



July 14, 1997

**Amoco Production Company  
San Juan Business Unit**

1670 Broadway  
Post Office Box 800  
Denver, Colorado 80201  
303-830-4040

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

RECEIVED  
JUL 17 1997

OIL CON. DIV.  
DIST. 3

**Application for Exception to Rule 303-A- Downhole Commingling  
Mansfield Com #4E  
Unit G Section 30-T30N-R9W  
Basin Dakota and Blanco Mesaverde 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 you have questions regarding this application, do not hesitate to call me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Mark Yamasaki  
Nancy Whitaker  
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 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<br>Mansfield Com | Well No.<br>4E | Address<br>G-30-30N-9W        | County<br>San Juan |
| Lease                     |                | Unit Ltr. - Sec Twp - Rge     |                    |

OGRID NO. 000778 Property Code 030817 API NO. 3004525842 Spacing Unit Lease Types: (check 1 or more)  
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<br>72319                                                        |                                                                                  | BASIN DAKOTA<br>71599                                                            |
| 2. Top and Bottom of Pay Section (Perforations)                                                                                                                                                          | See Attached List of proposed perforations                                       |                                                                                  | 7138' - 7276'                                                                    |
| 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>Estimated Current<br>Gas & Oil - Flowing:<br>Measured Current<br>All Gas Zones:<br>Estimated or Measured Original                              | a. (Current) 645 PSI (EST.)<br>b. (Original) 1207 PSI                            | a.<br>b.                                                                         | a. 1150 PSI<br>b. 2214 PSI                                                       |
| 6. Oil Gravity (° API) or Gas BTU Content                                                                                                                                                                | 1190 BTU / 49 DEG API                                                            |                                                                                  | 1130 BTU                                                                         |
| 7. Producing or Shut-in?                                                                                                                                                                                 | NEW                                                                              |                                                                                  | PRODUCING                                                                        |
| Production Marginal? (yes or no)                                                                                                                                                                         | NO                                                                               |                                                                                  | YES                                                                              |
| • If Shut-In, give date and oil/gas/water rates of last production<br><br>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data | Date:<br>Rates:                                                                  | Date:<br>Rates:                                                                  | Date:<br>Rates:                                                                  |
| • If Producing, give date and oil/gas/water rates of recent test (within 60 days)                                                                                                                        | (EST. PROD.)<br>600 MCFD<br>0.5 BCPD<br>0 BWPD                                   | Date:<br>Rates:                                                                  | 4/20-5/27/97<br>83 MCFD<br>0 BCPD<br>0 BWPD                                      |
| 8. Fixed Percentage Allocation Formula -% for each zone                                                                                                                                                  | Oil:                      Gas                      %<br>%                      % | Oil:                      Gas                      %<br>%                      % | Oil:                      Gas                      %<br>%                      % |

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. *Recommend submitting allocations based on well tests.*
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-076934 SF-077833 COM I-Sec-771
15. NMOSD 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 ENGR DATE 7/14/97  
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. ( 303 ) 830-5344

**OFFSET OPERATORS**  
**Mansfield Com #4E**

Burlington Resources Oil and Gas Co.  
P.O. Box 4289  
Farmington, NM 87499

Lively Exploration Co.  
1300 Post Oak #1900  
Houston, Texas 77056

**Proposed Mesaverde Perforations**  
**Mansfield Com #4E**

Stage I - 5102, 5036, 5062, 5020, 5002, 4982, 4963, 4893, 4797

Stage 2 - 4711, 4643, 4623, 4612, 4552, 4515, 4508, 4476, 4452, 4432, 4401, 4384

**Production Allocation Recommendation**  
**Mansfield Com #4E**

Amoco proposes to well test the new zone according to procedures acceptable to the Aztec District of the NMOCD and forwarding a proposal for percentage allocation to the NMOCD based on those tests.

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

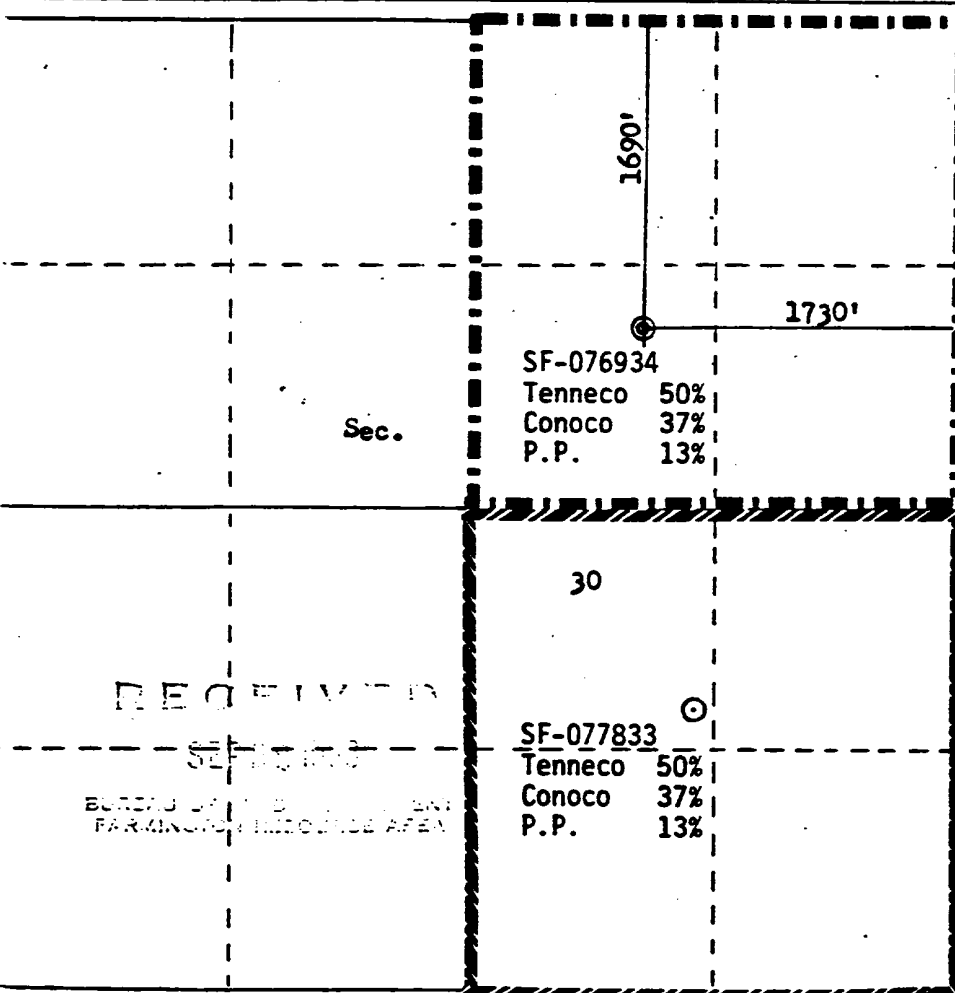
|                                                                                                                                |                                      |                        |                                |                           |                                        |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|--------------------------------|---------------------------|----------------------------------------|
| Lessor<br><b>TENNECO OIL COMPANY</b>                                                                                           |                                      |                        | Lessee<br><b>MANSFIELD COM</b> |                           | Well No.<br><b>LE</b>                  |
| Well Letter<br><b>G</b>                                                                                                        | Section<br><b>30</b>                 | Township<br><b>30N</b> | Range<br><b>9W</b>             | County<br><b>San Juan</b> |                                        |
| Actual Footage Location of Well:<br><b>1690</b> feet from the <b>North</b> line and <b>1730</b> feet from the <b>East</b> line |                                      |                        |                                |                           |                                        |
| Ground Level Elev.<br><b>6141</b>                                                                                              | Producing Formation<br><b>Dakota</b> |                        | Pool<br><b>Basin Dakota</b>    |                           | Dedicated Acreage:<br><b>320</b> Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



Scale: 1"=1000'

# CERTIFICATION

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

*Denise Wilson*

Name

Denise Wilson

Position

Production Analyst

Company

Tenneco Oil Company

Date

September 2, 1983

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 10, 1983

Registered Professional Engineer and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.

3950

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

311 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 and Natural Resources Department

**OIL CONSERVATION DIVISION**

2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                          |                                           |                               |
|--------------------------|-------------------------------------------|-------------------------------|
| API Number<br>3004525842 | Pool Code<br>72319                        | Pool Name<br>Blanco Mesaverde |
| Property Code<br>000817  | Property Name<br>Mansfield Com            | Well Number<br>#4E            |
| OGRID No.<br>000778      | Operator Name<br>AMOCO PRODUCTION COMPANY | Elevation<br>6141             |

