

DISTRICT I
P.O. Box 1880, Hobbs, NM 88240
DISTRICT II
611 South First St., Artesia, NM 88210
DISTRICT III
1900 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-8429

Form C-107-A
New 3-12-86

APPROVAL PROCESS:

Administrative ☐ Hearing ☐

EXISTING WELLBORE

YES ☐ NO ☐

APPLICATION FOR DOWNHOLE COMMINGLING

Operator: Cross Timbers Operating Company, 3000 N. Garfield, Suite 175, Midland, TX 79705

Well No. Dewey Unit No. 41 I-5-205-387 Leas County

OGD ID NO. 005380 Property Code 018306 API NO. 30-025-27484 Federal ☐ State ☐ Landlord Fee ☒

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	Nadine Paddock, Blinebry, West 47400		Nadine Drinkard, West 47505
2. Top and Bottom of Pay Section (Perforations)	5,960'-6,067'		6,877'-7,009'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)			Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 1100 psig b. (Original)	a. b.	a. 1785 psig b.
6. Oil Gravity ($^{\circ}$ API) or Gas BTU Content	36.5		34.5
7. Producing or Shut-in?	Shut-In		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-in, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data * If Producing, give date and oil/gas/water rates of recent test (within 90 days)	Date: 6-8-97 Rates: 7/1/45	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 58 % Gas: 15 %	Oil: % Gas: %	Oil: 42 % Gas: 85 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☐ Yes ☐ No
15. NMOC Reference Cases for Rule 303(C) Exceptions: ORDER NO(S) _____
16. ATTACHMENTS:
 * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 * Production curve for each zone for at least one year. (If not available, attach explanation.)
 * For zones with no production history, estimated production rates and supporting data.
 * Data to support allocation method or formula.
 * Notification list of all offset operators.
 * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE E. Terry Perkins, Jr. TITLE SE. RESERVOIR ENG. DATE 9.5.97

TYPE OR PRINT NAME E. TERRY PERKINS, JR. TELEPHONE NO. (512) 877-2360

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PO Box 1980, Hobbs, NM 88241-1980

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1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-27484		Pool Code 47505	Pool Name Nadine Drinkard, West
Property Code 018306	Property Name Dewey		Well Number 1
GRID No. 005380	Operator Name Cross Timbers Operating Company		Elevation 3581

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
J	5	20S	38E		1980	South	1980	East	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 40.00		Joint or Infill N		Consolidation Code		Order No.			

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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>[Signature]</i> Signature F. Terry Perkins, Jr. Printed Name SR. RESERVOIR ENG. Title 9.5.97 Date	
	SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor:	
	Certificate Number	

Cross Timbers Oil Company

DEWEY 1
CROSS TIMBERS
NADINE W (BLINEBRY W)
LEA, NEW MEXICO
05J 20S 38E
FTP
CO
X5J00B

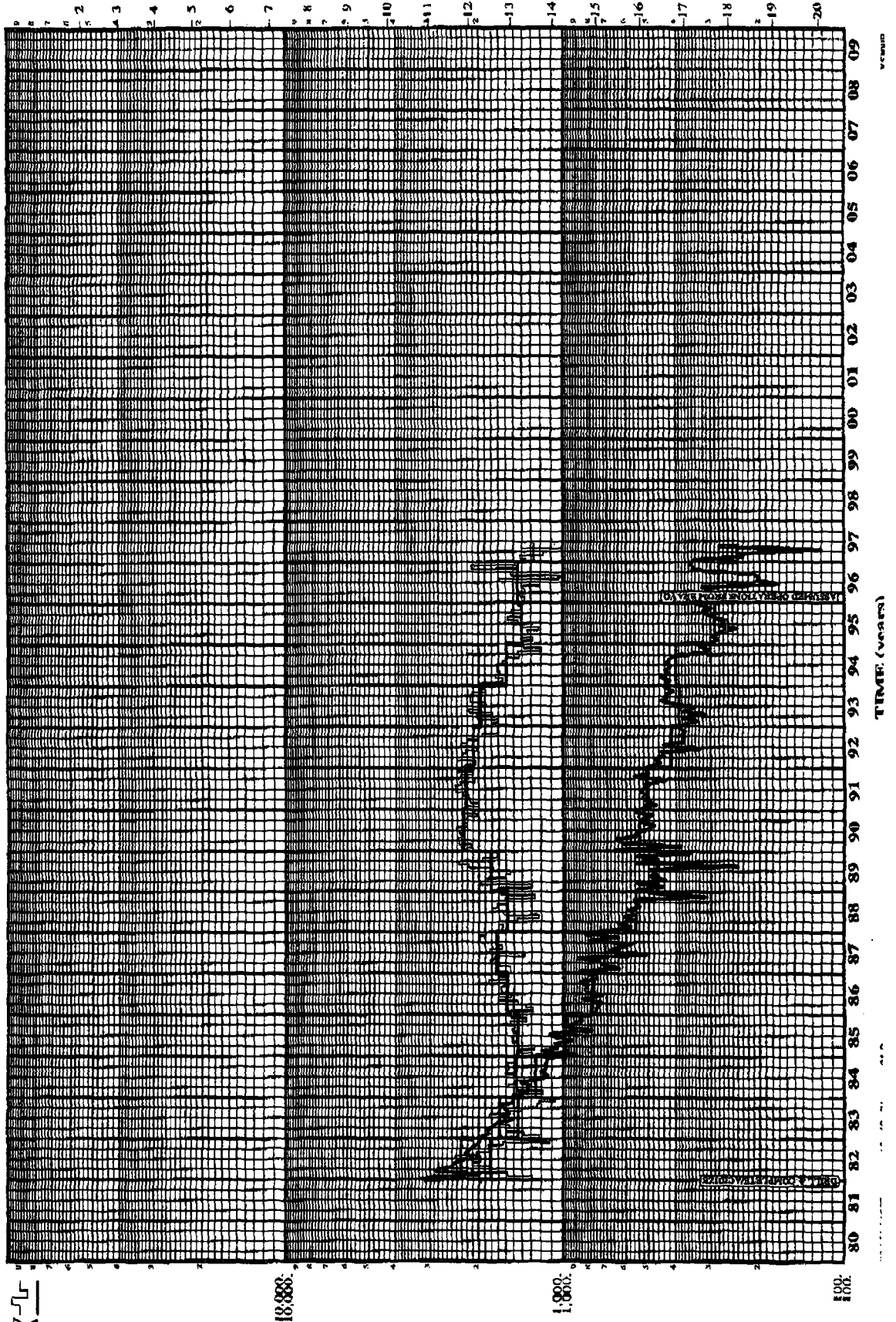
PERMIAN BASIN
25030

RPM JEB CP-AW

M & L - FORECAST

Run Date:
Run Time:

GAS (mcf/mm) ∇ $\square$
OIL (bbl/mm) Δ $\square$



Cross Timbers Oil Company

DEWEY 1
CROSS TIMBERS
NADINE W (DRINKARD)
LEA, NEW MEXICO
OSI 20S 38E
FTP
CO
N97079

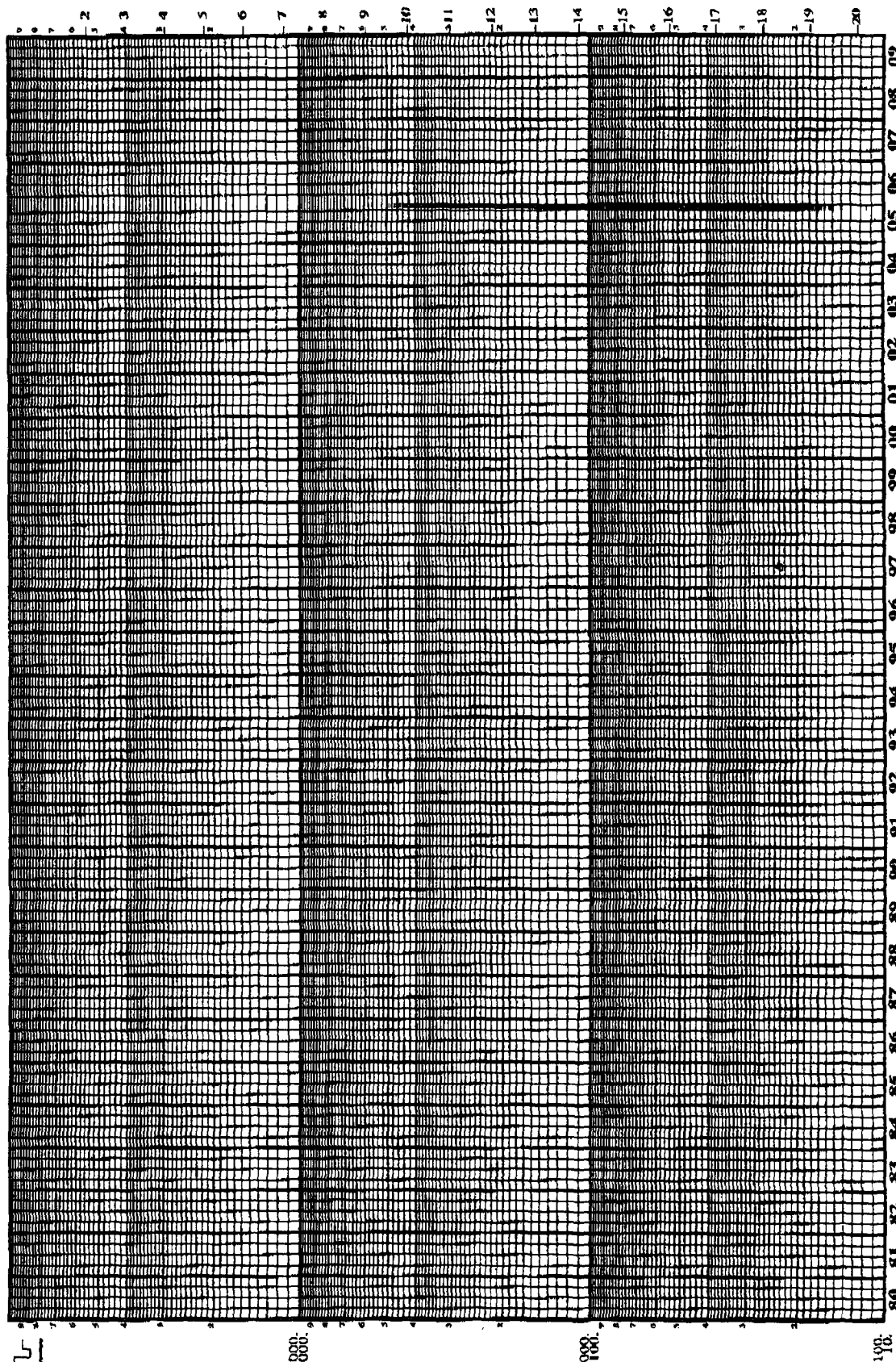
PERMIAN BASIN
25030

RFM JEB CP-AW

M & L - FORECAST

Run Date:
Run Time:

CLAS (mcf/day) V
OIL (bbl/day) Δ



TIME (years)

UNIT

**Cross Timbers Operating Company
Attachment to Form C-107-A
Application for Downhole Commingling
Dewey #1**

16. **Production from the Nadine Drinkard, West Pool began in June 1997. Therefore, there is not a one year production curve available. A current well test from this Pool is listed on the Form C-107-A.**

OFFSET OPERATORS
DEWEY #1
J-5-T20S-R38E
Lea County, New Mexico

Tamarack Petroleum Company, Inc.
500 West Texas, Suite 1485
Midland, Texas 79701

The above listed offset operator has been notified by Certified Mail of Cross Timbers Operating Company's Application for Downhole Commingling the Nadine Paddock Blinbry, West (47400) and Nadine Drinkard, West (47505) Pools in the Dewey #1.

P 268 416 079

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Tamarack Petroleum Co. Inc.	
Street & Number	
500 W. Texas, Ste. 1485	
Post Office, State, & ZIP Code	
Midland, TX 79701	
Postage	\$ 0.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	
9-4-97	

PS Form 3800, April 1995

Fold at line overlap of envelope to the right of the return address

CERTIFIED

P 268 416 079

MAIL



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

RAC

GOVERNOR

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

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

RE: Proposed:

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

Gentlemen:

I have examined the application for the:

<u>CROSSTIMBERS</u>	<u>DEWEY #1</u>	<u>J</u>	<u>5-20-38</u>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

Recommend approval

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed