

DHC 1297 6/3/96

Southern

Rockies

Business

Unit

May 7, 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
Eaton A #1E Well
Unit B Section 25-T29N-R11W
Otero Chacra, Blanco Mesaverde, and Basin Dakota 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. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Steve Webb
Gail Jefferson
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

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

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

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

OIL CONSERVATION DIVISION
APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE
☒ YES ☐ NO

Amoco Production Company		P.O. Box 800 Denver, CO 80201	
Operator Eaton A	1E	Address B-25-29N-11W	San Juan
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County
Spacing Unit Lease Types: (check 1 or more)			
OGRID NO. 000778	Property Code 000438	API NO. 3004524437	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	BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	2687' - 2794'	3992' - 4228'	6120' - 6276'
3. Type of production (Oil or Gas)	GAS	GAS	GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING COMMINGLED WITH MESAVERDE	FLOWING COMMINGLED WITH CHACRA	FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) (EST) 269 PSI	a. (EST) 310 PSI	a. (EST) 474 PSI
	b. (Original) 1168 PSI	b. 1433 PSI	b. 2519 PSI
6. Oil Gravity (° API) or Gas BTU Content	1150 BTU	1190 BTU	1220 BTU
7. Producing or Shut-In?	PRODUCING	PRODUCING	PRODUCING
Production Marginal? (yes or 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 • If Producing, give date and oil/gas/water rates of recent test (within 60 days)	YES	YES	YES
	Date: Rates:	Date: Rates:	9/94 1.4 MCFD 0 BCPD 0 BWPD
	Date: Rates: 44 MCFD 0 BCPD 0 BWPD	Date: Rates: SEE CHACRA THIS WELL IS COMMINGLED IN MV/CK	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-047020-B
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. SEE ATTACHED
 - * 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 5/7/96
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

Operator TENNECO OIL COMPANY			Lease MARQUIS G. EATON GAS UNIT "A"		Well No. 1E
Letter B	Section 25	Township 29N	Range 11W	County San Juan	

Actual Footage Location of Well:

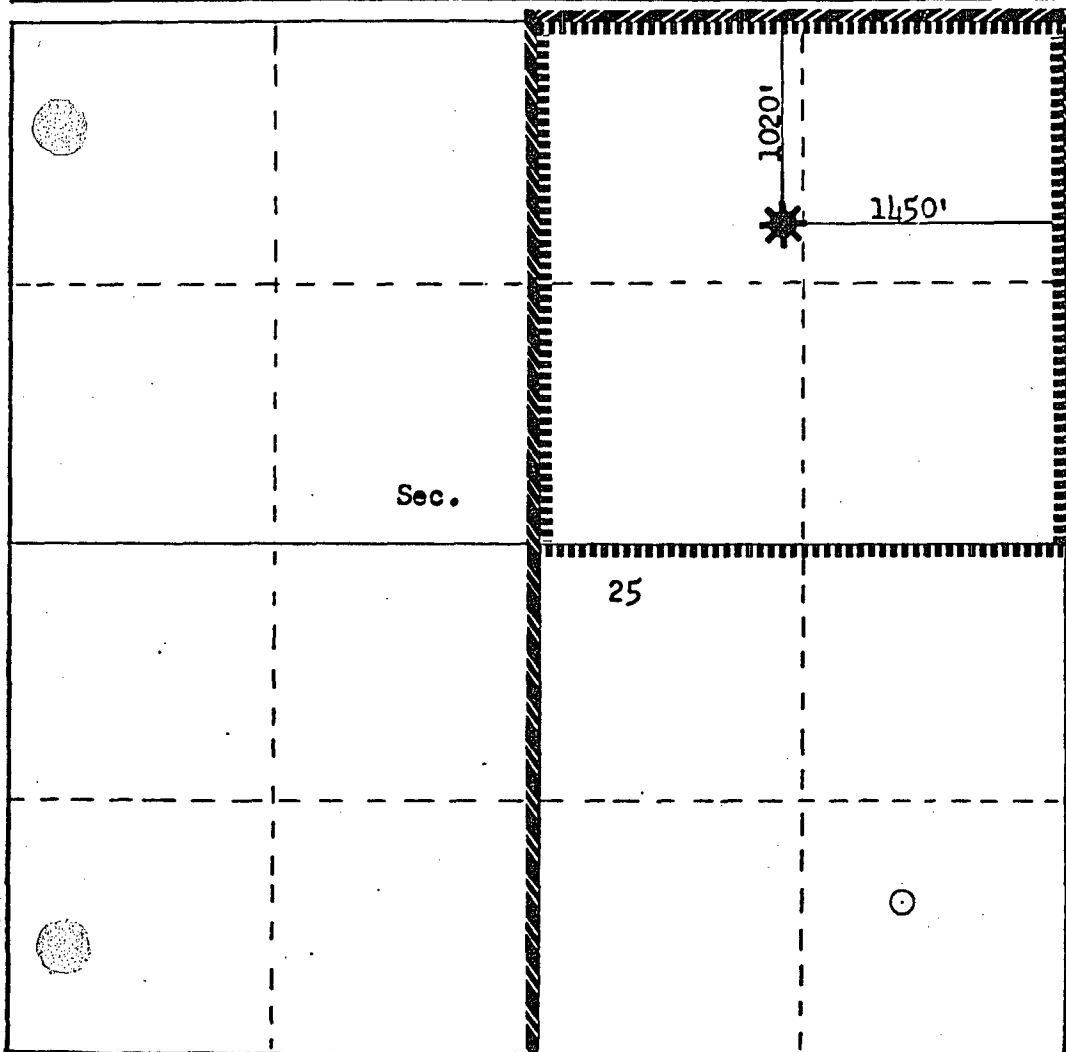
1020	feet from the North	line and	1450	feet from the East	line
Ground Level Elev: 5458	Producing Formation Dakota/M.V./Chacra	Pool Basin Undes. Dakota M.V. Chacra	Dedicated Acreage: 320/160/160		Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 in progress

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.



Scale: 1" = 1000'

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

July 25, 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

July 22, 1980

Registered Professional Engineer and Land Surveyor

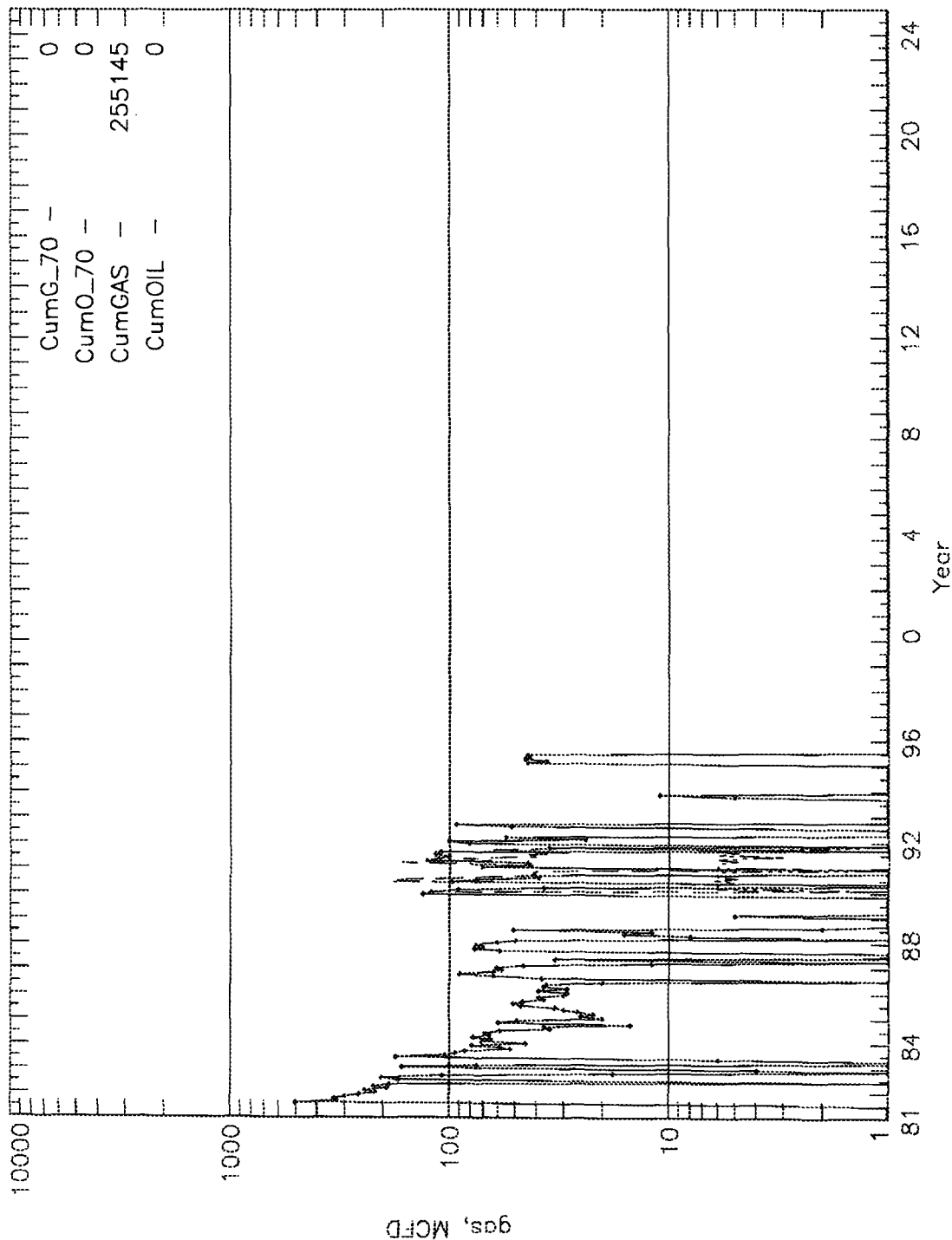
Fred B. Kerr Jr.