**Surface Location**

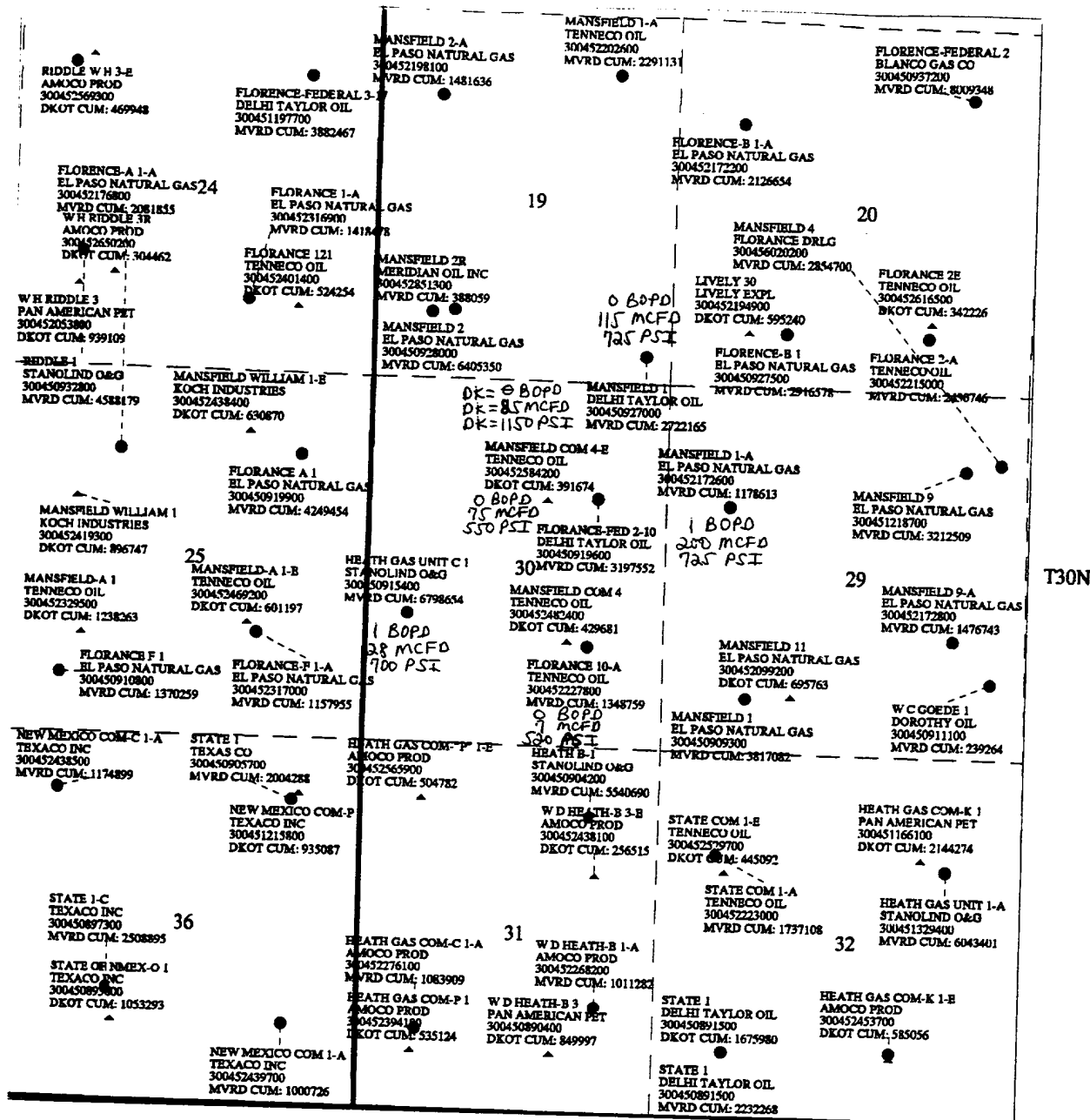
|                         |               |                 |             |          |                       |                           |                       |                        |                    |
|-------------------------|---------------|-----------------|-------------|----------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|
| UL or lot no.<br>UNIT G | Section<br>30 | Township<br>30N | Range<br>9W | Lot. Idn | Feet from the<br>1690 | North/South Line<br>NORTH | Feet from the<br>1730 | East/West Line<br>EAST | County<br>San Juan |
|-------------------------|---------------|-----------------|-------------|----------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|

**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 |
| Dedicated Acreage:<br>320 |         | Joint or Infill | Consolidation Code |          | Order No.     |                  |               |                |        |

**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**

|                                                                                                                                                                                                                             |                                                                                                                         |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------|
|                                                                                                                                                                                                                             | <b>OPERATOR CERTIFICATION</b>                                                                                           |                |
|                                                                                                                                                                                                                             | I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br> |                |
|                                                                                                                                                                                                                             | Signature                                                                                                               |                |
|                                                                                                                                                                                                                             | Printed Name<br>Pat Archuleta                                                                                           |                |
| Position<br>Staff Assistant                                                                                                                                                                                                 |                                                                                                                         | Date<br>5/6/97 |
| <b>SURVEY CERTIFICATION</b>                                                                                                                                                                                                 |                                                                                                                         |                |
| 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. |                                                                                                                         | 09/02/1983     |
| Date of Survey                                                                                                                                                                                                              |                                                                                                                         |                |
| Signature & Seal of Professional Surveyor                                                                                                                                                                                   |                                                                                                                         |                |
|                                                                                                                                                                                                                             |                                                                                                                         |                |
| Certificate No.                                                                                                                                                                                                             |                                                                                                                         | 3950           |



R10W  
Avg. MV rate = 85 MCFD, 0.5 BOPD (49 API gravity)  
Avg. MV pressure = 645 PSI

T29N

## AMOCO PRODUCTION COMPANY

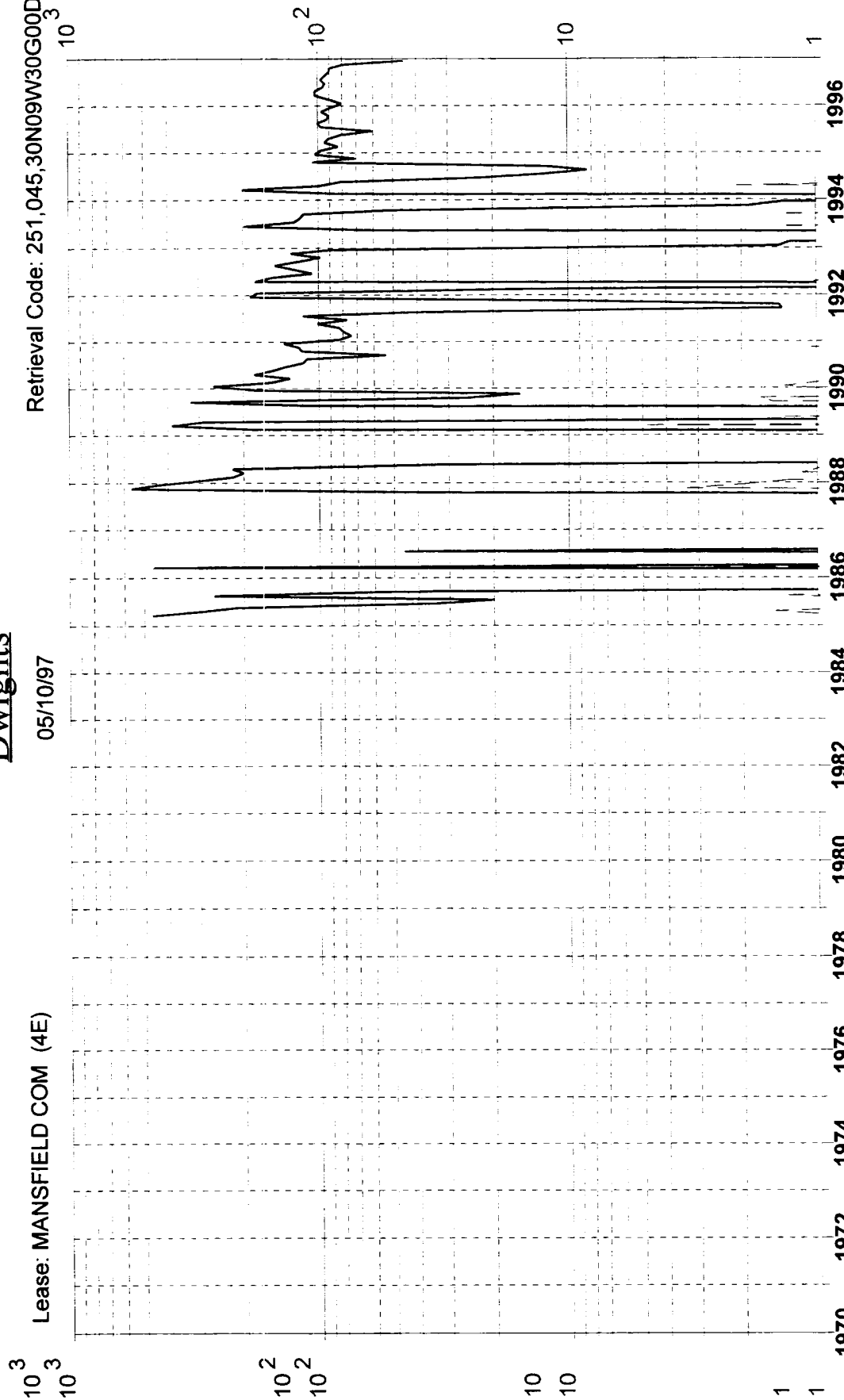
|                   |                                                                                                       |                      |
|-------------------|-------------------------------------------------------------------------------------------------------|----------------------|
| Type of Map:      | Nine-Section Plat                                                                                     |                      |
| Horizon:          | DK and MV                                                                                             |                      |
| Block(s)/Acid(s): | Mansfield Com 4E commingling info.                                                                    |                      |
| Area/County:      | SAN JUAN BASIN, NEW MEXICO                                                                            | License:             |
| Interpreter(s):   |                                                                                                       | Date: April 24, 1987 |
| Scale: 1:27000    | Contour Interval:                                                                                     |                      |
| Remarks:          | SECTION MAP WITH CUMULATIVE PRODUCTION<br>DK and MV Wells DK Triangles MV Circles<br>Sec. 36-1300-200 |                      |
| File File No.:    | Draft by: E. Bachorski                                                                                |                      |

# Dwights

Lease: MANSFIELD COM (4E)

