



DHC 4-29.96

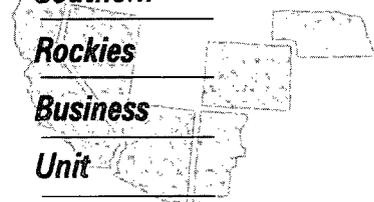
RC'd 4-8-96

Southern

Rockies

Business

Unit



1274

April 2, 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
Russell A #2A Well
Unit C Section 25-T28N-R8W
Blanco Mesaverde and Otero Chacra Pools
San Juan County, 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: Mark Rothenberg
Patty Haefele
Wellfile
Proration file

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 Russell A	2A	C-25-28N-8W	San Juan
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000998 API NO. 3004523704 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	OTERO CHACRA 82329		BLANCO MESAVERDE 72319
2. Top and Bottom of Pay Section (Perforations)	3775' - 3785'		4395' - 4918'
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) 595 PSI (EST)	a.	a. 500 PSI
	b. (Original) 1165 PSI	b.	b. 1260 PSI
6. Oil Gravity (° API) or Gas BTU Content	1148 BTU		1289 BTU
7. Producing or Shut-In?	NEW		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)	(EST) Date: Rates: 58 MCFD 0 BCPD 0 BWPD	Date: Rates:	1/95-1/96 Date: Rates: 79 MCFD 0.83 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 42 %	Oil: % Gas %	Oil: 100 % Gas 58 %

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 NM-013860-A

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 4/2/96
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

3000 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department

Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-23704		2 Pool Code 82329		3 Pool Name Otero Chacra	
4 Property Code 998	5 Property Name Russell A			6 Well Number 2A	
7 OGRID No. 778	8 Operator Name Amoco Production Company			9 Elevation 6302'	

10 Surface Location

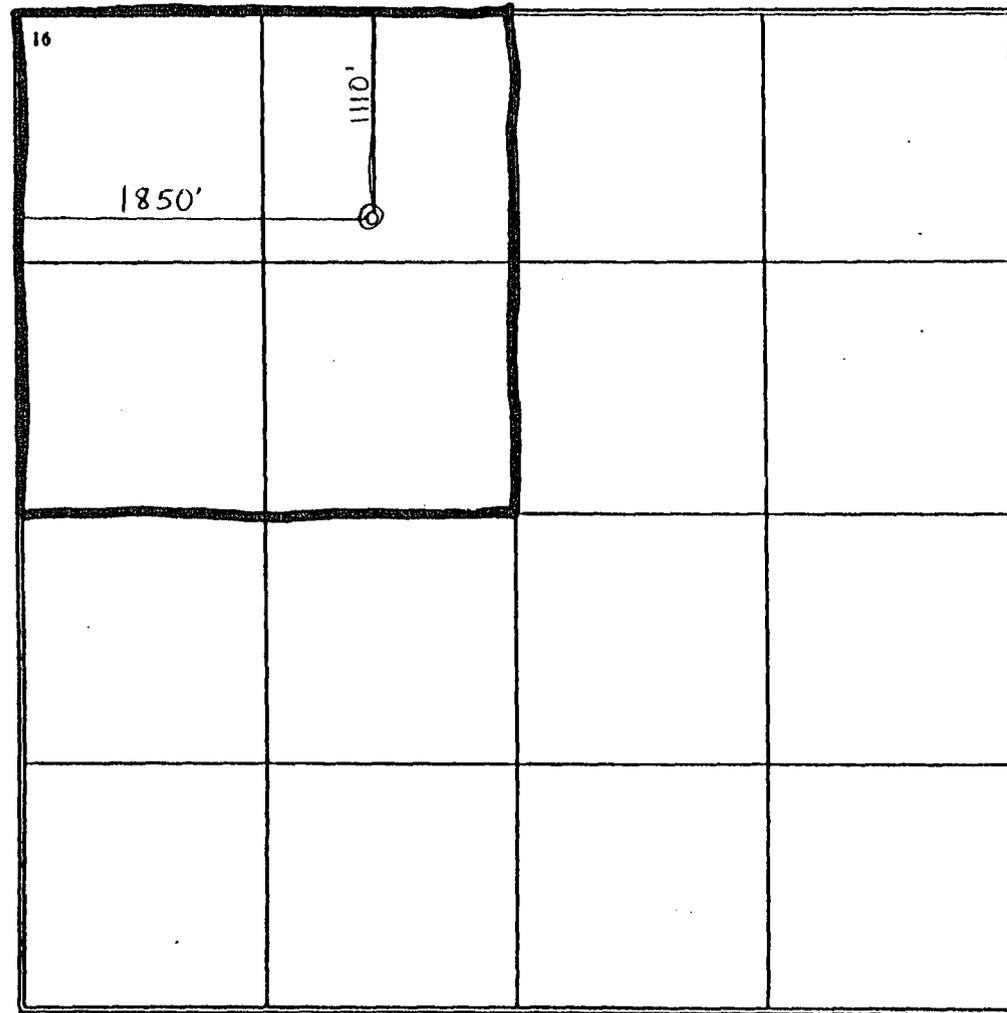
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	28N	8W		1110	North	1850	West	San Juan

