



Midland Division
Exploration and Production

Conoco Inc.
10 Desta Drive West
Midland, TX 79705-4514
(915) 686-5400

June 10, 1992

RECEIVED

JUN 12 1992

Mr. William LeMay
State of New Mexico
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

Dear Mr. LeMay:

Request for Amendment of Commingling Order PLC-173 to
Include Approval of Surface Commingling and Off-Lease
Storage of Paddock Production from the Lockhart A-35
Lockhart B-35 Leases at the Central Facility Located
in Unit B, Sec. 35, T-21S, R-37E, Lea County, New Mexico

*PC 169-35
A-35
Add Paddock
well to each
lease order*

Conoco Inc. requests approval for off-lease storage and surface commingling of production from the Paddock Pool on the Lockhart A-35 and Lockhart B-35 Leases at the central battery for these two leases located on the Lockhart B-35 Lease. Commingling Order PC-173 currently allows the commingling of production from the Drinkard Oil, Tubbs Gas, Blinbry Oil, and Wantz-Abo Pools at this facility with the stipulation that Lockhart B-35 No. 1 is metered separately due to a different royalty rate for that 40 acre tract.

Production from all wells is marginal and, with the exception of the Lockhart B-35 No. 1, is allocated by well test. Paddock production is also expected to be marginal and will be allocated by well test. These well locations and their current producing zones are shown on the attached map, EXHIBIT A.

Several recompletions to the Paddock are planned for both leases, but have not yet been performed. Since Paddock production from these two leases is not yet available, an oil gravity was obtained from the nearby Lockhart A-27 No. 2 well which is producing from the same pool.

EXHIBIT B contains oil gravities, producing rates, and revenues for each of the flow streams (some of which are downhole commingled), and for the proposed commingled storage. Although the value of Paddock oil is slightly less than that for the other pools, the increase in produced volumes and the savings in operating costs through the use of common facilities, should either result in an insignificant decrease in royalty payments and an actual net increase from the commingled production.

EXHIBIT C is a battery schematic for the commingled production of the Lockhart A-35 and B-35 leases. Note that this diagram is in two parts and can be combined by overlaying the "match lines" on the two separate sheets.

EXHIBIT D contains a copy of the letter sent to the interest owners and copies of the certified mail receipts from the mailing of this application to all of the working interest and royalty interest owners of these two leases.

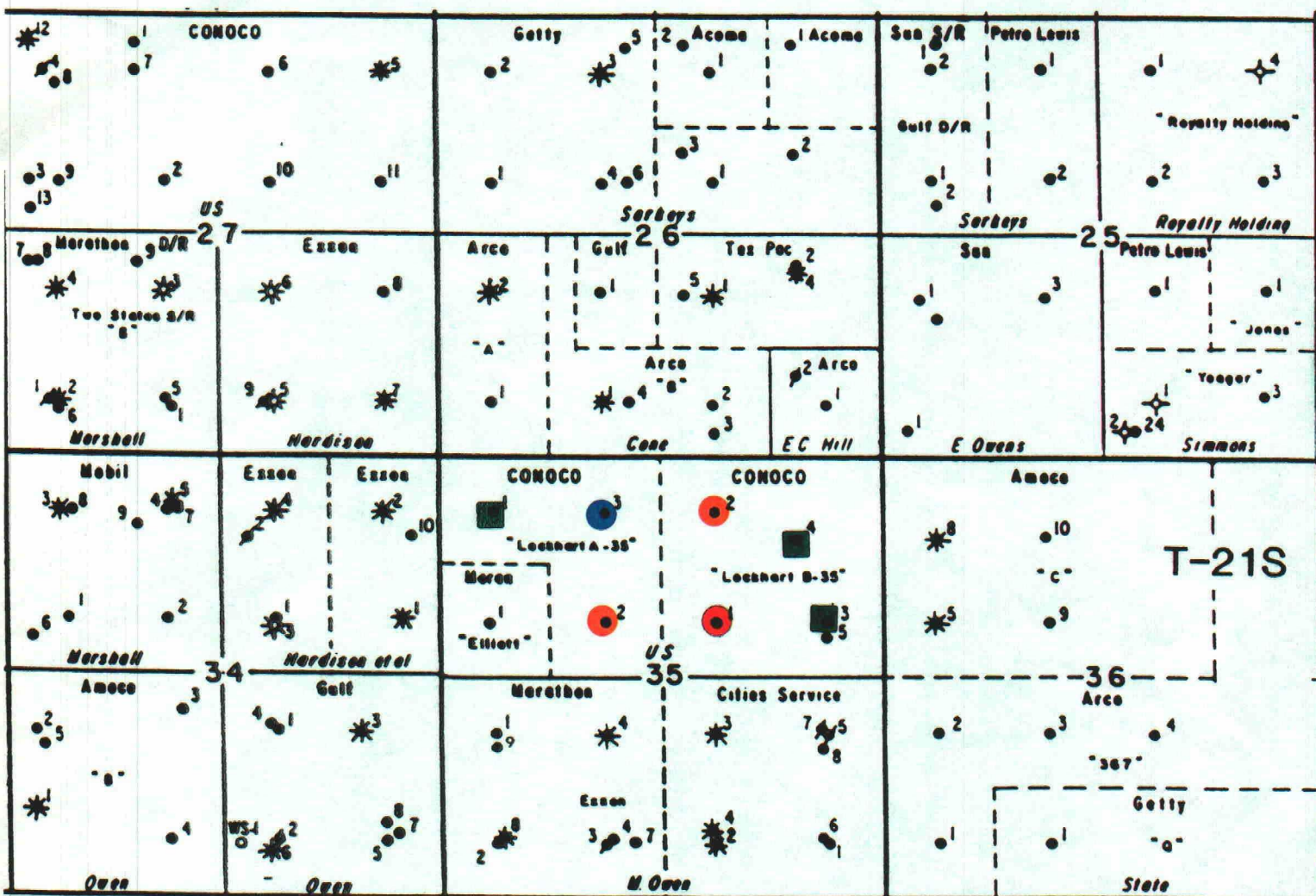
Should you have any questions concerning this matter, please contact Jerry Hoover at (915) 686-6548.





