

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100



August 15, 1979

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

RE: State Y No. 6
Section 25, T-25S, R-37-E
Lea County, New Mexico
Application to Downhole Commingle the
Blinebry and Montoya Zones

Dear Sir:

ARCO Oil and Gas Company requests administrative approval under the provisions of Rule 303-C to downhole commingle Blinebry and Montoya production in the State Y No. 6. This well is located in Section 25, T-25-S, R-37-E of Lea County, New Mexico.

Production from the Blinebry, Montoya, and Fusselman zones is presently commingled at the surface (Order R-1337) with no indication of fluid incompatibility. Since the crudes are commingled at the battery before sale, no difference in value will result from commingling the production downhole. Ownership of both zones is common, and commingling will not violate correlative rights.

Producing from a maximum depth of 6974', this well is allowed a commingled production rate of 40 BPD. The water production limit is 40 BPD from each zone.

Both zones are presently on pump. The State Y No. 6 produces 12 BOPD + 1 BWPD + 63 MCFPD from the Blinebry (5030'-5560') at an estimated bottom hole pressure of 258 psig. No. 6 also produces 6 BOPD + 53 BWPD + 3 MCFPD from the Montoya (6950'-6974') at an estimated bottom hole pressure of 1375 psig.

Sufficient artificial lift capacity will be available to lift the anticipated daily production and prevent fluid buildup in the wellbore and possible contamination of the two producing zones.

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Joe D. Ramey

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

STATE Y NO. 6

1. Operator: ARCO Oil & Gas Company
P. O. Box 1610
Midland, Texas 79702
2. Lease, Well & Location: State Y No. 6
1650' FNL & 660' FEL
Sec 25, T-25-S, R-37-E
Lea County, New Mexico
3. Producing Zones: Blinebry (Pump)
Montoya (Pump)
4. Current Production:

Blinebry:	Montoya:
Oil - 12 BOPD	Oil - 6 BOPD
Gas - 63 MCFPD	Gas - 3 MCFPD
Water-1 BOPD	Water - 53 BOPD
5. Commission Number Authorizing Dual Completion:
DC-1019
6. Fluid Compatibility and Value:
Production is presently commingled in surface facilities (#R-1337) 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. Estimated Bottom Hole Pressures:
Blinebry : 258 psig
Montoya: 1375 psig
9. Offset Operators are being notified by registered mail with a copy of this application.

OFFSET OPERATORS

AMERADA HESS CORPORATION
DRAWER 817
SEMINOLE, 79360

AMOCO PRODUCTION COMPANY
DRAWER A
LEVELLAND, TEXAS 79336

GETTY OIL COMPANY
BOX 1231
MIDLAND, TEXAS 79702

OIL DEVELOPMENT COMPANY OF TEXAS
BOX 12058
AMARILLO, TEXAS 79101

UNION OF TEXAS
1300 WILCO BUILDING
MIDLAND, TEXAS 79701

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator ARCO Oil & Gas Company		Pool Justis Montoya		County Lea	
Division of Atlantic Richfield Co.		Address P. O. Box 1710, Hobbs, New Mexico 88240		Type of Test - (X)	
LEASE NAME		WELL NO.		DATE OF TEST	
State "Y"		6		7-24-79	
Above test is 24 hr. productivity test preparatory to commingling down hole w/ Justis Blinberry Zone.		H		P	
		25		50	
		25S		17	
		37E		24	
				53	
				35.7	
				6	
				3	
				500	

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 volume 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.
Well 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.

