



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

11-1-94

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

DHC-106D

RE: Proposed:

MC _____
DHC X _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Exxon Co New Mexico State #13-B 2-22-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK *[Signature]*

Yours very truly,

[Signature]
Jerry Sexton
Supervisor, District 1

/ed

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

MIDLAND PRODUCTION ORGANIZATION

OPERATIONS INTEGRITY

October 25, 1994

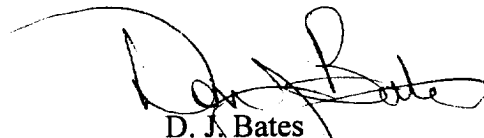
Exception to Rule 303-A
(Rule 303-C Downhole Commingling)
New Mexico -S- State #13
API #30-025-09962
Unit B, Section 2, T22S, R37E
#13L Drinkard (Gas)
#13U Tubb Oil & Gas (Gas)

New Mexico Oil Conservation Division
State Land Office Building
P.O. Box 2088
Santa Fe, New Mexico 87504

Exxon respectfully request a downhole commingle order for the aforementioned well. Enclosed is the DHC Order Request for your review and approval as required by NMOCD Rule 303, paragraph "D", items 1 through 10.

If you have any questions, please call me at (915) 688-7874.

Sincerely,



D. J. Bates
Administrative Specialists

DJB:mym
Enclosure
10\msst13.ltr

LIST OF OFFSET OPERATORS TO BE NOTIFIED.
LEASE: NEW MEXICO -S- STATE IN LEA COUNTY, NEW MEXICO

Cross Timbers Operating Company
810 Houston St., Ste. 2000
Forth Worth, Texas 76102-6298

John H. Hendrix Corporation
223 W. Wall, Ste. 525
Midland, Texas 79701-4519

• Marathon Oil Company
P.O. Box 552
Midland, Texas 79702

Texaco Exploration & Production Inc.
P.O. Box 3109
Midland, Texas 79702-3109

New Mexico S State #13

Downhole Commingling - Required Data

To obtain approval for downhole commingling, we have enclosed the following data pursuant to Rule 303 (c) (2) (a through j):

a. Name and address of operator:

Exxon Co. USA
P. O. Box 1600
Midland, TX 79702

b. Lease name, well number, well locations, name of commingled pools:

Lease: New Mexico S State
Well: #13
Location: Sec. 2, T-22-S, R-37-E
Pools: Tubb, Drinkard

c. Plat:

A plat of the area showing acreage dedication is enclosed.

d. Form C-116 showing 24-hour productivity tests from each zone:

Tests for #13U - Tubb and #13L - Drinkard are enclosed.

e. Production decline curves:

Production decline curves for both zones are enclosed.

f. Bottom-hole pressures:

The following bottom-hole pressures were estimated by shooting fluid levels and measuring wellhead pressures.

Drinkard: 585 psi
Tubb: 600 psi

The Drinkard formation was shut-in for 2 weeks and the Tubb formation was shut-in for 5 days.

g. Description of fluid characteristics:

Produced fluids are already surface commingled with no compatibility problems.

h. Computation showing the value of the commingled production:

All of the crude and condensate currently produced from the Tubb and Drinkard pools is currently being surface commingled into a common stock tank, and sold as a mixture. All gas well gas is being sold to the same purchaser at the same price.

i. Formula for the allocation of production:

Drinkard: 50% Gas and 50% Condensate

Tubb: 50% Gas and 50% Condensate

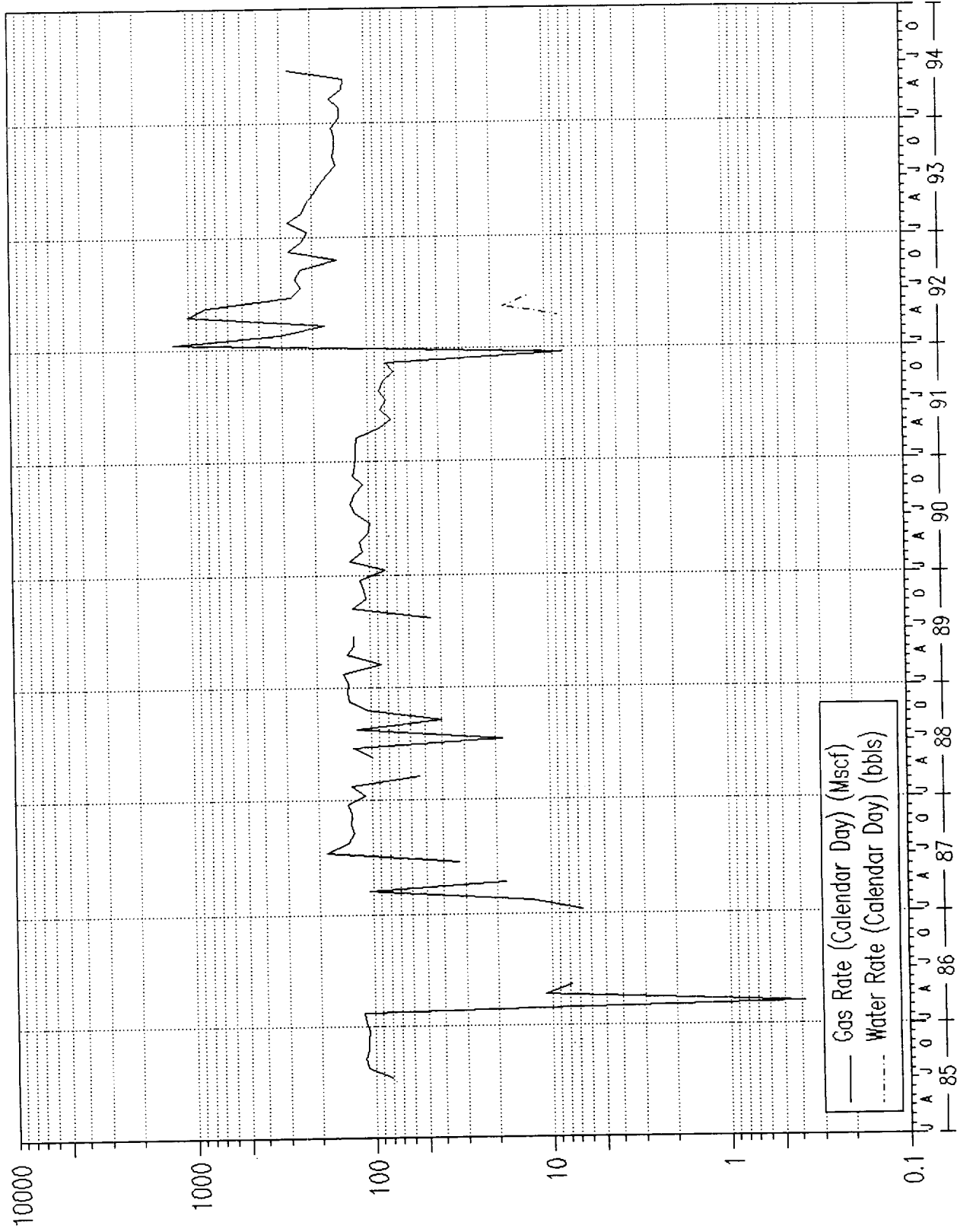
j. Statement that all offset operators have been notified of the proposed commingling:

By copy of this letter, we are notifying the offset operators of this proposed commingling.

New Mexico "S" State

0013U

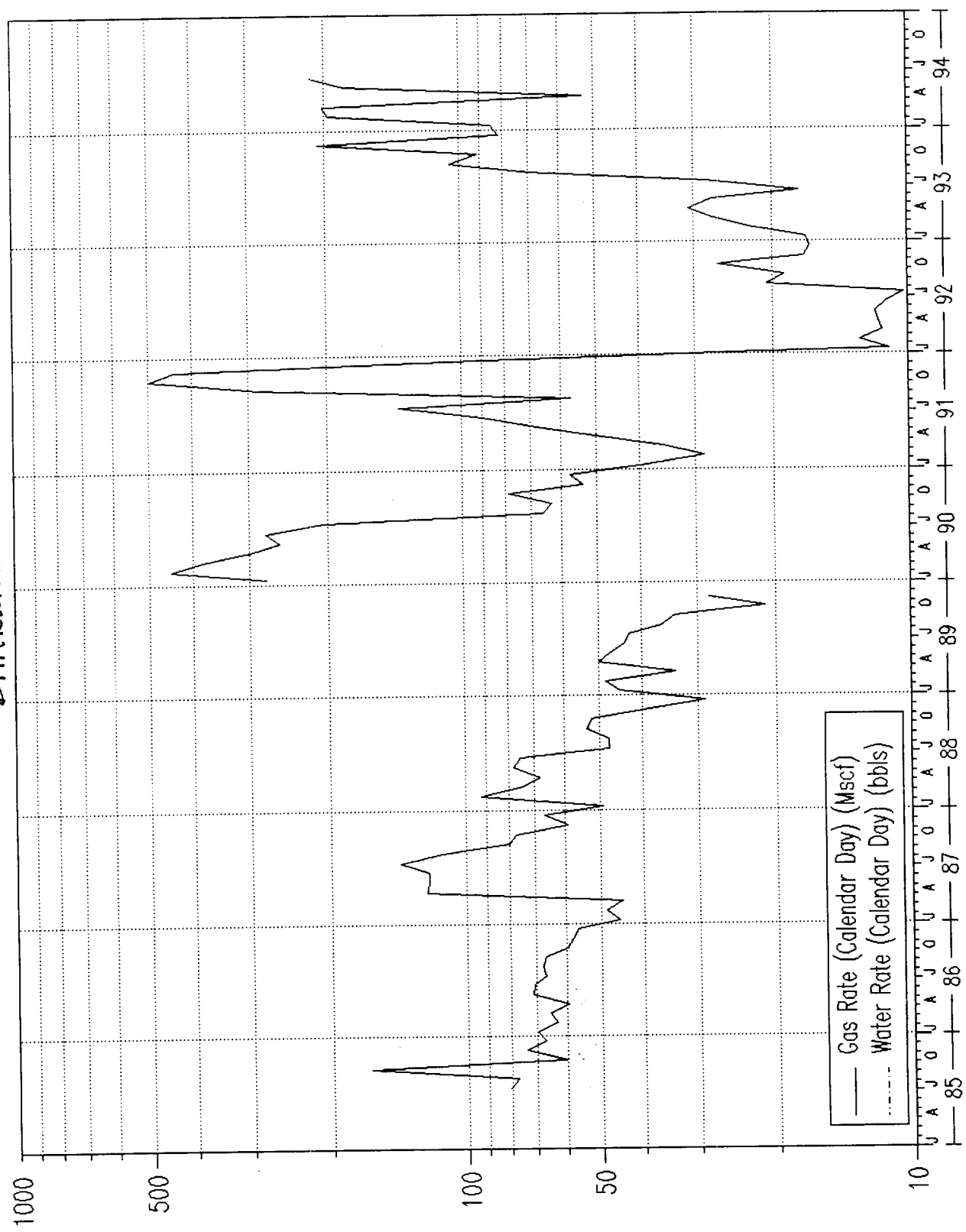
Tubb Pool



New Mexico "S" State

0013L

Drinkard Pool



Submit 2 copies w/ Appropriate
District Office.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-116
Revised 1/1/89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

TEST PERIOD - AUGUST, SEPTEMBER, OCTOBER

Operator	EXXON CO., U.S.A.	TUBB OIL & GAS		County		LEA								
CONTROLS ACCOUNTING, CDB - ML12		TYPE OF TEST - (X)		Completion		Special								
Address		P.O. BOX 1600, MIDLAND, TX 79702		SCHEDULED										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - O. RATIO CU.FT/BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
New Mexico 'S' State	13U	B	2	22	37	10-27-93	F			24	0	0	205	—
	20	E	2	22	37	10-29-93	F			24	1	4	456	114
	21	L	2	22	37	9-24-93	F			24	0	0	234	—
	23L	P	2	22	37	10-30-93	F			24	0	0	458	—
F. F. Hardison B	5	O	27	21	37	10-26-93	F			24	6	2	377	187
J. L. Greenwood	10	P	9	22	37	9-23-93	P			24	3	1.3	40	307/69
Tubb Gas Com No. 1	1	O	10	21	37	SI								

Instructions:

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 Division.

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.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Judy M. Bagwell
Signature

Judy M. Bagwell, Sr. Staff Office Asst.
Printed name and title

11-3-93
Date

(915) 688-6663

Telephone No.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brasos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09962	Pool Code 19190	Pool Name DRINKARD
Property Code 004198	Property Name NEW MEXICO "S" STATE	Well Number 13
OCRD No. 007673	Operator Name Exxon Corporation	Elevation ± 3376

Surface Location

UL or lot no. B	Section 2	Township 22-S	Range 37-E	Lot Idn	Feet from the 660'	North/South line NORTH	Feet from the 1980'	East/West line EAST	County LEA
--------------------	--------------	------------------	---------------	---------	-----------------------	---------------------------	------------------------	------------------------	---------------

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNIT. ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

												OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature: <u>C.H. Harper</u> Printed Name: <u>C.H. Harper</u> Title: <u>Permits Supervisor</u> Date: <u>9/30/94</u>	
SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey: <u>5/5/46</u> Signature and Seal of Professional Surveyor: Certificate Number:													

Distance to nearest Town 1.6 Miles SE of EUNICE, New Mexico.	Drawn By S.R. PATTERSON	Date 9/27/94	Drawing File Name File No.: A01839y
---	----------------------------	-----------------	--

