



Getty Oil Company

MID-CONTINENT EXPLORATION AND PRODUCTION DIVISION

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P. O. Box 249
Hobbs, New Mexico 88240

August 19, 1975

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Joe Ramey

Re: Application for Downhole Commingling
GETTY OIL COMPANY
A. B. COATES "C" WELL NO. 23
JUSTIS BLINEBRY AND JUSTIS TUBB-DRINKARD POOLS
LEA COUNTY, NEW MEXICO

Gentlemen:

Getty Oil Company respectfully requests Administrative Approval for downhole commingling in it's A. B. Coates "C" Well No. 23, located in Lea County, New Mexico. At present the Justis Tubb-Drinkard side is NIO. The Justis Blinebry in No. 23 is being produced along with No. 19 Blinebry on the same proration unit, since their total production is less than an equivalent top allowable well.

This well qualifies for 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. 23 is located 330' FSL and 330' FEL 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 dually completed in the Justis Blinebry and Justis Tubb-Drinkard Pools and approved by Commission Order No. DC-1016 on December 4, 1960.
3. The latest tests are as follows:

JUSTIS BLINEBRY: On August 13, 1975, the well tested 6 BOPD, 3 BWPD, and 44 MCFGPD. Perforations 5192-5480'.

JUSTIS TUBB-DRINKARD: Presently NIO. Awaiting possible downhole commingling. Last test, 1-6-71, showed the well to be making 1 bbl./D oil, 0 bbl./D water, and a GOR 6,000 to 1. Perforations 5700-5924'.

The NMOCC C-116 for the Blinebry is attached. These producing rates do not exceed the limits set out in Paragraph C, (b), i.e. 30 BOPD.

4. Neither zone produces more water than the combined oil limit as determined in Rule 303, Paragraph C (d).
5. Getty Oil Company has commingled the fluids @ the surface for many years and has encountered no incompatibility problems; therefore, no reservoir damage

Application for Downhole Commingling - A.B. COATES "C" WELL NO. 23
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August 19, 1975

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damage will result from downhole commingling.

6. The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not reduce oil value.
7. The ownership of the zones to be commingled is common.
8. Attached are production decline curves showing monthly production of oil and water for the two zones of interest.
9. The production from both zones was by artificial lift. Bottom hole pressures are estimated at 500 and 300 psi for the Blinebry and Tubb-Drinkard Zones respectfully.
10. Commingling in the well bore will not jeopardize the efficiency of future secondary operations in either zone.
11. Permission to commingle the Justis Tubb-Drinkard and the Justis Blinebry on the same proration unit in No. 19 was granted by the NMOCC August 22, 1974 by Administrative Order DHC-148. Total oil production from each zone will be marginal.
12. Copies of this Application have been furnished to offset operators and to the USGS.
13. Recommended oil and gas allotment would be as follows:

