



#3506

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

August 3, 1995

The Wiser Oil Company
8115 Preston Road
Dallas, Texas 75225

Attention: Mr. Richard Starkey

Re: 1995 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

Dear Mr. Starkey:

According to our records, you are the Unit Operator for the above-referenced unit. If you are no longer operating this unit, please contact our office at (505) 827-5791.

The Bureau of Land Management has advised this office that a Plan of Development for 1995 has been submitted by Shahara Oil Corporation and approved by the Bureau of Land Management.

Our records do not reflect that Shahara Oil Corporation has been approved as a designated agent of The Wiser Oil Company for the Maljamar Grayburg Unit. Please submit a Designation of Agent to this office for approval.

We are in the process of reviewing all oil and gas units that contain New Mexico Trust Lands. It has come to our attention that in some units, we are not receiving required unit information including Plans of Development. Because many 1995 Plans of Development are due to the Oil Conservation Division, the Bureau of Land Management and this office, in the near future we would like to take this opportunity to remind you to submit them on a timely basis. Please refer to your Unit Agreement regarding the due dates for submittal of Plans of Development for each unit.

Your Unit Agreement may state that Plans of Development (also called Plans of Operation or Drilling Program) are to be filed from "time to time" or whenever a change in the current Plan of Development is necessary. If your Unit falls under this category, please submit a current Plan of Development to this office.

The Wiser Oil Company
Page 2
August 3, 1995

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Deputy Director
Oil/Gas and Minerals Division
(505) 827-5745

RP/JB/cpm
cc: Reader File
OCD-Roy Johnson
BLM
Shahara Oil Corporation

IN CONSENT
RECEIVED

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RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

August 15, 1995

Shahara Oil Corporation
P.O. Box 3232
Carlsbad, New Mexico 88221-3232

Attention: Mr. Perry L. Hughes

Re: 1995 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

Dear Mr. Hughes:

The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:

A handwritten signature in cursive script, appearing to read "Jami Bailey".

JAMI BAILEY, Deputy Director
Oil/Gas and Minerals Division
(505) 827-5745

RP/JB/cpm

Enclosure

cc: Reader File

OCD

BLM

OL CONVECTION DR
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WISER

July 30, 2001

State of New Mexico
Commissioner of Public Lands
P. O. Box 1147
Santa Fe, NM 87504-1147

Re: 2001 Plans of Development
Maljamar Grayburg Unit
Caprock Maljamar Unit
Lea County, New Mexico

Skelly Unit
Eddy County, New Mexico

Dear Sir or Madam:

Enclosed are an original and one copy of The Wiser Oil Company's 2001 Plan of Development for each of the referenced units. Also enclosed are maps of each unit indicating wells referenced in the plans.

If you have any questions or need more information, please call me at (214) 360-3592.

Sincerely,

Catherine A. Aniello
Regulatory Specialist

Enclosures

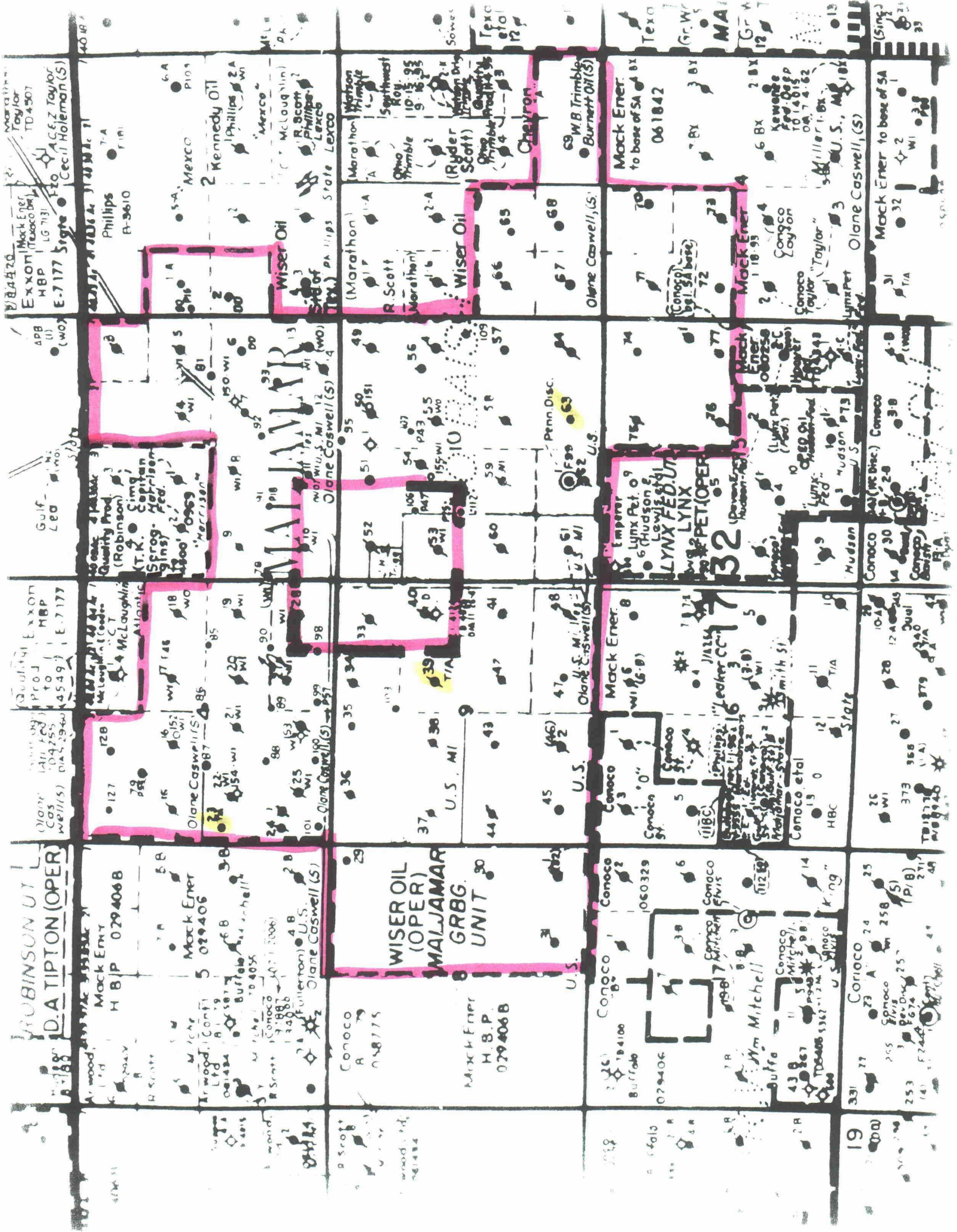
cc: OCD, Santa Fe
BLM, Carlsbad

THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT

PLAN OF DEVELOPMENT 2001

No drilling or conversion work occurred in the Maljamar Grayburg Unit during 2000. The MGBU #23 was plugged.

No drilling or conversion work is planned for 2001. To date, the MGBU #39 and the MGBU # 63 have been plugged. Continuous monitoring of the waterflood for effective and efficient performance and equipment repairs, well workovers, and abandonment activities will be performed as necessary.

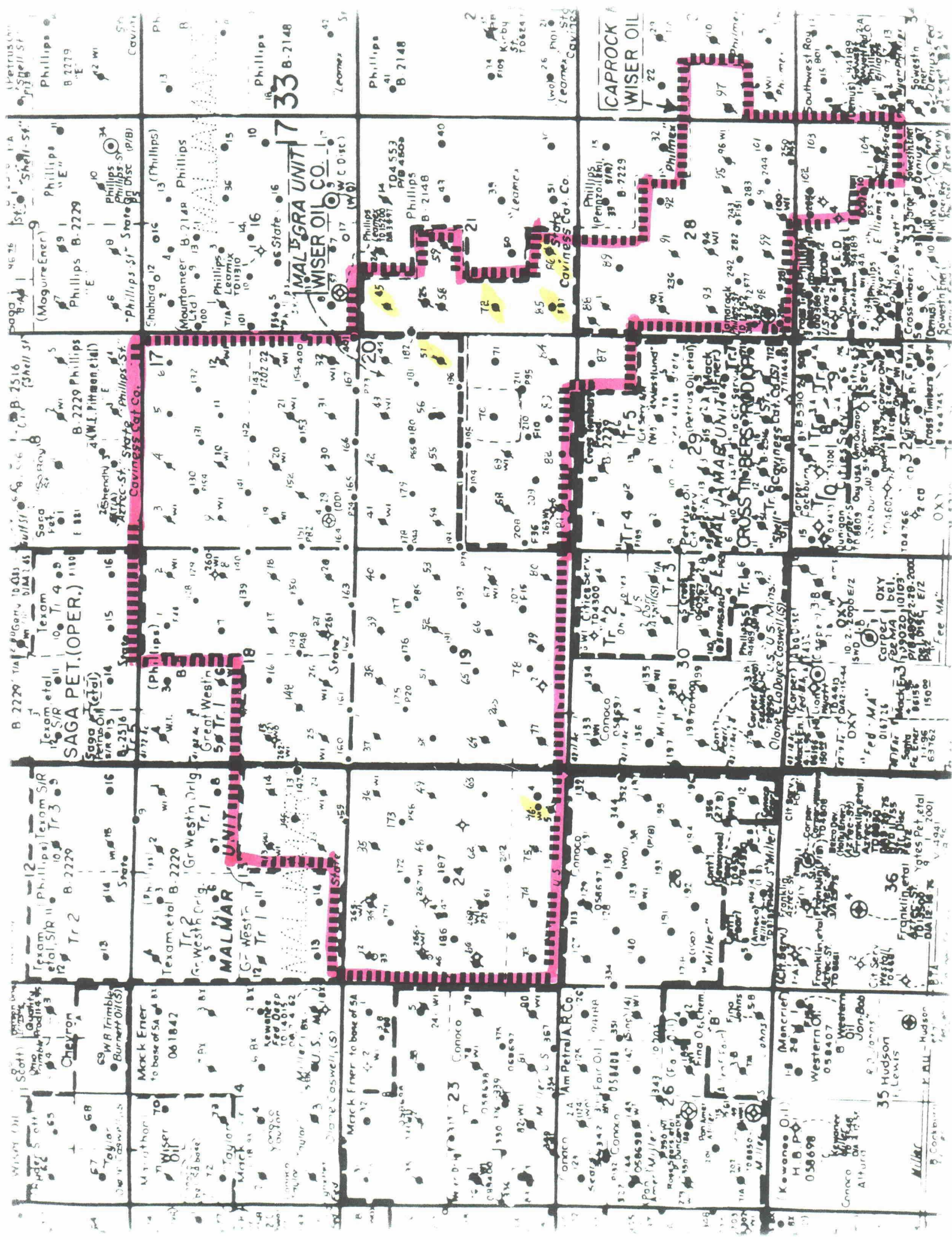


THE WISER OIL COMPANY CAPROCK MALJAMAR UNIT

PLAN OF DEVELOPMENT 2001

No drilling or conversion work occurred in the Caprock Maljamar Unit during 2000. The CMU #86 and the CMU #85 were plugged and abandoned.

No drilling or conversion work is planned for 2001. The CMU #51, 76, 72 and 45 will be plugged and abandoned. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.



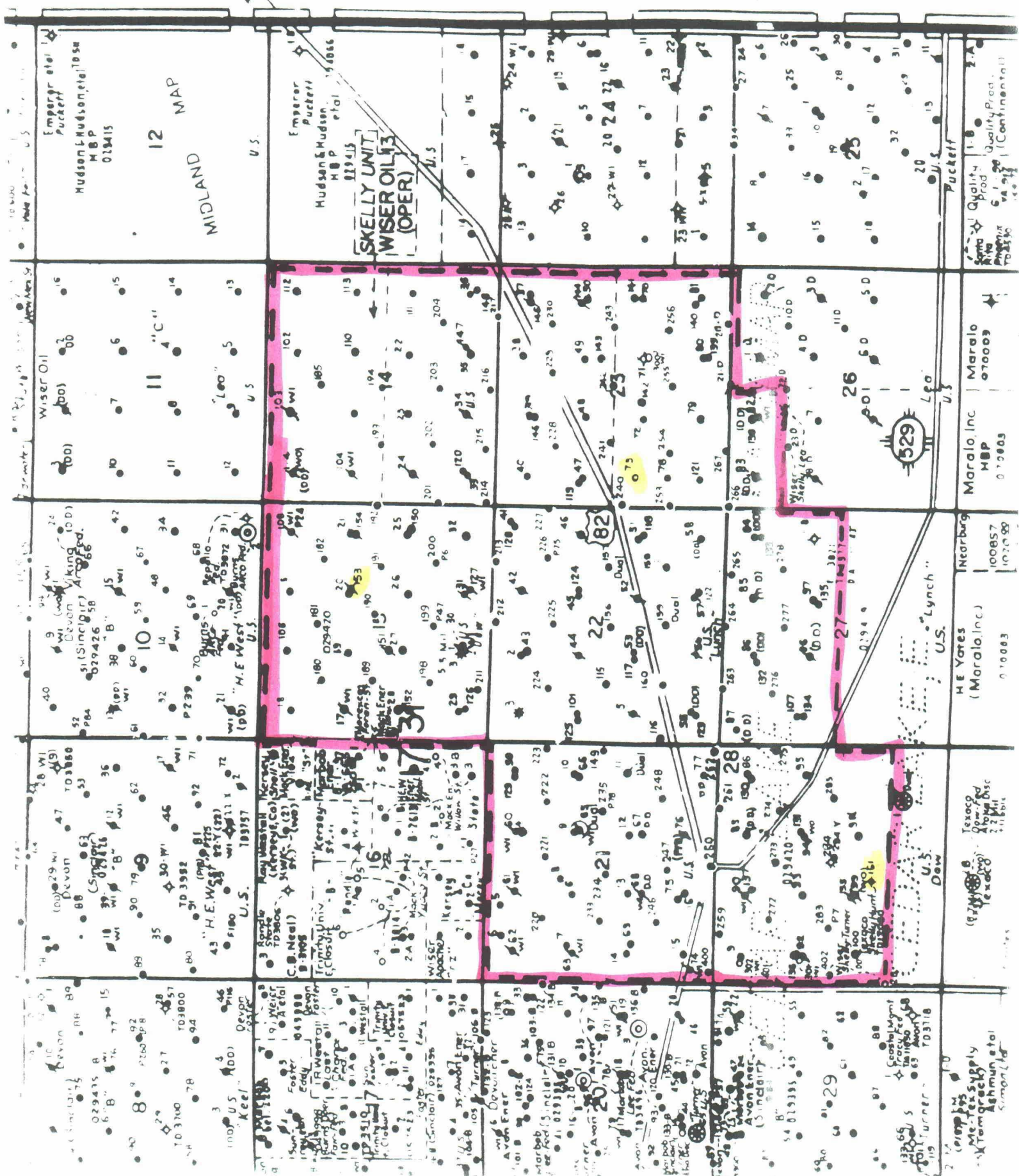
THE WISER OIL COMPANY SKELLY UNIT

PLAN OF DEVELOPMENT 2001

No drilling or conversion work occurred in the Skelly Unit during 2000. The Skelly #53 and the Skelly #73 were plugged and abandoned.

No drilling or conversion work is planned for 2001. The Skelly 161 will be plugged and abandoned. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

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THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT

PLAN OF DEVELOPMENT 2001

No drilling or conversion work occurred in the Maljamar Grayburg Unit during 2000. The MGBU #23 was plugged.

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WISER OIL
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Wiser Oil
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Chevron
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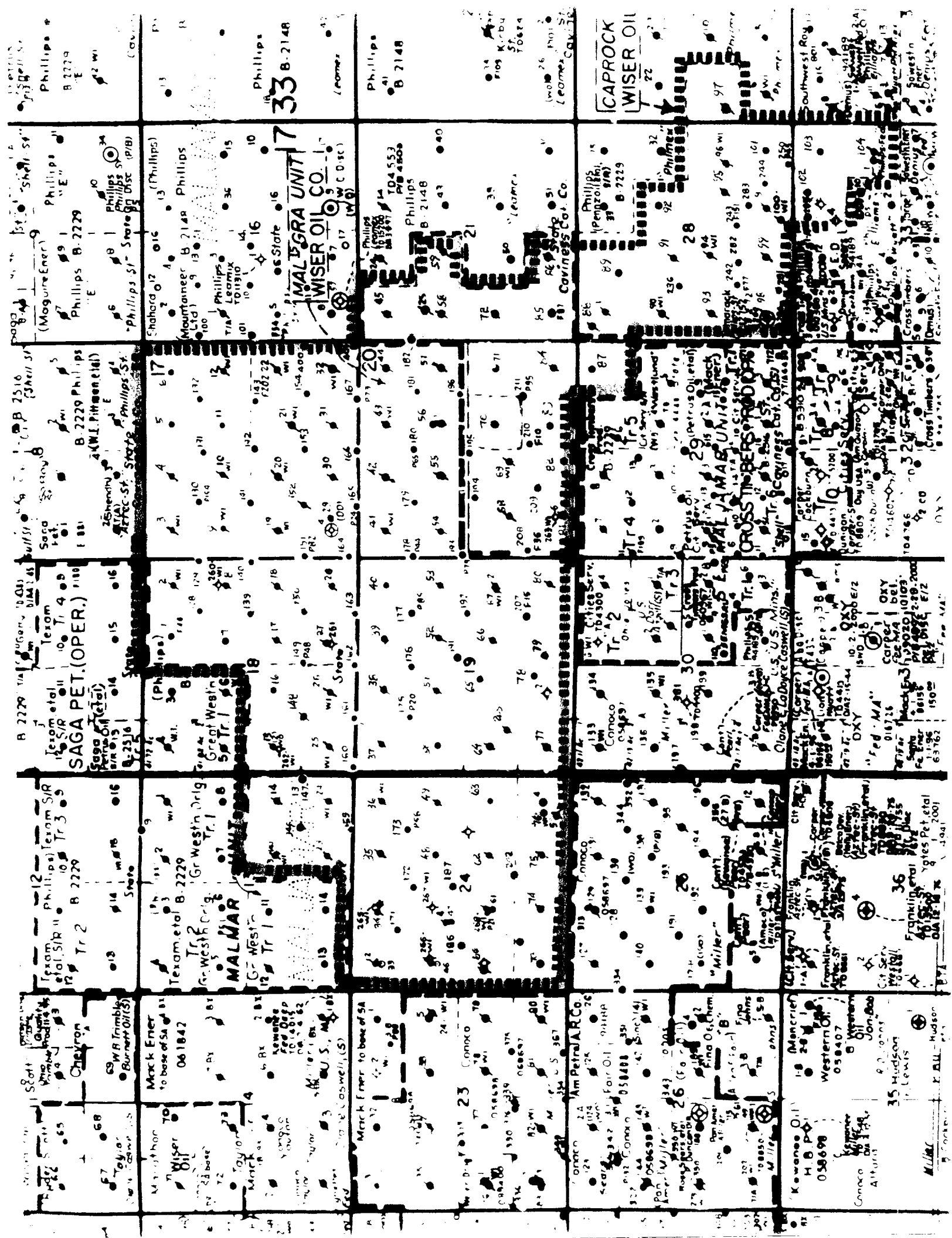
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THE WISER OIL COMPANY CAPROCK MALJAMAR UNIT

PLAN OF DEVELOPMENT 2001

No drilling or conversion work occurred in the Caprock Maljamar Unit during 2000. The CMU #86 and the CMU #85 were plugged and abandoned.

No drilling or conversion work is planned for 2001. The CMU #51, 76, 72 and 45 will be plugged and abandoned. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.



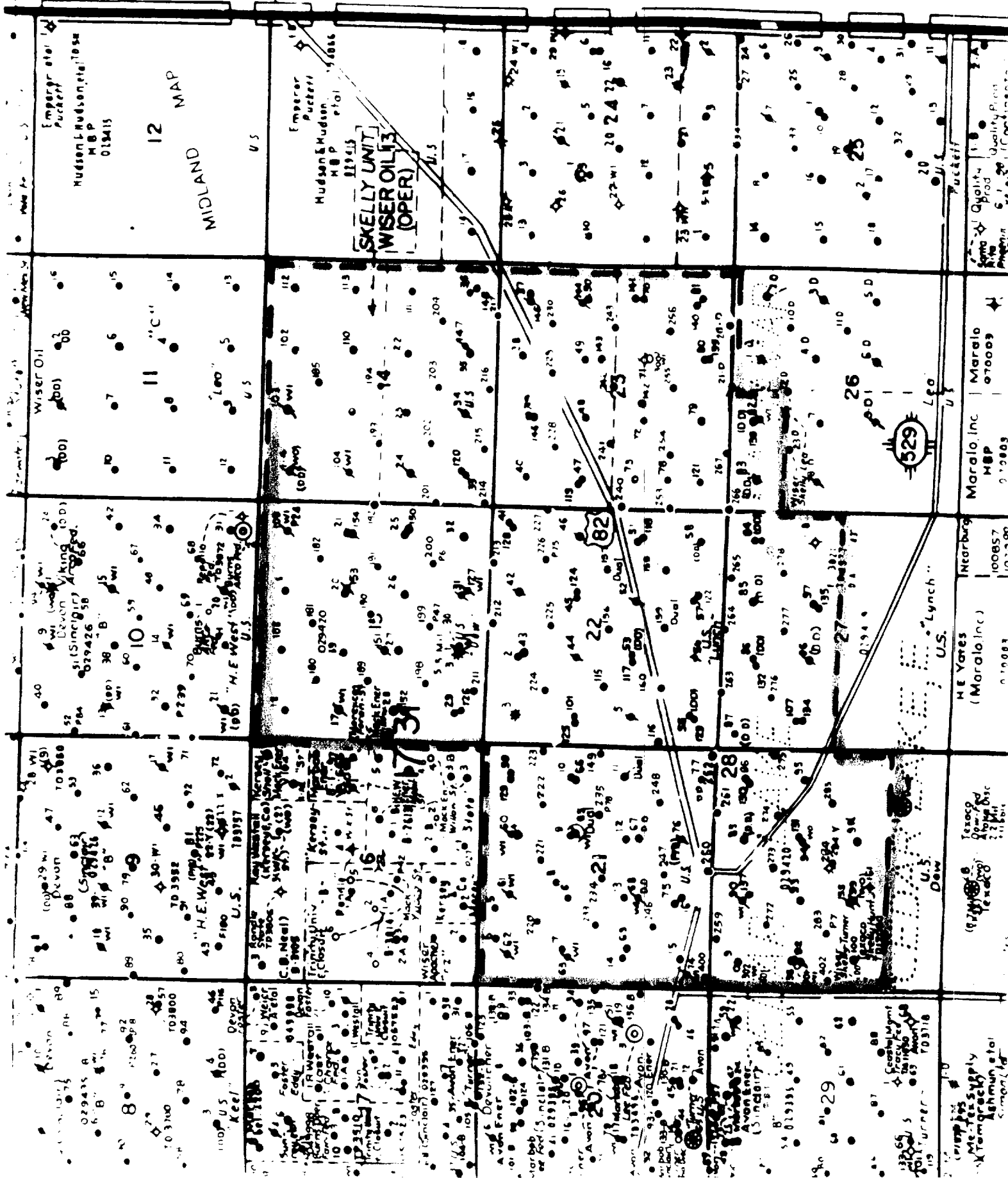
THE WISER OIL COMPANY SKELLY UNIT

PLAN OF DEVELOPMENT 2001

No drilling or conversion work occurred in the Skelly Unit during 2000. The Skelly #53 and the Skelly #73 were plugged and abandoned.

No drilling or conversion work is planned for 2001. The Skelly 161 will be plugged and abandoned. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

T 17 S



#3506

RECEIVED
JAN 24 2000
OIL CONSERVATION DIVISION



WISER

January 21, 2000

Oil Conservation Division
Attn: Roy Johnson
2040 South Pacheco
Santa Fe, NM 87505

Re: Plans of Development
✓ Maljamar Grayburg Unit
Caprock Maljamar Unit
Lea County, New Mexico

Dear Sir:

Enclosed is an original and one copy of the 1999 Plan of Development for each of the above referenced units. Production volumes and maps are included for reference.

