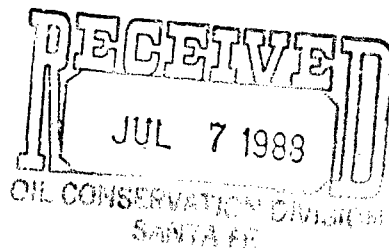




David L. Wacker  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P.O. Box 460  
726 East Michigan  
Hobbs, NM 88240  
(505) 397-5800

June 28, 1988



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

Dear Mr. LeMay:

Application to Downhole Commingle Warren Unit No. 86, Unit I, Section 29,  
T20S, R38E, Lea County, New Mexico

Conoco Inc. respectfully requests approval to downhole commingle the  
Blinebry Oil & Gas and the Warren Tubb pools in the subject well.

Additional data relative to this commingling is listed below:

1. A lease plat is attached showing the location of this well.
2. C-116's are included providing a test for each zone.
3. A decline curve for the Warren Tubb is attached. A decline curve for the Blinebry is not available since this is a new completion.
4. Estimated shut-in bottomhole pressures are 1750 psi for the Blinebry and 1565 psi for the Tubb (estimated from static fluid levels). Both zones require artificial lift to remove liquids.
5. Ownership of interest in both formations is the same.
6. The quality of crude is identical and commingling will not reduce the commercial value. All production is Tier II sweet oil. The value of the crude is as follows:

<u>Zone</u>	<u>Gravity</u>	<u>Value Per Barrel</u>
Blinebry	40.4	\$16.96
Tubb	40.4	\$16.91

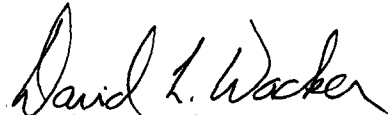
Mr. William LeMay  
Page 2  
June 28, 1988

7. The following allocation percentages are suggested based upon the ratio of production from each zone:

	<u>Oil</u>	<u>Gas</u>	<u>Water</u>
Blinebry Oil & Gas	21%	22%	10%
Warren Tubb	79%	78%	90%

8. By copy of this letter, we are notifying the Bureau of Land Management of this proposed commingling. Conoco is the only offset operator to this well.

