



**Southern**

**Rockies**

**Business**

**Unit**

April 10, 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 C #2E Well**  
**Unit I Section 14-T26N-R5W**  
**Basin Dakota and Blanco Mesaverde Pools**  
**Rio Arriba County, New Mexico**

**RECEIVED**  
APR 12 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. Interests are common, and Amoco is the only offset operator in these formations so no notice is being given.

Should there be 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

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator  
Jicarilla /C/

2E

Address  
Unit I Section 14-T26N-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 000734 API NO. 3003922314 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	BLANCO MESAVERDE 72319		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	4974' - 5295'	RECEIVED APR 12 1996	7484' - 7684'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING	OIL CON. DIV. DIST. 3	FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated or Measured Original	a. (Current) 499 PSI b. (Original) 1323 PSI	a. b.	a. 886 PSI b. 3056 PSI
6. Oil Gravity (° API) or Gas BTU Content	1214 BTU		1205 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)	Date: 2/96 Rates: 92 MCFD 0.01 BCPD 0.25 BWPD	Date: Rates:	Date: 2/96 Rates: 105 MCFD 0.53 BCPD 0.01 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 2 % Gas 47 %	Oil: % Gas %	Oil: 98 % Gas 53 %

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?  
Have all offset operators been given written notice of the proposed downhole commingling?

☒ Yes ☐ No

☐ Yes ☐ No

☒ 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 Untied States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No JICARILLA C (JICARILLA 108 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

TITLE REGULATORY AFFAIRS REP

DATE 4/9/96

TYPE OR PRINT NAME PAMELA W. STALEY

TELEPHONE NO. ( 303 ) 830-5344

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section

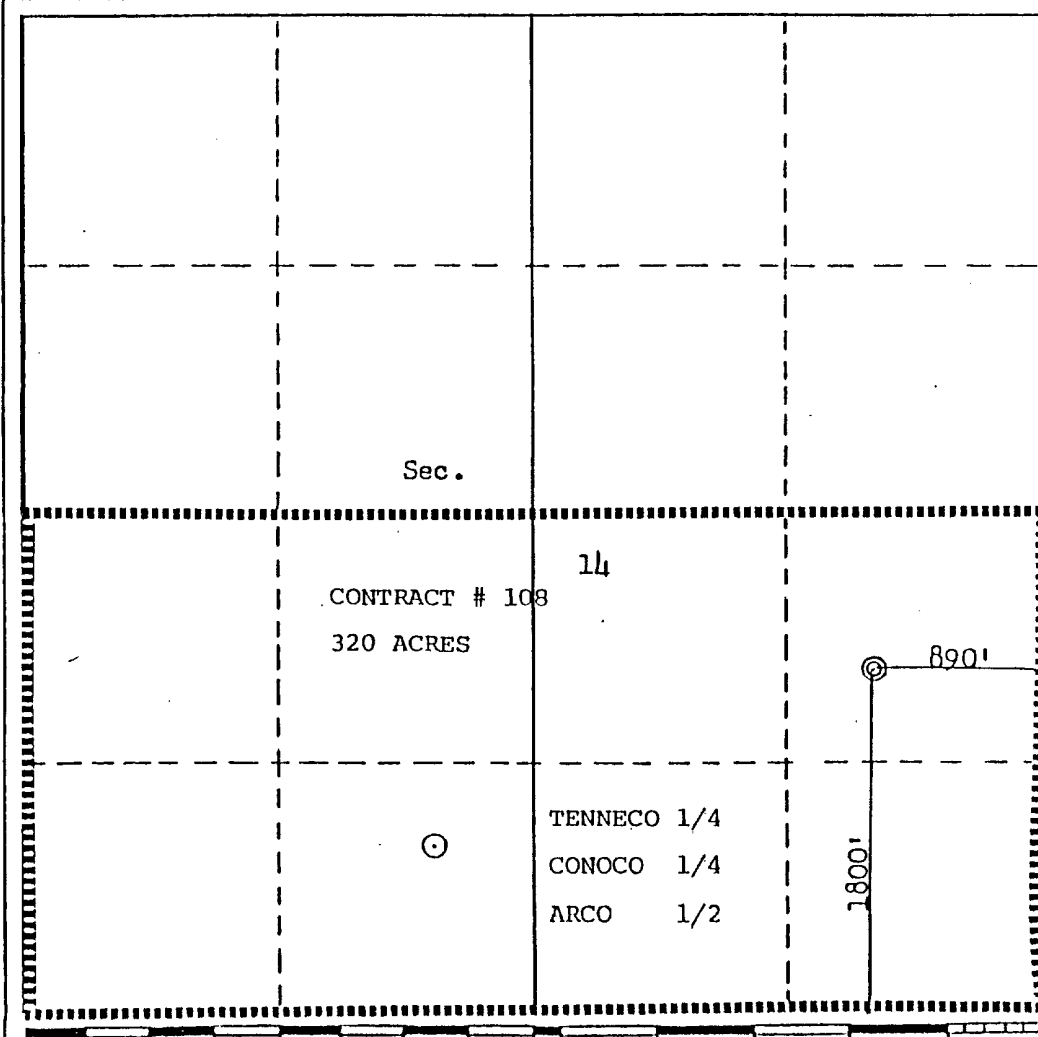
Operator <b>TENNECO OIL COMPANY</b>			Lease <b>JICARILLA "C"</b>		Well No. <b>2 E</b>
Unit Letter <b>I</b>	Section <b>14</b>	Township <b>26N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1800</b> feet from the <b>South</b> line and <b>890</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6713</b>	Producing Formation <b>Dakota /Mesa Verde</b>		Pool <b>Basin Dakota/Blanco Mesa Verde</b>	Dedicated Acreage: <b>320 Acres</b>	

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 \_\_\_\_\_

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.