If you have any questions or need more information, please call me at (214) 360-3580.

Sincerely,


Matt Eagleston
Project Manager

ME/ds
Enclosures

cc: Pete Martinez, CPL, Santa Fe
BLM, Roswell

**MALJAMAR AREA PRODUCTION (C-115)
1998**

PRDMAL.WK4

**MALJAMAR AREA PRODUCTION (C-115)
1999**

| | Jan-99 | Feb-99 | Mar-99 | Apr-99 | May-99 | Jun-99 | Jul-99 | Aug-99 | Sep-99 | Oct-99 | Nov-99 | Dec-99 | TOTAL |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-----------|
| MALJAMAR GRAYBURG UNIT | | | | | | | | | | | | | |
| OIL | 6,367 | 5,677 | 6,202 | 5,991 | 6,068 | 6,049 | 5,941 | 6,031 | 5,658 | 5,872 | 5,630 | - | 65,486 |
| GAS | 2,676 | 2,383 | 2,612 | 2,616 | 2,478 | 2,684 | 2,788 | 2,448 | 2,522 | 2,306 | 2,214 | - | 27,727 |
| WATER | 35,731 | 34,141 | 38,046 | 41,788 | 43,107 | 42,735 | 41,058 | 40,029 | 46,819 | 47,079 | 44,355 | - | 454,888 |
| LEA LL STATE | | | | | | | | | | | | | |
| OIL | 278 | 255 | 293 | 287 | 295 | 252 | 291 | 284 | 272 | 269 | 270 | - | 3,046 |
| GAS | 713 | 282 | 300 | 285 | 228 | 206 | 241 | 257 | 237 | 223 | 238 | - | 3,210 |
| WATER | 418 | 382 | 229 | 544 | 164 | 420 | 388 | 393 | 241 | 373 | 373 | - | 3,925 |
| CAPROCK MALJAMAR UNIT | | | | | | | | | | | | | |
| OIL | 23,937 | 20,998 | 23,001 | 21,225 | 21,089 | 20,136 | 20,305 | 20,086 | 20,013 | 20,077 | 19,523 | - | 230,384 |
| GAS | 18,724 | 17,405 | 18,219 | 17,384 | 17,157 | 16,037 | 15,036 | 15,390 | 14,662 | 14,624 | 13,499 | - | 178,137 |
| WATER | 163,500 | 144,928 | 156,254 | 164,598 | 159,888 | 177,478 | 159,741 | 170,173 | 180,358 | 177,503 | 190,513 | - | 1,844,934 |
| SKELLY UNIT | | | | | | | | | | | | | |
| OIL | 30,208 | 25,984 | 27,653 | 26,214 | 25,111 | 23,744 | 24,520 | 25,487 | 25,855 | 26,556 | 25,498 | - | 286,830 |
| GAS | 14,029 | 12,930 | 13,890 | 13,631 | 12,593 | 12,441 | 12,980 | 13,552 | 12,445 | 11,850 | 11,523 | - | 141,864 |
| WATER | 118,576 | 93,425 | 113,578 | 117,993 | 100,559 | 86,169 | 111,288 | 140,439 | 140,156 | 141,073 | 124,977 | - | 1,288,233 |
| LEA C | | | | | | | | | | | | | |
| OIL | 216 | 218 | 299 | 205 | 236 | 214 | 226 | 208 | 199 | 171 | 206 | - | 2,398 |
| GAS | 187 | 154 | 10 | 21 | 32 | 20 | 7 | 12 | 0 | 0 | 83 | - | 526 |
| WATER | 307 | 295 | 752 | 354 | 285 | 262 | 257 | 243 | 223 | 427 | 488 | - | 3,893 |
| LEA D | | | | | | | | | | | | | |
| OIL | 2,340 | 2,000 | 2,114 | 2,053 | 1,897 | 1,728 | 1,698 | 1,669 | 1,377 | 1,605 | 1,000 | - | 19,948 |
| GAS | 1,157 | 1,192 | 1,271 | 1,127 | 1,273 | 1,207 | 1,140 | 697 | 358 | 768 | 107 | - | 10,297 |
| WATER | 10,708 | 9,518 | 9,989 | 9,869 | 10,102 | 9,436 | 9,888 | 10,555 | 9,804 | 10,000 | 10,461 | - | 110,330 |
| STATE AZ | | | | | | | | | | | | | |
| OIL | 1,268 | 1,180 | 1,186 | 1,045 | 1,012 | 870 | 949 | 967 | 937 | 960 | 928 | - | 11,302 |
| GAS | 703 | 787 | 830 | 756 | 755 | 800 | 822 | 831 | 707 | 414 | 394 | - | 7,799 |
| WATER | 518 | 432 | 465 | 354 | 344 | 458 | 380 | 405 | 376 | 379 | 407 | - | 4,518 |
| TOTAL AREA | 64,614 | 56,312 | 60,748 | 57,020 | 55,708 | 52,993 | 53,930 | 54,726 | 54,311 | 55,510 | 53,522 | - | 619,394 |
| TOTAL AREA | 38,189 | 35,133 | 37,132 | 35,820 | 34,516 | 33,395 | 33,014 | 33,187 | 30,931 | 30,185 | 28,058 | - | 369,560 |
| TOTAL AREA | 329,758 | 283,121 | 319,313 | 335,500 | 314,449 | 316,958 | 323,000 | 362,237 | 377,977 | 376,834 | 371,574 | - | 3,710,721 |
| BOPD | 2,084 | 2,011 | 1,960 | 1,901 | 1,797 | 1,766 | 1,740 | 1,765 | 1,810 | 1,791 | 1,784 | - | |
| MCFPD | 1,232 | 1,255 | 1,198 | 1,194 | 1,113 | 1,113 | 1,065 | 1,071 | 1,031 | 974 | 935 | - | |
| BWPD | 10,637 | 10,111 | 10,300 | 11,183 | 10,144 | 10,565 | 10,419 | 11,685 | 12,599 | 12,156 | 12,386 | - | |

THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT

PLAN OF DEVELOPMENT 1999

No drilling or conversion work occurred in the Maljamar Grayburg Unit during 1999. The #53 was TA'd.

No drilling or conversion work is planned for 2000. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

ROBINSON UT L
D. A TIPTON (OPER)

Quantity Exxon
PROJ TO
(All Fed)
104255
DIA 52960
4549 E-7177

2/8/420
EXXON (Texaco) TD 4907
HBP
E-7177
ACEZ Taylor
Cecil Holeman (S)

Arwood, L.P. 029406
Mack Ener
H.B.P. 029406
R Scott
Mack Ener
5 029406
Arwood, L.P. 029406
Mack Ener
H.B.P. 029406
R Scott
Mack Ener
5 029406

Quantity Exxon
PROJ TO
(All Fed)
104255
DIA 52960
4549 E-7177

2/8/420
EXXON (Texaco) TD 4907
HBP
E-7177
ACEZ Taylor
Cecil Holeman (S)

WISER OIL
(OPER)
MALJAMAR
GRBG
UNIT
Mack Ener
H.B.P.
029406

Quantity Exxon
PROJ TO
(All Fed)
104255
DIA 52960
4549 E-7177

2/8/420
EXXON (Texaco) TD 4907
HBP
E-7177
ACEZ Taylor
Cecil Holeman (S)

Conoco
B.P.
029406
Mack Ener
H.B.P.
029406

Quantity Exxon
PROJ TO
(All Fed)
104255
DIA 52960
4549 E-7177

2/8/420
EXXON (Texaco) TD 4907
HBP
E-7177
ACEZ Taylor
Cecil Holeman (S)

Conoco
B.P.
029406
Mack Ener
H.B.P.
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Quantity Exxon
PROJ TO
(All Fed)
104255
DIA 52960
4549 E-7177

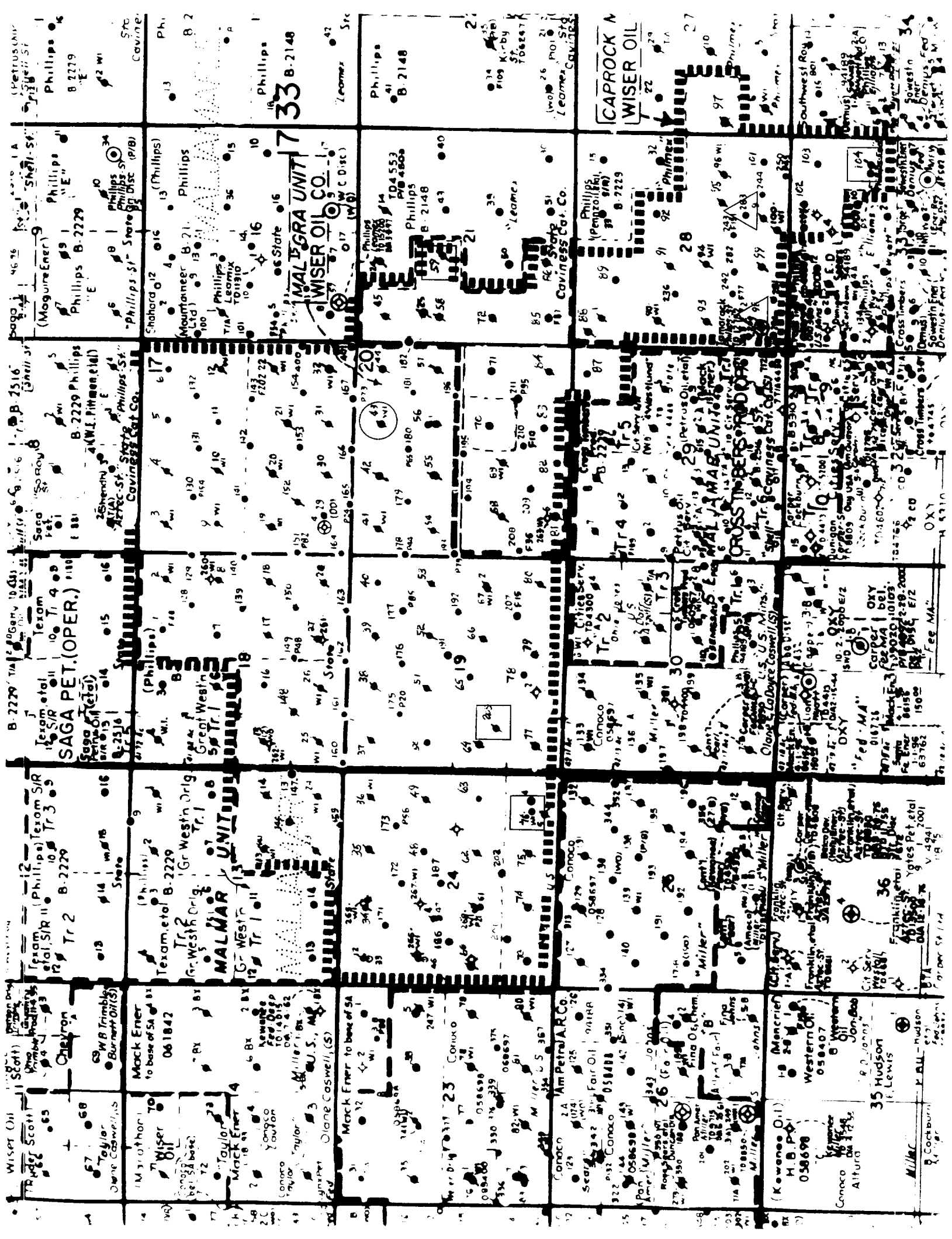
2/8/420
EXXON (Texaco) TD 4907
HBP
E-7177
ACEZ Taylor
Cecil Holeman (S)

THE WISER OIL COMPANY CAPROCK MALJAMAR UNIT

PLAN OF DEVELOPMENT 1999

No drilling occurred in the Caprock Maljamar Unit during 1999. The #98 was converted to injection during 1999 and #43 was P&A'd. The #283 was converted to injection in November of 1998.

No drilling or conversion work is planned for 2000. The #59, 76, 104 and 205 will be P&A'd. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.



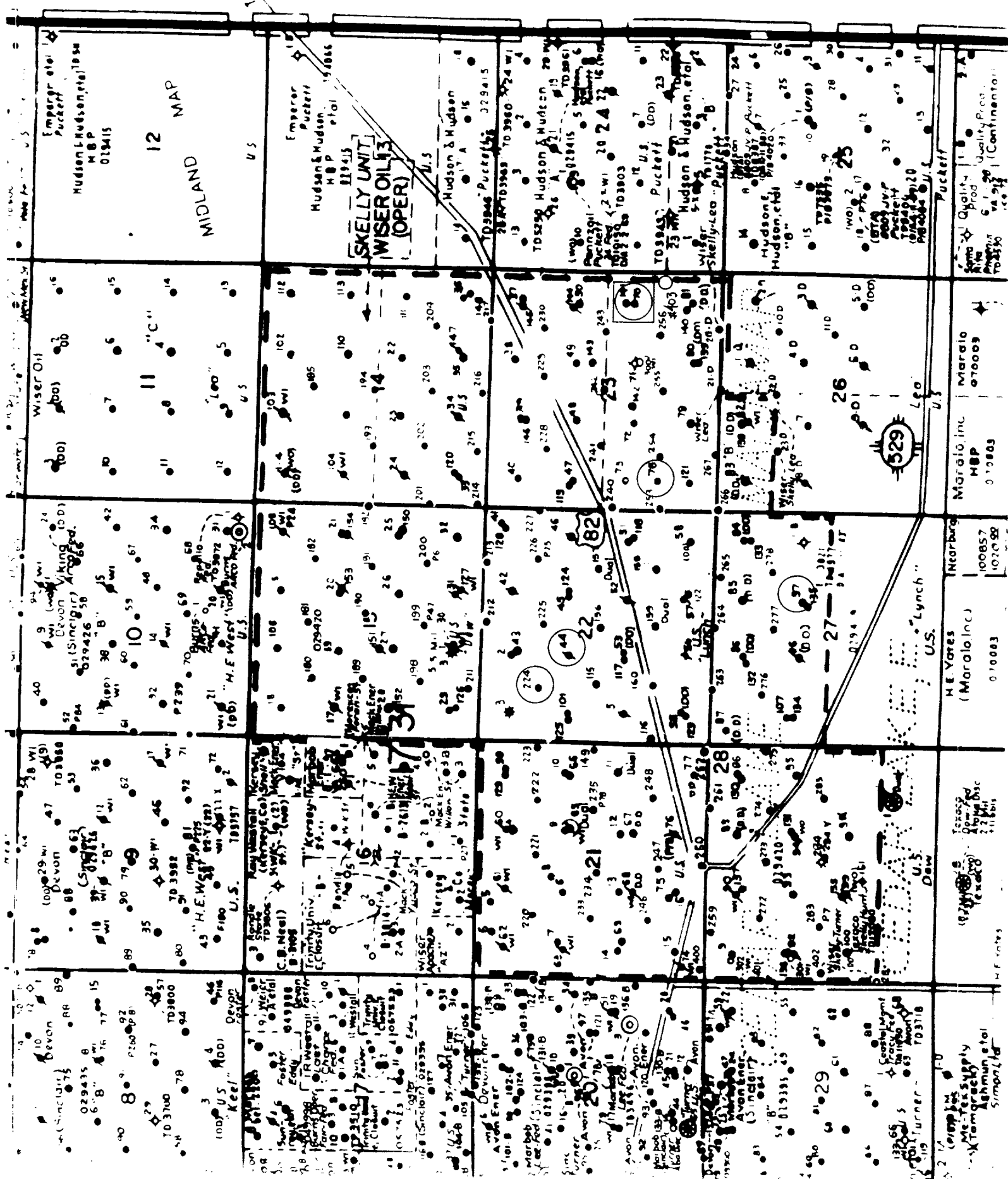
THE WISER OIL COMPANY SKELLY UNIT

PLAN OF DEVELOPMENT 1999

No drilling or conversion work occurred in the Skelly Unit during 1999. The #44, 97 and 224 were P&A'd and #70 and 78 were TA'd.

The Skelly Unit #403 will be drilled in 2000 as a 20-acre lease line producer and #70 will be converted to injection. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

T 175



MALJAMAR AREA PRODUCTION (C-115) 1998

| LEASE | MALJAMAR GRAYBURG UNIT | OIL
GAS
WATER | 01/98 | 02/98 | 03/98 | 04/98 | 05/98 | 06/98 | 07/98 | 08/98 | 09/98 | 10/98 | 11/98 | 12/98 | TOTAL |
|-----------------------|------------------------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | | | 10575 | 9299 | 9703 | 8694 | 8549 | 7833 | 7324 | 8001 | 7349 | 8269 | 7320 | 7330 | 100,246 |
| | | | 4192 | 3941 | 4202 | 4010 | 4018 | 4181 | 3841 | 3494 | 3617 | 3688 | 2973 | 2850 | 45,007 |
| | | | 63311 | 57728 | 61170 | 68863 | 66395 | 55111 | 60586 | 42719 | 51970 | 50219 | 47519 | 44633 | 670,224 |
| LEA LL STATE | OIL | | 319 | 279 | 293 | 287 | 267 | 251 | 317 | 306 | 333 | 295 | 297 | 336 | 3,580 |
| | GAS | | 3325 | 3224 | 2232 | 1379 | 1855 | 1261 | 1986 | 2536 | 2591 | 1910 | 2707 | 1704 | 26,710 |
| | WATER | | 274 | 0 | 379 | 116 | 462 | 212 | 501 | 220 | 464 | 365 | 197 | 242 | 3,432 |
| CAPROCK MALJAMAR UNIT | OIL | | 37890 | 32343 | 35001 | 31035 | 30933 | 28830 | 29043 | 29217 | 27294 | 28189 | 26027 | 24495 | 360,297 |
| | GAS | | 27258 | 27820 | 29474 | 27215 | 27212 | 29359 | 29930 | 29575 | 27240 | 26780 | 24105 | 19652 | 325,620 |
| | WATER | | 319691 | 250358 | 244845 | 225489 | 218732 | 185252 | 241834 | 207083 | 204861 | 216681 | 225047 | 202079 | 2,741,952 |
| SKELLY UNIT | OIL | | 40728 | 37247 | 38386 | 35574 | 34131 | 33427 | 33616 | 31881 | 31723 | 31969 | 31082 | 30883 | 410,647 |
| | GAS | | 22513 | 23520 | 25610 | 23042 | 23042 | 22601 | 21112 | 17209 | 17781 | 16854 | 15030 | 14551 | 245,413 |
| | WATER | | 207727 | 134687 | 140128 | 155021 | 154946 | 176749 | 210033 | 195895 | 213415 | 217190 | 219233 | 119247 | 2,144,271 |
| LEA C | OIL | | 258 | 244 | 257 | 255 | 222 | 176 | 160 | 112 | 114 | 272 | 254 | 231 | 2,555 |
| | GAS | | 95 | 84 | 93 | 89 | 70 | 52 | 47 | 31 | 39 | 148 | 162 | 180 | 1,090 |
| | WATER | | 229 | 187 | 230 | 236 | 226 | 221 | 232 | 235 | 205 | 481 | 415 | 327 | 3,224 |
| LEA D | OIL | | 7792 | 5597 | 5717 | 4814 | 4991 | 3922 | 3674 | 3321 | 2703 | 2728 | 2518 | 2336 | 50,113 |
| | GAS | | 4120 | 3018 | 2792 | 2373 | 2895 | 2391 | 2413 | 1597 | 1673 | 1553 | 1432 | 1362 | 27,619 |
| | WATER | | 12632 | 11932 | 17117 | 15889 | 15331 | 14000 | 14040 | 13372 | 12847 | 12090 | 11278 | 10561 | 161,083 |
| STATE AZ | OIL | | 214 | 185 | 206 | 442 | 3915 | 2197 | 1862 | 1647 | 1513 | 1504 | 1403 | 1370 | 16,458 |
| | GAS | | 243 | 229 | 232 | 271 | 2779 | 2039 | 1549 | 1098 | 1371 | 1283 | 1023 | 857 | 12,974 |
| | WATER | | 17 | 42 | 50 | 65 | 2063 | 1008 | 874 | 713 | 767 | 666 | 626 | 674 | 7,545 |
| TOTAL AREA | | | 97,776 | 85,194 | 89,563 | 81,101 | 83,008 | 76,636 | 75,996 | 74,485 | 71,029 | 73,226 | 68,901 | 66,981 | 943,896 |
| TOTAL AREA | | | 61,746 | 61,836 | 64,635 | 60,927 | 61,871 | 61,884 | 60,878 | 55,540 | 54,312 | 52,216 | 47,432 | 41,156 | 684,433 |
| TOTAL AREA | | | 603,881 | 454,934 | 463,919 | 465,679 | 458,155 | 432,553 | 528,100 | 460,237 | 484,529 | 497,692 | 504,265 | 377,763 | 5,731,707 |
| BOPD | | | 3,154 | 3,043 | 2,889 | 2,703 | 2,678 | 2,555 | 2,451 | 2,403 | 2,368 | 2,362 | 2,297 | 2,161 | |
| MCFPD | | | 1,992 | 1,995 | 2,085 | 2,031 | 1,996 | 2,063 | 1,964 | 1,792 | 1,810 | 1,684 | 1,581 | 1,328 | |
| BWPD | | | 19,480 | 14,675 | 14,965 | 15,523 | 14,779 | 14,418 | 17,035 | 14,846 | 16,151 | 16,055 | 16,809 | 12,186 | |

MALJAMAR AREA PRODUCTION (C-115)
1999

| | Jan-99 | Feb-99 | Mar-99 | Apr-99 | May-99 | Jun-99 | Jul-99 | Aug-99 | Sep-99 | Oct-99 | Nov-99 | Dec-99 | TOTAL |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-----------|
| MALJAMAR GRAYBURG UNIT | | | | | | | | | | | | | |
| OIL | 6,367 | 5,677 | 6,202 | 5,991 | 6,068 | 6,049 | 5,941 | 6,031 | 5,658 | 5,872 | 5,630 | | 63,486 |
| GAS | 2,676 | 2,383 | 2,612 | 2,616 | 2,478 | 2,684 | 2,788 | 2,448 | 2,522 | 2,306 | 2,214 | | 27,727 |
| WATER | 35,731 | 34,141 | 38,046 | 41,788 | 43,107 | 42,735 | 41,058 | 40,029 | 46,819 | 47,079 | 44,355 | | 454,888 |
| LEA LIL STATE | | | | | | | | | | | | | |
| OIL | 278 | 255 | 293 | 287 | 295 | 252 | 291 | 284 | 272 | 269 | 270 | | 3,046 |
| GAS | 713 | 282 | 300 | 285 | 228 | 206 | 241 | 257 | 237 | 223 | 238 | | 3,210 |
| WATER | 418 | 382 | 229 | 544 | 164 | 420 | 388 | 393 | 241 | 373 | 373 | | 3,925 |
| CAMPBELL MALJAMAR UNIT | | | | | | | | | | | | | |
| OIL | 23,937 | 20,998 | 23,001 | 21,225 | 21,089 | 20,136 | 20,305 | 20,086 | 20,013 | 20,077 | 19,523 | | 230,384 |
| GAS | 18,724 | 17,405 | 18,219 | 17,384 | 17,157 | 16,037 | 15,036 | 15,390 | 14,662 | 14,624 | 13,499 | | 178,134 |
| WATER | 163,500 | 144,928 | 156,254 | 164,598 | 159,888 | 177,478 | 159,741 | 170,173 | 180,358 | 177,503 | 190,513 | | 1,844,934 |
| SKELLY UNIT | | | | | | | | | | | | | |
| OIL | 30,208 | 25,984 | 27,653 | 26,214 | 25,111 | 23,744 | 24,520 | 25,487 | 25,855 | 26,556 | 25,498 | | 286,830 |
| GAS | 14,029 | 12,930 | 13,890 | 13,631 | 12,593 | 12,441 | 12,980 | 13,552 | 12,445 | 11,850 | 11,523 | | 141,864 |
| WATER | 118,576 | 93,425 | 113,578 | 117,993 | 100,559 | 86,169 | 111,288 | 140,439 | 140,156 | 141,073 | 124,977 | | 1,288,233 |
| LEA C | | | | | | | | | | | | | |
| OIL | 216 | 218 | 299 | 205 | 236 | 214 | 226 | 208 | 199 | 171 | 206 | | 2,398 |
| GAS | 187 | 154 | 10 | 21 | 32 | 20 | 7 | 12 | 0 | 0 | 83 | | 326 |
| WATER | 307 | 295 | 752 | 354 | 285 | 262 | 257 | 243 | 223 | 427 | 488 | | 3,893 |
| LEA D | | | | | | | | | | | | | |
| OIL | 2,340 | 2,000 | 2,114 | 2,053 | 1,897 | 1,728 | 1,698 | 1,669 | 1,377 | 1,605 | 1,000 | | 19,948 |
| GAS | 1,157 | 1,192 | 1,271 | 1,127 | 1,273 | 1,207 | 1,140 | 697 | 358 | 768 | 107 | | 10,297 |
| WATER | 10,708 | 9,518 | 9,989 | 9,869 | 10,102 | 9,436 | 9,888 | 10,555 | 9,804 | 10,000 | 10,461 | | 110,330 |
| STATE AZ | | | | | | | | | | | | | |
| OIL | 1,268 | 1,180 | 1,186 | 1,045 | 1,012 | 870 | 949 | 967 | 937 | 960 | 928 | | 11,302 |
| GAS | 703 | 787 | 830 | 756 | 755 | 800 | 822 | 831 | 707 | 414 | 394 | | 7,299 |
| WATER | 518 | 432 | 465 | 354 | 344 | 458 | 380 | 405 | 376 | 379 | 407 | | 4,518 |
| TOTAL AREA | 64,614 | 56,312 | 60,748 | 57,020 | 55,708 | 52,993 | 53,930 | 54,726 | 54,311 | 55,510 | 53,522 | | 619,394 |
| TOTAL AREA | 38,189 | 35,133 | 37,132 | 35,820 | 34,516 | 33,995 | 33,014 | 33,187 | 30,931 | 30,185 | 28,058 | | 369,560 |
| TOTAL AREA | 329,758 | 283,121 | 319,313 | 335,500 | 314,449 | 316,958 | 323,000 | 362,237 | 377,977 | 376,834 | 371,574 | | 3,710,721 |
| BOPD | 2,084 | 2,011 | 1,960 | 1,901 | 1,797 | 1,766 | 1,740 | 1,765 | 1,810 | 1,791 | 1,784 | | |
| MCPPD | 1,232 | 1,255 | 1,198 | 1,194 | 1,113 | 1,113 | 1,065 | 1,071 | 1,031 | 974 | 935 | | |
| BWPD | 10,637 | 10,111 | 10,300 | 11,183 | 10,144 | 10,565 | 10,419 | 11,685 | 12,599 | 12,156 | 12,386 | | |

THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT

PLAN OF DEVELOPMENT 1999

No drilling or conversion work occurred in the Maljamar Grayburg Unit during 1999. The #53 was TA'd.

