



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-3721

COG Operating LLC
550 W. Texas
Suite 1300
Midland, TX 79701

Attention: Jerry Sherrell - Mack Energy Corporation

Pawnee State
Wells No. 1, 2, 3, and 4
Section 16, Township 17 South, Range 30 East, NMPM,
Eddy County, New Mexico
Loco Hills-Paddock (96718) Pool, and the
Grayburg Jackson-SR Q G SA Oil Pool (28509) Pool

Dear Mr. Sherrell:

Reference is made to your recent application on behalf of COG Operating LLC for an exception to Rule 303.A. of the Division Rules and Regulations to permit the following-described wells to commingle production from the subject pools in the wellbores.

Pawnee State lease (VB-71)

Section 16, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico

		Well API Number Spacing			
Lease	Num	30-015-	Unit	Shallow Pool	Deepest Pool
Pawnee State	1	30591	Unit G	Grayburg Jackson-SR Q G SA Oil	Loco Hills-Paddock
Pawnee State	2	31368	Unit G	Grayburg Jackson-SR Q G SA Oil	Loco Hills-Paddock
Pawnee State	3	34883	Unit G	Grayburg Jackson-SR Q G SA Oil	Loco Hills-Paddock
Pawnee State	4	34884	Unit G	Grayburg Jackson-SR Q G SA Oil	Loco Hills-Paddock

It appearing that the subject wells 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 Orders which authorized the dual completions 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 these wells shall not exceed the allowable applicable to that pool.

It is our understanding that interests are identical within each of these two pools and identical between pools. Assignment of allowable and production to the wells and to the lease shall be done after testing of all intervals to be commingled. The Division in Santa Fe shall be notified in writing of allocation percentages or the method of allocation. Thereafter, additional changes to the allocation shall be done only with permission of the Division.

REMARKS: The operator shall notify the Artesia 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 June 6, 2006.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



MARK E. FESMIRE, P.E.
Director

cc: Oil Conservation Division – Artesia
State Land Office – Oil, Gas, and Minerals Division