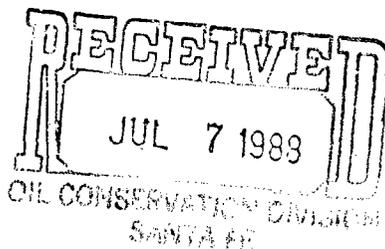




David L. Wacker
 Division Manager
 Production Department
 Hobbs Division
 North American Production

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,



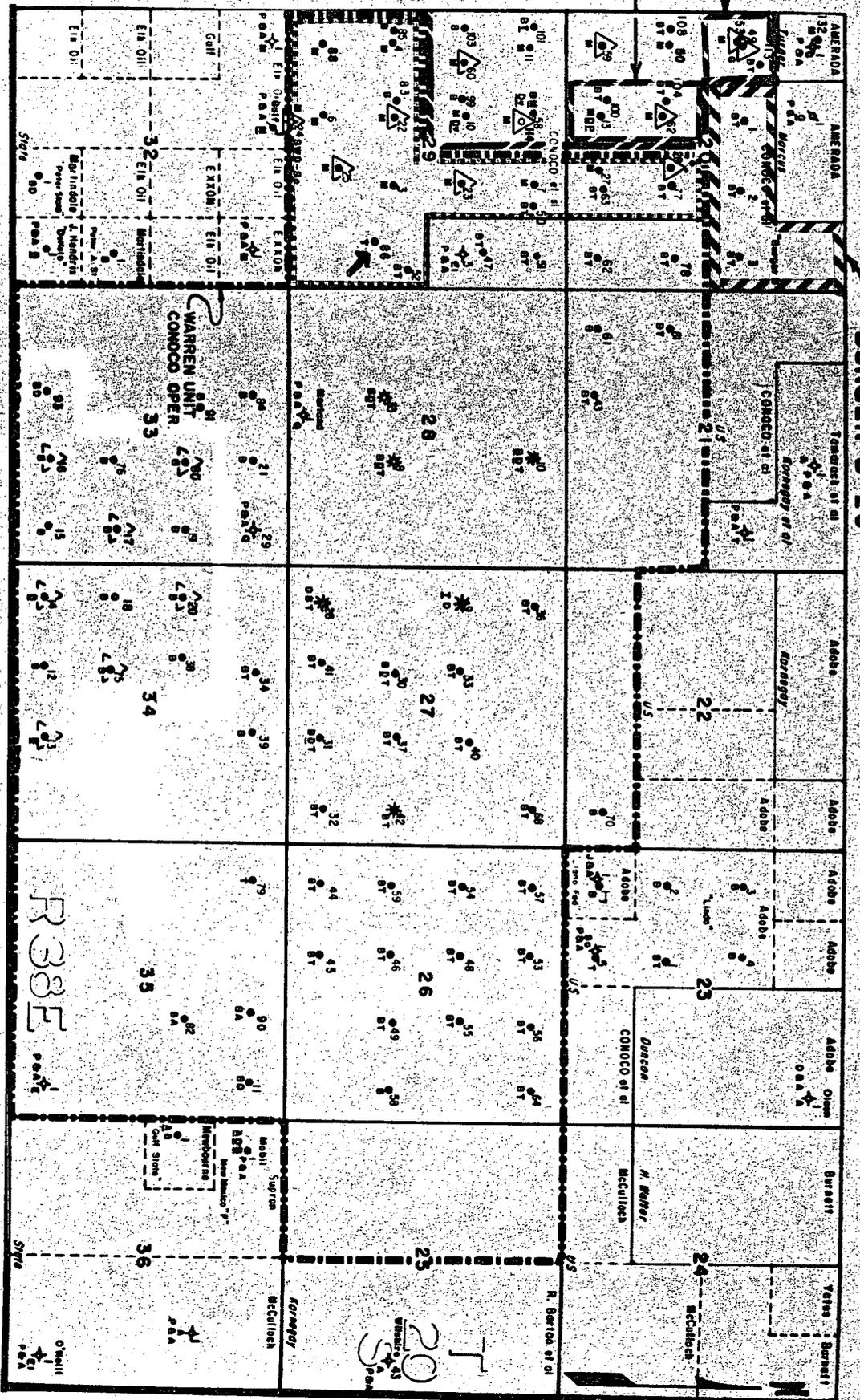
David L. Wacker
Division Manager

COY:jd
Enclosure

cc: BLM - Carlsbad

SEMU TUBB A

BURGER B-20



— LEGEND —

- Abo
- Blinbery
- Drinkard
- Devonian
- Ellenburger
- Grayburg
- Gloriene
- McKee
- Paddock
- Queen
- Simpson
- San Andres
- Tubb
- SI, TA, Or ZA.
- PROPOSED INJECTOR

PRODUCTION DEPARTMENT **CONOCO** HOBBS DIVISION

OWNERSHIP & COMPLETION MAP

LEA COUNTY, NEW MEXICO

SCALE 1" = 1000'

87.1

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

| Operator Conoco Inc. | | Pool Warren Tubb | | | County Lea | | | | | | | | | | |
|---|----------|---------------------|----|--|---------------|-------|------------|-------------|------------------|----------------------|------------------------|--------------|-----------|------------|----------------------------|
| Address P. O. Box 460, Hobbs, NM 88240 | | | | TYPE OF TEST - (X) <input type="checkbox"/> Scheduled <input checked="" type="checkbox"/> Special | | | | | | | | | | | |
| LEASE NAME | WELL NO. | LOCATION | | | DATE OF TEST | STATE | CHOKE SIZE | TBG. PRESS. | DAILY ALLOW-ABLE | LENGTH OF TEST HOURS | PRODUCTION DURING TEST | | | | GAS - OIL RATIO CU.FT./BBL |
| | | U | S | T | | | | | | | R | WATER BBL.S. | GRAV. OIL | OIL BBL.S. | |
