



L. P. Thompson
Division Manager

E. L. Oshlo
Assistant Division Manager

Production Department
Hobbs Division
North American Production

Continental Oil Company
P.O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

DHC - 259

Duc - 9/6/78

August 15, 1978

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

AUG 17 1978

Attention Mr. Joe D. Ramey, Secretary Director

Gentlemen:

Application for Downhole Commingling - State A-2 No. 3 Unit 0, Section 2,
T-25S, R-37E, Lea County, New Mexico

Continental Oil Company, P. O. Box 460, Hobbs, New Mexico as an operator of the State A-2 lease, respectfully requests Administrative approval under the provisions of Order No. R-3845 to commingle in the wellbore production from the Justis Blinebry Oil and Justis Tubb Drinkard oil pools in the subject well. This dual completion was authorized by Administrative Order No. MC-1286. The attached plat shows the State A-2 lease outlined in red and the No. 3 well by the red circle.

On August 12, 1978, the bottom hole pressures in the well were estimated to be 373 PSI in the Justis Blinebry and 361 PSI in the Justis Tubb Drinkard.

Attached is a Form C-116 indicating the latest well tests. Also attached is a production decline curve for each zone. Anticipated production from the well after commingling is 30 BOPD by flowing.

The fluid from these two pools has been commingled at the battery since 1962 as approved under Administrative Order No. PC 101 and there has been no indication of incompatibility. Both crudes are typical Permian High Gravity crude.

Very truly yours,

E. L. Oshlo

BEG:vjk
Attachment

RR 15 Bb 79 160 mcf 90
Dr 480 21 18 mcf 10
19 178

Battery 6132'

State of New Mexico

Page 2

August 15, 1978

State of New Mexico

Energy and Minerals Department

Oil Conservation Division

P. O. Box 1980

Hobbs, New Mexico 88240

Cities Service Oil Company

P. O. Box 1919

Midland, Texas 79701

Exxon Company U. S. A.

P. O. Box 3116

Midland, Texas 79701

Richmond Drilling

P. O. Box 1547

Midland, Texas 79701

Union Texas Petroleum

1300 Wilco Building

Midland, Texas 79701

Getty Oil Company

P. O. Box 1231

Midland, Texas 79701

Operator CONTINENTAL OIL COMPANY		Pool Turns Blueberry		County LEA	
Address BOX 460, HOEBS, NEW MEXICO 88240		Type of Test - (X) <input checked="" type="checkbox"/> TEST		Schedulable <input type="checkbox"/>	
Lease Name STATE A-2		Well No. 3		Location 0 2 25 37	
		Date of Test 4-9-78		Choke Size 4 1/2	
		Tubg. Press. 150		Daily Allowable 19	
		Length of Test 34		Prod. During Test	
		Water Bbls. 4		Grav. Oil Bbls. 37.5	
		Oil Bbls. 15		Gas M.C.F. 160	
		Gas-Oil Ratio 10.667			

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.

NMOC (2) FILE

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Edward A. Lee
(Signature)

ADMINISTRATIVE SUPERVISOR

(Title)

8-15-78

(Date)

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[Signature]
(Signature)

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ADMINISTRATIVE SUPERVISOR

(Title)

8-15-78

(I)ure)

Present Status

Sect. 2, T-25S, R-37E
990' FSL & 1650' FEL

Completion & Workover History:

1963-Completion data listed below

1970-CIBP IN ABD string @ 4622'

Trtd. Blinebry w/4000 gal.

acid & frac. w/40,000 gal.

w/tn @ 60,000# sd., max.

