conoco

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

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APR 13 1982
OIL CONSERVATION DIVISION
SANTA FE

April 6, 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: Dan Nutter

Dear Mr. Nutter:

Request for Approval to Downhole Commingle Hawk B-10 No. 2

Conoco Inc. requests approval to downhole commingle production from the Blinebry Oil and Gas and Drinkard zones in the subject well, located in Section 10, T21S, R37E, Lea County, New Mexico.

Hawk B-10 No. 2 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 and letter to offset operators are also attached.

The data from each zone is summarized as follows:

	Bottom-Hole Pressure	Production BOPD		MCFGPD		BWPD	Oil Gravity	Oil Value
Blinebry	250	11	46%	374	99%	3	39.0°	$32.85
Drinkard	250	13	54%	2	1%	9	37.0°	32.55
		24		376				

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,

M K Mosley

DGS:jlj
Attachment

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS – OIL RATIO TESTS

Operator	Pool	County
Conoco Inc.	Blinebry Oil & Gas	Lea

Address: P. O. Box 460, Hobbs, NM 88240

TYPE OF TEST – (X): Scheduled [X] Completion [ ] Special [ ]

LEASE NAME	WELL NO.	LOCATION U	LOCATION S	LOCATION T	LOCATION R	DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER BBLS.	PROD. DURING TEST GRAV. OIL	PROD. DURING TEST OIL BBLS.	PROD. DURING TEST GAS M.C.F.	GAS – OIL RATIO CU.FT/BBL
Hawk B-4	1	F	4	21	37	7-18-81	P	Open	55	11	24	1	37.9	6	19	3167
" B-10	2	F	4	21	37	9-10-81	P	Open	55	15	24	2	39	11	355	32273
" "	10	C	4	21	37	9-09-81	P	Open	55	32	24	15	39.2	23	286	12435
Hill, E. C.	1	K	4	21	37	9-10-81	P	Open	55	4	24	0	36.1	4	18	4500
Lockhart A-17	2	I	17	21	37	7-14-81	P	Open	55	7	24	200	39.0	15	34	2267
" A-27	1	C	27	21	37	8-11-81	P	Open	55	15	24	0	40.7	3	22	7333
Lockhart B-11	9	A	11	21	37	8-28-81	P	Open	55	20	24	0	38	25	47	1880
" "	12	B	11	21	37	8-18-81	P	Open	55	13	24	0	38	12	183	15250
" "	13	P	11	21	37	8-26-81	P	Open	55	6	24	0	38.3	5	90	18000

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SANTA FE

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 Division.

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 Division 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.

Wm P. Butterfield
(Signature)

Administrative Supervisor
(Title)

10-07-81

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

CONTINENTAL OIL COMPANY
BOX 460, HOBBS, NEW MEXICO 88240

Pool: Drinkard
County: LEA

TYPE OF TEST - (X): Scheduled [X] Completion [ ] Special [ ]

LEASE NAME	WELL NO.	LOCATION U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST WATER BBLS.	GRAV. OIL	OIL BBLS.	GAS M.C.F.	GAS - OIL RATIO CU.FT. BBL.
Hawk B-10	2	F	10	21	37	2-24-77	P	-	-	4	24	0	44.9	13	1	77
Hawk B-10	8	G	10	21	37	2-18-77	P	-	-		24	2	44.9	16	8	500
Hawk B-10	The No. 8 well is downhole commingled Blinebry Oil & Gas and Drinkard Allocation to the Drinkard is									11	24	1	44.9	8	4	500
Hawk B-10	9	B	10	21	37	2-17-77	P	-	-		24	2	44.9	18	8	444
Hawk B-10	The No. 9 well is downhole commingled Tubb Oil and Drinkard Allocation to the Drinkard is									6	24	1	44.9	12	5	417
Lockhart A-17	3	H	17	21	37	3-23-77	P	-	-		24	0	38.6	25	105	4200
Lockhart A-17	The No. 3 well is downhole commingled Penrose Skelly Grayburg and Drinkard Allocation to the Drinkard is									8	24	0	38.6	13	74	5692

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.

