



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

April 23, 2007

EOG Resources, Inc.  
c/o Ms. Ocean Munds-Dry  
Holland & Hart, LLP  
P.O. Box 2208  
Santa Fe, NM 87504

## **Administrative Order SD-200713**

Re: EOG Resources, Inc.  
Potomac A 9 Fee Well No. 1H  
API No. 30-015-35369  
Unit A, Section 9, Twsp 16S, Range 25E  
Eddy County

Dear Ms. Munds-Dry:

Reference is made to the following:

(a) your application (**administrative SD application reference No. pCLP07-08825932**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on March 28, 2007, on behalf of EOG Resources, Inc. (EOG); and

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

EOG has requested to simultaneously dedicate the N/2 of Section 9, Township 16 South, Range 25 East, NMPM, in Eddy County to its proposed Potomac A 9 Fee Well No. 1H (API No. 30-015-35369) and to its existing Potomac A 9 Fee Well No. 2H (API No. 30-015-35281).

The Potomac A 9 Fee Well No. 2H is a horizontal gas well completed in the Wolfcamp formation, projected from a standard surface location and penetration point 1880 feet from the North line and 660 feet from the East line (Unit H) of Section 9 to an orthodox terminus 1880 feet from the North line and 660 feet from the West line (Unit E) of the same section.

EOG proposes to complete the Potomac A 9 Fee Well No. 1H as a horizontal well in the Wolfcamp formation, projected from an unorthodox surface location 290 feet from the North line and 200 feet from the East line (Unit A) of Section 9 to an orthodox penetration point of the Wolfcamp, 760 feet from the North line and 660 feet from the East line (Unit A) of Section 9, and thence to an orthodox terminus 760 feet from the North line and 660 feet from the West line (Unit D) of the same section. The N/2 of Section 9 is a standard 320-acre unit in the undesignated Cottonwood Creek-Wolfcamp Gas Pool (75250).

Spacing in the Cottonwood Creek-Wolfcamp Gas Pool is governed by Statewide Rule 104.C(2), which allows two wells to be completed in a 320-acre unit, but requires that the wells be in different quarter sections. Because both the proposed well and the existing well will be completed within both quarter sections of this 320-acre unit, division approval for simultaneous dedication is required.

Your application on behalf of EOG has been duly filed under the provisions of Division Rules 104.D(3) and 1210.A.

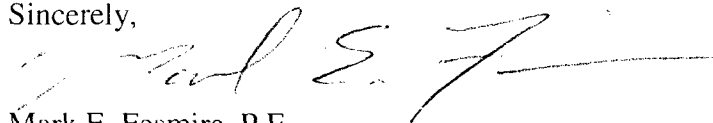
It is our understanding that EOG has proposed the simultaneous dedication of this unit to the two wells described for geological reasons, in order to prevent waste and maximize production from this unit.

We further understand that all "affected persons" in all offsetting units within the Wolfcamp formation where EOG does not own 100% of the working interest have been duly notified of the filing of this application.

Pursuant to the authority granted to the Division by Rule 104.D(3), the above-described simultaneous dedication is hereby approved.

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 - Artesia