No drilling or conversion work is planned for 2000. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

ROBINSON UT. L.
D. A. TIPTON (OPER)

Qualify Exxon
PROJ
MBP
4549
E. 7.777

Exxon
MBP
E. 7.777
ACEZ Taylor
Cecil Holman (S)

Marathon
Taylor
TD 4.507

Arwood
LTD
H.B.P. 029406B
R Scott
Mitchell
Mack Ener
5 029406
Conoco
Buffalo
U.S.
Olane Caswell (S)

Qualify Exxon
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MBP
4549
E. 7.777
Olane Caswell (S)
U.S.
Mack Ener
H.B.P. 029406B
Conoco
Buffalo
U.S.
Olane Caswell (S)

Qualify Exxon
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Olane Caswell (S)
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Olane Caswell (S)

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Olane Caswell (S)
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Olane Caswell (S)
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H.B.P. 029406B
Conoco
Buffalo
U.S.
Olane Caswell (S)

WISER OIL
(OPER)
MALJAMAR
GRBG.
UNIT
Mack Ener
H.B.P. 029406B
Conoco
Buffalo
U.S.
Olane Caswell (S)

WISER OIL
(OPER)
MALJAMAR
GRBG.
UNIT
Mack Ener
H.B.P. 029406B
Conoco
Buffalo
U.S.
Olane Caswell (S)

WISER OIL
(OPER)
MALJAMAR
GRBG.
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H.B.P. 029406B
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Buffalo
U.S.
Olane Caswell (S)

WISER OIL
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U.S.
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WISER OIL
(OPER)
MALJAMAR
GRBG.
UNIT
Mack Ener
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Olane Caswell (S)

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Buffalo
U.S.
Olane Caswell (S)

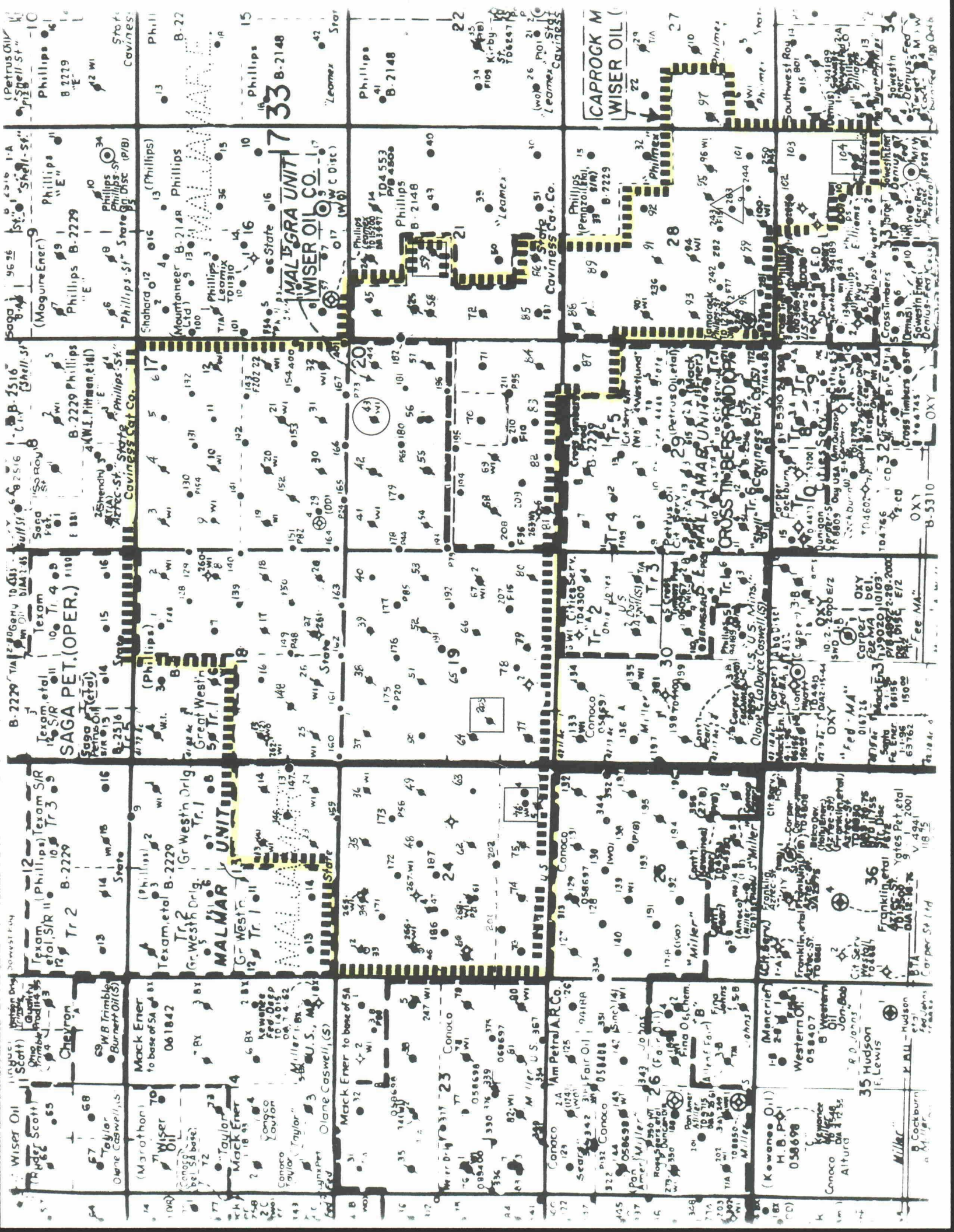
Conoco
Buffalo
U.S.
Olane Caswell (S)

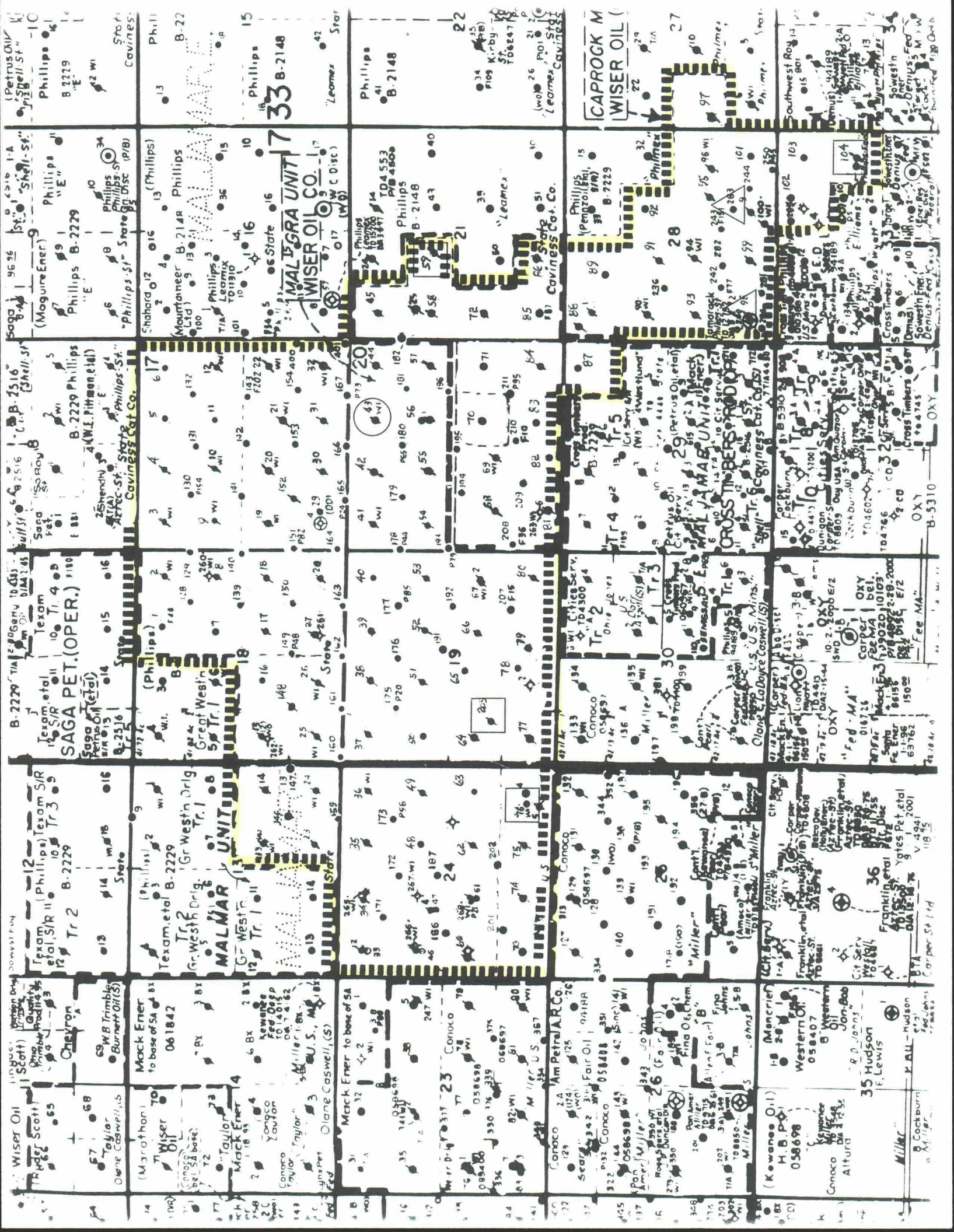
THE WISER OIL COMPANY CAPROCK MALJAMAR UNIT

PLAN OF DEVELOPMENT 1999

No drilling occurred in the Caprock Maljamar Unit during 1999. The #98 was converted to injection during 1999 and #43 was P&A'd. The #283 was converted to injection in November of 1998.

No drilling or conversion work is planned for 2000. The #59, 76, 104 and 205 will be P&A'd. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.





THE WISER OIL COMPANY

SKELLY UNIT

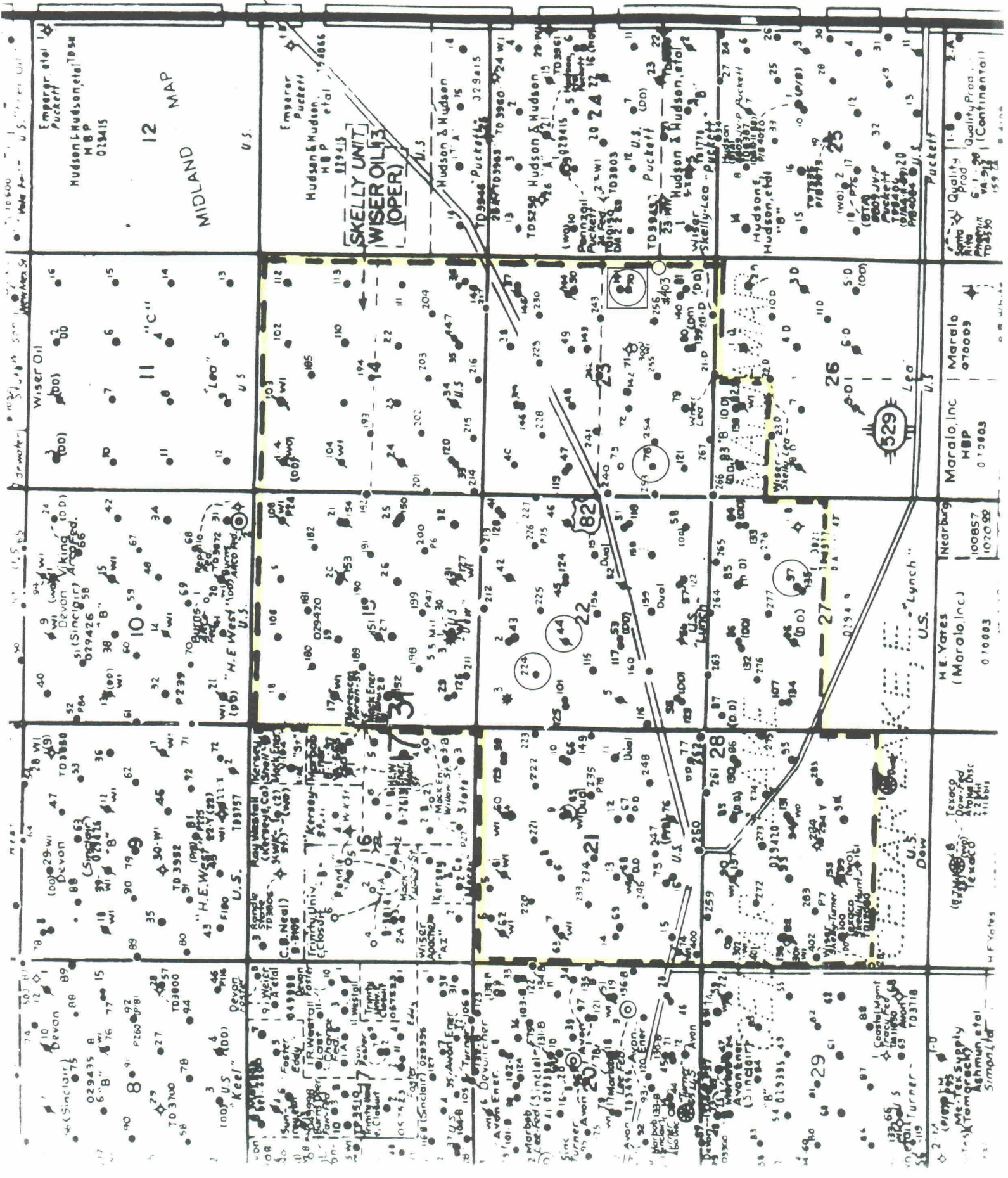
PLAN OF DEVELOPMENT

1999

No drilling or conversion work occurred in the Skelly Unit during 1999. The #44, 97 and 224 were P&A'd and #70 and 78 were TA'd.

The Skelly Unit #403 will be drilled in 2000 as a 20-acre lease line producer and #70 will be converted to injection. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

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12 MAP
MIDLAND

SKELLY UNIT
WISER OIL 13
(OPER)

529

U.S.
Hudson & Hudson
Puckett
Wiser
Skelly, Leo
Maralo, Inc
H.E. Yates
Nearburg
Texaco
Devon
Imperial

Wiser Oil
Hudson & Hudson
Puckett
Wiser
Skelly, Leo
Maralo, Inc
H.E. Yates
Nearburg
Texaco
Devon
Imperial

Wiser Oil
Hudson & Hudson
Puckett
Wiser
Skelly, Leo
Maralo, Inc
H.E. Yates
Nearburg
Texaco
Devon
Imperial

Wiser Oil
Hudson & Hudson
Puckett
Wiser
Skelly, Leo
Maralo, Inc
H.E. Yates
Nearburg
Texaco
Devon
Imperial

Wiser Oil
Hudson & Hudson
Puckett
Wiser
Skelly, Leo
Maralo, Inc
H.E. Yates
Nearburg
Texaco
Devon
Imperial

#3506



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

May 6, 1998

The Wiser Oil Company
8115 Preston Road
Suite 400
Dallas, Texas 75225

Attn: Mr. Matt Eagleston

Re: 1998 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

Dear Mr. Eagleston:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

A handwritten signature in cursive script, appearing to read "Jami Bailey".

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
pc: Reader File

OCD

BLM

FILE



WISER

November 11, 1998

State of New Mexico
Commissioner of Public Lands
Attn: Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148

Re: Plans of Development
Maljamar Grayburg Unit
Caprock Maljamar Unit
Lea County, New Mexico

Dear Sir:

Enclosed is an original and copy of the 1998 Plan of Development for each of the above referenced units. Drilling and conversion activity and production volumes are detailed in spreadsheet form and a map of each unit is included for reference.

If you have any questions or need more information, please call me at (214) 360-3580.

Sincerely,

Matt Eagleston
Project Manager

ME\be
Enclosures

cc: Roy Johnson, OCD, Santa Fe
BLM, Roswell

THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT

PLAN OF DEVELOPMENT 1998

No drilling or conversion work occurred in the Maljamar Grayburg Unit during the first ten months of 1998.

No additional work is planned for the remainder of 1998 or 1999. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

Mitchell

2023

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MALJAMAR AREA PRODUCTION (C-115) **1998**

| LEASE | | 01/98 | 02/98 | 03/98 | 04/98 | 05/98 | 06/98 | 07/98 | 08/98 | 09/98 | 10/98 | 11/98 | 12/98 | TOTAL |
|------------------------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-----------|
| MALJAMAR GRAYBURG UNIT | | | | | | | | | | | | | | |
| | OIL | 10575 | 9299 | 9703 | 8694 | 8549 | 7833 | 7324 | 8001 | 7349 | 0 | 0 | 0 | 77327 |
| | GAS | 4192 | 3941 | 4202 | 4010 | 4018 | 4181 | 3841 | 3494 | 3617 | 0 | 0 | 0 | 35496 |
| | WATER | 63311 | 57728 | 61170 | 68863 | 66395 | 55111 | 60586 | 42719 | 51970 | 0 | 0 | 0 | 527853 |
| LEA LL STATE | | | | | | | | | | | | | | |
| | OIL | 319 | 279 | 293 | 287 | 267 | 251 | 317 | 306 | 33 | 0 | 0 | 0 | 2352 |
| | GAS | 3325 | 3224 | 2232 | 1379 | 1855 | 1261 | 1986 | 2536 | 2591 | 0 | 0 | 0 | 20389 |
| | WATER | 274 | 0 | 379 | 116 | 462 | 212 | 501 | 220 | 464 | 0 | 0 | 0 | 2628 |
| CAPROCK MALJAMAR UNIT | | | | | | | | | | | | | | |
| | OIL | 37890 | 32343 | 35001 | 31035 | 30933 | 28830 | 29043 | 29217 | 27294 | 0 | 0 | 0 | 281586 |
| | GAS | 27258 | 27820 | 29474 | 27215 | 27212 | 29359 | 29930 | 29575 | 27240 | 0 | 0 | 0 | 255083 |
| | WATER | 319691 | 250358 | 244845 | 225489 | 218732 | 185252 | 241834 | 207083 | 204861 | 0 | 0 | 0 | 2098145 |
| SKELLY UNIT | | | | | | | | | | | | | | |
| | OIL | 40728 | 37247 | 38386 | 35574 | 34131 | 33427 | 33616 | 31881 | 31723 | 0 | 0 | 0 | 316713 |
| | GAS | 22513 | 23520 | 25610 | 25590 | 23042 | 22601 | 21112 | 17209 | 17781 | 0 | 0 | 0 | 198978 |
| | WATER | 207727 | 134687 | 140128 | 155021 | 154946 | 176749 | 210033 | 195895 | 213415 | 0 | 0 | 0 | 1588601 |
| LEA C | | | | | | | | | | | | | | |
| | OIL | 258 | 244 | 257 | 255 | 222 | 176 | 160 | 112 | 114 | 0 | 0 | 0 | 1798 |
| | GAS | 95 | 84 | 93 | 89 | 70 | 52 | 47 | 31 | 39 | 0 | 0 | 0 | 600 |
| | WATER | 229 | 187 | 230 | 236 | 226 | 221 | 232 | 235 | 205 | 0 | 0 | 0 | 2001 |
| LEA D | | | | | | | | | | | | | | |
| | OIL | 7792 | 5597 | 5717 | 4814 | 4991 | 3922 | 3674 | 3321 | 2703 | 0 | 0 | 0 | 42531 |
| | GAS | 4120 | 3018 | 2792 | 2373 | 2895 | 2391 | 2413 | 1597 | 1673 | 0 | 0 | 0 | 23272 |
| | WATER | 12632 | 11932 | 17117 | 15889 | 15331 | 14000 | 14040 | 13372 | 12847 | 0 | 0 | 0 | 127160 |
| STATE AZ | | | | | | | | | | | | | | |
| | OIL | 214 | 185 | 206 | 442 | 3915 | 2197 | 1862 | 1647 | 1513 | 0 | 0 | 0 | 12181 |
| | GAS | 243 | 229 | 232 | 271 | 2779 | 2039 | 1549 | 1098 | 1371 | 0 | 0 | 0 | 9811 |
| | WATER | 17 | 42 | 50 | 65 | 2063 | 1008 | 874 | 713 | 767 | 0 | 0 | 0 | 5599 |
| TOTAL AREA | | | | | | | | | | | | | | |
| | OIL | 97,776 | 85,194 | 89,563 | 81,101 | 83,008 | 76,636 | 75,996 | 74,485 | 70,729 | 0 | 0 | 0 | 734,488 |
| | GAS | 61,746 | 61,836 | 64,635 | 60,927 | 61,871 | 61,884 | 60,878 | 55,540 | 54,312 | 0 | 0 | 0 | 543,629 |
| | WATER | 603,881 | 454,934 | 463,919 | 465,679 | 458,155 | 432,553 | 528,100 | 460,237 | 484,529 | 0 | 0 | 0 | 4,351,987 |
| BOPD | | 3,154 | 3,043 | 2,889 | 2,703 | 2,678 | 2,555 | 2,451 | 2,403 | 2,358 | 0 | 0 | 0 | |
| MCFPD | | 1,992 | 1,995 | 2,085 | 2,031 | 1,996 | 2,063 | 1,964 | 1,792 | 1,810 | 0 | 0 | 0 | |
| BWPD | | 19,480 | 14,675 | 14,965 | 15,523 | 14,779 | 14,418 | 17,035 | 14,846 | 16,151 | 0 | 0 | 0 | |



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

**State of New Mexico
Commissioner of Public Lands**

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

January 15, 1999

Matador Petroleum Corporation
8340 Meadow Road
Suite 158, Pecan Creek
Dallas, Texas 75231-3751

Attn: Ms. Mona D. Ables

Re: 1998 Plan of Development
Maduro Unit
Lea County, New Mexico

Dear Ms. Ables:

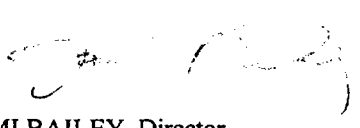
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
xc: Reader File

OCD

BLM

NEW MEXICO INFORMATION

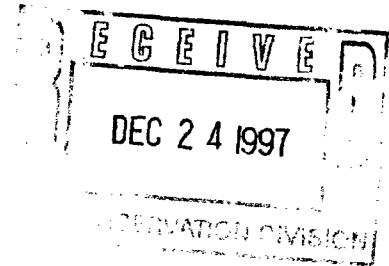
3506



WISER

December 22, 1997

State of New Mexico
Commissioner of Public Lands
Attn: Pete Martinez
P.O. Box 1148
Santa Fe, NM 87504-1148



Re: Plans of Development
Maljamar Grayburg Unit
Caprock Maljamar Unit
Lea County, New Mexico

Dear Sir:

Enclosed is an original and copy of the 1997 Plan of Development for each of the above referenced units. Drilling and conversion activity and production volumes for 1996 and 1997 to date are detailed in spreadsheet form and a map of each unit is included for reference.

If you have any questions or need more information, please call me at (214) 360-3580.

Sincerely,

Matt Eagleston
Project Manager

ME\be
Enclosures

cc: Roy Johnson, OCD, Santa Fe + SKELLY UNIT
BLM, Roswell

THE WISER OIL COMPANY MALJAMAR GRAYBURG UNIT

PLAN OF DEVELOPMENT 1995-1997

Two new 20-acre infill producers were drilled and completed during 1995. One P&A'd well was re-entered and converted to injection and one well was P&A'd. Injection and production facilities were expanded as required.

Seventeen new 20-acre infill producers were drilled and completed during 1996. Seven existing producing or TA'd wellbores were converted to injection and one P&A'd well was re-entered and converted to injection. Injection and production facilities were expanded as required.

Three new 20-acre infill producers were drilled and completed during the first 10 months of 1997 and four new injection wells were drilled as replacements for existing wells not suitable for injection. Seven existing producing or TA'd wellbores were converted to injection and one P&A'd well was re-entered and converted to injection. One existing injector was converted back to producing status and one well was P&A'd. Injection and production facilities were expanded as required.

No additional infill work is planned for the remainder of 1997 or 1998. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

Aztec
Hudson
104125

ROBINSON UT.
D.A. TIPTON (OPER)

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H.B.P. 029406B

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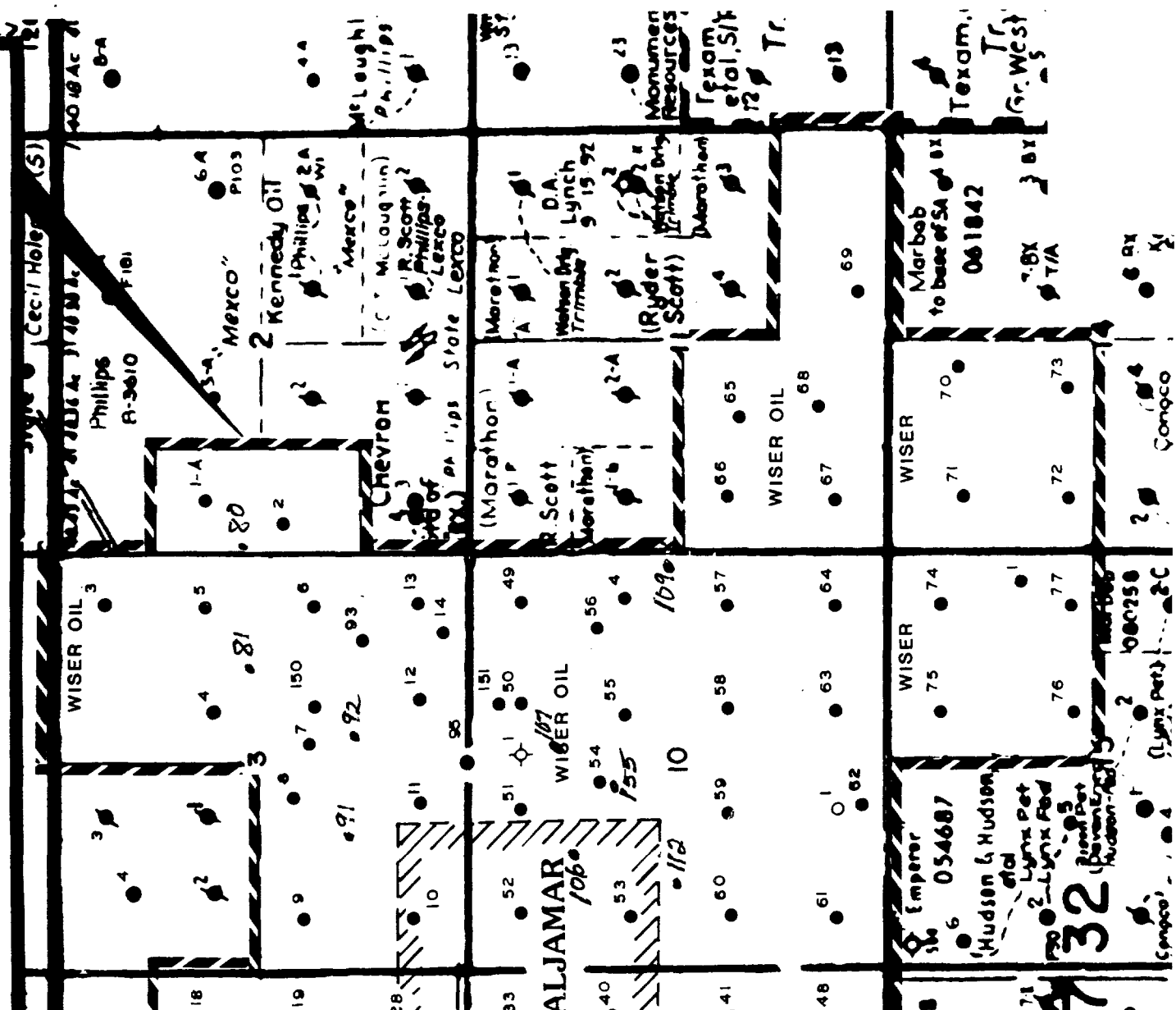
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MALJAMAR-GRAYBURG UNIT



**NEW WELLS - 1997
NEW MEXICO**

DRILLING

| LEASE | SPUD DATE | 1ST PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION | LEASE | SPUD DT |
|-------------|-----------|----------|------|------------|------------------------|-----------------|------------|----------|
| SKELLY 233 | 10/16/96 | 01/03/97 | 3900 | 3036-3224' | 10370/8 | GRAYBURG | LEA D 11 | 08/08/97 |
| SKELLY 263 | 10/16/96 | 01/07/97 | 3900 | 3484-3670' | 33/53/0 | GRYBG & SAN AND | SKELLY 302 | 09/04/97 |
| SKELLY 274 | 11/10/96 | 01/10/97 | 3950 | 3541-3717' | 91/40/58 | GRYBG & SAN AND | CMU 282 | 09/12/97 |
| SKELLY 194 | 11/15/96 | 01/15/97 | 4100 | 3393-3978' | 18/1/60 | GRYBG & SAN AND | LEA D 22 | 09/26/97 |
| SKELLY 203 | 11/30/96 | 01/20/97 | 4100 | 3345-3899' | 59/86/44 | GRYBG & SAN AND | LEA D 20 | 10/05/97 |
| SKELLY 265 | 11/04/96 | 01/21/97 | 3950 | 3540-3869' | 3/6/40 | GRYBG & SAN AND | LEA D 23 | 10/13/97 |
| SKELLY 216 | 12/06/96 | 01/22/97 | 4100 | 3451-3882' | 45/75/9 | GRYBG & SAN AND | MGBU 128 | 10/20/97 |
| SKELLY 254 | 09/27/96 | 01/23/97 | 4050 | 3313-3905' | 9/18/44 | GRYBG & SAN AND | SKELLY 401 | 10/29/97 |
| SKELLY 180 | 12/06/96 | 01/28/97 | 3950 | 3308-3501' | 57/26 | GRAYBURG | LEA D 21 | 11/02/97 |
| SKELLY 255 | 12/01/96 | 01/28/97 | 4100 | 3420-3927' | 90/97/126 | GRYBG & SAN AND | SKELLY 400 | 11/10/97 |
| SKELLY 267 | 11/05/96 | 01/31/97 | 3950 | 3520-3826' | 93/61/44 | GRYBG & SAN AND | SKELLY 402 | 11/20/97 |
| CMU 281 | 12/22/96 | 01/31/97 | 4775 | 4273-4521 | 7870/194 | GRYBG & SAN AND | | |
| SKELLY 230 | 11/20/96 | 02/14/97 | 4100 | 3412-3641 | 18/51/65 | GRYBG & SAN AND | | |
| SKELLY 189 | 11/24/96 | 02/10/97 | 3925 | 3286-3762 | 27/51/153 | GRYBG & SAN AND | | |
| SKELLY 243 | 11/25/96 | 02/18/97 | 4050 | 3385-3871 | 5/34/44 | GRYBG & SAN AND | | |
| SKELLY 242 | 12/11/96 | 02/11/97 | 4025 | 3369-3580 | 5/52/36 | GRYBG & SAN AND | | |
| SKELLY 229 | 12/12/96 | 02/04/97 | 4025 | 3383-3597 | 81/95/267 | GRYBG & SAN AND | | |
| SKELLY 217 | 12/17/96 | 02/11/97 | 4120 | 3456-3659 | 34/1/11 | GRYBG & SAN AND | | |
| SKELLY 182 | 12/18/96 | 02/18/97 | 3950 | 3336-3584 | 16/17/76 | GRYBG & SAN AND | | |
| SKELLY 191 | 01/02/97 | 03/22/97 | 3900 | 3306-3801 | 17/30/32 | GRYBG & SAN AND | | |
| SKELLY 192 | 01/08/97 | 03/27/97 | 3950 | 3518-3825 | 48/33/106 | GRYBG & SAN AND | | |
| SKELLY 193 | 01/14/97 | 03/06/97 | 4100 | 3336-3584 | 16/17/76 | GRYBG & SAN AND | | |
| SKELLY 220 | 10/03/96 | 03/27/97 | 3800 | 3222-3587 | 18/37/1 | GRYBG & SAN AND | | |
| SKELLY 278 | 12/26/96 | 03/04/97 | 4100 | 3696-3825 | 4/24/22 | GRYBG & SAN AND | | |
| CMU 263 | 10/29/96 | 04/25/97 | 4650 | 4122-4584 | INJECTION | GRYBG & SAN AND | | |
| MGBU 153 | 01/07/97 | 04/04/97 | 4200 | 3837-3995 | INJECTION | GRAYBURG | | |
| MGBU 154 | 12/30/96 | 04/19/97 | 4200 | 3828-3990 | INJECTION | GRAYBURG | | |
| CMU 280 | 02/16/97 | 04/05/97 | 4827 | 4200-4649 | 23/10/121 | GRYBG & SAN AND | | |
| SKELLY 283 | 01/27/97 | 04/04/97 | 4000 | 3431-3843 | 7/3/296 | GRYBG & SAN AND | | |
| SKELLY 284Y | 01/21/97 | 04/10/97 | 4025 | 3472-3744 | 16/13/93 | GRYBG & SAN AND | | |
| MGBU 152 | 03/12/97 | 04/29/97 | 4250 | 3889-4051 | INJECTION | GRAYBURG | | |
| CMU 262 | 10/23/96 | 05/09/97 | 4600 | 4134-4311 | INJECTION | GRYBG & SAN AND | | |
| CMU 266 | 02/08/97 | 05/22/97 | 4425 | 3880-4190 | INJECTION | GRYBG & SAN AND | | |
| CMU 265 | 01/13/97 | 06/01/97 | 4450 | 3915-4232 | INJECTION | GRAYBURG | | |
| SKELLY 300 | 04/25/97 | 06/11/97 | 4050 | 3365-3597 | INJECTION | GRYBG & SAN AND | | |
| CMU 267 | 02/02/97 | 06/13/97 | 4450 | 3953-4234 | INJECTION | GRYBG & SAN AND | | |
| MGBU 155 | 04/20/97 | 06/20/97 | | | INJECTION | | | |
| SKELLY 276 | 05/11/97 | 06/14/97 | 4150 | 3658-3822 | 12/10/155 | GRYBG & SAN AND | | |
| SKELLY 214 | 05/19/97 | 06/13/97 | 3950 | 3532-3822 | 25/40/84 | GRYBG & SAN AND | | |
| SKELLY 264 | 10/09/96 | 06/20/97 | 3900 | 3282-3451 | 14/10/488 | GRAYBURG | | |
| CMU 268 | 02/26/97 | 07/02/97 | | | | | | |
| SKELLY 215 | 05/25/97 | 07/05/97 | 4000 | 3335-3565 | 87/128/99 | GRYBG & SAN AND | | |
| SKELLY 301 | 05/02/97 | 07/16/97 | 3950 | 3353-3625 | INJECTION | GRYBG & SAN AND | | |
| LEA D 10 | 08/01/97 | 08/22/97 | | | | | | |
| MGBU 127 | 08/22/97 | 09/17/97 | | | | | | |
| SKELLY 213 | 08/29/97 | | | | | | | |
| MGBU 103 | 09/18/97 | | | | | | | |

**MALJAMAR AREA
1997 INJECTION WELLS**

| WELL | DATE INJ
BEGAN | |
|-----------|-------------------|-------------------------------|
| MGBU 4 | 01/97 | Conv prod well to inj |
| MGBU 5 | 01/97 | Conv prod well to inj |
| MGBU 15 | 01/97 | Conv prod well to inj |
| CMU 58 | 01/97 | Conv prod well to inj |
|
 | | |
| MGBU 25 | 02/97 | Re-enter TA'd producer |
| MGBU 28 | 02/97 | Re-enter PA'd injector |
| CMU 16 | 02/97 | Conv prod well to inj |
| CMU 69 | 02/97 | Conv prod well to inj |
| CMU 71 | 02/97 | Conv prod well to inj |
| CMU 82 | 02/97 | Conv prod well to inj |
| CMU 83 | 02/97 | Conv prod well to inj |
| CMU 84 | 02/97 | Re-activate TA'd to inj |
| CMU 96 | 02/97 | Conv prod well to inj |
| SKELLY 45 | 02/97 | Conv prod well to inj |
| SKELLY 55 | 02/97 | Conv prod well to inj |
|
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| MGBU 18 | 03/97 | Re-enter PA'd injector |
| SK 29 | 03/97 | Conv prod well to inj |
| SK 39 | 03/97 | Conv prod well to inj |
| SK 47 | 03/97 | Conv prod well to inj |
| SK 72 | 03/97 | Conv prod well to inj |
| SK 80 | 03/97 | Conv prod well to inj |
| SK 84 | 03/97 | Conv prod well to inj |
| SK 86 | 03/97 | Conv prod well to inj |
| SK 101 | 03/97 | Conv prod well to inj |
| SK 107 | 03/97 | Conv prod well to inj |
| CMU 261 | 03/97 | Re-drill water inj well |
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| MGBU 152 | 04/97 | Re-drill water inj well |
| MGBU 153 | 04/97 | Re-drill water inj well |
| MGBU 154 | 04/97 | Re-drill water inj well |
| SK 23 | 04/97 | Conv prod well to inj |
| SK 25 | 04/97 | Conv prod well to inj |
| SK 28 | 04/97 | Conv prod well to inj |
| SK 35 | 04/97 | Conv prod well to inj |
| SK 41 | 04/97 | Conv prod well to inj |
| SK 43 | 04/97 | Conv prod well to inj |
| SK 51 | 04/97 | Conv prod well to inj |
| SK 57 | 04/97 | Conv prod well to inj |
| SK 59 | 04/97 | Conv prod well to inj |
| SK 66 | 04/97 | Return SI inj to inj |
| SK 83 | 04/97 | Return SI inj to inj |
| SK 88 | 04/97 | Conv prod well to inj |
| SK 95 | 04/97 | Return TA'd inj to inj |
| CMU 260 | 04/97 | Re-drill water inj well |
| CMU 263 | 04/97 | Re-drill water inj well |
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| MGBU 78 | 05/97 | Conv inj well to prod |
| SK 20 | 05/97 | Conv prod well to inj |
| SK 27 | 05/97 | Conv prod well to inj |
| SK 49 | 05/97 | Conv prod well to inj |
| SK 87 | 05/97 | Conv prod well to inj |
| SK 109 | 05/97 | Conv prod well to inj |
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| MGBU 59 | 06/97 | Conv TA'd prod well to inj |
| MGBU 155 | 06/97 | Re-drill water inj well |
| CMU 265 | 06/97 | Re-drill water inj well |
| CMU 267 | 06/97 | Re-drill water inj well |
| SK 17 | 06/97 | Conv prod well to inj |
| SK 18 | 06/97 | Conv prod well to inj |
| SK 33 | 06/97 | Conv prod well to inj |
| SK 58 | 06/97 | Conv dual inj to single G inj |
| SK 61 | 06/97 | Conv prod well to inj |
| SK 104 | 06/97 | Conv prod well to inj |
| SK 106 | 06/97 | Conv prod well to inj |
| SK 300 | 06/97 | Re-drill water inj well |
|
 | | |
| Sk 60 | 07/97 | Conv prod well to inj |
| Sk 62 | 07/97 | Conv prod well to inj |
| Sk 63 | 07/97 | Conv prod well to inj |
| Sk 65 | 07/97 | Conv prod well to inj |
| Sk 68 | 07/97 | Conv prod well to inj |
| Sk 74 | 07/97 | Conv prod well to inj |
| Sk 82 | 07/97 | Conv prod well to inj |
| Sk 90 | 07/97 | Conv prod well to inj |
| Sk 93 | 07/97 | Return TA'd inj to inj |
| Sk 103 | 07/97 | Conv prod well to inj |
| Sk 108 | 07/97 | Conv prod well to inj |
| Sk 110 | 07/97 | Conv prod well to inj |
| Sk 301 | 07/97 | Re-drill water inj well |
|
 | | |
| SK 100 | 08/97 | Re-enter PA'd injector |
| SK 121 | 08/97 | Conv prod well to inj |

MALJAMAR AREA PRODUCTION (C-115)
1997

| LEASE | | 01/97 | 02/97 | 03/97 | 04/97 | 05/97 | 06/97 | 07/97 | 08/97 | 09/97 | 10/97 | 11/97 | 12/97 | TOTAL |
|------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
| MALJAMAR GRAYBURG UNIT | OIL | 6560 | 6480 | 7573 | 6902 | 7121 | 7182 | 6947 | 6828 | 9297 | 0 | 0 | 0 | 64890 |
| | GAS | 3887 | 3144 | 3001 | 3139 | 2829 | 2544 | 2122 | 2243 | 2952 | 0 | 0 | 0 | 25861 |
| | WATER | 48943 | 48664 | 57852 | 52726 | 64995 | 66125 | 68598 | 63397 | 62231 | 0 | 0 | 0 | 533531 |
| LEA LL STATE | OIL | 373 | 323 | 310 | 331 | 323 | 298 | 252 | 282 | 242 | 0 | 0 | 0 | 2734 |
| | GAS | 955 | 1327 | 1777 | 1621 | 2120 | 1943 | 2035 | 1144 | 1878 | 0 | 0 | 0 | 14800 |
| | WATER | 481 | 151 | 419 | 300 | 400 | 261 | 376 | 129 | 287 | 0 | 0 | 0 | 2804 |
| CAPROCK MALJAMAR UNIT | OIL | 33176 | 30849 | 33484 | 31074 | 31467 | 28892 | 30221 | 29085 | 30627 | 0 | 0 | 0 | 278875 |
| | GAS | 18609 | 18986 | 21085 | 20261 | 19518 | 17616 | 19073 | 18178 | 19569 | 0 | 0 | 0 | 172895 |
| | WATER | 202645 | 201798 | 228498 | 237243 | 233809 | 227472 | 237394 | 249915 | 245963 | 0 | 0 | 0 | 2064737 |
| SKELLY UNIT | OIL | 72333 | 60781 | 61530 | 51861 | 46254 | 41216 | 43877 | 42821 | 39147 | 0 | 0 | 0 | 459820 |
| | GAS | 44260 | 46599 | 46213 | 39507 | 35974 | 32237 | 35987 | 33271 | 29450 | 0 | 0 | 0 | 343498 |
| | WATER | 125787 | 125418 | 176650 | 167295 | 212056 | 258979 | 209048 | 177803 | 146841 | 0 | 0 | 0 | 1599877 |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| CMU 159 | 01/02/96 | 01/27/96 | 4850 | 3960-4561 | 78/26/405 | GRYBG & SAN AND |
| MGBU 106 | 01/10/96 | 02/07/96 | 4425 | 3881-4336 | 47/15/242 | GRYBG & SAN AND |
| CMU 209 | 01/03/96 | 01/26/96 | 4900 | 4454-4651' | 50/28/259 | SAN ANDRES |
| CMU 149 | 01/17/96 | 02/29/96 | 4950 | 4203-4738' | 48/17/142 | GRAYBURG |
| CMU 243 | 01/18/96 | 02/29/96 | 4950 | 4615-4695' | 151/70/80 | SAN ANDRES |
| SKELLY 235 | 02/03/96 | 03/20/96 | 3950 | 3151-3349' | 78/65/19 | GRAYBURG |
| CMU 211 | 02/11/96 | 03/22/96 | 4850 | 4527-4535' | 95/30/10 | SAN ANDRES |
| CMU 250 | 02/13/96 | 04/13/96 | 4950 | 4676-4752' | 45/26/105 | SAN ANDRES |
| CMU 242 | 03/03/96 | 04/04/96 | 4803 | 4523-4576' | 77/59/23 | SAN ANDRES |
| CMU 146 | 01/27/96 | 07/05/96 | 4850 | 4031-4316' | 23/9/367 | GRYBG & SAN AND |
| MGBU 107 | 02/02/96 | 06/02/96 | 4450 | 3910-4070' | 43/18/191 | GRAYBURG |
| CMU 208 | 02/05/96 | 05/04/96 | 4850 | 4107-4465' | 36/10/26 | GRYBG & SAN AND |
| CMU 182 | 02/18/96 | 06/01/96 | 4850 | 4243-4442' | 15/1/110 | GRAYBURG |
| SKELLY 248 | 03/11/96 | 05/23/96 | 3950 | 3301-3705' | 100/61/115 | GRYBG & SAN AND |
| CMU 207 | 03/16/96 | 05/14/96 | 4750 | 4059-4353' | 15/3/101 | GRYBG & SAN AND |
| CMU 210 | 03/28/96 | 06/01/96 | 4800 | 4179-4369' | 10/4/134 | GRAYBURG |
| MGBU 79 | 02/21/96 | 06/11/96 | 4400 | 3871-4030' | 55/1/19 | GRAYBURG |
| SKELLY 234 | 02/22/96 | 06/14/96 | 3950 | 3106-3311' | 76/45/8 | GRAYBURG |
| MGBU 112 | 02/29/96 | 06/04/96 | 4450 | 3861-4034' | 25/11/79 | GRAYBURG |
| SKELLY 247 | 03/02/96 | 06/01/96 | 3950 | 3285-3439' | 109/57/383 | GRAYBURG |
| SKELLY 260 | 03/15/96 | 06/03/96 | 3950 | 3338-3508' | 57/30/115 | GRAYBURG |
| SKELLY 261 | 03/17/96 | 06/03/96 | 3950 | 3384-3525' | 45/37/8 | GRAYBURG |
| MGBU 89 | 04/11/96 | 06/28/96 | 4550 | 3858-4318' | 11/9/37 | GRYBG & SAN AND |
| MGBU 91 | 04/21/96 | 06/18/96 | 4400 | 3970-4131' | 18/8/22 | GRAYBURG |
| MGBU 99 | 05/04/96 | 06/18/96 | 4350 | 3844-4299' | 57/3/0 | GRYBG & SAN AND |
| SKELLY 262 | 02/13/96 | 07/02/96 | 3950 | 3401-3613' | 165/81/0 | GRYBG & SAN AND |
| CMU 191 | 03/08/96 | 07/21/96 | 4775 | 4046-4493' | 42/15/35 | GRYBG & SAN AND |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| MGBU 80 | 04/18/96 | 07/02/96 | 4450 | 4049-4280' | 16/9/41 | GRYBG & SAN AND |
| MGBU 88 | 04/27/96 | 07/02/96 | 4400 | 3829-4281' | 15/10/112 | GRYBG & SAN AND |
| SKELLY 227 | 05/22/96 | 07/02/96 | 3950 | 3337-3514' | 50/9/14 | GRAYBURG |
| SKELLY 284 | 06/29/96 | 07/15/96 | | | | P&A'D |
| MGBU 109 | 07/07/96 | 09/07/96 | 4400 | 3907-4077' | 47/16/100 | GRAYBURG |
| CMU 161 | 01/25/96 | 08/16/96 | 4850 | 4086-4328' | 120/16/140 | GRYBG & SAN AND |
| CMU 147 | 02/25/96 | 08/22/96 | 4850 | 4062-4304' | 63/24/90 | GRYBG & SAN AND |
| MGBU 85 | 04/04/96 | 07/12/96 | 4550 | 3925-4083' | 41/3/202 | GRAYBURG |
| MGBU 87 | 05/11/96 | 07/10/96 | 4200 | 3847-4010' | 30/6/50 | GRAYBURG |
| SKELLY 266 | 05/29/96 | 08/20/96 | 4100 | 3521-3915' | 113/42/33 | GRYBG & SAN AND |
| CMU 172 | 06/06/96 | 08/14/96 | 4700 | 3949-4463' | 75/19/218 | GRYBG & SAN AND |
| SKELLY 223 | 06/06/96 | 08/07/96 | 3982 | 3199-3356' | 50/9/10 | GRAYBURG |
| SKELLY 225 | 06/13/96 | 08/08/96 | 4000 | 3290-3410' | 154/111/11 | GRAYBURG |
| MGBU 90 | 06/23/96 | 07/29/96 | 4550 | 3898-4054' | 10/4/112 | GRAYBURG |
| MGBU 81 | 06/28/96 | 08/02/96 | 4500 | 4054-4202' | 17/2/99 | GRAYBURG |
| CMU 236 | 08/01/96 | 09/17/96 | 4900 | 4224-4598' | 43/2/144 | GRYBG & SAN AND |
| CMU 244 | 03/09/96 | 08/30/96 | 4900 | 4372-4461' | 41/20/335 | GRAYBURG |
| CMU 186 | 06/11/96 | 09/16/96 | 4800 | 3880-4450' | 60/23/85 | GRYBG & SAN AND |
| SKELLY 277 | 07/31/96 | 10/01/96 | 4100 | 3542-3735' | 107/70/139 | GRAYBURG |
| CMU 171 | 08/07/96 | 10/09/96 | 4650 | 3958-4462' | 24/30/178 | GRYBG & SAN AND |
| SKELLY 201 | 07/16/96 | 10/16/96 | 4050 | 3570-3815' | 136/69/21 | GRYBG & SAN AND |
| MGBU 101 | 07/26/96 | 09/12/96 | 4450 | 3799-4275' | 15/13/18 | GRYBG & SAN AND |
| SKELLY 181 | 08/10/96 | 09/26/96 | 3950 | 3325-3761' | 22/4/1 | GRYBG & SAN AND |
| SKELLY 185 | 08/16/96 | 09/26/96 | 4150 | 3414-3974' | 15/5/49 | GRYBG & SAN AND |
| MGBU 98 | 07/13/96 | 10/24/96 | 4500 | 3867-4310' | 8/4/82 | GRYBG & SAN AND |
| MGBU 100 | 07/20/96 | 11/01/96 | 4450 | 3825-4266' | 10/7/25 | GRYBG & SAN AND |
| SKELLY 272 | 09/14/96 | 11/05/96 | 3987 | 3398-3512' | 31/12/29 | GRAYBURG |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| SKELLY 259 | 09/20/96 | 11/06/96 | 4000 | 3336-3535' | 45/7/8 | GRYBG & SAN AND |
| SKELLY 204 | 08/29/96 | 10/10/96 | 4150 | 3433-4011' | 11/26/116 | GRYBG & SAN AND |
| SKELLY 212 | 08/14/96 | 11/09/96 | 4060 | 3239-3815' | 94/96/94 | GRYBG & SAN AND |
| CMU 260 | 05/25/96 | 09/19/96 | 4675 | 4150-4512' | INJECTION | GRYBG & SAN AND |
| CMU 261 | 06/01/96 | 09/19/96 | 4100 | 4202-4515' | INJECTION | GRYBG & SAN AND |
| CMU 187 | 06/17/96 | 10/08/96 | 4700 | 3941-4496' | 17/15/378 | GRYBG & SAN AND |
| SKELLY 228 | 06/22/96 | 11/13/96 | 4005 | 3416-3553' | 22/3/343 | GRYBG & SAN AND |
| SKELLY 199 | 07/24/96 | 11/12/96 | 4000 | 3268-3763' | 47/66/119 | GRYBG & SAN AND |
| SKELLY 240 | 10/05/96 | 11/21/96 | 4050 | 3346-3557' | 11/6/27 | GRAYBURG |
| SKELLY 246 | 08/24/96 | 11/18/96 | 3950 | 3590-3761' | 99/129/68 | GRYBG & SAN AND |
| SKELLY 275 | 10/11/96 | 11/15/96 | 4000 | 3547-3881' | 118/83/276 | GRYBG & SAN AND |
| SKELLY 253 | 09/20/96 | 11/21/96 | 4000 | 3398-3565' | 33/13/7 | GRAYBURG |
| SKELLY 256 | 09/06/96 | 11/27/96 | 4050 | 3378-3918' | 83/35/61 | GRYBG & SAN AND |
| SKELLY 200 | 08/20/96 | 12/20/96 | 4000 | 3299-3794' | 6/1/113 | GRYBG & SAN AND |
| SKELLY 198 | 08/25/96 | 12/03/96 | 4000 | 3252-3748' | 53/46/50 | GRYBG & SAN AND |
| SKELLY 211 | 08/31/96 | 12/07/96 | 4000 | 3385-3777' | 54/59/56 | GRYBG & SAN AND |
| SKELLY 202 | 09/05/96 | 12/24/96 | 4050 | 3365-3866' | 117/86/23 | GRYBG & SAN AND |
| SKELLY 241 | 09/14/96 | 12/09/96 | 4000 | 3364-3520' | 28/8/8 | GRAYBURG |
| SKELLY 221 | 09/25/96 | 12/20/96 | 3850 | 2933-3290' | 15/0/7 | GRYBG & SAN AND |
| SKELLY 222 | 09/30/96 | 12/03/96 | 3900 | 3169-3775' | 67/146/166 | GRYBG & SAN AND |
| SKELLY 226 | 10/23/96 | 12/16/96 | 4000 | 3322-3783' | 75/98/49 | GRYBG & SAN AND |
| SKELLY 224 | 10/29/96 | 12/12/96 | 4000 | 3211-3443' | 15/3/54 | GRYBG & SAN AND |
| SKELLY 190 | 11/10/96 | 12/31/96 | 4050 | 3309-3546' | 19/22/82 | GRYBG & SAN AND |
| SKELLY 273 | 11/16/96 | 12/30/96 | 3950 | 3501-3832' | 138/23/22 | GRYBG & SAN AND |

**MALJAMAR AREA
1996 INJECTION WELLS**

| WELL | DATE INJ
BEGAN | |
|-----------|-------------------|-------------------------|
| MGBU 20 | 01/96 | Convert P&A well to inj |
| CMU 7 | 01/96 | Conv prod well to inj |
| CMU 28 | 06/96 | Convert P&A well to inj |
| CMU 67 | 07/96 | Conv prod well to inj |
| SKELLY 52 | 07/96 | Workover; return to inj |
| SKELLY 54 | 07/96 | Workover; return to inj |
| SKELLY 77 | 07/96 | Workover; return to inj |
| MGBU 17 | 08/96 | Conv prod well to inj |
| CMU 23 | 08/96 | Conv P&A well to inj |
| CMU 24 | 08/96 | Conv P&A well to inj |
| CMU 25 | 08/96 | Conv P&A well to inj |
| MGBU 21 | 09/96 | Conv prod well to inj |
| CMU 68 | 09/96 | Conv prod well to inj |
| CMU 13 | 10/96 | Conv P&A well to inj |
| CMU 14 | 10/96 | Conv P&A well to inj |
| CMU 73 | 10/96 | Conv prod well to inj |
| CMU 94 | 10/96 | Conv prod well to inj |
| CMU 100 | 10/96 | Conv prod well to inj |
| CMU 79 | 11/96 | Conv prod well to inj |
| CMU 90 | 11/96 | Conv prod well to inj |
| MGBU 8 | 12/96 | Conv prod well to inj |
| MGBU 10 | 12/96 | Conv prod well to inj |
| MGBU 19 | 12/96 | Conv prod well to inj |
| MGBU 27 | 12/96 | Conv prod well to inj |
| MGBU 53 | 12/96 | Conv TA'd well to inj |
| CMU 20 | 12/96 | Conv prod well to inj |
| CMU 45 | 12/96 | WO TA'd inj well |

MALJAMAR AREA PRODUCTION (C-115)
1996

| <u>LEASE</u> | | <u>01/96</u> | <u>02/96</u> | <u>03/96</u> | <u>04/96</u> | <u>05/96</u> | <u>06/96</u> | <u>07/96</u> | <u>08/96</u> | <u>09/96</u> | <u>10/96</u> | <u>11/96</u> | <u>12/96</u> | <u>TOTAL</u> |
|-------------------------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| MALJAMAR GRAYBURG UNIT | | | | | | | | | | | | | | |
| | OIL | 4536 | 5109 | 5431 | 5287 | 5493 | 7778 | 9121 | 10129 | 9512 | 9149 | 8291 | 7338 | 87174 |
| | GAS | 540 | 401 | 761 | 604 | 29 | 1259 | 3303 | 4151 | 3973 | 4403 | 5642 | 4802 | 29868 |
| | WATER | 21303 | 29489 | 24726 | 17834 | 23140 | 31288 | 37959 | 39647 | 39150 | 38811 | 38083 | 36182 | 377612 |
| LEA LL STATE | | | | | | | | | | | | | | |
| | OIL | 341 | 267 | 304 | 271 | 315 | 275 | 290 | 296 | 271 | 293 | 267 | 269 | 3459 |
| | GAS | 914 | 836 | 1490 | 1110 | 1125 | 1129 | 997 | 867 | 1103 | 757 | 937 | 1192 | 12457 |
| | WATER | 279 | 261 | 279 | 270 | 279 | 276 | 242 | 411 | 266 | 266 | 269 | 251 | 3349 |
| CAPROCK MALJAMAR UNIT | | | | | | | | | | | | | | |
| | OIL | 31793 | 29318 | 34288 | 35319 | 31743 | 31605 | 35244 | 39092 | 39827 | 40376 | 36317 | 34776 | 419698 |
| | GAS | 15483 | 17311 | 16976 | 19445 | 19538 | 19618 | 19681 | 23526 | 22827 | 22710 | 19694 | 19247 | 236056 |
| | WATER | 207148 | 184337 | 159515 | 185159 | 162104 | 209934 | 205073 | 202734 | 197865 | 228273 | 248177 | 231929 | 2422248 |
| SKELLY UNIT | | | | | | | | | | | | | | |
| | OIL | 11533 | 12662 | 14288 | 12113 | 14439 | 18386 | 21852 | 31209 | 28842 | 34684 | 43977 | 56102 | 300087 |
| | GAS | 4262 | 6118 | 7439 | 8002 | 8049 | 8550 | 11669 | 15579 | 14751 | 20391 | 27081 | 36390 | 168281 |
| | WATER | 26081 | 27985 | 35372 | 38639 | 59128 | 64911 | 64075 | 87084 | 76963 | 73606 | 90406 | 114522 | 758772 |

10/30/96

NEW WELLS - 1995
NEW MEXICO

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|---------|--------------|-------------|------|-----------|------------------------|-------------------------|
| CMU 131 | 02/08/96 | 03/08/95 | 5550 | 4211-4793 | 26/11/317 | GRYBG & SAN AND |
| CMU 141 | 02/22/95 | 03/20/95 | 5550 | 4213-5251 | 53/22/366 | GRYBG & SAN AND |
| CMU 154 | 03/19/95 | 04/15/95 | 5550 | 4224-4792 | 139/56/170 | GRYBG & SAN AND JACKSO |
| CMU 142 | 03/05/95 | 04/01/95 | 5550 | 4220-4759 | 129/52/172 | GRYBG, JACKSON |
| CMU 194 | 03/29/95 | 04/26/95 | 5550 | 4122-4713 | 80/32/585 | GRYBG, SAN AND VAC, JAC |
| CMU 195 | 04/09/95 | 05/17/95 | 5550 | 4124-5445 | 76/31/146 | GRYBG & SAN AND |
| CMU 164 | 04/20/95 | 05/18/95 | 5550 | 4184-4792 | 114/46/492 | GRYBG & SAN AND |
| CMU 162 | 04/30/95 | 06/02/95 | 5550 | 4076-4664 | 56/22/271 | GRYBG & SAN AND |
| CMU 196 | 05/09/95 | 06/14/95 | 5550 | 4196-4719 | 65/26/259 | GRYBG & SAN AND |
| CMU 163 | 05/22/95 | 06/20/95 | 5550 | 4137-4753 | 52/21/439 | GRYBG & SAN AND |
| CMU 143 | 10/01/95 | 10/16/95 | 4950 | 4238-4499 | 202/100/281 | GRYBG & SAN AND |
| CMU 151 | 10/11/95 | 10/18/95 | 4950 | 4198-4755 | 82/36/98 | GRYBG & SAN AND |
| CMU 175 | 10/21/95 | 11/16/95 | 4800 | 4088-4571 | 20/8/563 | GRYBG & SAN AND |
| MGBU 86 | 10/30/95 | 11/07/95 | 5120 | 3885-4329 | 14/6/30 | GRYBG & SAN AND |
| MGBU 92 | 11/09/95 | 12/11/95 | 4355 | 4058-4356 | 36/12/321 | GRYBG & SAN AND |
| CMU 128 | 11/19/95 | 12/13/95 | 4925 | 4178-4534 | 128/52/210 | GRYBG & SAN AND |
| CMU 160 | 11/27/95 | 12/22/95 | 4850 | 4067-4633 | 66/27/529 | GRYBG & SAN AND |
| CMU 132 | 12/05/95 | 12/26/95 | 4950 | 4247-4758 | 32/13/355 | GRYBG & SAN AND |
| CMU 140 | 12/14/95 | 01/05/96 | 4950 | 4182-4768 | 113/46/310 | GRYBG & SAN AND |
| CMU 139 | 12/21/95 | 01/14/96 | 4950 | 4180-4781 | 16/6/93 | GRYBG & SAN AND |
| CMU 129 | 12/26/95 | 01/18/96 | 4950 | 4178-4729 | 96/31/64 | GRYBG & SAN AND |

1995 INJECTION WELLS

| WELL | DATE INJ
BEGAN | |
|-------------|---------------------------|-----------------------------------|
| CMU 10 | 01/95 | Deepen |
| CMU 3 | 01/95 | Convert |
| CMU 31 | 01/95 | Convert |
| CMU 56 | 01/95 | Convert |
| CMU 4 | 01/95 | Convert |
| CMU 19 | 02/95 | Deepen |
| CMU 52 | 02/95 | Convert |
| CMU 5 | 03/95 | Convert |
| CMU 22 | 04/95 | Convert |
| CMU 12 | 04/95 | Deepen; return to inj |
| CMU 11 | 04/95 | Deepen; w.o. drlg of pattn wells |
| CMU 71 | 04/95 | Deepen; w.o. drlg of pattn wells |
| CMU 69 | 04/95 | Deepen; w.o. drlg of pattn wells |
| CMU 26 | 05/95 | Repair; return to inj |
| CMU 82 | 05/95 | Deepen; w.o. drlg of pattn wells |
| CMU 11 | 10/95 | Began injecting |
| CMU 29 | 10/95 | Convert; deepen |
| CMU 6 | 11/95 | Convert |
| CMU 18 | 11/95 | Convert |
| MGBU 20 | 12/95 | Convert P&A well; w.o. drlg pattn |
| CMU 1 | 12/95 | Convert |
| CMU 2 | 12/95 | Convert |
| CMU 7 | 12/95 | Convert; w.o. meter |

MALJAMAR AREA PRODUCTION (C-115) **1995**

| LEASE | | 01/95 | 02/95 | 03/95 | 04/95 | 05/95 | 06/95 | 07/95 | 08/95 | 09/95 | 10/95 | 11/95 | 12/95 | TOTAL |
|-------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| MALJAMAR GRAYBURG UNIT | | | | | | | | | | | | | | |
| | OIL | 4718 | 4145 | 4471 | 4467 | 4427 | 4210 | 4140 | 3958 | 3954 | 4041 | 3786 | 4402 | 50699 |
| | GAS | 458 | 366 | 699 | 582 | 743 | 690 | 764 | 582 | 791 | 670 | 443 | 321 | 7129 |
| | WATER | 15383 | 14057 | 19430 | 14894 | 15010 | 15097 | 12265 | 10608 | 9003 | 12293 | 10558 | 10716 | 159314 |
| LEA LL STATE | | | | | | | | | | | | | | |
| | OIL | 310 | 266 | 271 | 282 | 267 | 314 | 321 | 367 | 327 | 311 | 343 | 338 | 3717 |
| | GAS | 434 | 434 | 370 | 702 | 726 | 1037 | 1390 | 995 | 1280 | 1195 | 1020 | 1021 | 10604 |
| | WATER | 308 | 291 | 307 | 285 | 300 | 288 | 305 | 300 | 298 | 301 | 275 | 275 | 3533 |
| CAPROCK MALJAMAR UNIT | | | | | | | | | | | | | | |
| | OIL | 18638 | 16656 | 19136 | 21644 | 27053 | 26367 | 24472 | 22365 | 20238 | 24174 | 24518 | 26458 | 271719 |
| | GAS | 11337 | 7084 | 13097 | 13227 | 18679 | 16683 | 16702 | 16676 | 14609 | 16449 | 15374 | 10217 | 170134 |
| | WATER | 133633 | 114460 | 143837 | 142495 | 167502 | 202985 | 202787 | 208537 | 201699 | 193284 | 205390 | 207113 | 2123722 |
| SKELLY UNIT | | | | | | | | | | | | | | |
| | OIL | | | | | | | | | 7369 | 8828 | 8135 | 8794 | 33126 |
| | GAS | | | | | | | | | 2942 | 3578 | 3527 | 3365 | 13412 |
| | WATER | | | | | | | | | 19421 | 24258 | 17430 | 17412 | 78521 |

THE WISER OIL COMPANY CAPROCK MALJAMAR UNIT

PLAN OF DEVELOPMENT 1995-1997

Nineteen new 20-acre infill producers were drilled and completed during 1995. Twenty-two existing producing or TA'd wellbores were converted to injection. Injection and production facilities were expanded as required.

Twenty-one new 20-acre infill producers were drilled and completed during 1996 and two new injection wells were drilled as replacements for existing wells not suitable for injection. Ten existing producing or TA'd wellbores were converted to injection and six P&A'd wells were re-entered and converted to injection. Injection and production facilities were expanded as required.

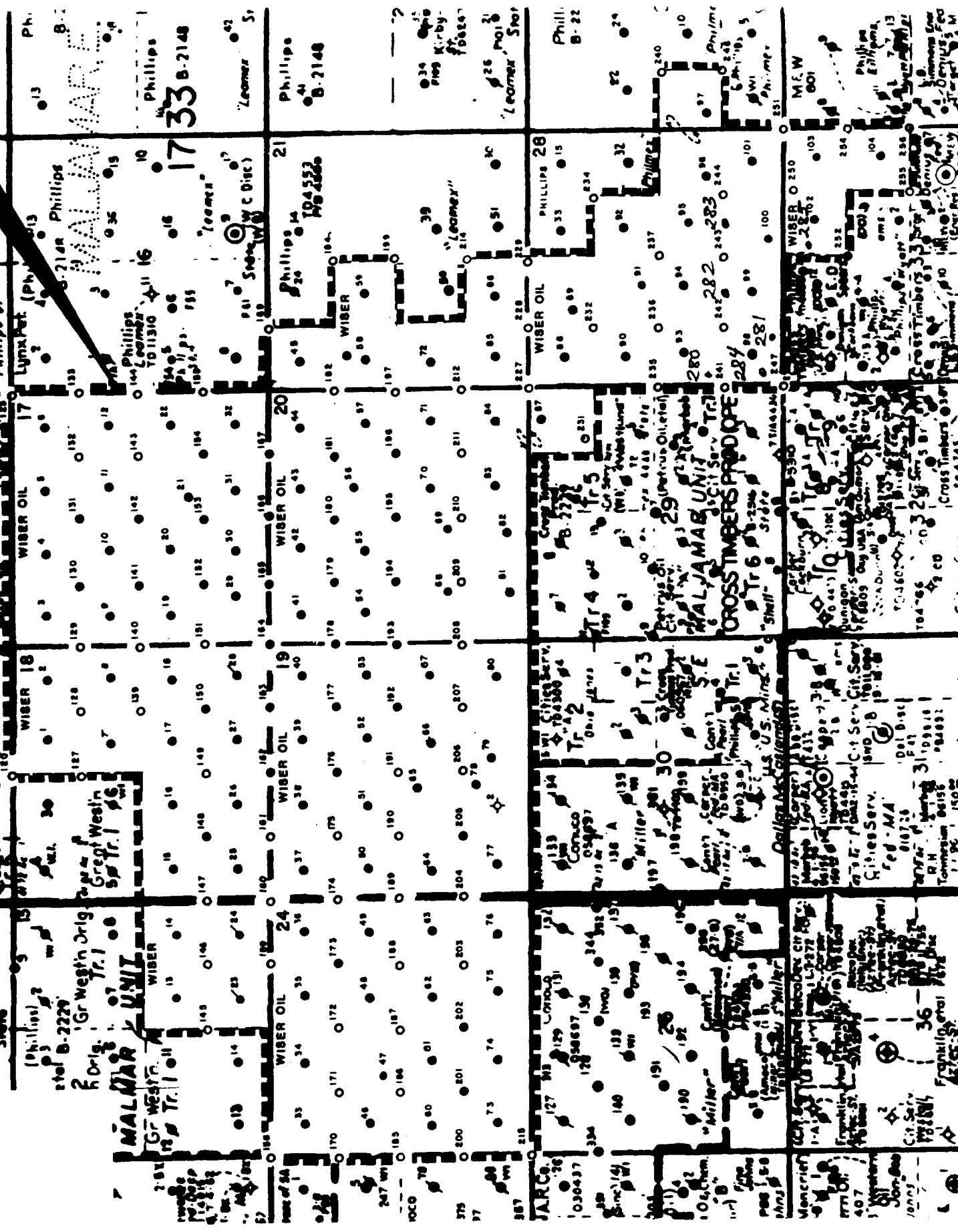
Three new 10-acre infill producers were drilled and completed during the first 10 months of 1997 and five new injection wells were drilled as replacements for existing wells not suitable for injection. One new producing well was drilled as a replacement for an existing 40-acre well not suitable for re-entry. Seven existing producing or TA'd wellbores were converted to injection and four wells were P&A'd. Injection and production facilities were expanded as required.

Two 10-acre infill producers and two 20-acre infill producers are planned for the remainder of 1997. One 10-acre infill producer is planned for 1998. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

CAPROCK-MALJAMAR UNIT

PENROC (OPER.)

2 8-2229



**NEW WELLS - 1997
NEW MEXICO**

COMPLETED**DRILLING**

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION | LEASE | SPUD DT |
|-------------|--------------|-------------|------|------------|------------------------|-----------------|------------|---------------------|
| SKELLY 233 | 10/16/96 | 01/03/97 | 3900 | 3036-3224' | 10370/8 | GRAYBURG | LEA D 11 | 08/08/97 completing |
| SKELLY 263 | 10/16/96 | 01/07/97 | 3900 | 3484-3670' | 33/53/0 | GRYBG & SAN AND | SKELLY 302 | 09/04/97 |
| SKELLY 274 | 11/10/96 | 01/10/97 | 3950 | 3541-3717' | 91/40/58 | GRYBG & SAN AND | CMU 282 | 09/12/97 completing |
| SKELLY 194 | 11/15/96 | 01/15/97 | 4100 | 3393-3978' | 18/1/60 | GRYBG & SAN AND | LEA D 22 | 09/26/97 |
| SKELLY 203 | 11/30/96 | 01/20/97 | 4100 | 3345-3899' | 59/86/44 | GRYBG & SAN AND | LEA D 20 | 10/05/97 completing |
| SKELLY 265 | 11/04/96 | 01/21/97 | 3950 | 3540-3869' | 3/6/40 | GRYBG & SAN AND | LEA D 23 | 10/13/97 |
| SKELLY 216 | 12/06/96 | 01/22/97 | 4100 | 3451-3882' | 45/75/9 | GRYBG & SAN AND | MGBU 128 | 10/20/97 completing |
| SKELLY 254 | 09/27/96 | 01/23/97 | 4050 | 3313-3905' | 9/18/44 | GRYBG & SAN AND | SKELLY 401 | 10/29/97 completing |
| SKELLY 180 | 12/06/96 | 01/28/97 | 3950 | 3308-3501' | 57/26 | GRAYBURG | LEA D 21 | 11/02/97 |
| SKELLY 255 | 12/01/96 | 01/28/97 | 4100 | 3420-3927' | 90/97/126 | GRYBG & SAN AND | SKELLY 400 | 11/10/97 |
| SKELLY 267 | 11/05/96 | 01/31/97 | 3950 | 3520-3826' | 93/61/44 | GRYBG & SAN AND | SKELLY 402 | 11/20/97 drilling |
| CMU 281 | 12/22/96 | 01/31/97 | 4775 | 4273-4521 | 78/70/194 | GRYBG & SAN AND | | |
| SKELLY 230 | 11/20/96 | 02/14/97 | 4100 | 3412-3641 | 18/51/65 | GRYBG & SAN AND | | |
| SKELLY 189 | 11/24/96 | 02/10/97 | 3925 | 3286-3762 | 27/51/153 | GRYBG & SAN AND | | |
| SKELLY 243 | 11/25/96 | 02/18/97 | 4050 | 3385-3871 | 5/34/44 | GRYBG & SAN AND | | |
| SKELLY 242 | 12/11/96 | 02/11/97 | 4025 | 3369-3580 | 5/52/36 | GRYBG & SAN AND | | |
| SKELLY 229 | 12/12/96 | 02/04/97 | 4025 | 3383-3597 | 81/95/267 | GRYBG & SAN AND | | |
| SKELLY 217 | 12/17/96 | 02/11/97 | 4120 | 3456-3659 | 34/1/11 | GRYBG & SAN AND | | |
| SKELLY 182 | 12/18/96 | 02/18/97 | 3950 | 3336-3584 | 16/17/76 | GRYBG & SAN AND | | |
| SKELLY 191 | 01/02/97 | 03/22/97 | 3900 | 3306-3801 | 17/30/32 | GRYBG & SAN AND | | |
| SKELLY 192 | 01/08/97 | 03/27/97 | 3950 | 3518-3825 | 48/33/106 | GRYBG & SAN AND | | |
| SKELLY 193 | 01/14/97 | 03/06/97 | 4100 | 3336-3584 | 16/17/76 | GRYBG & SAN AND | | |
| SKELLY 220 | 10/03/96 | 03/27/97 | 3800 | 3222-3587 | 18/37/1 | GRYBG & SAN AND | | |
| SKELLY 278 | 12/26/96 | 03/04/97 | 4100 | 3696-3825 | 4/24/22 | GRYBG & SAN AND | | |
| CMU 263 | 10/29/96 | 04/25/97 | 4650 | 4122-4584 | INJECTION | GRYBG & SAN AND | | |
| MGBU 153 | 01/07/97 | 04/04/97 | 4200 | 3837-3995 | INJECTION | GRAYBURG | | |
| MGBU 154 | 12/30/96 | 04/19/97 | 4200 | 3828-3990 | INJECTION | GRAYBURG | | |
| CMU 280 | 02/16/97 | 04/05/97 | 4827 | 4200-4649 | 23/10/121 | GRYBG & SAN AND | | |
| SKELLY 283 | 01/27/97 | 04/04/97 | 4000 | 3431-3843 | 7/3/296 | GRYBG & SAN AND | | |
| SKELLY 284Y | 01/21/97 | 04/10/97 | 4025 | 3472-3744 | 16/13/93 | GRYBG & SAN AND | | |
| MGBU 152 | 03/12/97 | 04/29/97 | 4250 | 3889-4051 | INJECTION | GRAYBURG | | |
| CMU 262 | 10/23/96 | 05/09/97 | 4600 | 4134-4311 | INJECTION | GRYBG & SAN AND | | |
| CMU 266 | 02/08/97 | 05/22/97 | 4425 | 3880-4190 | INJECTION | GRYBG & SAN AND | | |
| CMU 265 | 01/13/97 | 06/01/97 | 4450 | 3915-4232 | INJECTION | GRAYBURG | | |
| SKELLY 300 | 04/25/97 | 06/11/97 | 4050 | 3365-3597 | INJECTION | GRYBG & SAN AND | | |
| CMU 267 | 02/02/97 | 06/13/97 | 4450 | 3953-4234 | INJECTION | GRYBG & SAN AND | | |
| MGBU 155 | 04/20/97 | 06/20/97 | | | INJECTION | | | |
| SKELLY 276 | 05/11/97 | 06/14/97 | 4150 | 3658-3822 | 12/10/155 | GRYBG & SAN AND | | |
| SKELLY 214 | 05/19/97 | 06/13/97 | 3950 | 3532-3822 | 25/40/84 | GRYBG & SAN AND | | |
| SKELLY 264 | 10/09/96 | 06/20/97 | 3900 | 3282-3451 | 14/10/488 | GRAYBURG | | |
| CMU 268 | 02/26/97 | 07/02/97 | | | | | | |
| SKELLY 215 | 05/25/97 | 07/05/97 | 4000 | 3335-3565 | 87/128/99 | GRYBG & SAN AND | | |
| SKELLY 301 | 05/02/97 | 07/16/97 | 3950 | 3353-3625 | INJECTION | GRYBG & SAN AND | | |
| LEA D 10 | 08/01/97 | 08/22/97 | | | | | | |
| MGBU 127 | 08/22/97 | | | | | | | |
| SKELLY 213 | 08/29/97 | | | | | | | |
| MGBU 103 | 09/18/97 | | | | | | | |

**MALJAMAR AREA
1997 INJECTION WELLS**

| WELL | DATE INJ
BEGAN | |
|-----------|-------------------|-------------------------------|
| MGBU 4 | 01/97 | Conv prod well to inj |
| MGBU 5 | 01/97 | Conv prod well to inj |
| MGBU 15 | 01/97 | Conv prod well to inj |
| CMU 58 | 01/97 | Conv prod well to inj |
|
 | | |
| MGBU 25 | 02/97 | Re-enter TA'd producer |
| MGBU 28 | 02/97 | Re-enter PA'd injector |
| CMU 16 | 02/97 | Conv prod well to inj |
| CMU 69 | 02/97 | Conv prod well to inj |
| CMU 71 | 02/97 | Conv prod well to inj |
| CMU 82 | 02/97 | Conv prod well to inj |
| CMU 83 | 02/97 | Conv prod well to inj |
| CMU 84 | 02/97 | Re-activate TA'd to inj |
| CMU 96 | 02/97 | Conv prod well to inj |
| SKELLY 45 | 02/97 | Conv prod well to inj |
| SKELLY 55 | 02/97 | Conv prod well to inj |
|
 | | |
| MGBU 18 | 03/97 | Re-enter PA'd injector |
| SK 29 | 03/97 | Conv prod well to inj |
| SK 39 | 03/97 | Conv prod well to inj |
| SK 47 | 03/97 | Conv prod well to inj |
| SK 72 | 03/97 | Conv prod well to inj |
| SK 80 | 03/97 | Conv prod well to inj |
| SK 84 | 03/97 | Conv prod well to inj |
| SK 86 | 03/97 | Conv prod well to inj |
| SK 101 | 03/97 | Conv prod well to inj |
| SK 107 | 03/97 | Conv prod well to inj |
| CMU 261 | 03/97 | Re-drill water inj well |
|
 | | |
| MGBU 152 | 04/97 | Re-drill water inj well |
| MGBU 153 | 04/97 | Re-drill water inj well |
| MGBU 154 | 04/97 | Re-drill water inj well |
| SK 23 | 04/97 | Conv prod well to inj |
| SK 25 | 04/97 | Conv prod well to inj |
| SK 28 | 04/97 | Conv prod well to inj |
| SK 35 | 04/97 | Conv prod well to inj |
| SK 41 | 04/97 | Conv prod well to inj |
| SK 43 | 04/97 | Conv prod well to inj |
| SK 51 | 04/97 | Conv prod well to inj |
| SK 57 | 04/97 | Conv prod well to inj |
| SK 59 | 04/97 | Conv prod well to inj |
| SK 66 | 04/97 | Return SI inj to inj |
| SK 83 | 04/97 | Return SI inj to inj |
| SK 88 | 04/97 | Conv prod well to inj |
| SK 95 | 04/97 | Return TA'd inj to inj |
| CMU 260 | 04/97 | Re-drill water inj well |
| CMU 263 | 04/97 | Re-drill water inj well |
|
 | | |
| MGBU 78 | 05/97 | Conv inj well to prod |
| SK 20 | 05/97 | Conv prod well to inj |
| SK 27 | 05/97 | Conv prod well to inj |
| SK 49 | 05/97 | Conv p. od well to inj |
| SK 87 | 05/97 | Conv prod well to inj |
| SK 109 | 05/97 | Conv prod well to inj |
|
 | | |
| MGBU 59 | 06/97 | Conv TA'd prod well to inj |
| MGBU 155 | 06/97 | Re-drill water inj well |
| CMU 265 | 06/97 | Re-drill water inj well |
| CMU 267 | 06/97 | Re-drill water inj well |
| SK 17 | 06/97 | Conv prod well to inj |
| SK 18 | 06/97 | Conv prod well to inj |
| SK 33 | 06/97 | Conv prod well to inj |
| SK 58 | 06/97 | Conv dual inj to single G inj |
| SK 61 | 06/97 | Conv prod well to inj |
| SK 104 | 06/97 | Conv prod well to inj |
| SK 106 | 06/97 | Conv prod well to inj |
| SK 300 | 06/97 | Re-drill water inj well |
|
 | | |
| Sk 60 | 07/97 | Conv prod well to inj |
| Sk 62 | 07/97 | Conv prod well to inj |
| Sk 63 | 07/97 | Conv prod well to inj |
| Sk 65 | 07/97 | Conv prod well to inj |
| Sk 68 | 07/97 | Conv prod well to inj |
| Sk 74 | 07/97 | Conv prod well to inj |
| Sk 82 | 07/97 | Conv prod well to inj |
| Sk 90 | 07/97 | Conv prod well to inj |
| Sk 93 | 07/97 | Return TA'd inj to inj |
| Sk 103 | 07/97 | Conv prod well to inj |
| Sk 108 | 07/97 | Conv prod well to inj |
| Sk 110 | 07/97 | Conv prod well to inj |
| Sk 301 | 07/97 | Re-drill water inj well |
|
 | | |
| SK 100 | 08/97 | Re-enter PA'd injector |
| SK 121 | 08/97 | Conv prod well to inj |

11/26/97

**MALJAMAR AREA PRODUCTION (C-115)
1997**

| LEASE | | 01/97 | 02/97 | 03/97 | 04/97 | 05/97 | 06/97 | 07/97 | 08/97 | 09/97 | 10/97 | 11/97 | 12/97 | TOTAL |
|------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
| MALJAMAR GRAYBURG UNIT | OIL | 6560 | 6480 | 7573 | 6902 | 7121 | 7182 | 6947 | 6828 | 9297 | 0 | 0 | 0 | 64890 |
| | GAS | 3887 | 3144 | 3001 | 3139 | 2829 | 2544 | 2122 | 2243 | 2952 | 0 | 0 | 0 | 25861 |
| | WATER | 48943 | 48664 | 57852 | 52726 | 64995 | 66125 | 68598 | 63397 | 62231 | 0 | 0 | 0 | 533531 |
| LEA LL STATE | OIL | 373 | 323 | 310 | 331 | 323 | 298 | 252 | 282 | 242 | 0 | 0 | 0 | 2734 |
| | GAS | 955 | 1327 | 1777 | 1621 | 2120 | 1943 | 2035 | 1144 | 1878 | 0 | 0 | 0 | 14800 |
| | WATER | 481 | 151 | 419 | 300 | 400 | 261 | 376 | 129 | 287 | 0 | 0 | 0 | 2804 |
| CAPROCK MALJAMAR UNIT | OIL | 33176 | 30849 | 33484 | 31074 | 31467 | 28892 | 30221 | 29085 | 30627 | 0 | 0 | 0 | 278875 |
| | GAS | 18609 | 18986 | 21085 | 20261 | 19518 | 17616 | 19073 | 18178 | 19569 | 0 | 0 | 0 | 172895 |
| | WATER | 202645 | 201798 | 228498 | 237243 | 233809 | 227472 | 237394 | 249915 | 245963 | 0 | 0 | 0 | 2064737 |
| SKELLY UNIT | OIL | 72333 | 60781 | 61530 | 51861 | 46254 | 41216 | 43877 | 42821 | 39147 | 0 | 0 | 0 | 459820 |
| | GAS | 44260 | 46599 | 46213 | 39507 | 35974 | 32237 | 35987 | 33271 | 29450 | 0 | 0 | 0 | 343498 |
| | WATER | 125787 | 125418 | 176650 | 167295 | 212056 | 258979 | 209048 | 177803 | 146841 | 0 | 0 | 0 | 1599877 |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| CMU 159 | 01/02/96 | 01/27/96 | 4850 | 3960-4561 | 78/26/405 | GRYBG & SAN AND |
| MGBU 106 | 01/10/96 | 02/07/96 | 4425 | 3881-4336 | 47/15/242 | GRYBG & SAN AND |
| CMU 209 | 01/03/96 | 01/26/96 | 4900 | 4454-4651' | 50/28/259 | SAN ANDRES |
| CMU 149 | 01/17/96 | 02/29/96 | 4950 | 4203-4738' | 48/17/142 | GRAYBURG |
| CMU 243 | 01/18/96 | 02/29/96 | 4950 | 4615-4695' | 151/70/80 | SAN ANDRES |
| SKELLY 235 | 02/03/96 | 03/20/96 | 3950 | 3151-3349' | 78/65/19 | GRAYBURG |
| CMU 211 | 02/11/96 | 03/22/96 | 4850 | 4527-4535' | 95/30/10 | SAN ANDRES |
| CMU 250 | 02/13/96 | 04/13/96 | 4950 | 4676-4752' | 45/26/105 | SAN ANDRES |
| CMU 242 | 03/03/96 | 04/04/96 | 4803 | 4523-4576' | 77/59/23 | SAN ANDRES |
| CMU 146 | 01/27/96 | 07/05/96 | 4850 | 4031-4316' | 23/9/367 | GRYBG & SAN AND |
| MGBU 107 | 02/02/96 | 06/02/96 | 4450 | 3910-4070' | 43/18/191 | GRAYBURG |
| CMU 208 | 02/05/96 | 05/04/96 | 4850 | 4107-4465' | 36/10/26 | GRYBG & SAN AND |
| CMU 182 | 02/18/96 | 06/01/96 | 4850 | 4243-4442' | 15/1/110 | GRAYBURG |
| SKELLY 248 | 03/11/96 | 05/23/96 | 3950 | 3301-3705' | 100/61/115 | GRYBG & SAN AND |
| CMU 207 | 03/16/96 | 05/14/96 | 4750 | 4059-4353' | 15/3/101 | GRYBG & SAN AND |
| CMU 210 | 03/28/96 | 06/01/96 | 4800 | 4179-4369' | 10/4/134 | GRAYBURG |
| MGBU 79 | 02/21/96 | 06/11/96 | 4400 | 3871-4030' | 55/1/19 | GRAYBURG |
| SKELLY 234 | 02/22/96 | 06/14/96 | 3950 | 3106-3311' | 76/45/8 | GRAYBURG |
| MGBU 112 | 02/29/96 | 06/04/96 | 4450 | 3861-4034' | 25/11/79 | GRAYBURG |
| SKELLY 247 | 03/02/96 | 06/01/96 | 3950 | 3285-3439' | 109/57/383 | GRAYBURG |
| SKELLY 260 | 03/15/96 | 06/03/96 | 3950 | 3338-3508' | 57/30/115 | GRAYBURG |
| SKELLY 261 | 03/17/96 | 06/03/96 | 3950 | 3384-3525' | 45/37/8 | GRAYBURG |
| MGBU 89 | 04/11/96 | 06/28/96 | 4550 | 3858-4318' | 11/9/37 | GRYBG & SAN AND |
| MGBU 91 | 04/21/96 | 06/18/96 | 4400 | 3970-4131' | 18/8/22 | GRAYBURG |
| MGBU 99 | 05/04/96 | 06/18/96 | 4350 | 3844-4299' | 57/3/0 | GRYBG & SAN AND |
| SKELLY 262 | 02/13/96 | 07/02/96 | 3950 | 3401-3613' | 165/81/0 | GRYBG & SAN AND |
| CMU 191 | 03/08/96 | 07/21/96 | 4775 | 4046-4493' | 42/15/35 | GRYBG & SAN AND |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| MGBU 80 | 04/18/96 | 07/02/96 | 4450 | 4049-4280' | 16/9/41 | GRYBG & SAN AND |
| MGBU 88 | 04/27/96 | 07/02/96 | 4400 | 3829-4281' | 15/10/112 | GRYBG & SAN AND |
| SKELLY 227 | 05/22/96 | 07/02/96 | 3950 | 3337-3514' | 50/9/14 | GRAYBURG |
| SKELLY 284 | 06/29/96 | 07/15/96 | | | | P&A'D |
| MGBU 109 | 07/07/96 | 09/07/96 | 4400 | 3907-4077' | 47/16/100 | GRAYBURG |
| CMU 161 | 01/25/96 | 08/16/96 | 4850 | 4086-4328' | 120/16/140 | GRYBG & SAN AND |
| CMU 147 | 02/25/96 | 08/22/96 | 4850 | 4062-4304' | 63/24/90 | GRYBG & SAN AND |
| MGBU 85 | 04/04/96 | 07/12/96 | 4550 | 3925-4083' | 41/3/202 | GRAYBURG |
| MGBU 87 | 05/11/96 | 07/10/96 | 4200 | 3847-4010' | 30/6/50 | GRAYBURG |
| SKELLY 266 | 05/29/96 | 08/20/96 | 4100 | 3521-3915' | 113/42/33 | GRYBG & SAN AND |
| CMU 172 | 06/06/96 | 08/14/96 | 4700 | 3949-4463' | 75/19/218 | GRYBG & SAN AND |
| SKELLY 223 | 06/06/96 | 08/07/96 | 3982 | 3199-3356' | 50/9/10 | GRAYBURG |
| SKELLY 225 | 06/13/96 | 08/08/96 | 4000 | 3290-3410' | 154/11/111 | GRAYBURG |
| MGBU 90 | 06/23/96 | 07/29/96 | 4550 | 3898-4054' | 10/4/112 | GRAYBURG |
| MGBU 81 | 06/28/96 | 08/02/96 | 4500 | 4054-4202' | 17/2/99 | GRAYBURG |
| CMU 236 | 08/01/96 | 09/17/96 | 4900 | 4224-4598' | 43/2/144 | GRYBG & SAN AND |
| CMU 244 | 03/09/96 | 08/30/96 | 4900 | 4372-4461' | 41/20/335 | GRAYBURG |
| CMU 186 | 06/11/96 | 09/16/96 | 4800 | 3880-4450' | 60/23/85 | GRYBG & SAN AND |
| SKELLY 277 | 07/31/96 | 10/01/96 | 4100 | 3542-3735' | 107/70/139 | GRAYBURG |
| CMU 171 | 08/07/96 | 10/09/96 | 4650 | 3958-4462' | 24/30/178 | GRYBG & SAN AND |
| SKELLY 201 | 07/16/96 | 10/16/96 | 4050 | 3570-3815' | 136/69/21 | GRYBG & SAN AND |
| MGBU 101 | 07/26/96 | 09/12/96 | 4450 | 3799-4275' | 15/13/18 | GRYBG & SAN AND |
| SKELLY 181 | 08/10/96 | 09/26/96 | 3950 | 3325-3761' | 22/4/1 | GRYBG & SAN AND |
| SKELLY 185 | 08/16/96 | 09/26/96 | 4150 | 3414-3974' | 15/5/49 | GRYBG & SAN AND |
| MGBU 98 | 07/13/96 | 10/24/96 | 4500 | 3867-4310' | 8/4/82 | GRYBG & SAN AND |
| MGBU 100 | 07/20/96 | 11/01/96 | 4450 | 3825-4266' | 10/7/25 | GRYBG & SAN AND |
| SKELLY 272 | 09/14/96 | 11/05/96 | 3987 | 3398-3512' | 31/12/29 | GRAYBURG |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| SKELLY 259 | 09/20/96 | 11/06/96 | 4000 | 3336-3535' | 45/7/8 | GRYBG & SAN AND |
| SKELLY 204 | 08/29/96 | 10/10/96 | 4150 | 3433-4011' | 11/26/116 | GRYBG & SAN AND |
| SKELLY 212 | 08/14/96 | 11/09/96 | 4060 | 3239-3815' | 94/96/94 | GRYBG & SAN AND |
| CMU 260 | 05/25/96 | 09/19/96 | 4675 | 4150-4512' | INJECTION | GRYBG & SAN AND |
| CMU 261 | 06/01/96 | 09/19/96 | 4100 | 4202-4515' | INJECTION | GRYBG & SAN AND |
| CMU 187 | 06/17/96 | 10/08/96 | 4700 | 3941-4496' | 17/15/378 | GRYBG & SAN AND |
| SKELLY 228 | 06/22/96 | 11/13/96 | 4005 | 3416-3553' | 22/3/343 | GRYBG & SAN AND |
| SKELLY 199 | 07/24/96 | 11/12/96 | 4000 | 3268-3763' | 47/66/119 | GRYBG & SAN AND |
| SKELLY 240 | 10/05/96 | 11/21/96 | 4050 | 3346-3557' | 11/6/27 | GRAYBURG |
| SKELLY 246 | 08/24/96 | 11/18/96 | 3950 | 3590-3761' | 99/129/68 | GRYBG & SAN AND |
| SKELLY 275 | 10/11/96 | 11/15/96 | 4000 | 3547-3881' | 118/83/276 | GRYBG & SAN AND |
| SKELLY 253 | 09/20/96 | 11/21/96 | 4000 | 3398-3565' | 33/13/7 | GRAYBURG |
| SKELLY 256 | 09/06/96 | 11/27/96 | 4050 | 3378-3918' | 83/35/61 | GRYBG & SAN AND |
| SKELLY 200 | 08/20/96 | 12/20/96 | 4000 | 3299-3794' | 6/1/113 | GRYBG & SAN AND |
| SKELLY 198 | 08/25/96 | 12/03/96 | 4000 | 3252-3748' | 53/46/50 | GRYBG & SAN AND |
| SKELLY 211 | 08/31/96 | 12/07/96 | 4000 | 3385-3777' | 54/59/56 | GRYBG & SAN AND |
| SKELLY 202 | 09/05/96 | 12/24/96 | 4050 | 3365-3866' | 117/86/23 | GRYBG & SAN AND |
| SKELLY 241 | 09/14/96 | 12/09/96 | 4000 | 3364-3520' | 28/8/8 | GRAYBURG |
| SKELLY 221 | 09/25/96 | 12/20/96 | 3850 | 2933-3290' | 15/0/7 | GRYBG & SAN AND |
| SKELLY 222 | 09/30/96 | 12/03/96 | 3900 | 3169-3775' | 67/146/166 | GRYBG & SAN AND |
| SKELLY 226 | 10/23/96 | 12/16/96 | 4000 | 3322-3783' | 75/98/49 | GRYBG & SAN AND |
| SKELLY 224 | 10/29/96 | 12/12/96 | 4000 | 3211-3443' | 15/3/54 | GRYBG & SAN AND |
| SKELLY 190 | 11/10/96 | 12/31/96 | 4050 | 3309-3546' | 19/22/82 | GRYBG & SAN AND |
| SKELLY 273 | 11/16/96 | 12/30/96 | 3950 | 3501-3832' | 138/23/22 | GRYBG & SAN AND |

**MALJAMAR AREA
1996 INJECTION WELLS**

| WELL | DATE INJ
BEGAN | |
|-------------|-------------------|-----------------------------|
| MGBU 20 | 01/96 | Convert P&A well to inj |
| CMU 7 | 01/96 | Conv prod well to inj |
|
CMU 28 |
06/96 |
Convert P&A well to inj |
| CMU 67 | 07/96 | Conv prod well to inj |
| SKELLY 52 | 07/96 | Workover; return to inj |
| SKELLY 54 | 07/96 | Workover; return to inj |
| SKELLY 77 | 07/96 | Workover; return to inj |
|
MGBU 17 |
08/96 |
Conv prod well to inj |
| CMU 23 | 08/96 | Conv P&A well to inj |
| CMU 24 | 08/96 | Conv P&A well to inj |
| CMU 25 | 08/96 | Conv P&A well to inj |
|
MGBU 21 |
09/96 |
Conv prod well to inj |
| CMU 68 | 09/96 | Conv prod well to inj |
|
CMU 13 |
10/96 |
Conv P&A well to inj |
| CMU 14 | 10/96 | Conv P&A well to inj |
| CMU 73 | 10/96 | Conv prod well to inj |
| CMU 94 | 10/96 | Conv prod well to inj |
| CMU 100 | 10/96 | Conv prod well to inj |
|
CMU 79 |
11/96 |
Conv prod well to inj |
| CMU 90 | 11/96 | Conv prod well to inj |
|
MGBU 8 |
12/96 |
Conv prod well to inj |
| MGBU 10 | 12/96 | Conv prod well to inj |
| MGBU 19 | 12/96 | Conv prod well to inj |
| MGBU 27 | 12/96 | Conv prod well to inj |
| MGBU 53 | 12/96 | Conv TA'd well to inj |
| CMU 20 | 12/96 | Conv prod well to inj |
| CMU 45 | 12/96 | WO TA'd inj well |

MALJAMAR AREA PRODUCTION (C-115)
1996

| LEASE | | 01/96 | 02/96 | 03/96 | 04/96 | 05/96 | 06/96 | 07/96 | 08/96 | 09/96 | 10/96 | 11/96 | 12/96 | TOTAL |
|------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| MALJAMAR GRAYBURG UNIT | OIL | 4536 | 5109 | 5431 | 5287 | 5493 | 7778 | 9121 | 10129 | 9512 | 9149 | 8291 | 7338 | 87174 |
| | GAS | 540 | 401 | 761 | 604 | 29 | 1259 | 3303 | 4151 | 3973 | 4403 | 5642 | 4802 | 29868 |
| | WATER | 21303 | 29489 | 24726 | 17834 | 23140 | 31288 | 37959 | 39647 | 39150 | 38811 | 38083 | 36182 | 377612 |
| LEA LL STATE | OIL | 341 | 267 | 304 | 271 | 315 | 275 | 290 | 296 | 271 | 293 | 267 | 269 | 3459 |
| | GAS | 914 | 836 | 1490 | 1110 | 1125 | 1129 | 997 | 867 | 1103 | 757 | 937 | 1192 | 12457 |
| | WATER | 279 | 261 | 279 | 270 | 279 | 276 | 242 | 411 | 266 | 266 | 269 | 251 | 3349 |
| CAPROCK MALJAMAR UNIT | OIL | 31793 | 29318 | 34288 | 35319 | 31743 | 31605 | 35244 | 39092 | 39827 | 40376 | 36317 | 34776 | 419698 |
| | GAS | 15483 | 17311 | 16976 | 19445 | 19538 | 19618 | 19881 | 23526 | 22827 | 22710 | 19694 | 19247 | 236056 |
| | WATER | 207148 | 184337 | 159515 | 185159 | 162104 | 209934 | 205073 | 202734 | 197865 | 228273 | 248177 | 231929 | 2422248 |
| SKELLY UNIT | OIL | 11533 | 12662 | 14288 | 12113 | 14439 | 18386 | 21852 | 31209 | 28842 | 34684 | 43977 | 56102 | 300087 |
| | GAS | 4262 | 6118 | 7439 | 8002 | 8049 | 8550 | 11669 | 15579 | 14751 | 20391 | 27081 | 36390 | 168281 |
| | WATER | 26081 | 27985 | 35372 | 38639 | 59128 | 64911 | 64075 | 87084 | 76963 | 73606 | 90406 | 114522 | 758772 |

10/30/96

**NEW WELLS - 1995
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|---------|--------------|-------------|------|-----------|------------------------|--------------------------|
| CMU 131 | 02/08/96 | 03/08/95 | 5550 | 4211-4793 | 26/11/317 | GRYBG & SAN AND |
| CMU 141 | 02/22/95 | 03/20/95 | 5550 | 4213-5251 | 53/22/366 | GRYBG & SAN AND |
| CMU 154 | 03/19/95 | 04/15/95 | 5550 | 4224-4792 | 139/53/170 | GRYBG & SAN AND JACKSO |
| CMU 142 | 03/05/95 | 04/01/95 | 5550 | 4220-4759 | 129/52/172 | GRYBG, JACKSON |
| CMU 194 | 03/29/95 | 04/26/95 | 5550 | 4122-4713 | 80/32/585 | GRYBG, SAN AND VAC , JAC |
| CMU 195 | 04/09/95 | 05/17/95 | 5550 | 4124-5445 | 76/31/146 | GRYBG & SAN AND |
| CMU 164 | 04/20/95 | 05/18/95 | 5550 | 4184-4792 | 114/46/492 | GRYBG & SAN AND |
| CMU 162 | 04/30/95 | 06/02/95 | 5550 | 4076-4664 | 56/22/271 | GRYBG & SAN AND |
| CMU 196 | 05/09/95 | 06/14/95 | 5550 | 4196-4719 | 65/26/259 | GRYBG & SAN AND |
| CMU 163 | 05/22/95 | 06/20/95 | 5550 | 4137-4753 | 52/21/439 | GRYBG & SAN AND |
| CMU 143 | 10/01/95 | 10/16/95 | 4950 | 4238-4499 | 202/100/281 | GRYBG & SAN AND |
| CMU 151 | 10/11/95 | 10/18/95 | 4950 | 4198-4755 | 82/36/98 | GRYBG & SAN AND |
| CMU 175 | 10/21/95 | 11/16/95 | 4800 | 4088-4571 | 20/8/563 | GRYBG & SAN AND |
| MGBU 86 | 10/30/95 | 11/07/95 | 5120 | 3885-4329 | 14/6/30 | GRYEG & SAN AND |
| MGBU 92 | 11/09/95 | 12/11/95 | 4355 | 4058-4356 | 36/12/321 | GRYBG & SAN AND |
| CMU 128 | 11/19/95 | 12/13/95 | 4925 | 4178-4534 | 128/52/210 | GRYBG & SAN AND |
| CMU 160 | 11/27/95 | 12/22/95 | 4850 | 4067-4633 | 66/27/529 | GRYBG & SAN AND |
| CMU 132 | 12/05/95 | 12/26/95 | 4950 | 4247-4758 | 32/13/355 | GRYBG & SAN AND |
| CMU 140 | 12/14/95 | 01/05/96 | 4950 | 4182-4768 | 113/46/310 | GRYBG & SAN AND |
| CMU 139 | 12/21/95 | 01/14/96 | 4950 | 4180-4781 | 16/6/93 | GRYBG & SAN AND |
| CMU 129 | 12/26/95 | 01/18/96 | 4950 | 4178-4729 | 96/31/64 | GRYBG & SAN AND |

1995 INJECTION WELLS

| WELL | DATE INJ
BEGAN | |
|---------|-------------------|-----------------------------------|
| CMU 10 | 01/95 | Deepen |
| CMU 3 | 01/95 | Convert |
| CMU 31 | 01/95 | Convert |
| CMU 56 | 01/95 | Convert |
| CMU 4 | 01/95 | Convert |
| CMU 19 | 02/95 | Deepen |
| CMU 52 | 02/95 | Convert |
| CMU 5 | 03/95 | Convert |
| CMU 22 | 04/95 | Convert |
| CMU 12 | 04/95 | Deepen; return to inj |
| CMU 11 | 04/95 | Deepen; w.o. drlg of pattn wells |
| CMU 71 | 04/95 | Deepen; w.o. drlg of pattn wells |
| CMU 69 | 04/95 | Deepen; w.o. drlg of pattn wells |
| CMU 26 | 05/95 | Repair; return to inj |
| CMU 82 | 05/95 | Deepen; w.o. drlg of pattn wells |
| CMU 11 | 10/95 | Began injecting |
| CMU 29 | 10/95 | Convert; deepen |
| CMU 6 | 11/95 | Convert |
| CMU 18 | 11/95 | Convert |
| MGBU 20 | 12/95 | Convert P&A well; w.o. drlg pattn |
| CMU 1 | 12/95 | Convert |
| CMU 2 | 12/95 | Convert |
| CMU 7 | 12/95 | Convert; w.o. meter |

MALJAMAR AREA PRODUCTION (C-115)
1995

| LEASE | MALJAMAR GRAYBURG UNIT | 1995 | | | | | | | | | | | | TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | 01/95 | 02/95 | 03/95 | 04/95 | 05/95 | 06/95 | 07/95 | 08/95 | 09/95 | 10/95 | 11/95 | 12/95 | |
| | OIL | 4718 | 4145 | 4471 | 4467 | 4427 | 4210 | 4140 | 3958 | 3954 | 4041 | 3766 | 4402 | 50699 |
| | GAS | 458 | 366 | 699 | 582 | 743 | 690 | 784 | 582 | 791 | 670 | 443 | 321 | 7129 |
| | WATER | 15383 | 14057 | 19430 | 14894 | 15010 | 15097 | 12265 | 10608 | 9003 | 12293 | 10558 | 10716 | 159314 |
| LEA LL STATE | OIL | 310 | 266 | 271 | 282 | 267 | 314 | 321 | 367 | 327 | 311 | 343 | 338 | 3717 |
| | GAS | 434 | 434 | 370 | 702 | 726 | 1037 | 1390 | 995 | 1280 | 1195 | 1020 | 1021 | 10604 |
| | WATER | 308 | 291 | 307 | 285 | 300 | 288 | 305 | 300 | 298 | 301 | 275 | 275 | 3533 |
| CAPROCK MALJAMAR UNIT | OIL | 18638 | 16656 | 19136 | 21644 | 27053 | 26367 | 24472 | 22365 | 20238 | 24174 | 24518 | 26458 | 271719 |
| | GAS | 11337 | 7084 | 13097 | 13227 | 18679 | 16683 | 16702 | 16676 | 14609 | 16449 | 15374 | 10217 | 170134 |
| | WATER | 133633 | 114460 | 143837 | 142495 | 167502 | 202985 | 202787 | 208537 | 201699 | 193284 | 205390 | 207113 | 2123722 |
| SKELLY UNIT | OIL | | | | | | | | | 7369 | 8828 | 8135 | 8794 | 33126 |
| | GAS | | | | | | | | | 2942 | 3578 | 3527 | 3365 | 13412 |
| | WATER | | | | | | | | | 19421 | 24258 | 17430 | 17412 | 78521 |

THE WISER OIL COMPANY SKELLY UNIT

PLAN OF DEVELOPMENT 1995-1997

The Wiser Oil Company acquired the Skelly Unit from Texaco effective 9/1/95 and took over operations effective 10/1/95. There were no new wells drilled or existing wells converted to injection during the remainder of 1995.

Thirty-eight new 20-acre infill producers were drilled and completed during 1996. Injection and production facilities were expanded as required.

Thirty new 20-acre infill producers were drilled and completed during the first 10 months of 1997 and three new injection wells were drilled as replacements for existing wells not suitable for injection. Fifty-one existing producing or TA'd wellbores were converted to injection and one P&A'd well was re-entered and converted to injection. Three wells were P&A'd. Injection and production facilities were expanded as required.

Three 20-acre infill producers are planned for the remainder of 1997 and 10 existing wellbores will be converted to injection. No additional infill work is planned for 1998. The waterflood will be monitored for effective and efficient performance and equipment repairs, well workovers and abandonment activities will be performed as necessary.

**NEW WELLS - 1997
NEW MEXICO**

COMPLETED**DRILLING**

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION | LEASE | SPUD DT |
|-------------|--------------|-------------|------|------------|------------------------|-----------------|------------|----------|
| SKELLY 233 | 10/16/96 | 01/03/97 | 3900 | 3036-3224' | 10370/8 | GRAYBURG | LEA D 11 | 08/08/97 |
| SKELLY 263 | 10/16/96 | 01/07/97 | 3900 | 3484-3670' | 33/53/0 | GRYBG & SAN AND | SKELLY 302 | 09/04/97 |
| SKELLY 274 | 11/10/96 | 01/10/97 | 3950 | 3541-3717' | 91/40/58 | GRYBG & SAN AND | CMU 282 | 09/12/97 |
| SKELLY 194 | 11/15/96 | 01/15/97 | 4100 | 3393-3978' | 18/1/60 | GRYBG & SAN AND | LEA D 22 | 09/26/97 |
| SKELLY 203 | 11/30/96 | 01/20/97 | 4100 | 3345-3899' | 59/86/44 | GRYBG & SAN AND | LEA D 20 | 10/05/97 |
| SKELLY 265 | 11/04/96 | 01/21/97 | 3950 | 3540-3869' | 3/6/40 | GRYBG & SAN AND | LEA D 23 | 10/13/97 |
| SKELLY 216 | 12/06/96 | 01/22/97 | 4100 | 3451-3882' | 45/75/9 | GRYBG & SAN AND | MGBU 128 | 10/20/97 |
| SKELLY 254 | 09/27/96 | 01/23/97 | 4050 | 3313-3905' | 9/18/44 | GRYBG & SAN AND | SKELLY 401 | 10/29/97 |
| SKELLY 180 | 12/06/96 | 01/28/97 | 3950 | 3308-3501' | 57/1/26 | GRAYBURG | LEA D 21 | 11/02/97 |
| SKELLY 255 | 12/01/96 | 01/28/97 | 4100 | 3420-3927' | 90/97/126 | GRYBG & SAN AND | SKELLY 400 | 11/10/97 |
| SKELLY 267 | 11/05/96 | 01/31/97 | 3950 | 3520-3826' | 93/61/44 | GRYBG & SAN AND | SKELLY 402 | 11/20/97 |
| CMU 281 | 12/22/96 | 01/31/97 | 4775 | 4273-4521 | 78/70/194 | GRYBG & SAN AND | | |
| SKELLY 230 | 11/20/96 | 02/14/97 | 4100 | 3412-3641 | 18/51/65 | GRYBG & SAN AND | | |
| SKELLY 189 | 11/24/96 | 02/10/97 | 3925 | 3286-3762 | 27/51/153 | GRYBG & SAN AND | | |
| SKELLY 243 | 11/25/96 | 02/18/97 | 4050 | 3385-3871 | 5/34/44 | GRYBG & SAN AND | | |
| SKELLY 242 | 12/11/96 | 02/11/97 | 4025 | 3369-3580 | 5/52/36 | GRYBG & SAN AND | | |
| SKELLY 229 | 12/12/96 | 02/04/97 | 4025 | 3383-3597 | 81/95/267 | GRYBG & SAN AND | | |
| SKELLY 217 | 12/17/96 | 02/11/97 | 4120 | 3456-3659 | 34/1/11 | GRYBG & SAN AND | | |
| SKELLY 182 | 12/18/96 | 02/18/97 | 3950 | 3336-3584 | 16/17/76 | GRYBG & SAN AND | | |
| SKELLY 191 | 01/02/97 | 03/22/97 | 3900 | 3306-3801 | 17/30/32 | GRYBG & SAN AND | | |
| SKELLY 192 | 01/08/97 | 03/27/97 | 3950 | 3518-3825 | 48/33/106 | GRYBG & SAN AND | | |
| SKELLY 193 | 01/14/97 | 03/06/97 | 4100 | 3330-3584 | 16/17/76 | GRYBG & SAN AND | | |
| SKELLY 220 | 10/03/96 | 03/27/97 | 3800 | 3222-3587 | 18/37/1 | GRYBG & SAN AND | | |
| SKELLY 278 | 12/26/96 | 03/04/97 | 4100 | 3696-3825 | 4/24/22 | GRYBG & SAN AND | | |
| CMU 263 | 10/29/96 | 04/25/97 | 4650 | 4122-4584 | INJECTION | GRYBG & SAN AND | | |
| MGBU 153 | 01/07/97 | 04/04/97 | 4200 | 3837-3995 | INJECTION | GRAYBURG | | |
| MGBU 154 | 12/30/96 | 04/19/97 | 4200 | 3828-3990 | INJECTION | GRAYBURG | | |
| CMU 280 | 02/16/97 | 04/05/97 | 4827 | 4200-4649 | 23/10/121 | GRYBG & SAN AND | | |
| SKELLY 283 | 01/27/97 | 04/10/97 | 4000 | 3431-3843 | 7/3/296 | GRYBG & SAN AND | | |
| SKELLY 284Y | 01/21/97 | 04/10/97 | 4025 | 3472-3744 | 16/13/93 | GRYBG & SAN AND | | |
| MGBU 152 | 03/12/97 | 04/29/97 | 4250 | 3889-4051 | INJECTION | GRAYBURG | | |
| CMU 262 | 10/23/96 | 05/09/97 | 4600 | 4134-4311 | INJECTION | GRYBG & SAN AND | | |
| CMU 266 | 02/08/97 | 05/22/97 | 4425 | 3880-4190 | INJECTION | GRYBG & SAN AND | | |
| CMU 265 | 01/13/97 | 06/01/97 | 4450 | 3915-4232 | INJECTION | GRAYBURG | | |
| SKELLY 300 | 04/25/97 | 06/11/97 | 4050 | 3365-3597 | INJECTION | GRYBG & SAN AND | | |
| CMU 267 | 02/02/97 | 06/13/97 | 4450 | 3953-4234 | INJECTION | GRYBG & SAN AND | | |
| MGBU 155 | 04/20/97 | 06/20/97 | | | INJECTION | | | |
| SKELLY 276 | 05/11/97 | 06/14/97 | 4150 | 3658-3822 | 12/10/155 | GRYBG & SAN AND | | |
| SKELLY 214 | 05/19/97 | 06/13/97 | 3950 | 3532-3822 | 25/40/84 | GRYBG & SAN AND | | |
| SKELLY 264 | 10/09/96 | 06/20/97 | 3900 | 3282-3451 | 14/10/488 | GRAYBURG | | |
| CMU 268 | 02/26/97 | 07/02/97 | | | | | | |
| SKELLY 215 | 05/25/97 | 07/05/97 | 4000 | 3335-3565 | 87/128/99 | GRYBG & SAN AND | | |
| SKELLY 301 | 05/02/97 | 07/16/97 | 3950 | 3353-3625 | INJECTION | GRYBG & SAN AND | | |
| LEA D 10 | 08/01/97 | 08/22/97 | | | | | | |
| MGBU 127 | 08/22/97 | 09/17/97 | | | | | | |
| SKELLY 213 | 08/29/97 | | | | | | | |
| MGBU 103 | 09/18/97 | | | | | | | |

MALJAMAR AREA
1997 INJECTION WELLS

| WELL | DATE INJ
BEGAN | |
|-----------|-------------------|-------------------------------|
| MGBU 4 | 01/97 | Conv prod well to inj |
| MGBU 5 | 01/97 | Conv prod well to inj |
| MGBU 15 | 01/97 | Conv prod well to inj |
| CMU 58 | 01/97 | Conv prod well to inj |
|
 | | |
| MGBU 25 | 02/97 | Re-enter TA'd producer |
| MGBU 28 | 02/97 | Re-enter PA'd injector |
| CMU 16 | 02/97 | Conv prod well to inj |
| CMU 69 | 02/97 | Conv prod well to inj |
| CMU 71 | 02/97 | Conv prod well to inj |
| CMU 82 | 02/97 | Conv prod well to inj |
| CMU 83 | 02/97 | Conv prod well to inj |
| CMU 84 | 02/97 | Re-activate TA'd to inj |
| CMU 96 | 02/97 | Conv prod well to inj |
| SKELLY 45 | 02/97 | Conv prod well to inj |
| SKELLY 55 | 02/97 | Conv prod well to inj |
|
 | | |
| MGBU 18 | 03/97 | Re-enter PA'd injector |
| SK 29 | 03/97 | Conv prod well to inj |
| SK 39 | 03/97 | Conv prod well to inj |
| SK 47 | 03/97 | Conv prod well to inj |
| SK 72 | 03/97 | Conv prod well to inj |
| SK 80 | 03/97 | Conv prod well to inj |
| SK 84 | 03/97 | Conv prod well to inj |
| SK 86 | 03/97 | Conv prod well to inj |
| SK 101 | 03/97 | Conv prod well to inj |
| SK 107 | 03/97 | Conv prod well to inj |
| CMU 261 | 03/97 | Re-drill water inj well |
|
 | | |
| MGBU 152 | 04/97 | Re-drill water inj well |
| MGBU 153 | 04/97 | Re-drill water inj well |
| MGBU 154 | 04/97 | Re-drill water inj well |
| SK 23 | 04/97 | Conv prod well to inj |
| SK 25 | 04/97 | Conv prod well to inj |
| SK 28 | 04/97 | Conv prod well to inj |
| SK 35 | 04/97 | Conv prod well to inj |
| SK 41 | 04/97 | Conv prod well to inj |
| SK 43 | 04/97 | Conv prod well to inj |
| SK 51 | 04/97 | Conv prod well to inj |
| SK 57 | 04/97 | Conv prod well to inj |
| SK 59 | 04/97 | Conv prod well to inj |
| SK 66 | 04/97 | Return SI inj to inj |
| SK 83 | 04/97 | Return SI inj to inj |
| SK 88 | 04/97 | Conv prod well to inj |
| SK 95 | 04/97 | Return TA'd inj to inj |
| CMU 260 | 04/97 | Re-drill water inj well |
| CMU 263 | 04/97 | Re-drill water inj well |
|
 | | |
| MGBU 78 | 05/97 | Conv inj well to prod |
| SK 20 | 05/97 | Conv prod well to inj |
| SK 27 | 05/97 | Conv prod well to inj |
| SK 49 | 05/97 | Conv prod well to inj |
| SK 87 | 05/97 | Conv prod well to inj |
| SK 109 | 05/97 | Conv prod well to inj |
|
 | | |
| MGBU 59 | 06/97 | Conv TA'd prod well to inj |
| MGBU 155 | 06/97 | Re-drill water inj well |
| CMU 265 | 06/97 | Re-drill water inj well |
| CMU 267 | 06/97 | Re-drill water inj well |
| SK 17 | 06/97 | Conv prod well to inj |
| SK 18 | 06/97 | Conv prod well to inj |
| SK 33 | 06/97 | Conv prod well to inj |
| SK 58 | 06/97 | Conv dual inj to single G inj |
| SK 61 | 06/97 | Conv prod well to inj |
| SK 104 | 06/97 | Conv prod well to inj |
| SK 106 | 06/97 | Conv prod well to inj |
| SK 300 | 06/97 | Re-drill water inj well |
|
 | | |
| Sk 60 | 07/97 | Conv prod well to inj |
| Sk 62 | 07/97 | Conv prod well to inj |
| Sk 63 | 07/97 | Conv prod well to inj |
| Sk 65 | 07/97 | Conv prod well to inj |
| Sk 68 | 07/97 | Conv prod well to inj |
| Sk 74 | 07/97 | Conv prod well to inj |
| Sk 82 | 07/97 | Conv prod well to inj |
| Sk 90 | 07/97 | Conv prod well to inj |
| Sk 93 | 07/97 | Return TA'd inj to inj |
| Sk 103 | 07/97 | Conv prod well to inj |
| Sk 108 | 07/97 | Conv prod well to inj |
| Sk 110 | 07/97 | Conv prod well to inj |
| Sk 301 | 07/97 | Re-drill water inj well |
|
 | | |
| SK 100 | 08/97 | Re-enter PA'd injector |
| SK 121 | 08/97 | Conv prod well to inj |

