



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

February 10, 1981

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Mr. L. P. Thompson
Division Manager
Conoco Inc.
Box 460
Hobbs, New Mexico 88240

Re: DHC-23
Hawk A Well No. 4

Dear Mr. Thompson:

Based upon test data submitted by your letter of January 30, 1981, Conoco Inc. is hereby authorized to utilize the following percentages when allocating commingled production from the subject well.

| <u>Zone</u> | <u>Oil Percentage</u> | <u>Gas Percentage</u> |
|-------------|-----------------------|-----------------------|
| Blinebry | 73 | 31 |
| Drinkard | 27 | 69 |

Yours very truly,

JOE D. RAMEY
Director

JDR/RLS/fd



L. P. Thompson
Division Manager

John R. Kemp
Assistant Division Manager

Production Department
Hobbs Division
North American Production

Conoco Inc.
P. O. Box 460
1001 North Turner
Hobbs, NM 88240
(505) 393-4141

January 30, 1981

New Mexico Oil and Conservation Division
Department of Energy and Minerals
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Dick Stamets

Dear Mr. Stamets:

Request for Allowable Assignment and Percentage Allocation
Order No. DHC-23: Hawk A No. 4

Conoco Inc. requests an allowable assignment and a percentage allocation for the Hawk A No. 4. The original downhole commingle order was approved in January 1970 without these assignments. A copy of the original letter stating this fact and recommending test procedures is attached.

Mechanical problems caused the 1970 attempt to downhole commingle in this well to be abandoned. Higher oil prices have renewed our interest in producing this well. In August 1980 we discussed the testing procedures with Jerry Sexton of your Hobbs office. Then we proceeded to test each zone for a one month period with the following results:

| <u>ZONE</u> | <u>TEST DATE</u> | <u>BOPD</u> | <u>BWPD</u> | <u>MCFGPD</u> | <u>STATIC BHP</u> | <u>LIFT</u> |
|-------------|------------------|-------------|-------------|---------------|-------------------|-------------|
| Blinebry | 1-25-81 | 16 | 0 | 9 | 324 PSIA | P.U. |
| Drinkard | 11-17-80 | 6 | 30 | 20 | 516 PSIA | P.U. |

Based on these test we recommend 73% of oil production and 31% of gas production be allocated to the Blinebry Zone, and also 27% of oil production and 69% of gas production be allocated to the Drinkard Zone.

An allowable and a percentage allocation for the Hawk A Well No. 4 is respectfully requested.

Yours very truly,

MJJ:agm
Attachment

cc: NMOCD - Hobbs