



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



August 6, 2008

Ms. Ocean Munds-Dry  
Holland & Hart, LLP  
P.O. Box 2208  
Santa Fe, NM 87504

**Administrative Order NSL-5890**

**Re: Chesapeake Operating, Inc.**  
**Langley Deep Well No. 2H**  
**API No. 30-025-**  
**Unit B, Section 28-22S-36E**  
**Lea County**

Dear Ms Munds-Dry:

Reference is made to the following:

(a) your application (**administrative application reference No. pKVR08-19330078**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico, on behalf of Chesapeake Operating, Inc. (Chesapeake), on July 10, 2008, and

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

Chesapeake has requested to drill the above-referenced well as a horizontal gas well in the Devonian 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: 330 feet from the North line and 1990 feet from the East line  
(Unit B) of Section 28, Township 22S, Range 36E, NMPM  
Lea County, New Mexico

Point of Penetration: 330 feet from the North line and 1980 feet from the East line  
(Unit B) of said Section 28

Terminus 1980 feet from the North line and 660 feet from the East line.  
(Unit H) of said Section 28.



August 11, 2008

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The N/2 of Section 28 will be dedicated to the proposed well to form a standard 320-acre spacing unit and project area in the Langley-Devonian Gas Pool (79936). This pool is governed by statewide Rule 104.C(2), which provides for 320-acre units, with wells located at least 660 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 northern boundary of the project area, and therefore outside the producing area.

Your application on behalf of Chesapeake 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 for engineering reasons, in order to achieve maximum penetration of the target zone in the horizontal portion of the wellbore.

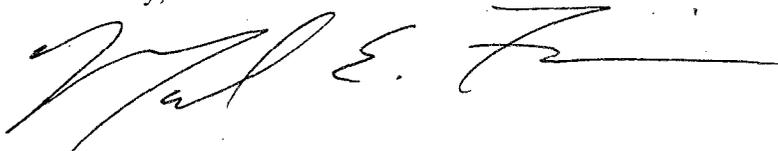
It is also understood that you have given due notice of this application to all operators or owners who are "affected persons," as defined in Rule 1210.A(2), in all adjoining units towards which the proposed location encroaches.

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', written in a cursive style.

Mark E. Fesmire, P.E.

Director

MEF/db

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