



NMOCD-Hobbs

R. E. Irelan
Division Manager
Production Department
Hobbs Division
North American Production

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

November 16, 1987

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

Dear Mr. LeMay:

Application to Downhole Commingle Lockhart A-35 No. 1, Unit D, Section
35, T-21S, R-37E, Lea County, New Mexico

Conoco Inc. respectfully requests approval to downhole commingle the
Blinebry Oil and Gas pool with the Drinkard pool in the Lockhart A-35
No. 1.

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. Decline curves for each horizon are attached.
4. Estimated shut-in bottomhole pressures are 268 psia for the Drinkard and 1200 psia for the Blinebry (estimated from static fluid level). 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 sweet Tier II oil. The value of the crude is as follows:

<u>Zone</u>	<u>Gravity</u>	<u>Value Per Barrel</u>
Blinebry Oil & Gas	36.9	\$18.92
Drinkard	36.9	\$18.92

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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>
Blinebry Oil & Gas	0%	90%
Drinkard	100%	10%

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

Yours very truly,


R. E. Ireland
Division Manager

COY:ajh

Enclosure

cc: BLM - Carlsbad
Bravo Energy - Hobbs
Exxon - Houston
ARCO - Midland

[illegible]

C-116
Revised 1-1-65

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
D. F. FINNEY
(Signature)

~~ADMINISTRATIVE SUPERVISOR~~

(Title)
07-OCT-87

(Date)

Operator		Pool		County											
CONOCO, INC.		DRINKARD		LEA											
Address P. O. BOX 460, HOBBS, NEW MEXICO 88240				Completion ☐											
LEASE NAME				Special ☐											
WELL NO.	LOCATION				DATE OF TEST	STATUS	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 BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.	
LOCKHART A-27	8	D	27	215	37E	SHUT-IN				0	0	0.0	0	0	0
LOCKHART A-27	9	E	27	215	37E	02-08-87	P			24	0	32.9	6	131	21833
LOCKHART A-27	10	G	27	215	37E	02-13-87	P			24	0	32.9	5	150	30000
LOCKHART A-27	11	H	27	215	37E	02-17-87	F	OPEN	50	24	0	39.8	1	7	7000
LOCKHART A-35	1	D	35	215	37E	02-15-87	F	OPEN	30	24	0	36.9	1	5	5000
LOCKHART A-35	3	C	35	215	37E	SHUT-IN				0	0	0.0	0	0	0

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 30.1 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~~

(Signature)

FINNEY

~~OS-MAY-87~~

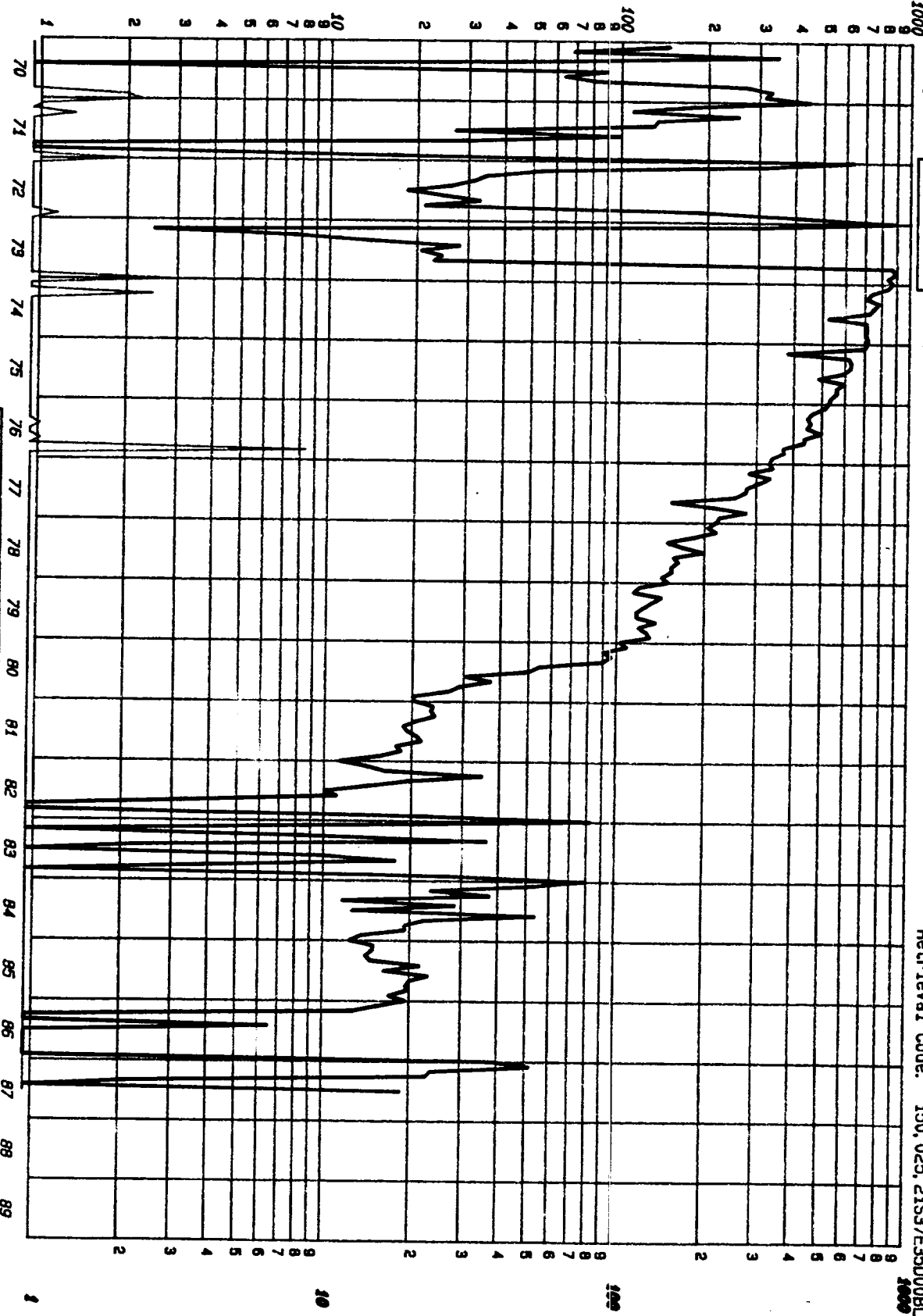
(Date)