Very truly yours,

A handwritten signature in black ink, appearing to read "Jerry W. Hoover". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jerry W. Hoover
Senior Conservation Coordinator

R-37E



-  Blinebry Drinkard DHC
-  Blinebry Wantz Abo DHC
-  Blinebry Tubb Drinkard DHC
-  Tubb



**NORTH AMERICAN EXPLORATION
MIDLAND DIVISION**

Lockhart A & B-35 Leases

Production Plat

Project: Lease Study

By: J. W. Condio

Date: 4-28-92

Sheet

County: Lea, NM

Scale: 1 in = 2000 ft

C.I.

EXHIBIT A

Application to Surface Commingle

Lockhart B-35

| <u>Pool</u> | <u>Oil Gravities-@60 F</u> | <u>BOPD</u> | <u>MCFD</u> | <u>BWPD</u> | <u>Producing Wells</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------------------|
| * Paddock | 36.1 | - | - | - | No. 5 |
| Blinebry Oil & Gas | 38 | 5 | 52 | 14 | No. 2,3,4 |
| Tubb Oil & Gas | 70 | 1 | 185 | 1 | No. 1 |
| Drinkard | 38 | 4 | 34 | 12 | No. 3,4 |
| Wantz Abo | 43 | 5 | 102 | 1 | No. 2 |

Lockhart A-35

| <u>Pool</u> | <u>Oil Gravities-@60 F</u> | <u>BOPD</u> | <u>MCFD</u> | <u>BWPD</u> | <u>Producing Wells</u> |
|--------------------|----------------------------|-------------|-------------|-------------|------------------------|
| * Paddock | 36.1 | - | - | - | No. 1 |
| Blinebry Oil & Gas | 42 | 8 | 215 | 2 | No. 1,2,3 |
| Tubb Oil & Gas | | 1 | 80 | 1 | No. 3 |
| Drinkard | 42 | 1 | 161 | 1 | No. 1,3 |
| Wantz Abo | 42 | 3 | 63 | 1 | No. 2 |

* Proposed Paddock tests; gravity taken from Lockhart A-27 No. 2

Production Revenue

Lockhart A-35

| | <u>BOPD</u> | <u>API Gravity</u> | <u>\$ Value/BO</u> | <u>Revenue/Day</u> |
|--|-------------|--------------------|--------------------|--------------------|
| Currently Commingled (Blinebry, Tubb, Drinkard, Wantz Abo) | 13 | 39.0 | 19.73 | \$256.49 |
| * Paddock alone | 40 | 36.1 | 17.50 | <u>\$700.00</u> |
| | | Total Uncommingled | | \$956.49 |
| All Commingled | 53 | 36.8 | 17.50 | \$927.50 |

* Paddock production is not yet established on this lease. Forty BOPD is the estimated initial production rate for the Paddock. The gravity and sulfur content have been taken from nearby Conoco Lockhart A-27 No. 2, in Section 27-21S-37E. Sweet and sour prices current through 5-5-92.

Production Revenue

Lockhart B-35

| | <u>BOPD</u> | <u>API Gravity</u> | <u>\$ Value/BO</u> | <u>Revenue/Day</u> |
|---|-------------|--------------------|--------------------|--------------------|
| Currently Commingled (Blinbry, Tubb, Drinkard, Wantz Abo) | 15 | 39.3 | 19.73 | \$295.95 |
| * Paddock alone | 40 | 36.1 | 17.50 | <u>\$700.00</u> |
| | | Total Uncommingled | | \$995.95 |
| All Commingled | 55 | 36.9 | 17.50 | \$962.50 |

* Paddock production is not yet established on this lease. Forty BOPD is the estimated initial production rate for the Paddock. The gravity and sulfur content have been taken from nearby Conoco Lockhart A-27 No. 2, in Section 27-21S-37E. Sweet and sour prices current through 5-5-92.



Midland Division
Exploration and Production

Conoco Inc.
10 Desta Drive West
Midland, TX 79705-4514
(915) 686-5400

June 10, 1992

Dear Interest Owner:

Conoco Inc. is requesting your approval for off-lease storage and surface commingling of production from the Paddock Pool on the Lockhart A-35 and Lockhart B-35 Leases at the central battery for these two leases located on the Lockhart B-35 Lease. Commingling Order PC-173 currently allows the commingling of production from the Drinkard Oil, Tubb Gas, Blinebry Oil, and Wantz-Abo Pools at this facility.

Without approval for utilizing the already existing battery facilities, separate facilities would have to be constructed for these marginal Paddock recompletions. This would increase operating costs and either shorten the economic life of these proposed Paddock recompletions or even make it uneconomic to recover this additional production.

In order to extend the productive life of these leases by reducing operating costs through the use of common storage facilities, we would appreciate your returning an approved copy of this letter in the enclosed postage paid envelope. If you have not responded by July 1, it will be assumed that you have no objection and the New Mexico Oil Conservation Division can consider approval of this application.

Should you have any questions concerning this matter, please contact me at (915) 686-6548.

Very truly yours,

Jerry W. Hoover
Senior Conservation Coordinator

APPROVED BY: _____ DATE: _____
Signature

Company (PRINT or TYPE)

EXHIBIT D

ROYALTY OWNERS

LOCKHART A-35 LEASE

AMOCO PRODUCTION COMPANY

Post Office Box 3092

Houston, TX 77253

PETER & JANET ELLIOTT

250 Colgate Ave.

Kensington, CA 94708

JEFFREY MILLS ELLIOTT

3407 Smoketree

Commons Dr

Pleasanton, CA 94566

MELINDA ANN ELLIOTT

2523 Washington Way

Alameda, CA 94501

ARTHUR LOCKHART TRUST

3633 Long Beach Blvd.

Long Beach, CA 90807-4015

Mr. Richard L. Manus

BUREAU OF LAND MANAGEMENT

Post Office Box 1778

Carlsbad, NM 87220

LOCKHART B-35 LEASE

AMOCO PRODUCTION COMPANY

Post Office Box 3092

Houston, TX 77253

Mr. Richard L. Manus

BUREAU OF LAND MANAGEMENT

Post Office Box 1778

Carlsbad, NM 87220

**WORKING INTEREST OWNERS
LOCKHART A-35 & B-35 LEASES**

Mr. D. Gilbranson
West Texas Engineering Manager
APACHE CORPORATION
1500 Citywest Blvd., Suite 400
Houston, TX 77042-2343

Mr. J. C. Prindle
Non-Operated Joint Ventures Coordinator
CHEVRON USA, INC.
Post Office Box 1150
Midland, TX 79702

Mr. S. Keasler
Joint Interest Operations
ARCO OIL & GAS COMPANY
Post Office Box 1610
Midland, TX 79702

P 243 522 541
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Peter & Janet Elliott
Street and No.
250 Colgate Ave.
P.O. State and ZIP Code
Kensington CA 94708

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

P 583 520 479
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Chevron USA Inc.
Street and No.
P O Box 1150
P.O. State and ZIP Code
Midland, Tx 79702

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

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See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Arco Oil & Gas Co.
Street and No.
P O Box 1610
P.O. State and ZIP Code
Midland, Tx 79702

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

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NO INSURANCE COVERAGE PROVIDED
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See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Melinda Ann Elliott
Street and No.
2523 Washington Way
P.O. State and ZIP Code
Alameda CA 94501

Postage \$

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Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

P 583 520 451
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
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See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Jeffery Mills Elliott
Street and No.
3407 Shoketree, Commons Dr.
P.O. State and ZIP Code
Pleasanton CA 94566

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

P 248 522 548
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

U.S.G.P.O. 1985-480-784

Sent to
Amoco Prod. Co.
Street and No.
P O Box 3092
P.O. State and ZIP Code
Houston Tx 77253

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

P 583 520 477
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

U.S.G.P.O. 1985-234-555

Sent to
APACHE CORP.
Street and No.
1500 Citywest Blvd., Ste 400
P.O. State and ZIP Code
Houston, Tx 77042-2343

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985

P 583 520 453
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Arthur Lockhart Trust
Street and No.
9633 Long Beach Blvd.
P.O. State and ZIP Code
Long Beach, CA 90807-4015

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

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Postmark or Date
06-10-92

PS Form 3800, June 1985

P 583 520 454
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
See Reverse

U.S.G.P.O. 1985-234-555

Sent to
Bureau Of Land Management
Street and No.
P O Box 1778
P.O. State and ZIP Code
Carlsbad NM 87220

Postage \$

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered

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TOTAL Postage and Fees \$

Postmark or Date
06-10-92

PS Form 3800, June 1985