

OIL CONSERVATION DIVISION
DISTRICT I

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

DATE 8/31/79

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

Gentlemen:

I have examined the application for the:

ARCO Oil & Gas Co. J.R. Core A #2-L 26-21-37
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

See

Yours very truly,

/mc

ARCO Oil and Gas Company

Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100



August 27 , 1979

Mr. Joe D. Ramey
Oil Conservation Division
New Mexico Department of Energy & Minerals
P. O. Box 2088
Santa Fe, New Mexico 87501

RE: Downhole Commingling Application
J. R. Cone A No. 2
Section 26, T-21-S, R-37-E

Dear Sir:

ARCO Oil and Gas Company requests administrative approval under the provisions of Rule 303-C to commingle downhole production from the Blinebry and Drinkard zones of the J. R. Cone A No. 2 located in Section 26, T-21-S, R-37-E, of Lea County, New Mexico.

Production on this lease is presently being commingled in the surface facilities (Order #PC-228) with no evidence of fluid incompatibility. Since the crudes are commingled at the battery before sale, no change in value will result from commingling the production downhole. Ownership of both zones is common and correlative rights will not be violated.

This well produces from a maximum depth of 6174' and is therefore allowed a commingled production rate up to 40 BOPD. The water production limit is 40 BWPD from each zone.

The J. R. Cone A No. 2 produces 5 BOPD + 0 BWPD + 19 MCFPD under artificial lift from the Blinebry zone. Estimated bottom hole pressure is 511 psia.

Drinkard production is by natural flow. Presently this zone produces 189 MCFPD from a measured bottom hole pressure of 370 psig. The last Drinkard oil production was in February, 1979.

Page 2

Additional information, such as decline curves, Form C-116-A, List of Offset Operators, and lease and well information is included as required by Rule 303-C. Offset operators are being notified by registered mail with a copy of this application.

Thank you for your consideration.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J L Tweed".

J. L. Tweed

KG:ad

cc: Offset Operators
NMOCC Area Supervisor
P. O. Box 1980
Hobbs, New Mexico 88240

1. Operator: ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702
2. Lease, Well & Location: J. R. Cone A No. 2
1980' FSL, & 660' FWL
Sec 26, T-21-S, R-37-E
Lea County, New Mexico
3. Producing Zones: Blinebry - natural flow
Drinkard - pump
4. Current Production:

 Blinebry - Oil - 5 BOPD
 Water - 0 BOPD
 Gas - 19 MCFPD

 Drinkard - Oil - 0 BOPD
 Water - 0 BOPD
 Gas - 189 MCFPD
5. Commission Number authorizing dual completion:

 DC-308
6. Fluid compatibility & Value: Lease production has been commingled in the surface facilities (#PC-228) with no evidence of fluid incompatibility. Because this is before sale, no change in value will result from downhole commingling.
7. Decline curves: Enclosed
8. Bottom hole pressures: Blinebry - 511 psi (estimated)
 Drinkard - 370 psi (measured)
9. Offset Operators are being notified by registered mail with a copy of this application.

OFFSET OPERATORS

Continental
P. O. Box 460
Hobbs, New Mexico 88240

Exxon
P. O. Box 1600
Midland, Texas 79702

Getty Oil Company
P. O. Box 1231
Midland, Texas 79702

C-11:6
 Providence 1-1-55

Lea

X Special

AS - Oil
Ratio
J.F.T.V.53

1

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKED SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS-OIL RATIO CU.FT/BB
		U	S	T	R						WATER BBL'S.	CRAV. OIL BBL'S.	GAS M.C.F.		
J.R. Cone "A"	2	F	5	18S	28E	7-27-79	F 32/64	75	0	24	0	88.6	0	189	-0-
Above is a 24 hr. productivity test preparatory to comingling down hole with the Blinbry Oil & Gas zone.															

Engrg. Tech. Spec.
17144

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

GL-18
Revised 1-1-65

Operator ARCO OIL & GAS COMPANY		Pool Blinebry Oil & Gas		County Lea											
Division of Atlantic Richfield Company		Address P.O. Box 1710, Hobbs, New Mexico 88240		Type of Test - (X) ☒ Scheduled ☐ Special ☒											
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS-OIL RATIO CU.FT/BB
		U	S	T	R						WATER BBL.	GRAV. OIL	OIL BBL.	GAS M.C.F.	
J.R. Cone "A"	2	F	5	18S	28R	7-14-79	P		5	24	-0-	38.6	5	19	3800
Above is a 24 hr. productivity test preparatory to commingling down hole with the Drinkard zone.															

