



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

GARREY CARRUTHERS
GOVERNOR

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

3 HC 702

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

RE: Proposed:

MC _____
DHC X _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Conoco Inc. Lockhart B-13A #10-B 24-21-37
Operator Lease & Well No. Unit S-T-R

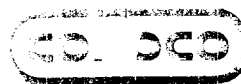
and my recommendations are as follows:

OK JS

Yours very truly,

[Signature]
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

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 Lockhart B-13A No. 10, Unit B, Section
24, T21S, R37E, Lea County, New Mexico

Conoco Inc. respectfully requests approval to downhole commingle the
Blinebry Oil & Gas, Drinkard, and the Wantz Abo pools in the subject
well. This well is presently shut-in and is not economically producible
without this downhole commingling.

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 1325 psia for the Blinebry, 674 psia for the Drinkard, and 1166 psia for the Wantz Abo (estimated from static fluid levels). All zones require artificial lift to remove liquids.
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, since similar production on this lease is already being surface commingled. The Blinebry production is Tier 2 and the Drinkard and Wantz Abo production is Tier 3. All production is sweet oil. The value of the crude is as follows:

<u>Zone</u>	<u>Gravity</u>	<u>Value Per Barrel</u>
Blinebry	39.4	\$16.47
Drinkard	39.4	\$16.47
Wantz Abo	39.4	\$16.47

Mr. William LeMay

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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	25%	24%	0%
Drinkard	8%	19%	86%
Wantz Abo	67%	57%	14%

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
NMOCD - Hobbs

RECEIVED

AUG 16 1988

OCD
HOBBS OFFICE

Lockhart B-13A No. 10
Offset Operators

Chevron USA
P. O. Box 670
Hobbs, NM 88240

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

Form 1-1967
Revised 1-1967

Operator Conoco Inc.		Pool Blinebry Oil & Gas		County Lea	
Address P. O. Box 460, Hobbs, NM 88240				TYPE OF TEST - (X) ☒ TEST - (X)	
LEASE NAME Lockhart B-13A		WELL NO. 10	LOCATION U B S 24 T 21S R 37E	DATE OF TEST 7/31/86	STATUS P
				CHOKE SIZE P	TBG. PRESS.
				DAILY ALLOWABLE	LENGTH OF TEST 24
					PROD. DURING TEST WATER GR. G. OIL GR. G. M.C.F.
					0 39.4 3 5
					GAS - OIL RATIO CU. FT. BBL
					1667

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
(Signature)
Administrative Supervisor
(Title)

[illegible]

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D. F. Finney
(Signature)

Administrative Supervisor

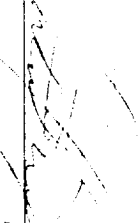
(11) *etc.*

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

Operator Conoco Inc.		Pool Wantz Abo		County Lea												
Address P. O. Box 460, Hobbs, NM 88240		TYPE OF TEST - (X)		SCHEDULED ☐												
LEASE NAME Lockhart B-13A	WELL NO. 10	LOCATION				DATE OF TEST 6/25/84	STATUS P	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST 24	PROD. DURING TEST			GAS-OIL RATIO 1500	
		U	S	T	R							WATER PROD.	GRAVITY	TEMP.		
	B	24	21S	37E								3	39.4	8	12	