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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

Signature: Patty Haefele
 Printed Name: Patty Haefele
 Title: Staff Assistant
 Date: 2/23/96

18 SURVEYOR CERTIFICATION
 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 belief.

Date of Survey: 8/28/79
 Signature and Seal of Professional Surveyor:
 on file
 Certificate Number: 2950 (?)

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

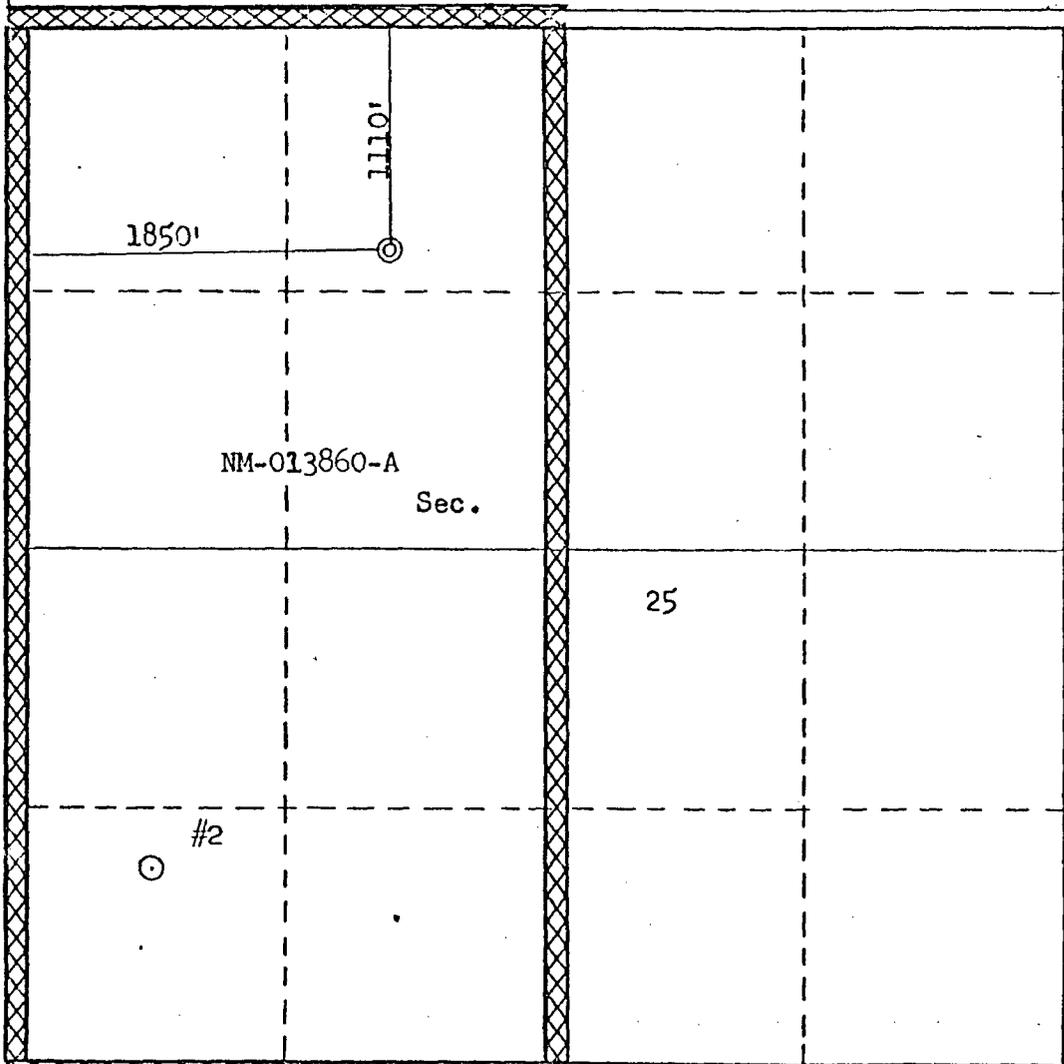
Operator EL PASO NATURAL GAS COMPANY		Lease RUSSELL (NM-013860-A)		Well No. 2A
Unit Letter C	Section 25	Township 28N	Range 8W	County San Juan
Actual Footage Location of Well: 1110 feet from the North line and 1850 feet from the West line				
Ground Level Elev. 6302	Producing Formation Mesa Verde	Pool Blanco Mesa Verde		Dedicated Acreage: 320.00 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 _____