Yours very truly,



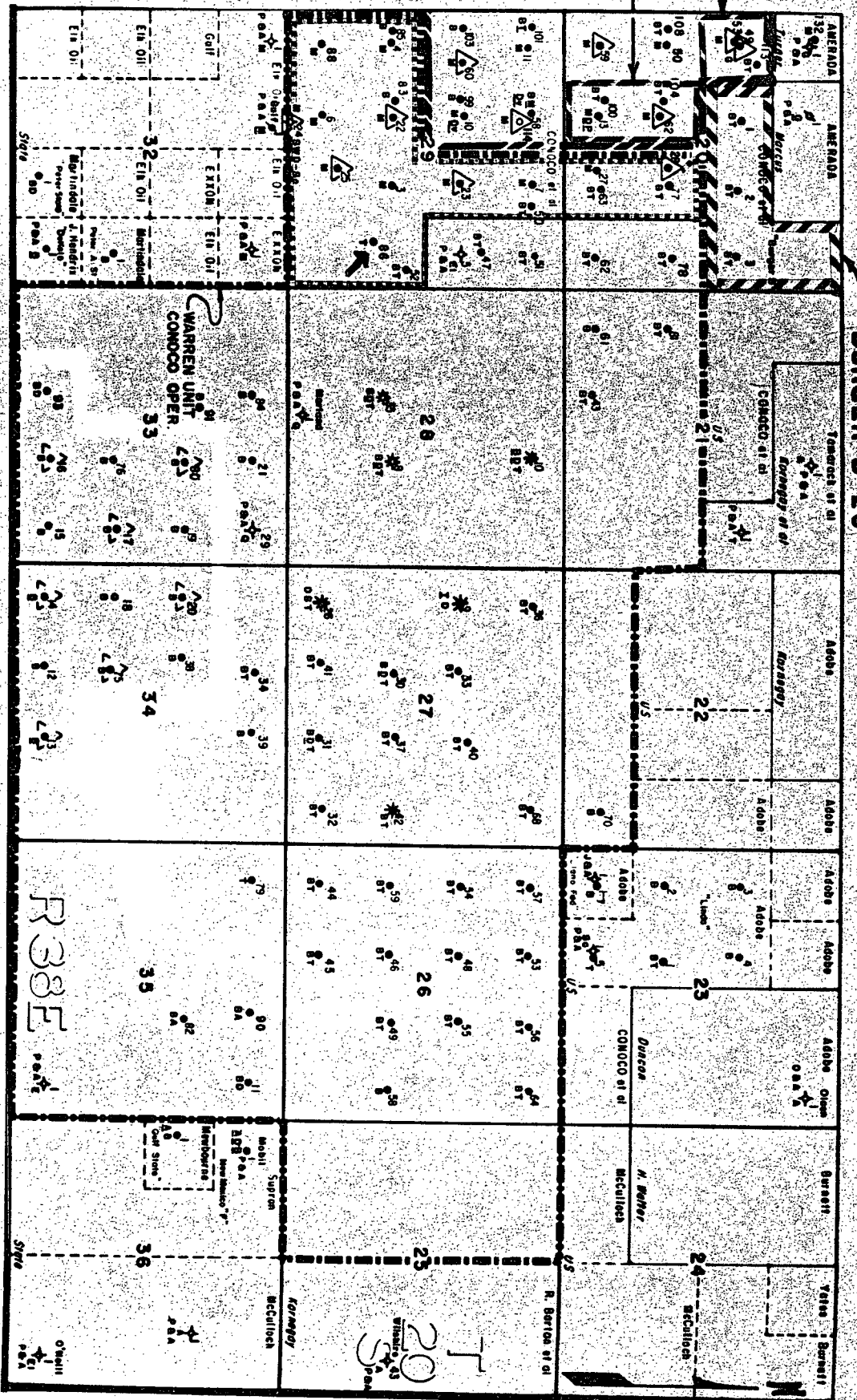
David L. Wacker  
Division Manager

COY:jd  
Enclosure

cc: BLM - Carlsbad

# BURGER B-20

SEMU TUBB A



## — LEGEND —

- Abo
- Blinberry
- Drymard
- Deronian
- Ellenburger
- Grayburg
- Gloriana
- McKee
- Poddeck
- Queen
- Simpson
- San Andres
- Tubb
- SI, TA, Or ZA.
- PROPOSED INJECTOR

PRODUCTION DEPARTMENT

**CONOCO**

HOBBS DIVISION

**OWNERSHIP & COMPLETION MAP**

LEA COUNTY, NEW MEXICO

SCALE

0 1000' 2000'

