



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

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Mark E. Fesmire, P.E.

Director

Oil Conservation Division

August 30, 2007

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

SEP 06 2007  
OCD-ARTESIA

Attention: Mr. J. Alan Grimsley

Re: **Corral Fly Federal Well No. 4-H**  
**API No. N/A**  
**Surface Location: 2320' FNL & 990' FWL, Unit E**  
**Bottomhole Location: 200' FNL & 660' FWL, Unit D**  
**Section 10, T-25 South, R-29 East, NMPM,**  
**Eddy County, New Mexico**

*Administrative Order NSL-5680*

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. pTDS0721452063*) for the Corral Fly Federal Well No. 4-H that was submitted to the New Mexico Oil Conservation Division ("Division") in Santa Fe, New Mexico on August 2, 2007; and
- (b) the Division's records pertinent to your request.

Southwestern requests approval of an unorthodox well location for its proposed Corral Fly Federal Well No. 4-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 2320 feet from the North line and 990 feet from the West line (Unit E), to an unorthodox bottomhole location 200 feet from the North line and 660 feet from the West line (Unit D) of Section 10, 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 NW/4 of Section 10.

It is our understanding that the Corral Fly Federal Well No. 4-H will penetrate the pay zone within the Delaware formation at a location approximately 1848 feet from the North line and 916 feet from the West line of Section 10, and that the well will then be drilled horizontally a distance of approximately 1648 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 Corral Fly Federal Well No. 4-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.

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,

Mark E. Fesmire, P.E.  
Division Director

MEF/drc

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