

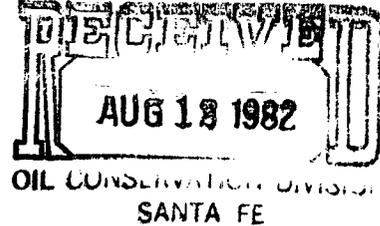


Mark K. Mosley  
 Division Manager  
 Production Department  
 Hobbs Division  
 North American Production

Conoco Inc.  
 P. O. Box 460  
 726 E. Michigan  
 Hobbs, NM 88240  
 (505) 393-4141

August 9, 1982

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



Attention: Mr. Dan Nutter

Dear Mr. Nutter:

Request for Approval to Downhole Commingle Hawk A No. 8

Conoco Inc. requests approval to downhole commingle production from the Blinebry Oil and Gas and Drinkard Zones in the subject well, located in Section 8, T21S, R37E, Lea County, New Mexico.

Hawk A No. 8 was temporarily abandoned in the Drinkard Oil Horizon and recompleted in the Blinebry Oil and Gas Horizon. Attached are two Form C-116's and two Form C-115's showing oil, gas and water production from each zone. A wellbore schematic, lease plat and letter to offset operators are also attached.

Current data from each zone is summarized as follows:

	Bottom-Hole Pressure	Production				
		BOPD	MCFGPD	BWPD	Oil Gravity	Oil Value
Blinebry	437	12	129	0	38.2	\$31.96
Drinkard	424	7	40	39	38.2	31.96

Ownership of both zones is common, and a copy of MMS notification is attached.

If any further information is required, please contact David G. Smylie, ext. 120 of this office.

Yours very truly,

*D. I. Wacker*

DGS/cyg

Attachments

cc: Minerals Management Service  
 P. O. Box 1857  
 Roswell, New Mexico 88201

FILE

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator **CONOCO INC.** Pool **Blinbry Oil & Gas** County **Lea**

Address **P.O. Box 460, Hobbs, NM 88240** TYPE OF TEST - (X)  Scheduled  Special

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	STATE	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T							R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
HAWK A	8	A	8	21	37	8/8/81	P open	55	75	24	3	39	30	271	10423

No well will be assigned an allowable greater than the amount of oil produced on the official test.  
 During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.  
 Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.  
 Report casing pressure in lieu of tubing pressure for any well producing through casing.  
 Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

  
 (Signature)  
**Administrative Supervisor**  
 (Title)

10-28-81  
 (Date)

Inc. Diary

NEW MEXICO OIL CONSERVATION COMMISSION  
GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator **Conoco Inc.** Pool **Drinkard** County **Lea**

Address **P.O. Box 460, Hobbs, NM 88240** TYPE OF TEST - (X)  Scheduled  Completion  Special

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL			
		U	S	T						R	WATER BBLs.	GRAV. OIL BBLs.		GAS M.C.F.		
Hawk A	8	A	8	21	37	2-25-81	P	Open	45	23	24.0	16	39.6	13	44	3,380

No well will be assigned an allowable greater than the amount of oil produced on the official test.  
 During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.  
 Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.  
 Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

*James A. Davis*  
 (Signature)

Administrative Supervisor

March 13, 1981  
 (Date)

# NEW MEXICO OIL CONSERVATION COMMISSION

P. O. BOX 2088 SANTA FE, NEW MEXICO  
OPERATOR'S MONTHLY REPORT

Conoco Inc. TEL 505 393-4141 BDX 460 HORAS N # 98240

(COMPANY OR OPERATOR)

(ADDRESS)

FORM MONTH MAY

B2 PAGE 215 OF

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., R1NG. AND WELL STATUS	WATER INJECTION			TOTAL LIQUIDS PRODUCED		GAS PRODUCED MCF	SO D G E	DISPOSITION OF GAS			DISPOSITION OF OIL				
		VOLUME	PRESSURE	MONTHLY OIL ALLOWABLE	ACTUAL BARRRELS PRODUCED	BARRRELS OF WATER PRODUCED			SOLD	TRANS-PORTER	OTHER	OIL ON HAND BEG. OF MONTH	BARRRELS TO TRANS-PORTER	TRANS-PORTER	OTHER	OIL END. OF MONTH
	<b>BLINEBRY OIL AND GAS</b>															
	<b>HAWK -A</b>															
71031741A	2 H 8 21S 37E P			155		40	20	454	31							
71031741A	3 E 9 21S 37E P			93		40	81	486	31							
71031741A	4 U 4 21S 37E P			775		121	81	308	31							
71031741A	5 D 9 21S 37E P			372		98	20	1866	30							
71031741A	7 C 8 21S 37E P			558		160	21	762	31							
71031741A	8 A 6 21S 37E P			2325		202	30	2446	24							
	<b>POOL TOTAL</b>			4278		661	172	6322								<b>TNM</b>

DISTRIBUTION

STATUS CODE

"OTHER" GAS DISPOSITION CODE

"OTHER" OIL DISPOSITION CODE

ORIGINAL TO OCC. SANTA FE  
ONE COPY TO OCC. DIST. OFFICE  
ONE COPY TO TRANSPORTER(S)

F . . . FLOWING  
P . . . PUMPING  
G . . . GAS LIFT  
S . . . SHUT IN  
T . . . TEMP. ABANDONED  
I . . . INJECTION  
D . . . DISCONTINUED

X . . . USED OFF LEASE  
D . . . USED FOR DRILLING } (DETAIL ON FORM C-111)  
L . . . GAS LIFT  
E . . . LOST (MCF ESTIMATED)  
R . . . EXPLANATION ATTACHED  
V . . . REPRESSURING OR PRESSURE MAINTENANCE  
U . . . VENTED  
U . . . USED ON LEASE

C . . . CIRCULATING OIL  
L . . . LOST  
S . . . SEDIMENTATION (GS & W)  
E . . . EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND CORRECT.  
THE BEST OF MY KNOWLEDGE.

(SIGNATURE)

(DATE)

# NEW MEXICO OIL CONSERVATION COMMISSION

P. O. BOX 2088 SANTA FE, NEW MEXICO  
OPERATOR'S MONTHLY REPORT

Conoco Inc. TEL 505 393-4141 BOX 460 HOBBBS N M 88240 FOR MONTH **MAY** PAGE **316**

(COMPANY OR OPERATOR)

(ADDRESS)

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME, WELLS, TWP., RANG. WELL NO. UNIT WELL STATUS AND WELL STATUS	TOTAL LIQUIDS PRODUCED				GAS PRODUCED MCF	SALES	DISPOSITION OF GAS			DISPOSITION OF OIL							
		VOLUME	PRESSURE	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED			BARRELS OF WATER PRODUCED	SOLD	TRANS-PORTER	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	TRANS-PORTER	OTHER	C O D E	
	<b>DRINKARD</b>																	
	<b>HAWK -A</b>																	
71031741A	2 H 8 21S 37E P			217	80	60	604	31										
71031741A	3 E 9 21S 37E P			186	61	60	1167	31										
71031741A	4 U 4 21S 37E P			372	40	60	664	31										
71031741A	5 D 9 21S 37E P			248	80		1280	31										
71031741A	6 G 8 21S 37E P			310	195	20	4532	30										
71031741A	7 C 8 21S 37E P			434	120		470	31										
71031741A	8 A 6 21S 37E S			403														
71031741A	9 C 8 21S 37E P			2170	897	641	9263	31		9263	CTY							TMM
	<b>POOL TOTAL</b>																	

**DISTRIBUTION** STATUS CODE "OTHER" GAS DISPOSITION CODE "OTHER" OIL DISPOSITION CODE

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ONE COPY TO OCC. DIST. OFFICE  
ONE COPY TO TRANSPORTER(S)

F... FLOWING  
P... PUMPING  
G... GAS LIFT  
S... SHUT IN  
T... TEMP. ABANDONED  
I... INJECTION  
D... DISCONTINUED

X... USED OFF LEASE  
D... USED FOR DRILLING  
G... GAS LIFT  
L... LOST (MCF ESTIMATED)  
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V... VENTED  
U... USED ON LEASE

C... CIRCULATING OIL  
L... LOST  
S... SEDIMENTATION (BS & W)  
E... EXPLANATION ATTACHED

THE BEST OF MY KNOWLEDGE. I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE.

