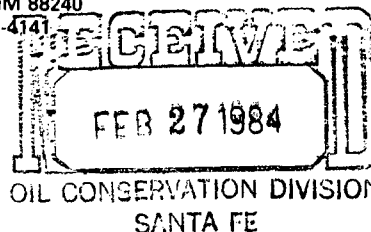




Mark K. Mosley
Division Manager
Production Department
Hobbs Division
North American Production

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



February 22, 1984

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

Downhole Commingling, State 10 No. 2, Unit E, Section 10-21S-37E, Lea
County, New Mexico

Conoco respectfully requests an exception to Division Rule 303-A to allow downhole commingling of the Drinkard and Blinebry Oil and Gas pools in the subject well. Additional data relative to this commingling is listed below.

1. A lease plat is attached.
2. C-116's are included providing recent tests for the two zones.
3. Decline curves for both zones are attached. It should be noted that liquid production from the Drinkard now occurs only after swabbing, because reservoir pressure is too low to produce liquids.
4. Shut-in bottom-hole pressures are 326 psi for the Blinebry and 599 psi for the Drinkard.
5. The fluids from the these two zones will not be incompatible as they are presently surface commingled at the State 10 battery under Division Order PC-150.
6. Based upon the ratio of production from each zone, the following allocation percentages are suggested:

	<u>Oil</u>	<u>Gas</u>
Blinebry	75%	80%
Drinkard	25%	20%

7. By copy of this letter we are notifying the Commissioner of Public Lands and all offset operators of the proposed commingling (see attached address list).

Yours very truly,

DDP:cyp
cc: NMOCD-Hobbs
New Mexico Commissioner of Public Lands

Conoco Inc.
State 10
Offset Operator List

Exxon Company, USA
P. O. Box 1600
Midland, TX 79701

Amoco Production Co.
P. O. Box 68
Hobbs, NM 88240

Shell Oil Company
600 N. Marienfield
Suite 310
Midland, TX 79701

Southland Royalty Company
1000 Ft. Worth Club Bldg.
Ft. Worth, TX 76102

Getty Oil Company
Two Midland National Center
Midland, TX 79702

C-116
Revised 1-1-65

(Date)

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

C-116
Revised 1-1-65

Operator Conoco Inc.		Pool Drinkard		County Lea											
Address P. O. Box 460		TYPE OF TEST - (X)		Completion ☐ Special ☒											
LEASE NAME		WELL NO.	LOCATION U S T R	DATE OF TEST	STATUS										
State 10 Special test for downhole commingling application.	2	E	10 21 37	11-20-83	F Open										
						CHOKESIZE	TBGPRESS.	DAILYALLOW-ABLE	LENGTHOF TEST HOURS	PROD. DURING TEST WATER BBLs. GRAV. OIL BBLs. GAS M.C.F.	GAS - OIL RATIO CU.FT./BBL				

No well will be assigned an allowable greater than the amount of oil produced on the official test.

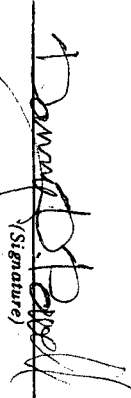
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized 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.



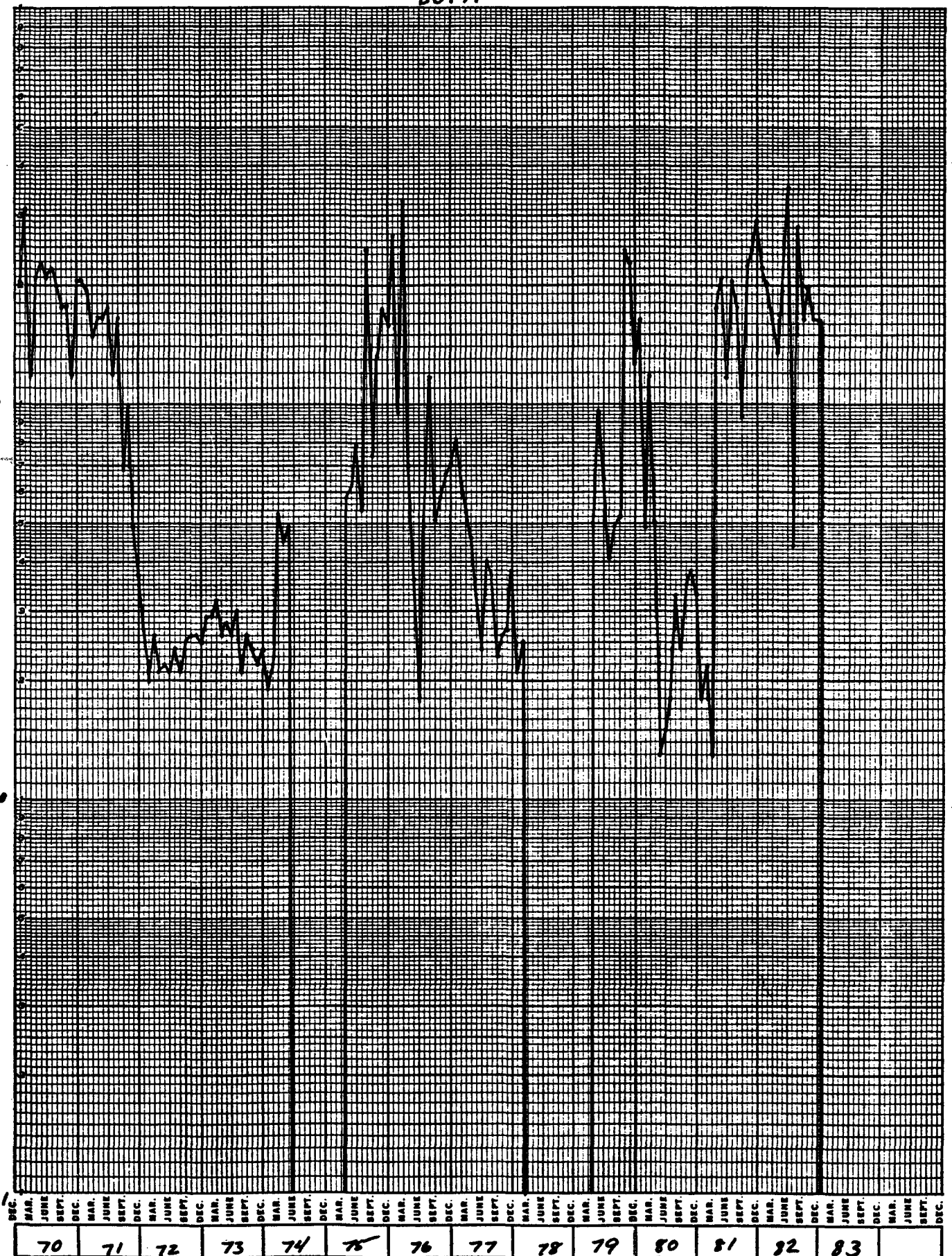
 (Signature)
 Administrative Supervisor
 (Title)
 2-23-84
 (Date)

1000

DIRECT FROM CODEX BOOK CO., NORWOOD, MASS. 02062
PRINTED IN U.S.A.

CODEx.
Graph Paper

NO. SP:2644



STATE 10 No. 2

DRINKARD

MCF6PM

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PRINTED IN U.S.A.