| Warren Unit | 86 | I | 29 | 20S | 38E | | | | | 24 | 2 | 40.4 | 5 | 28 | 5600 |

No well will be assigned an allowable greater than the amount of oil produced on the official test.
 During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which wells 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 Commission.
 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.
 Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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


 (Signature)
 D.F. Finney
 Administrative Supervisor
 Title
 10/28/88
 (Date)

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

| Operator Conoco Inc. | | Pool Blinberry Oil & Gas | | County Lea | | | | | | | | | | |
|--|----------|--|----|--|--------------|------------|-------------|-------------------|----------------------|-------------------|------------|-----------|------------------------------|----------|
| Address P. O. Box 460, Hobbs, NM 88240 | | TYPE OF TEST - (X) <input checked="" type="checkbox"/> TEST - (X) | | Scheduled <input type="checkbox"/> Special <input checked="" type="checkbox"/> | | | | | | | | | | |
| LEASE NAME | WELL NO. | LOCATION | | | DATE OF TEST | CHOKE SIZE | TBG. PRESS. | DAILY ALLOW. ABLE | LENGTH OF TEST HOURS | PROD. DURING TEST | | | GAS - OIL RATIO CU. FT./BBL. | |
| | | U | S | T | | | | | | R | WATER BBL. | GRAV. OIL | | OIL BBL. |
| Warren Unit | 86 | I | 29 | 20S | 38E | 5/25/88 | | | 24 | 18 | 40.4 | 19 | 100 | 5263 |

