

# New Mexico Energy, Minerals and Natural Resources Department

**Bill Richardson**  
Governor

**Joanna Prukop**  
Cabinet Secretary  
**Reese Fullerton**  
Deputy Cabinet Secretary

**Mark Fesmire**  
Division Director  
Oil Conservation Division



Administrative Order DHC-4036

Order Date: 5/30/2008

Application Reference Number: pKVR0810854238

COG OPERATING LLC  
550 W TEXAS, SUITE 1300  
MIDLAND, TX 79701

Attention: KANICIA CARRILLO, REGULATORY ANALYST

HARVARD FEDERAL Well No. 005  
API No: 30-015-34709  
Unit H, Section 11, Township 17 South, Range 30 East, NMPM  
Eddy County, New Mexico

|        |  |           |
|--------|--|-----------|
| Pool:  | Undesignated Grayburg Jackson; SR-Q-G-SA | Oil 28509 |
| Names: | Loco Hills; Glorieta-Yeso                | Oil 96718 |

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 after testing of all intervals to be commingled. The applicant shall submit the allocation percentages to the Division within 60 days following completion of this workover.

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Pursuant to Rule 303C(2), the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read 'Mark E. Fesmire', with a long horizontal flourish extending to the right.

MARK E. FESMIRE, P.E.  
Director

cc: Oil Conservation Division – Artesia  
Bureau of Land Management - Carlsbad