

Getty Oil Company

MID-CONTINENT EXPLORATION AND PRODUCTION DIVISION
~~AMERICAN EXPLORATION AND PRODUCTION DIVISION~~

P. O. Box 249
Hobbs, New Mexico 88240

February 2, 1976

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

ATTENTION: MR. JOE RAMEY

RE: APPLICATION FOR DOWNHOLE COMMINGLING
GETTY OIL COMPANY'S A. B. COATES "C"
WELL NO. 18, JUSTIS BLINEBRY AND
JUSTIS TUBB-DRINKARD ZONE.
LEA COUNTY, NEW MEXICO

Gentlemen:

Getty Oil Company respectfully requests Administrative Approval to downhole commingle the Blinebry and Tubb-Drinkard Zones in its A. B. Coates "C" Well No. 18, located in Lea County, New Mexico; it is proposed that the Ellenburger Zone be produced through a parallel tubing string. At present the Justis Blinebry is artificially lifted; the Justis Tubb-Drinkard is N.I.O.; and the Ellenburger is artificially lifted through a separate string of tubing.

The Justis Blinebry and Justis Tubb-Drinkard qualify for downhole commingling by Administrative Approval in accordance with Statewide Rule 303, Paragraph C; and in support thereof, the following facts are submitted:

1. The attached plat shows the A. B. Coates "C" Lease outlined in "Red". Well No. 18 is located 990' FEL and 1980' FSL of Section 24, T-25-S, R-37-E, Lea County, New Mexico and is circled in "Red" on the plat.
2. The well was triple completed in the Justis Blinebry, Justis Tubb-Drinkard and Justis Ellenburger Zones and approved by Commission Order No. R-2249 on June 4, 1962.
3. The latest tests are as follows:

JUSTIS BLINEBRY: On February 2, 1976, the well tested 17 BOPD, 20 EOPD, and 135 ACFGPD. Perforations 5160-5354'.

JUSTIS TUBB-DRINKARD: Presently NIO. Awaiting possible downhole commingling. Last test, 9-11-69, showed the well making 6 BOPD, 4 EOPD, and 19 ACFGPD, and a GOR of 1500 to 1. Perforations 5330-5912'.

WMOCC - Santa Fe, N.M.

Mr. Joe Ramsey

February 2, 1976

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The WMOCC C-116 for the Justis Blinbry is attached. These producing rates do not exceed the limits set out in paragraph C, (3), i.e. 30 BOPD.

4. Neither zone produces more water than the combined oil limit as determined in Rule 203, Paragraph C (d).
5. Attached is a downhole Schematic showing the present and proposed completion of Well No. 18.
6. Getty Oil Company has commingled the fluids at the surface for many years and has encountered no incompatibility problems; therefore, no reservoir damage will result from downhole commingling.
7. The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not reduce oil value.
8. The ownership of the zones to be commingled is common.
9. The production from both zones was/is by artificial lift. Bottom hole pressures are estimated at 500 and 300 psi for the Blinbry and Tubb-Drinkard Zones respectively. The commingled production will be artificially lifted.
10. Commingling in the well bore will not jeopardize the efficiency of future secondary operations in either zone.
11. Attached are production decline curves showing monthly production of oil and water for the Blinbry, Tubb-Drinkard, and Ellenburger Zones.
12. Verbal approval was given by the local U.S.G.S. (Mr. A. R. Brown) and the WMOCC District Office (Jerry Sexton).
13. Recommended oil and gas allotment would be as follows:

	<u>JUSTIS BLINBRY</u>	<u>JUSTIS TUBB-DRINKARD</u>
OIL	70%	30%
GAS	83%	12%
14.	Copies of this Application have been furnished to Offset Operators and to the U.S.G.S.	

