

 $\begin{array}{c} \textbf{Midland Division} \\ \text{Exploration Production} \\ \text{Exploration Production} \\ \text{RECE-VED} \\ \end{array}$

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

September 12, 1995

State of New Mexico
Oil Conservation Division
2040 Pacheco
Santa Fe. New Mexico 87504

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. Their 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,

derry W. Hoover

Sr. Conservation Coordinator

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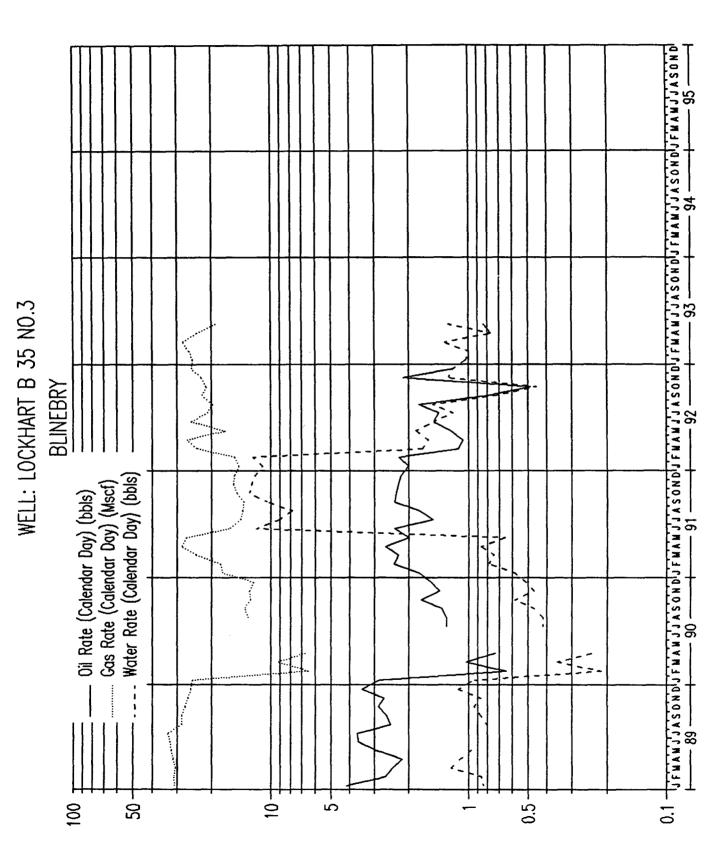


EXHIBIT B

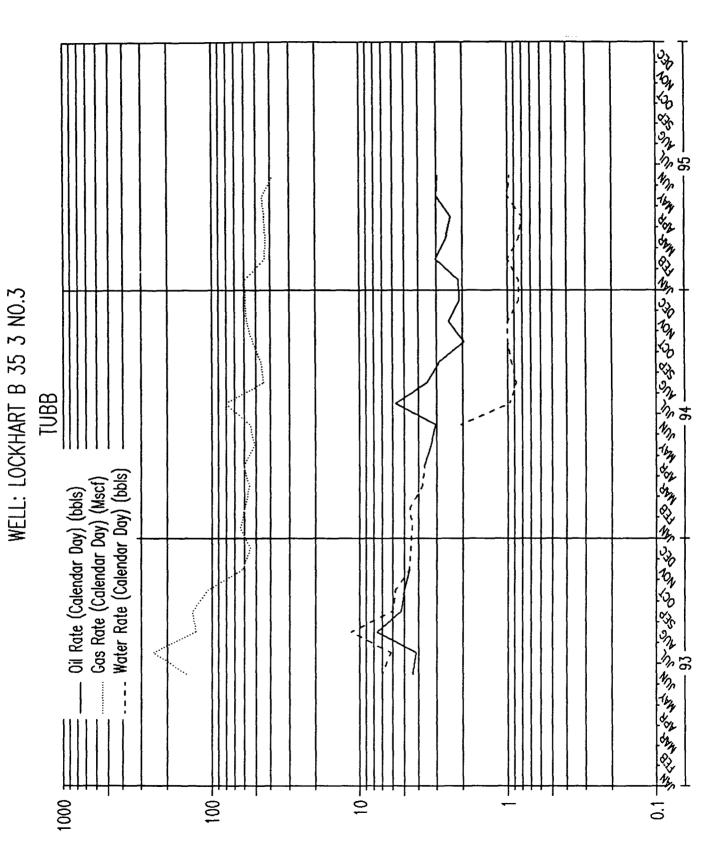


EXHIBIT C

Revised 1/1/89 Form C-116

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

Submit 2 copies to Appropriate

District Office.

DISTRICT 1

GAS - OIL RATIO TEST

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Instructions:

ich well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the poof in ker that well can be assigned increased allowables when authorized by the Division.

Terri Stathem, Sr. O & G. Assistant

Printed name and title 8/15/95

and truewledge and belief.

(915) 686-5438 Telephone No.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

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

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. ecific gravity base will be 0.60.

Z 111 000 217



Receipt for > Certified Mail

No Insurance Coverage Provided Do not use for International Mail

Cross Timbers Oil Co. 810 Houston, Ste 2000 Ft. Worth, TX 76102

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ı	Certified Fee	
	Special-Delivery Fee	
ļ	Restricted Delivery Fee	
3	Return Receipt Showing to Whom & Date Delivered	·
ב	Return Receipt Showing to Whom, Date, and Addressee's Address	
, Ma	TOTAL Postage & Fees	\$
PS Form 3800, March 1993	Postmark or Date 9 (12/9	, _
PS Fo	11/2/9	3

Z ILL DOOR 2148



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail

OXY USA Inc. P.O. Box 300 Tulsa, OK 74102

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Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail

Amoco Production Co. P.O. Box 3092 Houston, Tx 77253

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