

DNC 4-27-96

1233

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

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

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

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

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

☒ Administrative ☐ Hearing

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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
☒ YES ☐ NO

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)			
OGRID NO. 000778	Property Code 000794	API NO. 30-045-25305	Federal <input type="checkbox"/> State <input type="checkbox"/> (and/or) Fee <input checked="" 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)	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: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 664 PSI b. (Original) 1291 PSI	a. b.	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:	4/95 34 MCFD 0 BCPD 0 BWPD
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 1/96 Rates: 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 AMOCO PRODUCTION COMPANY			Lease LEFKOVITZ GAS COM "B"		Well No. 1E
Unit Letter P	Section 25	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well: 930 feet from the South line and 940 feet from the East line					
Ground Level Elev. 5636	Producing Formation Basin Dakota/Blanco Mesaverde		Pool Dakota/Mesaverde	Dedicated Acreage: 320/320 Acres	

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.

<div>RECEIVED DEC 21 1981 U. S. GEOLOGICAL SURVEY BARTON SPRING, TEXAS</div>		Sec.	
		940'	
		930'	

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 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
November 1981
Registered Professional Engineer
and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No.

Engr: zdws22

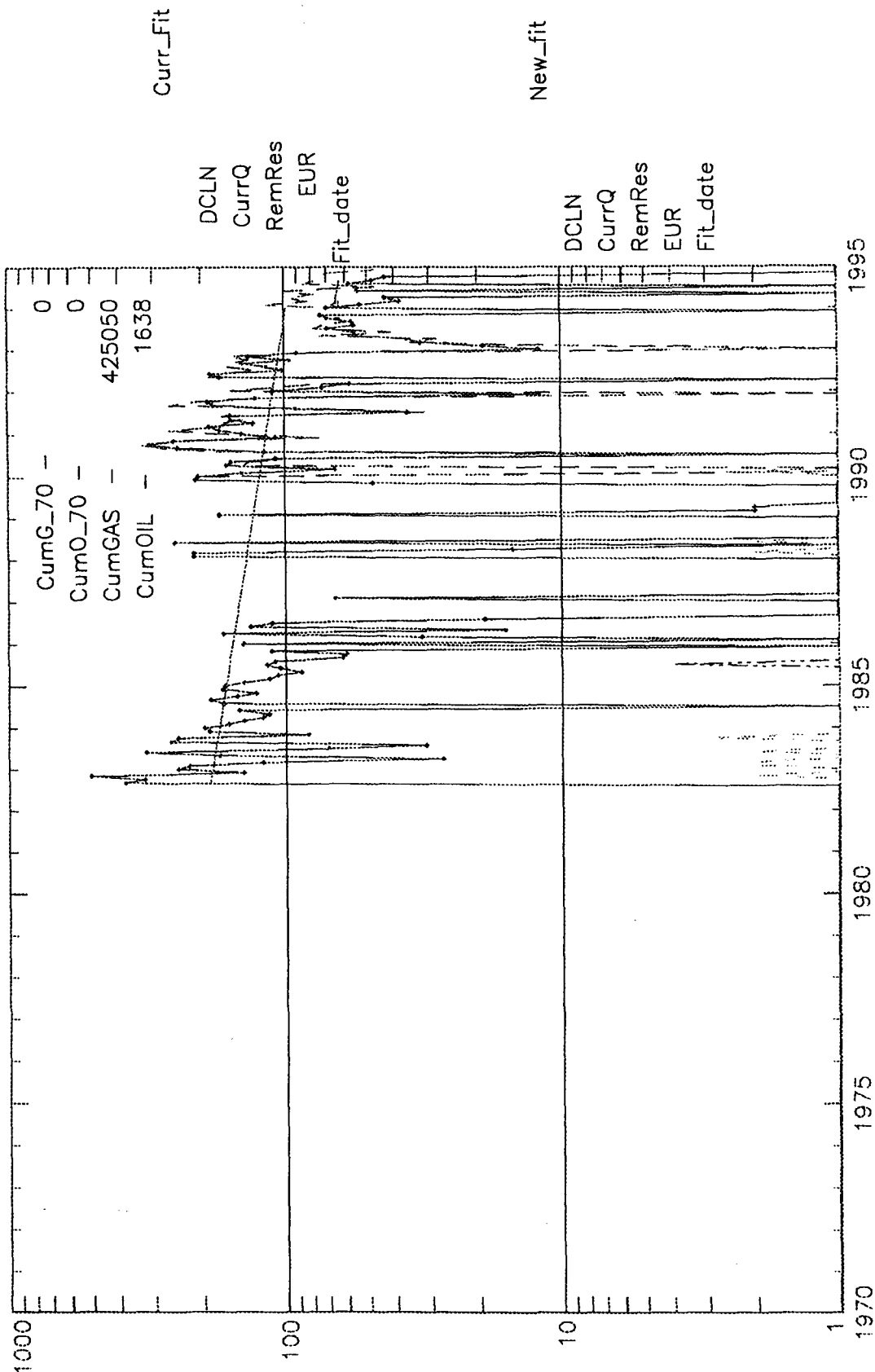
Lefkovitz Gas Com C 1

Operator- AMOCO PRODUCTION CO

300452530500MV

P252910-001EMV

APC_WI - 0.50000000



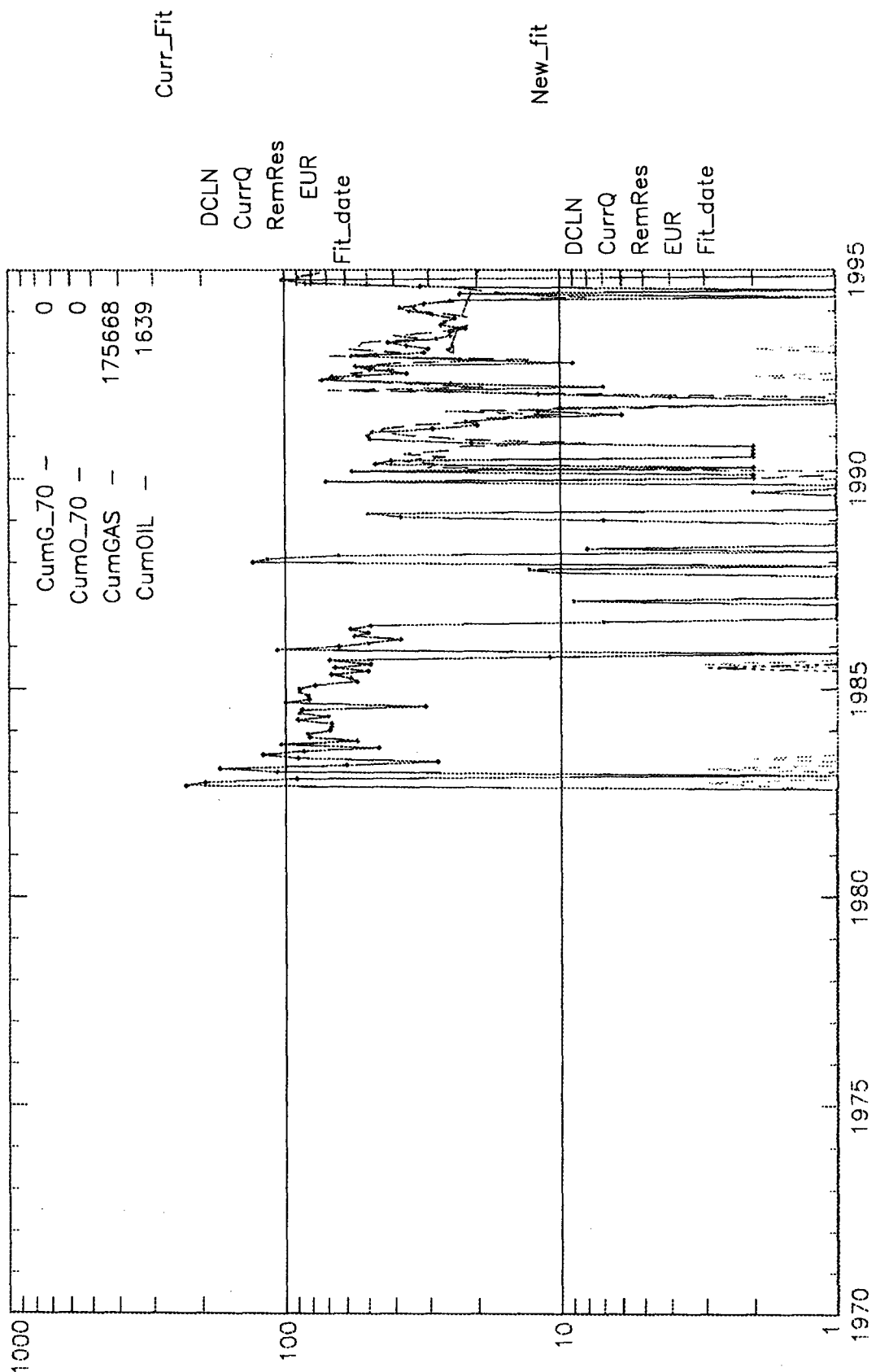
Engr: zdws22

LEFKOVITZ GAS COM B 1E

Operator- AMOCO PRODUCTION CO

300452530500DK P252910-001EDK

APC_WI - 0.50000000



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.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

April 23, 1996

IN REPLY REFER TO:

SF-076956

3162.3-2 (07327)

Pamela W. Staley
Amoco Production Company
P.O. Box 800 1670 Broadway
Denver, Colorado 80201

Dear Ms. Staley:

We have reviewed your application to commingle production downhole from the Blanco Mesaverde and the Basin Dakota Pools in the following well:

**Lefkovitz Gas Com "B" #1E
930' FSL, 940' FEL, Section 25, T-29N, R-10W
San Juan County, New Mexico**

Dakota production is communitized and reported to CA No. SW 250. Mesaverde production is communitized and reports to CA No. SCR 210. Both formations have been productive for some time as a dual completion, however the Dakota formation has been shut-in since mid 1995. Your proposal to selectively test each formation and submit the results of the test and proposed allocation is hereby approved. Please submit a copy of your data to this office for concurrence with your proposed allocation.

If you have any questions regarding this correspondence, please contact Ray Hager at (505) 599-6366.

Sincerely,

/s/ Duane Spencer

Duane Spencer
Team Lead, Petroleum Management

bcc:

New Mexico Oil Conservation Division; Santa Fe
New Mexico Oil Conservation Division, Aztec
07327:RHager: 04/23/96 :x366:Lefkovitz.ltr

DOM Reader
AIRS
CA # NM-73895 (DK)
CA # NM-76174 (MV)

Well File SF-076956, Lefkovitz GC "B" #1E, 930 FSL, 940 FEL, Section 25, T-29N, R-10) W/Application