



Texaco E & P

205 E. Bender Blvd.  
Hobbs NM 88240  
505 393 7191

DHC 11/12/96

RECEIVED DIVISION  
OCT 21 1996  
1401

October 21, 1996

NMOCD  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Attn: Mr. William J. LeMay

**Subject: Application to DHC C. H. Weir "B" #8, A-11-20S-37E, in the Monument Tubb (47090) and Skaggs Drinkard (57000) Pools.**

Dear Mr. LeMay:

Texaco Exploration and Production, Inc. respectfully requests administrative approval to downhole commingle the C. H. Weir "B" #8 in the Monument Tubb and Skaggs Drinkard Pools. Notification of this application has been sent to the offset operators and a statement of notification has been included in this package. Currently, the Tubb is being beam pumped with the Drinkard plugged back.

The proposed downhole commingling will provide a more economical means of production by allowing both intervals to be artificially lifted simultaneously. This will extend the productive life of both completions.

This well meets all of the requirements set forth by Rule 303(C). Due to the recency of the Tubb completion, a full year of production data is not available. The allocation factors were calculated in the following manner:

$$\% \text{ DRINKARD} = \frac{\text{DRINKARD STABILIZED PRODUCTION}}{\text{DRINKARD} + \text{TUBB STABILIZED PRODUCTION}}$$

$$\% \text{ TUBB} = 100\% - \% \text{ DRINKARD.}$$

If you have any questions concerning this application, please contact Britton M. McQuien at (505) 397-0427.

Sincerely

Britton M. McQuien  
Production Engineer  
Texaco Exploration and Production, Inc.

cc: Mr. J. T. Sexton

enc

**EXHIBIT "B" - CASE NO. 11353, ORDER NO. R-10470-A**

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
811 South First St., Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

2040 S. Pacheco  
Santa Fe, New Mexico 87505-8429

Form C-107-A  
New 3-12-96

APPROVAL PROCESS:  
 Administrative  Hearing

EXISTING WELLBORE  
 YES  NO

**APPLICATION FOR DOWNHOLE COMMINGLING**

Operator Texaco Exploration & Producing Inc. Address 205 East Bender Hobbs, New Mexico 88240

Lease C. H. Weir "B" Well No. 8 Unit Ltr. - Sec - Tws - Rge A-11-20S-37E County Lea

Spacing Unit Lease Types: ( check 1 or more)

OGRID NO. 022351 Property Code 011132 API NO. 30-025-29731 Federal  , State  , (and/or) Fee

The following facts are submitted in support of downhole commingling:	Lower Zone	Intermediate Zone	Upper Zone
1. Pool Name and Pool Code	Skaggs Drinkard 57000		Monument Tubb 47090
2. Top And Bottom of Pay Section (Perforations)	6643-6904		6444-6502
3. Type of production (Oil or Gas)	oil		oil
4. Method of Production (Flowing or Artificial Lift)	pumping		pumping
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current	(Current) a. 700 psi	a.	a. 1075 psi
	(Original) b.	b.	b.
Gas & Oil - Flowing: Measured Current			
All Gas Zones: Estimated Or Measured Original			
6. Oil Gravity (* API) or Gas BTU Content	35°		35°
7. Producing or Shut-In? Production Marginal? (yes or no)	shut-in yes		producing yes
	Date: 7/31/96 Rates: 8/320/10		
	Date: Rates:		9/18/96 3/375/8
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 73% Gas: 46%	Oil: % Gas: %	Oil: 27% Gas: 54%

9. If allocation Formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones?  Yes  No  
If not, have all working, overriding, and royalty interests been notified by certified mail?  Yes  No  
Have all offset operators been given written notice of the proposed downhole commingling?  Yes  No
11. Will cross-flow occur?  Yes  No If yes, are fluids compatible, will the Formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable.  Yes  No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with other?  Yes  No
13. Will the value of production be decreased by commingling?  Yes  No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Land or the United States Bureau of Land Management has been notified in writing of this application.  Yes  No
15. NMOCD Reference Cases for Rule 303(C) Exceptions: ORDER NO(S) \_\_\_\_\_
16. ATTACHMENTS:
- \* C-102 for each zone to be commingled showing its spacing unit and acreage deication.
  - \* Production curve for each zone for at lease one year. (If not available, attach explanation.)
  - \* For zones with no production history, estimated production rates and supporting data.
  - \* Notification list of all offset operators.
  - \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
  - \* Any additional statements, data or documents required to support commingling.

