



**Southern**  
**Rockies**  
**Business**  
**Unit**

March 28, 1996

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

**RECEIVED**  
APR - 8 1996


**OIL CON. DIV.**  
**DIST. 3**

**Application for Exception to Rule 303-C**  
**Downhole Commingling**  
**Jicarilla Contract #148-25 Well**  
**Unit A Section 15-T25N-R5W**  
**Otero Chacra (Pool IDN 82329) and South Blanco Pictured Cliffs (Pool IDN 72439) Pools**  
**Rio Arriba, New Mexico**

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 Haefele  
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

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 87410-1893

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE  
☒ YES ☐ NO

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator  
Jicarilla Contract #148

25

Address  
Unit A Section 15-T25N-R5W

Rio Arriba

Lease

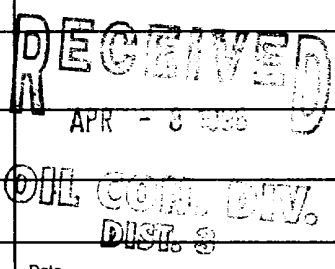
Well No.

Unit Ltr. - Sec Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000740 API NO. 3003922525 Federal ☒ State ☐ (and/or) Fee ☐

|   |  |   |   |
|---|--|---|---|
| The following facts are submitted in support of downhole commingling:   | Upper Zone   | Intermediate Zone   | Lower Zone  |
| 1. Pool Name and Pool Code  | SOUTH BLANCO PICTURED CLIFFS 72439                       |   | OTERO CHACRA 82329  |
| 2. Top and Bottom of Pay Section (Perforations)   | 3234' - 3302'  |   | 4116' - 4140'   |
| 3. Type of production (Oil or Gas)  | GAS  |   | GAS   |
| 4. Method of Production (Flowing or Artificial Lift)  | FLOWING  |   | FLOWING   |
| 5. Bottomhole Pressure<br>Oil Zones - Artificial Lift:<br>Gas & Oil - Flowing:<br>All Gas Zones:<br>Estimated or Measured Original  | a. (Current) 509 PSI<br>b. (Original) 1137 PSI           | a.<br>b.  | a. 464 PSI<br>b. 1022 PSI                                   |
| 6. Oil Gravity (° API) or Gas BTU Content   | 1246 BTU / 48.5 DEG API                                  |   | 1191 BTU / 47.4 DEG API                                     |
| 7. Producing or Shut-In?  | PRODUCING  |   | PRODUCING   |
| Production Marginal? (yes or no)<br>• If Shut-In, give date and oil/gas/water rates of last production<br>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data<br>• If Producing, give date and oil/gas/water rates of recent test (within 60 days) | YES<br>Date:<br>Rates:<br>50 MCFD<br>0 BCPD<br>0.25 BWPD | <br>Date:<br>Rates: | YES<br>Date:<br>Rates:<br>34 MCFD<br>0.01 BCPD<br>0.27 BWPD |
| 8. Fixed Percentage Allocation Formula - % for each zone  | Oil: 0 % Gas 60 %  | Oil: % Gas %  | Oil: 100 % Gas 40 %   |

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 CONTRACT #148

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  TITLE REGULATORY AFFAIRS REP DATE 3/25/96  
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. ( 303 ) 830-5344

Certificate No. 3959

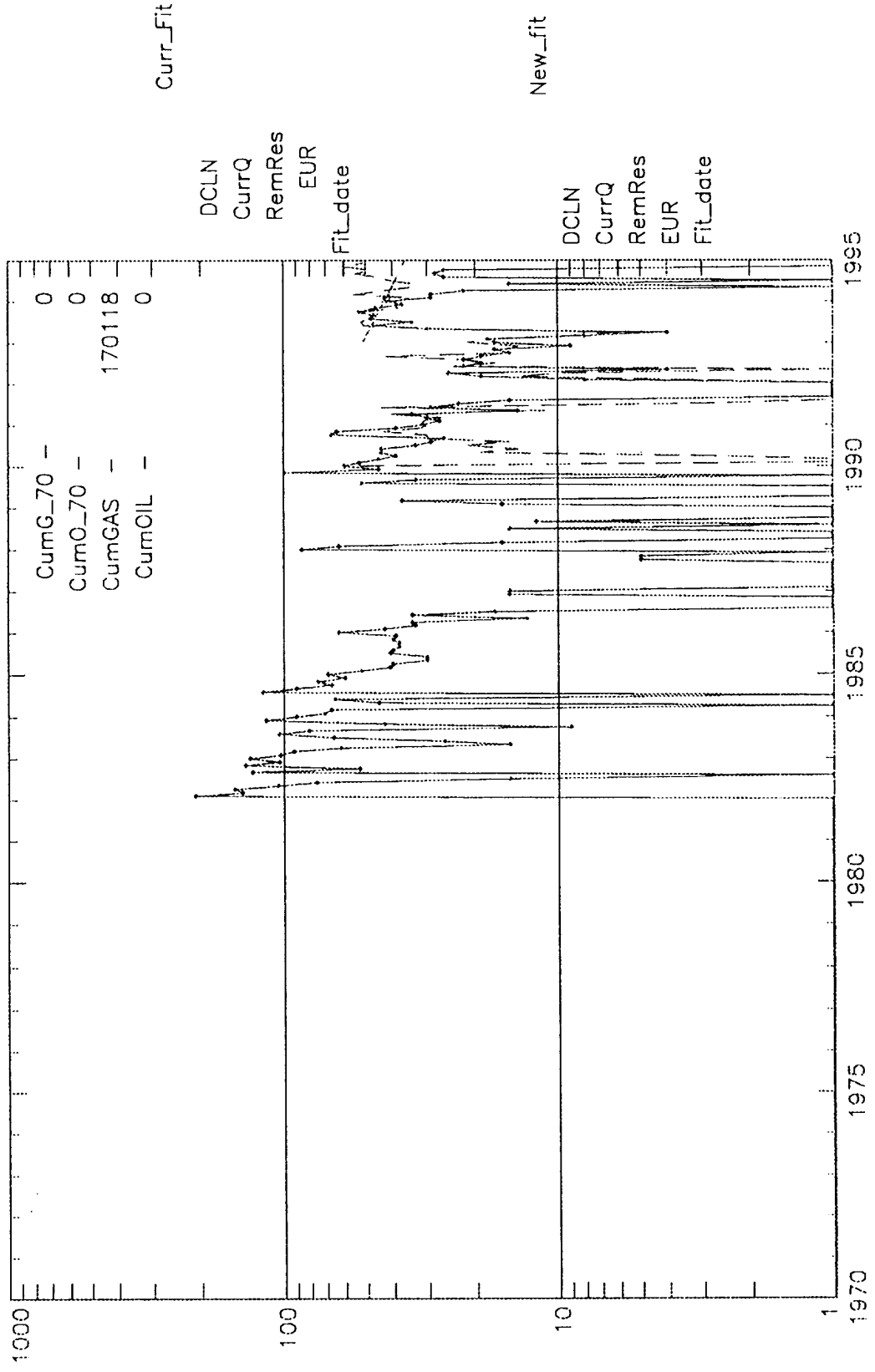
Engr: zhab0b

JICARILLA CONTRACT 148 25

Operator — AMOCO PRODUCTION CO

300392252500CK A152505-025 CK

APC\_WI — 1.0000000



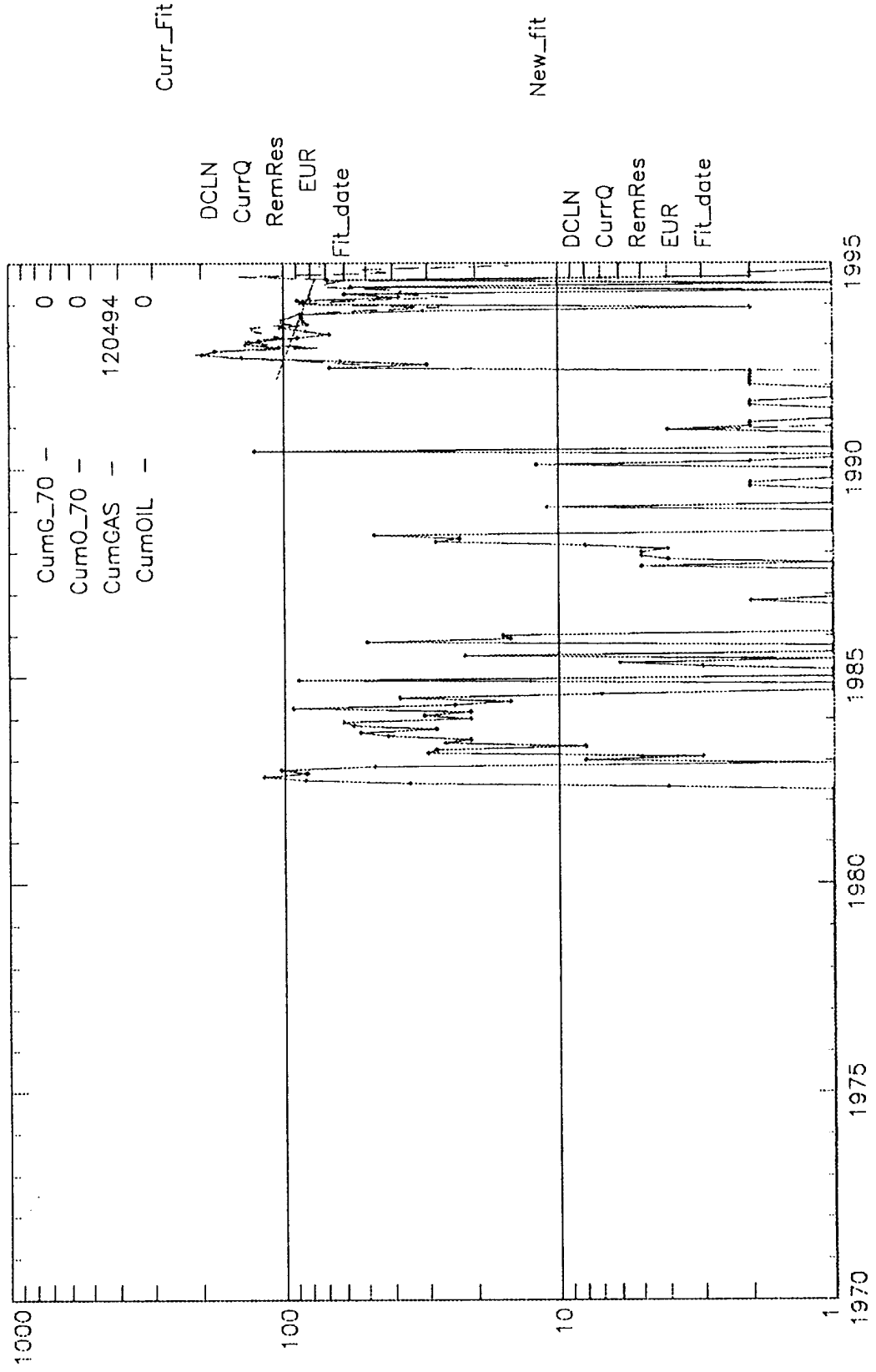
Engr: zhab0b

JICARILLA CONTRACT 148 25

Operator- AMOCO PRODUCTION CO

300392252500PC A152505-025 PC

APC\_WI - 1.0000000



**LIST OF OFFSET OPERATOR ADDRESSES**

Merit Energy Corporation  
P.O. Box 351  
Midland, TX 79702