Respectfully yours,
GETTY OIL COMPANY

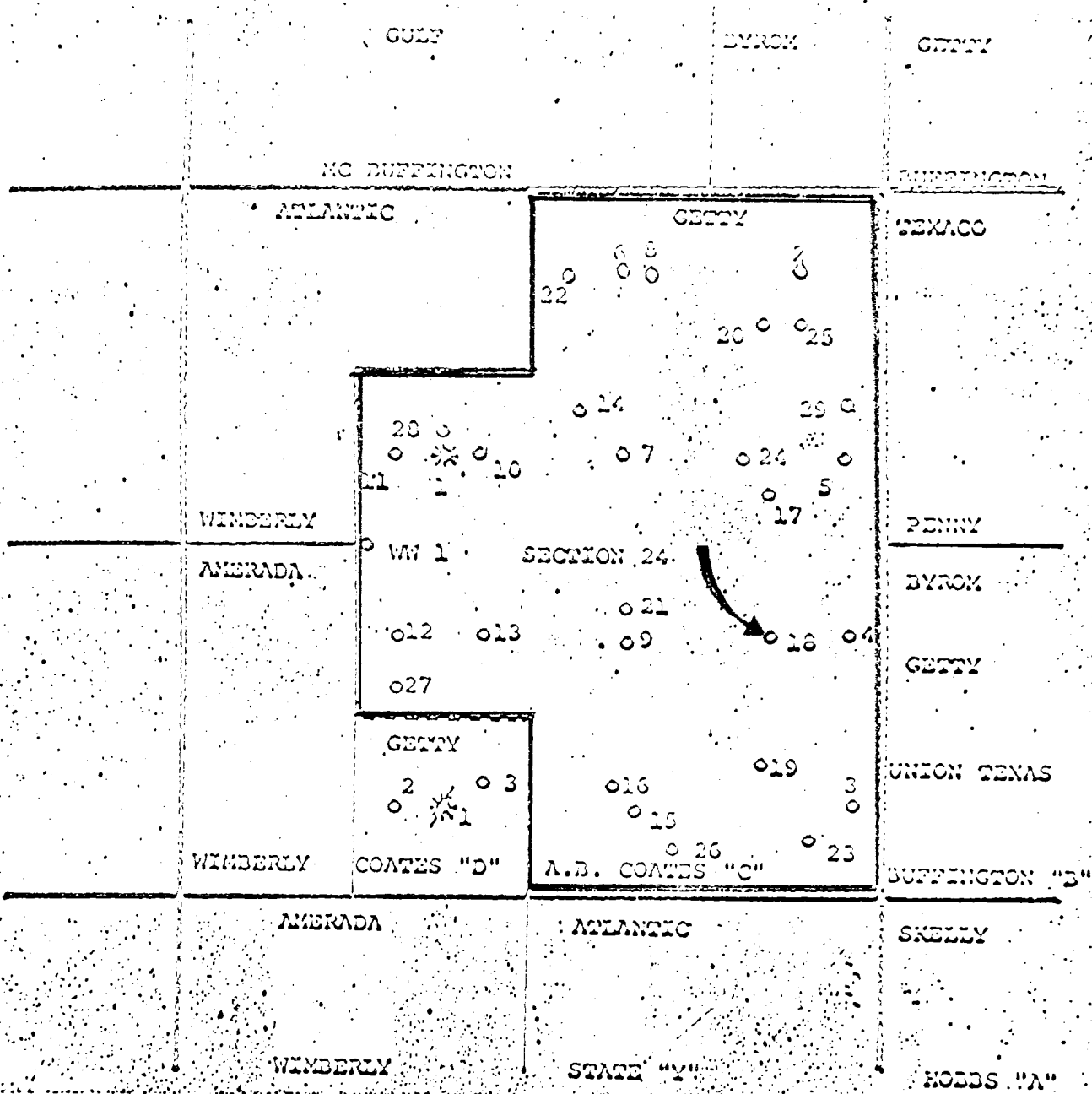
C. L. Wade
C. L. Wade
Area Superintendent

