



New Mexico Energy, Minerals and Natural Resources Department

---

**Susana Martinez**  
Governor

**John H. Bemis**  
Cabinet Secretary-Designate

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**Daniel Sanchez**  
*Acting Division Director*  
**Oil Conservation Division**



April 6, 2011

Devon Energy Production Company, L.P.  
Attn: Ms. Katie A. McDonnell  
20 North Broadway  
Oklahoma City, OK 73102-8260

**Administrative Order NSL-6362**

**Re: Thistle Unit Well No. 20H**  
**API No. 30-025-40015**  
**150 feet from the North and West lines**  
**Unit D, Section 27-23S-33E**  
**Lea County, New Mexico**

Dear Ms McDonnell:

Reference is made to the following:

(a) your application (**administrative application reference No. pTGW11-07039792**) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on March 11, 2011, and

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

Devon Energy Production Company, L.P. (Devon) [OGRID 6137] has requested to drill the above-referenced well as a horizontal well in the Delaware formation, at a location that will be unorthodox under Division Rule 16.14.B(2). The proposed surface location, point of penetration and terminus of the well are as follows:

Surface Location: 150 feet from the North and West lines  
(Unit D) of Section 27, Township 23S, Range 33E, NMPM,  
Lea County, New Mexico

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](http://www.emnrd.state.nm.us/OCD)



Point of Penetration: same as surface location

Terminus 150 feet from the South line and 1170 feet from the West line  
(Unit M) of said section

The W/2 W/2 of Section 27 will be dedicated to the proposed well to form a project area comprising four standard, 40-acre oil spacing units in the undesignated Brinninstool Delaware Pool (96193). 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. This location is unorthodox because portions of the producing interval will be less than 330 feet from the boundaries of the project area, and therefore outside the producing area.

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 for engineering reasons, in order to maximize the portion of the target zone within the producing area that will be penetrated by 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 4.12.A(2), in all adjoining units towards which the proposed location encroaches.

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,



J. Daniel Sanchez  
Acting Director

JDS/db

cc: New Mexico Oil Conservation Division - Hobbs  
New Mexico State Land Office - Santa Fe