



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



October 29, 2008

COG Operating, LLC
Attn: Ms. Robyn Odom
Fasken Center, Tower II
550 West Texas Ave., Suite 1300
Midland, TX 79701

Administrative Order NSL-5948

Re: GC Federal Well No. 24
API No. 30-025
1330 feet FSL and 1290 feet FEL
Unit I, Section 20-17S-32E
Lea County, New Mexico

Dear Ms Odom:

Reference is made to the following:

- (a) your application (**administrative application reference No. pKVR08-26236274**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on September 17, 2008,
- (b) your supplemental email communication of October 29, 2008, and
- (c) the Division's records pertinent to this request.

COG Operating, LLC (COG) has requested to drill the above-referenced well as a directional oil well to be completed in the Yeso formation at a location that will be unorthodox under Division Rule 111. The proposed surface location, point of penetration and terminus of the well are as follows:

Surface Location: 1330 feet from the South line and 1290 feet from the East line
(Unit I) of Section 20, Township 17S, Range 32E, NMPM
Lea County, New Mexico

Point of Penetration: 1648 feet from the South line and 1652 feet from the East line
(Unit J) of said section.



Terminus 1650 feet from the South line and 1650 feet from the East line
(Unit J) of said section.

The NW/4 SE/4 of Section 20 will be dedicated to the proposed well to form a standard 40-acre spacing unit in the undesignated West Maljamar-Yeso Pool (44500). This pool is governed by statewide Rule 104.B(1), which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary. This location is unorthodox because a portion of the producing interval will be less than 330 feet from the southern boundary of the unit, and therefore outside the producing area.

Your application has been duly filed under the provisions of Division Rules 104.F and 1210.A(2).

It is our understanding that you are seeking this location because of sand dunes and because of existing pipelines that cross the unit. It is further understood notice of this application to offsetting operators or owners is not required because of common ownership.

Pursuant to the authority conferred by Division Rule 104.F(2), the above-described unorthodox location is hereby approved.

This approval is subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 40.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Mark E. Fesmire, P.E.
Director

MEF/db

cc: New Mexico Oil Conservation Division - Hobbs
 United States Bureau of Land Management - Carlsbad