

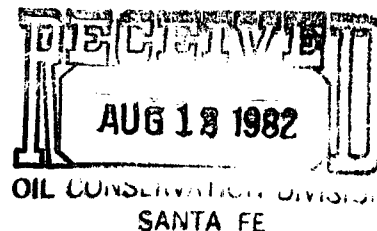


Mark K. Mosley
Division Manager
Production Department
Hobbs Division
North American Production

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,

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 Blaine Oil & Gas		County Lea												
Address P.O. Box 460, Hobbs, NM 88240				TYPE OF TEST - (X) <input checked="" type="checkbox"/> Scheduled <input type="checkbox"/> Completion <input type="checkbox"/> Special <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL.
		U	S	T	R							WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
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)

**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)		Completion <input checked="" type="checkbox"/> Special <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	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.

Jane A. Wheeler
 (Signature)
 Administrative Supervisor
 (Title)
 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

BOX 460

HOBAS N M 98240

FOR MONTH MAY

B2 PAGE 315 OF

(COMPANY OR OPERATOR)

(ADDRESS)

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 O L D	DISPOSITION OF GAS			DISPOSITION OF OIL		
		VOLUME	PRESSURE	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			SOLD	TRANS- PORTER	OTHER	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS- PORTER	TRANS- PORTER
BLINEBRY OIL AND GAS														
HAWK -A														
71031741A	2 H 8 21S 37E P			155	40	20	454	31						
71031741A	3 E 9 21S 37E P			93	40		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 8 21S 37E P			2325	202	30	2446	24						
POOL TOTAL				4278	661	172	6322		6322	GTY			TNM	

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

13-477X4, 7-79

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

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

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

(SIGNATURE)

(DATE)

(POSITION)

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

HOBBS N M 88240

FOR MONTH MAY

52 PAGE 316

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER SEC. TWP. RING. AND WELL STATUS	WATER INJECTION		TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	D.O.D. DAYS	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
DRINKARD																	
HAWK -A																	
71031741A	2 H 8 21S 37E P			217	80	60	604	31									
71031741A	3 E 9 21S 37E P			186	61		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 8 21S 37E S			403													
71031741A	9 C 8 21S 37E P				321	501	486	31									
POOL TOTAL				2170	897	641	9263		9263	CTY					TNM		

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STATUS CODE

"OTHER" GAS DISPOSITION CODE

"OTHER" OIL DISPOSITION CODE

ORIGINAL TO OCC. SANTA FE
ONE COPY TO OCC. DIST. OFFICE
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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)
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
SEC 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 LOK-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# K-55 @ 1294' W/575 SX (CIRC)

191 JTS 2 3/4" TBL

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 LOK-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 JSPP

PBD @ ± 6775'

CNT RET @ ± 6785'

6775' - 1 JSPP - SQUEEZED

6797'-6860' - 1 JSPP - SQUEEZED

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

TD: 6980'

Made By JLS

Checked By

Date 7-29-82

Page 1 of 1

Conoco Inc.
Calculation Sheet

Title HAWK A #8
PRESENT

Job No.

Field BLINEBRY/DRINKARD

State N.M.

ELEVATION: 3520' KB

ZERO: 12' AGL

990' FNL E 660' FEL

SEC 8-T215-R37E

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

2 3/8" TUBING

S.D. @ ± 6740'

ORADOLE PEELED SLOTTED MUD

ANCHOR @ ± 6770'

