

## 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

OCT - 6 1997

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429Form 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

Address

McCallister

#2

D-8-20S-38E

Lea

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 005380 Property Code 003353 API NO. 30-025-27629

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	Nadine Paddock Blin-bry, West (47400)		Nadine Tubb, West (47530)
2. Top and Bottom of Pay Section (Perforations)	5,956'-6,267'		6,442'-6,551'
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: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 1,300 psig b. (Original)	a.  b.	a. 2,000 psig b.
6. Oil Gravity ( $^{\circ}$ API) or Gas BTU Content	36.0 $^{\circ}$		35.5 $^{\circ}$
7. Producing or Shut-In?	Producing		New Zone
Production Marginal? (yes or no)	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: 8/26/97 Rates: 10/216/7	Date: Rates:  Date: Rates:	Date: Rates:  Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 60 % Gas: 48 %	Oil: % Gas: %	Oil: 40 % Gas: 52 %

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). DHC-392

## 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 SR Reservoir Eng DATE 10.3.97TYPE OR PRINT NAME F. TERRY PERKINS JR TELEPHONE NO. (817) 877-2360

District I  
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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

1API Number 30-025-27629	2Pool Code 47400	3Pool Name Nadine Paddock Blinebry, West
4Property Code 003353	5Property Name McCallister	6Well Number 2
7OGRID No. 005380	8Operator Name Cross Timbers Operating Company	9Elevation 3569

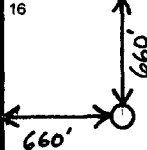

10Surface Location

UL or lot no. D	Section 8	Township 20S	Range 38E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West Line West	County Lea
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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
12Dedicated Acres 40.00	13Joint or Infill N	14Consolidation Code	15Order 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

16 					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief   Signature F. TERRY PERKINS JR. Printed Name SR. RESERVOIR ENG. Title 10.3.97 Date
					18 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 Surveyer:  Certificate Number

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State Lease - 4 Copies  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1API Number 30-025-27629		2Pool Code 47530		3Pool Name Nadine Tubb, West		
4Property Code 003353		5Property Name McCallister			6Well Number 2	
7OGRID No. 005380		8Operator Name Cross Timbers Operating Company			9Elevation 3569	

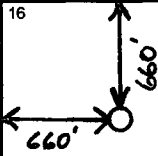
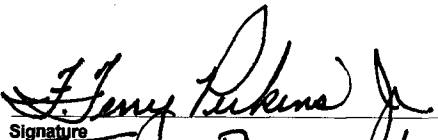
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# Cross Timbers Oil Company

MCCALLISTER 2

CROSS TIMBERS  
NADINE W ( BLINEBRY )  
LEA, NEW MEXICO

PERMIAN BASIN  
10720

08D 20S 38E

FTP

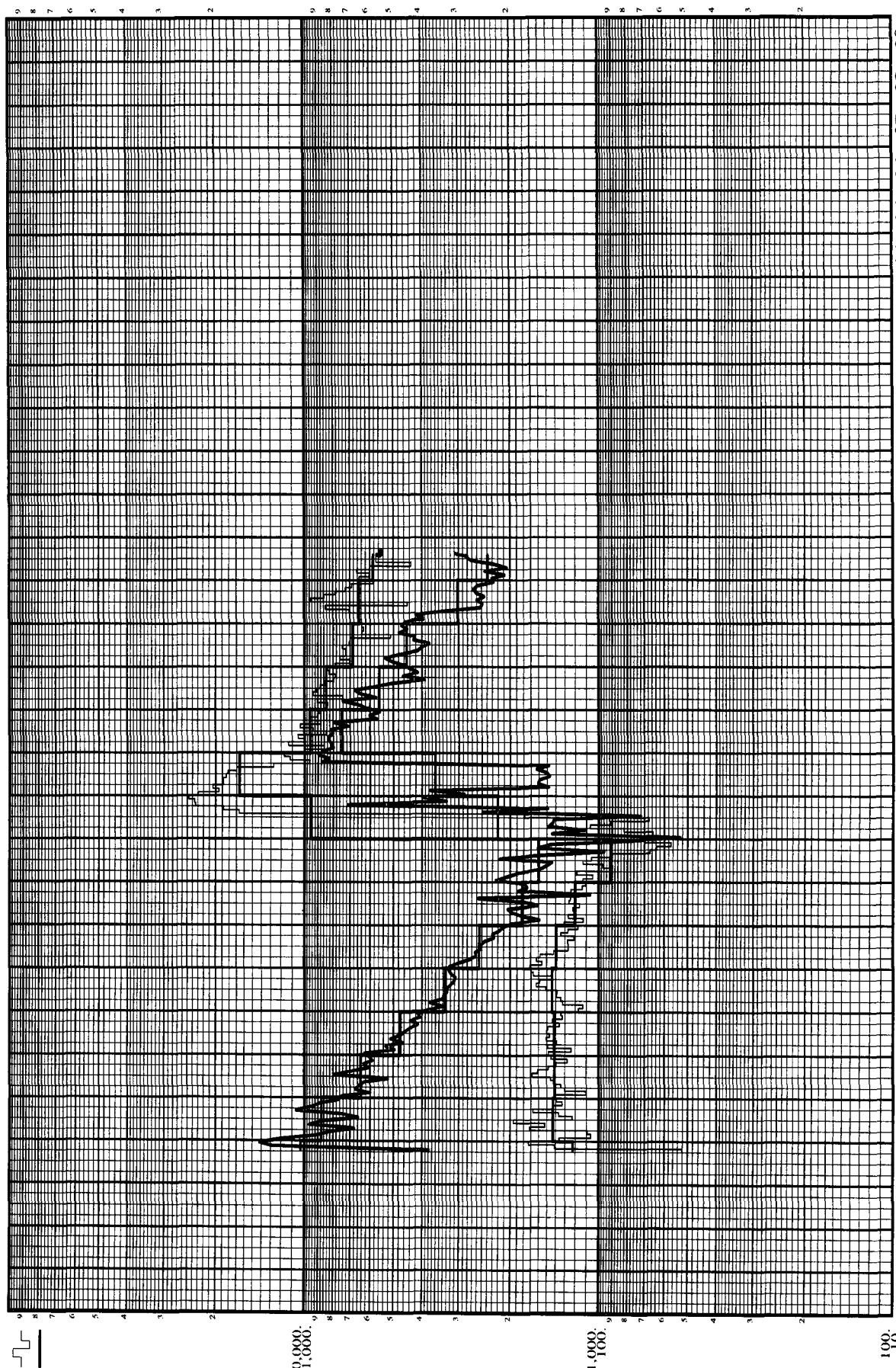
CO  
X0480

RPM JEB CP-AW

M & L - FORECAST

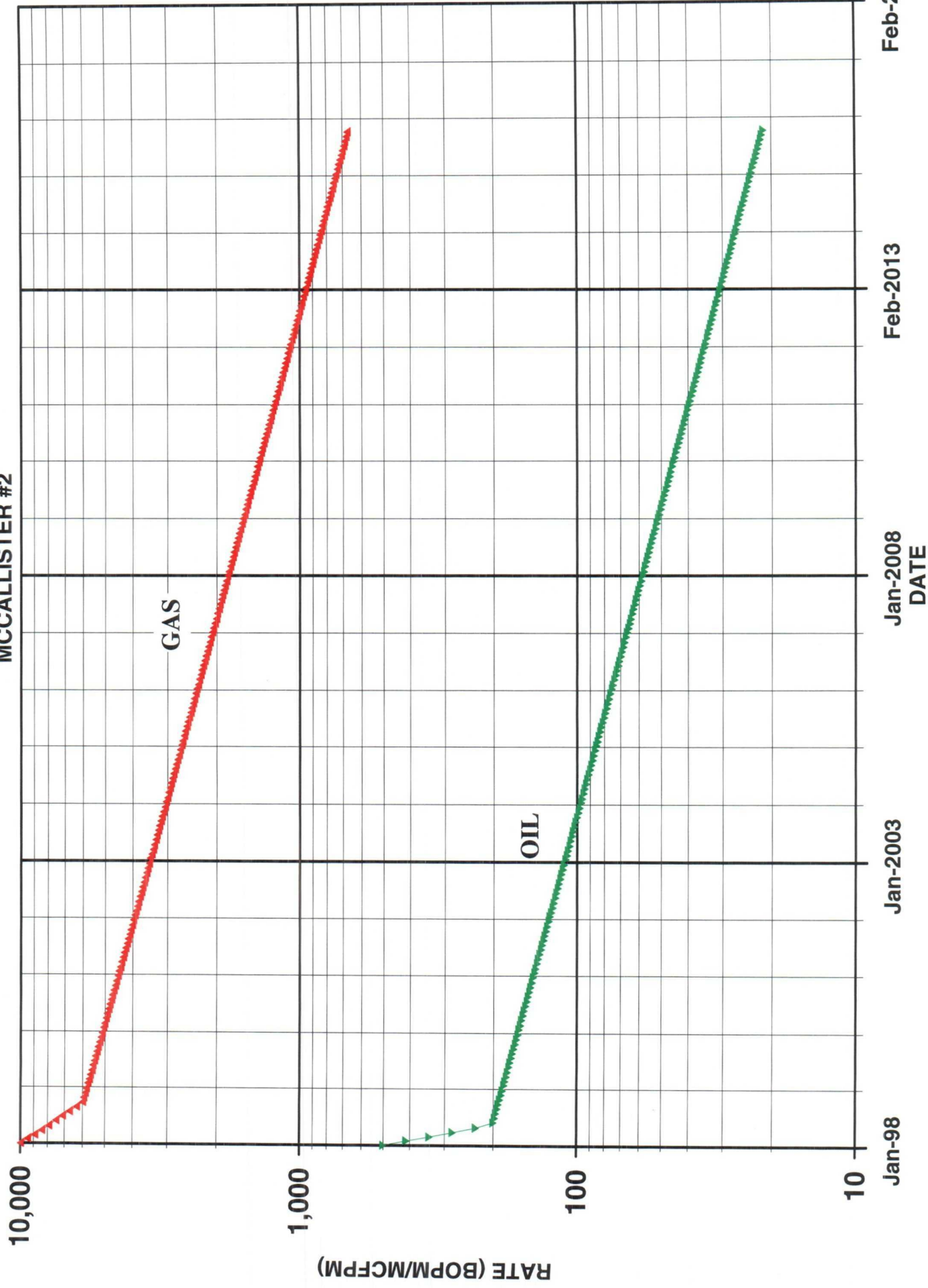
Run Date :  
Run Time :

GAS (mcf/mo) ▽  
OIL (bbls/mo) Δ



# PROJECTED TUBB PRODUCTION

MCCALLISTER #2



**CROSS TIMBERS OPERATING COMPANY  
ATTACHMENT TO FORM C-107-A  
APPLICATION FOR DOWNHOLE COMMINGLING  
MCCALLISTER #2**

- 16. (I) No production history exists for the Nadine Tubb, West Pool.**
- (II) The estimated production rates are based on offsetting Tubb production in the Nadine Tubb West Pool and the Monument Tubb Pool in the offsetting sections. Some of these offsetting wells include the Cross Timbers operated Turner #1, Moby #1 & Shamu #1, and the Byers B #5 operated by Oxy Petroleum.**
- (III) The percentage production allocation is based on the current production rates for the Nadine Paddock Blinebry, West Pool and the stabilized estimated production rates for the Nadine Tubb, West Pool.**

OFFSET OPERATORS  
McCallister #2  
D-8-T20S-R38E  
Lea County, New Mexico

Oxy U.S.A. Inc.  
P. O. Box 50250  
Midland, Texas 79710  
Attn: Mr. Rick Foppiano

Ledbetter Resources, Company  
Route 3, Box 300  
Abilene, Texas 79606

The above listed offset operators of the McCallister #2 proration unit have been notified by Certified Mail of Cross Timbers Operating Company's Application for Downhole Commingling the Nadine Paddock Blinbry, West (47400) and Nadine Tubb, West (47530) Pools in the McCallister #2.



## Cross Timbers Operating Company

CERTIFIED MAIL

September 29, 1997

Oxy U.S.A., Inc.  
P. O. Box 50250  
Midland, Texas 79710  
Attention: Mr. Rick Foppiano

Subject: DHC of McCallister #2 Unit Letter D, Section 8, T20S, R38E

Dear Sir,

Please be informed that Cross Timbers Operating Company intends to downhole commingle the McCallister #2 in the Nadine Paddock Blinbry, West (47400) and Nadine Tubb, West (47530) Pools. If you have any questions or objections, please contact Terry Perkins at 817-870-2800 or Ray Martin at 915-682-8873.

Sincerely,

CROSS TIMBERS OPERATING COMPANY

Ray F. Martin  
Operations Engineer

RFM/ml

s:/mal/mccal2.rfm



P 268 415 714

US Postal Service

# Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Oxy USA, Inc./Rick Foppiano	
Street & Number	
P. O. Box 50250	
Post Office, State, & ZIP Code	
Midland, TX 79710	
Postage	\$ .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	
9-30-97	

PS Form 3800, April 1995

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

**CERTIFIED**

P 268 415 714

**MAIL**

RETURN ADDRESS completed on the reverse side?

## SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

### 3. Article Addressed to:

Oxy USA, Inc.  
P. O. Box 50250  
Midland, Texas 79710  
Attn: Mr. Rick Foppiano

### 4a. Article Number

P 268 415 714

### 4b. Service Type

- ☐ Registered ☒ Certified
- ☐ Express Mail ☐ Insured
- ☐ Return Receipt for Merchandise ☐ COD

### 7. Date of Delivery

### 5. Received By: (Print Name)

### 8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.



## Cross Timbers Operating Company

CERTIFIED MAIL

September 29, 1997

Ledbetter Resources Company  
Route 3, Box 300  
Abilene, Texas 79606

Subject: DHC of McCallister #2 Unit Letter D, Section 8, T20S, R38E

Dear Sir,

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Sincerely,

CROSS TIMBERS OPERATING COMPANY

Ray F. Martin  
Operations Engineer

RFM/ml

s:/mal/mccal2.rtm

P 268 415 715

US Postal Service  
**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to Ledbetter Resources Company	
Street & Number Rt. 3, Box 300	
Post Office, State, & ZIP Code Abilene, Texas 79606	
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	9-30-97

PS Form 3800, April 1995

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

**CERTIFIED**

P 268 415 715

**MAIL**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

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  2. ☐ Restricted Delivery
- Consult postmaster for fee.

Thank you for using Return Receipt Service.

3. Article Addressed to: Ledbetter Resources Company Rt. 3, Box 300 Abilene, Texas 79606		4a. Article Number P 268 415 715
4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD		7. Date of Delivery
5. Received By: (Print Name)		8. Addressee's Address (Only if requested and fee is paid)
6. Signature: (Addressee or Agent) <b>X</b>		

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

1712



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

August 1, 1985

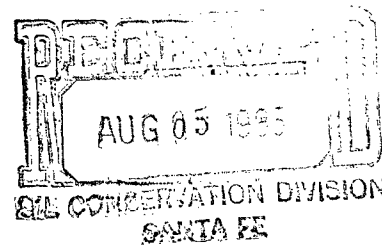
TONEY ANAYA  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(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:

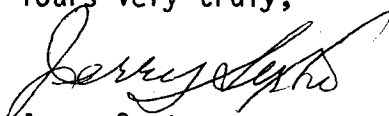
I have examined the application for the:

Crown Central Pet. Corp.	McCallister	No. 2-D	8-20-38
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

O.K. ---J.S.

Yours very truly,

  
Jerry Sexton  
Supervisor, District 1

/mc