

## 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 87505-6438

MAY 6 1998

Form C-107-A  
New 3-12-96

APPROVAL PROCESS:

OIL CONSERVATION DIVISION (Administrative) ☐ Hearing ☐

EXISTING WELLBORE

☒ YES ☐ NO

## APPLICATION FOR DOWNHOLE COMMINGLING

Cross Timbers Operating Company 810 Houston St., Ste#2000, Ft. Worth, Texas 76102

Operator Address  
Monstro 1 M - 6 - 20S - 38E Lea  
Lease Well No. Unit Ltr. - Sec - Twp - Rge CountyOGRID NO. 005380 Property Code 018319 API NO. 30-025-28124 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)		West Nadine Drinkard (47505)
2. Top and Bottom of Pay Section (Perforations)	5,464' - 6,579'		6,861' - 6,938'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: Estimated Current All Gas Zones: Measured Current Estimated Or Measured Original	a. (Current) 1,500 psig b. (Original)	a. b.	a. 1,300 b.
6. Oil Gravity (°API) or Gas BTU Content	37.5°		33.0°
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	Date: Rates:	Date: Rates:	Date: 11/20/97 Rates: 4/16/3
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 3/98 Rates: 9/17/6	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 69 % Gas: 54 %	Oil: % Gas: %	Oil: 31 % Gas: 46 %

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 ☐ No11. 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 ☐ No13. 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 F. Terry Perkins, Jr. TITLE Mgr. Reservoir Dev. DATE 5.1.98TYPE OR PRINT NAME F. Terry Perkins, Jr. TELEPHONE NO. ( 817 ) 877-2360

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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 30-025-28124		Pool Code 47090	Pool Name Monument Tubb
Property Code 018319	Property Name Monstro		Well Number 1
OGRID No. 005380	Operator Name Cross Timbers Operating Company		Elevation 3,579'

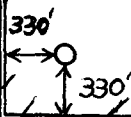
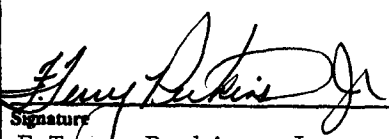
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	6	20S	38E		330	South	330	West	Lea

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 40		<sup>13</sup> Joint or Infill N		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. NSP - 1778			

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

<div data-bbox="121 1053 162 1085">16</div> 				<div data-bbox="1071 1042 1534 1095"><b><sup>17</sup> OPERATOR CERTIFICATION</b></div> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div data-bbox="1071 1191 1534 1330">  </div> <div data-bbox="1071 1319 1534 1361">           Signature F. Terry Perkins, Jr.         </div> <div data-bbox="1071 1361 1534 1404">           Printed Name Manager Reservoir Development         </div> <div data-bbox="1071 1404 1534 1447">           Title 5-1-98         </div> <div data-bbox="1071 1447 1534 1500">           Date         </div>	
					<div data-bbox="1071 1521 1534 1574"><b><sup>18</sup> SURVEYOR CERTIFICATION</b></div> <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> <div data-bbox="1071 1713 1534 1744">           Date of Survey         </div> <div data-bbox="1071 1744 1534 1787">           Signature and Seal of Professional Surveyer:         </div> <div data-bbox="1071 1947 1534 1979">           Certificate Number         </div>

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-28124	<sup>2</sup> Pool Code 47505	<sup>3</sup> Pool Name West Nadine Drinkard
<sup>4</sup> Property Code 1018319	<sup>5</sup> Property Name Monstro	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 005380	<sup>8</sup> Operator Name Cross Timbers Operating Company	<sup>9</sup> Elevation 3,579'

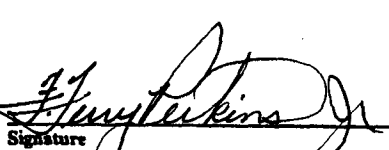
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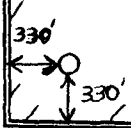
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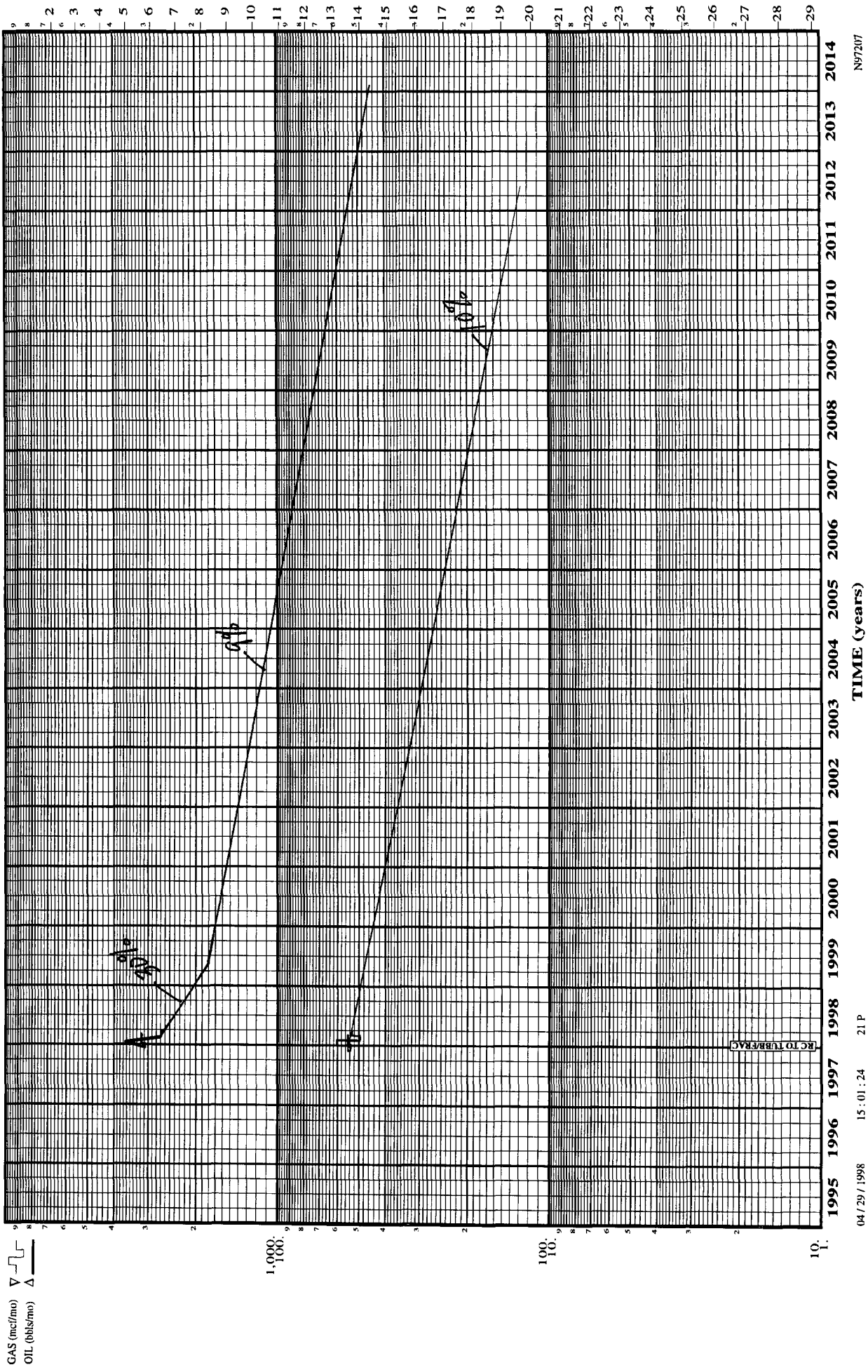


MONSTRO 1	
CROSS TIMBERS	
NADINE W ( TUBB )	
LEA, NEW MEXICO	
CO	06M 20S 38E
N97207	FTP
PERMIAN BASIN	
25220	

M & L - 1/98 FORECAST

RPM JEB CP-AW

Run Date: 03/19/98  
Run Time: 09:45:31

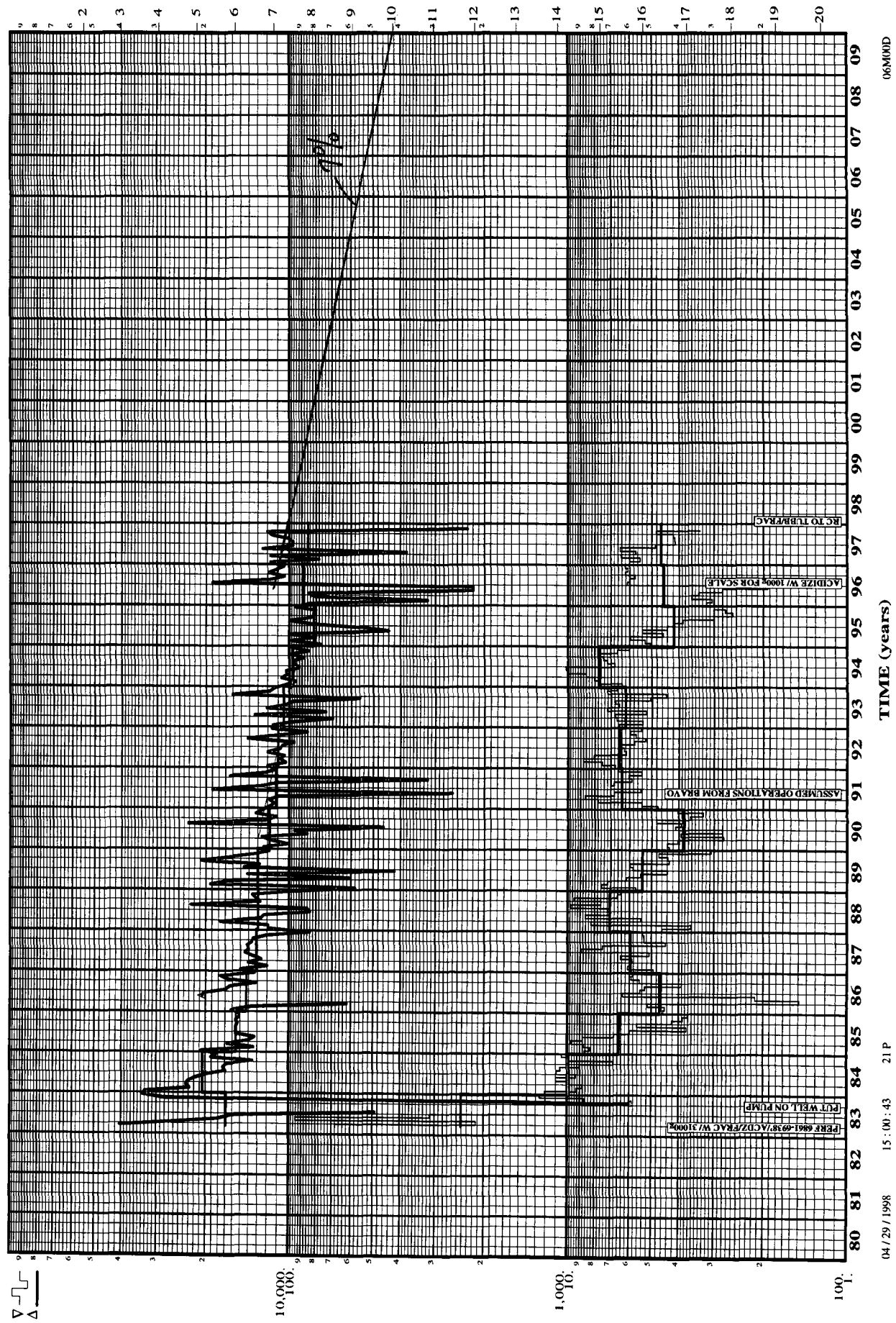


# Cross Timbers Oil Company

MONSTRO 1	
CROSS TIMBERS	(INA)
NADINE W ( DRINKARD W )	
LEA, NEW MEXICO	
06M 20S 38E	PERMIAN BASIN
FTP	25220
CO	
06M00D	
M & L - 1/98	FORECAST
	RFM JEB CP-AW

Run Date: 03/19/98  
Run Time: 09:24:37

GAS (mcf/mo) ▽  
OIL (bbls/mo) Δ



TIME (years)

04 / 29 / 1998 15 : 00 : 43 21 P

06M00D

CROSS TIMBERS OPERATING COMPANY  
ATTACHMENT TO FORM C-107-A  
APPLICATION FOR DOWNHOLE COMMINGLING  
MONOSTRO # 1

16. (I) THE TUBB FORMATION WAS COMPLETED IN DECEMBER 1997;  
THEREFORE, THERE IS NOT ONE YEAR OF PRODUCTION HISTORY.
- (II) PROJECTED PRODUCTION FLOWSTREAMS FOR THE TUBB FORMATION  
ARE BASED ON OFFSET PRODUCING TUBB WELLS IN THE MONUMENT  
TUBB FIELD AND THE NADINE, WEST TUBB FIELD.

OFFSET OPERATORS  
MONSTRO #1  
SW/4 SW/4 SECTION 6-T20S-R38E  
LEA COUNTY, NEW MEXICO

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

Dewey E. Sparger  
P.O. Box 1112  
Hobbs, New Mexico 88241



**Cross Timbers Oil Company**

April 30, 1998

**CERTIFIED MAIL #Z 353 836 241**

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

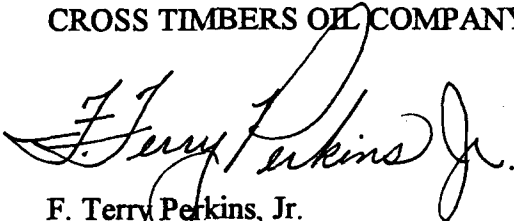
RE: DHC of Monstro #1, Unit Letter M, Section 6, T20S, 38E

Dear Sir:

Please be informed that Cross Timbers Oil Company intends to downhole commingle the Monstro #1 in the Monument Tubb (47090) and West Nadine Drinkard (47505) Pools. If you have any questions or objections, please contact Terry Perkins (817) 877-2360 or Ray Martin (915) 682-8873.

Sincerely,

CROSS TIMBERS OIL COMPANY



F. Terry Perkins, Jr.  
Manager Reservoir Development

FTP:kw

Attachments



*Chevron*  
Z 353 836 241

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to  
Chevron U.S.A., Inc.

Street & Number  
P.O. Box 1150

Post Office, State, & ZIP Code  
Midland, Texas 79702,

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

04/30/98

PS Form 3800, April 1995

Fold at line over top of envelope to the right of the return address

**CERTIFIED**

Z 353 836 241

**MAIL**



## Cross Timbers Oil Company

April 30, 1998

**CERTIFIED MAIL #Z 353 836 242**

Dewey E. Sparger  
P.O. Box 1112  
Hobbs, New Mexico 88241

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1.10

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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

04/30/98

PS Form 3800, April 1995

Fold at line over top of envelope to the right of the return address

**CERTIFIED**

Z 353 836 242

**MAIL**



## Cross Timbers Oil Company

April 30, 1998

**CERTIFIED MAIL #Z 353 836 245**

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

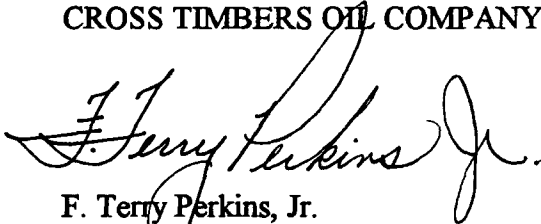
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Manager Reservoir Development

FTP:kw

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04/30/98

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**CERTIFIED**

Z 353 836 245

**MAIL**



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

5/13/98

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 X  
NSL  
NSP  
SWD  
WFX  
PMX

Gentlemen:

I have examined the application for the:

Cross Timbers Oper Co Monstro #1-M-6-2Ds-38e  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Need map showing offsets and a copy of  
letter to offsets.

Yours very truly,

*Chris Williams*

Chris Williams  
Supervisor, District 1

/ed