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 allowable when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 14.735 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.

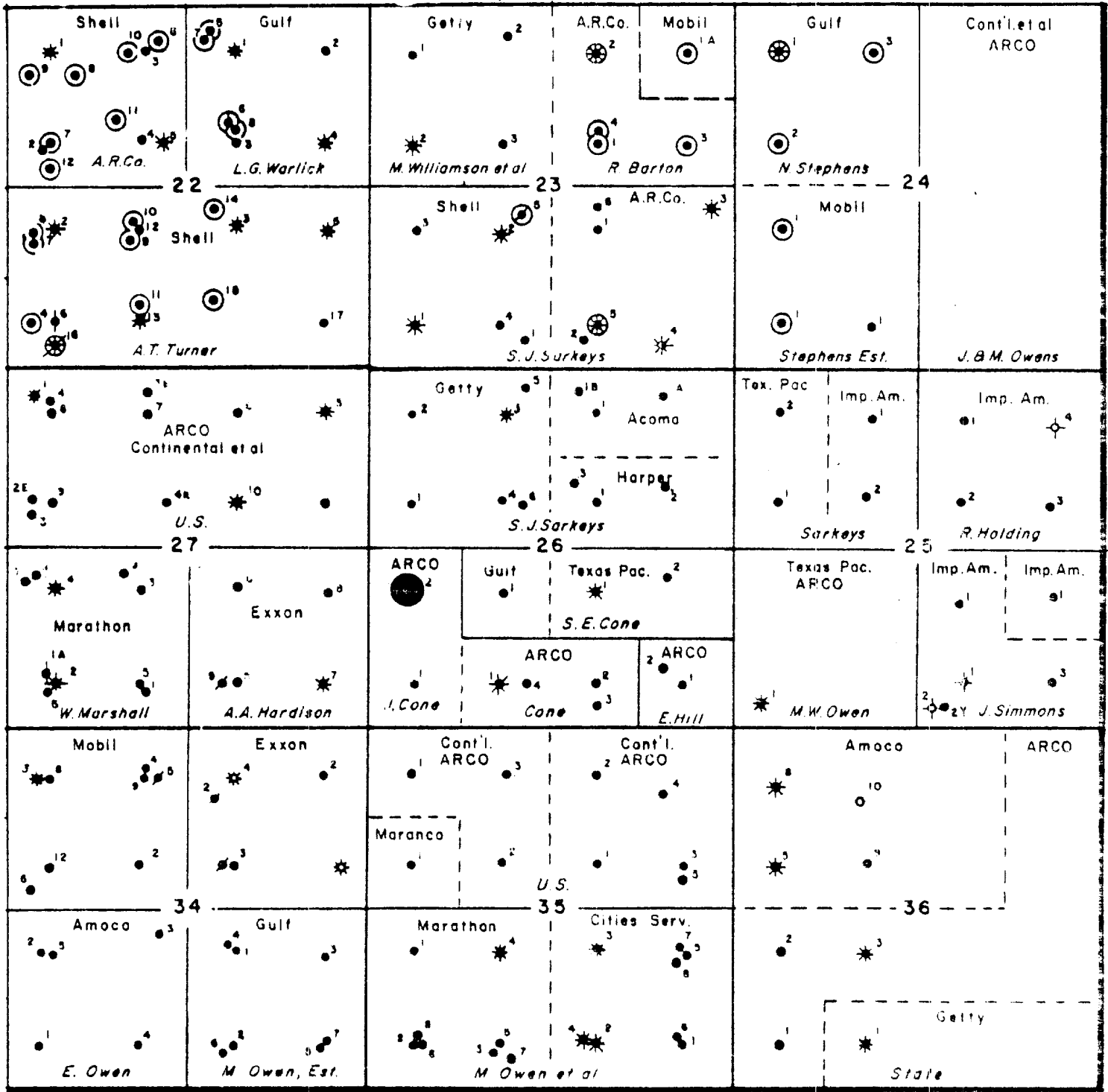
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 303 and appropriate pool rules.