(SIGNATURE) \_\_\_\_\_ (DATE) \_\_\_\_\_

(POSITION) \_\_\_\_\_

ELEVATION: 3520' KB

ZERO: 12' AGL

990' FNL ± 660' FEL  
SEL 8-T215-R37E

COMPLETION & WORKOVER HISTORY:

11-17-80: PERF (DRINKARD) 6573'-6860'

ACID FRAC w/18,564 GAL 40# GELLED TFW,  
16,338 GAL 28% HCL, ± 2940 GAL

SLICK WATER (6999'-6860')

ACID FRAC (6573'-6633') w/9324 GAL  
40# GELLED TFW, 10,080 GAL 28% HCL,  
± 2723 GAL SLICK WATER

1-14-81: SET CNT RETAINER @ ± 6785'

SQUEEZED 6775'-6860' w/75 SX

4-4-81: SET BAKER LOC-SET RBP @ ± 6050'

PERF (BLINEBRY) 5673'-5913'

FRAC'D w/64,008 GAL 40# GELLED TFW,  
105,273# 20/40 SAND, ± 7938# 10/20 SAND.

8 3/4" 24# X-55 @ 1294' w/575 SX (CIRC)

191 JTS 2 3/8" TBB

SN @ ± 5921'

OEMA @ ± 5952'

LOK-SET RETRIEVING TOOL

5673, 5675, 5692  
5694, 5709, 5712  
5740, 5743, 5746  
5757, 5759, 5762  
5764, 5776, 5778  
5806, 5808, 5846  
5847, 5861, 5863  
5877, 5879, 5895  
5896, 5911, 5913

BAKER LOC-SET RBP @ ± 6050'

6573, 6577, 6581  
6594, 6597, 6602  
6613, 6616, 6630  
6633, 6699, 6703  
6709, 6715, 6721  
6732, 6733, 6747  
6751, 6754, 6759, 6770

1 JSPF

PBD @ ± 6775'

CNT RET @ ± 6785'

6775' - 1 JSPF - SQUEEZED

6797-6860' - 1 JSPF - SQUEEZED

5 1/2" 15.5# X-55 @ 6980' w/2590 SX  
(CIRC)

TD: 6980'

13-231-PR-7-79

Made By JLS

Conoco Inc.  
Calculation Sheet

Job No.

Checked By

Date 7-29-82

Title HAWK A #8

Field BLINEBRY/DRINKARD

Page 1 of 1

PRESENT

State N.M.

ELEVATION: 3520' KB

ZERO: 12' AGL

990' FNL E 660' FEL

SEC 8-T215-R37E

2 3/8" TUBING  
S.D. @ ± 6740'  
ORADLE PEELED SLOTTED MUD  
ANCHOR @ ± 6770'

8 5/8" 24# K-55 @ 1294 W/575 Sx (CIRC)

5673, 5675, 5692	w/1 JSPF
5694, 5709, 5712	
5740, 5743, 5746	
5757, 5758, 5762	
5764, 5776, 5778	
5806, 5808, 5846	
5847, 5861, 5863	
5877, 5879, 5895	
5896, 5911, 5913	

6573, 6577, 6581	w/1 JSPF
6594, 6597, 6602	
6613, 6616, 6630	
6633, 6699, 6703	
6709, 6715, 6721	
6732, 6733, 6747	
6751, 6754, 6758, 6770	

PBD @ ± 6775'  
CMT RET @ ± 6785'

6775' - w/1 JSPF - SQUEEZED

6797-6860' - w/1 JSPF - SQUEEZED

5 1/2" 15.5# K-55 @ 6980' W/2590 Sx (CIRC)

TD: 6980

13-231-PD, 7-79

Made By JLS

Checked By

Date 7-29-82

Page 1 of 1

Conoco Inc.  
Calculation Sheet

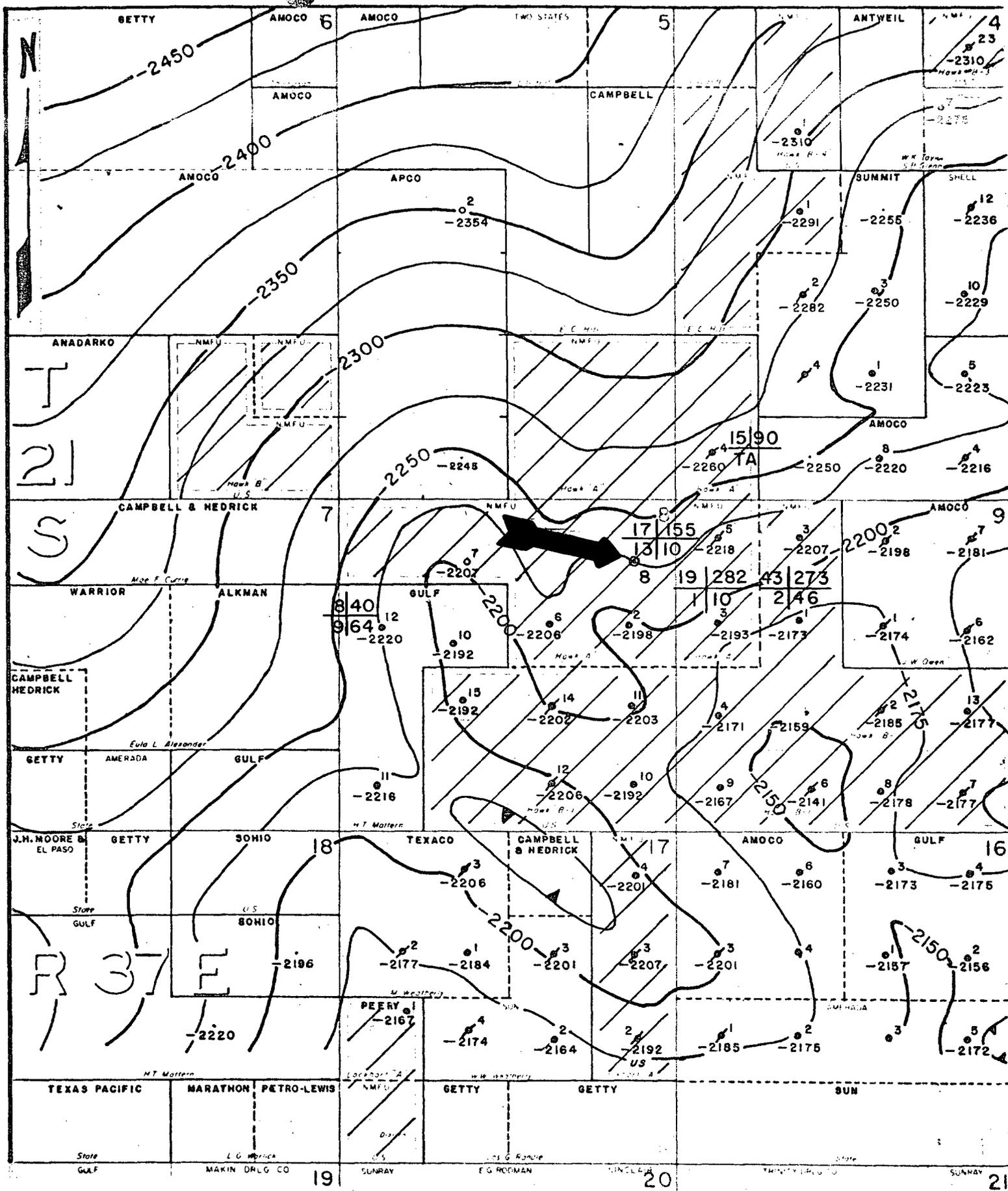
Title HAWK A #8

PROPOSED

Job No.

Field BLUEBRY / DRINKARD

State N.M.



