



**Southern**

**Rockies**

**Business**

**Unit**

March 20, 1996

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

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OIL CON. DIV.  
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**Application for Exception to Rule 303-C**  
**Downhole Commingling**  
**Lefkovitz Gas Com B#1E and Lefkovitz Gas Com C#1**  
**Unit P Section 25-T29N-R10W**  
**Blanco Mesaverde (Pool IDN 72319) and Basin Dakota (Pool IDN 71599) Pools**  
**San Juan County, New Mexico**

Enclosed please find an administrative application form (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 Webb  
Gail Jefferson

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

Duane Spencer  
Bureau of Land Management  
1235 La Plata Hwy  
Farmington, NM 87401

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 87505-8429

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410-1893

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE  
☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator  
Lefkovitz Gas Com

"B" #1E & C #1

Address  
P-Sec 25-T29N-10W

San Juan

Lease

Well No.

Unit Ltr. - Sec Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

GRID NO. 000778 Property Code 000794 API NO. 30-045-25305 Federal State (and/or) Fee X

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)	3622' - 4496'		6360' - 6540'
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) 664 PSI b. (Original) 1291 PSI	RECEIVED APR - 1 1996 OIL CON. DIV. DATE 3	a. 843 PSI b. 2528 PSI
6. Oil Gravity (* API) or Gas BTU Content	1278 BTU / 49.3 DEG API		1224 BTU / 59.1 DEG API
7. Producing or Shut-In?	PRODUCING		SHUT-IN
Production Marginal? (yes or no)	YES		YES
• 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: 4/95 34 MCFD 0 BCPD 0 BWPD
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates: 1/96 48 MCFD 0 BCPD 0 BWPD	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula -% for each zone	Oil: % Gas %	Oil: % Gas %	Oil: % Gas %

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 SF-076958
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 3/20/96  
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. ( 303 ) 830-5344

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

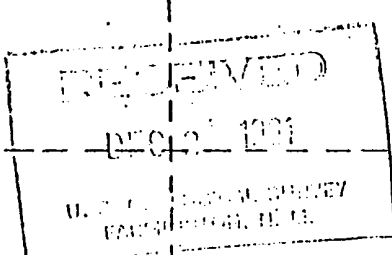
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>LEFKOVITZ GAS COM "B"</b>		Well No. <b>1E</b>
Unit Letter <b>P</b>	Section <b>25</b>	Township <b>29N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
<b>930</b> feet from the <b>South</b> line and		<b>940</b> feet from the <b>East</b> line			
Ground Level Elev. <b>5636</b>	Producing Formation <b>Basin Dakota/Blanco Mesaverde</b>		Pool <b>Dakota/Mesaverde</b>	Dedicated Acreage: <b>320/320</b> Acre	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 communitization

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.

		<p>Sec.</p>	
<p>25</p>		<p>940'</p>	
<p>930'</p>			

CERTIFICATION

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

*W. L. Peterson*  
Name  
W. L. Peterson

Position  
District Engineer

Company  
Amoco Production Company

Date  
DEC 15 1981

I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 1981  
Registered Professional Engineer  
and/or Land Surveyor  
*Fred L. Kern Jr.*  
Fred L. Kern Jr.

Certificate No.

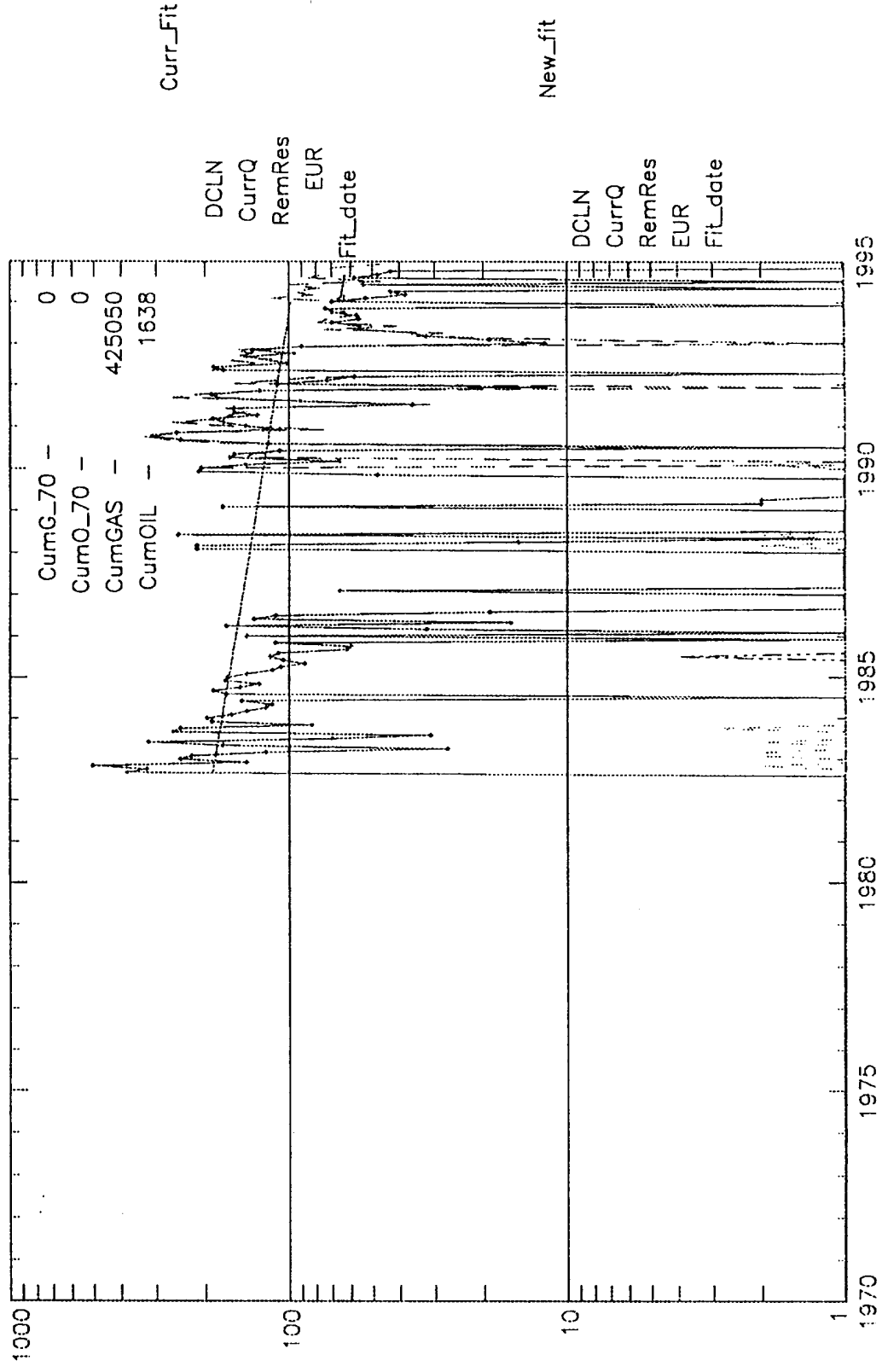
Engr: zdws22

Lefkovitz Gas Com C 1

Operator-- AMOCO PRODUCTION CO

300452530500MV P252910-001EMV

APC\_WI - 0.50000000



Engr: zdws22

LEFKOVITZ GAS COM B 1E

Operator- AMOCO PRODUCTION CO

300452530500DK P252910-001EDK

APC\_WI - 0.50000000

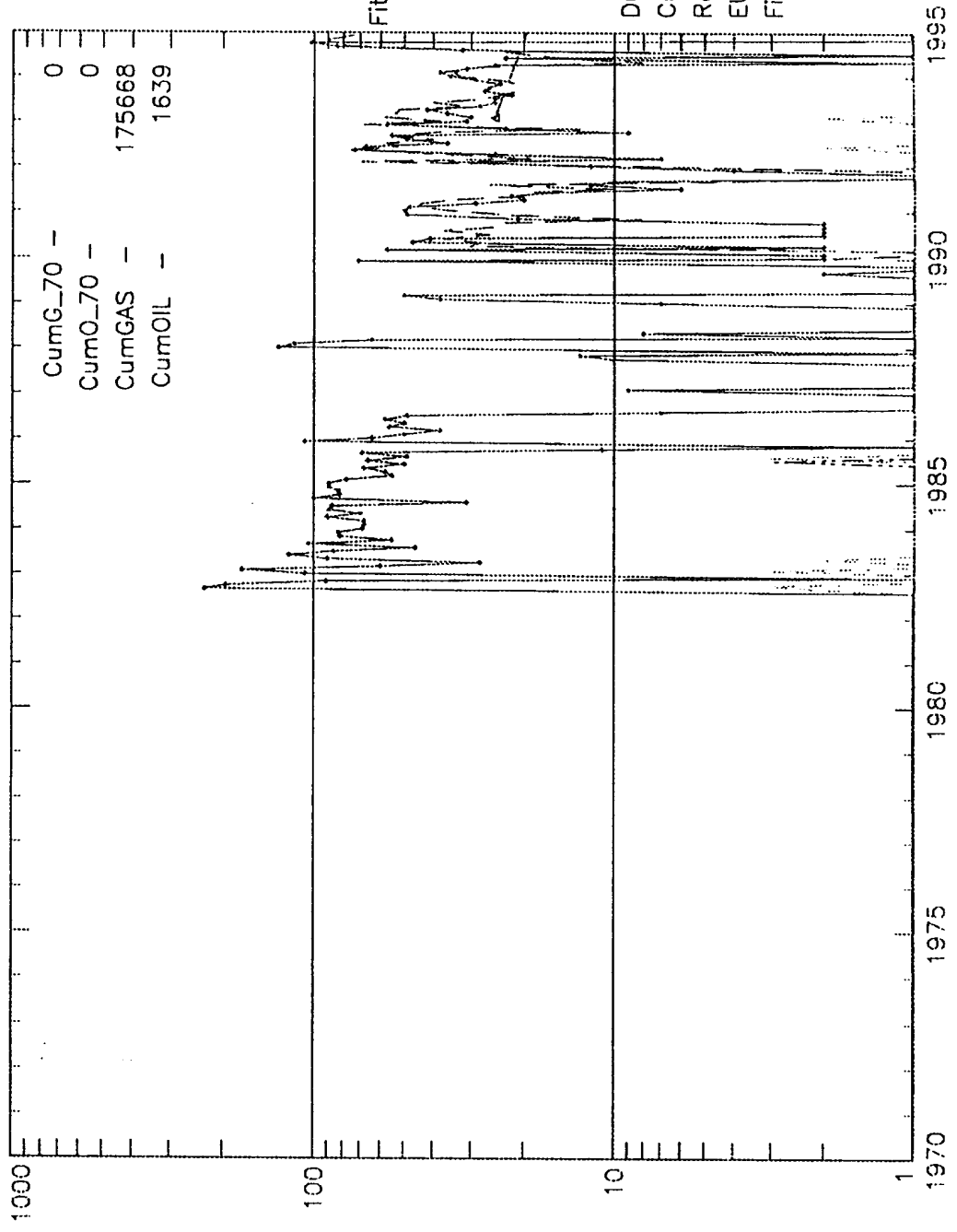
CumG_70	-	0
CumO_70	-	0
CumGAS	-	175668
CumOIL	-	1639

Curr\_Fit

DCLN  
CurrQ  
RemRes  
EUR  
Fit\_date

New\_fit

DCLN  
CurrQ  
RemRes  
EUR  
Fit\_date



**LIST OF ADDRESSES FOR OFFSET OPERATORS  
Lefkovitz Gas Com B#1E and Lefkovitz Gas Com C#1**

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

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

**ALLOCATION RECOMMENDATION  
Lefkovitz Gas Com B#1E and Lefkovitz Gas Com C#1**

**Both the Dakota and Mesaverde have been producing for some time in this wellbore. The Dakota has been shut-in since mid 1995. During the commingling process, we will selectively test each formation and submit those tests and our proposed allocations after the work is done. These final allocation rates will be provided to the Aztec District of the NMOCD.**