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 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 Commission.
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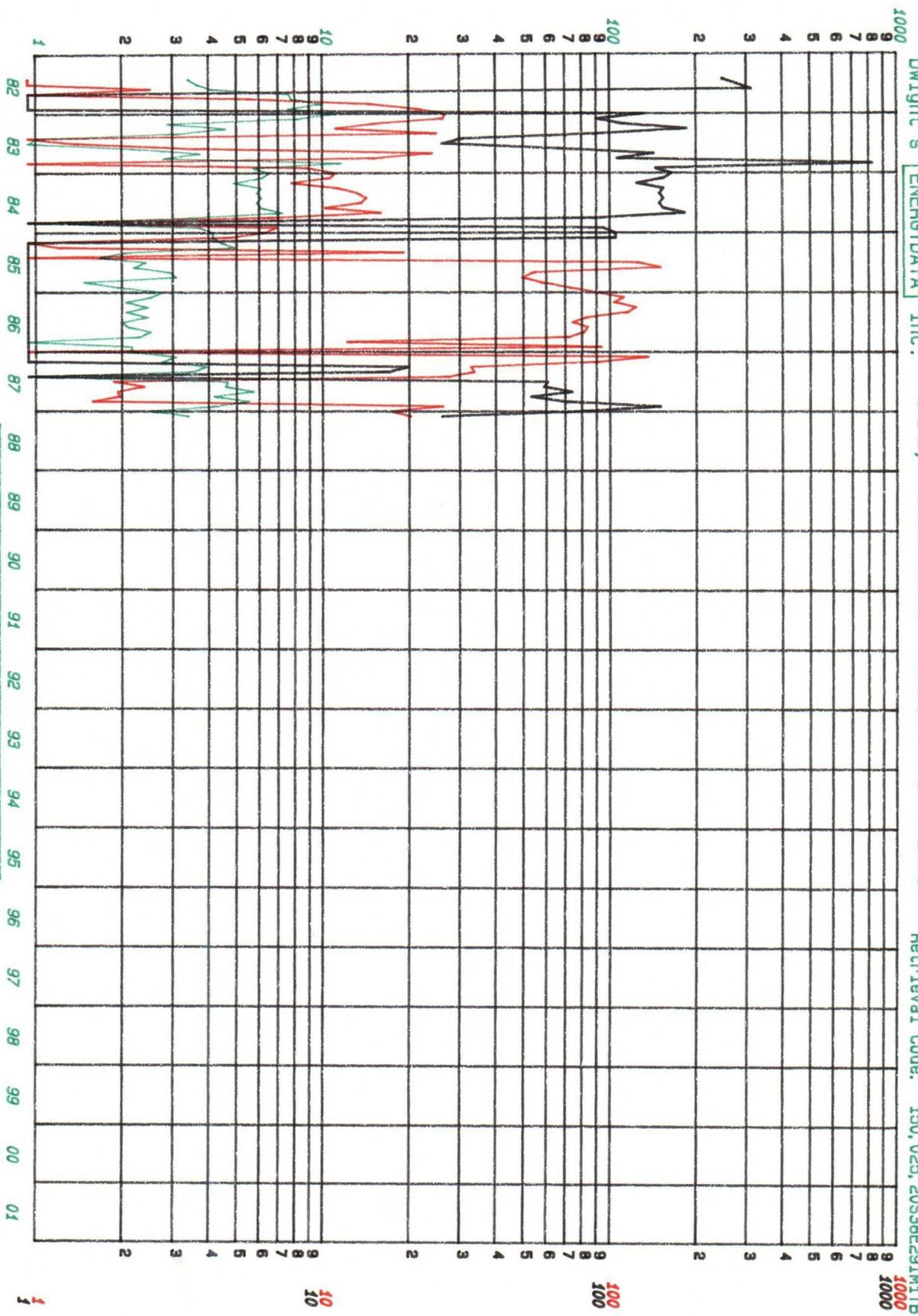

 (Signature)
D.F. Finney
 Administrative Supervisor
 (Title)
 6/28/88
 (Date)

DAILY OIL PRODUCTION (BBL/DAY)

Dwight's ENERGYDATA Inc.

Oil, Gas and Water vs Time

Retrieval Code: 150,025,20338E291M1TB



| LEGEND | |
|--------|---|
| OIL | — |
| GAS | — |
| WATER | — |

| | |
|------------|-------------------|
| Lease: | WARREN UNIT TUBB |
| Well # | 000086 |
| Operator: | CONDICO INC |
| Field: | WARREN TUBB (OIL) |
| Reservoir: | |
| County: | LEA |
| Location: | 29 20S 39E NW |

TB

Date: 06-17-89

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



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

RECEIVED
JUL 11 1988
OIL CONSERVATION DIVISION
SANTA FE

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 _____
- NSL _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

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

and my recommendations are as follows:

OK JS

Yours very truly,

Jerry Sexton
 Jerry Sexton
 Supervisor, District 1

/ed