



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

December 04, 2007

Phyllis Edwards
Regulatory Analyst
COG Operating, LLC
550 W. Texas
Midland, Texas 79701

RE: **Harper State Well No. 13 (API No. 30-015-35657)
375 feet FSL & 1500 feet FWL (Unit N) (Unorthodox)
SE/4SW/4 of Section 16, T-17 -S, R-30-E,
NMPM, Eddy County, New Mexico**

Administrative Order NSL-5724

Dear Ms Edwards:

Reference is made to the following:

(a) your application (**administrative application reference No. pTDS0728549108**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on October 12, 2007; and

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

COG Operating, LLC, requests to drill its Harper State Well No. 13 (**API No. 30-015-35657**) at an unorthodox Loco Hills; Glorieta-Yeso oil well location as referenced above in Section 16, Township 17 South, Range 30 East, N.M.P.M., in Eddy County, New Mexico.

The SE/4SW/4 of Section 16 will be dedicated to this well to form a standard 40-acre oil spacing and proration unit. COG Operating, LLC, intends to test the Loco Hills; Glorieta-Yeso Oil Pool (96718). This pool is governed by the Division's Statewide Rules and Regulations which provide for wells on 40-acre spacing units to be located no closer than 330 feet to a quarter-quarter section line.

The location of the well is due to the presence of a pipeline in the area and COG does not wish to drill a directional well to cut drilling costs.

Your application has been duly filed under the provisions of Division Rules 104. F. It is our understanding that the offsetting acreage has interest ownership identical in all respects, therefore no notice of this application is required.

Pursuant to the authority granted under the provisions of Division Rules 104. F(2), the above-described unorthodox Loco Hills; Glorita-Yeso oil pool location is hereby approved.

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 long horizontal flourish extending to the right.

Mark E. Fesmire, P.E.
Director

MEF/re

cc: New Mexico Oil Conservation Division - Artesia