Certificate No.

3950

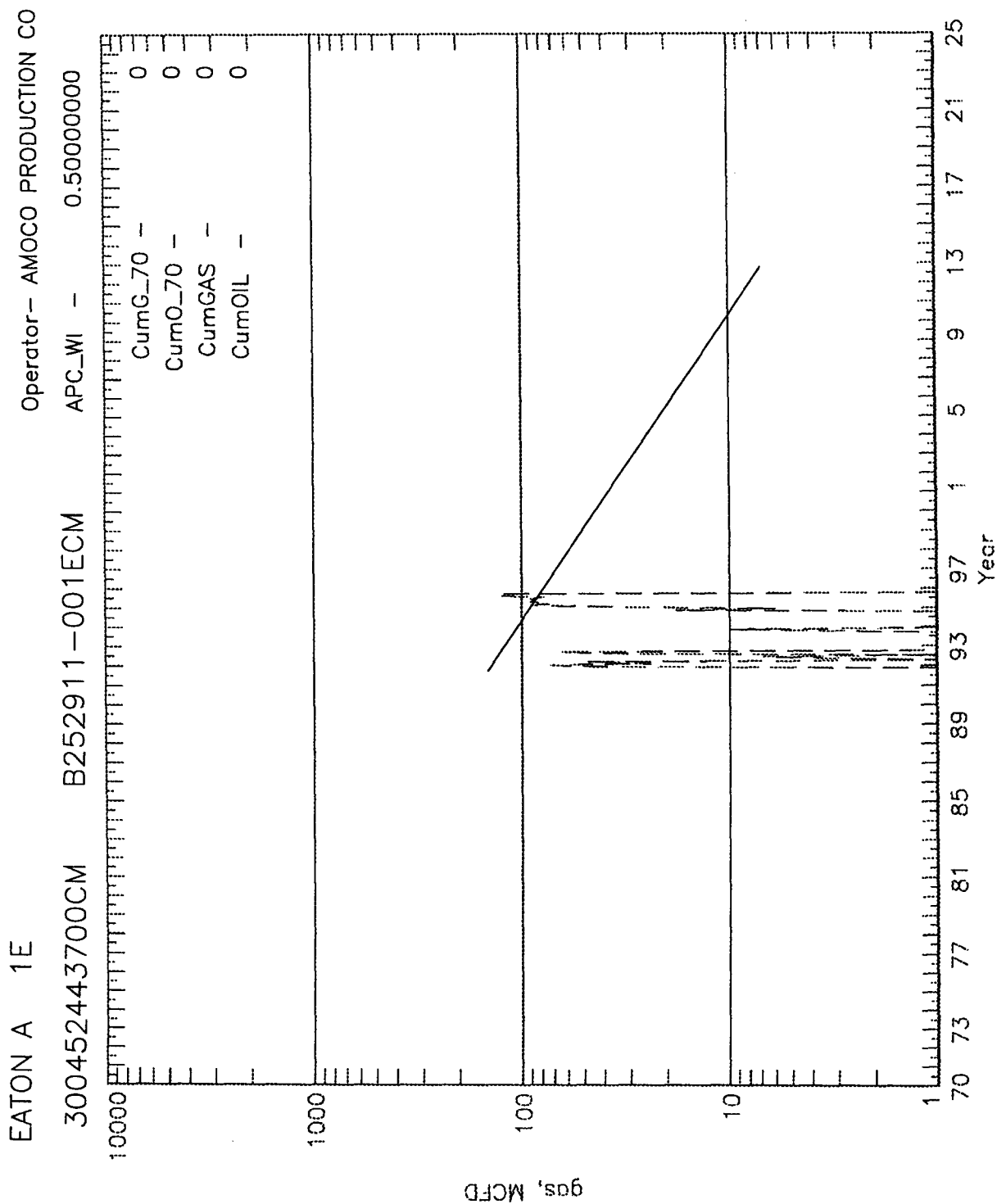
For: zdws22
 Engr: zdws22

EATON A 1E
 300452443700CK B252911-001ECK
 Operator- AMOCO PRODUCTION CO
 APC_WI - 0.50000000



Last Op. Forecast by None in None

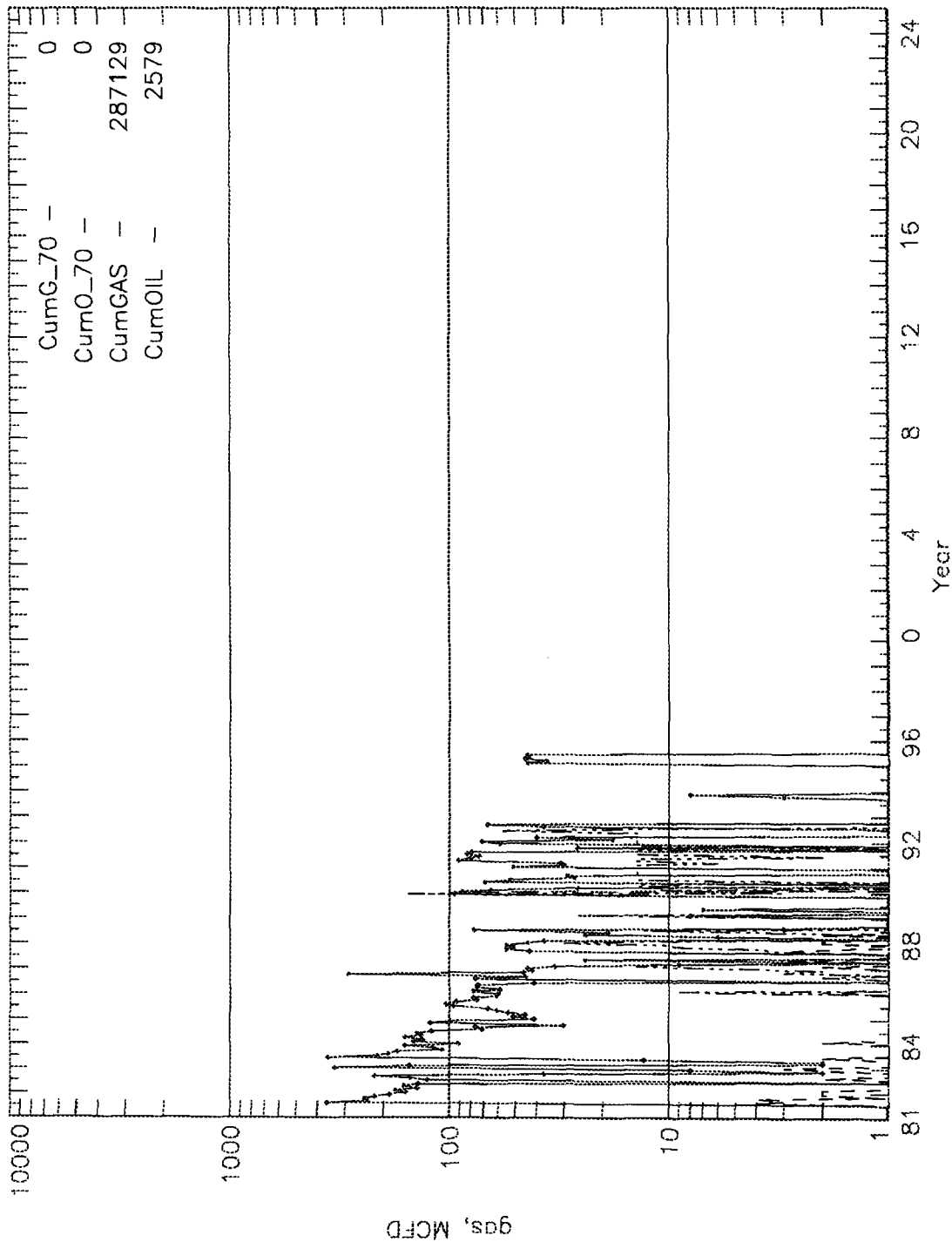
For: zdws22
 Engr: zrar06



Last Op. Forecast by zrar06 in 07/1995

For: zdws22
Engr: zdws22

EATON A 1E
300452443700MV B252911-001EMV
Operator- AMOCO PRODUCTION CO
APC_WI - 0.500000000



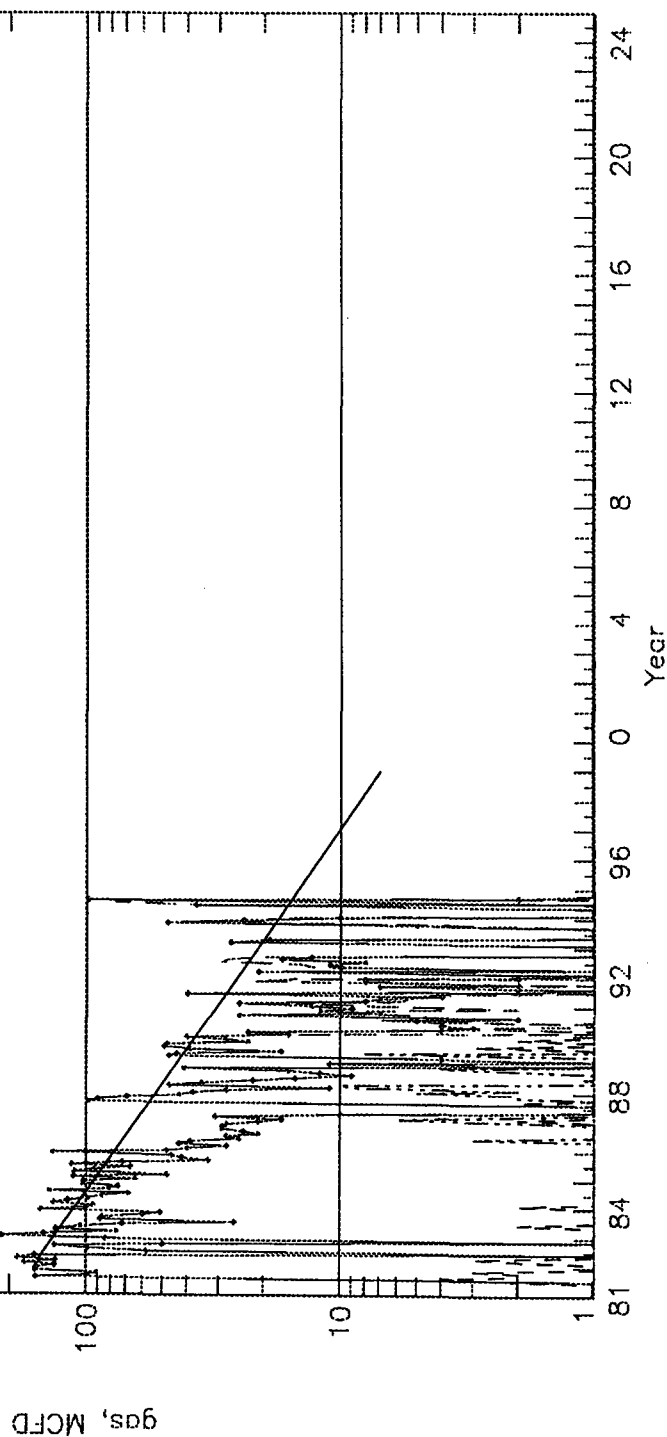
Last Op. Forecast by None in None

For: zdws22
Engr: zrar06

EATON A 1E Operator-- AMOCO PRODUCTION CO

300452443700DK B252911--001EDK APC_WI -- 0.500000000

CumG_70 --	0
CumO_70 --	0
CumGAS --	218669
CumOIL --	2134



69847800 00001 617000 00 AMOCO PRODUCTION COMPANY P O BOX 591 TULSA	ZJAM63 OK 74102-0591	69847800 00001 924850 00 THELMA E DUSTIN JOYCE E MEDARIS ATTY-IN-FACT 404 HONDO DR ROSWELL	ZJAM63 NM 88201-7344