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

SIGNATURE Britton M. McQuien TITLE Engineer DATE 10-21-96

TYPE OR PRINT NAME Britton M. McQuien TELEPHONE NO. ( 505 ) 397-0427

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980  
DISTRICT II  
P.O. Box Drawer DD, Artesia, NM 88211-0719  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
 AMENDED REPORT

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30 025 29731	<sup>2</sup> Pool Code 47090	<sup>3</sup> Pool Name MONUMENT TUBB
<sup>4</sup> Property Code 011132	<sup>5</sup> Property Name WEIR, C. H. -B-	<sup>6</sup> Well No. 8
<sup>7</sup> OGRID Number 022351	<sup>8</sup> Operator Name TEXACO EXPLORATION & PRODUCTION INC.	<sup>9</sup> Elevation 3600 KB

<sup>10</sup> Surface Location

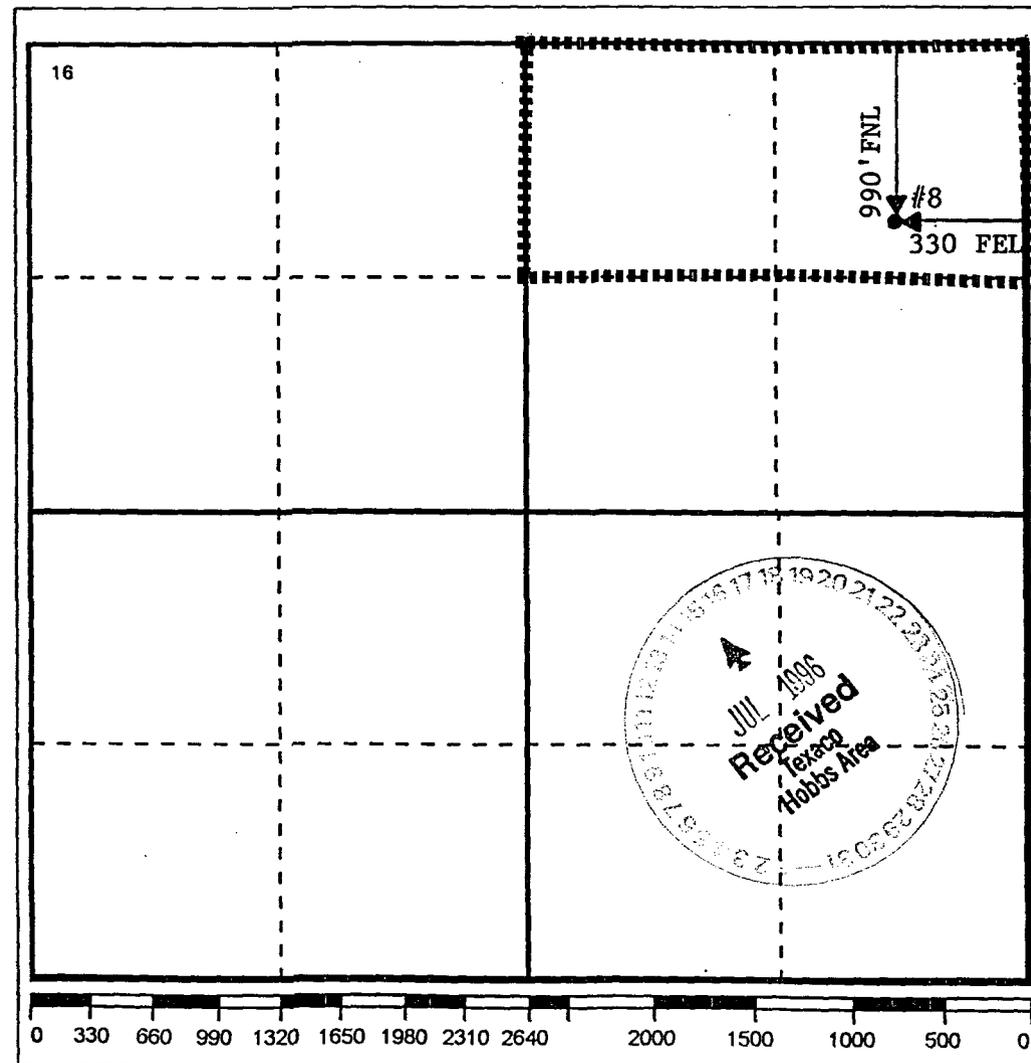
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	11	20S	37E		990	NORTH	330	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill No	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

