



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 87505-8429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☐ Administrative ☐ Hearing

EXISTING WELLBORE

☐ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Texaco Exploration & Producing Inc. 205 East Bender Hobbs, New Mexico 88240
Operator AddressC. H. Weir "B" 8 A-11-20S-37E Lea
Lease Well No. Unit Ltr. - Sec - Tws - Rge County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 022351 Property Code 011132 API NO. 30-025-29731 Federal , State X , (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
Gas & Oil - Flowing: Measured Current	(Original) b.	b.	b.
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
* If Shut-In, give date and oil/gas/ water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: 7/31/96 Rates: 8/320/10		
* If Producing, give date and oil/gas/ water rates of recent test (within 60 days)	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 ☐ NoIf not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ NoHave all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11. 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 ☐ No13. 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 10-21-96TYPE 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

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

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

¹⁰ Surface Location

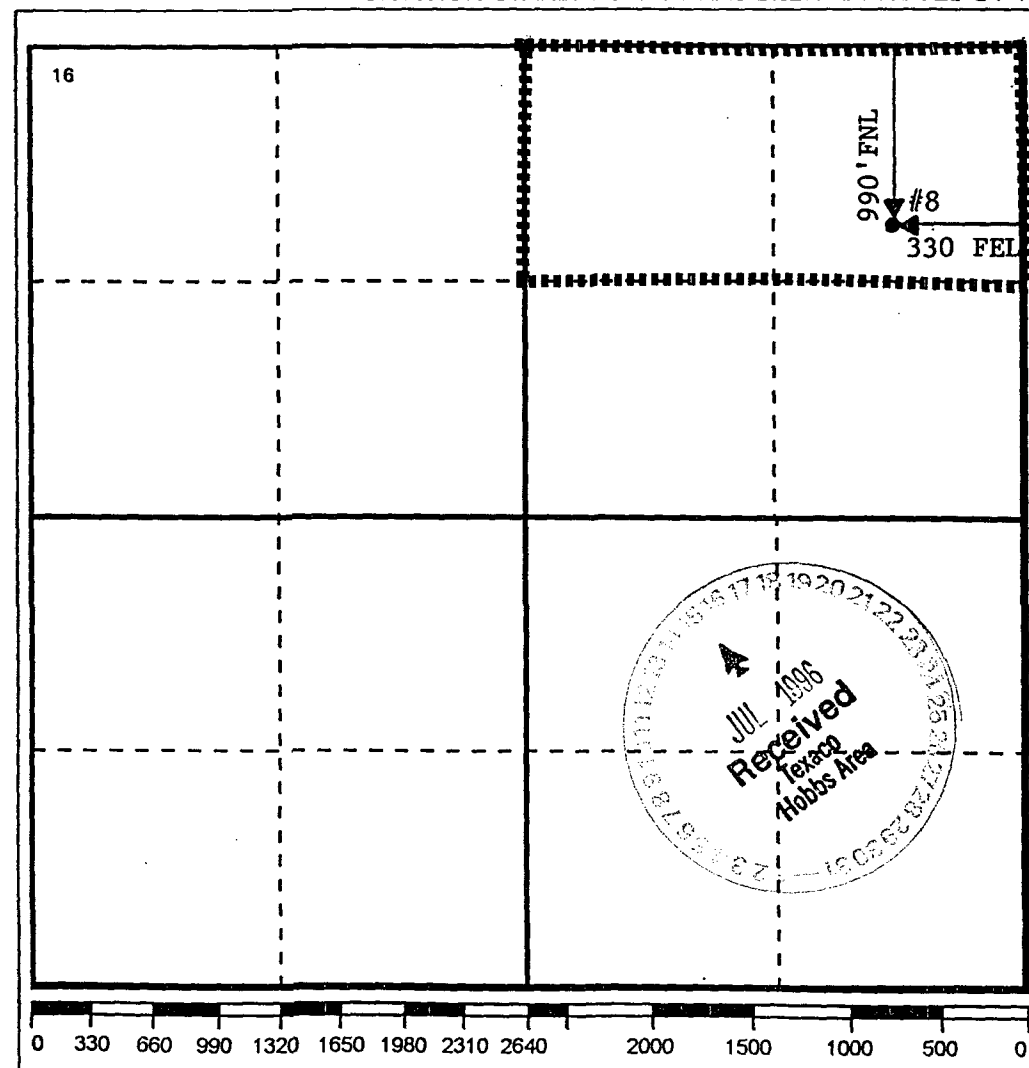
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
A	11	20S	37E		990	NORTH	330	EAST	LEA