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

W. S. Shuck
(Signature)
Engr. Tech. Spec.
(Title)

[illegible]

R 37 E



T
21
S

ARCO Oil and Gas Company 
DIVISION OF AMERICAN OIL COMPANY
 Permian District Midland, Texas

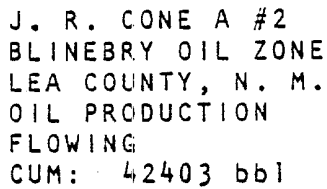
SCALE 1" = 2000'

By C. DAWSON	Drawn By.	Date 7 - 79
Date 7 - 79	Revised By.	Date
Dept. WEST AREA ENGR.	Dwg. No.	

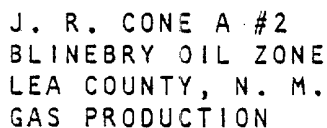
K⁺Σ
5 YEARS BY MONTHS
X 3 LOG CYCLES

MADE IN U. S. A. •

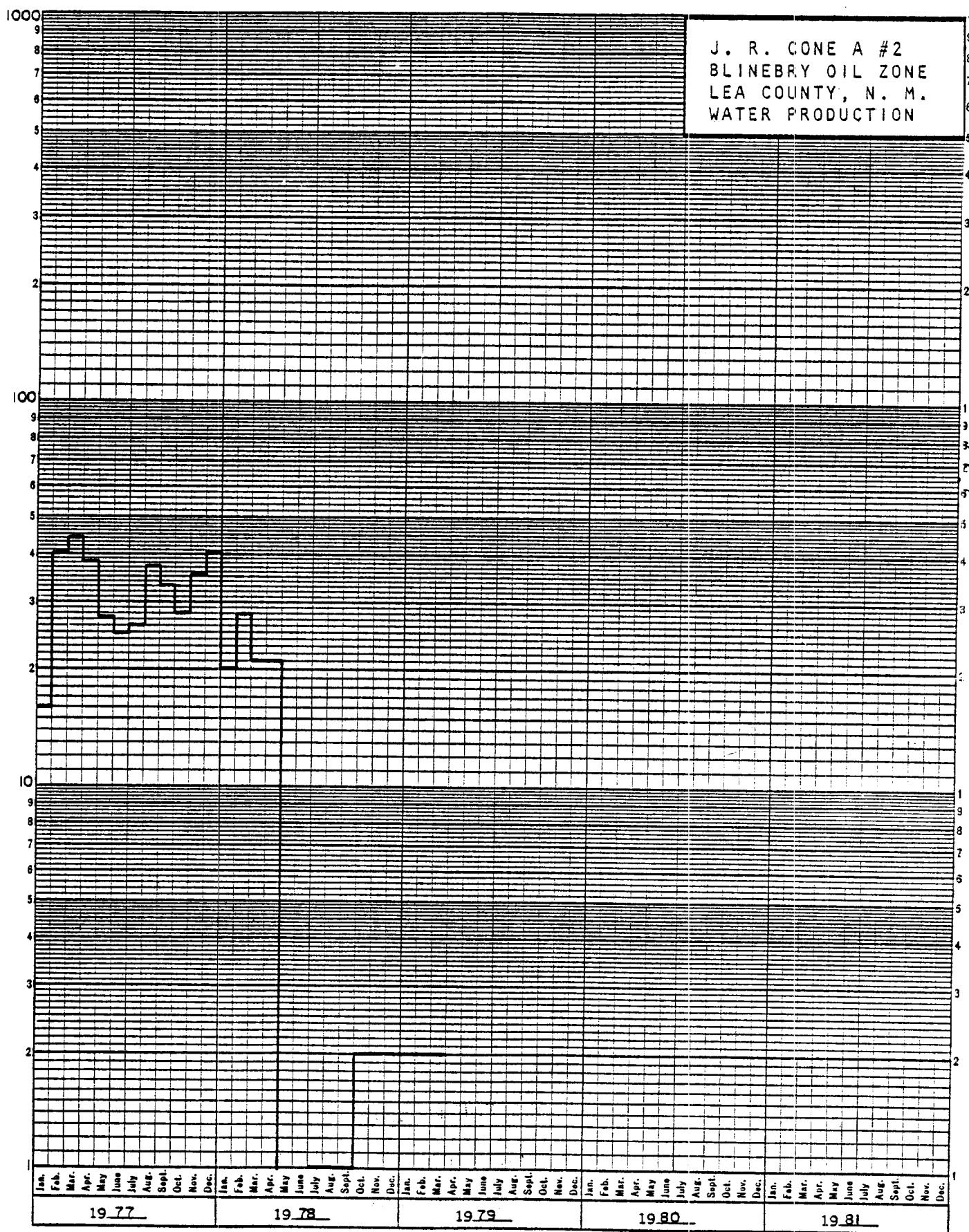
KEUFFEL & ESSER CO.,



46 6693

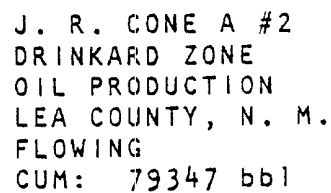


BWPM

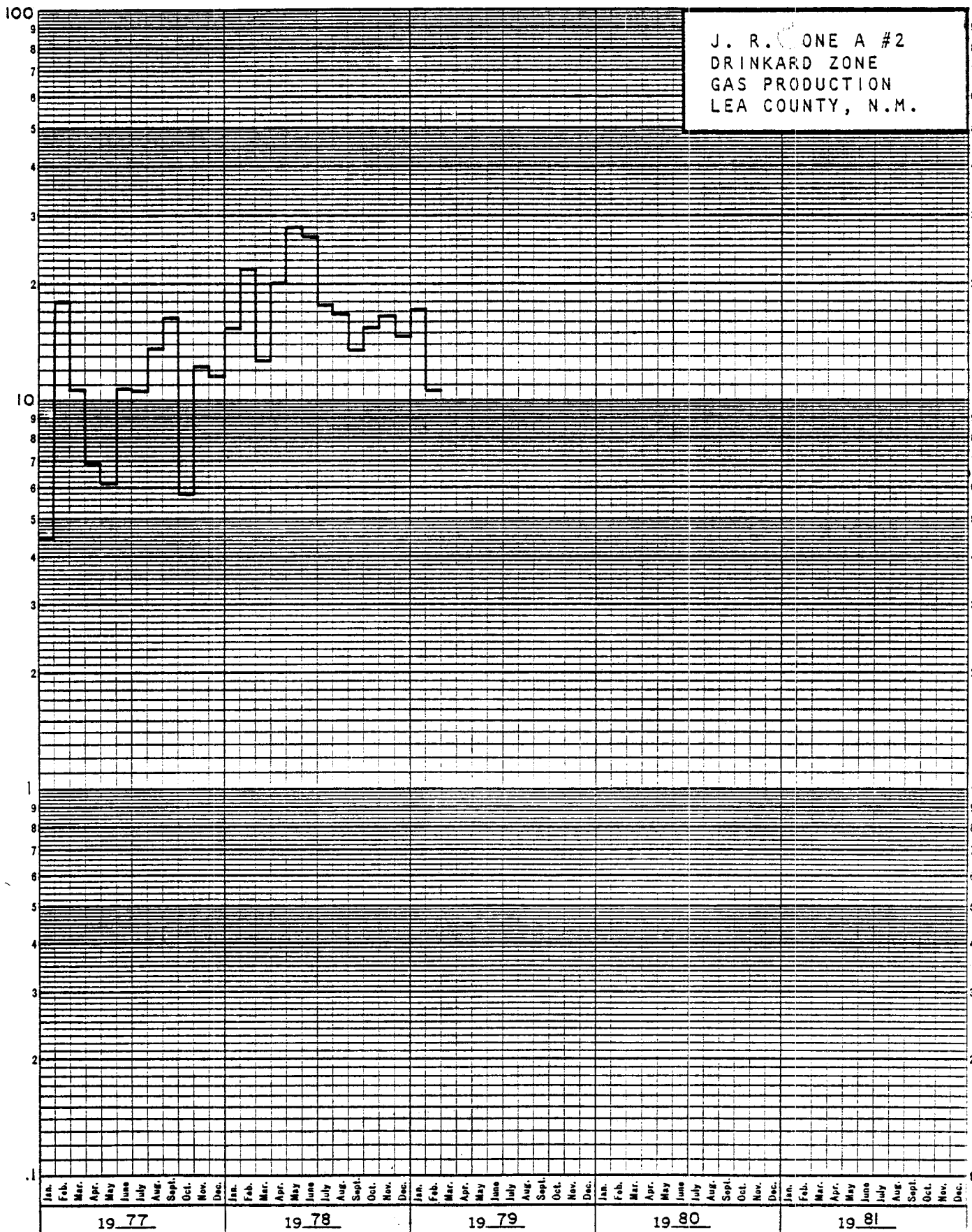


KEUFFEL & ESSER CO.

BOPM



MC FPM



MADE IN U. S. A. •

WDM