pres. - 5200 psi; avg. treating

pres. - 4500 psi ISIP - 1000 psi

2 7/8", 6.4#/ft. J-55, Buttress

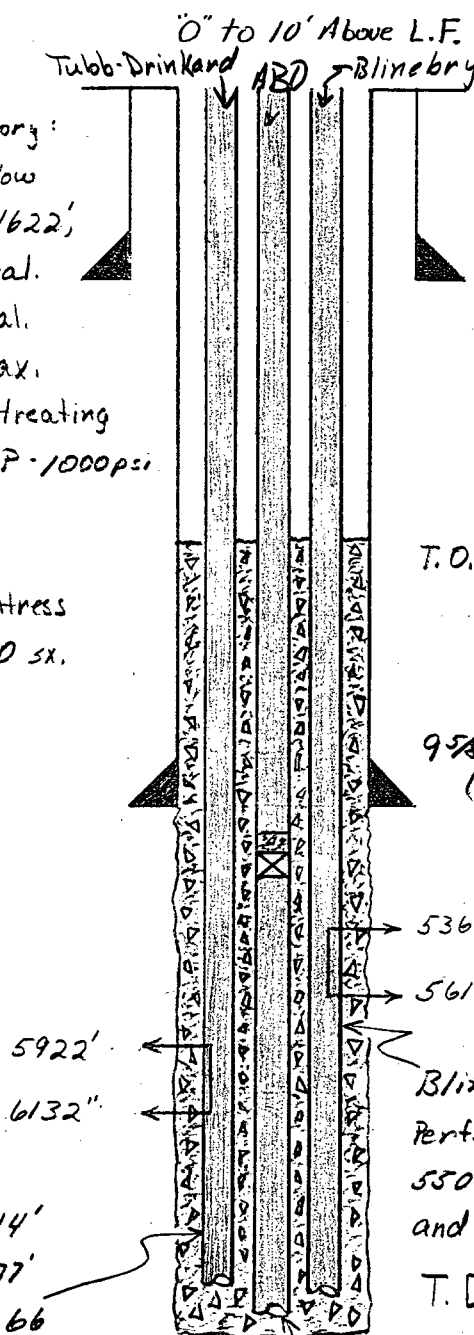
tbgs, cemented w/1060 sx.

(3 strings)

13 3/8", 48#/ft. CSG @ 325' w/350 sx.
(circulated)

T.O.C. - 2600'

9 5/8", 36#/ft. CSG @ 3710' w/450 sx.
(T.O.C. @ 2125')



Tubb-Drinkard tbgs. @ 6644'

Perts. 5922'-43', 49'-57', 62'-77'

84', 6003', 27', 35', 41', and 66

w/I JSPF, 6081'-83', 89'-91',

6098'-6100', 6109'-11', 6114'-16', and

30'-32' w/2 JSPF. Trtd. perts 5922'-6066'

w/9000 gal. Trtd perts. 6081'-6132' w/

5000 gal.

Blinebry tbgs. @ 6645'

Perts 5362'-65', 5413'-15', 54'-56',

5504'-08', 58'-63', 68'-70', 5599'-5601',

and 564'-17' w/2 JSPF. Trtd. w/acid

T.D. - 6650'

ABD tbgs. @ 6646'