05/10/97

Retrieval Code: 251,045,30N09W30G00DK  
3



Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

F.P. Date: 03/85

County: SAN JUAN, NM

Oil Cum: 1751 bbl

Field: BASIN (DAKOTA) DK

Gas Cum: 391.7 mmcf

Reservoir: DAKOTA

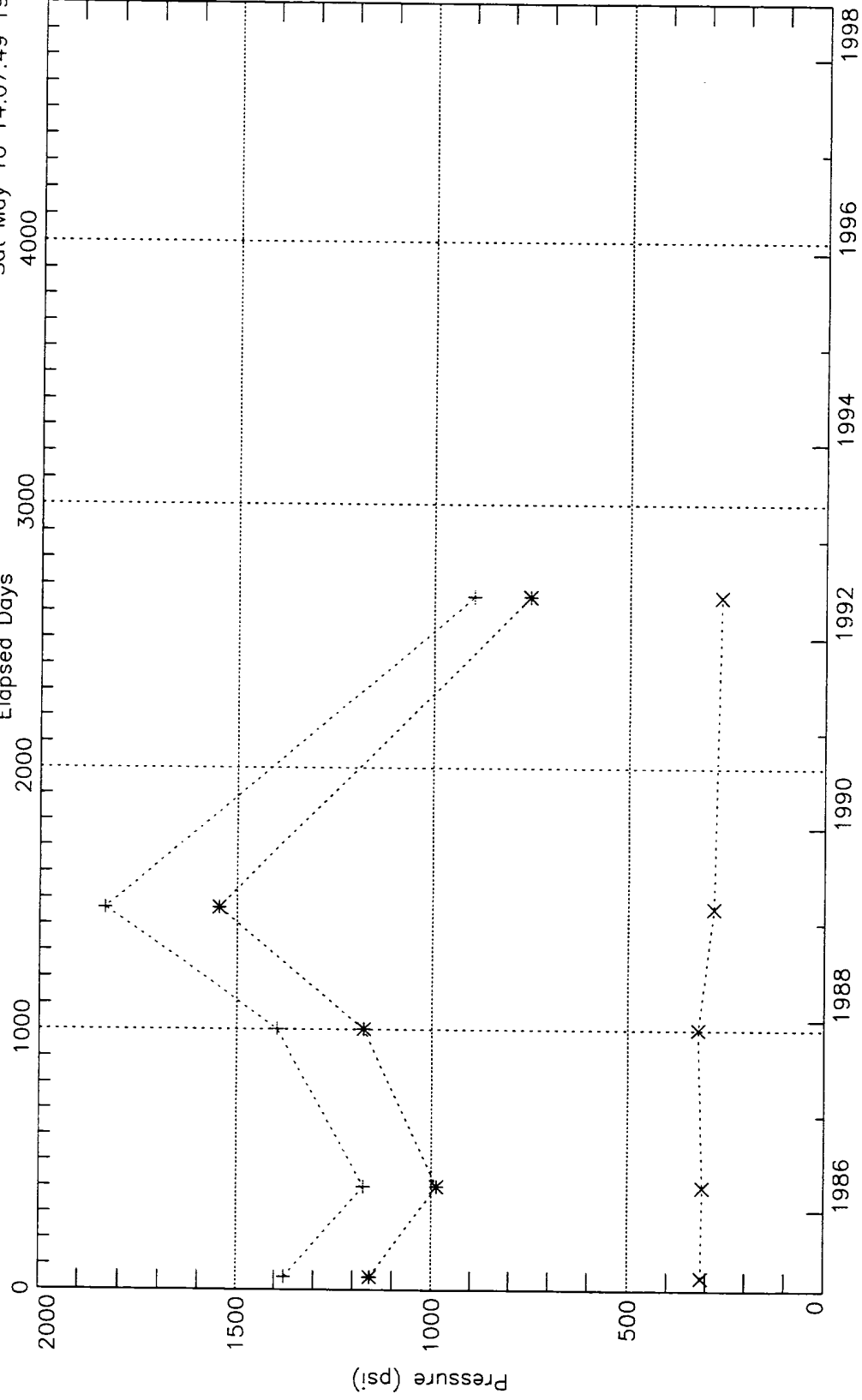
Location: 30G 30N 9W

Operator: AMOCO PRODUCTION CO

User: zrar06  
Owner: 2DMHF

# Single Well Gas3D

Description 1  
Sat May 10 14:07:49 1997



WH\_SIP (\*)  
BHP (+)  
WH\_FTP (x)

Date (Years)

Well ID: 300452584200 602DKOT  
Well Name: MANSFIELD COM 4E E004G30  
Operator: AMOCO PRODUCTION COMPANY

# Dwights

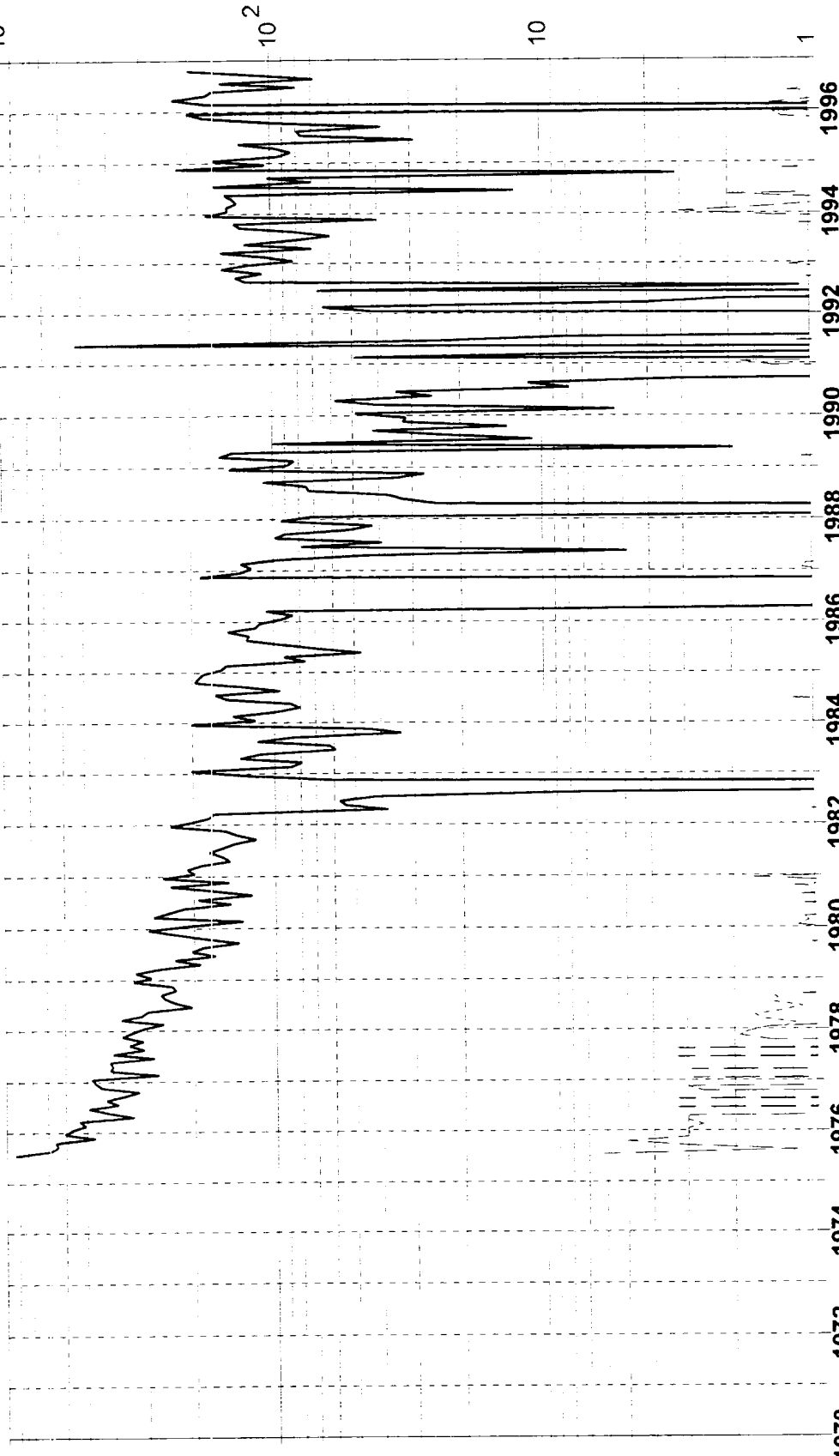
Lease: MANSFIELD (1A)  
04/25/97  
Retrieval Code: 251,045,30N09W29E00MV

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

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

10  
10

1  
1



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

F.P. Date: 07/75

County: SAN JUAN, NM

Field: BLANCO (MESAVERDE) MV Oil Cum: 4990 bbl

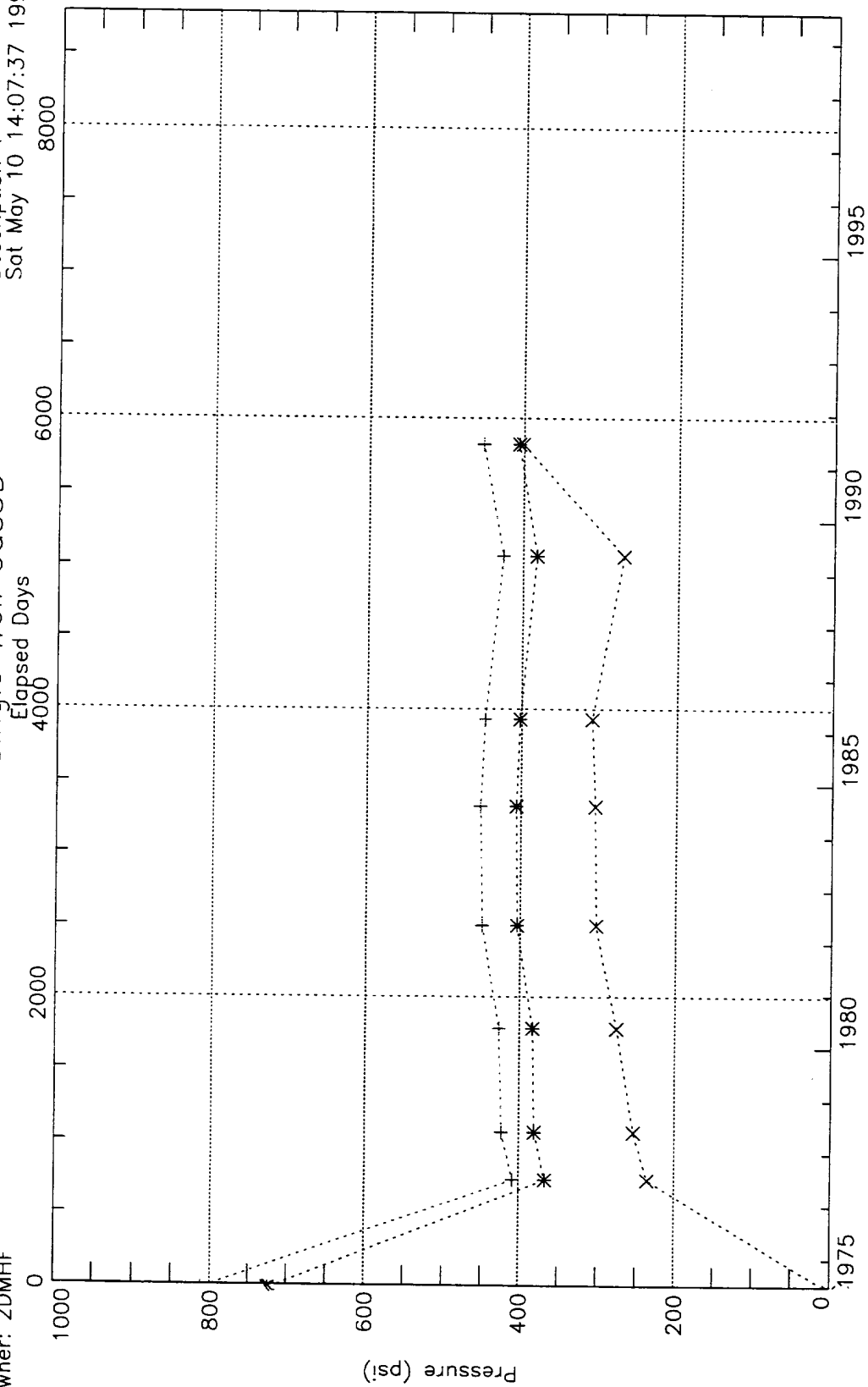
Reservoir: MESAVERDE Gas Cum: 1179 mmcf

Operator: BURLINGTON RES O&G CO Location: 29E 30N 9W

User: zrar06  
Owner: 2DMHF

# Single Well Gas3D

Description 1  
Sat May 10 14:07:37 1997



WH\_SIP (\*)  
BHP (+)  
WH\_FTP (x)