MBO | MMCF  
BOPD | MCFPD

<b>CONOCO</b>	
PRODUCTION DEPARTMENT	HOBBS DIVISION
LEA COUNTY, NEW MEXICO BLINEBRY POOL C125	
SCALE 0 1000 2000 6-80 RFL	
<b>LEGEND:</b> ○ LOCATION ● OIL WELL ★ GAS WELL	◆ DRY HOLE ▲ INJECTION WELL ✱ ABANDONED WELL ✱ SHUT-IN WELL
⊕ SALT WATER ○ DISPOSAL WELL ○ DEEPER WELL - ○ ZONE UNTESTED	



Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P. O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141

August 9, 1982

Gulf Oil Exploration and Production Company  
P. O. Box 1150  
Midland, Texas 79702

Gentlemen:

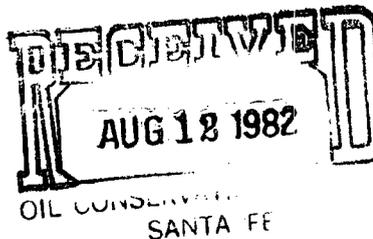
Application to Downhole Commingle Hawk A No. 8

Conoco Inc. is making an application to the New Mexico Oil Conservation Division to downhole commingle Blinebry Oil and Gas and Drinkard production in the subject well, located in Section 8, T21S, R37E, Lea County, New Mexico. A location plat is attached.

As required under Rule 303 (c) of the NMOCD's Rules and Regulations, this letter will serve as notification of the proposed commingling to all offset operators.

Yours very truly,

DGS/cyg  
Attachment





Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P. O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141

August 9, 1982

APCO Oil Corporation  
Forsan, Texas 79733

Gentlemen:

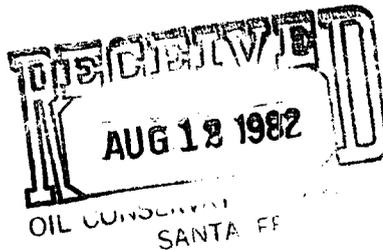
Application to Downhole Commingle Hawk A No. 8

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Yours very truly,

DGS/cyg  
Attachment





Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P. O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141

August 9, 1982

Amoco Production Company  
P. O. Box 68  
Hobbs, New Mexico 88240

Gentlemen:

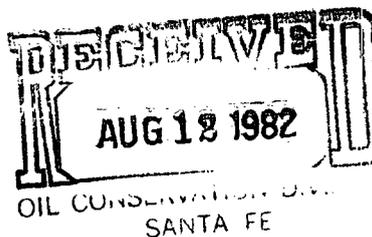
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Yours very truly,

DGS/cyg  
Attachment





Mark K. Mosley  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P. O. Box 460  
726 E. Michigan  
Hobbs, NM 88240  
(505) 393-4141

August 9, 1982

Minerals Management  
P. O. Box 1857  
Roswell, New Mexico 88201

Gentlemen:

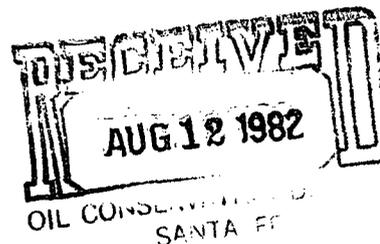
Application to Downhole Commingle Hawk A No. 8

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As required under Rule 303 (c) of the NMOCD's Rules and Regulations, this letter will serve as notification of the proposed commingling.

Yours very truly,

DGS/cyg  
Attachment



OIL CONSERVATION DIVISION  
DISTRICT I

AUG 20 1982  
OIL CONSERVATION DIVISION  
SANTA FE

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE August 12, 1982

RE: Proposed MC \_\_\_\_\_  
Proposed DHC X \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed NSP \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

<u>Conoco Inc.</u>	<u>Hawk A</u>	<u>No. 8-A</u>	<u>8-21-37</u>
Operator	Lease and Well No.	Unit, S - T - R	

and my recommendations are as follows:

O.K.---J.S.

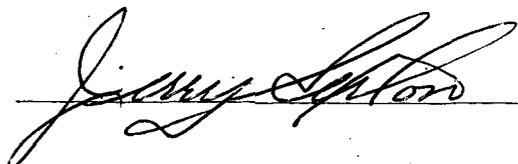
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Yours very truly,

  
/mc