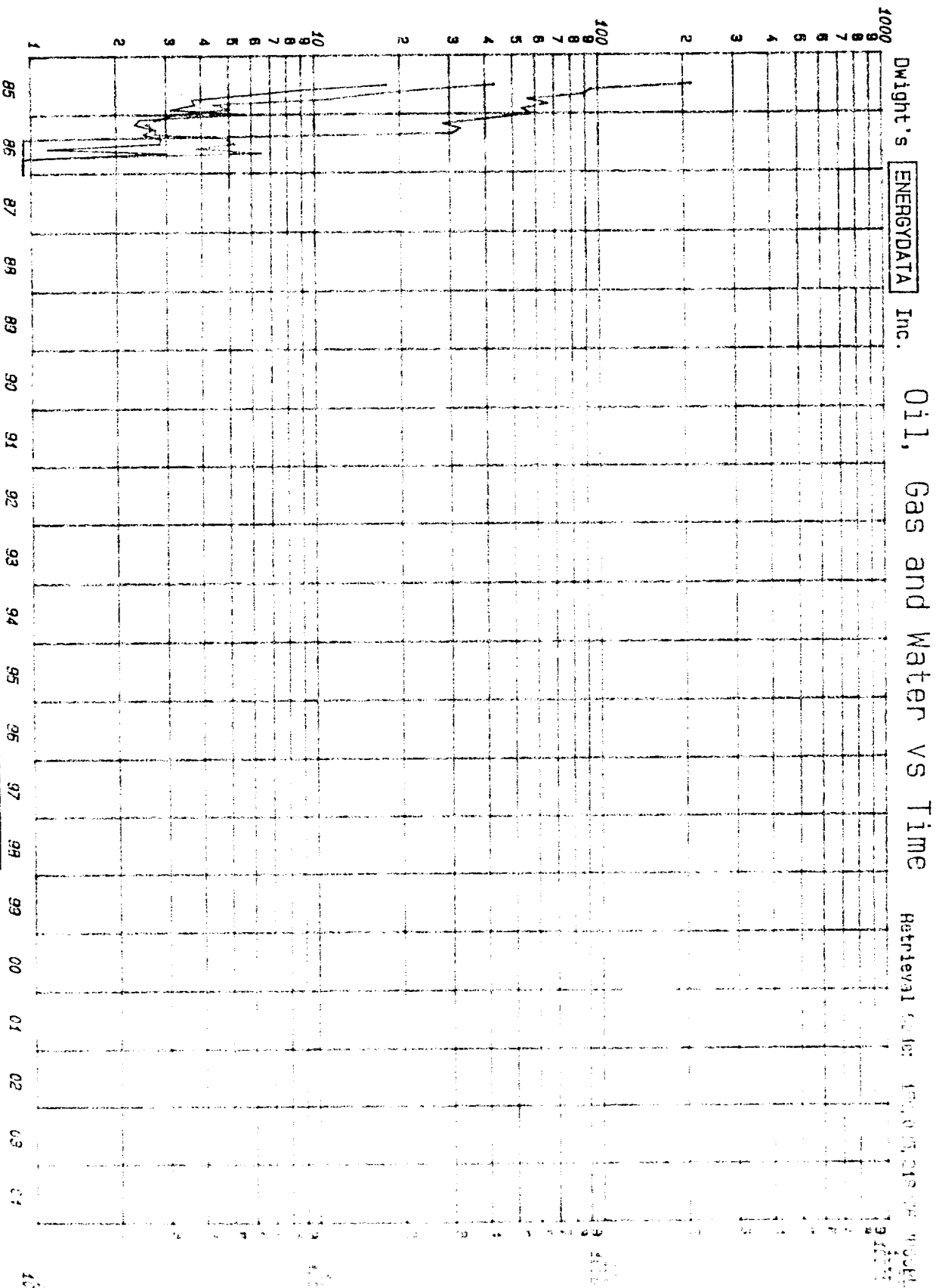
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 D. F. Finney
 Administrative Supervisor
 Title

DAILY OIL PRODUCTION (BBL/DAY)

LEGEND	
OIL	—
GAS	---
WATER	----



Lease:	LOCKHART B 12 A
Well #	000010
Operator:	CONOCO INC
Field:	BLINBERRY OIL AND GAS
Reservoir:	
County:	LEA
Location:	24 215 37E NM

PL

Date: 07-08-99

NA (R)

DPL (R)

(BBL/DAY)