NMOCC (2) FILE

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

Marie K Jimenez
(Signature)
Staff Assistant
(Title)
April 28, 1977
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. BOX 2088 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

FORM C-115-EDP
REVISED 8-1-77

A E P

RECEIVED APR 13 1982 SANTA FE

Conoco Inc. (COMPANY OR OPERATOR) BOX 460 HOBBS N M 88240 (ADDRESS) FOR MONTH FEBRUARY 82 PAGE 321 OF

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	WATER INJECTION VOLUME	WATER INJECTION PRESSURE	TOTAL LIQUIDS PRODUCED MONTHLY OIL ALLOWABLE	TOTAL LIQUIDS PRODUCED ACTUAL BARRELS PRODUCED	TOTAL LIQUIDS PRODUCED BARRELS OF WATER PRODUCED	GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS SOLD	DISPOSITION OF GAS TRANSPORTER	DISPOSITION OF GAS OTHER	DISPOSITION OF GAS CODE	DISPOSITION OF OIL OIL ON HAND BEG. OF MONTH	DISPOSITION OF OIL BARRELS TO TRANSPORTER	DISPOSITION OF OIL TRANSPORTER	DISPOSITION OF OIL OTHER	DISPOSITION OF OIL CODE	DISPOSITION OF OIL OIL ON HAND END OF MONTH
	BLINEBRY OIL AND GAS																	
	HAWK B-10				1.04		11.87											
30002512	1 B 10 21S 37E P			196	24		273 ~~15~~	23										
30002512	2 F 10 21S 37E P			420	125	75	8987	24										
30002512	4 H 10 21S 37E P			56	58	29	492 ~~27~~	28										
30002512	8 G 10 21S 37E P			224	203	28	2788 ~~153~~	28										
30002512	10 C 10 21S 37E P			896	611	348	6399 ~~351~~	28										
	POOL TOTAL			1792	1021	480	18939 ~~1033~~		9949 ~~543~~	GTY	3	U			TNM			
									8987	EPG								

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STATUS CODE

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

"OTHER" GAS DISPOSITION CODE

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

"OTHER" OIL DISPOSITION CODE

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

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

(SIGNATURE) (DATE)

(POSITION)

13-477X4, 7-79

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-115—EDP
REVISED 8—1—77

P. O. BOX 2088 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

Conoco Inc. (COMPANY OR OPERATOR) BOX 460 HOBBS N MEX 88240 (ADDRESS) FOR MONTH MAY 81 PAGE 325

STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	POOL NAME LEASE NAME WELL NO. UNIT LETTER, SEC., TWP., RNG. AND WELL STATUS	WATER INJECTION VOLUME	WATER INJECTION PRESSURE	TOTAL LIQUIDS PRODUCED MONTHLY OIL ALLOWABLE	TOTAL LIQUIDS PRODUCED ACTUAL BARRELS PRODUCED	TOTAL LIQUIDS PRODUCED BARRELS OF WATER PRODUCED	GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS SOLD	DISPOSITION OF GAS TRANS-PORTER	DISPOSITION OF GAS OTHER	DISPOSITION OF GAS CODE	DISPOSITION OF OIL OIL ON HAND BEG. OF MONTH	DISPOSITION OF OIL BARRELS TO TRANS-PORTER	DISPOSITION OF OIL TRANS-PORTER	DISPOSITION OF OIL OTHER	DISPOSITION OF OIL CODE	GRAVITY EN. MC
	DRINKARD																	
	HAWK B-10																	
30002512	2 F 10 21S 37E P				7	77	15	9										
30002512	8 G 10 21S 37E P			217	173	24	3949	31										
30002512	9 B 10 21S 37E P			62	100	50	1653	31										
30002512	10 C 10 21S 37E P			806	496	273	5636	31										
POOL TOTAL				1085	776	424	11253		11251	GTY	2	U			TNM			

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STATUS CODE

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"OTHER" OIL DISPOSITION CODE

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

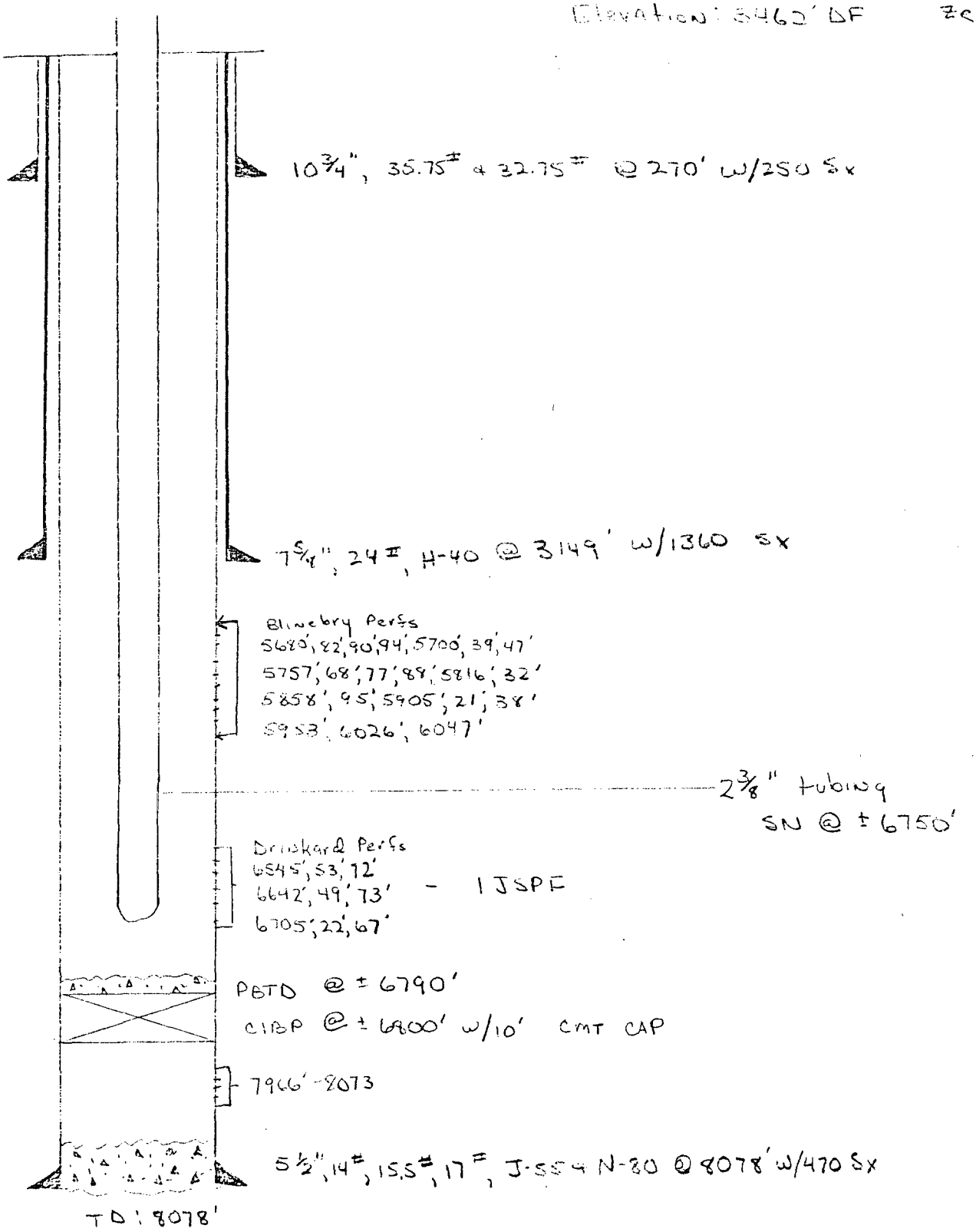
I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLE
THE BEST OF MY KNOWLEDGE.

(SIGNATURE) (DATE)

(POSITION)

13-477X4, 7-79

Elevation: 5462' DF Zero: 12' AGL



HAWK B-10 No. 2

Proposed Well-Bore

4-5-82
KLB

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

April 6, 1982

Exxon Company, USA
P. O. Box 1600
Midland, Texas 79702

Gentlemen:

Application to Downhole Commingle Hawk B-10 No. 2

Conoco Inc. is making an application to the NMOCD to downhole commingle Blinebry Oil and Gas and Drinkard production in the subject well, located in Section 10, 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,

MK Mosley

DGS:jlj
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

April 6, 1982

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

Gentlemen:

