



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

Joanna Prukop  
Cabinet Secretary

July 21, 2003

Lori Wrotenbery

Director

Oil Conservation Division

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

*Administrative Order NSL-4923*

Dear Mr. Bruce:

Reference is made to the following: (i) your initial application (*administrative application reference No. pKRV0-313329552*) that was submitted to the New Mexico Oil Conservation Division ("Division") on May 9, 2003; (ii) the Division's initial response by letter dated May 13, 2003 from Mr. Michael E. Stogner, Engineer/Chief Hearing Officer in Santa Fe denying this application; (iii) yours and Mr. Stogner's meeting with various Apache Corporation representatives on Wednesday morning, May 14, 2003; (iv) your re-submittal of this application with amendments to the Division on May 28, 2003; (v) your telefax transmission to Mr. Stogner on June 4, 2003 with information concerning this application; (vi) your e-mail to Mr. Stogner on July 21, 2003 seeking the status of this request; and (vii) the Division's records in Santa Fe: all concerning Apache Corporation's request for an unorthodox oil well location in the Blinebry Oil and Gas Pool (6660), Tubb Oil and Gas Pool (60240), and Drinkard Pool (19190) for its proposed Hawk "B-1" Well No. 34 to be drilled 1040 feet from the South line and 1470 feet from the West line (Unit N) of Section 9, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

The SE/4 SW/4 (Unit N) of Section 9, being a standard 40-acre oil spacing and proration unit for all three intervals, is to be dedicated to this well.

This application has been duly filed under the provisions of: (i) Division Rules 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999; (ii) the "*Special Rules and Regulations for the Blinebry Oil and Gas Pool*", as promulgated by Division Order No. R-8170, as amended; and (iii) the "*Special Rules and Regulations for the Tubb Oil and Gas Pool*", as promulgated by Division Order No. R-8170, as amended.

It is the Division's understanding that the S/2 of Section 9, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, is included within a single federal lease (U. S. Government lease No. NM-90161) with common mineral interests in which Apache Corporation is the leasehold operator; therefore, there are no adversely affected interests to the proposed 40-acre oil spacing and proration unit within the Blinebry, Tubb, and Drinkard intervals.

Approval of the proposed unorthodox oil well location request should enable Apache Corporation to further develop and deplete the Blinebry, Tubb, and Drinkard intervals within its Hawk "B-1" federal lease that might not otherwise be recovered.

By the authority granted me under the provisions of Division Rules 104.F (2), as revised, and the applicable provisions of the special pool rules governing both the Blinebry Oil and Gas Pool and Tubb Oil and Gas Pool, the above-described unorthodox oil well location of Apache Corporation's proposed Hawk "B-1" Well No. 34 is hereby approved for the Blinebry Oil and Gas Pool, Tubb Oil and Gas Pool, and Drinkard Pool.

Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Wrotenbery", followed by a long, sweeping horizontal flourish.

Lori Wrotenbery  
Director

LW/mes

cc: New Mexico Oil Conservation Division – Hobbs  
U. S. Bureau of Land Management - Carlsbad



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

December 20, 2004

**Mark E. Fesmire, P.E.**

Director

Oil Conservation Division

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

*Administrative Order NSL-5142*

Dear Mr. Bruce:

Reference is made to the following: (i) your application (*administrative application reference No. pSEM0-430130955*) that was submitted to the New Mexico Oil Conservation Division ("Division") on October 26, 2004; (ii) your e-mail correspondence with Mr. Michael E. Stogner, Engineer/Chief Hearing Officer in Santa Fe on December 3, 2004; and (iii) the Division's records in Santa Fe: all concerning Apache Corporation's request for an unorthodox oil well location in the Blinebry Oil and Gas Pool (6660), Tubb Oil and Gas Pool (60240), and Drinkard Pool (19190) for its proposed Hawk "B-1" Well No. 42 to be drilled 1365 feet from the South line and 1420 feet from the East line (Unit J) of Section 8, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

The NW/4 SE/4 (Unit J) of Section 8, being a standard 40-acre oil spacing and proration unit for all three intervals, is to be dedicated to this well.

This application has been duly filed under the provisions of: (i) Division Rules 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999; (ii) the "*Special Rules and Regulations for the Blinebry Oil and Gas Pool*", as promulgated by Division Order No. R-8170, as amended; and (iii) the "*Special Rules and Regulations for the Tubb Oil and Gas Pool*", as promulgated by Division Order No. R-8170, as amended.

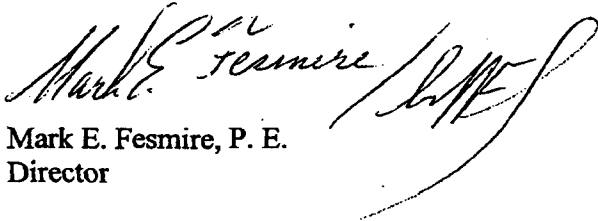
It is the Division's understanding that the E/2 SW/4 and the SE/4 of Section 8 and the E/2 NW/4 and the S/2 of Section 9, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, comprises a single federal lease (U. S. Government lease No. NM-90161) with common mineral interests in which Apache Corporation is the leasehold operator; therefore, there are no adversely affected interests to the proposed 40-acre oil spacing and proration unit within the Blinebry, Tubb, and Drinkard intervals.

Approval of the proposed unorthodox oil well location request should enable Apache Corporation to further develop and deplete the Blinebry, Tubb, and Drinkard intervals within its Hawk "B-1" federal lease that might not otherwise be recovered.

By the authority granted me under the provisions of Division Rules 104.F (2), as revised, and the applicable provisions of the special pool rules governing both the Blinebry Oil and Gas Pool and Tubb Oil and Gas Pool, the above-described unorthodox oil well location of Apache Corporation's proposed Hawk "B-1" Well No. 42 is hereby approved for the Blinebry Oil and Gas Pool, Tubb Oil and Gas Pool, and Drinkard Pool.

Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Mark E. Fesmire, P. E.  
Director

MEF/ms

cc: New Mexico Oil Conservation Division – Hobbs  
U. S. Bureau of Land Management - Carlsbad



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

August 16, 2005

**Mark Fesmire**

Director

Oil Conservation Division

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

*Administrative Order NSL-5254*

Dear Mr. Bruce:

Reference is made to the following: (a) your application (*administrative application reference No. pSEM0-521437516*) that was submitted to the New Mexico Oil Conservation Division ("Division") in Santa Fe, New Mexico on July 27, 2005; and (b) the Division's records in Hobbs and Santa Fe including the files on Division Administrative Orders NSL-4923 and NSL-5142: all concerning Apache Corporation's request for: (i) a non-standard infill oil well within an existing standard 40-acre oil spacing and proration unit in the Drinkard Pool (19190); and (ii) an unorthodox oil well location in the Blinebry Oil and Gas Pool (6660), Undesignated Tubb Oil and Gas Pool (60240), and Wantz-Abo Pool (62700), for its proposed Hawk "B-1" Well No. 45 to be drilled 1332 feet from the South line and 2629 feet from the West line (Unit K) of Section 8, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

This application has been duly filed under the provisions of: (i) Division Rules 104.F and 1207.A (2); (ii) the "*Special Rules and Regulations for the Blinebry Oil and Gas Pool*", as promulgated by Division Order No. R-8170, as amended; and (iii) the "*Special Rules and Regulations for the Tubb Oil and Gas Pool*", as promulgated by Division Order No. R-8170, as amended.

Drinkard oil production from this well is to be included within an existing standard 40-acre oil spacing and proration unit for the Drinkard Pool comprising the NE/4 SW/4 (Unit K) of Section 8, which is currently dedicated to Apache Corporation's existing Hawk "B-1" Well No. 15 (API No. 30-025-26266) located at a standard oil well location 2093 feet from the South line and 1867 feet from the West line of Section 8.

The proposed Hawk "B-1" Well No. 45 will be an initial well within this standard 40-acre oil spacing and proration unit for a completion in the Blinebry, Tubb, and Abo intervals.

It is the Division's understanding that the E/2 SW/4 and the SE/4 of Section 8 and the E/2 NW/4 and the S/2 of Section 9, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, comprises a single federal lease (*U. S. Government lease No. NM-90161*) with common mineral interests in which Apache Corporation is the leasehold operator; therefore, there are no adversely affected interests to the proposed 40-acre oil spacing and proration unit within these four oil-bearing intervals.

Approval of the proposed unorthodox oil well location request should enable Apache Corporation to further develop and deplete the Blinebry, Tubb, Drinkard, and Abo intervals within its Hawk "B-1" federal lease that might not otherwise be recovered.

Apache Corporation  
August 16, 2005  
Page 2

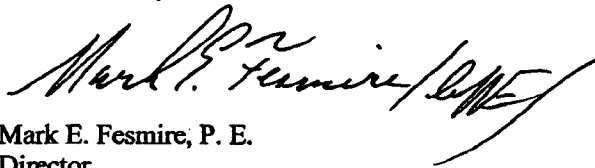
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Division Administrative Order NSL-5254

By the authority granted me under the provisions of Division Rules 104.F (2) and the applicable provisions of the special pool rules governing both the Blinebry Oil and Gas Pool and Tubb Oil and Gas Pool, the above-described unorthodox oil well location of Apache Corporation's proposed Hawk "B-1" Well No. 45 is hereby approved for the Blinebry Oil and Gas Pool, Undesignated Tubb Oil and Gas Pool, Drinkard Pool, and Wantz-Abo Pool.

Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark E. Fesmire", followed by a stylized flourish or set of initials.

Mark E. Fesmire, P. E.  
Director

MEF/ms

cc: New Mexico Oil Conservation Division – Hobbs  
U. S. Bureau of Land Management – Carlsbad  
File: NSL-4924 (SD)  
NSL-5142



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

September 19, 2005

**Mark E. Fesmire, P.E.**

Director

Oil Conservation Division

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

*Administrative Order NSL-5280 (SD)*

Dear Mr. Bruce:

Reference is made to the following: (i) your application (*administrative application reference No. pSEM0-522745880*) on behalf of the operator, Apache Corporation, that was submitted to the New Mexico Oil Conservation Division ("Division") in Santa Fe, New Mexico on August 15, 2005; and (ii) the Division's records in Hobbs and Santa Fe: all concerning Apache Corporation's request for exceptions to:

(a) the oil well location provisions of the "*Special Rules and Regulations for the Blinebry Oil and Gas Pool*," as promulgated by Division Order No. R-8170, as amended;

(b) the oil well location provisions of the "*Special Rules and Regulations for the Tubb Oil and Gas Pool*," as promulgated by Division Order No. R-8170, as amended; and

(c) Division Rule 104.B (1).

It is the Division's understanding that Apache Corporation proposes to drill its Hawk "B-1" Well No. 46 at an unorthodox oil well location in the Blinebry Oil and Gas (6660), Tubb Oil and Gas (60240), Drinkard (19190); and Wantz-Abo (62700) Pools 1475 feet from the South line and 80 feet from the East line (Unit I) of Section 8, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

Oil production from the Blinebry Oil and Gas Pool is to be included within an existing standard 40-acre oil spacing and proration unit comprising the NE/4 SE/4 (Unit I) of Section 8, which is currently dedicated to Apache Corporation's Hawk "B-1" Well No. 11 (API No. 30-025-06434), located at a standard oil well location 1980 feet from the South line and 660 feet from the East line of Section 8.

Also, oil production from the Drinkard Pool is to be included within an existing standard 40-acre oil spacing and proration unit comprising the SE/4 NE/4 (Unit H) of Section 8, which is currently dedicated to Apache Corporation's above-described Hawk "B-1" Well No. 11.



Apache Corporation's proposed Hawk "B-1" Well No. 46 will be an initial well within this standard 40-acre oil spacing and proration unit (NE/4 SE/4 of Section 8) for an oil completion in the Tubb, and Abo intervals.

It is the Division's understanding that the E/2 SW/4 and the SE/4 of Section 8 and the E/2 NW/4 and the S/2 of Section 9, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, comprises a single federal lease (*U. S. Government lease No. NM-90161*) with common mineral interests in which Apache Corporation is the leasehold operator; therefore, there are no adversely affected interests to the proposed 40-acre oil spacing and proration unit within these four oil-bearing intervals.

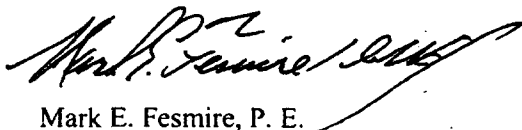
Approval of the proposed unorthodox oil well location request should enable Apache Corporation to further develop and deplete the Blinebry, Tubb, Drinkard, and Abo intervals within its Hawk "B-1" federal lease that might not otherwise be recovered.

By the authority granted me under the provisions of Division Rules 104.F (2) and 605.B and the applicable provisions of the special pool rules governing both the Blinebry Oil and Gas Pool and Tubb Oil and Gas Pool, the above-described unorthodox oil well location of Apache Corporation's proposed Hawk "B-1" Well No. 46 is hereby approved for the Blinebry Oil and Gas Pool, Undesignated Tubb Oil and Gas Pool, Drinkard Pool, and Wantz-Abo Pool.

If after completion within the Blinebry and Tubb formations, production from either zone is classified as "gas," the operator shall request an amendment to this order seeking such relief as deemed appropriate and in compliance with the special rules governing both prorated gas pools.

Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Mark E. Fesmire, P. E.  
Director

MEF/ms

cc: New Mexico Oil Conservation Division – Hobbs  
U. S. Bureau of Land Management – Carlsbad