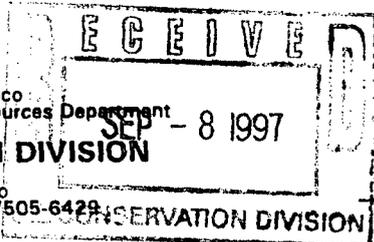


DHC 9/29/97

1683

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 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 87505-6429



Form C-107-A
New 3-12-96
APPROVAL PROCESS:
Administrative Hearing
EXISTING WELLBORE
 YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

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

Operator Moby Address 3000 N. Garfield, Suite 175, Midland, TX 79705
Well No. #1 Unit Ltr. - Sec - Twp - Rge D-7-20S-38E
County Lea

OGRID NO. 005380 Property Code 18318 API NO. 30-025-28036 Spacing Unit Lease Types: (check 1 or more)
Federal State (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	Monument Tubb 47090		Nadine Drinkard West 47505
2. Top and Bottom of Pay Section (Perforations)	6,502'-6,596'		6,826'-6,885'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 1500 psig	a.	a. 1000 psig
	b. (Original)	b.	b.
6. Oil Gravity (°API) or Gas BTU Content	37		36
7. Producing or Shut-In?	Producing		Shut-In
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 60 days)	Date: Rates:	Date: Rates:	Date: 3-10-97 Rates: 3/1/24
	Date: 7-20-97 Rates: 16/6/41	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 84 % Gas: 63 %	Oil: % Gas: %	Oil: 16 % Gas: 37 %

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. NMOCD 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 Ray F. Martin TITLE Operations Engineer DATE 8-22-97

TYPE OR PRINT NAME Ray F. Martin TELEPHONE NO. (915) 682-8873

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

District II
811 South First, Artesia, NM 88210

District III
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

¹ API Number 30-025-28036		² Pool Code 47090		³ Pool Name Monument Tubb	
⁴ Property Code 18318		⁵ Property Name Moby			⁶ Well Number 1
⁷ OGRID No. 005380		⁸ Operator Name Cross Timbers Operating Company			⁹ Elevation 3562

¹⁰Surface Location

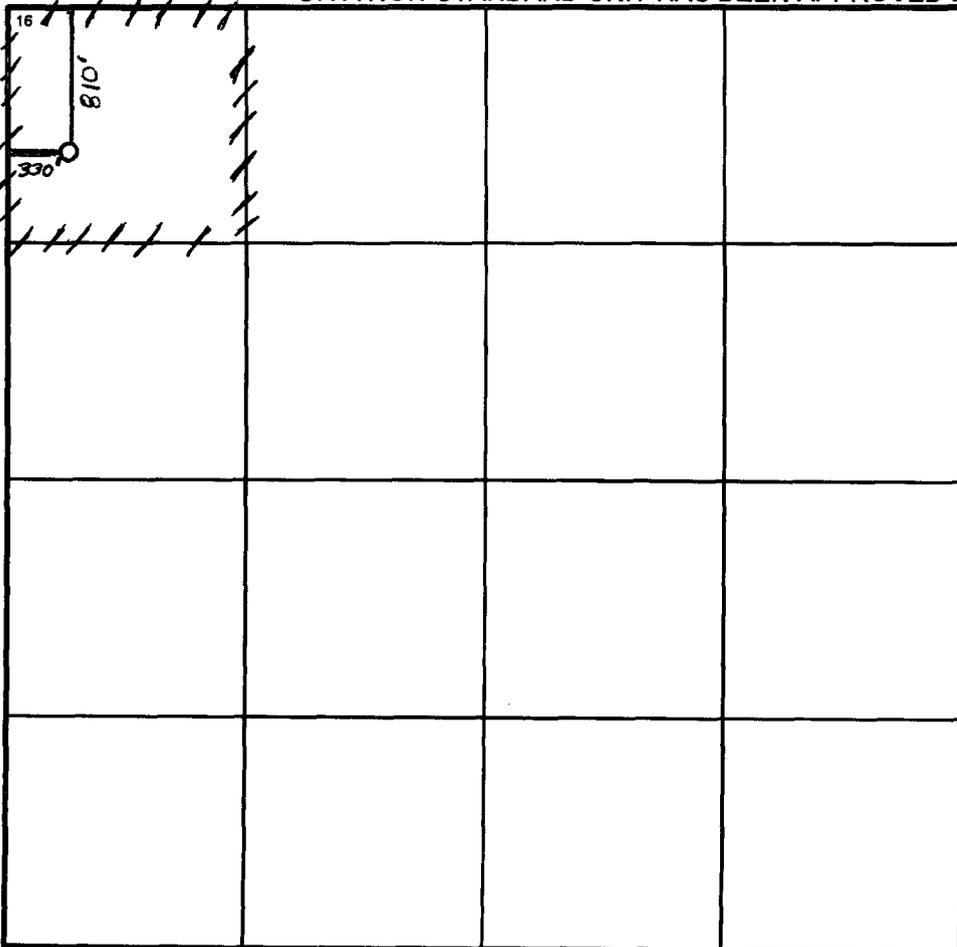
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
D	7	20S	38E		810	North	330	West	Lea

¹¹Bottom 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

¹² Dedicated Acres 40.00	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No. NSP-1772
--	------------------------------------	----------------------------------	-------------------------------------

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



¹⁷OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Ray F. Martin
Signature

Ray F. Martin
Printed Name

Operations Engineer
Title

08-22-97
Date

¹⁸SURVEYOR 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 Surveyer: _____

Certificate Number _____

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

District II
811 South First, Artesia, NM 88210

District III
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

¹ API Number 30-025-28036		² Pool Code 47505	³ Pool Name Nadine Drinkard West	
⁴ Property Code 18318	⁵ Property Name Moby			⁶ Well Number 1
⁷ OGRID No. 005380	⁸ Operator Name Cross Timbers Operating Company			⁹ Elevation 3562

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
D	7	20S	38E		810	North	330	West	Lea

¹¹Bottom 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

¹² Dedicated Acres 40.00	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ 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

	¹⁷ OPERATOR CERTIFICATION		
	<p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Ray F. Martin</i></p> <p>Signature</p> <p>Ray F. Martin</p> <p>Printed Name</p> <p>Operations Engineer</p> <p>Title</p> <p>08-22-97</p> <p>Date</p>		
	¹⁸ SURVEYOR CERTIFICATION		
<p><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></p> <p>_____</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>_____</p> <p>Certificate Number</p>			

AUG 25 1997

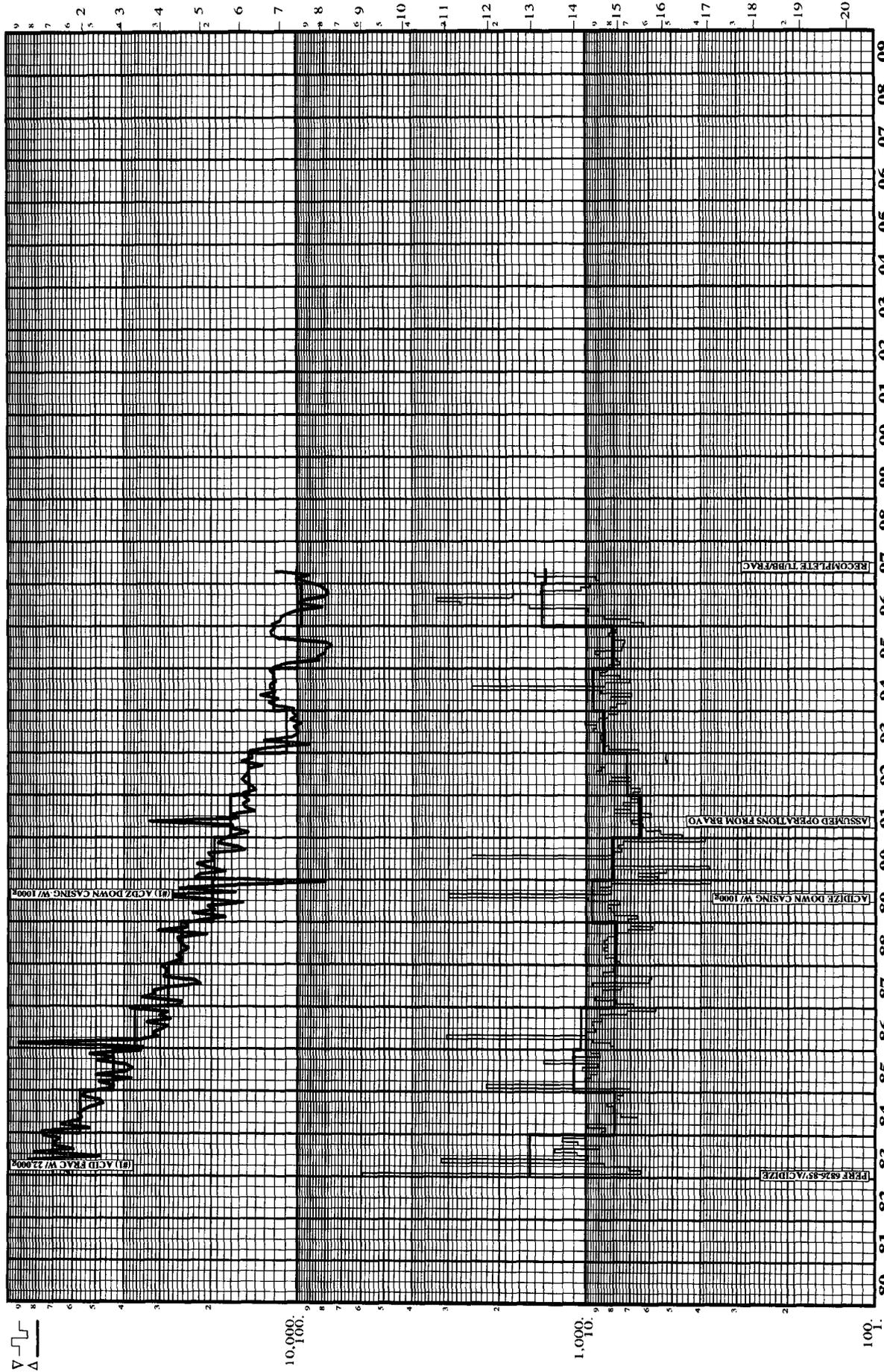
Cross Timbers Oil Company

MOBY 1
 CROSS TIMBERS
 NADINE W (DRINKARD W) (INA)
 LEA, NEW MEXICO
 07D 20S 38E
 FTP
 PERMIAN BASIN
 25200

CO
 07D00D
 M & L - 1997 FORECAST
 RFM JEB CP-AW

Run Date : 03/06/97
 Run Time : 15:11:34

GAS (mcf/mo) ▽
 OIL (bbls/mo) △



AUG 25 1997

CO
N97045

MOBY 1

CROSS TIMBERS
Monument ~~WARRICK~~ (TUBB)
LEA, NEW MEXICO
07D 20S 38E
FTP

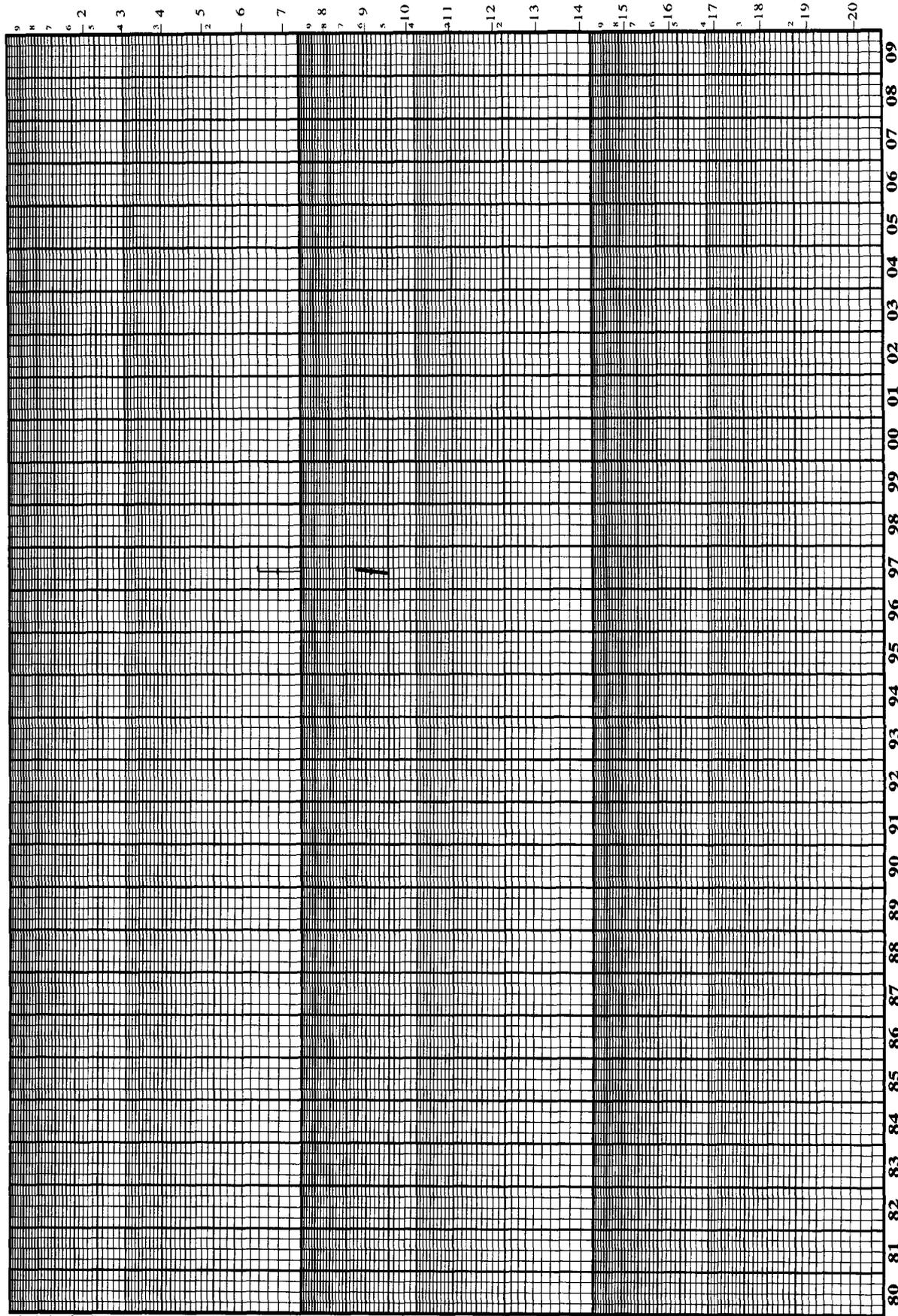
PERMIAN BASIN
25200

M & L - FORECAST

RFM JEB CP-AW

Run Date:
Run Time:

GAS (mcf/mo) ▽
OIL (bbls/mo) Δ



1,000.
1,000.

100.
100.

10.

Cross Timbers Operating Company
August 22, 1997
Attachment to Form C107-A

16. Production curve for Monument Tubb Pool is less than one year because it has been on production for less than one year. A current well test from this pool is listed on the Form C-107-A.

**OFFSET OPERATORS
MOBY #1
NW/4NW/4 Section 7-T20S-R38E
Lea County, New Mexico**

Oxy USA, Inc.
P. O. Box 50250
Midland, Texas 79710

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

Chevron USA, Inc.
P. O. Box 1150
Midland, Texas 79702

Gladstone Resources, Inc.
1285 Avenue of the Americas, 35th Floor
New York, New York 10019-6028

The above listed offset operators have been notified by Certified Mail of Cross Timbers Operating Company's Application for Downhole Commingling the Monument Tubb (47090) and Nadine Drinkard West (47505) in the Moby #1.