A. S. MacCabe
(Signature)
Engrg. Tech. Spec.
(Title)

C-1:5
Invited 1-1-53

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

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

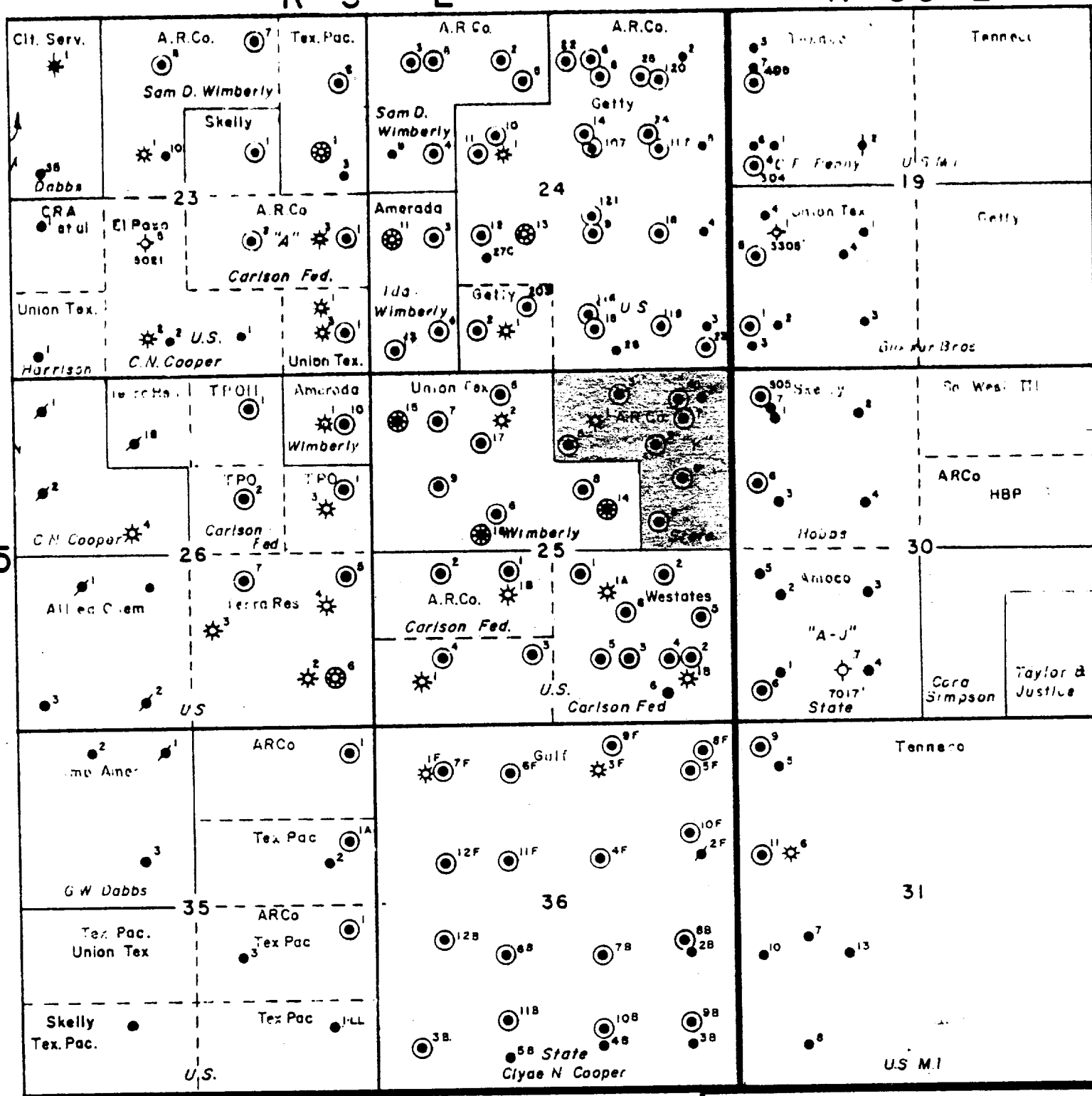
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

W. S. MacArthur
(Signed)
Engrg. Tech. Spec.

(Index)

R 3 E

R 38 E

T
25
S

ARCO Oil and Gas Company 
 Division of Atlantic Richfield Company
 Permian District Midland, Texas

LEA COUNTY, NEW MEXICO

SCALE 1" = 2000'

By R.M. MALAISE	Drawn By	Date 5-79
Date 5-79	Revised By	Date
Dept WEST AREA ENGR.	Dwg No	

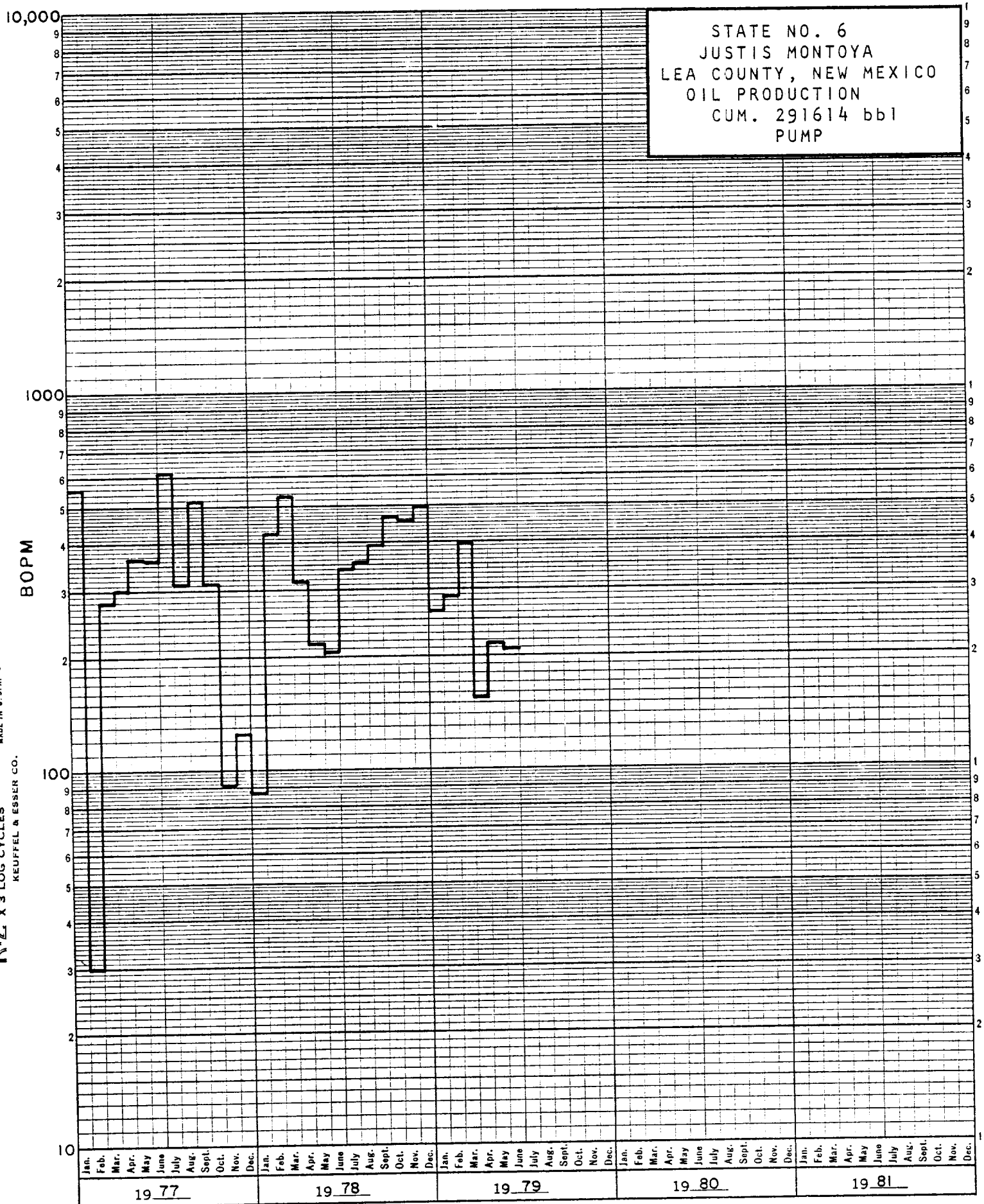
**3 YEARS BY MONTHS
X 3 LOG CYCLES**

10,000
9
8
7
6
5

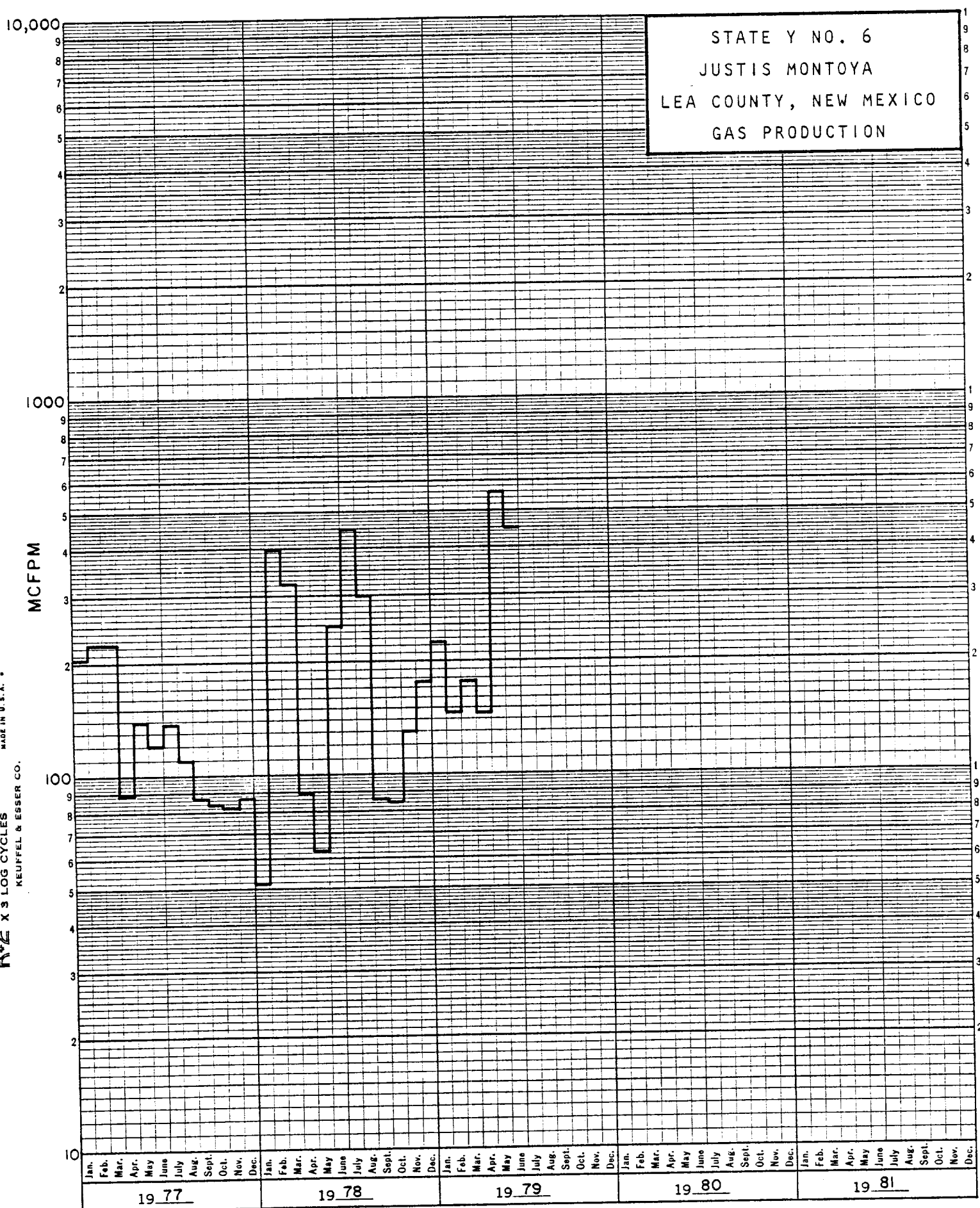
STATE Y NO. 6
 JUSTIS BLINEBRY
 LEA COUNTY, NEW MEXICO
 OIL PRODUCTION
 CUM. 107529 bbl.
 PUMP

