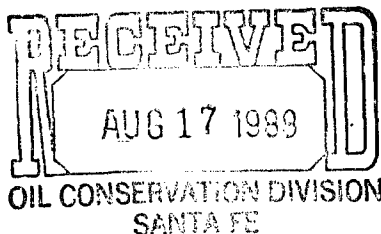




David L. Wacker  
Division Manager  
Production Department  
Hobbs Division  
North American Production

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



August 11, 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 Wantz No. 11, Unit L, Section 21, T21S,  
R37E, Lea County, New Mexico

Conoco Inc. respectfully requests approval to downhole commingle the Blinebry Oil & Gas and the Drinkard pools in the subject well. The Drinkard formation is currently shut-in and is not economically producible at this time.

Additional data relative to this commingling are 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 each horizon is attached.
4. Estimated shut-in bottomhole pressures are 1563 psi for the Blinebry and 865 psi for the Drinkard (estimated from static fluid levels). The Drinkard formation requires artificial lift to remove liquids, therefore this will be the method of production.
5. Ownership of interest in all formations is the same.
6. The quality of crude is identical and commingling will not reduce the commercial value. All production is Tier II sour oil. The value of the crude is as follows:

<u>Zone</u>	<u>Gravity</u>	<u>Value Per Barrel</u>
Blinebry	38.5	\$15.38
6595-6607 — Drinkard	38.5	\$15.38

Mr. William LeMay  
Page 2  
August 11, 1988

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	0%	84%
Drinkard	100%	16%

8. By copy of this letter, we are notifying the offset operators of this proposed commingling.

Yours very truly,



David L. Wacker  
Division Manager

COY:jd  
Enclosure

cc: NMOCD - Hobbs

Offset Operator  
Wantz No. 11

Alpha Twenty-One Prod. Company  
200 W. Illinois, Suite 200  
Midland, TX 79701

ARCO Oil & Gas Company  
P. O. Box 1710  
Hobbs, NM 88240

John H. Hendrix  
525 Midland Tower Bldg.  
223 W. Wall  
Midland, TX 79701

Hondo Drilling Company  
P. O. Drawer 2516  
Midland, TX 79701-2516

N. B. Hunt  
2400 Thanksgiving Tower  
1601 Elm Street  
Dallas, TX 75201

Marathon Oil Company  
P. O. Box 552  
Midland, TX 79702

Texaco USA  
P. O. Box 728  
Hobbs, NM 88240



**MARY E. WANTZ LEASE**  
**Lea County, New Mexico**

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

C-116  
Revised 1-1-65

Operator <b>CONOCO, INC.</b>		Pool <b>BLINEBRY OIL &amp; GAS</b>		County <b>LEA</b>	
Address <b>P. O. BOX 460, HOBBS, NEW MEXICO 88240</b>				TYPE OF TEST - (X) <input type="checkbox"/>	
LEASE NAME		WELL NO.		DATE OF TEST	
		LOCATION U S T R		STATUS	
				CHOKE SIZE	
				TBC. PRESS	
				DAILY ALLOW-ABLE	
				LENGTH OF TEST HOURS	
				WATER BBL.S.	
				GRAV. OIL	
				OIL BBL.S.	
				GAS M.C.F.	
				GAS-OIL RATIO CU.FT./BBL.	

WANTZ	WARREN U.-BLINEBRY	WARREN U.-BLINEBRY	WARREN U.-BLINEBRY	WARREN U.-BLINEBRY	WARREN U.-BLINEBRY	DATE OF TEST	STATUS	CHOKE SIZE	TBC. PRESS	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS-OIL RATIO CU.FT./BBL.	
												WATER BBL.S.	GRAV. OIL	OIL BBL.S.		
11	L	21	215	37E	09-18-87	F	OPEN	85			24	0	38.4	0	114	0
8	J	28	205	38E	08-21-87	F	OPEN	30			24	2	40.7	5	284	56800
12	N	34	205	38E	08-07-87	P					24	1	40.7	22	22	1000
15	P	33	205	38E	08-07-87	P					24	1	40.7	15	53	3533
18	L	34	205	38E	08-08-87	P					24	2	40.7	22	50	2273
19	H	33	205	38E	08-09-87	P					24	0	40.7	8	36	4500

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 the 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.

  
**D. F. FINNEY**  
 (Signature)  
**ADMINISTRATIVE SUPERVISOR**  
 (Title)  
**07-OCT-87**  
 (Date)

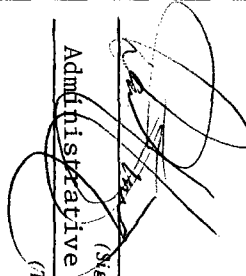
# NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