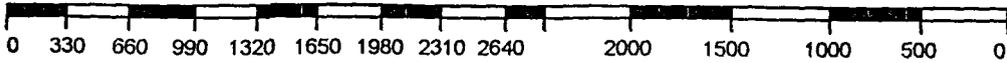


**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Paula S. Ives*  
Printed Name: Paula S. Ives  
Position: Engineering Assistant  
Date: 7/9/96

**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed:  
Signature & Seal of Professional Surveyor:  
Certificate No.:



DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30 025 29731		<sup>2</sup> Pool Code 57000		<sup>3</sup> Pool Name SKAGGS DRINKARD	
<sup>4</sup> Property Code 011132		<sup>5</sup> Property Name WEIR, C. H. -B-			<sup>6</sup> Well No. 8
<sup>7</sup> OGRID Number 022351		<sup>8</sup> Operator Name TEXACO EXPLCRATION & PRODUCTION INC.			<sup>9</sup> Elevation 3600 KB

<sup>10</sup> Surface Location

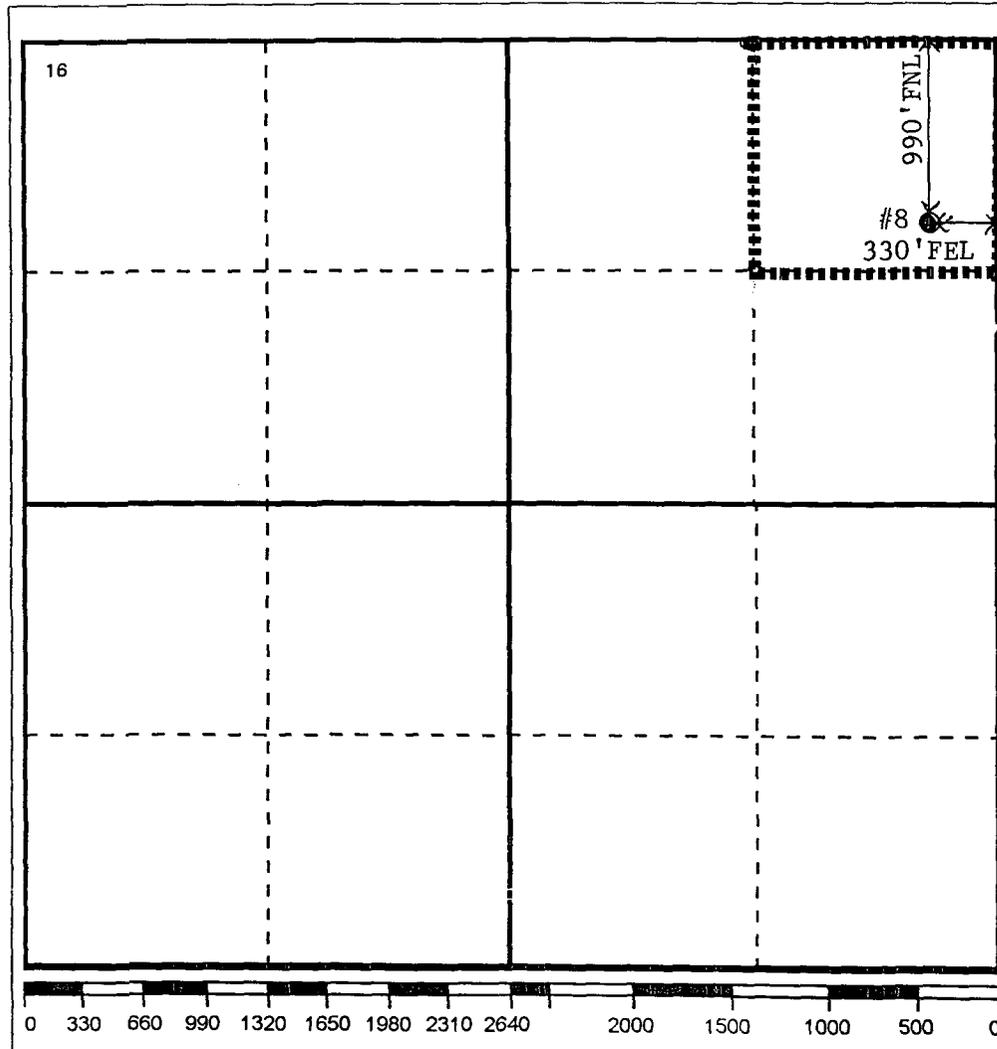
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	11	20S	37E		990	NORTH	330	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill No	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

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

Signature: *Paula S. Ives*

Printed Name: Paula S. Ives

Position: Engineering Assistant

Date: 9/23/96

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

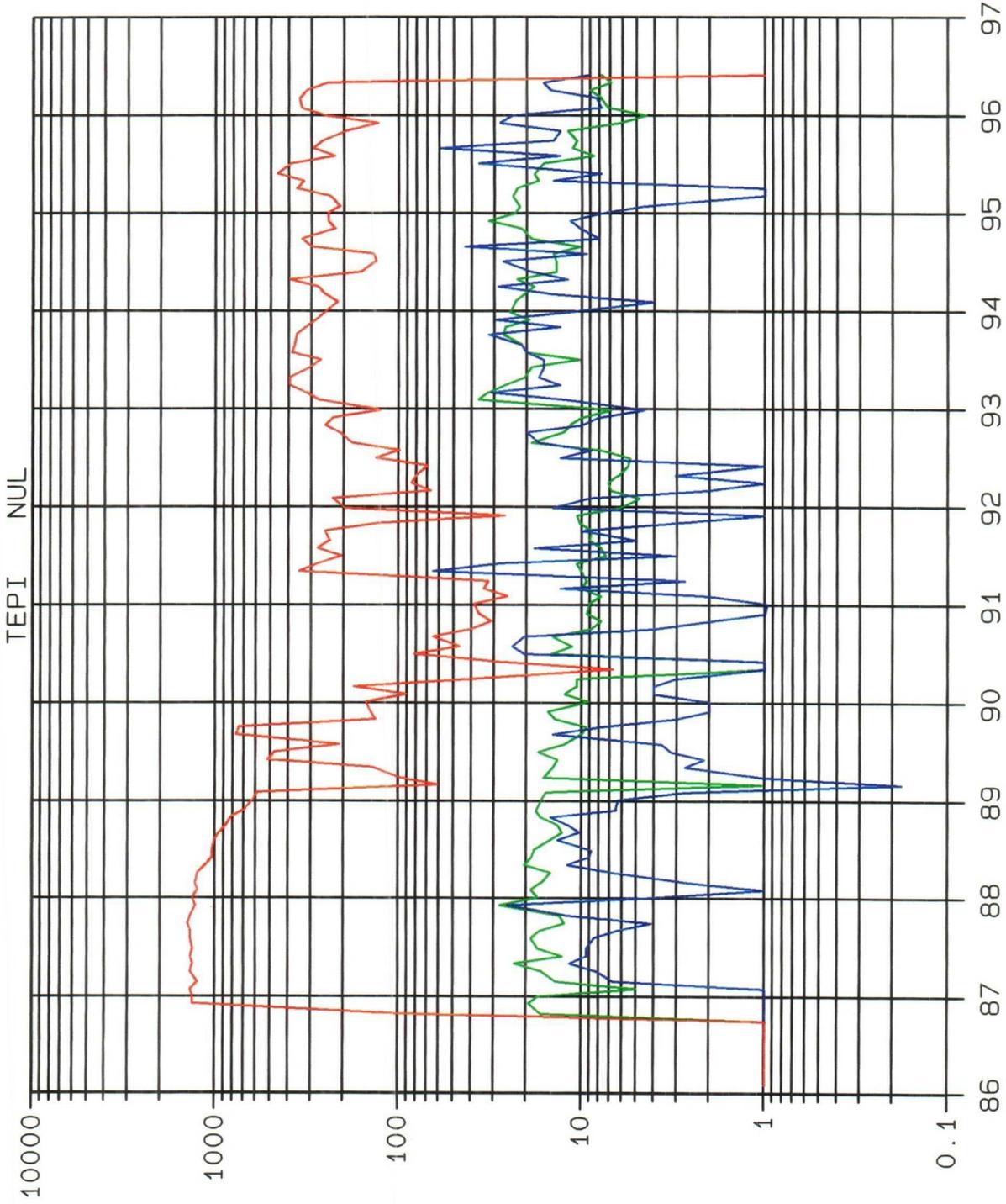
Date Surveyed:

Signature & Seal of Professional Surveyor:

Certificate No.:

WEIR, C. H. -B- 8 SKAGGS DRINKARD

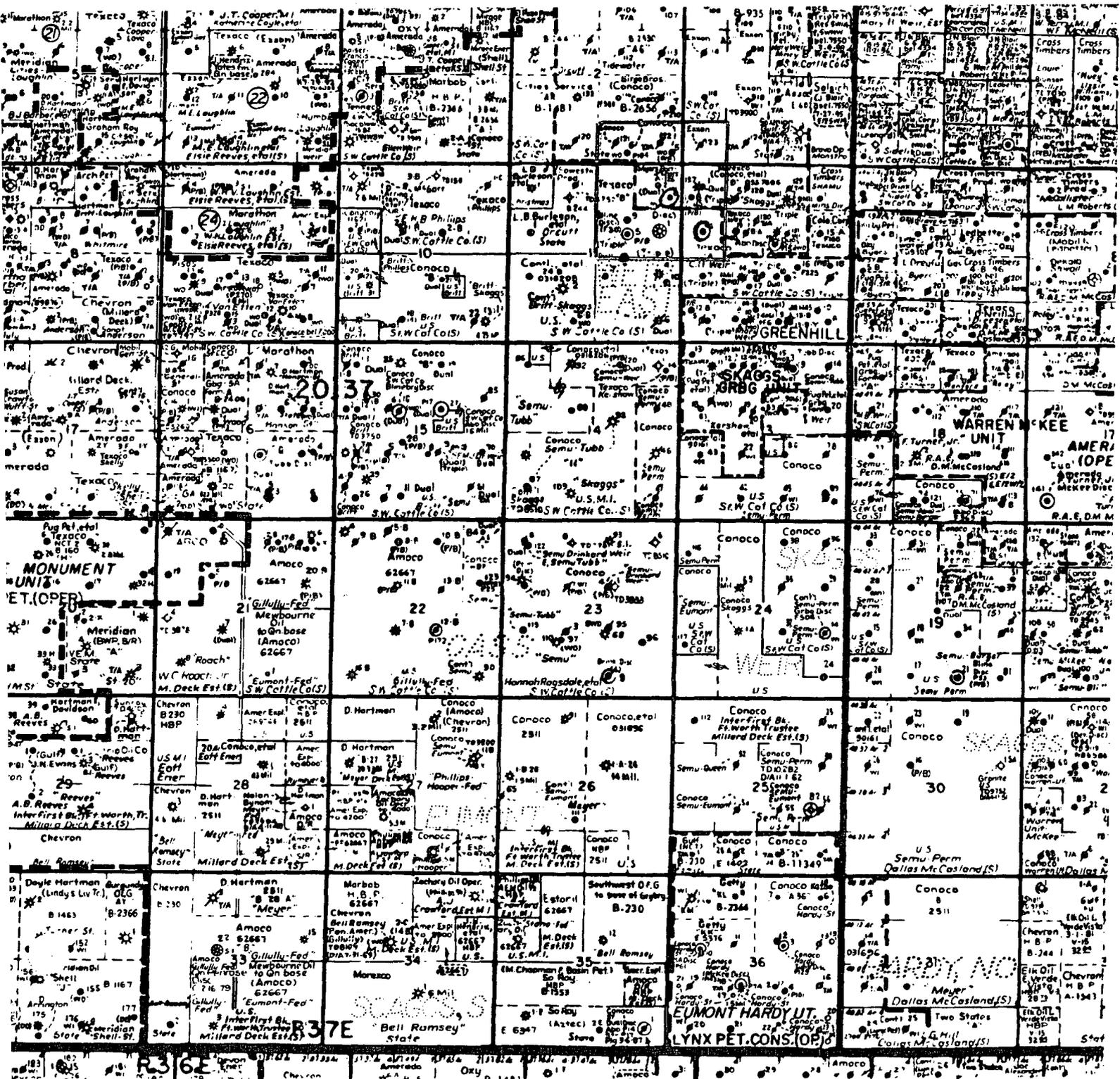
LEASE DATA  
 LSE 011132  
 FLD 57000  
 OPER TEPI  
 ZONE NUL  
 --  
 COUNTY 025  
 STATE 30  
 30025297310001  
 STATUS 5-96  
 CO 50 MBO  
 CG 1540 MMCF  
 CW 39 MBW  
 BOPD 8  
 BWPD 9  
 MCFPD 0  
 WELLS 1  
 CI 0 MBWI  
 BWIPD 0