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

W/1 JSPF

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

W/1 JSPF

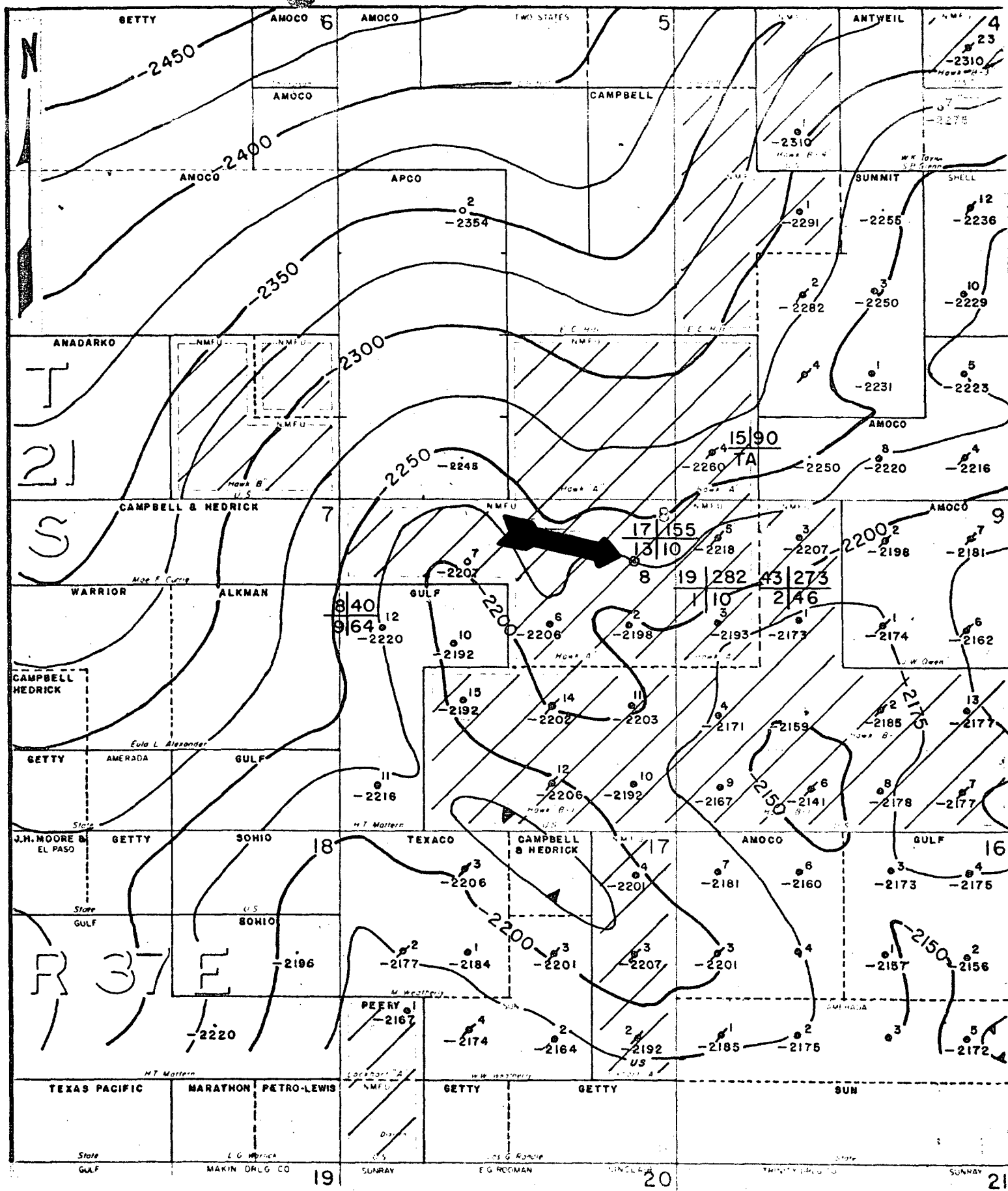
PBD @ ± 6775'
CMT RET @ ± 6785'

6775' - W/1 JSPF - SQUEEZED

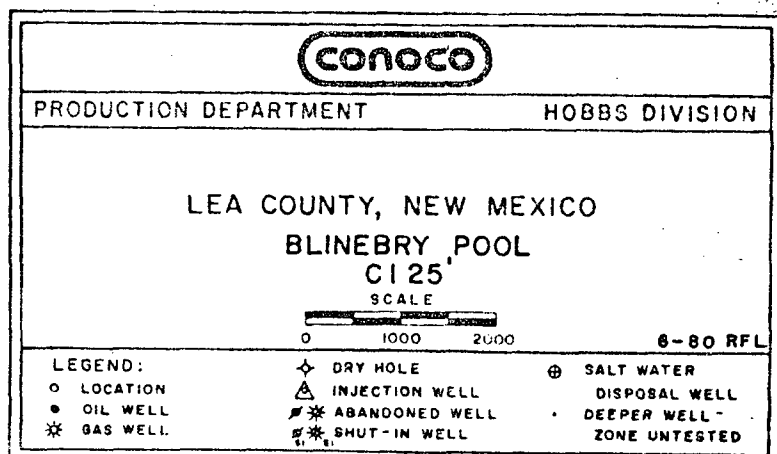
6797-6860' - W/1 JSPF - SQUEEZED

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

T.D: 6980



MBO/MMCF
BOPD/MCFPD





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:

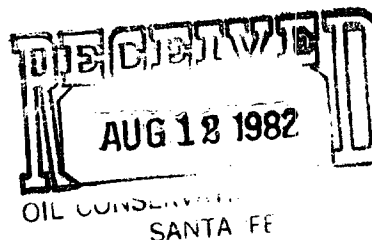
Application to Downhole Commingle Hawk A No. 8

Conoco Inc. is making an application to the New Mexico Oil Conservation Division to downhole commingle Blinbry 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

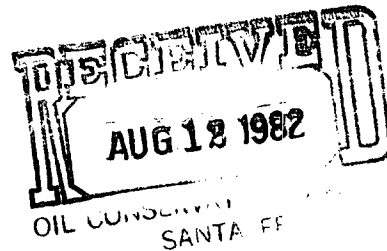
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Yours very truly,

D. L. Wacker

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:

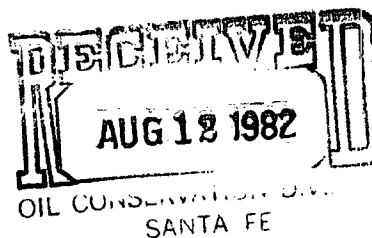
Application to Downhole Commingle Hawk A No. 8

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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 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

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

Gentlemen:

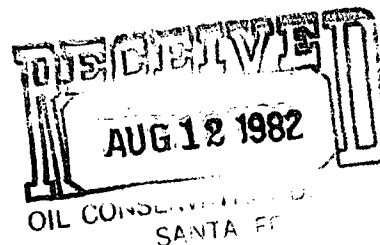
Application to Downhole Commingle Hawk A No. 8

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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

TO DIRECTOR
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:

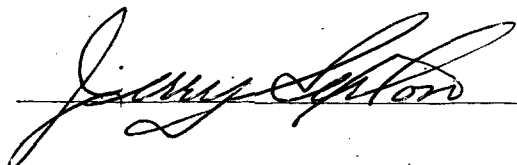
I have examined the application for the:

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

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,


/mc