

# 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-5949**

**Re: GC Federal Well No. 29**  
**API No. 30-025**  
**745 feet FSL and 1330 feet FEL**  
**Unit O, Section 20-17S-32E**  
**Lea County, New Mexico**

Dear Ms Odom:

Reference is made to the following:

(a) your application (**administrative application reference No. pKVR08-26236993**) 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: 745 feet from the South line and 1330 feet from the East line  
(Unit O) of Section 20, Township 17S, Range 32E, NMPM  
Lea County, New Mexico

Point of Penetration: 992 feet from the South line and 992 feet from the East line  
(Unit P) of said section.



Terminus                      990 feet from the South line and 990 feet from the East line  
(Unit P) of said section.

The SE/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 boundaries 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).

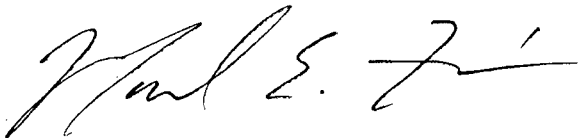
It is our understanding that you are seeking this location because of sand dunes. It is further understood notice of this application to offsetting operators or owners is not required because of common ownership.

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,

A handwritten signature in black ink, appearing to read "Mark E. Fesmire", with a stylized flourish at the end.

Mark E. Fesmire, P.E.  
Director

MEF/db

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