	<u>JUSTIS BLINEBRY</u>	<u>JUSTIS TUBB-DRINKARD</u>
Oil	85%	15%
Gas	85%	15%

Respectfully yours,
GETTY OIL COMPANY

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

HAO-EJM/bh
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

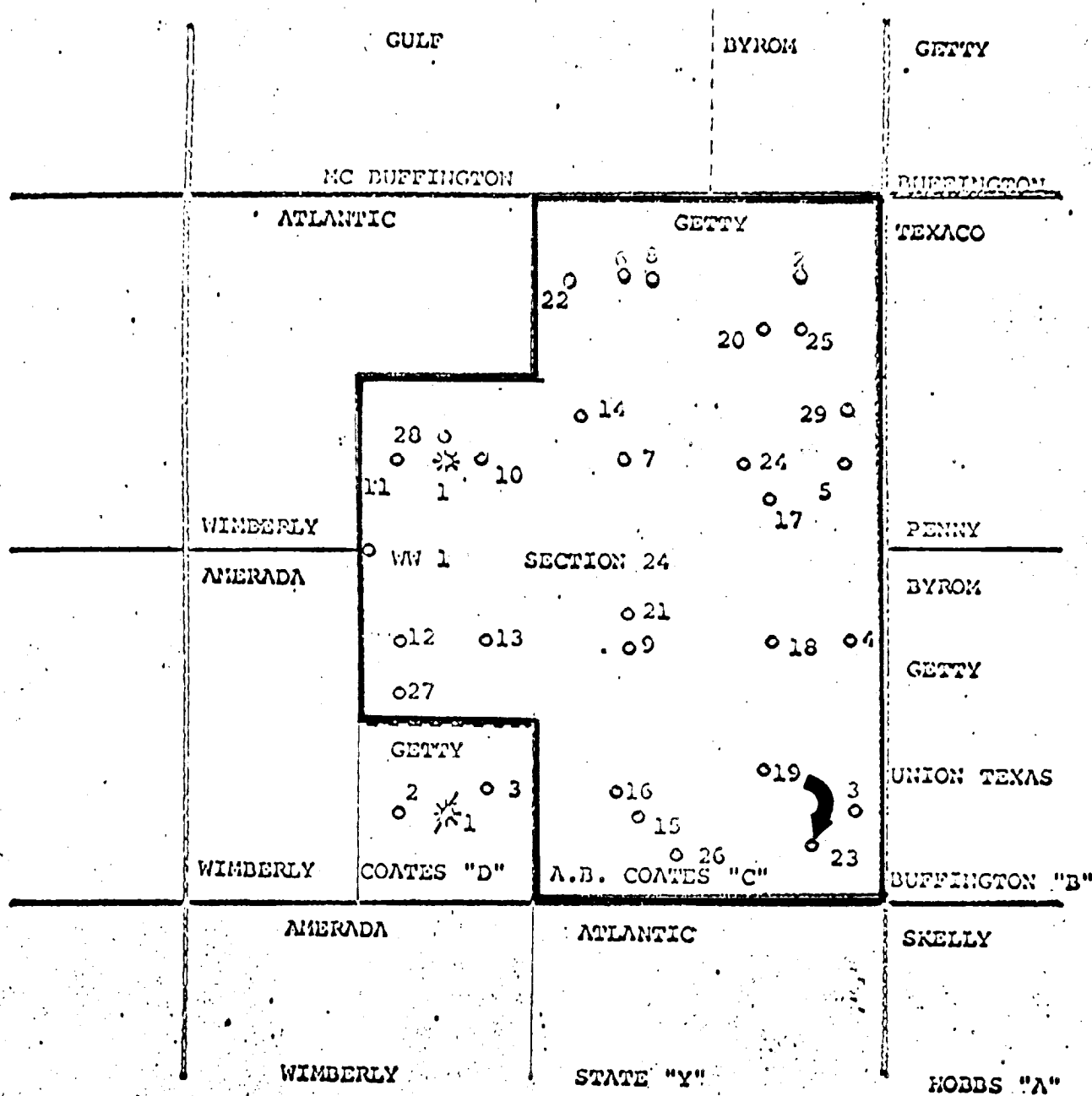
Amerada Hess
P.O. Box 314
Midland, Texas 79701

Union Texas Petroleum
1300 Wilco Building
Midland, Texas 79701

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

FILE - Hobbs

R-37-E



A. B. COATES "C" WELL NO. 23
JUSTIS BLINEBRY & JUSTIS TUBB-DRINKARD POOLS
LEA COUNTY, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-1116
Revised 1-1-65

Operator GETTY OIL COMPANY		Pool JUSTIS BLINEBRY		County LEA											
Address P.O. BOX 249, HOBBS, NEW MEXICO 88240		TYPE OF TEST - (X) <input type="checkbox"/> Scheduled <input type="checkbox"/> Completion <input checked="" type="checkbox"/> Special		Spectral <input checked="" type="checkbox"/>											
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./BBL.		
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.
A. B. COATES "C"	23	P	24	25-S	37-E	8-13-75	P -	75	26	24	3	37.1	6	44	7,333
APPLICATION FOR DOWNHOLE COMMINGLING															

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.

