



**Southern**

**Rockies**

**Business**

**Unit**

April 4, 1996

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P. O. Box 6429  
Santa Fe, NM 87505

**Application for Exception to Rule 303-C**  
**Downhole Commingling**  
**Jicarilla /B/ 8M Well**  
**Unit C Section 15-T26N-R5W**  
**Blanco Mesaverde and Basin Dakota Pools**  
**Rio Arriba County, New Mexico**

RECEIVED  
APR - 8 1996  
OIL CON. DIV.  
DIST. 3

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well.

Should you have questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

  
Pamela W. Staley

Enclosures

cc: Steve Smethie  
Patty Haeefe  
Wellfile  
Proration file

Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

Robert Kent  
Bureau of Land Management  
435 Montano NE  
Albuquerque, NM 87107

DISTRICT I  
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

DISTRICT II  
811 South First St., Artesia, NM 88210-2835

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

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410-1693

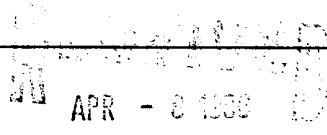

OIL CONSERVATION DIVISION  
APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE  
☒ YES ☐ NO

Amoco Production Company		P.O. Box 800 Denver, CO 80201	
Operator Jicarilla /B/	8M	Address Unit C Section 15-T26N-R5W	Rio Arriba
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County
OGRID NO. 000778	Property Code 000733	API NO. 3003922300	Spacing Unit Lease Types: (check 1 or more) Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> (and/or) Fee <input type="checkbox"/>

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	BLANCO MESAVERDE 72319		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	4930' - 5441'		7396' - 7604'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated or Measured Original	a. (Current) 996 PSI b. (Original) 1452 PSI	a.  b. 	a. 1340 PSI b. 3400 PSI
6. Oil Gravity (° API) or Gas BTU Content	1241 BTU		1196 BTU
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		NO
• If Shut-In, give data 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: Rates:
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	2/96 Date: Rates: 40 MCFD 0.05 BCPD 0.01 BWPD	Date: Rates:	2/96 Date: Rates: 60 MCFD 0.25 BCPD 0.11 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 17 % Gas 40 %	Oil: % Gas %	Oil: 83 % Gas 60 %

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 JICARILLA B (JICARILLA 109 LEASE)
15. NMOCD Reference Cases for Rule 303(D) 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 Pamela W. Staley TITLE REGULATORY AFFAIRS REP DATE 4/3/96  
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. ( 303 ) 830-5344

All distances must be from the outer boundaries of the Section.

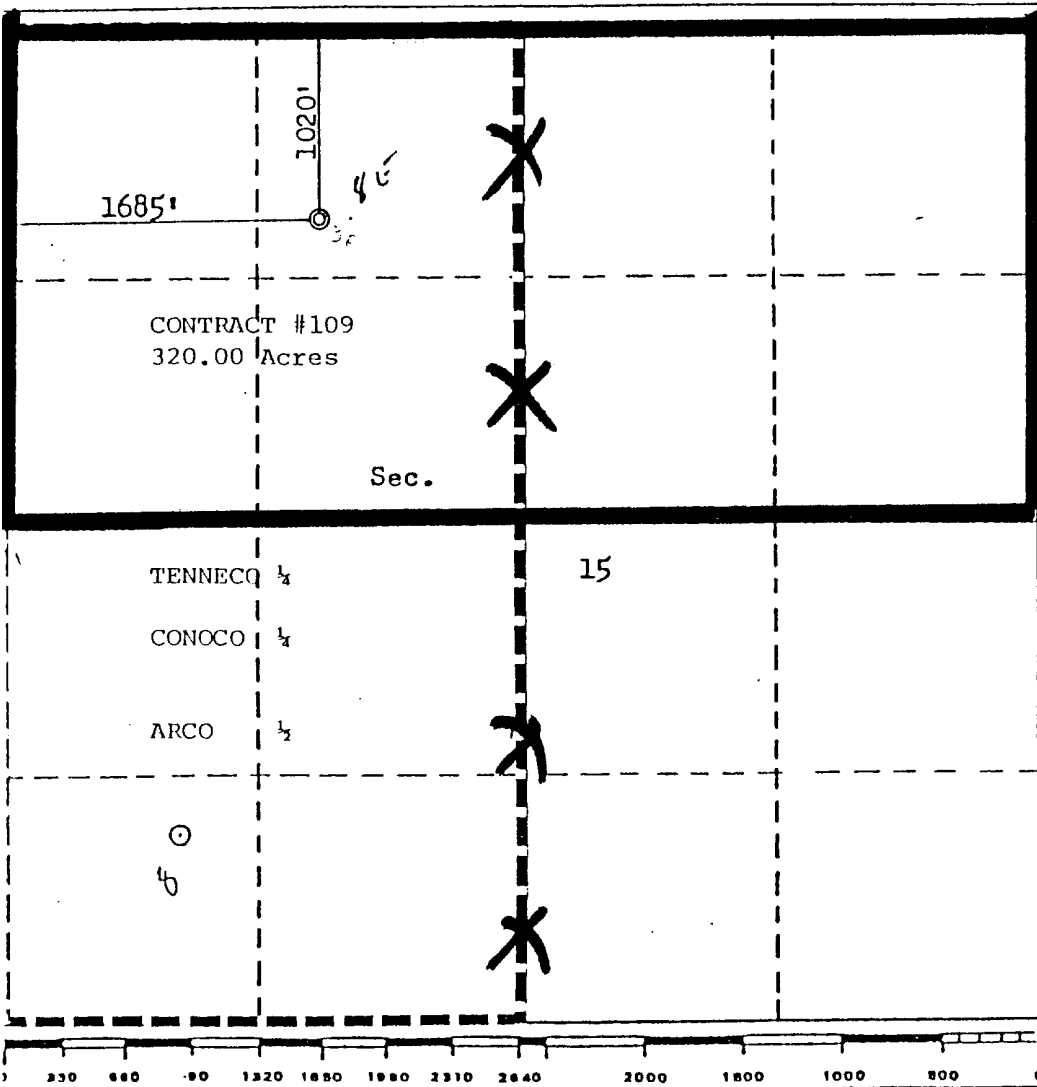
Operator <b>TENNECO OIL COMPANY</b>			Lease <b>JICARILLA "B"</b>		Well No. <b>85</b>
Well Letter <b>C</b>	Section <b>15</b>	Township <b>26N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1020</b> feet from the <b>North</b> line and <b>1685</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6632</b>	Producing Formation <b>Dakota</b>		Pool <b>Flamenco M ✓</b> <b>Basin Dakota</b>		Dedicated Acreage: <b>320.00</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