¹¹ 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

¹² Dedicated Acres 80	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ 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

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

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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

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☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

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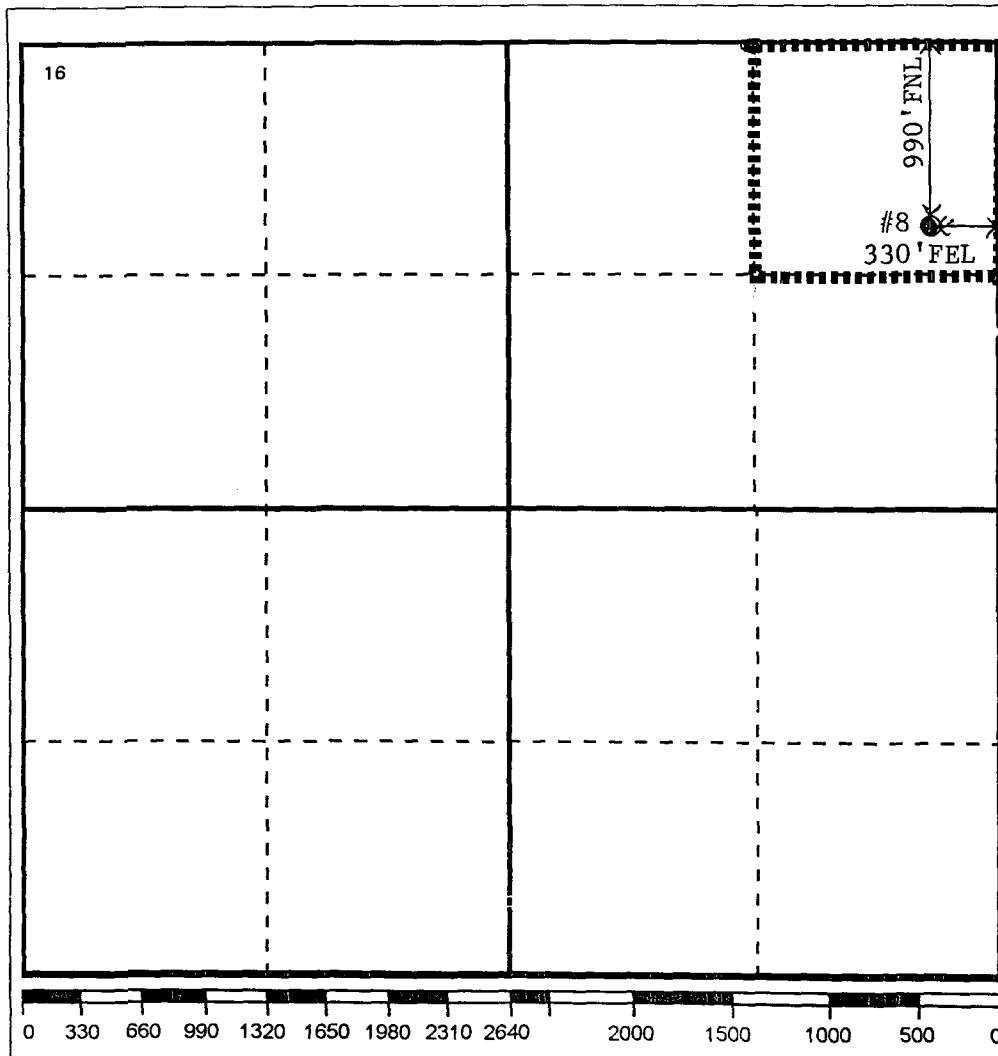
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Printed Name

Paula S. Ives

Position

Engineering Assistant

Date

9/23/96

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belief.

Date Surveyed

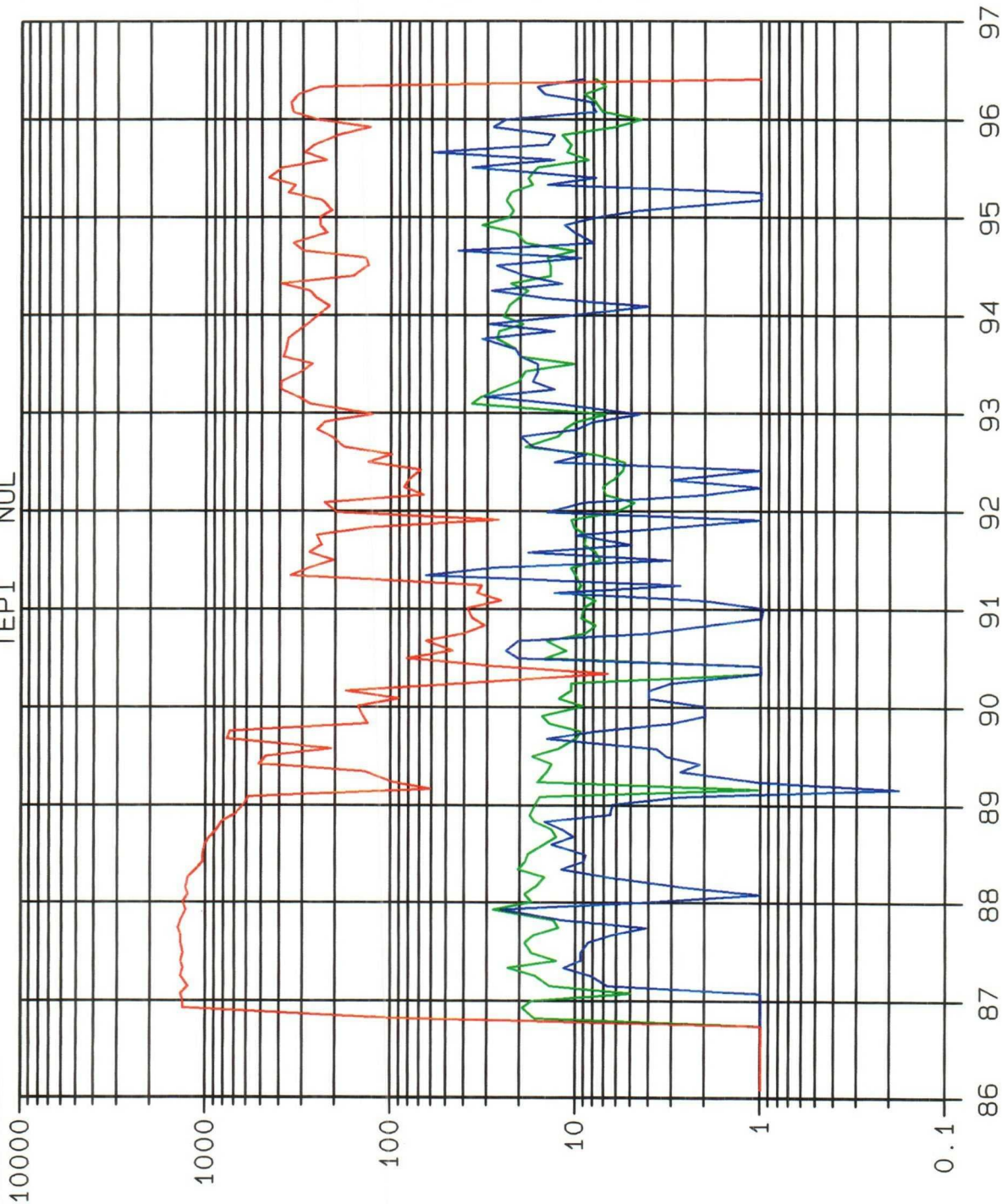
Signature & Seal of
Professional Surveyor

Certificate No.

