



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

~~FOR RECORD ONLY~~
Lori Wrotenberg
Director
Oil Conservation Division

ADMINISTRATIVE ORDER NO. PMX-211

***APPLICATION OF TEXACO EXPLORATION AND PRODUCTION, INC. TO
EXPAND ITS PRESSURE MAINTENANCE PROJECT IN THE VACUUM
GRAYBURG-SAN ANDRES POOL IN LEA COUNTY, NEW MEXICO***

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Order No. R-5530, as amended, Texaco Exploration and Production, Inc. has made application to the Division on January 29, 2001 for permission to expand its Central Vacuum Unit Pressure Maintenance Project in the Vacuum 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 wells are 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, Texaco Exploration and Production, Inc., be and the same is hereby authorized to inject water, carbon dioxide and produced gas into the Grayburg and San

Andres formations through dual openhole horizontal laterals located within the interval from approximately 4100 feet to approximately 4800 feet through 2 3/8-inch fiberglass lined tubing, or equivalent, set in a packer located approximately 100 feet above the uppermost openhole horizontal lateral in the following described wells for purposes of pressure maintenance to wit:

Central Vacuum Unit Well No. 173
(API No. 30-025-35212)

Surface Location: 2509' FNL & 660' FEL, Unit H, Section 36,
Bottomhole Location of Dual Laterals: 2610' FNL & 1980' FEL, Unit G, Section 36,
Township 17 South, Range 34 East, NMPM
Maximum Injection Pressure Water: 820 psig
Maximum Injection Pressure CO₂ & Produced Gas: 1170 psig

Central Vacuum Unit Well No. 241
(API No. 30-025-35213)

Surface Location: 74' FNL & 1940' FEL, Unit B, Section 36,
Bottomhole Location of Dual Laterals: 25' FNL & 2000' FWL, Unit C, Section 36,
Township 17 South, Range 34 East, NMPM
Maximum Injection Pressure Water: 820 psig
Maximum Injection Pressure CO₂ & Produced Gas: 1170 psig

both located in 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 in each well shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus in each well 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 Director of the Division may authorize an increase in the maximum injection pressure shown above 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.