Perts. 6422'-24', 30'-32', 51'-53',

65'-67', & 92'-94' w/2 JSPF

Trtd. w/5000 gal. acid, used 15 balls

SBL

VENTAL OIL COMPANY
CIRCULATION SHEET

drilled in 1963

7/24/78

State "A-2" No. 3

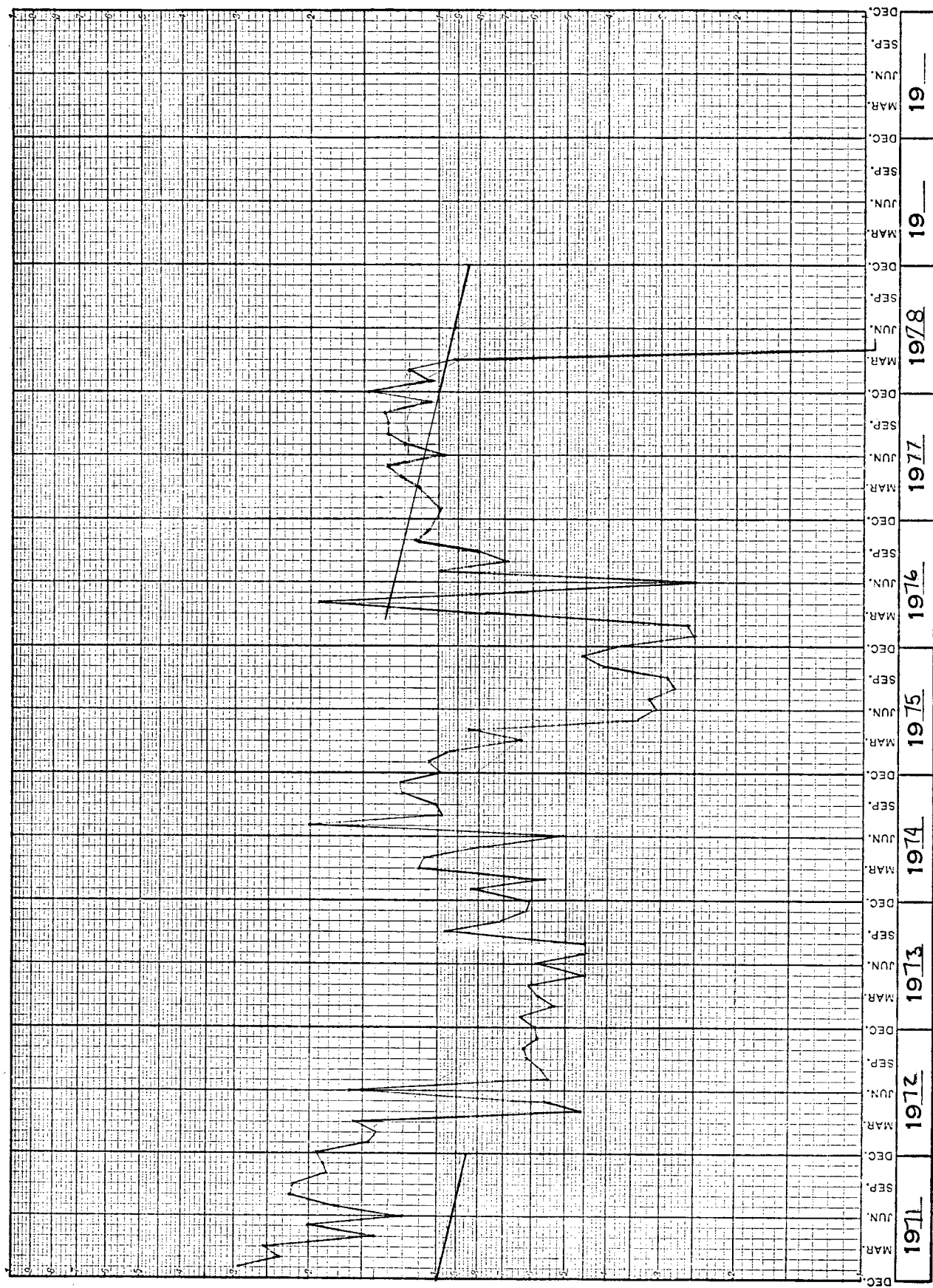
