

Form 9160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U.S. OIL CONS. COMMISSION
P.O. BOX 1980
409RS NEW MEXICO 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 032096-B

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CONOCO, Inc.

3. Address and Telephone No.

10 Desta Dr. Ste 100W, Midland, TX 79705 (915) 686-6548

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 660' FEL
Sec. 35, T-21S, R-37E

7. If Unit or CA, Agreement Designation

Lockhart B-35

8. Well Name and No.

3

9. API Well No.

30-025-07034

10. Field Unit, Pool, or Exploratory Area

Tubb

11. County or Parish, State

Lea

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Downhole Commingling

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to downhole the Blinebry and Tubb pools in this wellbore to maximize the recovery of these two marginal zones.

SEE THE ATTACHED APPLICATION AND ATTACHMENTS FOR DETAILS.

Downhole commingling has already been approved by the NMOCD by Administrative Order No. DHC-1164.

14. I hereby certify that the foregoing is true and correct

Signed

Shannon J. Shaw

Title

Sr. Conservation Coordinator

Date

10/25/95

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw
Conditions of approval, if any:

Title

PETROLEUM ENGINEER

Date

12/7/95

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side



Midland Division
Exploration Production

Conoco Inc.
10 Deste Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

September 12, 1995

Bureau of Land Management
P.O. Box 1778
Carlsbad, New Mexico 88220

**Re: Application to Downhole Commingle
Blinebry and Tubb Production in the
Lockhart B-35 No. 3, 1980' FNL & 660' FEL,
Section 35, R-21S, R-37E, Lea County, New Mexico**

Gentlemen:

Conoco Inc. requests administrative approval to downhole commingle production from the Blinebry and Tubb pools in its Lockhart B-35 No. 3 well to maximize the efficient and effective recovery of reserves from both pools.

This well currently flows 1 BOPD and 37 MCFGPD from the Tubb, but has been shutin in the Blinebry since April, 1993 since the Blinebry will not flow and a dual completion cannot be justified for these very marginal rates.

The following attachments are submitted in support of this application:

1. EXHIBIT A is a plat of Conoco's Lockhart B-35 Lease with the well No. 3 indicated by the arrow and all offset operators shown on the surrounding tracts.
2. EXHIBITS B and C are decline curves for the Blinebry and Tubb completions respectively.
3. EXHIBIT D is a C-116 showing the latest tests for both zones.
4. Estimated bottomhole pressures are 640 psi for the Blinebry and 400 psi for the Tubb.
5. There should be no fluid compatibility problems since the Tubb makes no water and the Blinebry only one barrel per day. Also the gravities of both oils are 35.9° API.
6. Since the oil gravities are identical the value of the commingled fluid will remain the same as the separated pools.