C-116  
Revised 1-1-65

Operator <b>Conoco Inc.</b>		Pool <b>Drinkard</b>		County <b>Ira</b>											
Address <b>P. O. Box 460, Hobbs, NM 88240</b>				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	Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>				
		U	S	T	R						PROD. DURING TEST	GAS - OIL RATIO			
											WATER BBLs.	GRAV. OIL BBLs.	OIL BBLs.	GAS M.C.F.	GAS - OIL RATIO CU.FT./BBL.
<b>Wantz</b>	<b>11</b>	<b>L</b>	<b>21</b>	<b>21S</b>	<b>37E</b>	<b>2/5/86</b>	<b>P</b>			<b>24</b>	<b>14</b>	<b>38.5</b>	<b>20</b>	<b>21</b>	<b>1050</b>

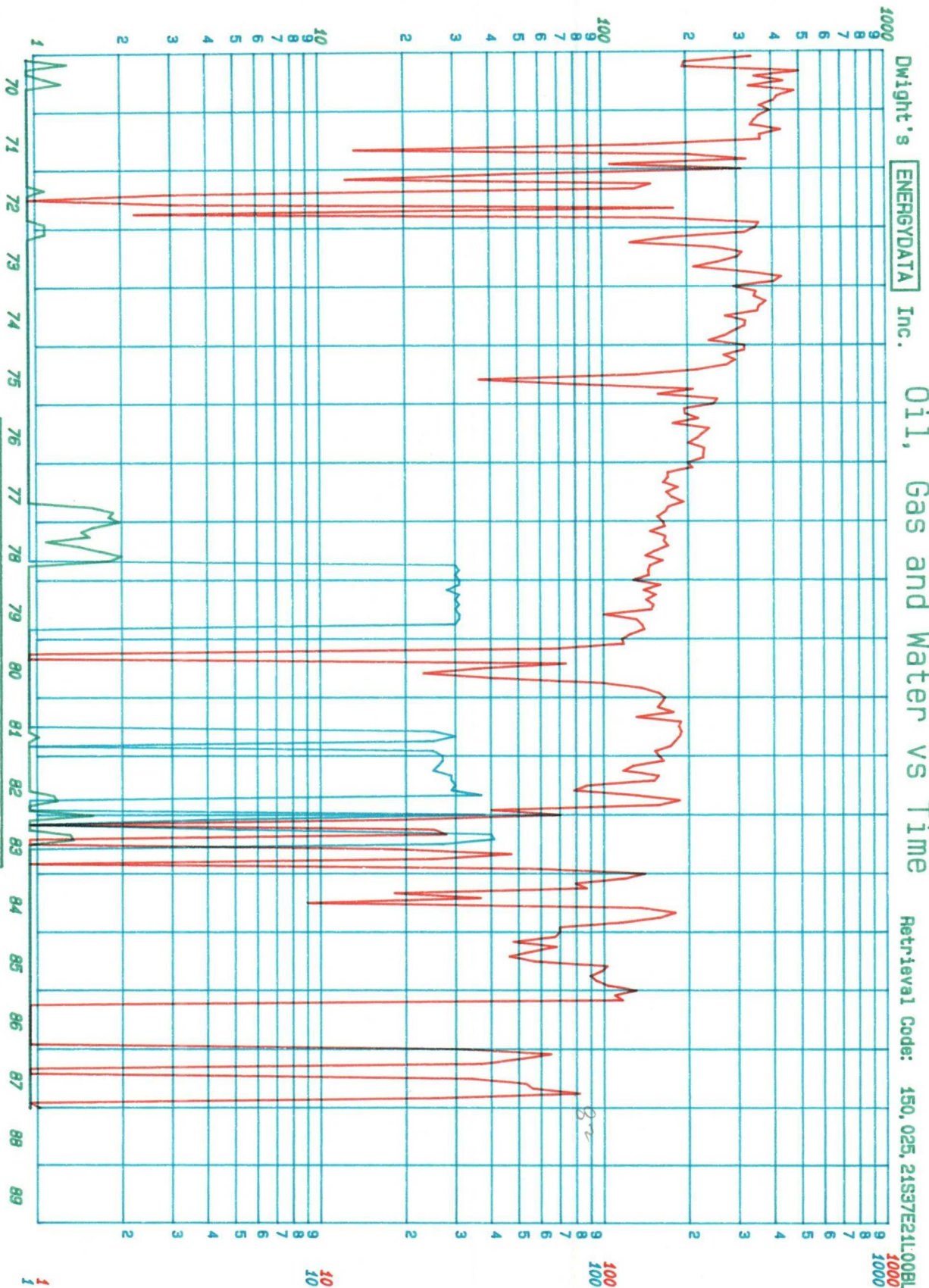
No well will be assigned an allowable greater than the amount of oil produced on the official test.  
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage 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.

  
D. F. Finney  
Administrative Supervisor  
(Title)

(Date)

# DAILY OIL PRODUCTION (BBL/DAY)



## LEGEND

OIL —  
GAS —  
WATER —

Lease: N E MANTZ  
Well # 000011  
Operator: CONOCO INC  
Field: BLINBRY OIL AND GAS  
Reservoir:  
County: LEA NM  
Location: 21 21S 37E

BL

Date: 05-06-88

WATER (BBL/MO)

DAILY GAS PRODUCTION

(MCF/DAY)

Dwight's ENERGYDATA Inc. Oil, Gas and Water vs Time

Retrieval Code: 150, 025, 21S37E21L00BL

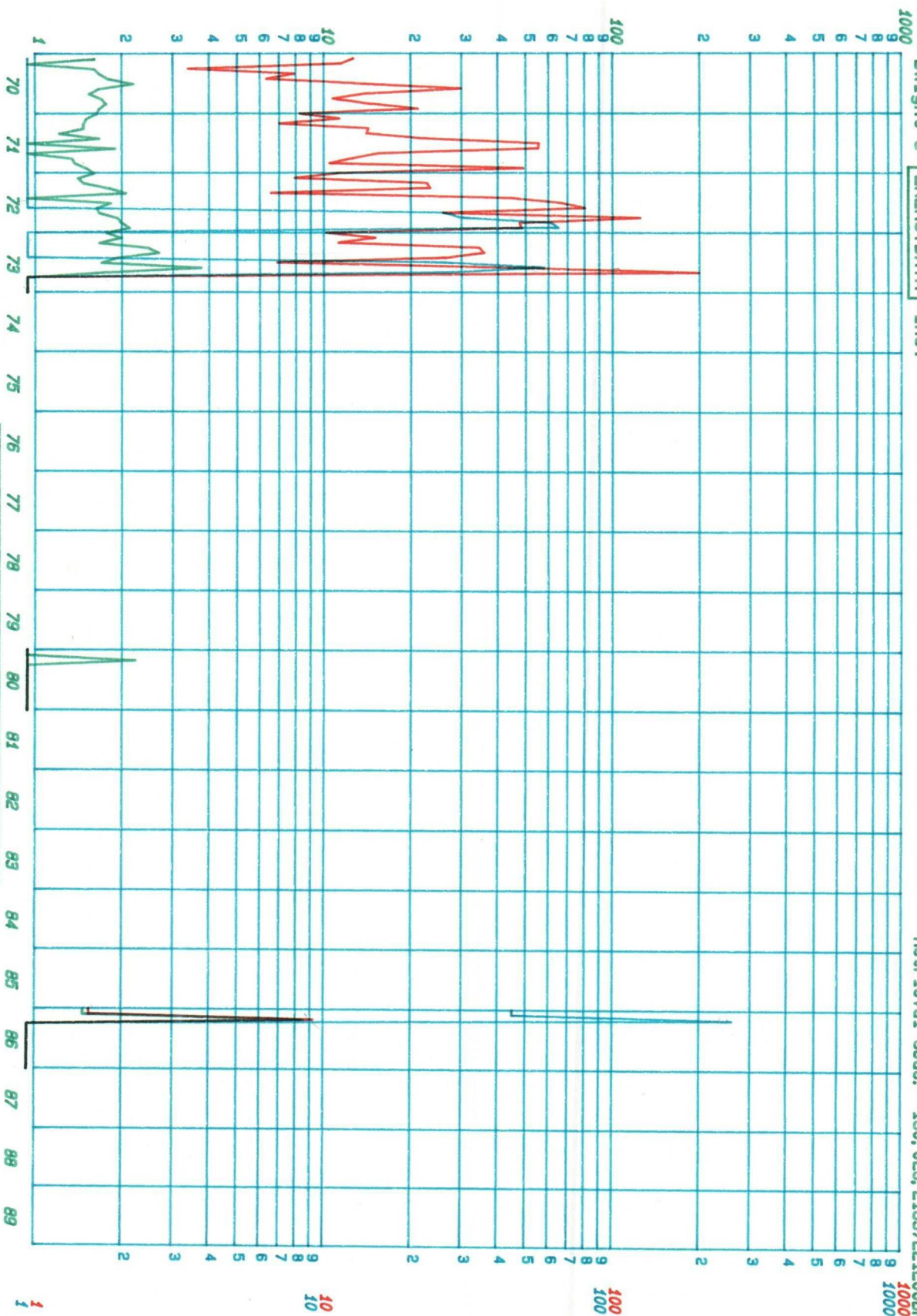


# DAILY OIL PRODUCTION (BBL/DAY)

Dwight's ENERGYDATA Inc.

Oil, Gas and Water vs Time

Retrieval Code: 150,025,21537E21,00DR



## LEGEND

OIL ———  
GAS ———  
WATER ———

Lease: N E MANTZ

Well # 000011

Operator: CONOCO INC

Field: DRINKARD

Reservoir:

County:

Location: 21 21S 37E

NW

DR

WATER (BBL/MO)

DAILY GAS PRODUCTION

(MCF/DAY)

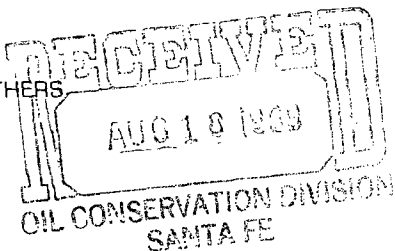
Date: 05-06-88





STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR



8-17-88

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:

Conoco Inc.      Wants #11-L 21-21-37  
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