COPIES:

R-37-2



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25
S



GETTY OIL COMPANY

A. B. COATES "C" WELL NO. 13

JUSTIS BLENNERY-JUSTIS TULL-BRINKARD-JUSTIS

BLINDURGER

LEA COUNTY, NEW HAMPSHIRE

APPLICATION FOR DOWNHOLE CORRELATING

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

Form No. 1-1-65

Oil Company		Pool		County		TMA									
P. O. BOX 210, LOSOS, NEW MEXICO 88240		JUSTIS BLENNERY													
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	SCHEDULED	COMPLETION	GAS-OIL RATIO						
		U	S	T						R					
A. L. COMPTON "C"	18	I	24	25-S	37-E	2-2-76	D -	65	24	24	20	37.0	17	135	7,941
APPLICABLE TO DOWNSIDE COMPLETION															

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 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 favorable allowances when authorized by the Commission.

Gas volume 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.

Full original and one copy of this report to the district office of the New Mexico Oil Conservation Commission 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.

C. L. HARRIS: *[Signature]*
(Signature)

APPROVED: *[Signature]*
February 2, 1976
(Date)

1234/56

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

Form No. 1-1-1-10

WELL NAME		WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	CHOKED SIZE	TBGS PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT./HHR.
			U	S	T							WATER BLS.	GRAV. OIL BLS.	GAS M.C.F.	
A. B. CAVES "C"		10	1	24	25-6	37-12	9-11-69	P	60	9	24	4	38.6	6	10
														3,167	
APPLY WELLS FOR JOINT COMPLETING															

This well will be assigned an allowable greater than the amount of oil produced on the official test.

Testing of this well is the 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 more than 1. The order when with filed by the Commission.

Gas volume 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.

Shall set well and any copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 391 and applicable state rules.

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

C. L. Wado:

(Signature)

ADVIS. SUPERVISOR

(Title)

February 2, 1976

(Date)

ENG/AM

JANUARY 27, 1976

PROCEED



TD: 7300'

