



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

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Cabinet Secretary

Karen W. Garcia
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



November 10, 2010

Administrative Order DHC-4331

Application Reference Number: pTGW1030050041

COG Operating, LLC
Attn: Kanicia Carillo
Fasken Center, Tower II
550 W. Texas Ave., Suite 1300
Midland, TX 79701

**Re: Harvard Federal Well No. 6
API No. 30-015-35124**

Pool:	Square Lake Grayburg; San Andres	Oil	(57570)
	Loco Hills; Glorieta-Yeso	Oil	(96718)

Dear Ms. Carillo:

Reference is made to your application for an exception to Division Rule 12.9A. to permit down hole commingling of production from the subject pools within the above-described wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 12.11A., and that reservoir damage or waste will not result from such down hole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described.

In accordance with Division Rule 12.11.A(6), the production attributed to any commingled pool within the well shall not exceed the allowable applicable to that pool.

Assignment of allowable and allocation of production from the well shall be as follows:

Square Lake Grayburg; San Andres Pool	Pct Gas: 75%	Pct Oil: 48%
Loco Hills; Glorieta-Yeso Pool	Pct Gas: 25%	Pct Oil: 52%

Oil Conservation Division
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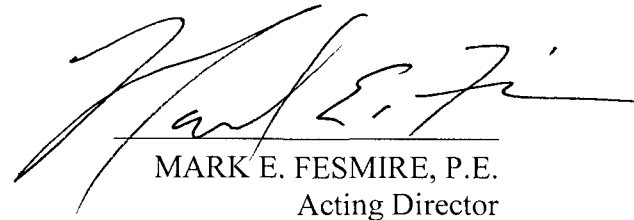
It is our understanding that the above allocation percentages are based on production tests on the subject well.

It is also understood that ownership of all interest in the pools from which production is being commingled is identical.

This approval is conditional upon approval by the United States Bureau of Land Management prior to commencement of commingling.

The operator shall notify the Division's Artesia district office upon implementation of commingling operations.

Pursuant to Rule 12.11B, the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.



MARK E. FESMIRE, P.E.
Acting Director

MEF/db

cc: Oil Conservation Division – Artesia
New Mexico State Land Office – Santa Fe