



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jim Noel
Cabinet Secretary

Karen W. Garcia
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



November 17, 2010

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

Administrative Order NSL-6301

**Re: Burch Keely Unit Well No. 608
API No. 30-015
2190 feet FNL & 130 feet FEL
Unit I, Section 23-17S-29E
Eddy County, New Mexico**

Dear Ms. Odom:

Reference is made to the following:

(a) your application (**administrative application reference No. pTGW10-32133215**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on November 17, 2010, and

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

COG Operating, LLC (COG) has requested to drill the above-referenced well as a directional well. The well will be drilled from the surface location described in the caption of this letter to an unorthodox bottom hole location in the Grayburg-Jackson; Seven Rivers-Queen-Grayburg-Sand Andres Pool, 1980 feet from the South line and 10 feet from the East line (Unit I) of Section 23, Township 17 South, Range 29 East, in Eddy County, New Mexico. The NE/4 SE/4 of Section 23 will be dedicated to this well in order to form a standard 40-acre, more or less, spacing unit in the Grayburg-Jackson; Seven Rivers-Queen-Grayburg-Sand Andres Pool (28509).

Spacing in this pool is governed by statewide Rule 15.9, which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary. The proposed bottom hole location for this well is less than 330 feet from the eastern unit boundary.

Oil Conservation Division

1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3440 • Fax (505) 476-3462 • www.emnrd.state.nm.us/OCD



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

It is our understanding that you are seeking this location to avoid interference with existing pipelines.

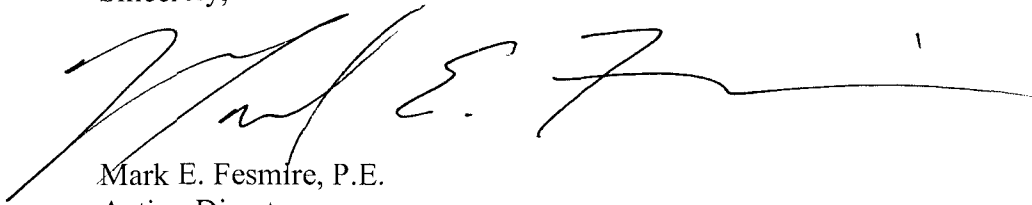
It is also understood that notice of this application to offsetting operators or owners is unnecessary due to common ownership.

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', followed by a long horizontal line extending to the right.

Mark E. Fesmire, P.E.
Acting Director

MEF/db

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