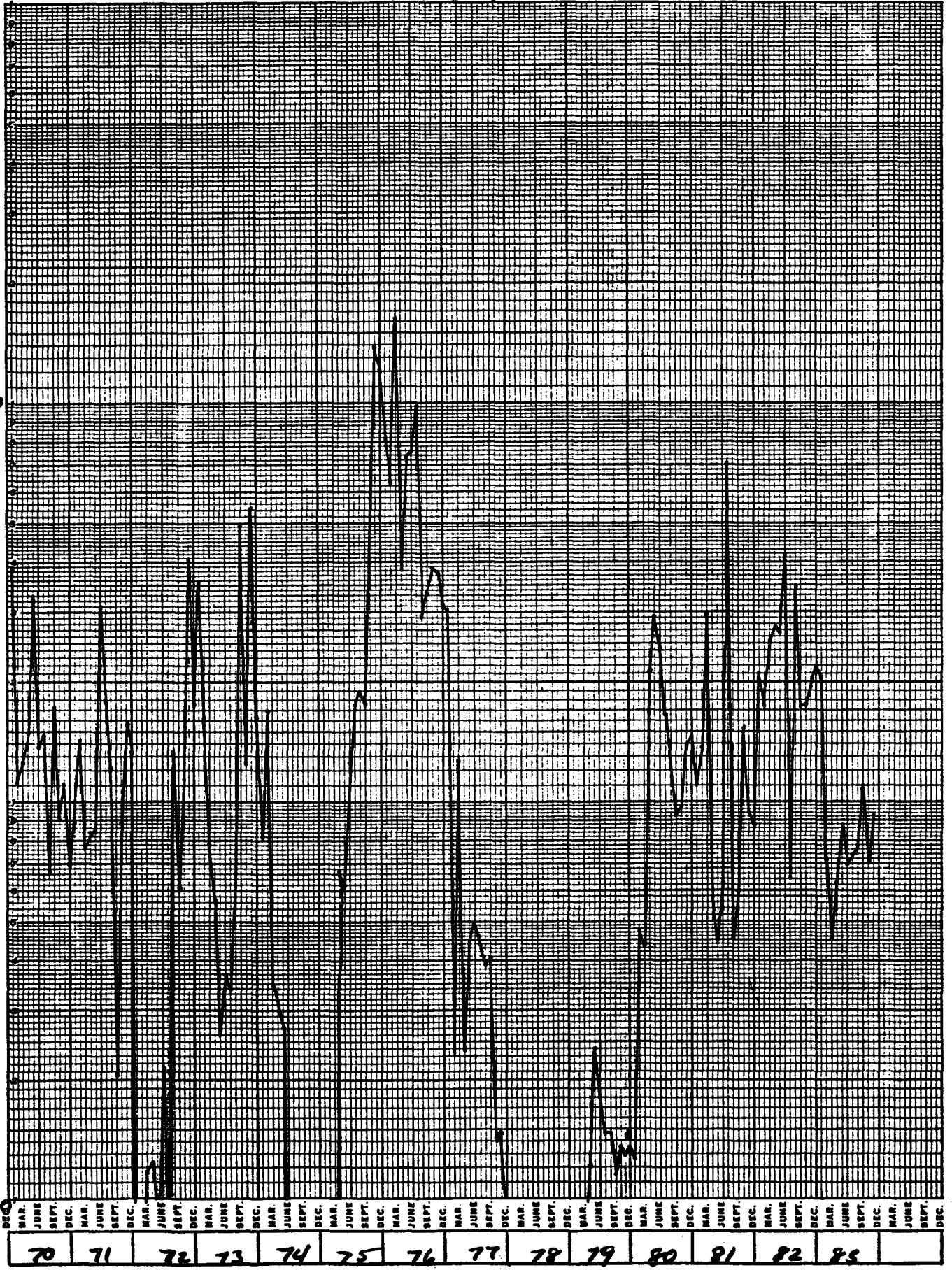
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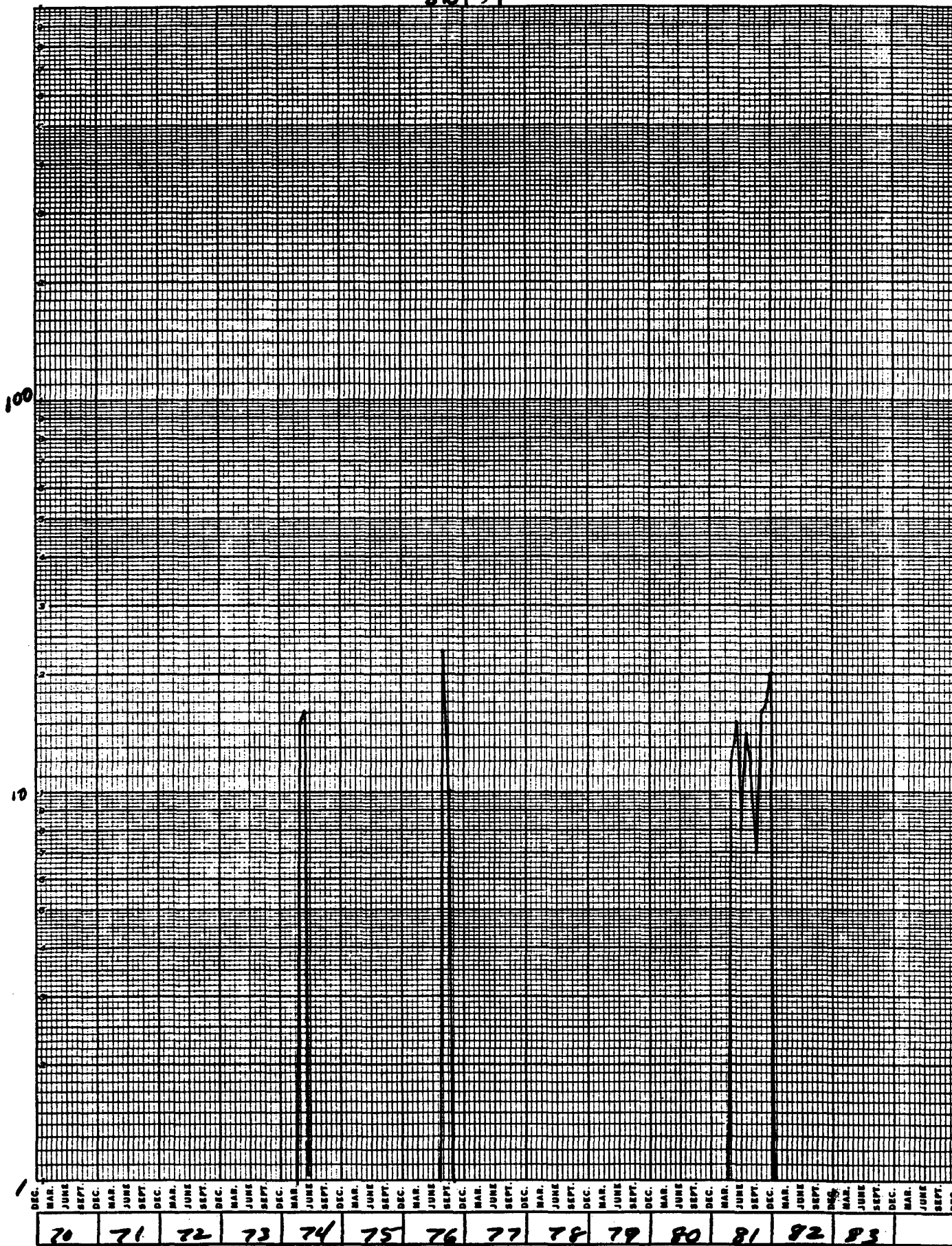
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STATE IN NO. 2