Name

M. L. FREEMAN

Position

Staff Production Analyst

Company

Tenneco Oil Company

Date

February 1, 1980

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 28, 1979

Registered Professional Engineer  
and/or Land Surveyor

Frederic B. Ferrer Jr.

Certificate No. 12

# Dwights

Lease: JICARILLA C 00002E

Retrieval Code: 251,039,26N05W14I00DK

04/09/96

10<sup>3</sup>  
10<sup>3</sup>

10<sup>5</sup>

10<sup>2</sup>  
10<sup>2</sup>

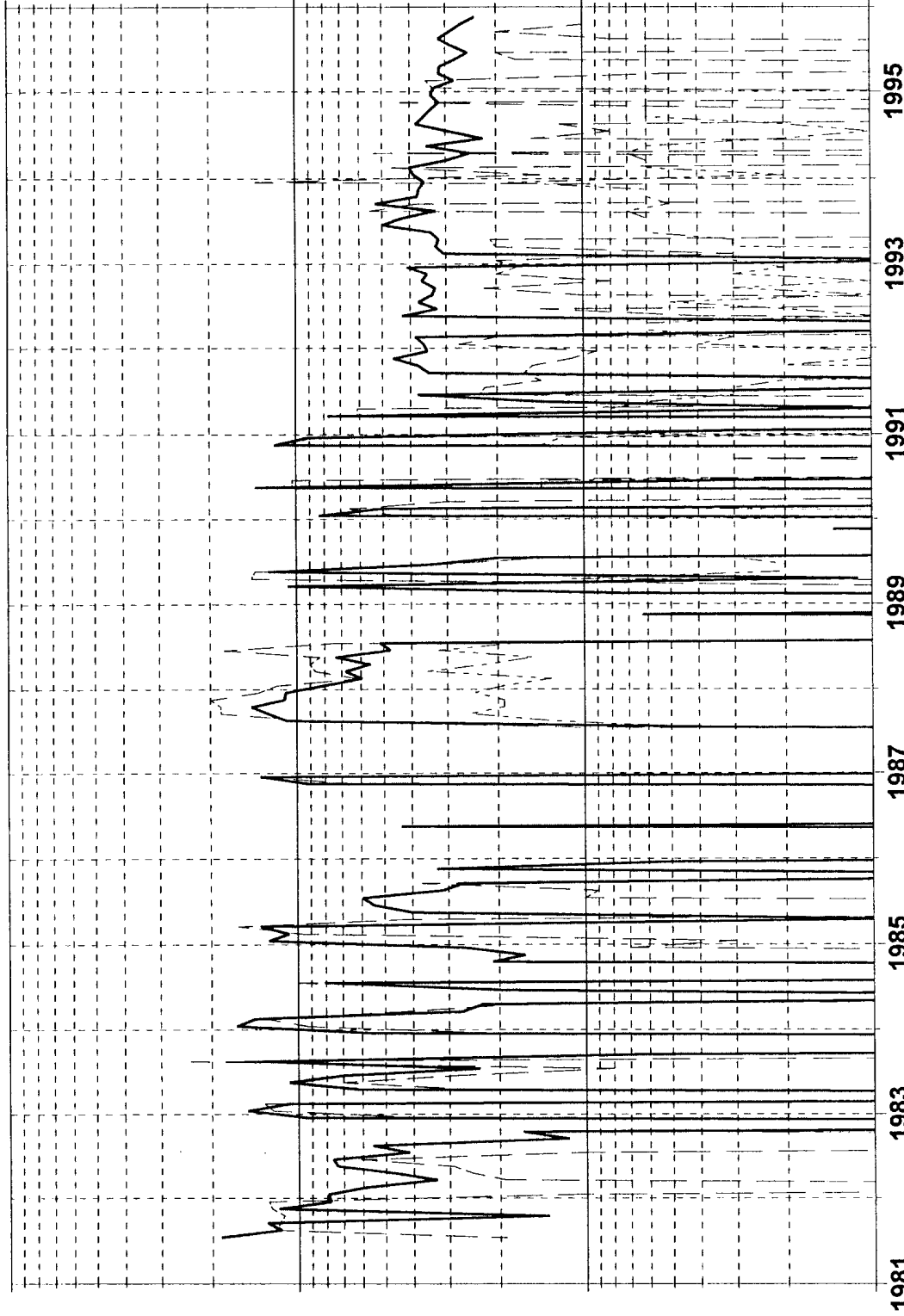
10<sup>4</sup>

10  
10

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1  
1

10<sup>2</sup>



Oil (bbl/mo)

