

ARCO Oil and Gas Company

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



August 17, 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 #8
Section 25, T-25-S, R-37-E
Lea County, New Mexico
Application to downhole commingle the
Blinebry and Fusselman 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. 8, located in Section 25, T-25-S, R-37-E, of Lea County, New Mexico.

Lease 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 change in value will result from commingling the production downhole. Ownership of both zones is common, and commingling will not violate correlative rights.

State Y No. 8 is producing from the Fusselman zone below a packer. Production is 6 BOPD + 4 BWPD + 11 MCFPD with an estimated bottom hole pressure of 896 psig.

The Blinebry zone is shut-in. Commingling will allow reserves to be recovered which would otherwise be unrecoverable. The Blinebry is estimated to produce 6 BOPD + 0 BWPD + 6 MCFPD after commingling, from a bottom hole pressure of 200 psig. The commingled production will be placed on artificial lift.

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Additional information, as required by Rule 303-C; decline curves, Form C-116, List of Offset Operators, and lease and well information, is included. A copy of this application is being sent to all offset operators by registered mail as notification of this proposal.

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
Area Supervisor
New Mexico Oil Conservation Division
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: State Y #8
1980' FNL & 990' FEE
Sec. 25, T-25-S, R-37-E
Lea County, New Mexico
3. Producing zones: Fusselman - Pump
Blinebry - Shut-in
4. Current Production:
Fusselman - Oil - 6 BOPD
Water - 4 BWPD
Gas - 11 MCFPD
5. Commission Number Authorizing Dual Completion:
DC-782-A
6. Fluid Compatibility and value: Lease 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. Bottom Hole Pressures: Fusselman - 896 psig
Blinebry - 200 psig
9. Offset Operators are being notified by registered mail with a copy of this application.

LIST OF OFFSET OPERATORS

Amerada Hess Corporation
Drawer 817
Seminole, Texas 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 Texas Petroleum
1300 Wilco Bldg.
Midland, Texas 79701

NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-118
Revised 1-1-65

Operator		Pool		County		Lea									
ARCO Oil & Gas Company		Justis Fusselman													
Division of Atlantic Richfield Company															
Address		P.O. Box 1710, Hobbs, New Mexico 88240		Type of Test - (X)		Schedul ☐									
				Special ☒		Completion ☐									
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/BSL
		U	S	T	R						WATER BSL.	GRAV. OIL	OIL BSL.	GAS M.C.F.	
State "Y"	8	H	25	25S	37E	7-19-79	P		13	24	4	38.0	6	11	1833
Above test is 24 hr. productivity test preparatory to commingling downhole w/Justis Blinberry 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 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.

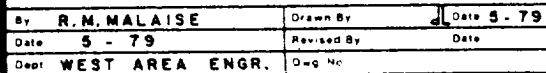
Well original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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

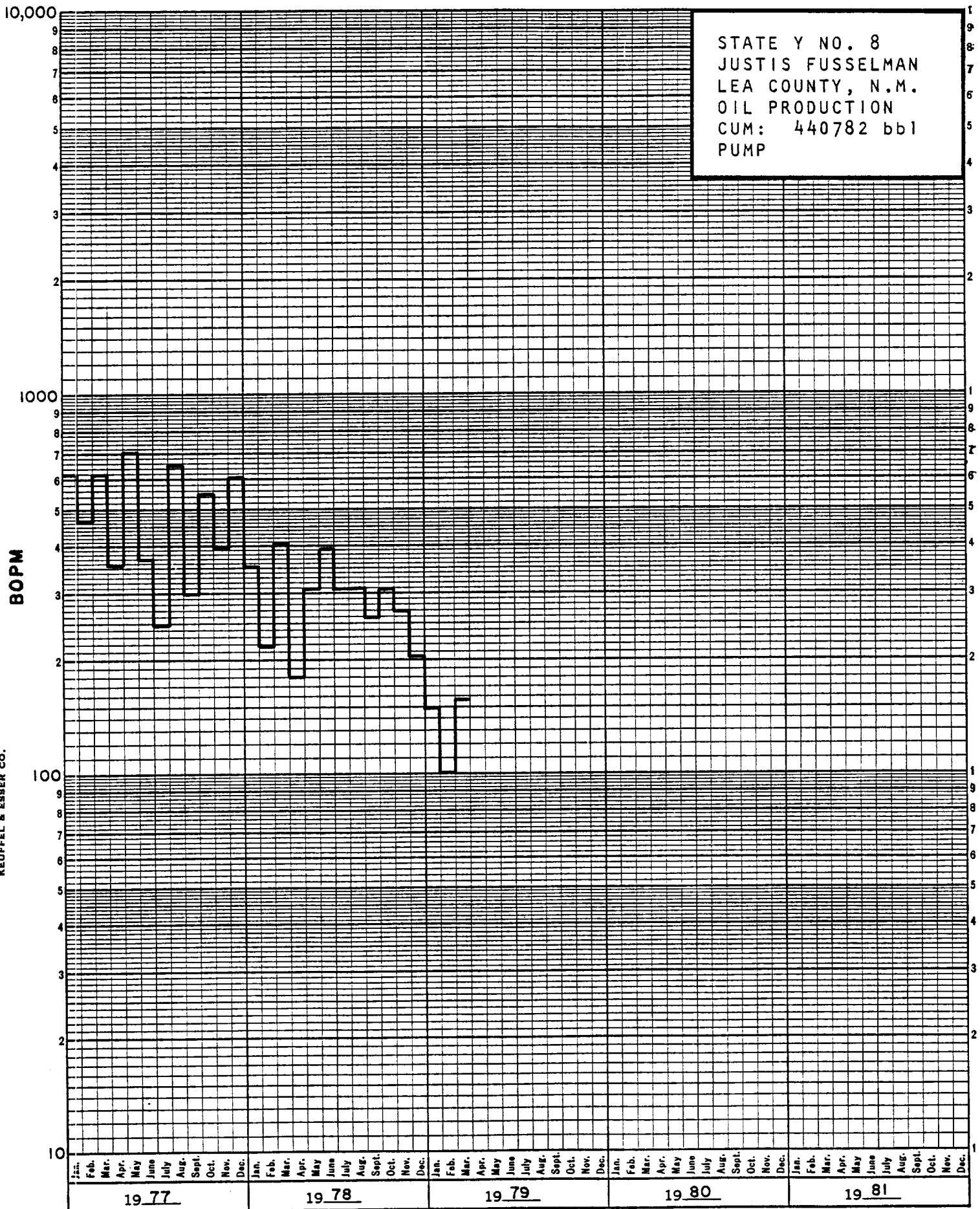
[Signature]
(Signature)

Engrg. Tech. Spec.
(Title)

R 38 E



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



10,000,

STATE Y NO. 8
JUSTIS-FUSSELMAN
LEA COUNTY, N.M.
GAS PRODUCTION

MCFPM

1,000

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[illegible]

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1981

K₃E 5 YEARS BY MONTHS
X 3 LOG CYCLES 46 6693
MADE IN U. S. A. •
KEUFFEL & ESSER CO.