DRINKARD

BWPM



BLINEBY

BOPM

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PRINTED IN U. S. A.

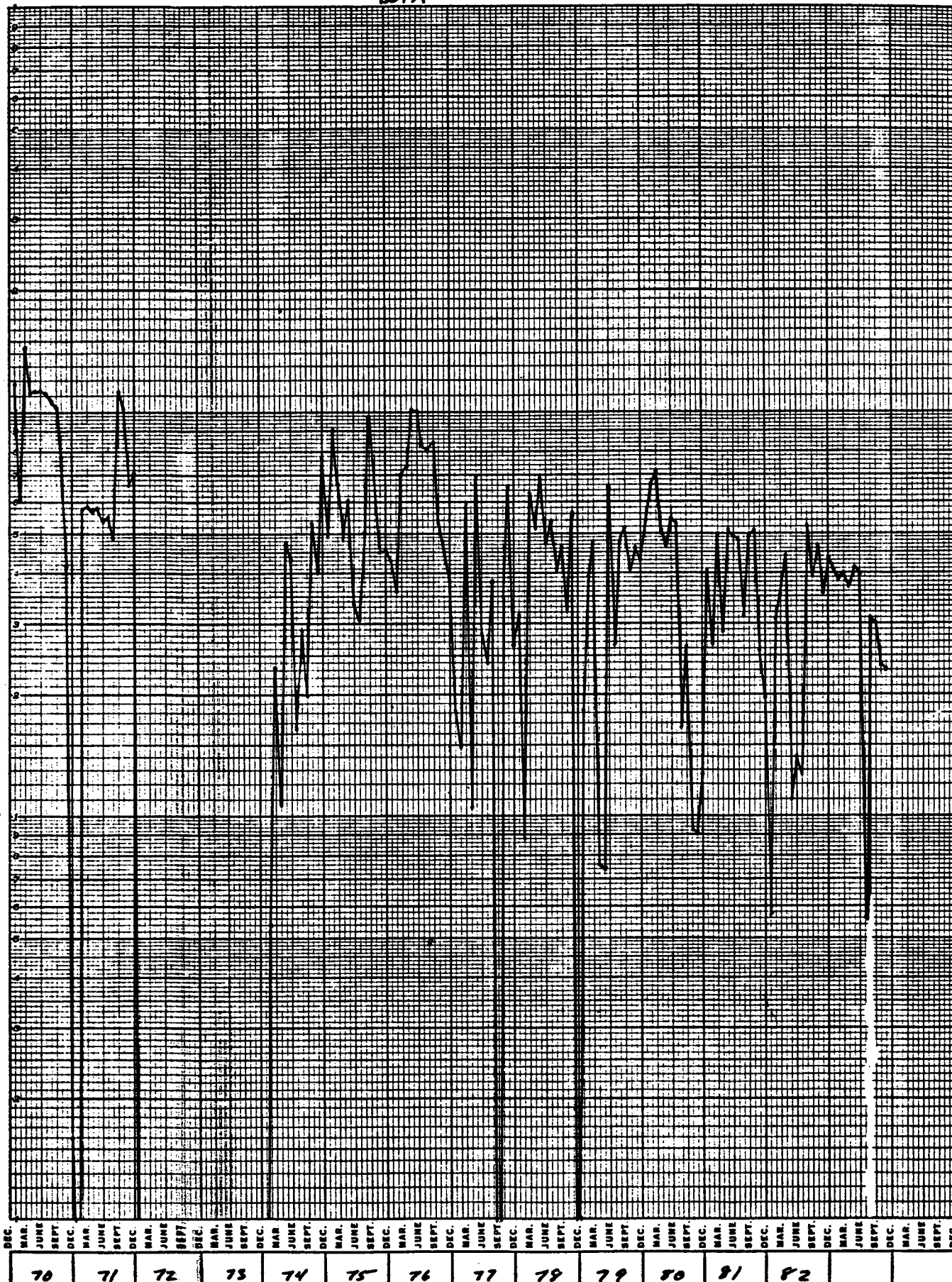
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NO. 8P-2644