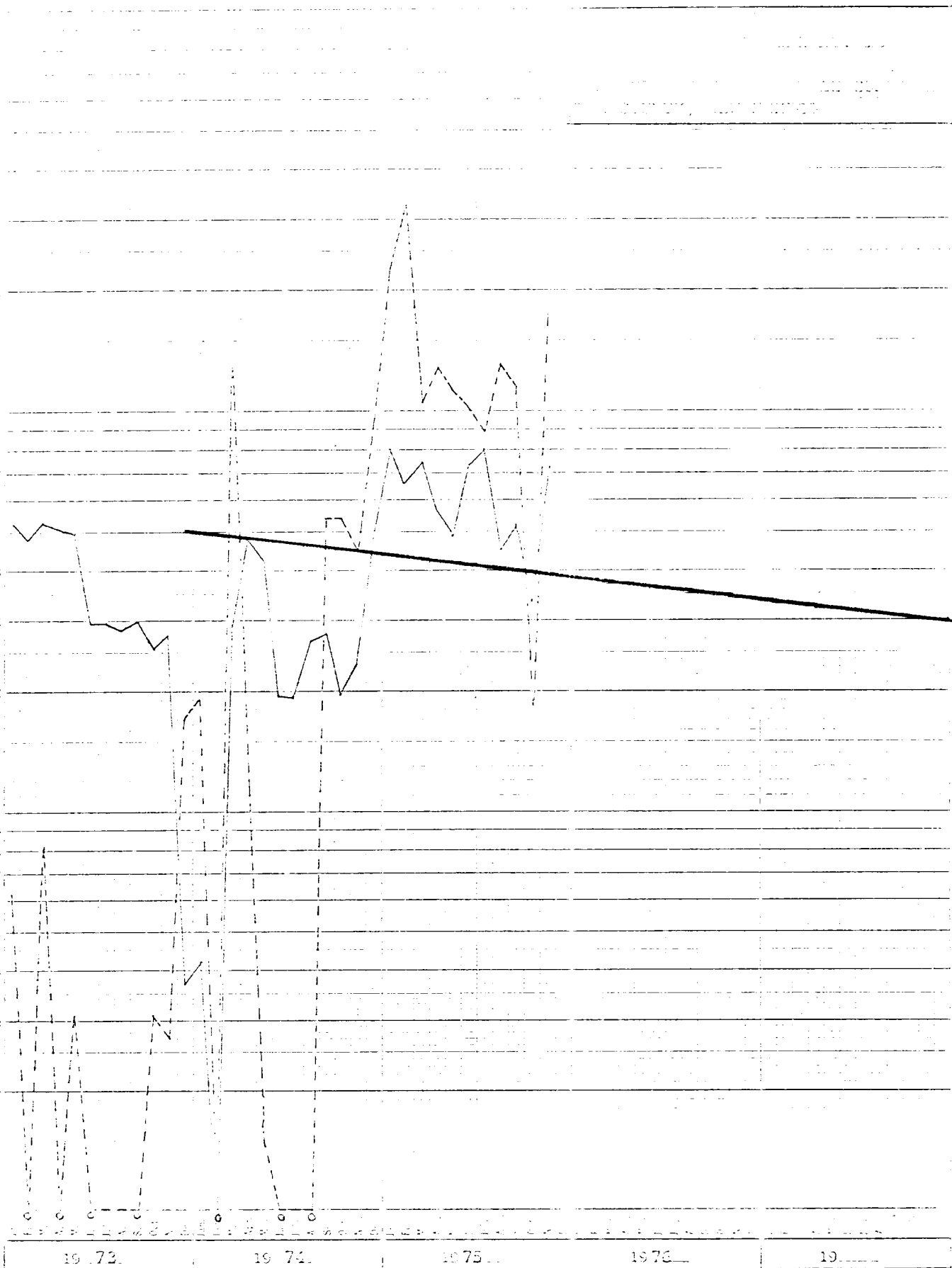
5 YEARS IN MONTHS 46 6600
 100 1000 CYCLES
 1000 10000 PERIOD