Water (bbl/mo)

Gas (mcf/mo)

F.P. Date: 07/81

County: RIO ARRIBA, NM

Field: BASIN (DAKOTA) DK

Oil Cum: 5785 bbl

Reservoir: DAKOTA

Gas Cum: 693.5 mmcf

Operator: AMOCO PRODUCTION CO

Location: 14I 26N 5W

Dwights

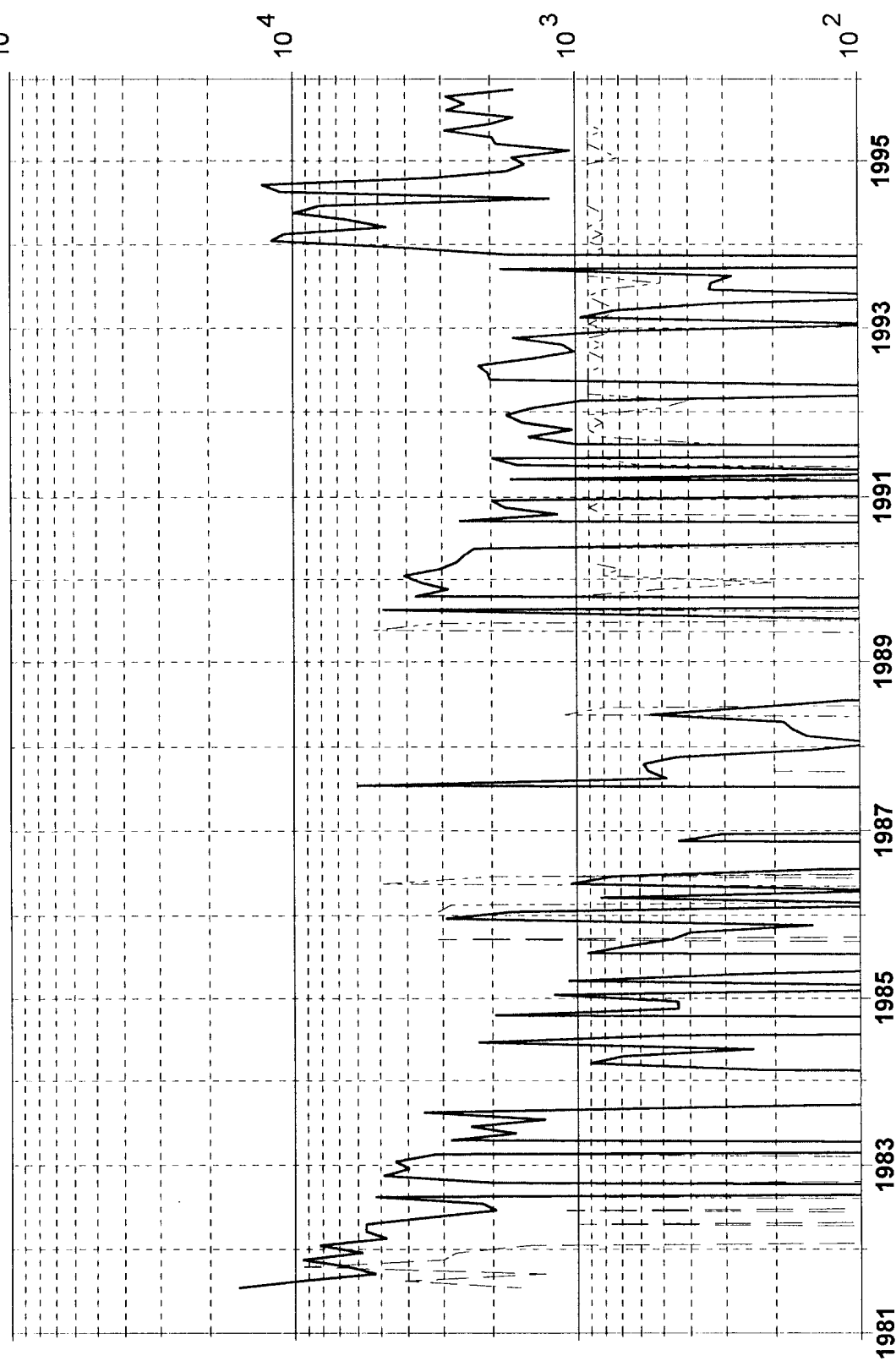
Lease: JICARILLA C 00002E

Retrieval Code: 251,039,26N05W14100MV

04/09/96

10<sup>3</sup>  
10<sup>3</sup>

10<sup>5</sup>



Oil (bbbl/mo)

Water (bbbl/mo)

Gas (mcf/mo)

County: RIO ARRIBA, NM	F.P. Date: 07/81
Field: BLANCO (MESAVERDE) MV	Oil Cum: 342 bbl
Reservoir: MESAVERDE	Gas Cum: 330.4 mmcf
Operator: AMOCO PRODUCTION CO	Location: 141 26N 5W