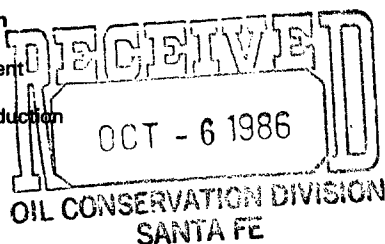




Donald W. Johnson
 Division Manager
 Production Department
 Hobbs Division
 North American Production



Conoco Inc.
 P.O. Box 460
 726 East Michigan
 Hobbs, NM 88240
 (505) 393-4141

October 1, 1986

New Mexico Oil Conservation Division
 P. O. Box 2088
 Santa Fe, NM 87504-2088

Attention Mr. Richard L. Stamets, Director

Dear Mr. Stamets:

Application to Downhole Commingle Warren Unit No. 53, Unit C, Section 26, T-20S, R-38E, Lea County, New Mexico.

Conoco Inc. respectfully requests approval to downhole commingle the Blinebry Oil and Gas pool with the Warren Tubb Oil in the Warren Unit No. 53.

Additional data relative to this commingling is listed below:

1. A lease plat is attached as well as a plat showing the commingled wells in the Warren Unit.
2. C-116's are included providing tests for each zone.
3. Decline curves for each horizon are attached.
4. Shut-in bottomhole pressures are 584 psi for the Blinebry (863 psi corrected to midpoint of Tubb perms) and 941 psi for the Tubb zone. These bottomhole pressures were taken from the Warren Unit No. 48 which is located 1320' south of the subject well.
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 sweet Tier oil. The value of the crude is as follows:

<u>Zone</u>	<u>Gravity</u>	<u>Value Per Barrel</u>
Blinebry Oil & Gas	38.7°	\$14.00
Warren Tubb Oil	38.7°	\$14.00

*Tubb - 6552-6706
 Blinebry - 6436-
 5934-6205*

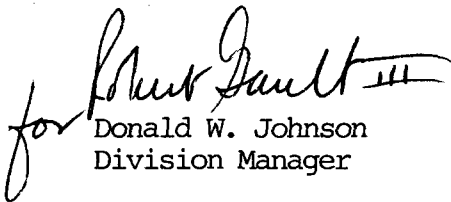
New Mexico Oil Conservation Division
Page 2
September 29, 1986

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

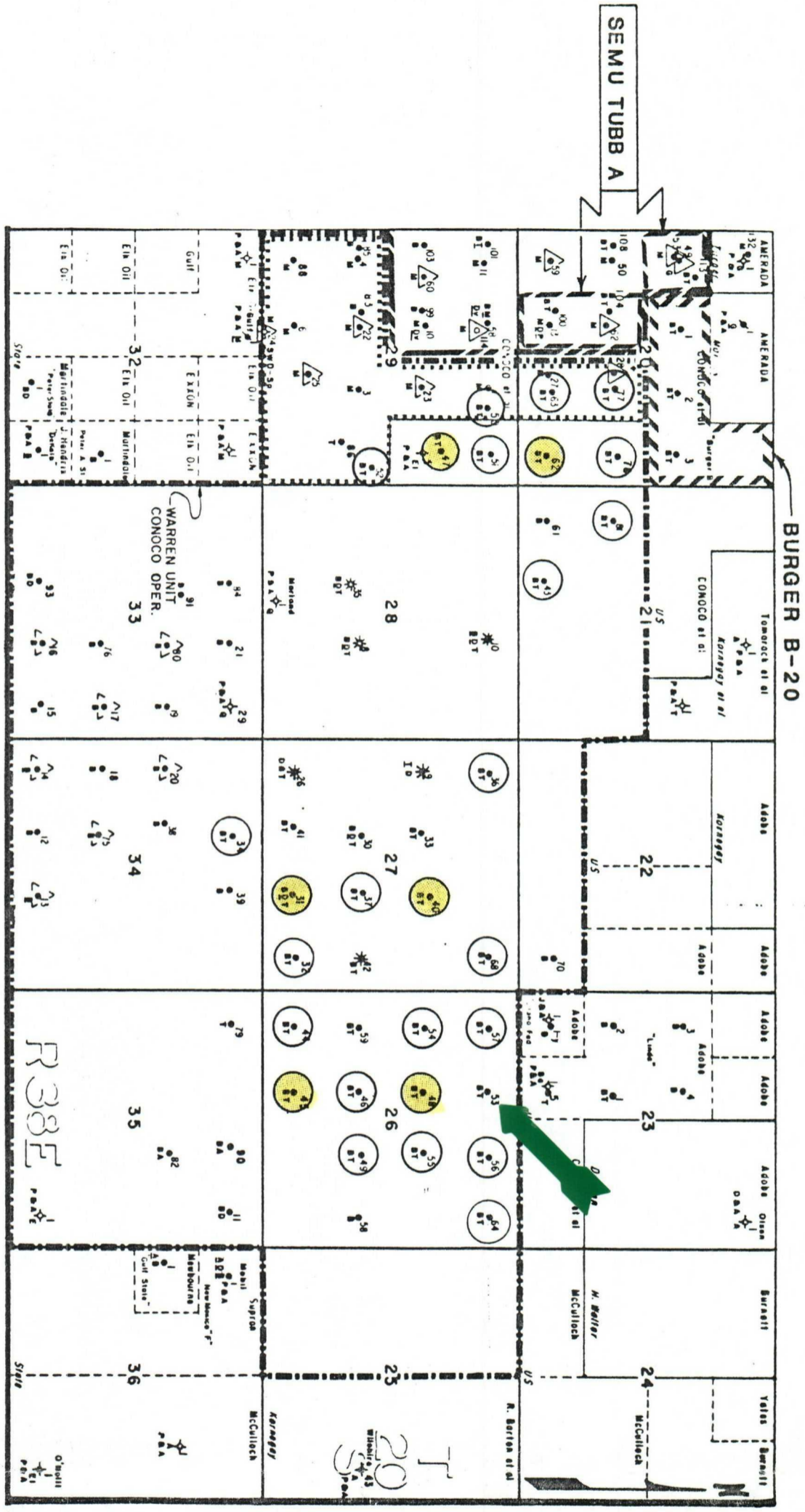
	<u>Oil</u>	<u>Gas</u>
Blinebry Oil & Gas	18%	71%
Warren Tubb Oil	82%	29%

8. By copy of this letter we are notifying the Bureau of Land Management and Adobe Oil & Gas Corporation as offset operator of the proposed commingling.

Yours very truly,

for
Donald W. Johnson
Division Manager

ELK: jr
Enclosures



— LEGEND —

- 1 Abo
- 2 Billebry
- 3 Drinkard
- 4 Devonian
- 5 Ellenburger
- 6 Grayburg
- 7 Glorieta
- 8 McKee
- 9 Paddock
- 10 Queen
- 11 Simpson
- 12 San Andres
- 13 Tubb
- 14 SI, TA, Or ZA.

CONOCO

PRODUCTION DEPARTMENT HOBBS DIVISION

OWNERSHIP & COMPLETION MAP

○ D.H.C. WELLS

● D.H.C. WELLS (BHP) TAKEN

LEA COUNTY, NEW MEXICO

SCALE
0 1000' 2000'

INJECTOR

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator Conoco Inc.		Pool Blinebry Oil & Gas		County Lea											
Address P. O. Box 460, Hobbs, NM 88240		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Spectral <input checked="" type="checkbox"/>											
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	STAGE	CHOKESIZE	T.B.G. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T							R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
Warren Unit Battery 1	53	C	26	20S	38E	8/25/86	P			24	3	38.7	2	12	6000

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 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.

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.


Administrative Supervisor

(Title)

9/26/86

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator Conoco Inc.		Pool Warren Tubb Oil		County Lea										
Address P. O. Box 460, Hobbs, NM 88240		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL.
		U	S	T						R	WATER BBL.S.	GRAV. OIL	OIL BBL.S.	
Warren Unit Battery I	53	C	26	20S	38E	8/5/86	P		24	2	38.7	9	5	556

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 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.
 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)

Administrative Supervisor

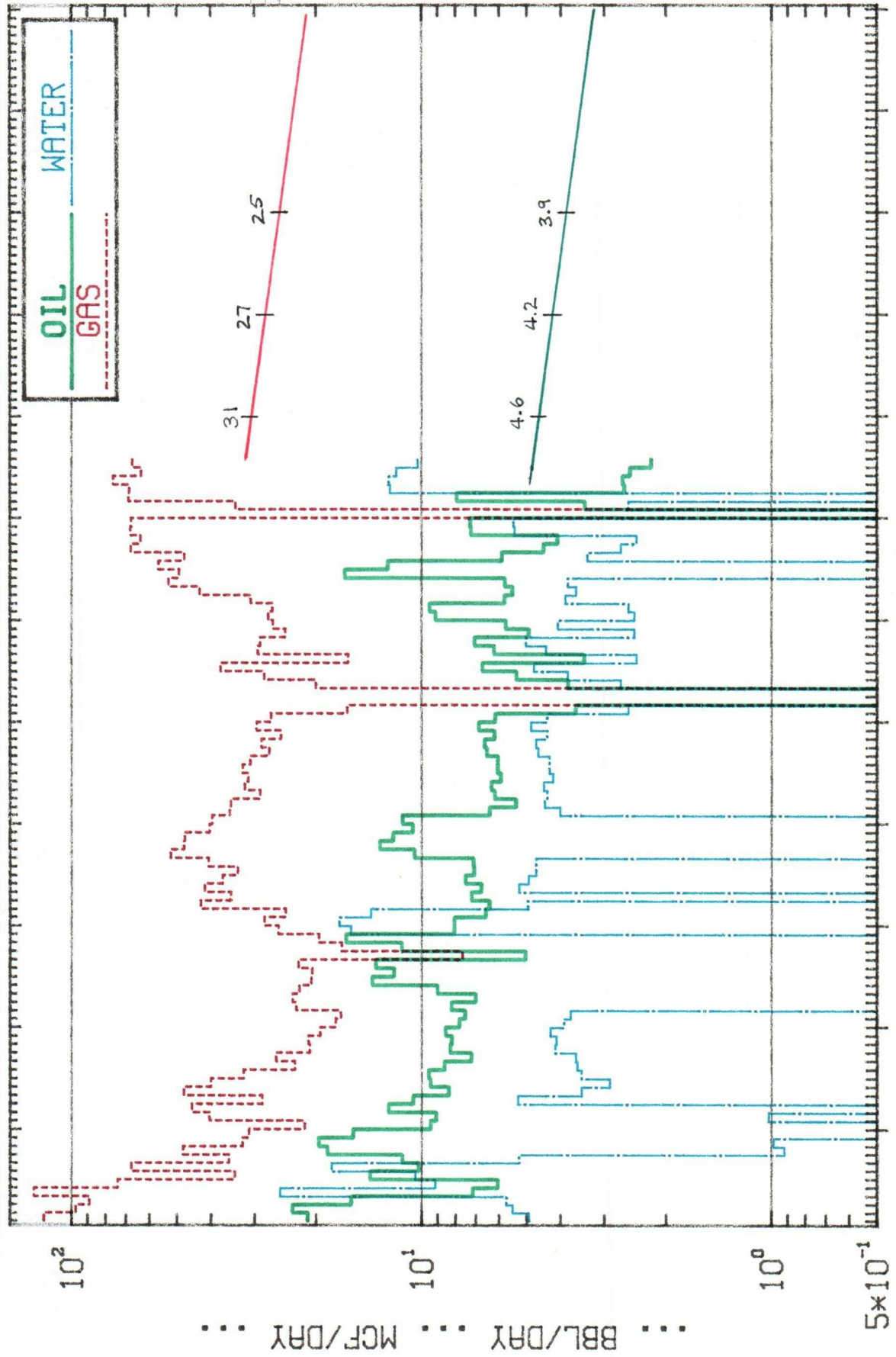
(Title)

9/26/86

(Date)

WARREN UNIT BLINEBRY NO. 53

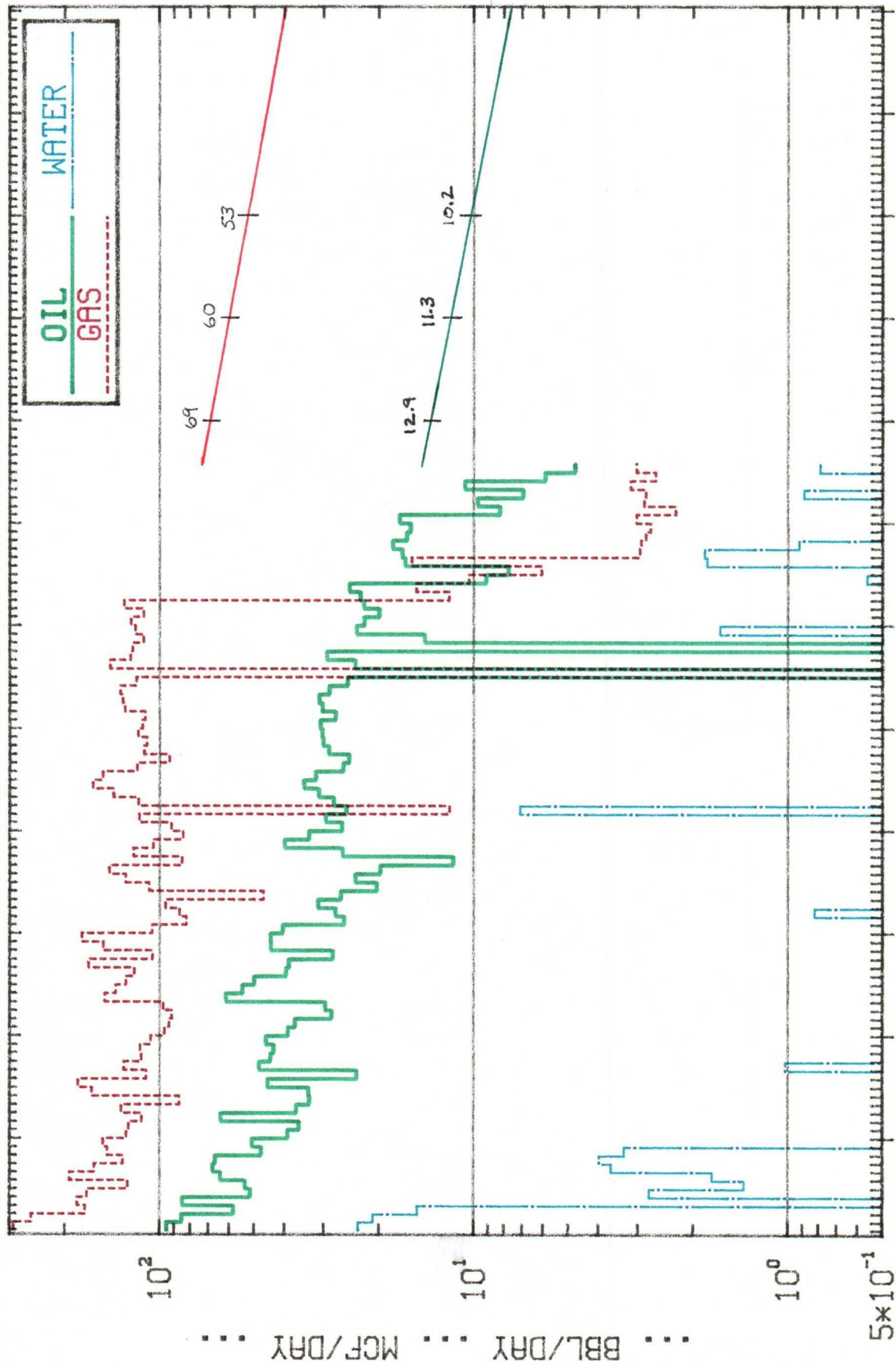
PEGS01 LIQUID & GAS PRODUCTION VS. TIME 09/03/86



... BBL/DAY ... MCF/DAY ...

WARREN TUBB UNIT NO. 53

PEGS01 LIQUID & GAS PRODUCTION VS. TIME 09/03/86



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR CONOCO INC.	8. FARM OR LEASE NAME Warren Unit
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240	9. WELL NO. 53
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit C	10. FIELD AND POOL, OR WILDCAT Blmebry Oil & Gas/Warren Tubb
14. PERMIT NO. 30-025-25916	11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 26-205-38E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 660' FNL & 1980' FWL	12. COUNTY OR PARISH Lea
	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) **Downhole commingle**

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

17. 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.)*

- ① An application to downhole commingle this well was filed w/ NMOC on 10-1-86.
- ② MIRU. POOH w/ rods & pump. POOH w/ both strings of tbg
- ③ Mill out pkr @ 6400' & POOH w/ pkr and mill. Clean out well to 6780'
- ④ Set RBP @ 6740' & pkr @ 6450'. Acidize Tubb perms w/ 45 bbls 75% HCL/25% xylene mix and flush w/ 48 bbls TFW. Swab. Reset RBP @ 6450' & pkr @ 5800'
- ⑤ Acidize Blmebry perms w/ 63 bbls 75% HCL/25% xylene mix and flush w/ 37 bbls TFW. Swab back load. POOH w/ RBP & pkr.
- ⑥ GIH w/ prod. equipment. Land tbg @ 6710' & rig down.
- ⑦ A well sketch is attached.

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

SIGNED [Signature] TITLE Administrative Supervisor DATE 10-2-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Donald W. Johnson
Division Manager
Production Department
Hobbs Division
North American Production

Conoco Inc.
P.O. Box 460
726 East Michigan
Hobbs, NM 88240
(505) 393-4141

October 1, 1986

Adobe Oil & Gas Corp.
1100 Western United Life Bldg.
Midland, TX 79701

Dear Offset Operator:

Enclosed for your information is a copy of Conoco's application to downhole commingle the Warren Tubb Oil with the Blinebry Oil & Gas Zone in the Warren Unit No. 53.

Yours very truly,

ELK: jr
Enclosure