BBLS. PER MONTH

3,000

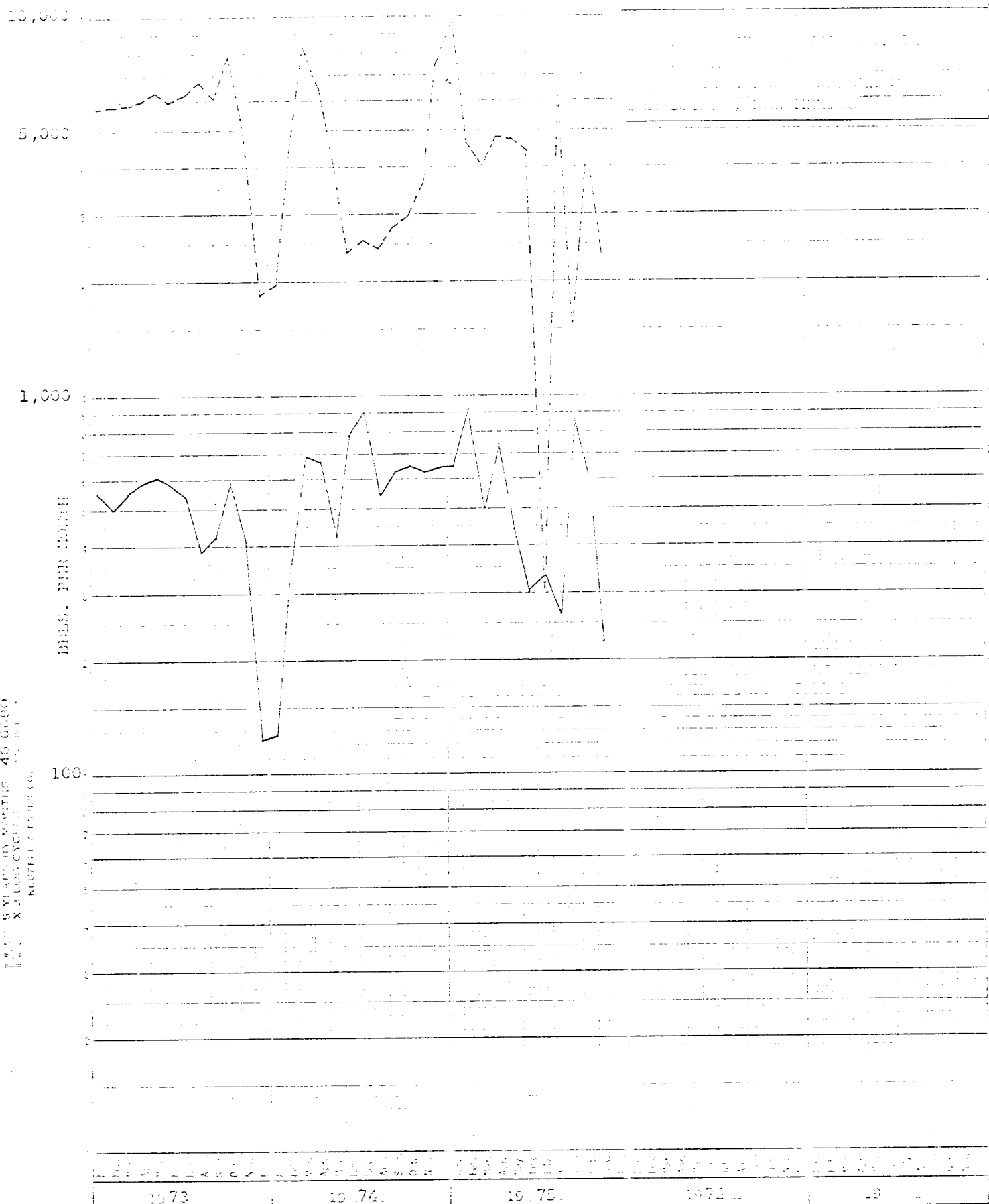
1,000

100



— OIL PRODUCTION
 - - - - - WATER PRODUCTION

5 YEARS BY MONTH 46 6600
 X 3 LOG CYCLES
 KUTCHUKO OIL CO.



— OIL PRODUCTION
 - - - - - WATER PRODUCTION

1.7 - 5 YEARS BY MONTHS 45 0000
 1.7 - X 3.100 CYCLES
 1.7 - 1.7 000000

3,000

2,000

1,000

BBS. PER MONTH

100

1967 1968 1969 1970

— OIL PRODUCTION
 - - - - - WATER PRODUCTION

No Water

No Water

No Water

No Water

No Prod.

6.4.12

GETTY OIL COMPANY
APPLICATION FOR DOWNHOLE COMMINGLING
A. B. CONTE "C" WELL NO. 18
LEA COUNTY, NEW MEXICO

OFFSET OPERATORS:

COPIES:

NMOCC
P.O. Box 1980
Hobbs, N.M. 88240

Atlantic Richfield
P.O. Box 1610
Midland, Texas 79701

W. K. Byrom
P.O. Box 147
Hobbs, N.M. 88240

USGS
P.O. Box 1157
Hobbs, N.M. 88240

Gulf Oil Corp.
P.O. Box 670
Hobbs, N.M. 88240

Texaco, Inc.
P.O. Box 728
Hobbs, N.M. 88240

Amerada Hess
P.O. Box 314
Midland, Texas 79701

Union Texas Petroleum
1300 Wilco Building
Midland, Texas 79701

Getty Oil Company
P.O. Box 1231
Midland, Texas 79701

FILE - Hobbs