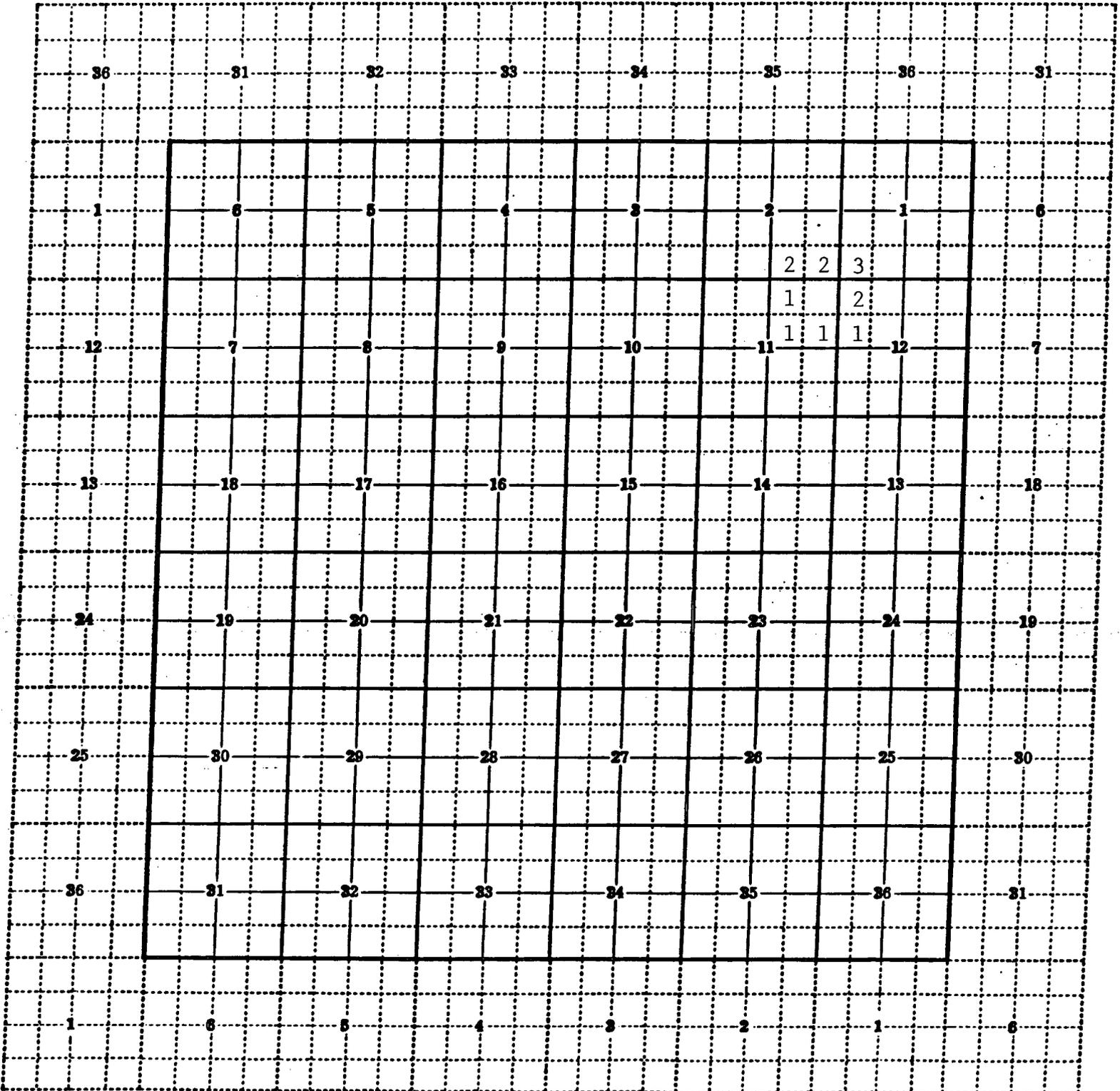
— MCFPD  
 — BWPD  
 — BOPD

YEARS

**Offset Operators and all Lessees of Record**  
**C. H. Weir "B" No. 8 Well**  
**NE/4 NE/4 of Section 11, T-20-S, R-37-E**  
**Monument Tubb/Skaggs Drinkard Formations**  
**Lea County, New Mexico**  
**September 16, 1996**



Offset Operators and all Lessees of Record  
 C. H. Weir "B" No. 8 Well  
 NE/4 NE/4 of Section 11, T-20-S, R-37-E  
 Monument Tubb/Skaggs Drinkard Formations  
 Lea County, New Mexico  
 September 16, 1996



Offset Operators and all Lessees of Record  
C. H. Weir "B" No. 8 Well  
NE/4 NE/4 of Section 11, T-20-S, R-37-E  
Monument Tubb/Skaggs Drinkard Formations  
Lea County, New Mexico  
September 16, 1996

Number 1

---

Texaco Exploration and Production Inc.  
P. O. Box 3109  
Midland, Texas 79702

Number 2

---

Conoco Inc.  
10 Desta Dr., Suite 100W  
Midland, Texas 79705

Number 3

---

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

LAFCO, Inc.  
505 N. Big Spring, Suite 604  
Midland, Texas 79701

6705 Leon Pace Charlotte Happer  
688-6100 684-7673 688-7878  
758-5585 Jimmy

687-0418

Lee Fischer

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

CONOCO Inc.  
10 Desta Dr., Suite 100W  
Midland, Texas 79705

4a. Article Number

4b. Service Type

- Registered  Certified
- Express Mail  Insured
- Return Receipt for Merchandise  COD

7. Date of Delivery

10-16-96

5. Received By: (Print Name)

6. Signature (Addressee's)

*Crista Gonzalez*

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
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1.  Addressee's Address
2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

LAFCO, Inc.  
505 N. Big Spring, Suite 604  
Midland, Texas 79701

4a. Article Number

2106 611 895

4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

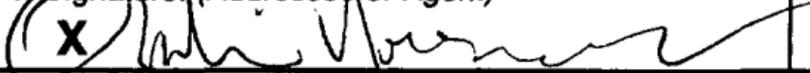
7. Date of Delivery

10-16-96

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X 

Thank you for using Return Receipt Service.

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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I also wish to receive the following services (for an extra fee):

1.  Addressee's Address
2.  Restricted Delivery

Consult postmaster for fee.

## 3. Article Addressed to:

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

## 4a. Article Number

Z 106 611 829

## 4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

## 7. Date of Delivery

OCT 17 1996

## 5. Received By: (Print Name)

## 8. Addressee's Address (Only if requested and fee is paid)

## 6. Signature: (Addressee or Agent)

X 