## CERTIFICATION

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

*M. L. Freeman*  
Name **M. L. Freeman**  
Staff Production Analyst

Position  
**Tenneco Oil Company**

Company  
**December 27, 1979**

Date

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 knowledge and belief.

Date Surveyed

**October 27, 1979**  
Registered Professional Engineer  
and/or Land Surveyor  
*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.  
Certificate No. **3950**

**3950**  
New Mexico  
Surveyor

Engr: zhdb0b

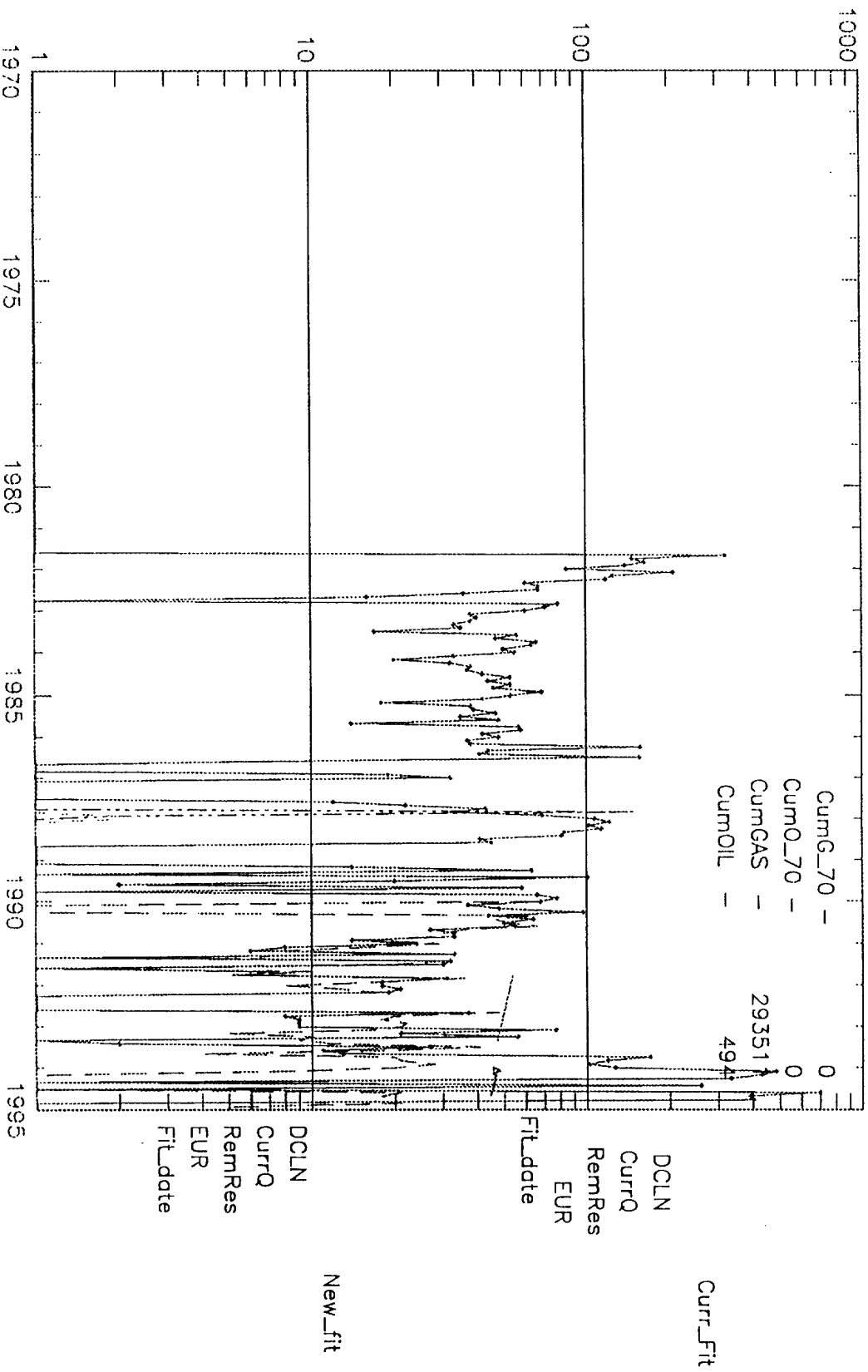
JICARILLA B 8M

Operator- AMOCO PRODUCTION CO

300392230000MV

C152605-008MMV

APC\_WI - 0.75000000



Engr: zhdb0b

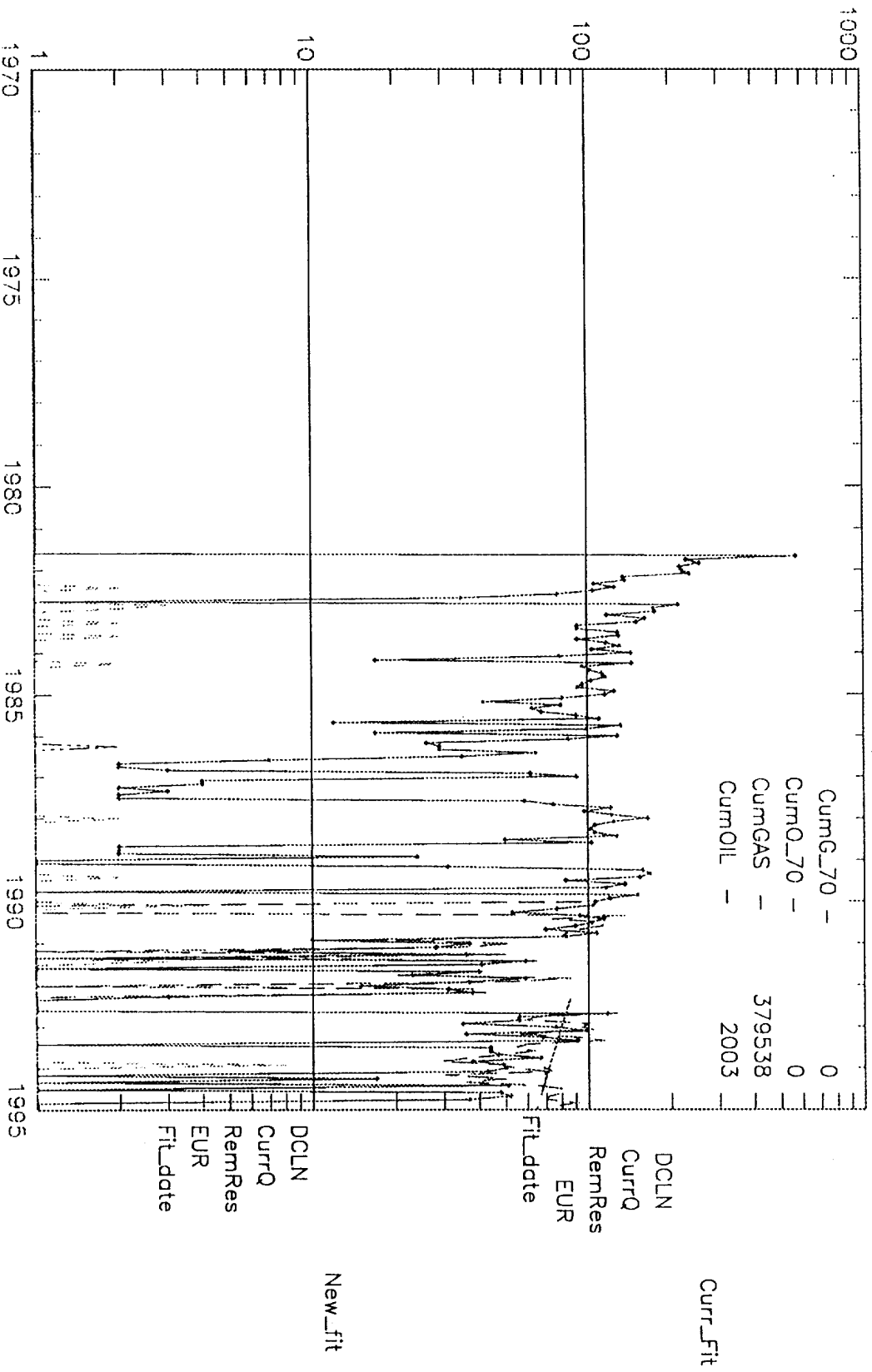
JICARILLA B 8M

Operator- AMOCO PRODUCTION CO

300392230000DK

C152605-008MDK

APC\_WI - 0.75000000



**LIST OF OFFSET OPERATORS**

Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499

Conoco, Inc.  
10 Desta Drive West  
Midland, Texas 79705