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

C.L. Wade: *C.L. Wade*
(Signature)
AREA SUPERINTENDENT

August 13, 1975
(Date)

HAO/bh

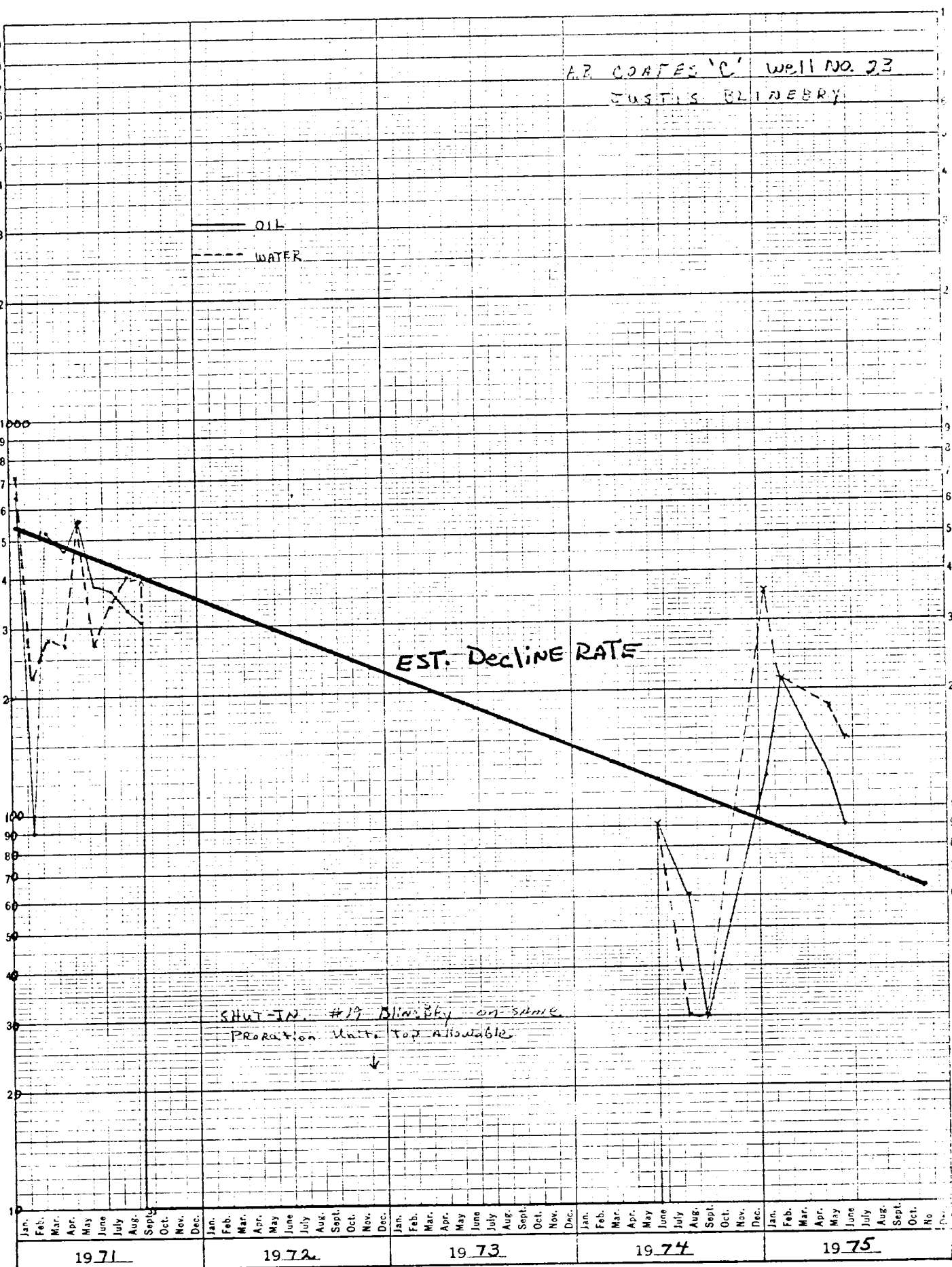
BBL/Mo.

A.P. COATES 'C' Well NO. 23
 JUSTIS BLINERY

— OIL
 - - - WATER

EST. Decline RATE

SHUT-IN #19 Blinery on same
 Production Units Top Allowable



A.B. COATES' C Well No. 23
 JUSTIS Tubb - DRINKER

— OIL
 - - - WATER

BBH/MO.

EST. DECLINE
 RATE