Application to Downhole Commingle Hawk B-10 No. 2

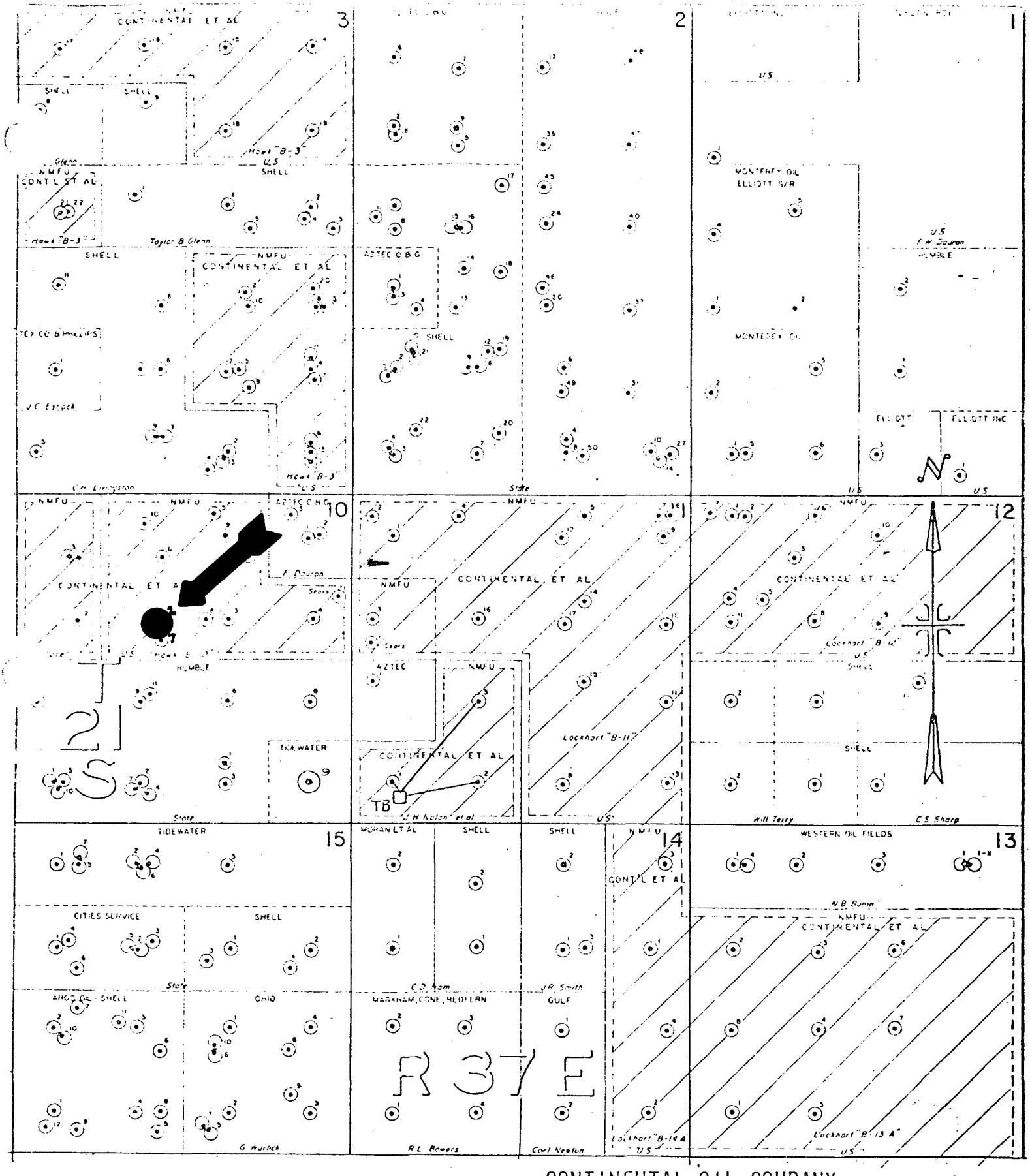
Conoco Inc. is making an application to the NMOCD to downhole commingle Blinebry Oil and Gas and Drinkard production in the subject well, located in Section 10, T21S, R37E, Lea County, New Mexico. A location plat is attached.

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

Yours very truly,

MKMosley

DGS:jlj
Attachment



CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
HOBBS DIVISION
Hawk B-10 LEASE PLAT
LEA COUNTY, NEW MEXICO
SCALE: 1"=2000'

☐ TANK BATTERY

OIL CONSERVATION DIVISION
DISTRICT I

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

DATE April 16, 1982

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

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OIL CONSERVATION DIVISION
SANTA FE

Gentlemen:

I have examined the application for the:

Conoco Inc.	Hawk B-10	#2-F	10-21-37
Operator	Lease and Well No.		Unit, S - T - R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,

Jerry Sexton

/mc