



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jon Goldstein
Cabinet Secretary

Jim Noel
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



April 28, 2010

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

Administrative Order NSL-6191

Re: Miranda Federal Well No. 20
API No. 30-015
940 feet FNL and 2370 feet FWL
Unit C, Section 9-17S-30E
Eddy County, New Mexico

Dear Ms. Odom:

Reference is made to the following:

(a) your application (**administrative application reference No. pTGW10-11344122**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on April 23, 2010, and

(b) the Division's records pertinent to this request.

COG Operating, LLC [OGRID 229137] (COG) has requested to drill the above-referenced well at an unorthodox oil well location, described above in the caption of this letter. The NE/4 NW/4 of Section 9 will be dedicated to this well in order to form a standard 40-acre oil spacing and proration unit in the undesignated Loco Hills Glorieta-Yeso Pool (96718). This pool is governed by statewide Rule 15.9.A, which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary. This location is less than 330 feet from the eastern unit boundary.

Your application has been duly filed under the provisions of Division Rules 15.13 and 4.12.A(2).

It is our understanding that you are seeking this location due to sand dunes.



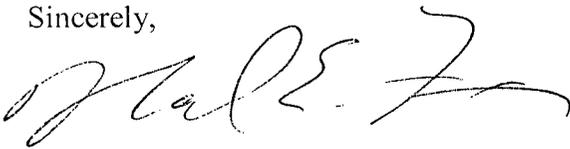
It is also understood that notice of this application to offsetting operators or owners is unnecessary due to common ownership.

Pursuant to the authority conferred by Division Rule 15.13.B, 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 5.9.

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". The signature is fluid and cursive, with a large initial "M" and a long, sweeping tail.

Mark E. Fesmire, P.E.
Acting Director

MEF/db

cc: New Mexico Oil Conservation Division – Artesia
United States Bureau of Land Management