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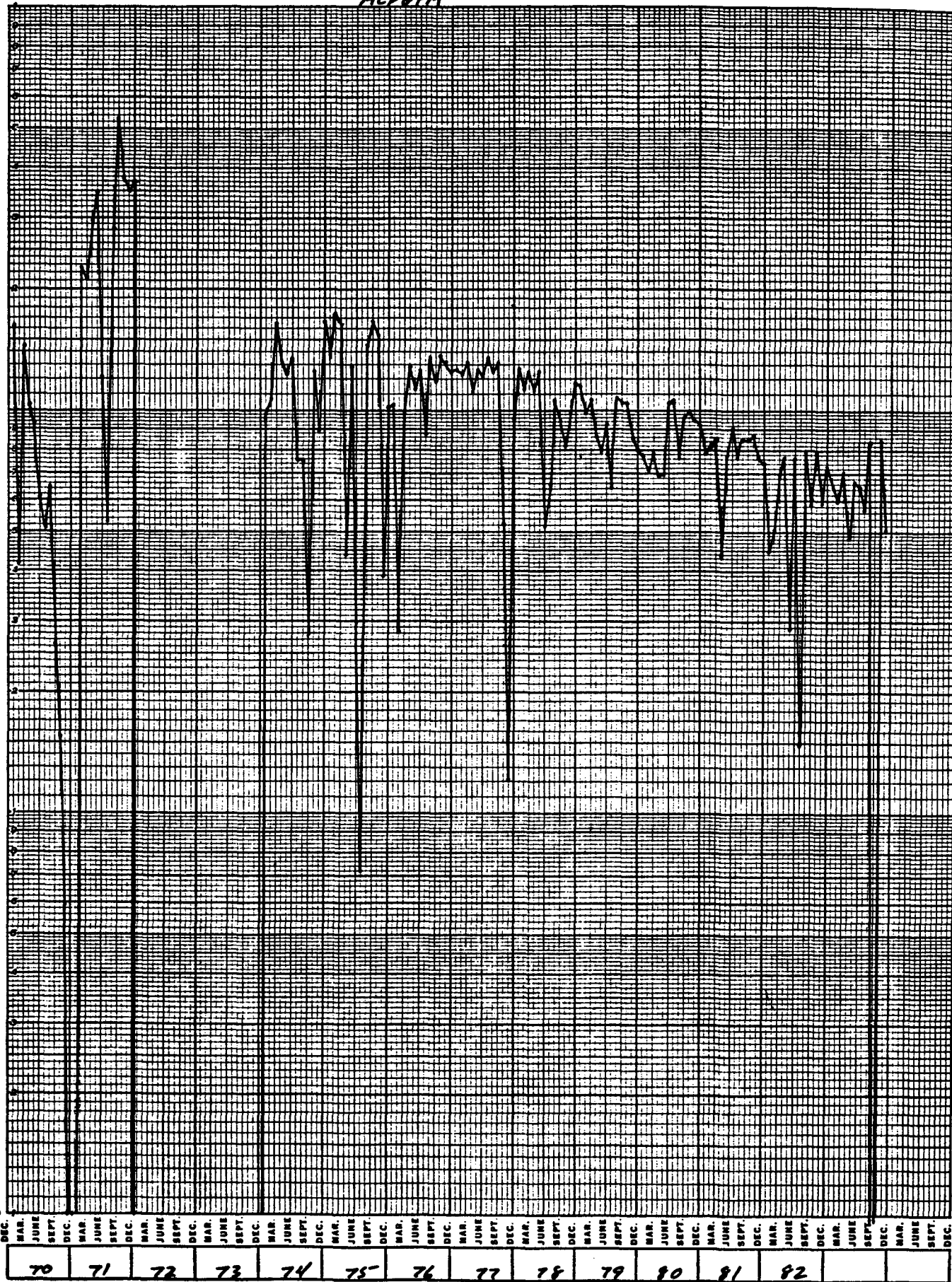
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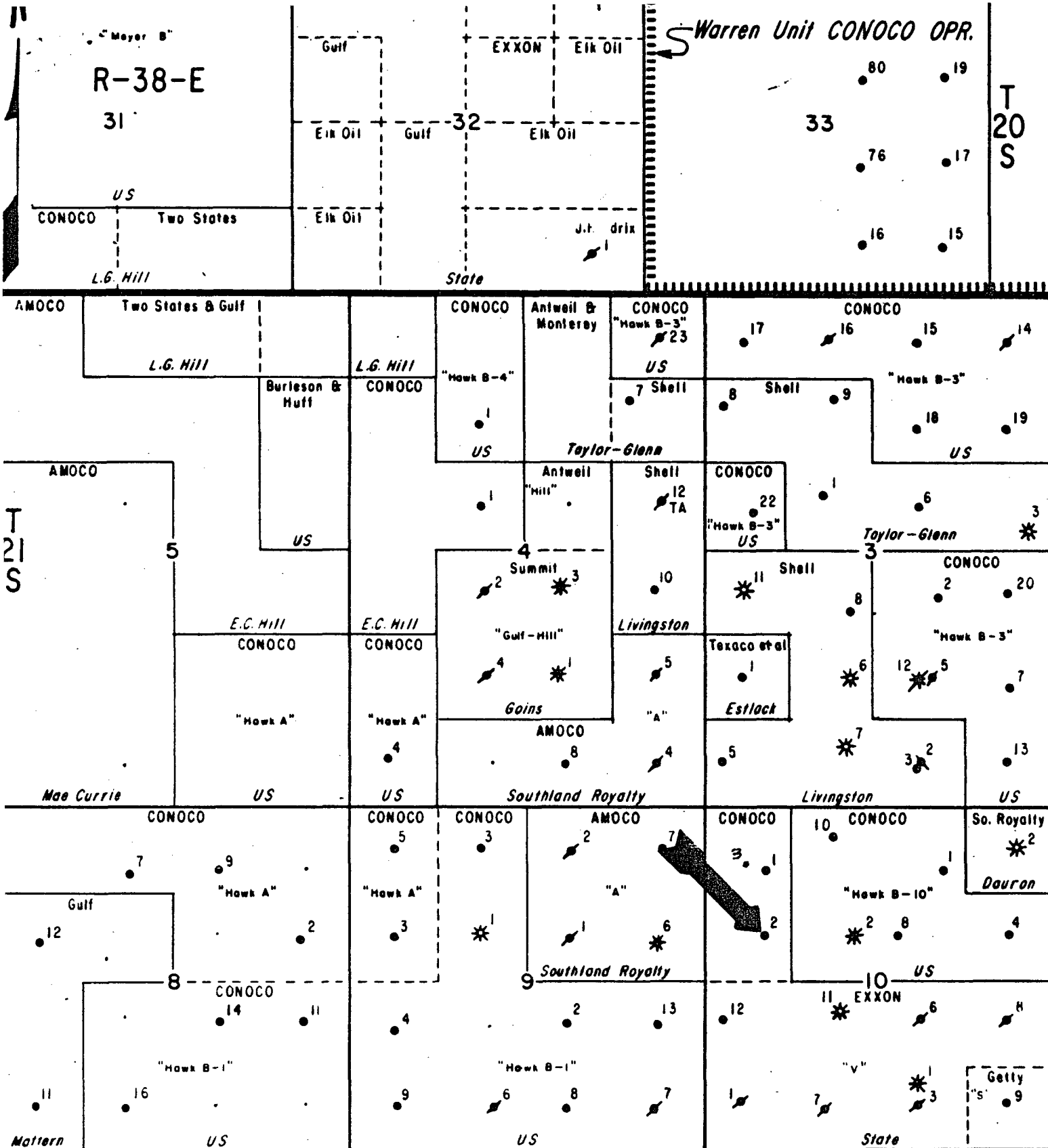
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MCF6PM

NO. 8P-2844





R-37-E

PRODUCTION DEPARTMENT	conoco	HOBBS DIVISION



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

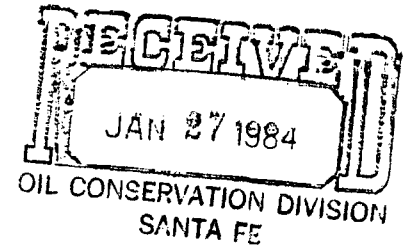
FILE DHC-461

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE Jan 24, 1984

RE: Proposed MC _____
Proposed DHC ✓ _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated January 23, 1984
for the Southland Royalty Reel #19 B-18-28N 9W
Operator Lease and Well No. Unit, S-T-R

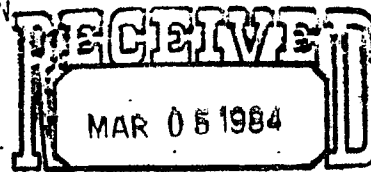
and my recommendations are as follows:

Approve

Yours truly,

Frank W. Day

OIL CONSERVATION DIVISION
DISTRICT 1



OIL CONSERVATION DIVISION
SANTA FE

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

DATE March 1, 1984

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

Gentlemen:

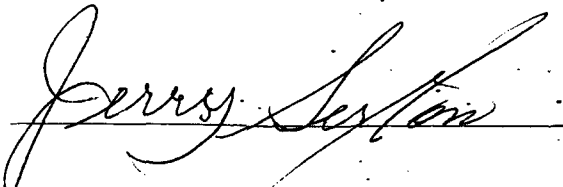
I have examined the application for the:

Conoco Inc.	State 10	No. 2-E	10-21-37
Operator	Lease and Well No.	Unit, S - T - R	

and my recommendations are as follows:

O.K.----J.S.

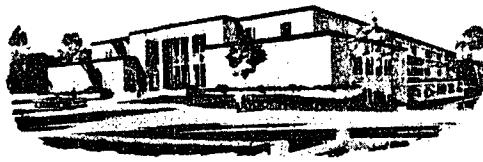
Yours very truly,


/mc

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

February 27, 1984

Conoco Inc.
P. O. Box 460
726 E. Michigan
Hobbs, New Mexico 88240

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
910 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: Application for permission to
Downhole Commingle Drinkard and
Blinebry pools in State 10 Well No. 2
Lea County, New Mexico

ATTENTION: Mr. Mark K. Mosley

Gentlemen:

Reference is made to your letter dated February 22, 1984, wherein you have requested approval to allow downhole commingling of the Drinkard and Blinebry Oil and Gas Pools in the State 10 Well No.2, Located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10, Township 21 South, Range 37 East.

You are hereby given approval to the above request. Any deviation from your proposed request will be reason to cancel our approval. Our approval is subject to like approval and all requirements of the New Mexico Oil Conservation Division.

Please remit a Thirty (\$30.00) Dollar filing fee.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
OGAD-Santa Fe, New Mexico
State of New Mexico Lease No. B-11349