011

IGAS

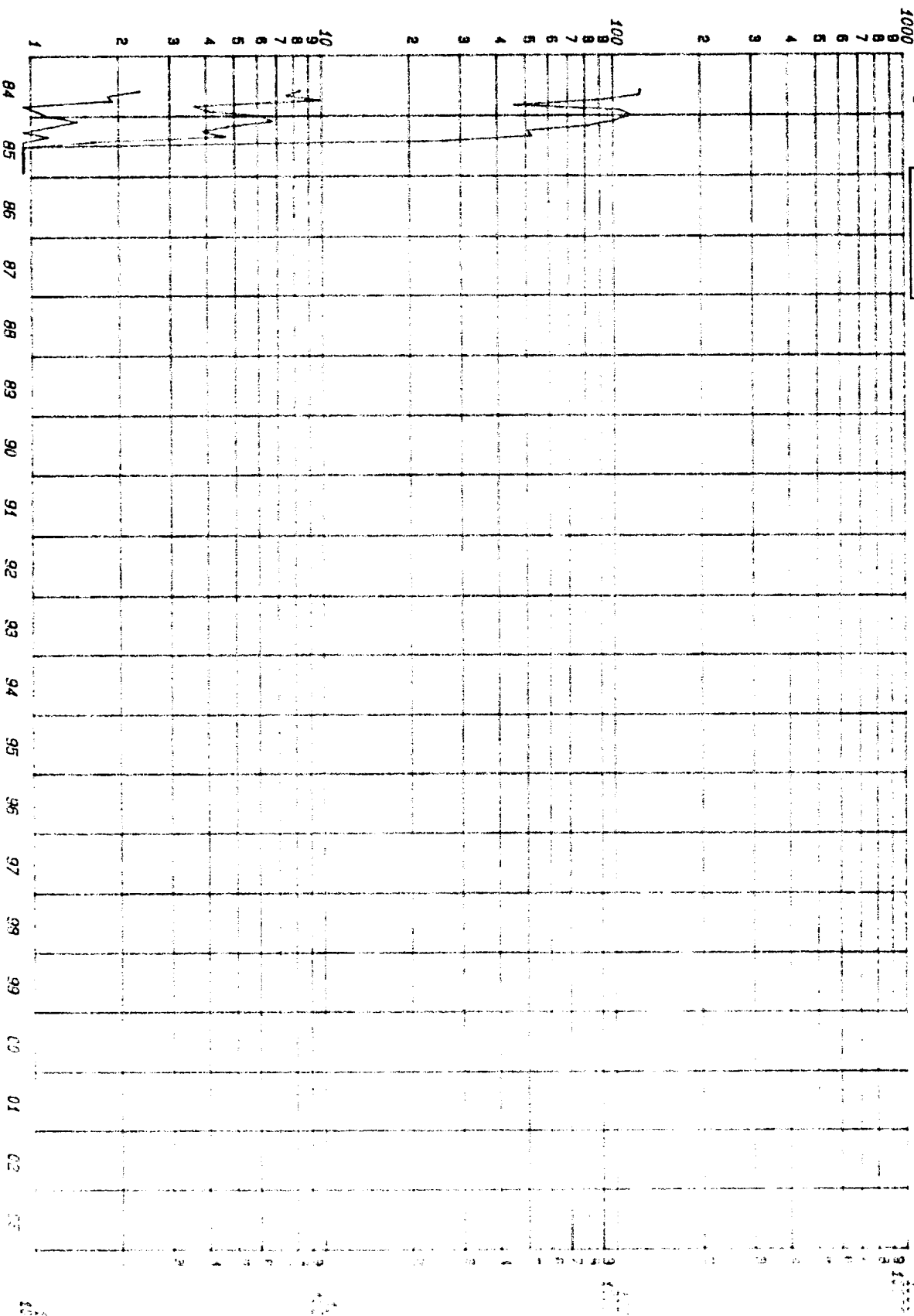
WATER

ENERGYDATA

Inc.

Oil, Gas and Water vs Time

Retrieval Code: 170, 000, 015077, 10004



Leads:

LOCKHART B 13 A

Well # 0000010

Operator: CONOCO INC

Field: DRINKARD

Reservat:

County:

LEA

Location: 24 215 37E

WJH

42

075: 6-20-24

NA TSH

FBL/10)