Lea County, NM

STATE "A-2" No. 3 - Justis Tubbs-Drinkard

1000

100

12% decline



STATE 'A-2" NO. 3 - Justis Tubb-Drinkard

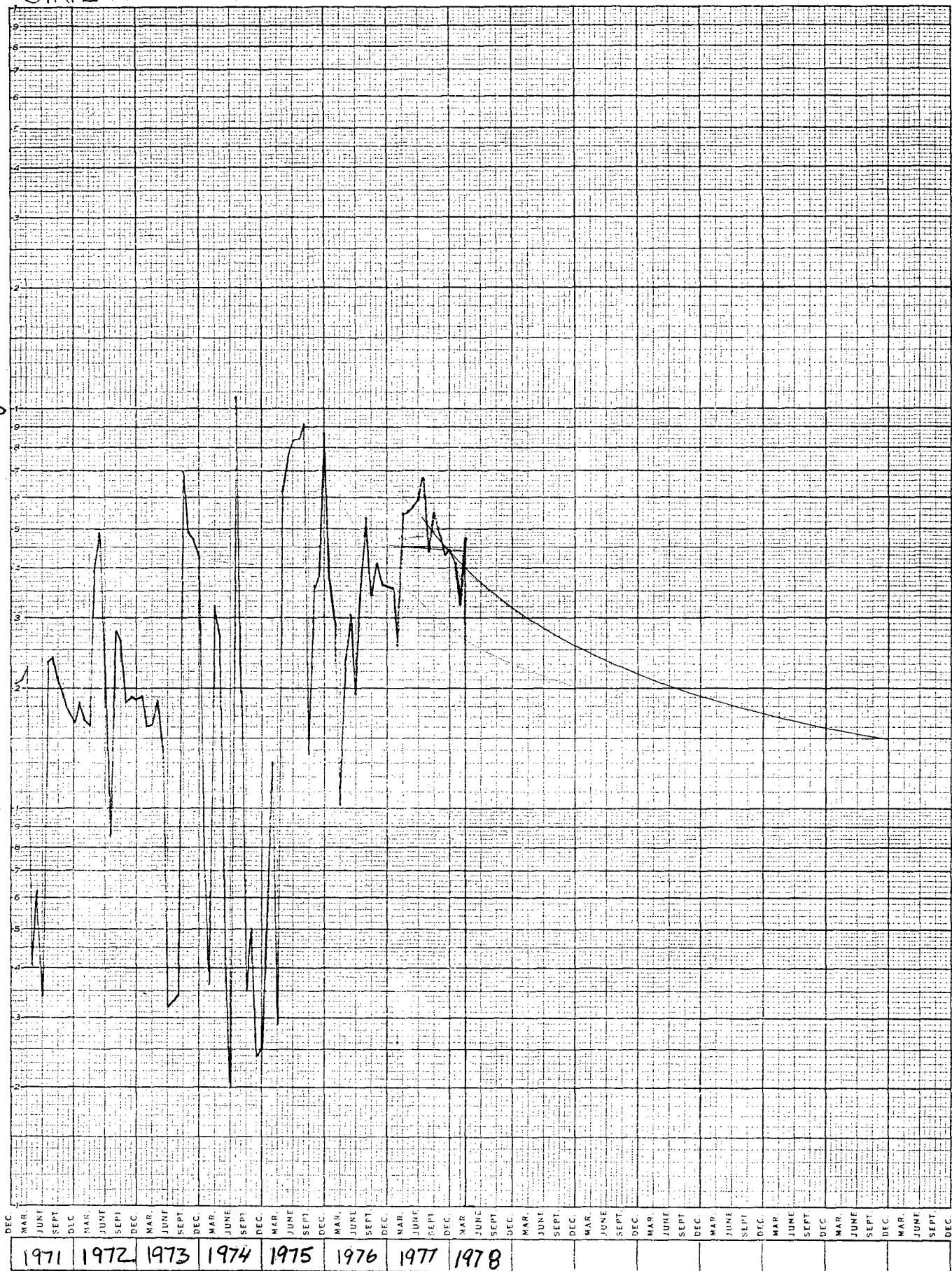
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GRAPH PAPER

