

## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

August 31, 2007

Apache Corporation c/o Mr. James Bruce P.O. Box 1056 Santa Fe, NM 87504

**Administrative Order NSL-5683** 

Re:

Hawk B-1 Well No. 61

P-8-21S-37E Lea County

Dear Mr. Bruce:

Reference is made to the following:

- (a) your application (administrative application reference No. pTDS07-21849779) submitted to the New Mexico Oil Conservation Division (the Division) in Santa Fe, New Mexico on August 6, 2007, on behalf of Apache Corporation (Apache),
- **(b)** copy of "Cooperative Well Agreement (for the Hawk B-1 #612 Well)" between Apache, BP America Production Company, Chevron U.S.A. Inc. and Campbell & Hedrick; and
  - (c) the Division's records pertinent to your request.

Apache has requested to drill its Hawk B-1 Well No. 61 at an unorthodox Blinebry, Tubb and Drinkard oil well location, 170 feet from the South line and 1180 feet from the East line (Unit P) of Section 8, Township 21 South, Range 37 East, N.M.P.M., in Lea County, New Mexico. The SE/4 SE/4 of Section 8 will be dedicated to this well in order to form a standard 40-acre spacing and proration unit in the North Eunice Blinebry-Tubb-Drinkard Pool (22900).

This location is governed by Rule 2 of the Special Rules and Regulations for the North Eunice Blinebry-Tubb-Drinkard Pool, as adopted by Order R-8539, and amended by Order R-8539-A and R8541-B, effective September 24, 1990, which provides that a well shall be located at least 330 feet from any unit boundary. The proposed location is approximately 130 feet and 140 feet, respectively from the southern and western unit boundaries.

Your application on behalf of Apache has been duly filed under the provisions of Division Rules 104.F and 1210.A(2).

It is our understanding that this location is being requested because Apache's geologic interpretation indicates that the well can tap into stranded reserves located on the margins of existing spacing units that cannot be effectively drained by wells located at standard locations.

We also understand that the parties to the cooperative well agreement filed with this application collectively own 100% of the working interest in all units towards which this location encroaches, as well as the unit that will be dedicated to this well. Accordingly, no notice of this application is required.

Pursuant to the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox well location 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 - Hobbs