Date (Years)

Well ID: 300452172600 604MVRD  
Well Name: MANSFIELD 1-A  
Operator: MERIDIAN OIL INCORPORATED

# Dwights

Lease: HEATH GAS COM C (1)

04/24/97

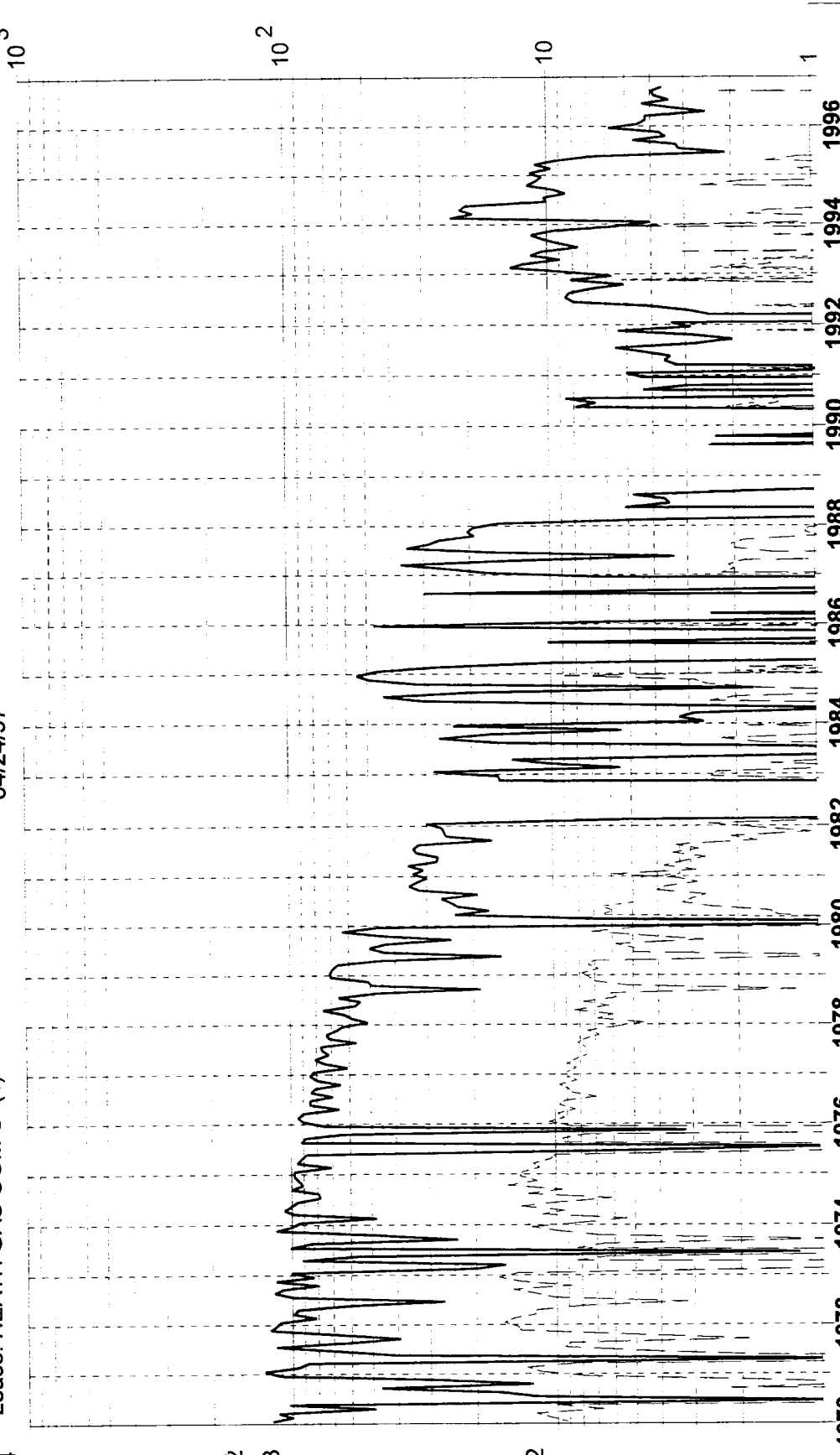
Retrieval Code: 251,045,30N09W30K00MV

10<sup>3</sup>  
10<sup>4</sup>

10<sup>2</sup>  
10<sup>3</sup>

10<sup>2</sup>  
10<sup>3</sup>

1  
10



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

F.P. Date: 04/54

County: SAN JUAN, NM

Oil Cum: 62.86 mmbbl

Field: BLANCO (MESAVERDE) MV

Gas Cum: 6796 mmcf

Reservoir: MESAVERDE

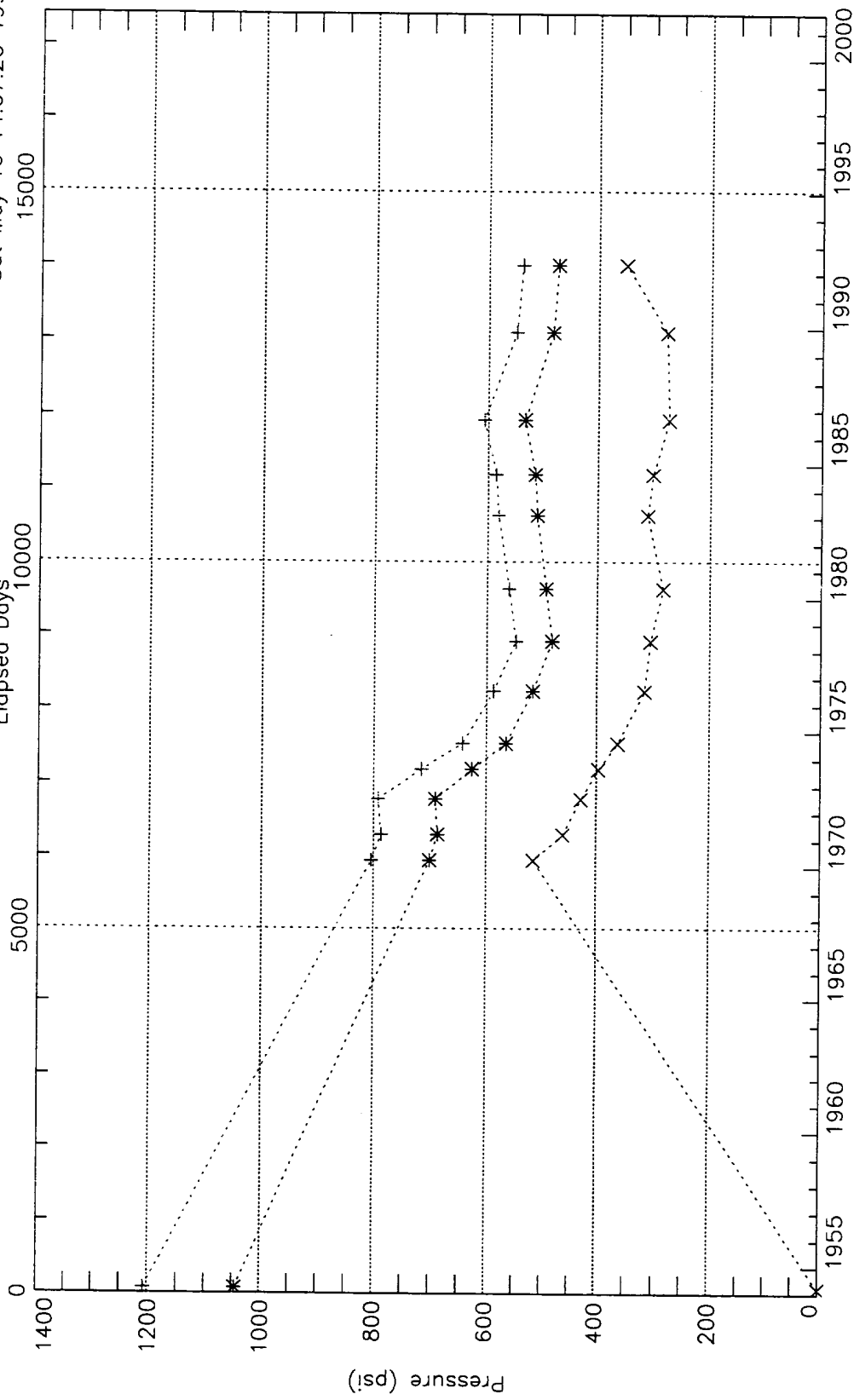
Location: 30K 30N 9W

Operator: AMOCO PRODUCTION CO

User: zrar06  
Owner: 2DMHF

# Single Well Gas3D

Description 1  
Sat May 10 14:07:26 1997



WH\_SIP (\*)  
BHP (+)  
WH\_FTP (x)

Date (Years)

Well ID: 300450915400 604MVRD  
Well Name: HEATH GAS COM /C/ 001K30  
Operator: AMOCO PROD

# Dwights

Lease: FLORANCE (10A)

04/24/97

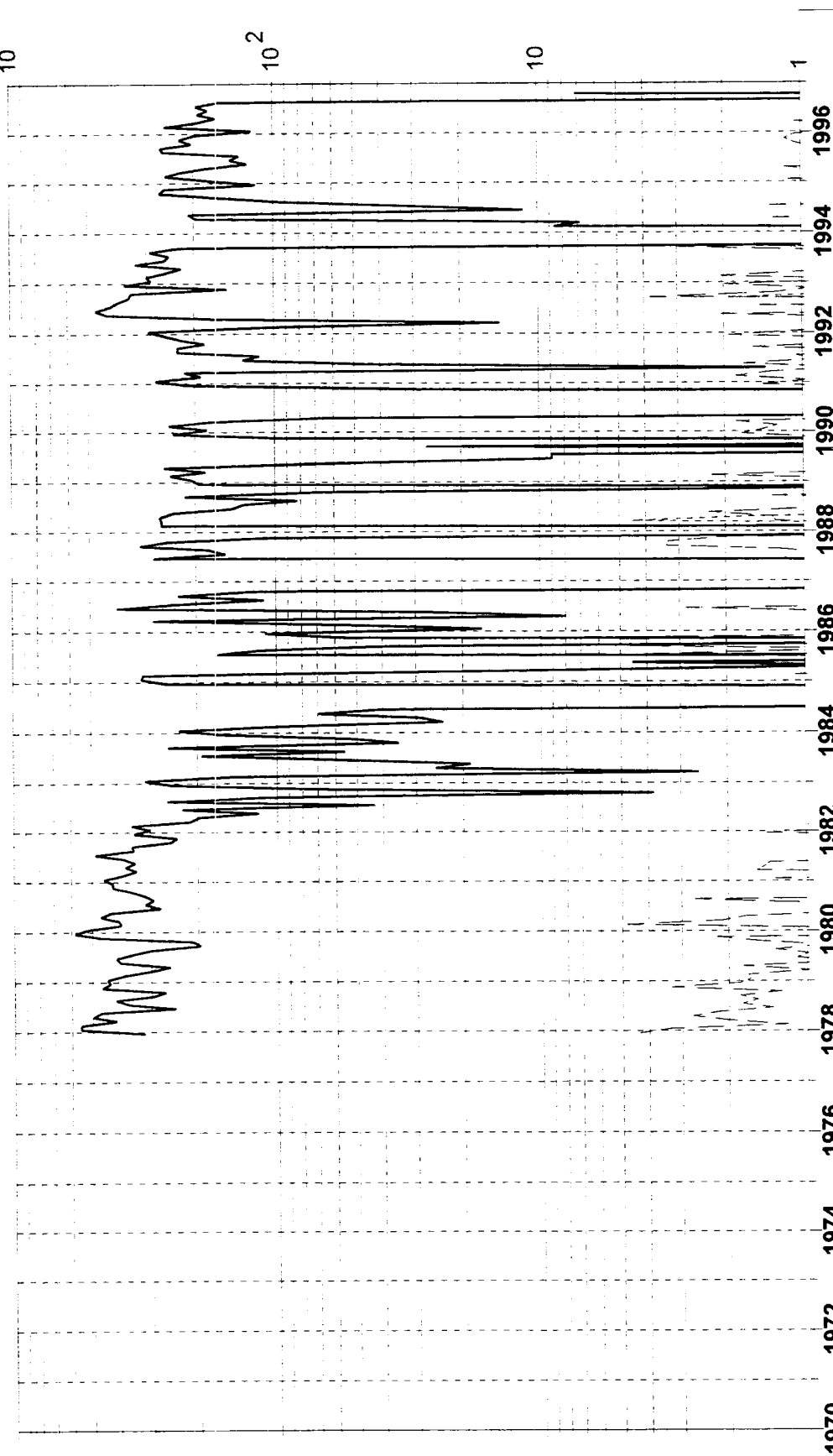
Retrieval Code: 251,045,30N09W30I00MV

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

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

10  
10

1  
1



Gas (mcf/day)

Water (bbl/day)

Oil (bbl/day)

County: SAN JUAN, NM

F.P. Date: 12/77

Field: BLANCO (MESAVERDE) MV

Oil Cum: 5405 bbl

Reservoir: MESAVERDE

Gas Cum: 1330 mmcf

Operator: AMOCO PRODUCTION CO

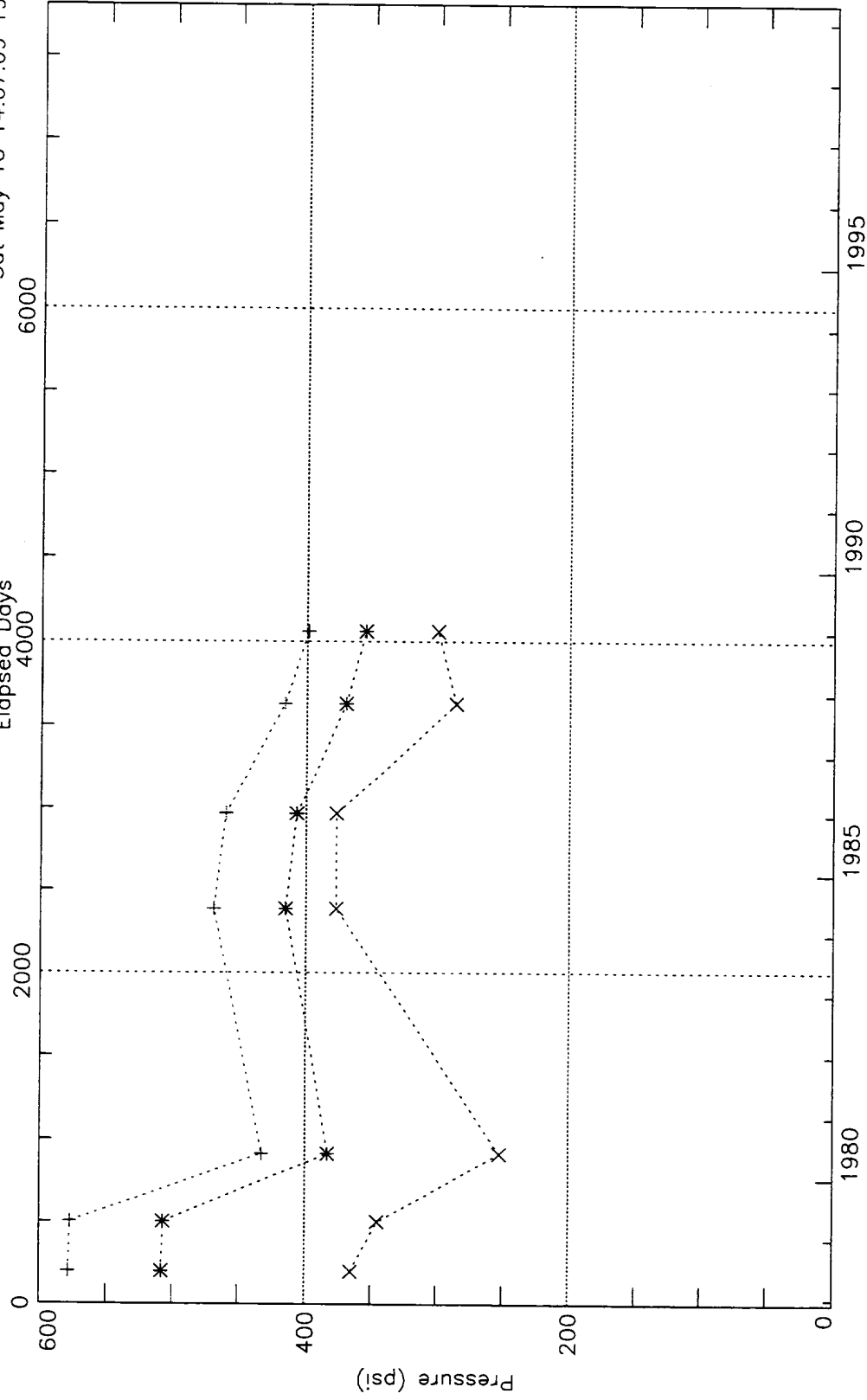
Location: 30I 30N 9W

User: zrar06  
Owner: 2DMHF

# Single Well Gas3D

Description 1  
Sat May 10 14:07:09 1997

Elapsed Days



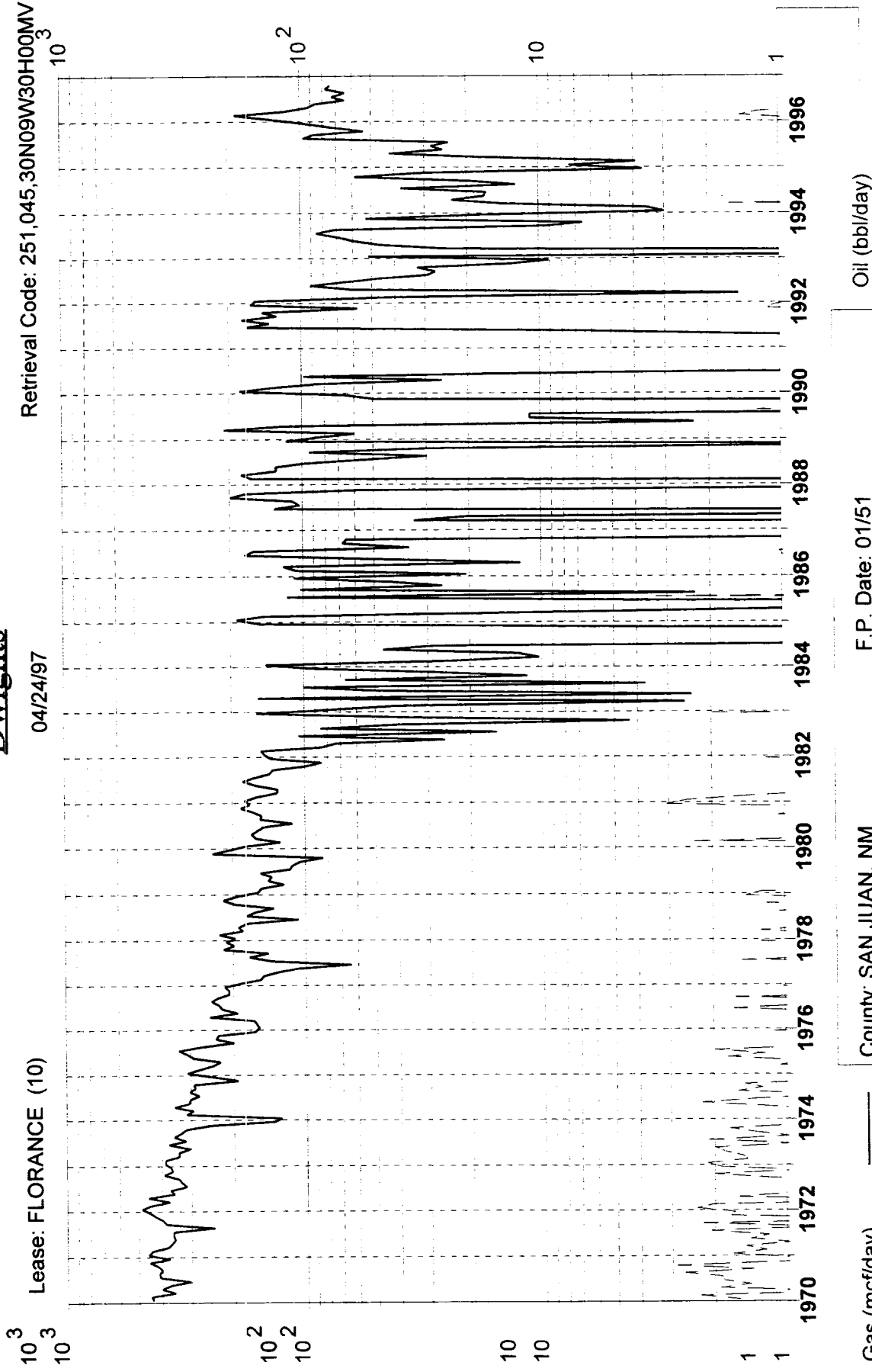
WH\_SIP (\*)  
BHP (+)  
WH\_FTP (x)

Date (Years)

Well ID: 300452227800 604MVRD  
Well Name: FLORANCE 10,10A /MV/ 10A /FT/ A010I30  
Operator: AMOCO PRODUCTION COMPANY

# Dwights

Lease: FLORANCE (10)  
04/24/97  
Retrieval Code: 251,045,30N09W30H00MV

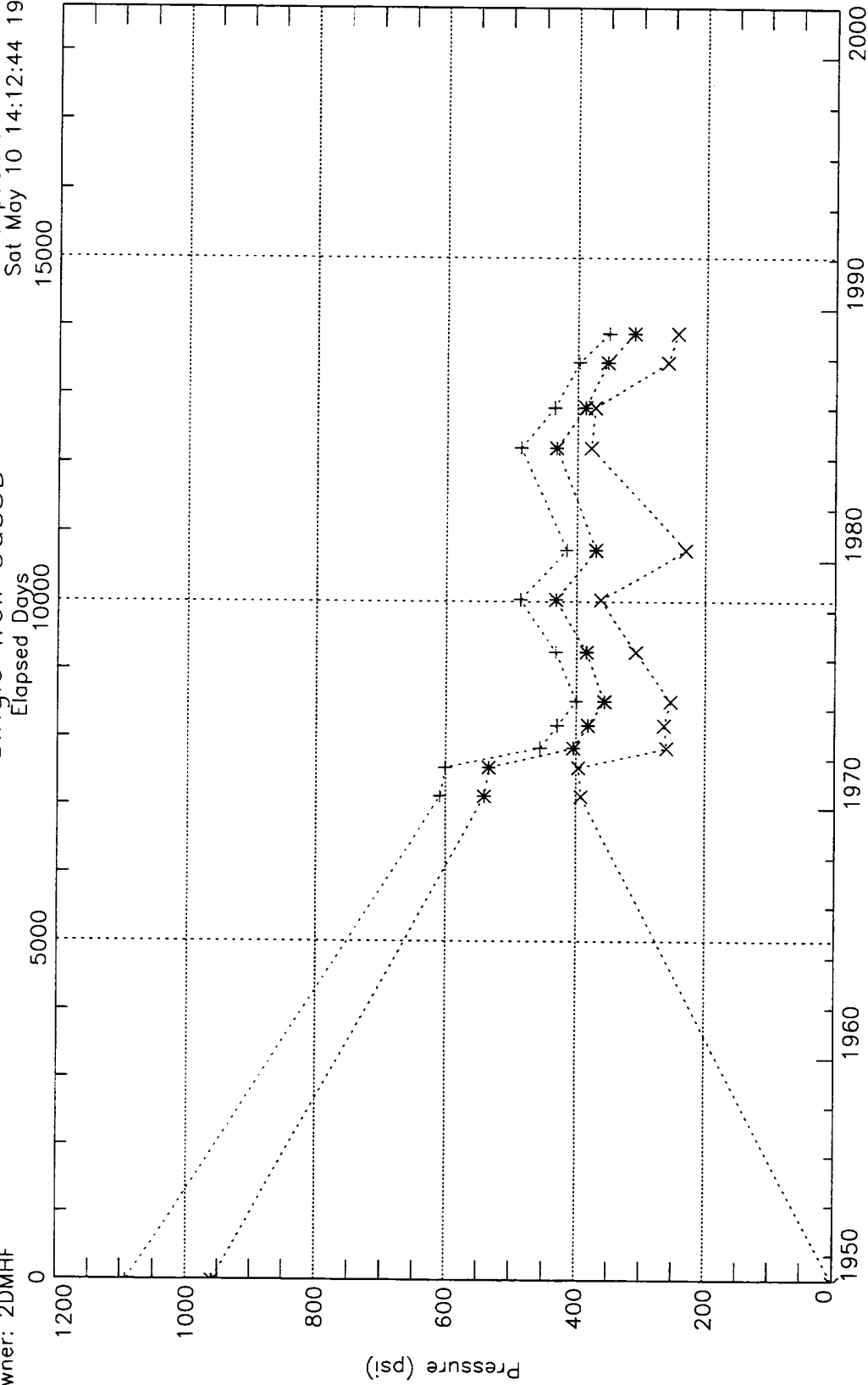


|                               |                      |
|-------------------------------|----------------------|
| County: SAN JUAN, NM          | F.P. Date: 01/51     |
| Field: BLANCO (MESAVERDE) MV  | Oil Cum: 9613 bbl    |
| Reservoir: MESAVERDE          | Gas Cum: 3191 mmcf   |
| Operator: AMOCO PRODUCTION CO | Location: 30H 30N 9W |

User: zrar06  
Owner: 2DMHF

# Single Well Gas3D

Description 1  
Sat May 10 14:12:44 1997



WH\_SIP (\*)  
BHP (+)  
WH\_FTP (x)

Date (Years)

Well ID: 300450919600 604MVRD  
Well Name: FLORANCE 10,10A /MV/ 10A /FT/ 010H30  
Operator: AMOCO PRODUCTION COMPANY

# Dwights

Lease: MANSFIELD (1)

04/27/97

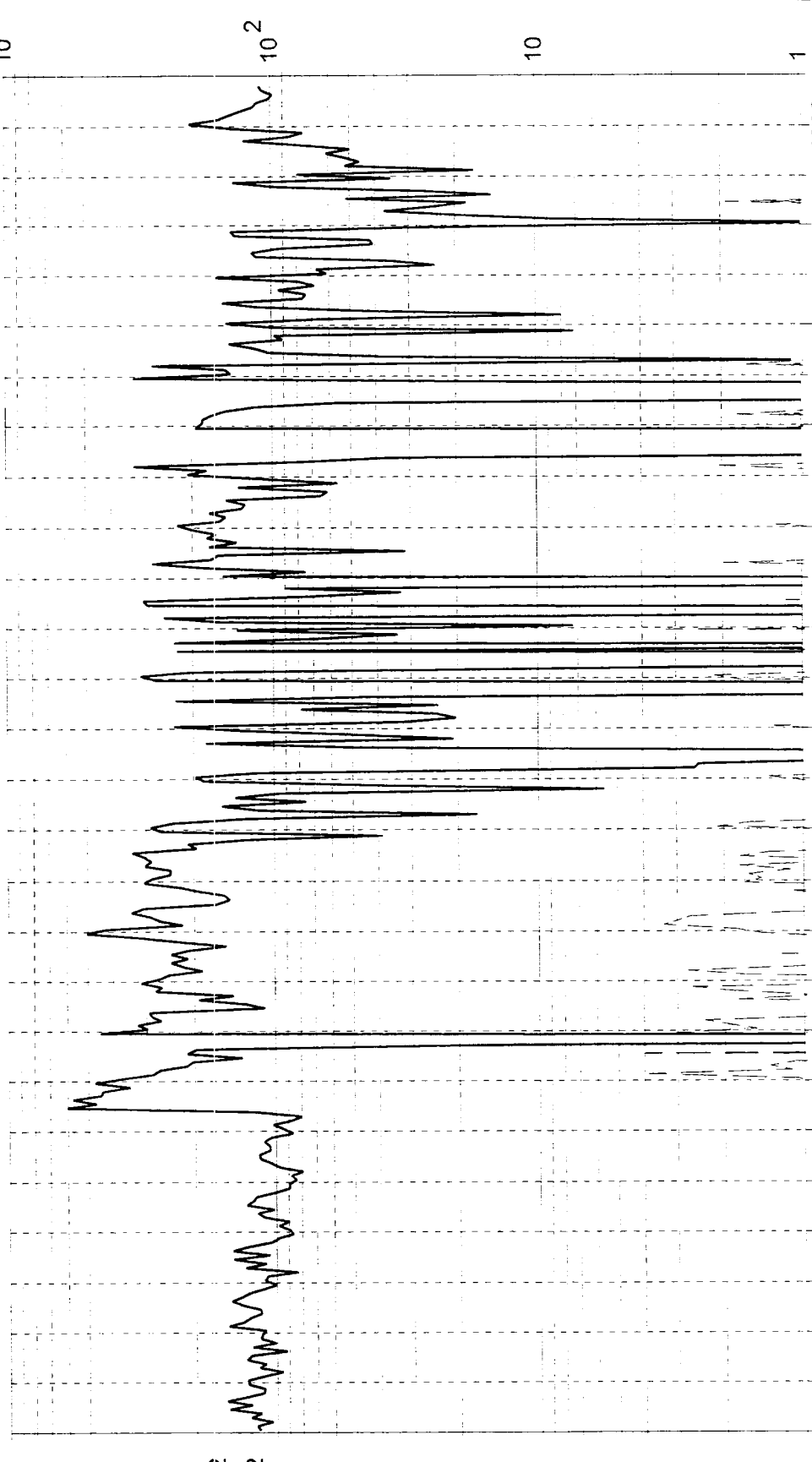
Retrieval Code: 251,045,30N09W19P00MV

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

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

10  
10

1  
1



Gas (mcf/day)

Water (bbl/day)

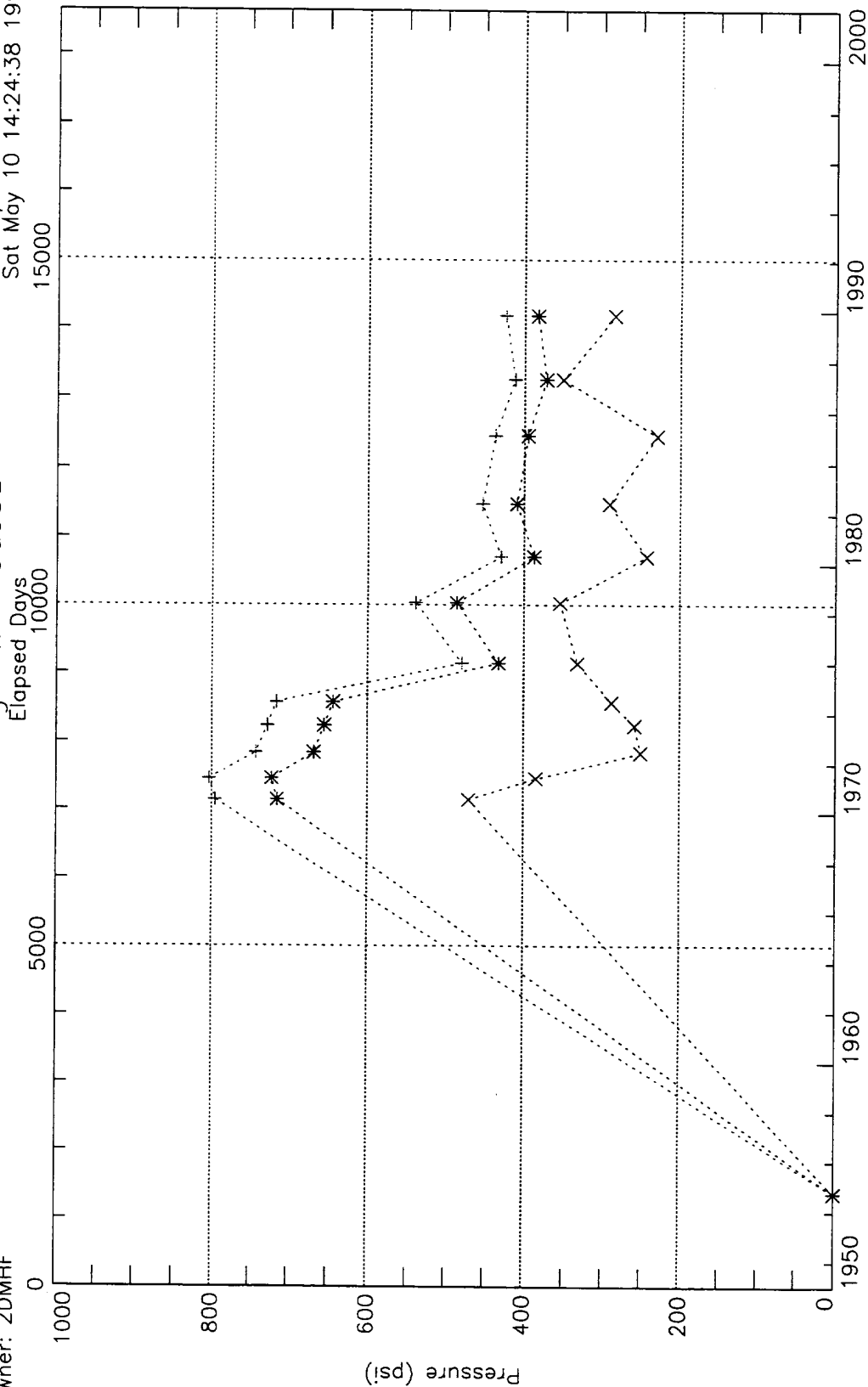
Oil (bbl/day)

|                               |                      |
|-------------------------------|----------------------|
| County: SAN JUAN, NM          | F.P. Date: N/A       |
| Field: BLANCO (MESAVERDE) MV  | Oil Cum: 6452 bbl    |
| Reservoir: MESAVERDE          | Gas Cum: 2716 mmcf   |
| Operator: AMOCO PRODUCTION CO | Location: 19P 30N 9W |

User: zr06  
Owner: 2DMHF

# Single Well Gas3D

Description 1  
Sat May 10 14:24:38 1997



WH\_SIP (\*)  
BHP (+)  
WH\_FTP (x)

Date (Years)

Well ID: 300450927000 604MVRD  
Well Name: MANSFIELD, JANE 1 & 1A 001P19  
Operator: AMOCO PRODUCTION COMPANY

617000 00 073-0466080  
AMOCO PRODUCTION COMPANY  
(918) 581-4800  
P O BOX 591  
TULSA OK 74102-0591

129567 00 464-84-9744  
BETSY BRYANT  
2201 BROOKHOLLOW  
ABILENE TX 79605-5507

926118 00 074-6078322  
W R ARCHER U/W/O  
ELEANOR M ARCHER TRUSTEE  
3615 PIPING ROCK LN  
HOUSTON TX 77027-4116

000762 00 521-20-5883  
HARRIET M BUCHENAU LIVING TRUST  
U/A/DATED 8-30-1994  
HARRIET M BUCHENAU TRUSTEE  
PO BOX 867585  
PLANO TX 75086-7585

925662 00 571-40-3379  
DOUGLAS E ATWILL  
6028 CANYON RD  
SANTA FE NM 87501-2722

921248 00 461-56-3311  
ELIZABETH TURNER CALLOWAY  
4801 ST JOHNS DR  
DALLAS TX 75205-3143

925596 00 563-34-5259  
EDWARD R ATWILL  
PO BOX 1551  
TUBAC AZ 85646-1551

603416 25 073-0196000  
CONOCO INC  
PO BOX 951063  
DALLAS TX 75395-1063

923002 00 449-50-4849  
JAMES H ATWILL  
PO BOX 1810  
PORT ARANSAS TX 78373-1810

116086 00 459-66-6208  
CREPS FAMILY TRUST  
DATED 12-5-91  
JOHN E CREPS JR AND VIRGINIA CREPS  
CO-TRUSTEES  
4556 AVALON COVE  
LAKELAND FL 33801-0572

124877 00 086-6166976  
JANE B BAER TRUST  
U/T DATED 04-04-86  
WELLS FARGO BANK COLORADO TRUSTEE  
PO BOX 5825  
DENVER CO 80217-5825

127556 00 075-6435011  
DAVANT FAMILY TRUST C  
U/A DATED 11-19-1986  
NATIONSBANK OF TEXAS NA TRUSTEE  
ACCOUNT NUMBER 30011053442647  
P O BOX 840738  
DALLAS TX 75284-0738

146802 00 222-34-2428  
PAMELA GRAY BALDWIN  
TEXAS COMMERCE BK AGENT AND ATY-N-FACT  
TRUST MINERALS SECTION 1049313  
PO BOX 209871  
HOUSTON TX 77216-9871

378966 00 044-26-7661  
JEREMY S DAVIS  
7539 BROMPTON BLVD  
HOUSTON TX 77025-2267

682516 00 456-40-4346  
R E BEAMON III  
STE 470  
THREE RIVERWAY  
HOUSTON TX 77056-1942

918304 00 043-28-9850  
WATERS S DAVIS III  
TEXAS COMMERCE BK AGENT AND ATY-N-FACT  
TRUST MINERALS SECTION 1049308  
P O BOX 209871  
HOUSTON TX 77216-9871

762567 00 461-32-0958  
HAZEL ASHLEY BRACKEN  
101 WESTCOTT NO 403  
HOUSTON TX 77007-7030

685965 00 133-38-5194  
RUTH DEMEREE  
15 TERRACE HILL RD  
BAINBRIDGE NY 13733-1043

297950 00 458-56-7220  
BARBARA REESE DINGES  
6510 SHADOW CREST  
HOUSTON TX 77074-6818

129569 00 458-35-2216  
MITZI EASLEY  
3900 DOMINION COVE  
AUSTIN TX 78759-7300

150770 00 075-2572952  
FLORANCE LIMITED COMPANY  
C/O NORTHERN TRUST BANK OF TX  
ACCOUNT #23113000  
P O BOX 226270  
DALLAS TX 75222-6270

271629 00 129-44-6360  
OLIVE C GERLACH  
1189 W CAMINO SAGASTA  
GREEN VALLEY AZ 85614-4512

676688 00 529-20-3274  
GORDON L GOTTSTEIN  
9433 NORTH EAST 14TH  
BELLEVUE WA 98004-3438

128169 00 529-24-6671  
JAY GOTTSTEIN TRUST  
DATED 11-11-92  
JAY GOTTSTEIN TRUSTEE  
12230 SAGAMORE RD  
LEAWOOD KS 66209-1269

146798 00 044-22-8815  
DAVID H GRAY  
TEXAS COMMERCE BK AGENT AND ATY-N-FACT  
TRUST MINERALS SECTION 1049309  
PO BOX 209871  
HOUSTON TX 77216-9871

146799 00 044-28-6154  
JOHN L GRAY  
TEXAS COMMERCE BK AGENT AND ATY-N-FACT  
TRUST MINERALS SECTION 1049310  
P O BOX 209871  
HOUSTON TX 77216-9871

120851 00 075-2252517  
GROVER BROS LTD PARTNERSHIP  
SAN JUAN ROYALTY JV-90  
PO BOX 3666  
MIDLAND TX 79702-3666

634423 00 475-20-1680  
ARDEN R GROVER  
SAN JUAN ROYALTY JV-90  
PO BOX 3666  
MIDLAND TX 79702-3666

149220 00 484-72-2929  
DAVID HENDERSON  
9411 WINDING RIDGE DR  
DALLAS TX 75238-1449

105640 00 450-24-2249  
MARY ANNE AND ROBERT L HOWARD  
JOINT TENANTS  
438 FOX BRIAR  
SUGARLAND TX 77478-3717

252130 01 427-46-0617  
W L JENNINGS  
BILLY G EDWARDS ATTY IN FACT  
SAN JUAN ROYALTY JV-90  
PO BOX 117  
ABILENE TX 79604-0117

