



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