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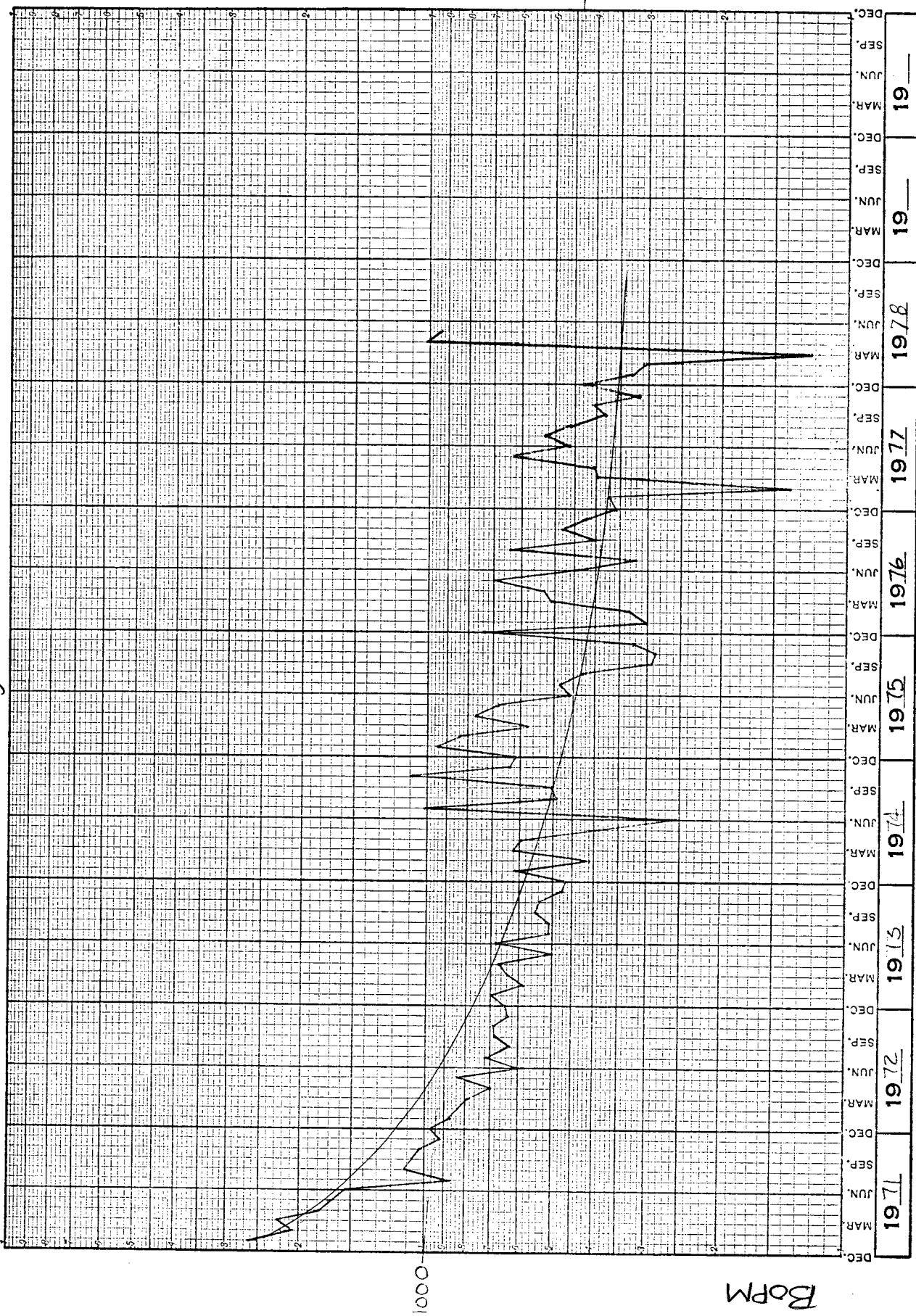
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MCPEM