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

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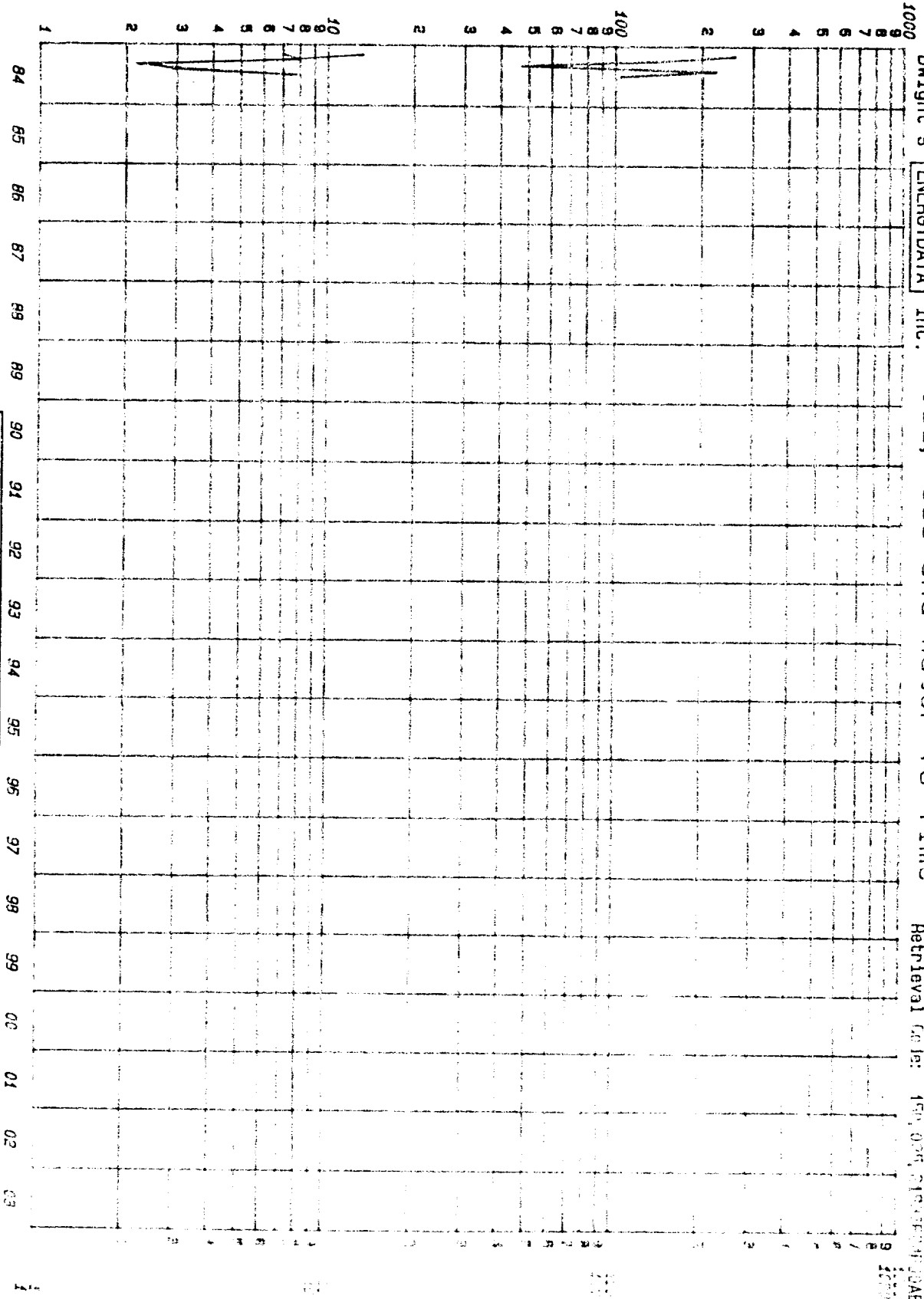
AUG 16 1988

OCD
HOBBS OFFICE

DAILY OIL PRODUCTION (BBL/DAY)

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

Retrieval Code: 150, 000, 01000000000000000000



LEGEND

OIL _____
GAS _____
WATER _____

Lease: LOCKHART B 13 A

Well # 000010

Operator: CONOCO INC

Field: KANTZ AEO

Reservoir:

County:

Location: 24 21S 37E

LEA

NH

AB

WATER

(BBL/DAY)

DATE: 07-03-02

TIME: 10:00 AM