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

TEPI NUL

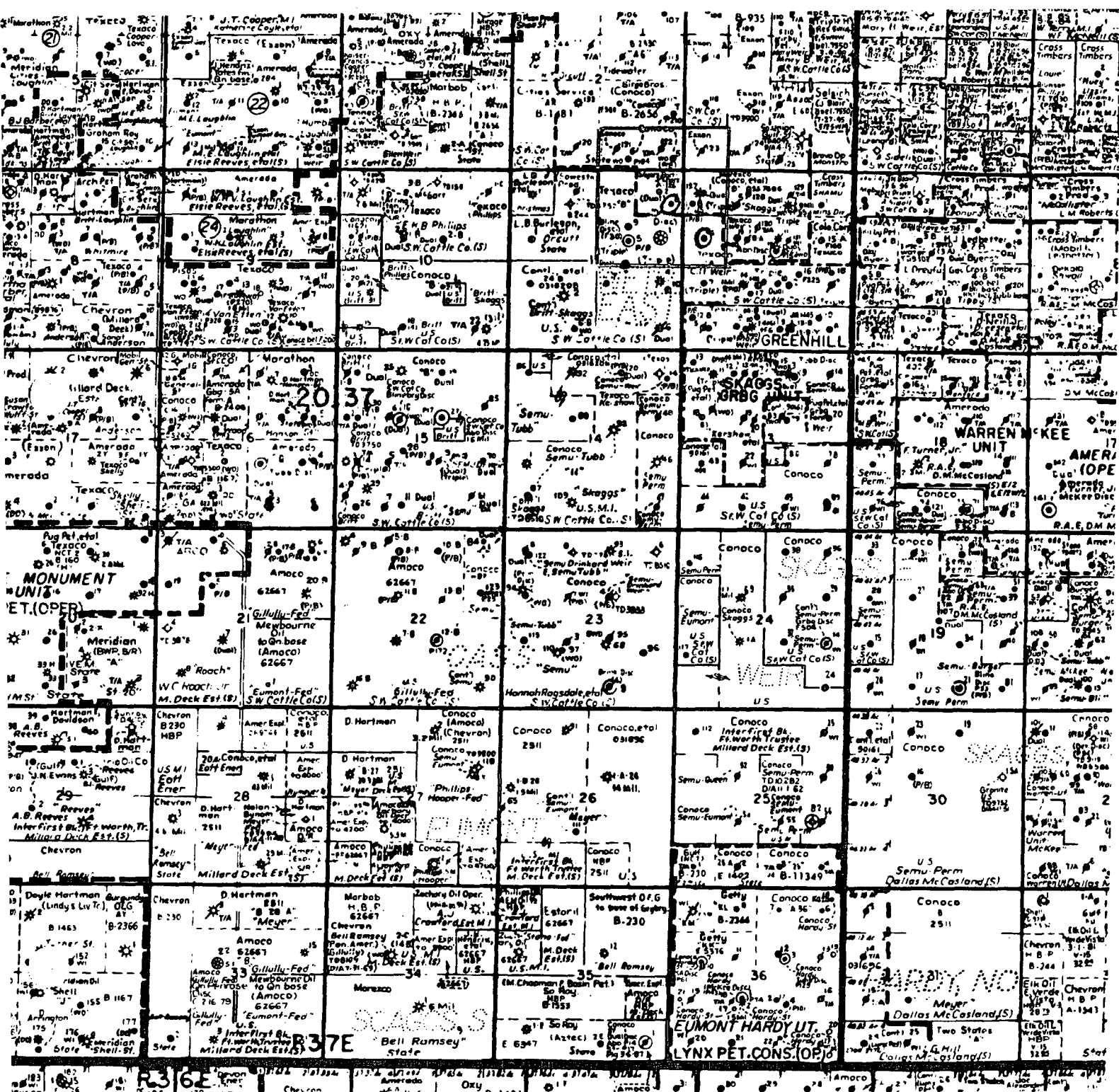
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 LSE 011132
 FLD 57000
 OPER TEPI
 ZONE NUL
 --
 COUNTY 025
 STATE 30
 30025297310001
 STATUS 5-96
 CO 50 MBO
 CG 1540 MMCF
 CW 39 MBW
 BOPD 8
 BWPD 9
 MCFPD 0
 WELLS 1
 CI 0 MBWI
 BWIPD 0



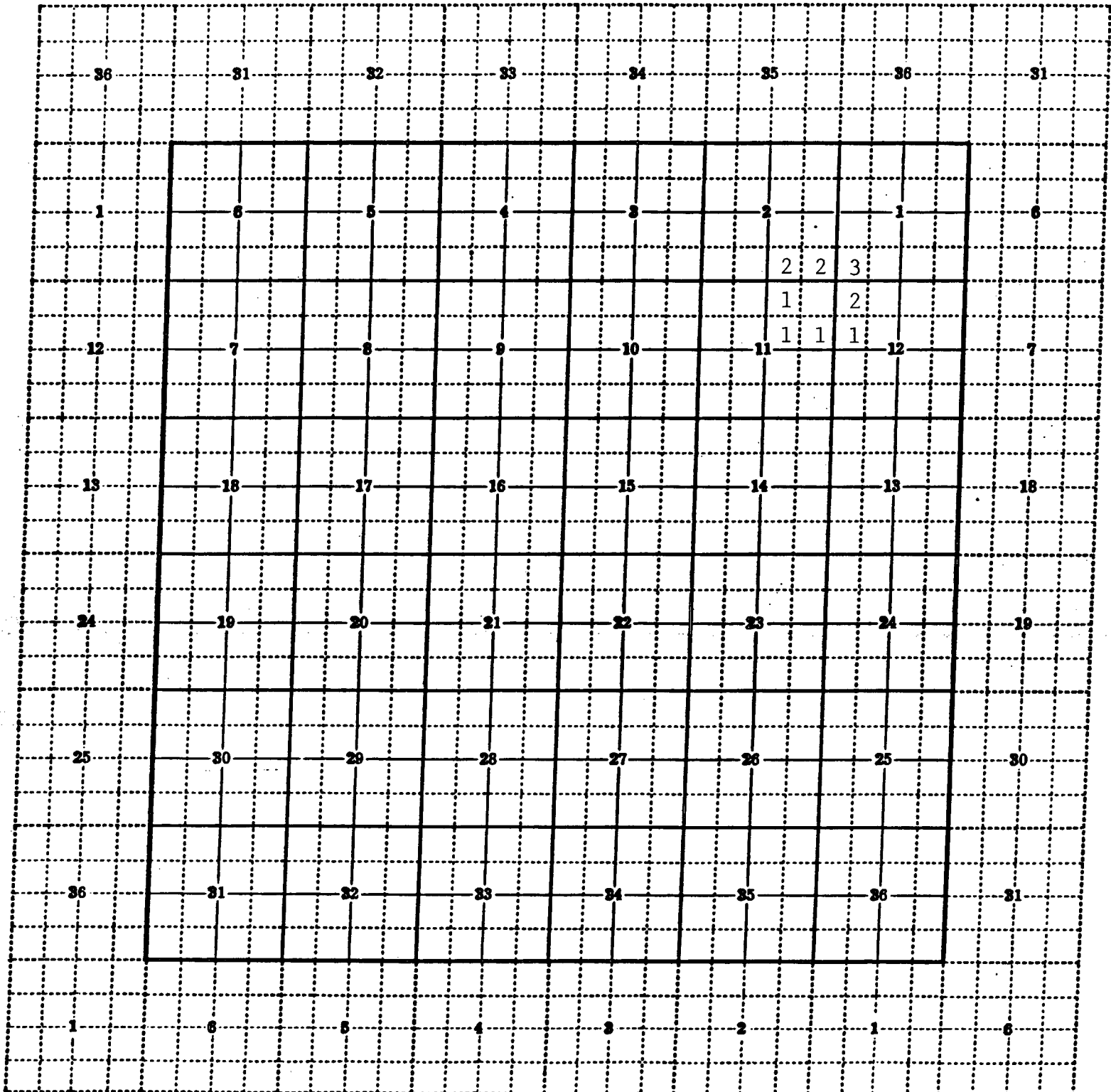
YEARS

BOPD BWPD MCFPD

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
758-5585 Jimmy

688-7878

687-0418

Lee Fischer

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

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
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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 |

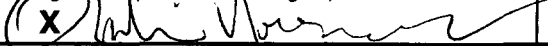
7. Date of Delivery

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 

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

4d. Article Number
Z 106 611 829

4b. Service Type

- ☐ Registered
 ☒ Certified
☐ Express Mail
 ☐ Insured
☐ Return Receipt for Merchandise
 ☐ 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 *V. Bryant*

Thank you for using Return Receipt Service.