DAILY OIL PRODUCTION (BBL/DAY)

LEGEND	
OIL	—
GAS	—

Dwight's ENERGYDATA Inc. Oil and Gas Rate vs Time

Retrieval Code: 150, 025, 21537E35D00BL



DAILY GAS PRODUCTION (MCF/DAY)

Lease:	LOCKHART A 35
Well #	000001
Operator:	CONOCO INC
Field:	BLINEBRY OIL AND GAS
Reservoir:	
County:	LEA
Location:	35 215 37E NM

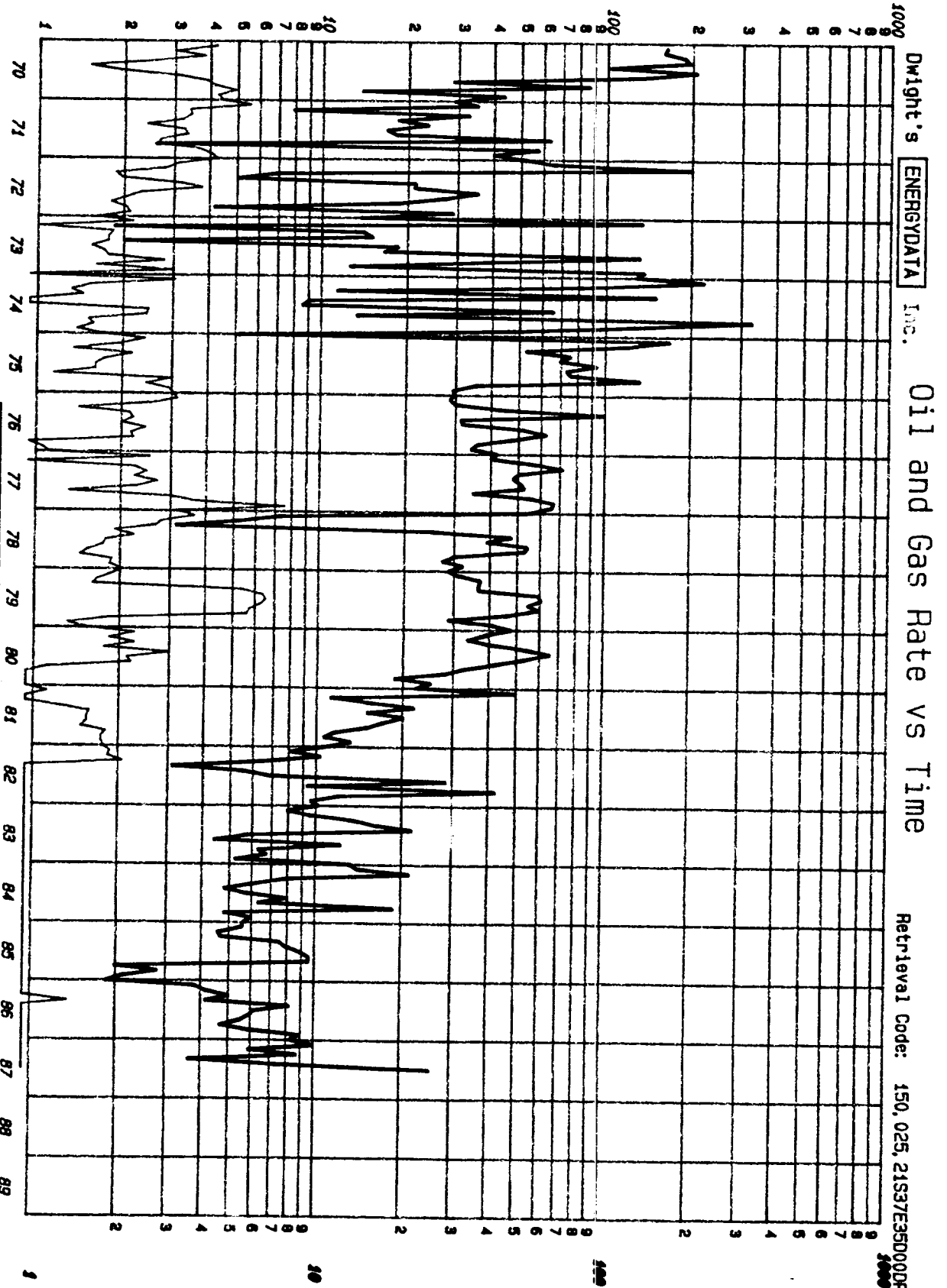
BL

Date: 10-20-87

DAILY OIL PRODUCTION

(BBL/DAY)

LEGEND	
OIL	—
GAS	—



Dwight's ENERGYDATA Inc. Oil and Gas Rate vs Time Retrieval Code: 150, 025, 21S37E35D000R

Lease:	LOCKHART A 35
Well #	000001
Operator:	CONOCO INC
Field:	DRINKARD
Reservoir:	
County:	LEA
Location:	35 21S 37E NW

OR

Date: 10-20-87