GAS

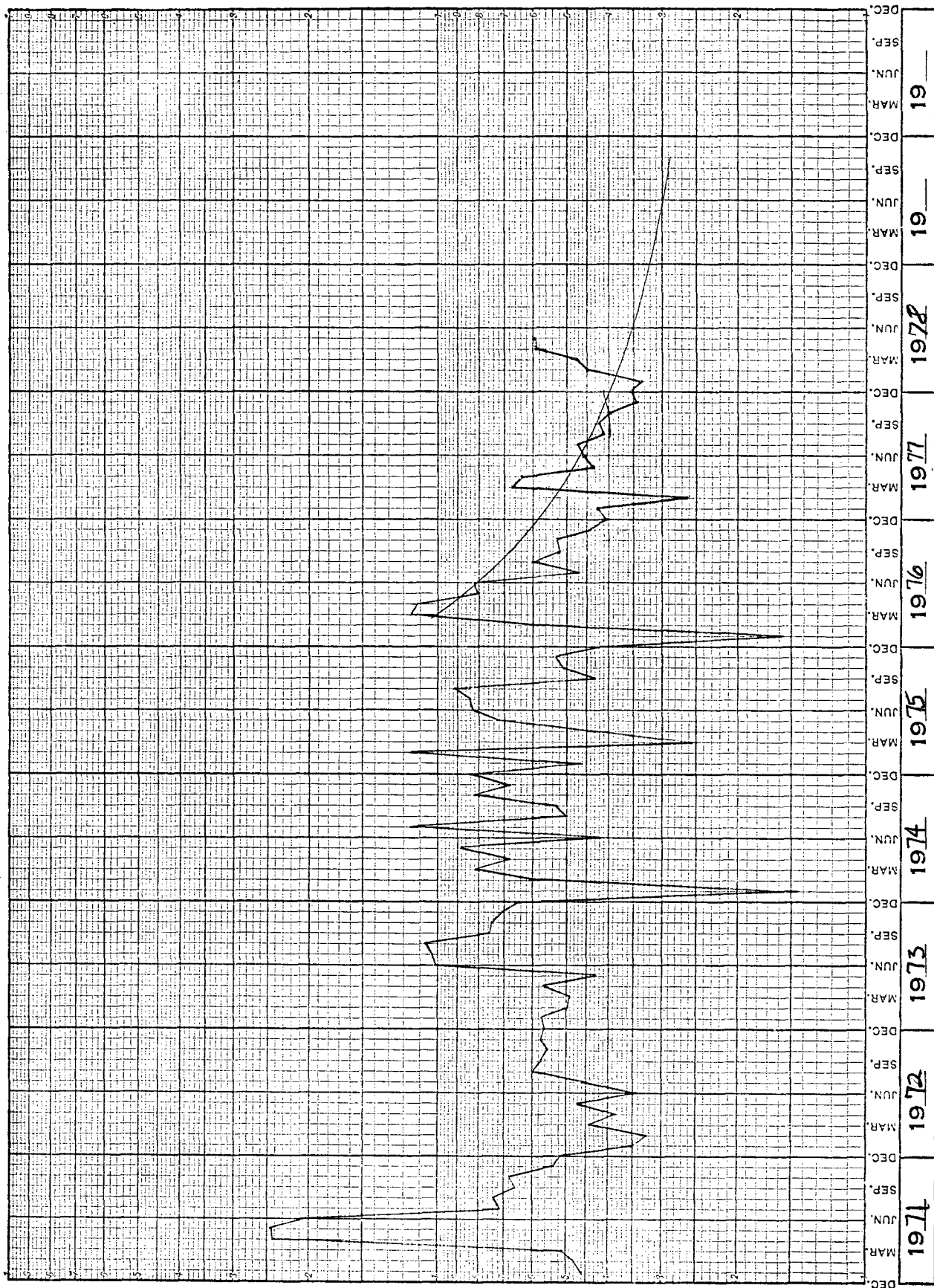
STATE "A-2" ND. 3 - JUSTIS Bline bry



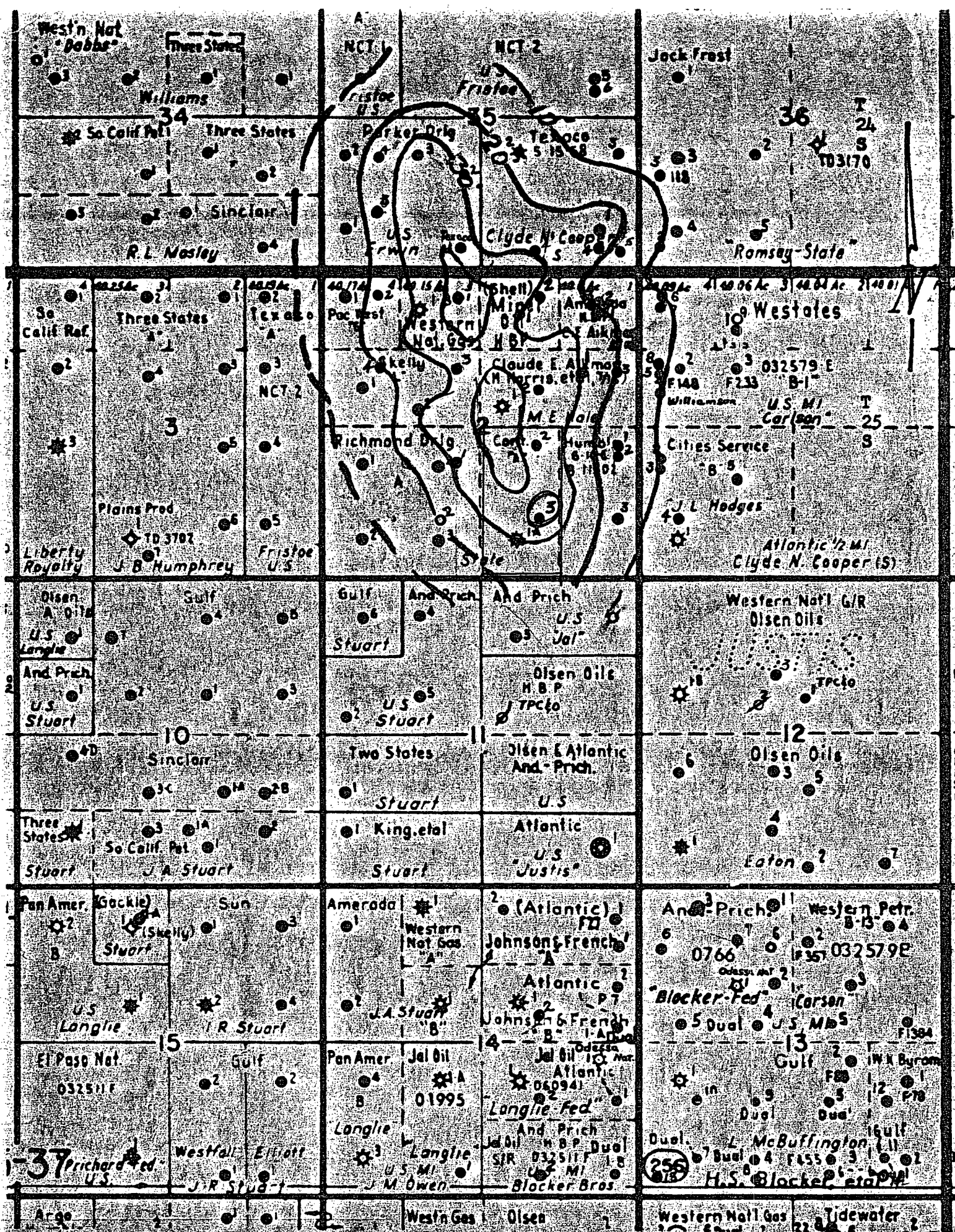
6% decline

710

STATE "A-2" No. 3 - Justis Blinbry



GAS



Proposed Well

- North Justis Abo Wells
- North Justis Blinebry Wells
- North Justis Devonian Wells
- North Justis Ellenburger Wells
- North Justis Tubb Drinkard Wells

CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT EUNICE, NEW MEXICO

BLINEBRY ISOPACH

State A-2 Lease

Date: 5-21-63

Drawn By: C. Reynolds

Scale: 1" = 2000'

Cont. Int. 10'

OIL CONSERVATION COMMISSION
HOBBS DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE August 25, 1978

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

Gentlemen:

I have examined the application dated _____
for the Continental Oil Co. State A-2 No. 3-0 2-25-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Meets the requirements of Rule 303-C---J.W.R.

Yours very truly,

John W. Runyon