871

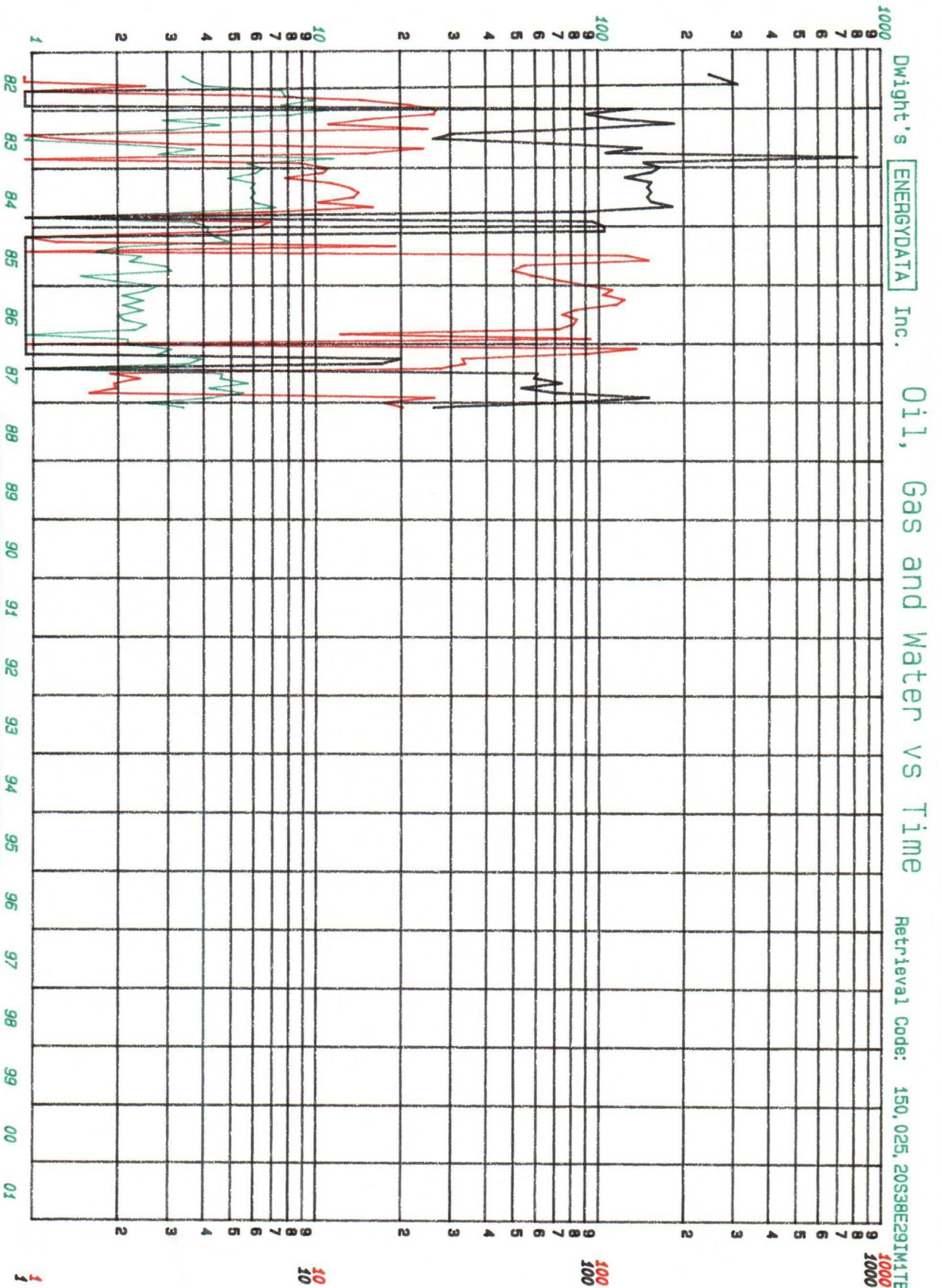
C-116  
Revised 1-1-65

10/28/88  
(Date)

C-116  
Revised 1-1-65

~~(Time)~~  
~~6/28/88~~  
~~(Date)~~

# DAILY OIL PRODUCTION (BBL/DAY)



WATER (BBL/MO) DAILY GAS PRODUCTION (MCF/DAY)

**Lease:** WARREN UNIT TUBB  
**Well #** 000086  
**Operator:** CONOCO INC.  
**Field:** WARREN TUBB (OIL)  
**Reservoir:**  
**County:** LEA  
**Location:** 29 20S 30E NW

Date: 06-17-88

Dwight's ENERGYDATA Inc. Oil, Gas and Water vs Time  
 Retrieval Code: 150,025,20S38E29M11TB

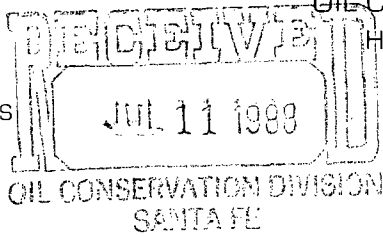


STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR



7-6-88

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	<u>X</u> _____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<u>Conoco Inc.</u>	<u>Warren unit #86-I</u>	<u>29-20-38</u>
Operator	Lease & Well No. Unit	S-T-R

and my recommendations are as follows:

OK JS

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed