

## 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

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

McCallister

#1

M-5-20S-38E

Lea

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 005380 Property Code 003353 API NO. 30-025-07731

Spacing Unit Lease Types: (check 1 or more)

Federal \_\_\_ , State \_\_\_ , (and/or) Fee X

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)	5,878'-6,276'		6,452'-6,601'
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) 1,300 psig b. (Original)	a.  b.	a. 2,000 b.
6. Oil Gravity (°API) or Gas BTU Content	36.0°		35.5°
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: 8/23/97 Rates: 11/224/5	Date: Rates:  Date: Rates:	Date: Rates:  Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 62 % Gas: 50 %	Oil: % Gas: %	Oil: 38 % Gas: 50 %

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?  
If not, have all working, overriding, and royalty interests been notified by certified mail? X Yes \_\_\_ No  
Have all offset operators been given written notice of the proposed downhole commingling? X Yes \_\_\_ No

11. Will cross-flow occur? \_\_\_ Yes X 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? X Yes \_\_\_ No

13. Will the value of production be decreased by commingling? \_\_\_ Yes X 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