69847800 00001 454278 00 ELDEN R BEACH 4838 S QUEEN ST LITTLETON	ZJAM63 CO 80127-1237	69847800 00001 750737 00 EL PAMCO INC P O BOX 14738 ALBUQUERQUE	ZJAM63 NM 87191-4738
69847800 00001 454277 00 MERLE L BEACH C/O SCOTTS BLUFF NATIONAL BANK & TRUST ACCT NO. 1365412 P O BOX 1708 SCOTTS BLUFF	ZJAM63 NE 69363-1708	69847800 00001 289363 00 DINAH KERR ELLIOTT 3512 78TH DRIVE LUBBOCK	ZJAM63 TX 79423-1220
CHRISTMANN MINERAL COMPANY A TEXAS CORPORATION 1500 BROADWAY SUITE 800 LUBBOCK TX 79401-310		69847800 00001 153326 00 MARILYN B ELLIOTT 7124 TICONDEROGA NE ALBUQUERQUE	ZJAM63 NM 87109-5042
69826900 00001 115719 00 CONTINENTAL HOLDINGS INC ATTN HOLDING ACCOUNT 1000 KIEWIT PLAZA OMAHA	ZJAM63 NE 68131	69826900 00001 682456 00 MARGUERITE SULLIVAN FRAME ESTATE PAULA JAKUBANIS CONSERVATOR C/O SANDY ELLIOT HUTCHISON, HUGINS AND FREDERICK P O BOX 2250 DURANGO	ZJAM63 CO 81302-2250
69847800 00001 142140 00 COWAN FAMILY TRUST JOAN AND TRUY SULLIVAN TRUSTEES 5219 FAIRFAX DR NW ALBUQUERQUE	ZJAM63 NM 87114-4661	HERD PARTNERS LTD A TEXAS LIMITED PARTNERSHIP P O BOX 130 MIDLAND TX 79702-013	
69847800 00001 924700 00 EARL B DARROW JR 913 HERMOSA SE ALBUQUERQUE	ZJAM63 NM 87108-4310	69847800 00001 258067 00 ALICE HICKMAN 321 CHURCH ST AZTEC	ZJAM63 NM 87410-1921
69847800 00001 904037 00 MILDRED DEWEY 1304 FAIRVIEW AVE FARMINGTON	ZJAM63 NM 87401-7548	69847800 00001 686510 00 CELIA A JUDKINS 1709 NORTH WAGON WHEELS PLACE TUCSON	ZJAM63 AZ 85745-1859

69847800 00001
289364 00
JAN KERR
103 TEJON CANYON RD
PLACITAS

ZJAM63
NM 87043

69847800 00001
221685 00
ZELDA M MCWILLIAMS TRUST
2105 W AZTEC BLVD
AZTEC

ZJAM63
NM 87410-1814

KERR MCGEE CORPORATION
E&P REVENUE SECTION
P O BOX 730330
DALLAS TX 75373-033

69847800 00001
533345 00
JOYCE HANNIFIN MEDARIS
404 HONDO DRIVE
ROSWELL

ZJAM63
NM 88201-7344

69847800 00001
599039 01
MANANA GAS INC
2520 TRAMWAY TERRACE CT NE
ALBUQUERQUE

ZJAM63
NM 87122-2317

69826900 00001
497361 46
MERIDIAN OIL PRODUCTION INC
P O BOX 840656
DALLAS

ZJAM63
TX 75284-0656

JACK MARKHAM
1500 BROADWAY
SUITE 1212
LUBBOCK TX 79401-319

69847800 00001
339961 00
JAMES H MILAM
PO BOX 1499
LUBBOCK

ZJAM63
TX 79408-1499

69847800 00001
454200 00
RHONDA BEACH MCELHINEY
101 29 3/4 ROAD
GRAND JUNCTION

ZJAM63
CO 81503

69847800 00001
289365 00
GINGAH KERR MILNES
ROUTE 5 BOX 7756
BIG PINE KEY

ZJAM63
FL 33043-9805

69847800 00001
923626 00
ELMYRA K AND MCKAY
HORACE F MCKAY JR
P O BOX 14738
ALBUQUERQUE

ZJAM63
NM 87191-4738

69826900 00001
710000 01
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
PO BOX 5810 TA
DENVER

ZJAM63
CO 80217-5810

69847800 00001
903560 00
HORACE F MCKAY JR AND
ELMYRA K TRUST
U/T/A DATED 12/19/88
HORACE F JR AND ELMYRA K MCKAY TRUSTEE
P O BOX 14738
ALBUQUERQUE

ZJAM63
NM 87191-4738

69826900 00001
242928 00
SUSAN PIERCE NELSON
4901 CRESTWOOD DR
FARMINGTON

ZJAM63
NM 87402-4863

69826900 00001
917790 00
DAVID G MCLANE
P O BOX 214430
DALLAS

ZJAM63
TX 75221-4430

69847800 00001
553196 00
GAIL L NORTON
4603 29TH STREET
LUBBOCK

ZJAM63
TX 79410-1717

69847800 00001 686182 00 SHERMAN H NORTON JR 5211 BROWNFIELD HWY SUITE 230 LUBBOCK	ZJAM63 TX 79407-3501	69847800 00001 345101 00 H DANIEL AND DOROTHY C SULLIVAN LIVING TRUST DOROTHY SULLIVAN TRUSTEE P O BOX 392 BLOOMFIELD	ZJAM63 NM 87413-0392
69847800 00001 486183 00 WALTER L NORTON 208 STATE STREET NEWBURGH	ZJAM63 IN 47630-1230	69847800 00001 682455 00 R BRUCE SULLIVAN MARY HELENE SULLIVAN SIKES ATTY-N-FACT P O BOX 400 BLOOMFIELD	ZJAM63 NM 87413-0400
69826900 00001 242926 00 DAVID A PIERCE CITIZENS BANK AGENT P O BOX 4140 FARMINGTON	ZJAM63 NM 87499-4140	69826900 00001 129280 00 R BRUCE AND OPAL H SULLIVAN LIFE EST MARY SIKES TRUSTEE TRUST CREATED 11-3-81 REMAINDERMAN P O BOX 400 BLOOMFIELD	ZJAM63 NM 87413-0400
69826900 00001 242927 00 JOHN B PIERCE P O BOX 1006 FRUITLAND	ZJAM63 NM 87416-1006	69826900 00001 246804 00 R BRUCE SULLIVAN IRREVOCABLE INTER VIVOS TRUST DTD 11-3-81 MARY SIKES TRUSTEE P O BOX 400 BLOOMFIELD	ZJAM63 NM 87413-0400
69826900 00001 547021 00 DIRK REEMTSMA CITIZENS BANK AGENT TRUST DEPARTMENT P O BOX 4140 FARMINGTON	ZJAM63 NM 87499-4140	69847800 00001 687191 00 FENNER TUBBS 32220 23RD LUBBOCK	ZJAM63 TX 79410
69826900 00001 547020 00 LANCE REEMTSMA 57A EDGECROFT ROAD KENSINGTON	ZJAM63 CA 94707-1412	69847800 00001 320230 00 VAIO LIMITED PARTNERSHIP EL PAMCO INC GENERAL PARTNER PO BOX 14738 ALBUQUERQUE	ZJAM63 NM 87191-4738
69847800 00001 684932 00 BETTY TEAGUE ROGERS 110 N 4TH ST LOVINGTON	ZJAM63 NM 88260-4106	69847800 00001 917900 00 JOHN VANDERWERKER 17701 AVALON SP #45 CARSON	ZJAM63 CA 90746
69847800 00001 258063 00 BRUCE L AND DURAL D SULLIVAN P O BOX 55 BLOOMFIELD	ZJAM63 NM 87413-0055		

69847800 00001

ZJAM63

153324 00

A R WEBB

C/O FIRST NATIONAL BANK OF BLOOMFIELD

ACCOUNT NO 004-09-4652

1200 WEST BROADWAY

BLOOMFIELD

NM 87413-6790

69826900 00001

ZJAM63

289362 00

KAREN KERR WIENKE

5721 83RD STREET

LUBBOCK

TX 79424-4618

OFFSET OPERATORS

Eaton A #1E

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

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

Dugan Production Corporation
P.O. Box 420
Farmington, New Mexico 87499

Manana Gas, Inc.
2520 Tramway Terrace Crt. NE
Albuquerque, NM 87122