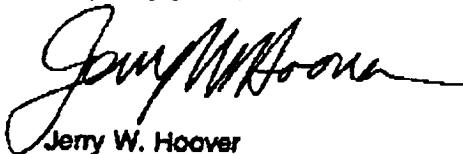


7. Allocation percentages based on the submitted C-116 data are suggested as follows:

	<u>Oil</u>	<u>Gas</u>	<u>Water</u>
Blinebry	25%	41%	100%
Tubb	75%	59%	0%

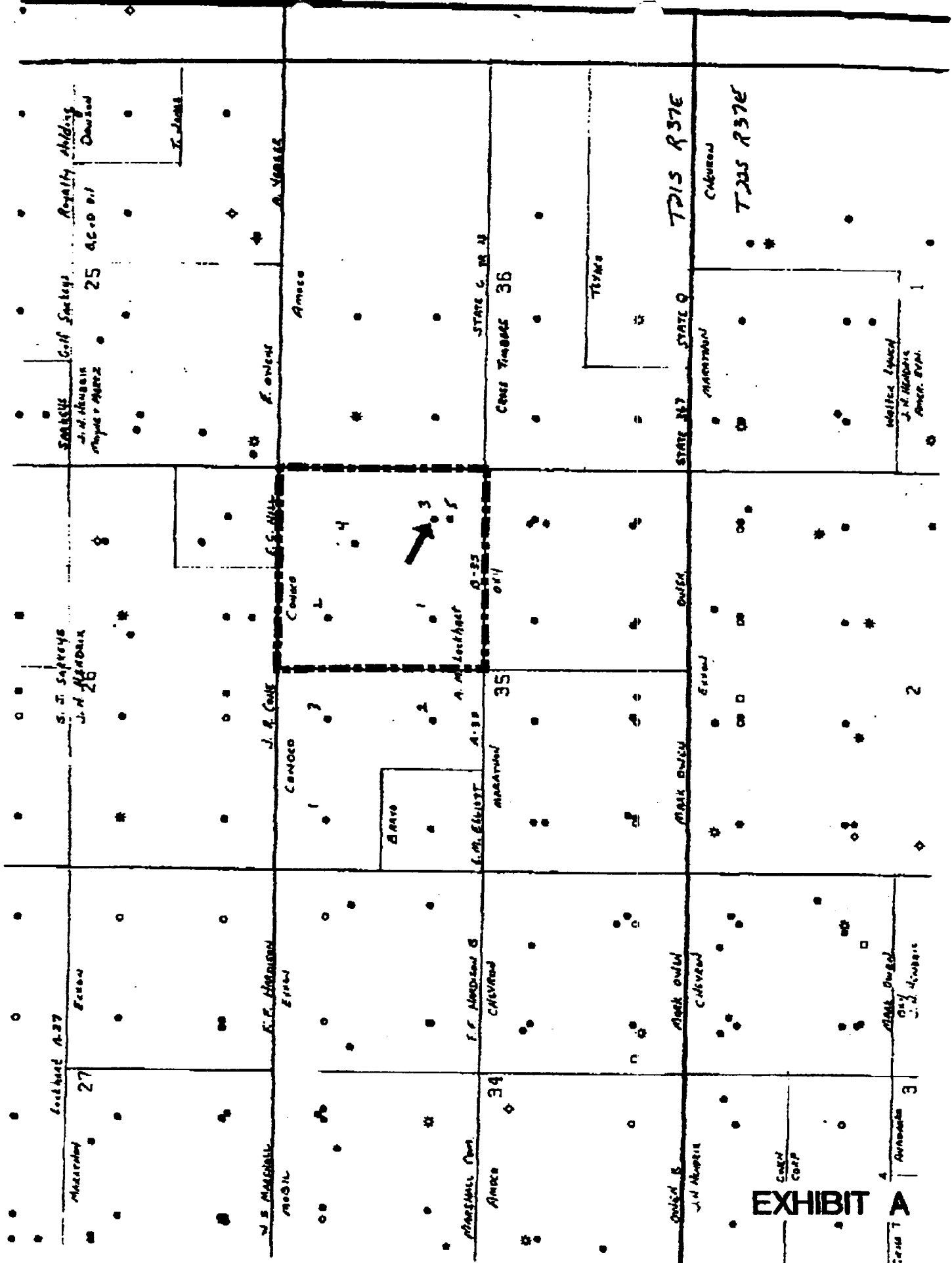
8. Ownership is common in both pools and correlative rights will not be violated.
9. Offset operators to the east, southeast, and south of this 40-acre spacing unit are:
Amoco, Cross Timbers, & OXY
10. EXHIBIT E shows copies of the certified mail receipts for the notices of this application that were sent to each of the above operators.

