

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 DHC-3824

COG Operating LLC
550 W. Texas, Suite 550
Midland, TX 79701

Attention: Phyllis A. Edwards

Barrel State Well No. 1
API No. 30-025-37789
Unit M, Section 3, Township 17 South, Range 33 East, NMPM,
Lea County, New Mexico
Undesignated Maljamar; Grayburg San Andres (43329), and
Undesignated North Leamex; Paddock (97549) Pools

Dear Ms. Edwards:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above-described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion or otherwise required separation of the zones is hereby placed in abeyance.

In accordance with Division 303C.(1)(f), the production attributed to any commingled pool within the well shall not exceed the allowable applicable to that pool.

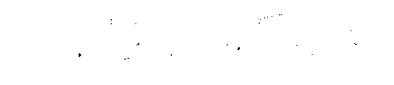
Assignment of allowable to the well and allocation of production from the well shall be done using the subtraction method. The Grayburg San Andres shall be allocated the remainder of production after subtracting the projected Paddock production from the total well production.

REMARKS: The operator shall notify the Hobbs District Office of the Division upon implementation of commingling operations.

Pursuant to Rule 303C(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on November 14, 2006.

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