ENERGY AND MINERALS DEPARTMENT

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION HOBBS DISTR CT OFFICE

7-6-88

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

GARREY CARRUTHERS

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

DHC-696

RE: Proposed: MC DHC X NSL NSP SWD WFX PMX

Gentlemen:

I have examined the application for the:

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

and my recommendations are as follows:

Yours very truly On

Jerry Sexton ' Supervisor, District 1

/ed



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. \_eMay:

Application to Downhole Commingle Warren Unit No. 86, Unit I, Section 29, <u>T2OS, R38E, Lea County, New Mexico</u>

Conoco Inc. respectfully requests approval to downhole commingle the Blinebry Dil & 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:

	Zone	Gravity	Value Per <u>Barrel</u>
ware-	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>0i</u>	Gas	<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



JUL 6 1988

OCD HOBBS OFFICE

GAS - OIL RATIO TESTS	NEW MEXICO OIL CONSERVATION COMMISSION
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C-116 Reviewd 1-1-65

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

C-116 Revised 1-1-65

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