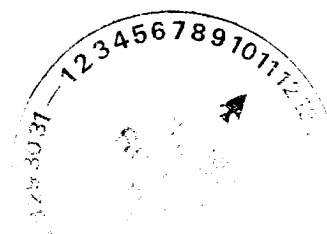
Very truly yours,



Jerry W. Hoover
Sr. Conservation Coordinator

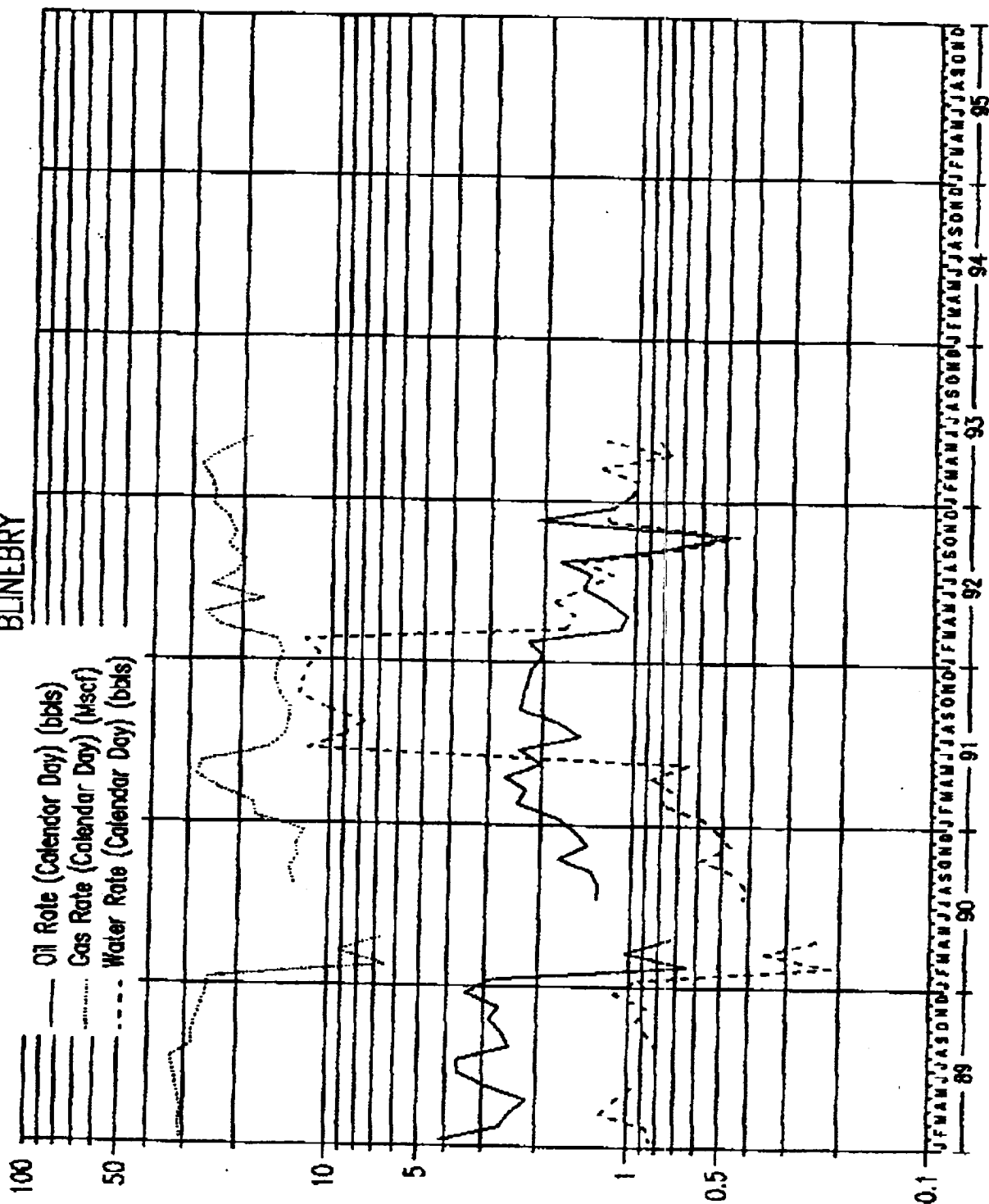


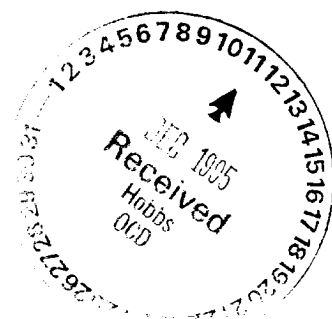




WELL: LOCKHART B 35 NO.3

BLINEBRY





WELL: LOCKHART B 35 3 NO.3

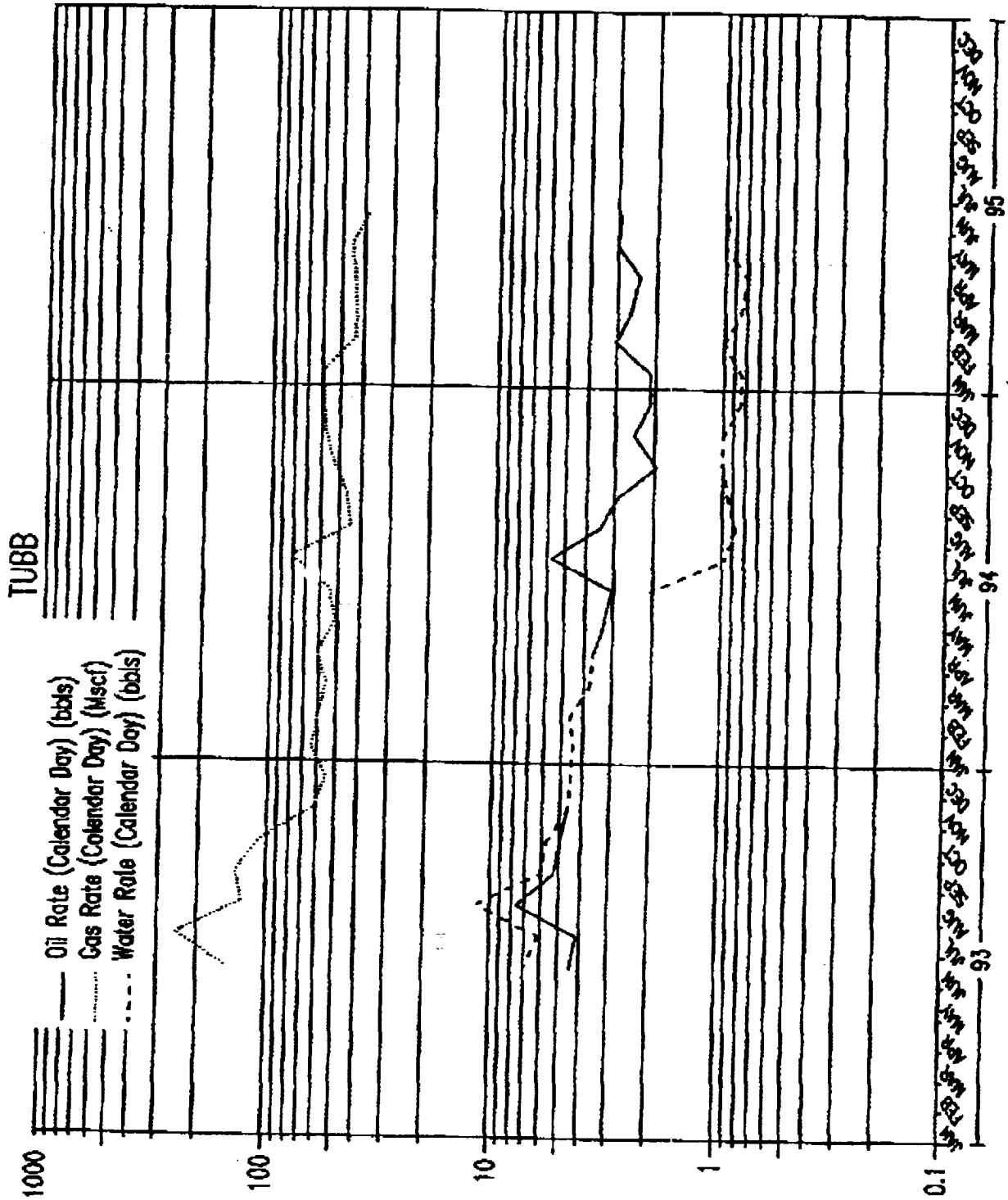


EXHIBIT C



Submit 2 copies to Appropriate
District Office.

DISTRICT I

P.O. Box 1988, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 60, Artesia, NM 88210

DISTRICT III

1000 Rio Grande Rd., Aztec, NM 87410

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-116
Revised 1/7/89

GAS - OIL RATIO TEST

Operator		Tubbs Gas		County		Lea								
Conoco Inc.														
Address		TYPE OF TEST - (X)		Completion		Special								
10 Denta Dr., Ste 100W, Midland, Tx 79703														
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TRG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO (MCF. CU FT/BBL)	
		U	B	T						R	WATER BBL.	GRV. OIL		OIL BBL.
Lockhart B-35 (Tubbs) (Blaineby)	3	H	35	218	37E	7-18-95	P		24	0	35.9	3	37	12,333
	3	H	35	215	37E	April '93 S last test	S		24	1	35.9	1	26	26,000

Instructions:

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.

See Rule 301, Rule 1116 & appropriate pool rules.)

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

Terry Staithem
Signature

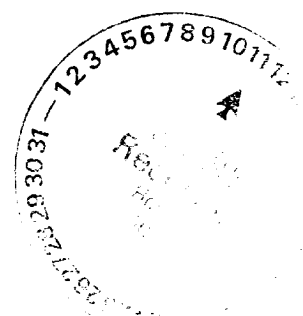
Terry Staithem, Sr. O & G Assistant
Printed name and title

8/15/93

Date

(915) 686-5438
Telephone No.

EXHIBIT D



Z 111 000 217

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International MailCross Timbers Oil Co.
810 Houston, Ste 2000
Ft. Worth, TX 76102

PS Form 3800, March 1993

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	9/12/95

Z 111 000 216

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International MailAmoco Production Co.
P.O. Box 3092
Houston, Tx 77253

PS Form 3800, March 1993

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	9/12/95

Z 111 000 218

**Receipt for
Certified Mail**No Insurance Coverage Provided
Do not use for International MailOXY USA Inc.
P.O. Box 300
Tulsa, OK 74102

PS Form 3800, March 1993

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	9/12/95

EXHIBIT E