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. NOTE: THIS PLAT IS REISSUED TO REFLECT A MOVED LOCATION. 9-5-79



CERTIFICATION

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

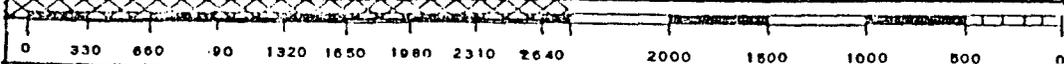
D. P. Dumas

Name _____
 Position **Drilling Clerk**
 Company **El Paso Natural Gas Co.**
 Date **September 18, 1979**

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 **August 28, 1979**

Registered Professional Engineer and/or Land Surveyor
Fred B. Kern Jr.
 Fred B. Kern Jr.
 Certificate No. **3950**



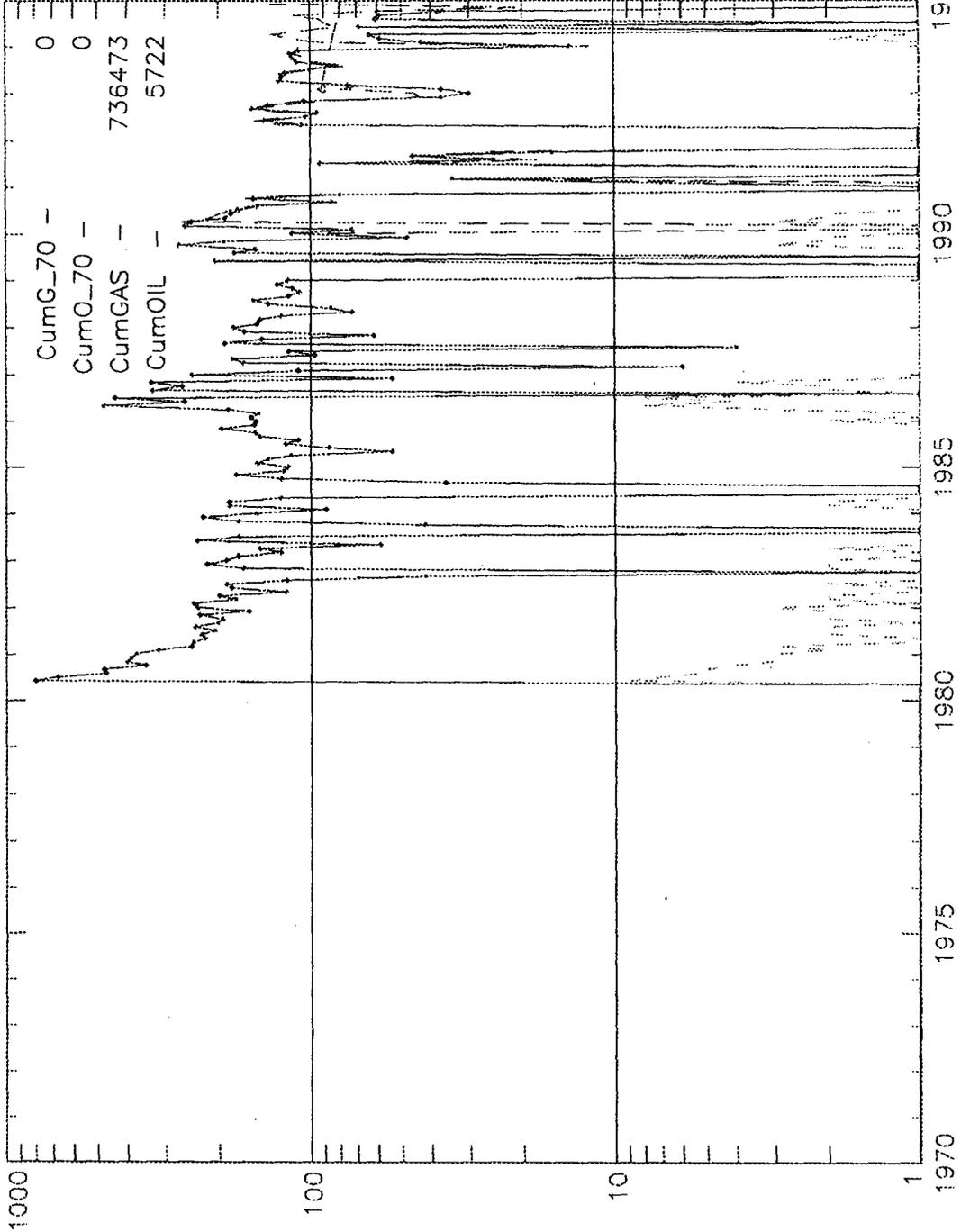
Engr: zrar06

RUSSELL A 2A (Russell 2A)

Operator- AMOCO PRODUCTION CO

300452370400MV C252808-002AMV

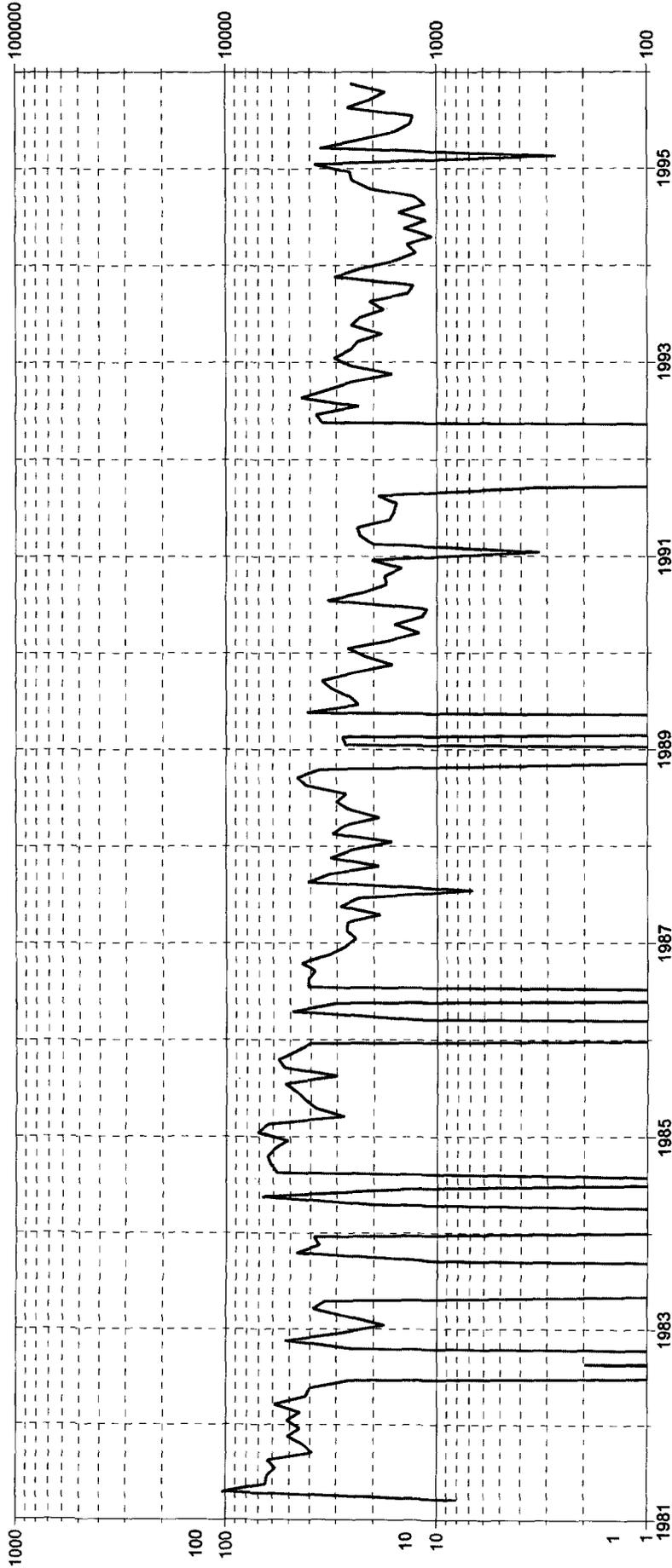
APC_WI - 1.0000000



Dwights

1000 Lease: RUSSELL LS 000012

Retrieval Code: 251,045,28N08W24H00C



County: SAN JUAN

Field: SAN JUAN (CHACRA) CK

Reservoir: CHACRA

Operator: AMOCO PRODUCTION CO

State: NM

Oil Cum: 0 bbl

Gas Cum: 459772 mcf

Location: 24H 28N 8W

F.P. Date: 03/81

Water (bbl/mo)

Oil (bbl/mo)

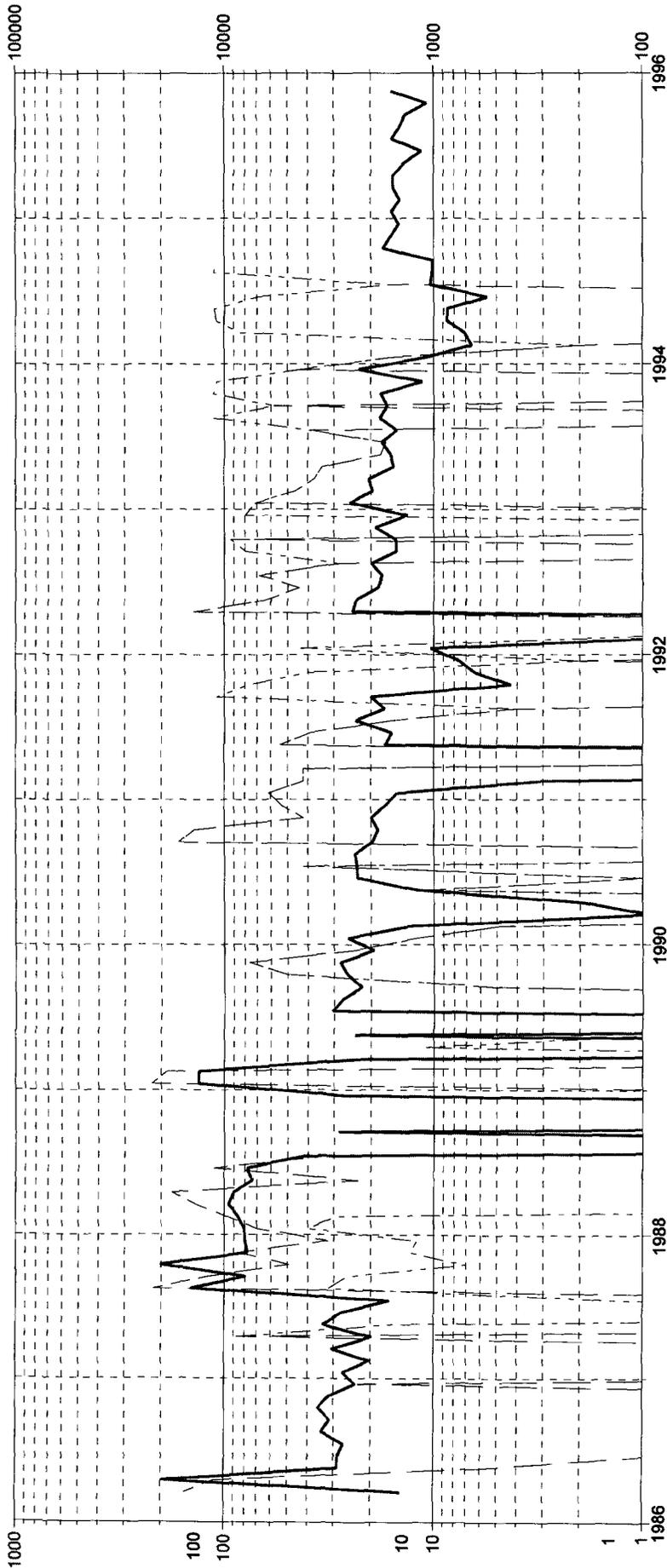
Date: 04/03/96

Gas (mcf/mo)

Dwights

Retrieval Code: 251,045,28N08W28100C

1000 Lease: DRYDEN LS 00001A



County: SAN JUAN

Field: OTERO (CHACRA) CK

Reservoir: CHACRA

Operator: AMOCO PRODUCTION CO

State: NIM

Oil Cum: 3657 bbl

Gas Cum: 327760 mcf

Location: 281 28N 8W

F.P. Date: 03/86

Water (bbl/mo)

Oil (bbl/mo)

Date: 04/03/96

Gas (mcf/mo)

LIST OF OFFSET OPERATORS
Russell A#2A

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