 1,100 psig with Water

Maximum Injection Pressure – 1,250 psig with CO₂

**Maximum Injection Pressure – 1,770 psig with CO₂ and Produced Gas,
Township 18 South, Range 38 East, NMPM, Lea County, New Mexico.**

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected fluid enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to **pressures as specified above.**

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected fluid from the Grayburg or San Andres formations.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

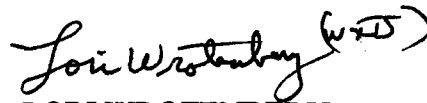
The subject well shall be governed by all provisions of Division Order No. R-6199, as amended, and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The injection authority for the well granted herein, shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Originally DONE at Santa Fe, New Mexico, on the 1st day of December 2000.
Revised at Santa Fe, New Mexico on this 21st day of February 2003.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY
DIRECTOR

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LW/wvj

cc: Oil Conservation Division – Hobbs
Bureau of Land Management – Carlsbad
State Land Office – Oil and Gas Division