922618 00 035-6465292  
MARGARET A KEARNS TRUST  
U/A F/B/O HELENE D GORMAN  
HELENE D GORMAN TRUSTEE  
1440 OSPREY AVE  
NAPLES FL 34102-3464

926551 00 003-6046047  
MARGARET A KEARNS TRUST  
JAMES B DRAPER TRUSTEE  
F/B/O JAMES B DRAPER  
77 S BIRCH RD APT #80  
FORT LAUDERDALE FL 33316-1556

539077 03 462-10-9875  
W D KENNEDY  
-SAN JUAN ROYALTY JV-90  
550 WEST TEXAS #1225  
MIDLAND TX 79701-4266

571491 00 085-6081680  
BARBARA E KOONS TRUST  
FIRST NATL BK IN ALBUQUERQUE  
TRUSTEE U/A DATED 7-16-76  
P O BOX 1305  
ALBUQUERQUE NM 87103-1305

242970 00 454-86-9390  
JAMES R LEETON JR  
SAN JUAN ROYALTY JV-90 ACCOUNT  
PO BOX 10561  
MIDLAND TX 79702-7561

923288 00 458-12-0472  
ELEANOR T LOVE  
3404 ST JOHNS DR  
DALLAS TX 75205-2906

680325 00 076-6110748  
PATTIE BEAMON LUNDELL ESTATE  
ROBERT WALTER LUNDELL PERSONAL REP  
1616 SOUTH VOSS #870  
HOUSTON TX 77057-2626

686120 00 529-44-5728  
BENJAMIN JOSEPH MANSFIELD  
2615 EVERETT DR  
RENO NV 89503-3912

146800 00 222-34-2450  
CYNTHIA GRAY MILANI  
TEXAS COMMERCE BK AGENT AND ATY-N-FACT  
TRUST MINERALS SECTION 1049313  
PO BOX 209871  
HOUSTON TX 77216-9871

710000 01 084-0848646  
MINERALS MANAGEMENT SERVICE  
ROYALTY MANAGEMENT PROGRAM  
PO BOX 5810 TA  
DENVER CO 80217-5810

926364 00 558-34-0543  
SARAH S MIMS TRUST  
WILLIAM L MADSEN AND SARAH S MIMS  
COTRUSTEES  
PO BOX 111846  
CARROLLTON TX 75011-1846

105639 00 440-14-6936  
LLOYD J AND RUTH R MONEY 1990 TR  
DATED 10-9-90  
LLOYD J AND RUTH R MONEY TRUSTEES  
904 21ST ST  
HERMOSA BEACH CA 90254-3105

242928 00 585-44-9684  
SUSAN PIERCE NELSON  
4901 CRESTWOOD DR  
FARMINGTON NM 87402-4863

776245 00 074-1617645  
NORDAN TRUST  
LOUIS BELINSKY TRUSTEE  
112 E PECAN STE 500  
SAN ANTONIO TX 78205-1516

173984 00 074-2726771  
PEARL NEUGENT NORDAN ESTATE  
MARIAN NORDAN HARWELL  
FOREIGN PERSONAL REPRESENTATIVE  
112 E PECAN STE 500  
SAN ANTONIO TX 78205-1516

242926 00 585-44-9685  
DAVID A PIERCE  
CITIZENS BANK AGENT  
PO BOX 4140  
FARMINGTON NM 87499-4140

242927 00 585-44-9686  
JOHN B PIERCE  
PO BOX 1006  
FRUITLAND NM 87416-1006

926372 00 076-6004364  
HARRY D PORTER REVOCABLE TRUST  
NATIONSBANK OF TEXAS NA TRUSTEE  
NO 15-020-6401500  
C/O TRUST OIL AND GAS  
PO BOX 840738  
DALLAS TX 75284-0738

547021 00 437-74-6319  
DIRK REEMTSMA  
CITIZENS BANK AGENT  
TRUST DEPARTMENT  
P O BOX 4140  
FARMINGTON NM 87499-4140

547020 00 437-74-6318  
LANCE REEMTSMA  
57A EDGE CROFT RD  
KENSINGTON CA 94707-1412

297951 00 462-80-3271  
DAVID ELBERT REESE  
2203 N BELMONT  
RICHMOND TX 77469-5501

297953 00 457-46-4697  
ELIZABETH GOODWIN REESE  
7800 NAIRN  
HOUSTON TX 77074-5321

146801 00 222-34-2419  
CATHARINE GRAY REMENICK  
TEXAS COMMERCE BK AGENT AND ATY-N-FACT  
TRUST MINERALS SECTION 1049313  
PO BOX 209871  
HOUSTON TX 77216-9871

129568 00 464-84-9584  
SUSAN RITTER  
PO BOX 162606  
AUSTIN TX 78716-2606

922869 00 437-74-3851  
JOANNE THOMPSON RUGELEY  
3813 TOLMAS  
METAIRIE LA 70002-1846

270025 00 051-6026962  
LORENE RAYBOURN SMITH TSTMNTARY  
TRUST  
CLAUD W AND JESSE S RAYBOURN  
CO-TRUSTEES  
207 WILSHIRE LN  
NEWARK DE 19711-2757

719688 00 458-76-3973  
BETTY WEST STEDMAN  
ATTN LOCK BOX  
PO BOX 1349  
HOUSTON TX 77251-1349

117331 00 523-56-4779  
E HUNTER STONE II TRUST  
PO BOX 61419  
DENVER CO 80206-8419

923318 00 460-09-4244  
G E THOMPSON  
12603 RADENZ RD  
HOUSTON TX 77066-3418

926579 00 094-12-1539  
JANE M THOMPSON TRUST  
APARTMENT 407  
THE FOUR SEASONS  
333 SUNSET DRIVE  
FORT LAUDERDALE FL 33301-2641

180971 00 523-26-2287  
MWOOD ROBERT THOMPSON  
316 DAHLIA ST  
DENVER CO 80220-5714

144321 00 076-6094733  
DORTHY M TUCKER ESTATE  
BRAD TUCKER EXECUTOR  
PO BOX 2822  
HOUSTON TX 77252-2822

432704 00 460-60-4455  
FRED E TURNER  
4925 GREENVILLE AVENUE  
ONE ENERGY SQUARE SUITE 852  
DALLAS TX 75206-4079

432702 00 460-60-4458  
J GLENN TURNER JR  
3131 TURTLE CREEK BLVD STE 1201  
DALLAS TX 75219-5441

432703 00 467-82-2785  
JOHN L TURNER  
PO BOX 33610  
KERRVILLE TX 78029-3610

615188 03 095-1315450  
UNION OIL COMPANY OF CALIFORNIA  
ATTN REVENUE ACCOUNTING  
PO BOX 841055  
DALLAS TX 75284-1055

176779 00 076-6109047  
MARGARET HARDY VAN SANT ESTATE  
ROBERT M HARDY, JR AND  
JOHN BROWN HALL, JR PERSONAL REPS  
333 CLAY ST STE 3800  
HOUSTON TX 77002-4102

297952 00 452-70-0230  
REBECCA ANN REESE WARD  
2210 CUSTER PKWY  
RICHARDSON TX 75080-2502

571492 00 085-6081679  
MIRIAM N WASHBURN TRUST  
FIRST NATL BK IN ALBUQUERQUE  
TRUSTEE U/A DATED 7-16-76  
P O BOX 1305  
ALBUQUERQUE NM 87103-1305

925573 00 560-44-7600  
NEAL S WATERFALL  
14438 NE 16TH PL  
BELLEVUE WA 98007-3904

914070 00 076-6046720  
GLADYS WATFORD TRUST  
GLADYS WATFORD, TRUSTEE  
5455 LA SIERRA DRIVE APT 216  
DALLAS TX 75231-4145

923298 00 458-56-6111  
JAMES WENDELL WEST  
PO BOX 5591  
SHERMAN OAKS CA 91413-5591

175159 00 076-0485466  
WESLEY WEST MINERALS LTD  
FROST NATIONAL BANK  
LOCK BOX DEPARTMENT  
PO BOX 1141  
HOUSTON TX 77251-1141

183129 00 076-6046221  
L DORIS WILLIAMS TRUST  
WILLIAM P TRAYLOR AND JOHN G HEARD  
CO-INDEPENDENT TRUSTEES  
PO BOX 8306  
HOUSTON TX 77288-8306

119776 00 573-20-0271  
EDWARD AND JACQUELINE WINTERER  
REVOCABLE TRUST NC 1  
DATED 12-4-91  
EDWARD AND JACQUELINE WINTERER TRS  
289 OCEAN VIEW  
DEL MAR CA 92014-3321

141556 00 550-40-0577  
WINTERWIDER FAMILY REVOCABLE TRUST  
JOAN WINTERER AND ROY FULWIDER  
TRUSTEES  
600 N SIXTH ST  
SANTA PAULA CA 93060-1605

MARY ANNE HOWARD AND ROBERT  
HOWARD JOINT TENANTS  
438 FOX BRIAR  
SUGARLAND TX 77478-3717

F LOUIS TUCKER JR  
6438 VANDERBILT  
HOUSTON TX 77005-3821

MARTHA M TUCKER  
21 BRIAR HOLLOW #803  
HOUSTON TX 77027-2808

MARGARET H VANSANT EST  
ROBERT M HARDY JR PERSONAL REP  
2511 B NASA RD ONE STE 108  
SEABROOK TX 77586-3461

ROBERT BEAMON ACCOUNT  
FIRST NATIONAL BANK OF  
BELLVILLE  
PO BOX 128  
BELLVILLE TX 7718-0218

UNION OIL COMPANY OF  
CALIFORNIA - UNION OIL & GAS DIV  
ATTN REVENUE ACCOUNTING  
PO BOX 841055  
DALLAS TX 75284-1055

BRADFORD TUCKER  
301 SAGE RD #3  
HOUSTON TX 77056-1421

BETSY HENDERSON BRYANT  
2201 BROOKHOLLOW DR  
ABILENE TX 79605-5507