

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



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

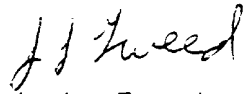
The Jal Federal #2 produces 22 BOPD + 24 BWPD + 76 MCFPD from the Blinebry and 22 BOPD + 5 BWPD + 102 MCFPD from the Tubb-Drinkard with established decline rates. Current bottom hole pressures were measured to be 977 psig for the Blinebry and 625 psig for the Tubb-Drinkard. Both zones are producing by natural flow.

Page 2
Joe D. Ramey
August 22, 1979

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 and the U. S. Geological Survey 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

JAL FEDERAL #2

1. Operator: ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702
2. Lease, Well, and Location:

Jal Federal No. 2
660' FNL & 2310' FEL
Section 11-25S-37E
Lea County, New Mexico
3. Producing Zones:

Blinebry by natural flow
Tubb-Drinkard by natural flow
Bottommost Perforation at 6114'
4. Commission Order No. Authorizing Dual Completion:

MC-1382
5. Decline Curves: attached
6. Bottom Hole Pressures: Blinebry-977 psig
Tubb-Drinkard-625 psig
7. Fluid Incompatibility:

Production from these zones is being
commingled in the surface facilities.
No evidence of fluid incompatibility has
been found.(PC-164)
8. Value of Commingled Fluids:

Production from these two zones is
already being commingled in the
surface facilities before sale,
therefore downhole commingling will
not affect the current pricing.
9. Current Production: See attached C-116.
10. All Offset Operators and the United States
Geological Survey are being notified by
copy of this application.

LIST OF OFFSET OPERATORS

Gulf Oil E&P Company
P. O. Box 1150
Midland, Texas 79702

Exxon
P. O. Box 1600
Midland, Texas 79702

Texas Pacific Oil Company
P. O. Box 4067
Midland, Texas 79702

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

Union Texas Petroleum Corp.
1300 Wilco Bldg.
Midland, Texas 79701

Cities Service
Box 1919
Midland, Texas 79701

United States Geological Survey
P. O. Drawer U
Artesia, New Mexico 88210

GAS-OIL RATIO TESTS

Operator *AKPO Oil & Gas Company* ¹³⁰¹

Address *Division of Atlantic Richfield Co.* Justis Blinberry

County *Lea*

P. O. Box 1710, Hobbs, New Mexico 88240

TEST - (X)

Scheduled ☐

Completion ☐

Special ☒

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT/BE
		U	S	T	R						WATER BBL'S.	GRAV. OIL BBL'S.	OIL BBL'S.	GAS M.C.F.	
Jal	2	B	11	25	37	8/8/79	F 64/64"	60	22	24	24	37.1	22	76	3455
Above is a 24 hour productivity test preparatory to commingling down-hole with the Justis Tubb 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 well 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 Division.

Gas volume must be reported in MCF measured at a pressure base of 14.735 psia and a temperature of 60° F. Specific Gravity based will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 331 and appropriation pool rules.

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

Ed S. Shuckelford
(Signed)
Engr. Tech. Spec.

(Title)

8/9/79

GAS-OIL RATIO TESTS

Operator		ARCO Oil & Gas Company		Pool		Justis, Tubb, Drinkard		County		Lea					
Address		Division of Atlantic Richfield Co.		P. O. Box 1710, Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Scheduled ☐		Completion ☐					
LEASE NAME		WELL NO.	LOCATION		DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST					
		U	S	T	R					WATER BBLs.	GRAV. OIL BBLs.	GAS M.C.F.			
												GAS - OIL RATIO CU.FT./BBL			
Jal		2	B	11	25S	37E	8-16-79	64/64" 70#	26	24	5	38.0	22	102	4636
This test is filed as a 24 hr. productivity test preparatory to requesting OCD approval to commingle down hole.															

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 well 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 wells can be assigned increased allowances when authorized by the Division.
Gas volumes must be reported in MCF measured at a pressure base of 15.023 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 Division in accordance with Rule 301 and applicable pool rules.

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

D. A. MacKelford
(Signature)

Engrg. Tech. Spec.

(Title)

8-21-79

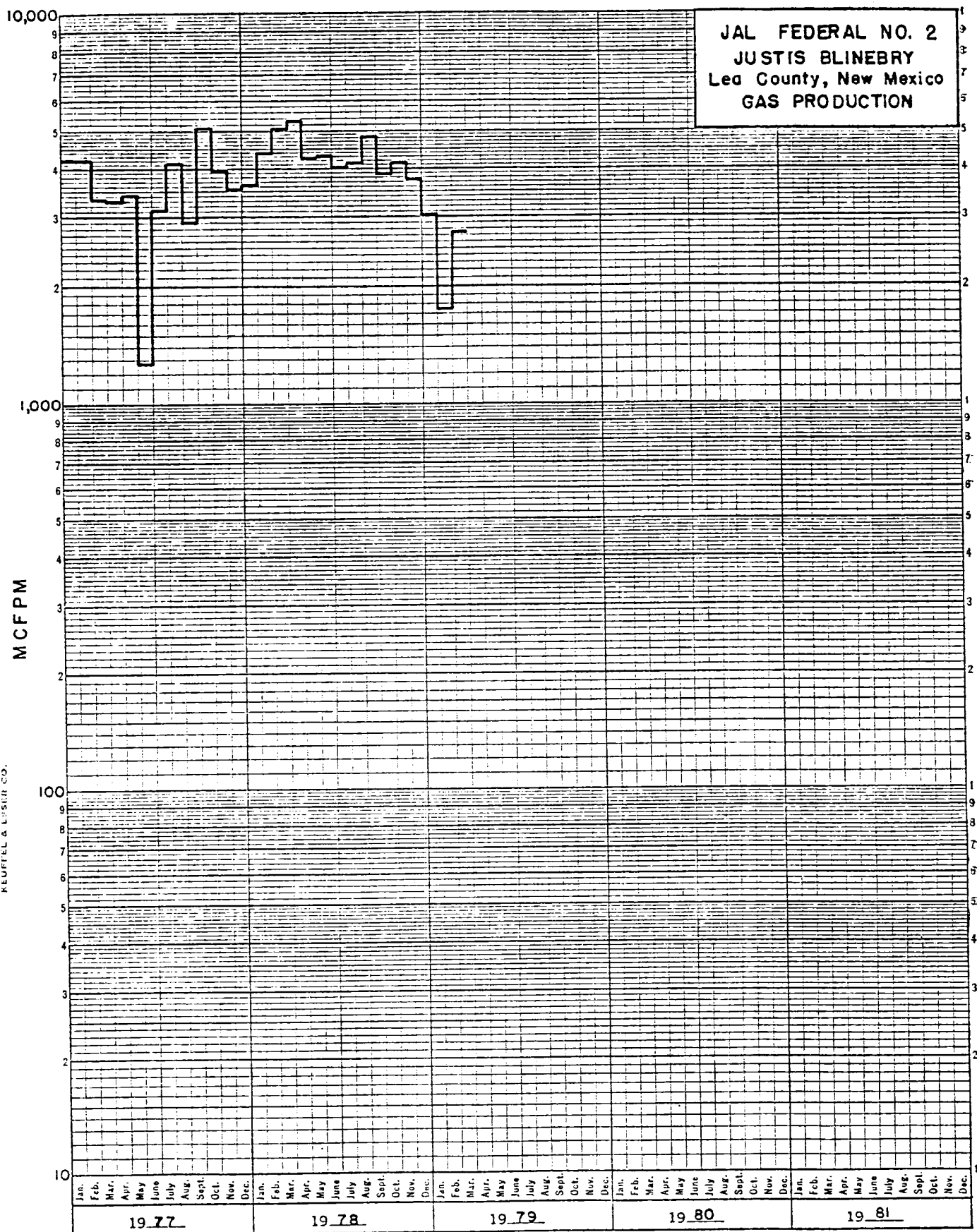
AtlanticRichfieldCompany

Static Reservoir Pressure Survey

To	Joe Hastings	Office	Special Projects	From	Special Projects	Office	Odessa, Texas	Date	7-31-79
State, Field, (Formation)	New Mexico		Midland, Texas						
Lease and well number	Bluesbey								
Date of test	7-6-79								
Well elevation feet DF		4940	5290	25 1/4	760	4915	NONE		
Test depth feet DF									
Top of perforation feet DF									
Hours well shut in									
Tubing pressure PSI, GA									
Oil level feet, DF									
Water level feet, DF									
Temperature at test depth deg F									
Bottom hole pressure at test depth PSI, GA									
Correction test depth to top of perforation Feet									
Grad. PSI per foot									
Total PSI									
Bottom hole pressure at top of perforation PSIG									
Change from previous test									
Date									
Correction top of perfl. to datum plane Feet									
Grad. PSI per foot									
Total PSI									
Bottom hole press. at datum plane PSIG									

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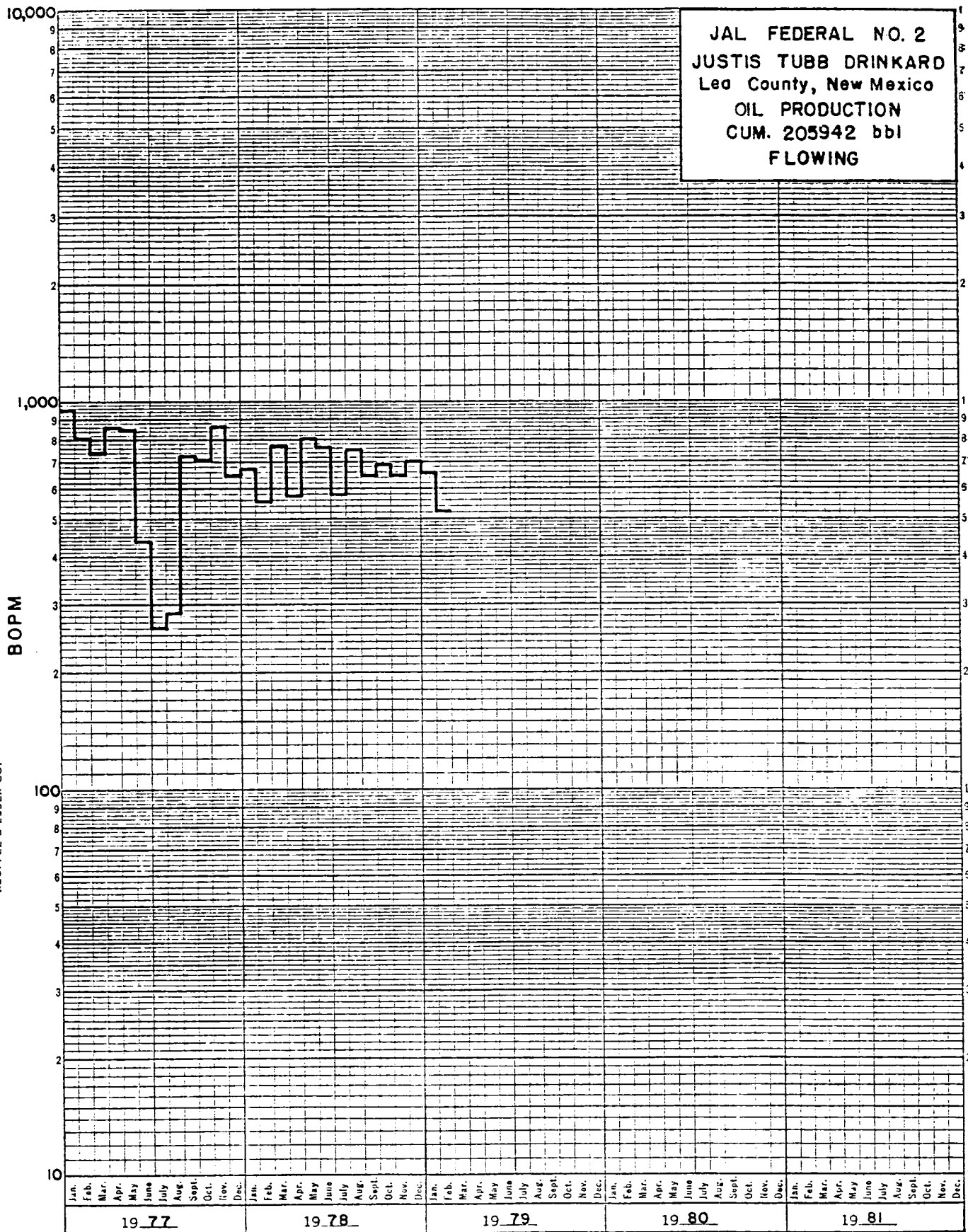

UP TO 5 YEARS BY MONTHS
X 3 LOG CYCLES
46 6693
MADE IN U.S.A.
KODAK SAFETY FILM
KEUFFEL & ESSER CO.



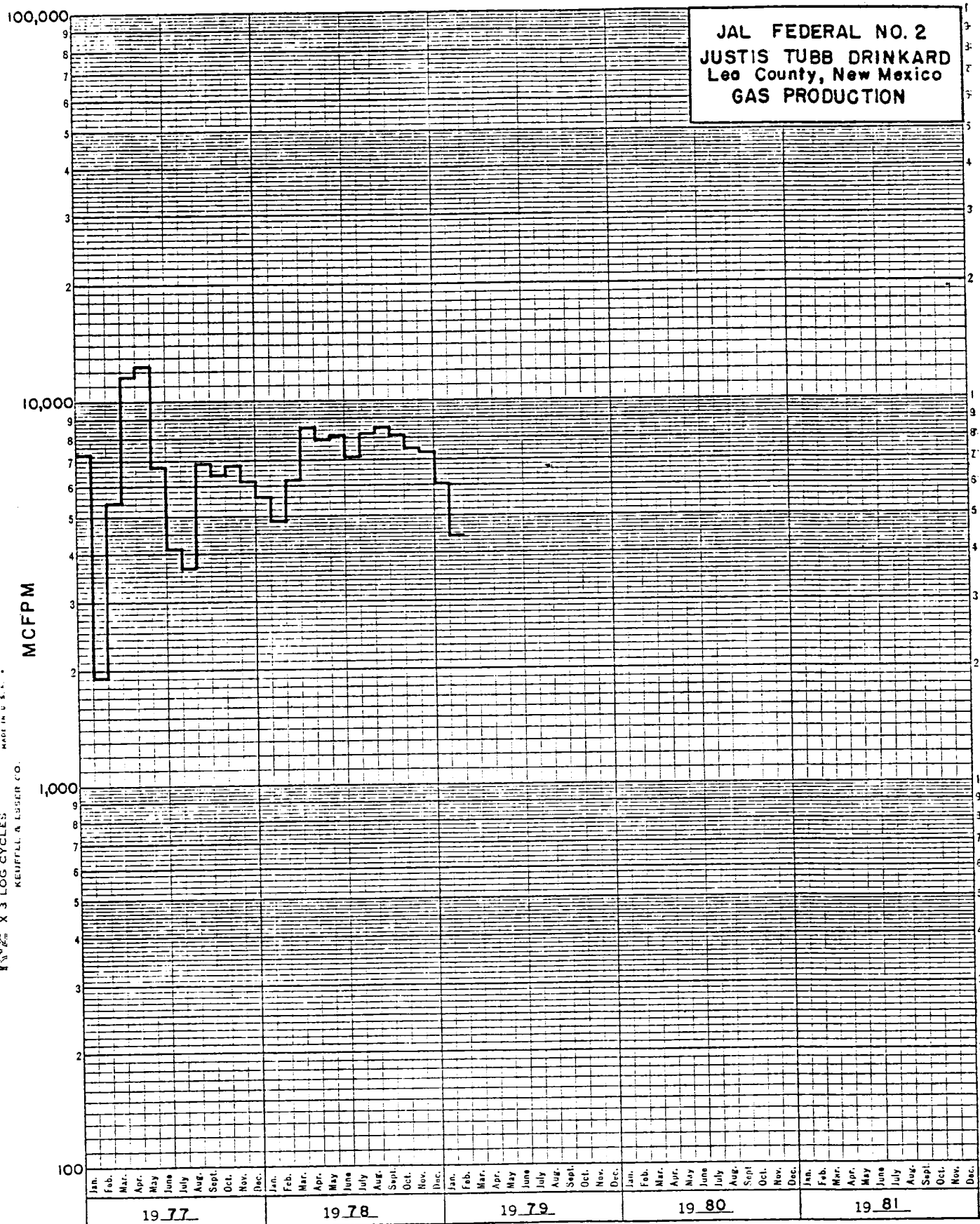
KEUFFEL & ESSER CO.

JAL FEDERAL NO. 2
JUSTIS BLINEBRY
Lea County, New Mexico
WATER PRODUCTION

KE 5 YEARS BY MONTHS 46 6693
X 3 LOG CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.



KEUFFEL & ESSER CO.




5 YEARS BY MONTHS
X 3 LOG CYCLES
46 6693
 MADE IN U.S.A. •
KODAK & CO.

JAL FEDERAL NO. 2
JUSTIS TUBB DRINKARD
Lea County, New Mexico
WATER PRODUCTION

