



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

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

Director

Oil Conservation Division

Administrative Order WFX-832

## APPLICATION OF TEXLAND PETROLEUM-HOBBS, LLC TO EXPAND ITS WATERFLOOD PROJECT IN THE HOBBS-UPPER BLINEBRY POOL IN LEA COUNTY, NEW MEXICO

### ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Order R-11638, Texland Petroleum-Hobbs, LLC has made application to the Division for permission to expand its Hobbs Upper Blinebry Co-op Waterflood Project in the Hobbs-Upper Blinebry Pool (31680) in Lea County, New Mexico.

#### THE DIVISION DIRECTOR FINDS THAT:

The application was filed in due form. No objections have been filed within the waiting period prescribed by Division Rule 701(C). The proposed injection wells are eligible for conversion to injection under the terms of Rule 701.

The proposed expansion of the above-referenced waterflood project will not cause waste nor impair correlative rights and should be approved.

#### IT IS THEREFORE ORDERED THAT:

The applicant, Texland Petroleum-Hobbs, LLC, is hereby authorized to inject water into the unitized interval of the Hobbs Upper Blinebry Cooperative Waterflood Project, through plastic-lined tubing set in packers located within 100 feet of the top of the injection intervals in the following-described wells for purposes of secondary recovery:

✓ Bowers A Federal Well No. 31 (API No. 30-025-23176)  
1980' FNL, 660' FWL, Unit E, Sec 29, T18S, R38E, NMPM  
Permitted Injection Interval (Perforated): 5794-5955  
Maximum Surface Injection Pressure: 1580 PSIG

State A-29 Well No. 8 (API No. 30-025-23048)  
2150' FSL, 1800' FWL, Unit K, Sec 29, T18S, R38E, NMPM  
Permitted Injection Interval (Perforated): 5793-5925  
Maximum Surface Injection Pressure: 1580 PSIG

IT IS FURTHER ORDERED THAT:

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

Prior to commencing injection operations into these wells, 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 wells or system shall be equipped with pressure limiting devices which will limit the wellhead pressure to the maximum surface injection pressures described above.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said wells that such higher pressure will not result in migration of the injected fluid from the Delaware formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs District Office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

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 wells and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject wells shall be governed by all provisions of Division Order No. R-11638, 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 granted herein shall terminate one year after the effective date of this order **for each well if the operator has not commenced injection operations into that well**, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

DONE at Santa Fe, New Mexico, on this 13th day of December, 2007

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



MARK E. FESMIRE, P.E.  
Director

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