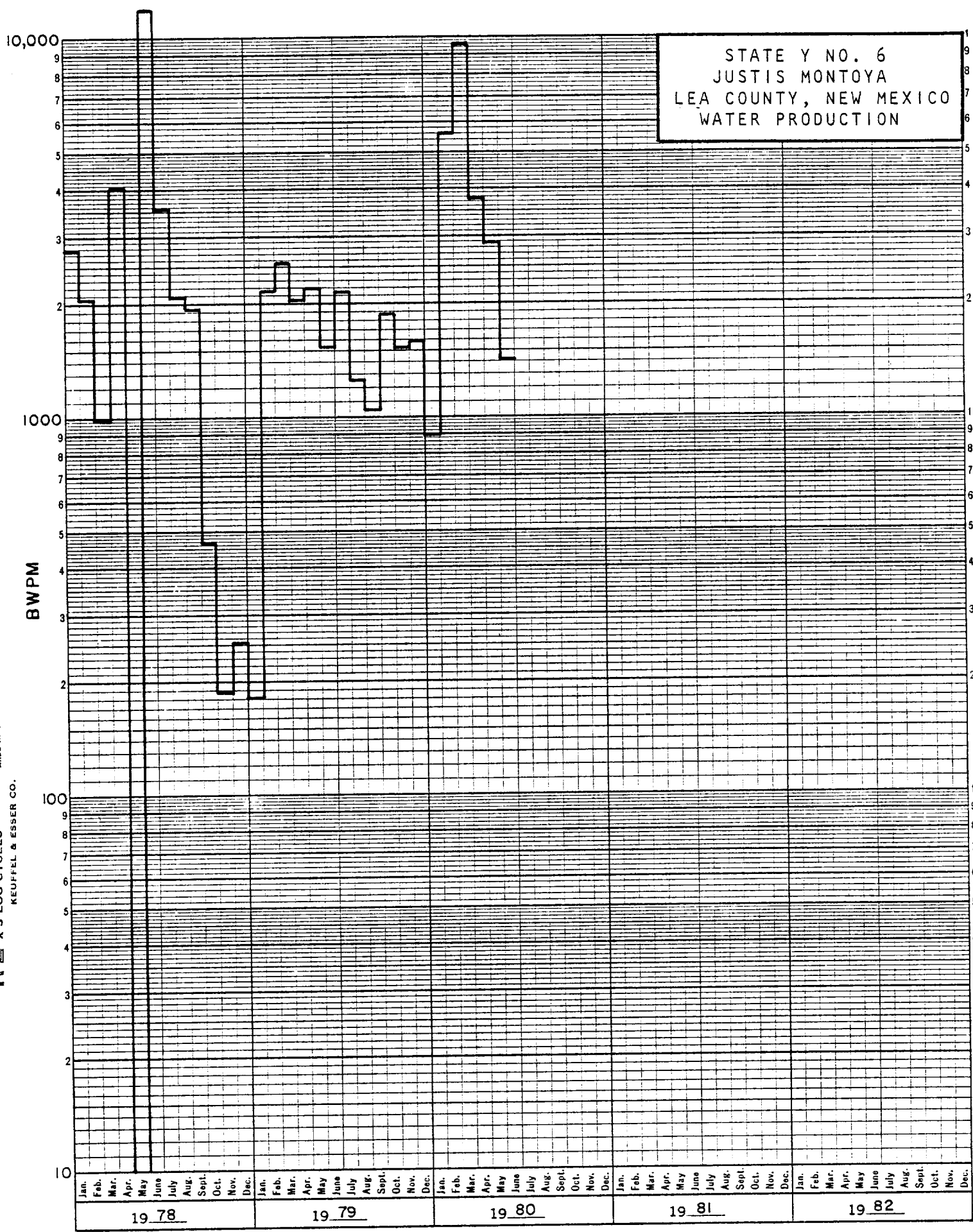


K **5 YEARS BY MONTHS** **46 6693**
X 3 LOG CYCLES **MADE IN U. S. A. •**
KEUFFEL & ESSER CO.



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





STATE Y NO. 6
 JUSTIS MONTOYA
 LEA COUNTY, NEW MEXICO
 WATER PRODUCTION