



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

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Mark E. Fesmire, P.E.

Director

Oil Conservation Division

August 13, 2007

Southwestern Energy Production Company  
2350 N. Sam Houston Parkway East  
Suite 300  
Houston, Texas 77032

Attention: Mr. J. Alan Grimsley

Re: **Pickett Draw 16 Well No. 2-H**  
**API No. N/A**  
**Surface Location: 2600' FNL & 1530' FEL, Unit G**  
**Bottomhole Location: 200' FNL & 1530' FEL, Unit B**  
**Section 16, T-25 South, R-29 East, NMPM,**  
**Eddy County, New Mexico**

AUG 27 2007  
OCD-ARTESIA

*Administrative Order NSL-5664*

Dear Mr. Grimsley:

Reference is made to the following:

- (a) Southwestern Energy Production Company's ("Southwestern") application for a non-standard well location (*administrative application reference No. pCLP0717840840*) for the Pickett Draw 16 Well No. 2-H that was submitted to the New Mexico Oil Conservation Division ("Division") in Santa Fe, New Mexico on June 26, 2007; and
- (b) the Division's records pertinent to your request.

Southwestern requests approval of an unorthodox well location for its proposed Pickett Draw 16 Well No. 2-H in the **Undesignated West Corral Canyon-Delaware Pool** (Oil – 13365), which is to be drilled as a horizontal producing well from an unorthodox surface location 2600 feet from the North line and 1530 feet from the East line (Unit G), to an unorthodox bottomhole location 200 feet from the North line and 1530 feet from the East line (Unit B) of Section 16, Township 25 South, Range 29 East, NMPM, Eddy County, New Mexico. The well is to be dedicated to an 80-acre "Project Area" comprising the W/2 NE/4 of Section 16.

It is our understanding that the Pickett Draw 16 Well No. 2-H will penetrate the pay zone within the Delaware formation at a location approximately 2123 feet from the North line and 1530 feet from the East line of Section 16, and that the well will then be drilled horizontally a distance of approximately 1923 feet to an unorthodox bottomhole location.

The West Corral Canyon-Delaware Pool is currently governed by Division Rule 19.15.3.104(B).

Division records show that the Pickett Draw 16 Well No. 2-H will be the first well producing from the West Corral Canyon-Delaware Pool within the proposed project area.

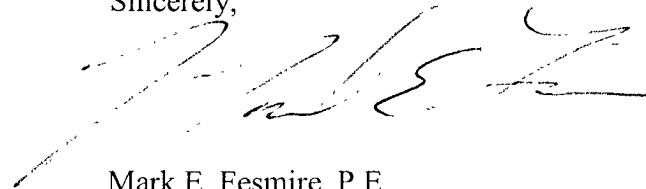
The proposed unorthodox surface and bottomhole locations are necessary in order to maximize the horizontal extent of the wellbore, and in order to penetrate the pay zone in an area of maximum pay thickness.

Southwestern stated in its application that no perforations within the well will be placed closer than 330 feet to the outer boundary of the project area.

Pursuant to Division Rule 19.15.3.104(F), the applicant has provided notice of this application to all affected offset operators and/or interest owners. No objection has been received by the Division within the 20-day waiting period prescribed by Division Rule 19.15.3.104(F)(4).

Pursuant to the authority granted under the provisions of Division Rule 19.15.3.104.F(2), the above-described unorthodox surface and bottomhole well location in the Undesignated West Corral Canyon-Delaware Pool is hereby approved.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark E. Fesmire', is written over a horizontal line.

Mark E. Fesmire, P.E.  
Division Director

MEF/drc

cc: New Mexico Oil Conservation Division - Artesia