MALJAMAR AREA PRODUCTION (C-115)
1997

| LEASE | | 01/97 | 02/97 | 03/97 | 04/97 | 05/97 | 06/97 | 07/97 | 08/97 | 09/97 | 10/97 | 11/97 | 12/97 | TOTAL |
|-------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
| MALJAMAR GRAYBURG UNIT | | | | | | | | | | | | | | |
| | OIL | 6560 | 6480 | 7573 | 6902 | 7121 | 7182 | 6947 | 6828 | 9297 | 0 | 0 | 0 | 64890 |
| | GAS | 3887 | 3144 | 3001 | 3139 | 2829 | 2544 | 2122 | 2243 | 2952 | 0 | 0 | 0 | 25861 |
| | WATER | 48943 | 48664 | 57852 | 52726 | 64995 | 66125 | 68598 | 63397 | 62231 | 0 | 0 | 0 | 533531 |
| LEA LL STATE | | | | | | | | | | | | | | |
| | OIL | 373 | 323 | 310 | 331 | 323 | 298 | 252 | 282 | 242 | 0 | 0 | 0 | 2734 |
| | GAS | 955 | 1327 | 1777 | 1621 | 2120 | 1943 | 2035 | 1144 | 1878 | 0 | 0 | 0 | 14800 |
| | WATER | 481 | 151 | 419 | 300 | 400 | 261 | 376 | 129 | 287 | 0 | 0 | 0 | 2804 |
| CAPROCK MALJAMAR UNIT | | | | | | | | | | | | | | |
| | OIL | 33176 | 30849 | 33484 | 31074 | 31467 | 28892 | 30221 | 29085 | 30627 | 0 | 0 | 0 | 278875 |
| | GAS | 18609 | 18986 | 21085 | 20261 | 19518 | 17616 | 19073 | 18178 | 19569 | 0 | 0 | 0 | 172895 |
| | WATER | 202645 | 201798 | 228498 | 237243 | 233809 | 227472 | 237394 | 249915 | 245963 | 0 | 0 | 0 | 2064737 |
| SKELLY UNIT | | | | | | | | | | | | | | |
| | OIL | 72333 | 60781 | 61530 | 51861 | 46254 | 41216 | 43877 | 42821 | 39147 | 0 | 0 | 0 | 459820 |
| | GAS | 44260 | 46599 | 46213 | 39507 | 35974 | 32237 | 35987 | 33271 | 29450 | 0 | 0 | 0 | 343498 |
| | WATER | 125787 | 125418 | 176650 | 167295 | 212056 | 258979 | 209048 | 177803 | 146841 | 0 | 0 | 0 | 1599877 |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| CMU 159 | 01/02/96 | 01/27/96 | 4850 | 3960-4561 | 78/26/405 | GRYBG & SAN AND |
| MGBU 106 | 01/10/96 | 02/07/96 | 4425 | 3881-4336 | 47/15/242 | GRYBG & SAN AND |
| CMU 209 | 01/03/96 | 01/26/96 | 4900 | 4454-4651' | 50/28/259 | SAN ANDRES |
| CMU 149 | 01/17/96 | 02/29/96 | 4950 | 4203-4738' | 48/17/142 | GRAYBURG |
| CMU 243 | 01/18/96 | 02/29/96 | 4950 | 4615-4695' | 151/70/80 | SAN ANDRES |
| SKELLY 235 | 02/03/96 | 03/20/96 | 3950 | 3151-3349' | 78/65/19 | GRAYBURG |
| CMU 211 | 02/11/96 | 03/22/96 | 4850 | 4527-4535' | 95/30/10 | SAN ANDRES |
| CMU 250 | 02/13/96 | 04/13/96 | 4950 | 4676-4752' | 45/26/105 | SAN ANDRES |
| CMU 242 | 03/03/96 | 04/04/96 | 4803 | 4523-4576' | 77/59/23 | SAN ANDRES |
| CMU 146 | 01/27/96 | 07/05/96 | 4850 | 4031-4316' | 23/9/367 | GRYBG & SAN AND |
| MGBU 107 | 02/02/96 | 06/02/96 | 4450 | 3910-4070' | 43/18/191 | GRAYBURG |
| CMU 208 | 02/05/96 | 05/04/96 | 4850 | 4107-4465' | 36/10/26 | GRYBG & SAN AND |
| CMU 182 | 02/18/96 | 06/01/96 | 4850 | 4243-4442' | 15/11/10 | GRAYBURG |
| SKELLY 248 | 03/11/96 | 05/23/96 | 3950 | 3301-3705' | 100/61/115 | GRYBG & SAN AND |
| CMU 207 | 03/16/96 | 05/14/96 | 4750 | 4059-4353' | 15/3/101 | GRYBG & SAN AND |
| CMU 210 | 03/28/96 | 06/01/96 | 4800 | 4179-4369' | 10/4/134 | GRAYBURG |
| MGBU 79 | 02/21/96 | 06/11/96 | 4400 | 3871-4030' | 55/1/19 | GRAYBURG |
| SKELLY 234 | 02/22/96 | 06/14/96 | 3950 | 3106-3311' | 76/45/8 | GRAYBURG |
| MGBU 112 | 02/29/96 | 06/04/96 | 4450 | 3861-4034' | 25/11/79 | GRAYBURG |
| SKELLY 247 | 03/02/96 | 06/01/96 | 3950 | 3285-3439' | 109/57/383 | GRAYBURG |
| SKELLY 260 | 03/15/96 | 06/03/96 | 3950 | 3338-3508' | 57/30/115 | GRAYBURG |
| SKELLY 261 | 03/17/96 | 06/03/96 | 3950 | 3384-3525' | 45/37/8 | GRAYBURG |
| MGBU 89 | 04/11/96 | 06/28/96 | 4550 | 3858-4318' | 11/9/37 | GRYBG & SAN AND |
| MGBU 91 | 04/21/96 | 06/18/96 | 4400 | 3970-4131' | 18/8/22 | GRAYBURG |
| MGBU 99 | 05/04/96 | 06/18/96 | 4350 | 3844-4299' | 57/3/0 | GRYBG & SAN AND |
| SKELLY 262 | 02/13/96 | 07/02/96 | 3950 | 3401-3613' | 165/81/0 | GRYBG & SAN AND |
| CMU 191 | 03/08/96 | 07/21/96 | 4775 | 4046-4493' | 42/15/35 | GRYBG & SAN AND |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| MGBU 80 | 04/18/96 | 07/02/96 | 4450 | 4049-4280' | 16/9/41 | GRYBG & SAN AND |
| MGBU 88 | 04/27/96 | 07/02/96 | 4400 | 3829-4281' | 15/10/112 | GRYBG & SAN AND |
| SKELLY 227 | 05/22/96 | 07/02/96 | 3950 | 3337-3514' | 50/9/14 | GRAYBURG |
| SKELLY 284 | 06/29/96 | 07/15/96 | | | | P&A'D |
| MGBU 109 | 07/07/96 | 09/07/96 | 4400 | 3907-4077' | 47/16/100 | GRAYBURG |
| CMU 161 | 01/25/96 | 08/16/96 | 4850 | 4086-4328' | 120/16/140 | GRYBG & SAN AND |
| CMU 147 | 02/25/96 | 08/22/96 | 4850 | 4062-4304' | 63/24/90 | GRYBG & SAN AND |
| MGBU 85 | 04/04/96 | 07/12/96 | 4550 | 3925-4083' | 41/3/202 | GRAYBURG |
| MGBU 87 | 05/11/96 | 07/10/96 | 4200 | 3847-4010' | 30/6/50 | GRAYBURG |
| SKELLY 266 | 05/29/96 | 08/20/96 | 4100 | 3521-3915' | 113/42/33 | GRYBG & SAN AND |
| CMU 172 | 06/06/96 | 08/14/96 | 4700 | 3949-4463' | 75/19/218 | GRYBG & SAN AND |
| SKELLY 223 | 06/06/96 | 08/07/96 | 3982 | 3199-3356' | 50/9/10 | GRAYBURG |
| SKELLY 225 | 06/13/96 | 08/08/96 | 4000 | 3290-3410' | 154/111/11 | GRAYBURG |
| MGBU 90 | 06/23/96 | 07/29/96 | 4550 | 3898-4054' | 10/4/112 | GRAYBURG |
| MGBU 81 | 06/28/96 | 08/02/96 | 4500 | 4054-4202' | 17/2/99 | GRAYBURG |
| CMU 236 | 08/01/96 | 09/17/96 | 4900 | 4224-4598' | 43/2/144 | GRYBG & SAN AND |
| CMU 244 | 03/09/96 | 08/30/96 | 4900 | 4372-4461' | 41/20/335 | GRAYBURG |
| CMU 186 | 06/11/96 | 09/16/96 | 4800 | 3880-4450' | 60/23/85 | GRYBG & SAN AND |
| SKELLY 277 | 07/31/96 | 10/01/96 | 4100 | 3542-3735' | 107/70/139 | GRAYBURG |
| CMU 171 | 08/07/96 | 10/09/96 | 4650 | 3958-4462' | 24/30/178 | GRYBG & SAN AND |
| SKELLY 201 | 07/16/96 | 10/16/96 | 4050 | 3570-3815' | 136/69/21 | GRYBG & SAN AND |
| MGBU 101 | 07/26/96 | 09/12/96 | 4450 | 3799-4275' | 15/13/18 | GRYBG & SAN AND |
| SKELLY 181 | 08/10/96 | 09/26/96 | 3950 | 3325-3761' | 22/4/1 | GRYBG & SAN AND |
| SKELLY 185 | 08/16/96 | 09/26/96 | 4150 | 3414-3974' | 15/5/49 | GRYBG & SAN AND |
| MGBU 98 | 07/13/96 | 10/24/96 | 4500 | 3867-4310' | 8/4/82 | GRYBG & SAN AND |
| MGBU 100 | 07/20/96 | 11/01/96 | 4450 | 3825-4266' | 10/7/25 | GRYBG & SAN AND |
| SKELLY 272 | 09/14/96 | 11/05/96 | 3987 | 3398-3512' | 31/12/29 | GRAYBURG |

**NEW WELLS - 1996
NEW MEXICO**

COMPLETED

| LEASE | SPUD
DATE | 1ST
PROD | TD | PERFS | IP TEST
Oil/Gas/Wtr | FORMATION |
|------------|--------------|-------------|------|------------|------------------------|-----------------|
| SKELLY 259 | 09/20/96 | 11/06/96 | 4000 | 3336-3535' | 45/7/8 | GRYBG & SAN AND |
| SKELLY 204 | 08/29/96 | 10/10/96 | 4150 | 3433-4011' | 11/26/116 | GRYBG & SAN AND |
| SKELLY 212 | 08/14/96 | 11/09/96 | 4060 | 3239-3815' | 94/96/94 | GRYBG & SAN AND |
| CMU 260 | 05/25/96 | 09/19/96 | 4675 | 4150-4512' | INJECTION | GRYBG & SAN AND |
| CMU 261 | 06/01/96 | 09/19/96 | 4100 | 4202-4515' | INJECTION | GRYBG & SAN AND |
| CMU 187 | 06/17/96 | 10/08/96 | 4700 | 3941-4496' | 17/15/378 | GRYBG & SAN AND |
| SKELLY 228 | 06/22/96 | 11/13/96 | 4005 | 3416-3553' | 22/3/343 | GRYBG & SAN AND |
| SKELLY 199 | 07/24/96 | 11/12/96 | 4000 | 3268-3763' | 47/66/119 | GRYBG & SAN AND |
| SKELLY 240 | 10/05/96 | 11/21/96 | 4050 | 3346-3557' | 11/6/27 | GRAYBURG |
| SKELLY 246 | 08/24/96 | 11/18/96 | 3950 | 3590-3761' | 99/129/68 | GRYBG & SAN AND |
| SKELLY 275 | 10/11/96 | 11/15/96 | 4000 | 3547-3881' | 118/83/276 | GRYBG & SAN AND |
| SKELLY 253 | 09/20/96 | 11/21/96 | 4000 | 3398-3565' | 33/13/7 | GRAYBURG |
| SKELLY 256 | 09/06/96 | 11/27/96 | 4050 | 3378-3918' | 83/35/61 | GRYBG & SAN AND |
| SKELLY 200 | 08/20/96 | 12/20/96 | 4000 | 3299-3794' | 6/1/113 | GRYBG & SAN AND |
| SKELLY 198 | 08/25/96 | 12/03/96 | 4000 | 3252-3748' | 53/46/50 | GRYBG & SAN AND |
| SKELLY 211 | 08/31/96 | 12/07/96 | 4000 | 3385-3777' | 54/59/56 | GRYBG & SAN AND |
| SKELLY 202 | 09/05/96 | 12/24/96 | 4050 | 3365-3866' | 117/86/23 | GRYBG & SAN AND |
| SKELLY 241 | 09/14/96 | 12/09/96 | 4000 | 3364-3520' | 28/8/8 | GRAYBURG |
| SKELLY 221 | 09/25/96 | 12/20/96 | 3850 | 2933-3290' | 15/0/7 | GRYBG & SAN AND |
| SKELLY 222 | 09/30/96 | 12/03/96 | 3900 | 3169-3775' | 67/146/166 | GRYBG & SAN AND |
| SKELLY 226 | 10/23/96 | 12/16/96 | 4000 | 3322-3783' | 75/98/49 | GRYBG & SAN AND |
| SKELLY 224 | 10/29/96 | 12/12/96 | 4000 | 3211-3443' | 15/3/54 | GRYBG & SAN AND |
| SKELLY 190 | 11/10/96 | 12/31/96 | 4050 | 3309-3546' | 19/22/82 | GRYBG & SAN AND |
| SKELLY 273 | 11/16/96 | 12/30/96 | 3950 | 3501-3832' | 138/23/22 | GRYBG & SAN AND |

**MALJAMAR AREA
1996 INJECTION WELLS**

| WELL | DATE INJ
BEGAN | |
|-----------|-------------------|-------------------------|
| MGBU 20 | 01/96 | Convert P&A well to inj |
| CMU 7 | 01/96 | Conv prod well to inj |
| CMU 28 | 06/96 | Convert P&A well to inj |
| CMU 67 | 07/96 | Conv prod well to inj |
| SKELLY 52 | 07/96 | Workover; return to inj |
| SKELLY 54 | 07/96 | Workover; return to inj |
| SKELLY 77 | 07/96 | Workover; return to inj |
| MGBU 17 | 08/96 | Conv prod well to inj |
| CMU 23 | 08/96 | Conv P&A well to inj |
| CMU 24 | 08/96 | Conv P&A well to inj |
| CMU 25 | 08/96 | Conv P&A well to inj |
| MGBU 21 | 09/96 | Conv prod well to inj |
| CMU 68 | 09/96 | Conv prod well to inj |
| CMU 13 | 10/96 | Conv P&A well to inj |
| CMU 14 | 10/96 | Conv P&A well to inj |
| CMU 73 | 10/96 | Conv prod well to inj |
| CMU 94 | 10/96 | Conv prod well to inj |
| CMU 100 | 10/96 | Conv prod well to inj |
| CMU 79 | 11/96 | Conv prod well to inj |
| CMU 90 | 11/96 | Conv prod well to inj |
| MGBU 8 | 12/96 | Conv prod well to inj |
| MGBU 10 | 12/96 | Conv prod well to inj |
| MGBU 19 | 12/96 | Conv prod well to inj |
| MGBU 27 | 12/96 | Conv prod well to inj |
| MGBU 53 | 12/96 | Conv TA'd well to inj |
| CMU 20 | 12/96 | Conv prod well to inj |
| CMU 45 | 12/96 | WO TA'd inj well |

MALJAMAR AREA PRODUCTION (C-115)
1996

| LEASE | | 01/96 | 02/96 | 03/96 | 04/96 | 05/96 | 06/96 | 07/96 | 08/96 | 09/96 | 10/96 | 11/96 | 12/96 | TOTAL |
|------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| MALJAMAR GRAYBURG UNIT | OIL | 4536 | 5109 | 5431 | 5287 | 5493 | 7778 | 9121 | 10129 | 9512 | 9149 | 8291 | 7338 | 87174 |
| | GAS | 540 | 401 | 761 | 604 | 29 | 1259 | 3303 | 4151 | 3973 | 4403 | 5642 | 4802 | 29868 |
| | WATER | 21303 | 29489 | 24726 | 17834 | 23140 | 31288 | 37959 | 39647 | 39150 | 38811 | 38083 | 36182 | 377612 |
| LEA LL STATE | OIL | 341 | 267 | 304 | 271 | 315 | 275 | 290 | 296 | 271 | 293 | 267 | 269 | 3459 |
| | GAS | 914 | 836 | 1490 | 1110 | 1125 | 1129 | 997 | 867 | 1103 | 757 | 937 | 1192 | 12457 |
| | WATER | 279 | 261 | 279 | 270 | 279 | 276 | 242 | 411 | 266 | 266 | 269 | 251 | 3349 |
| CAPROCK MALJAMAR UNIT | OIL | 31793 | 29318 | 34288 | 35319 | 31743 | 31605 | 35244 | 39092 | 39827 | 40376 | 36317 | 34776 | 419698 |
| | GAS | 15483 | 17311 | 16976 | 19445 | 19538 | 19618 | 19681 | 23526 | 22827 | 22710 | 19694 | 19247 | 236056 |
| | WATER | 207148 | 184337 | 159515 | 185159 | 162104 | 209934 | 205073 | 202734 | 197865 | 228273 | 248177 | 231929 | 2422248 |
| SKELLY UNIT | OIL | 11533 | 12662 | 14288 | 12113 | 14439 | 18386 | 21852 | 31209 | 28842 | 34684 | 43977 | 56102 | 300087 |
| | GAS | 4262 | 6118 | 7439 | 8002 | 8049 | 8550 | 11669 | 15579 | 14751 | 20391 | 27081 | 36390 | 168281 |
| | WATER | 26081 | 27985 | 35372 | 38639 | 59128 | 64911 | 64075 | 87084 | 76963 | 73606 | 90406 | 114522 | 758772 |

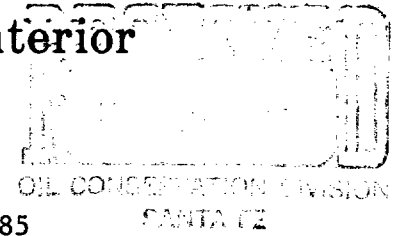
MALJAMAR AREA PRODUCTION (C-115)
1995

| LEASE | MALJAMAR GRAYBURG UNIT | 01/95 | 02/95 | 03/95 | 04/95 | 05/95 | 06/95 | 07/95 | 08/95 | 09/95 | 10/95 | 11/95 | 12/95 | TOTAL |
|-----------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | | | | | | | | | | | | | |
| | OIL | 4718 | 4145 | 4471 | 4467 | 4427 | 4210 | 4140 | 3958 | 3954 | 4041 | 3766 | 4402 | 50699 |
| | GAS | 458 | 366 | 699 | 582 | 743 | 690 | 784 | 582 | 791 | 670 | 443 | 321 | 7129 |
| | WATER | 15383 | 14057 | 19430 | 14894 | 15010 | 15097 | 12265 | 10608 | 9003 | 12293 | 10558 | 10716 | 159314 |
| LEA LL STATE | OIL | 310 | 266 | 271 | 282 | 267 | 314 | 321 | 367 | 327 | 311 | 343 | 338 | 3717 |
| | GAS | 434 | 434 | 370 | 702 | 726 | 1037 | 1390 | 995 | 1280 | 1195 | 1020 | 1021 | 10604 |
| | WATER | 308 | 291 | 307 | 285 | 300 | 288 | 305 | 300 | 298 | 301 | 275 | 275 | 3533 |
| CAPROCK MALJAMAR UNIT | OIL | 18638 | 16656 | 19136 | 21644 | 27053 | 26367 | 24472 | 22365 | 20238 | 24174 | 24518 | 26458 | 271719 |
| | GAS | 11337 | 7084 | 13097 | 13227 | 18679 | 16683 | 16702 | 16676 | 14609 | 16449 | 15374 | 10217 | 170134 |
| | WATER | 133633 | 114460 | 143837 | 142495 | 167502 | 202985 | 202787 | 208537 | 201699 | 193284 | 205390 | 207113 | 2123722 |
| SKELLY UNIT | OIL | | | | | | | | | 7369 | 8828 | 8135 | 8794 | 33126 |
| | GAS | | | | | | | | | 2942 | 3578 | 3527 | 3365 | 13412 |
| | WATER | | | | | | | | | 19421 | 24258 | 17430 | 17412 | 78521 |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
P. O. Box 1397
Roswell, New Mexico 88201



IN REPLY
REFER TO:

14-08-0001-8848 (060)

March 15, 1985

Chevron U.S.A. Inc.
Attention: W. D. Edman
P. O. Box 1660
Midland, Texas 79702

#3506

RE: 1985 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

Gentlemen:

We are in receipt of your letter dated February 29, 1985 which describes your 1985 Plan of Development for the Maljamar Grayburg Secondary Recovery Unit, Lea County, New Mexico.

Such plan proposing to convert the MG Unit No. 78 well to injection status and to evaluate necessary workovers is approved effective as of January 1, 1985.

Sincerely yours,

s/T. Kreager

Acting District Manager

cc:

Commissioner of Public Lands, Santa Fe

NMOCD, Santa Fe

NMSO, Micrographics (943B)

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands
May 2, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Chevron U.S.A. Inc.
P. O. Box 1660
Midland, Texas 79702

Re: 1985 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

ATTENTION: Mr. W. D. Edman

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Plan of Development for the Maljamar Grayburg Unit Area, Lea County, New Mexico. Such plan proposes to convert the unit well no. 78 to injection and evaluate the unit area for additional workovers. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

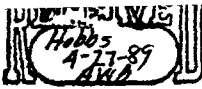
BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico ATTN: Fluids Branch
BLM-Roswell, New Mexico ATTN: Mr. Armando Lopez

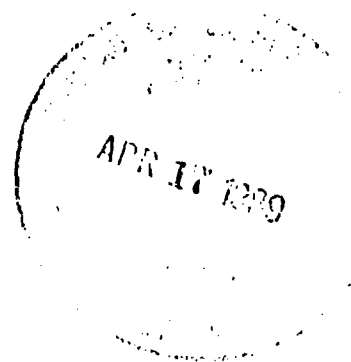


Chevron U.S.A. Inc.
P.O. Box 670, Hobbs, NM 88240



R. C. Anderson
Division Manager
Production Department
Hobbs Division

April 13, 1989



#3506

1988 REPORT OF OPERATIONS AND
1989 PLAN OF DEVELOPMENT FOR
ROGLE FLATS, EUNICE MONUMENT
SOUTH, NORTH HACKBERRY YATES,
STUART LANGLIE-MATTIX,
HACKBERRY HILLS, MALJAMAR
GRAYBURG AND WEST DOLLARHIDE
DEVONIAN UNIT (S)

United States Department of the Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201

Attention: Mr. Joe G. Lara
Assistant District Manager, Minerals

Gentlemen:

Attached for your viewing are three copies of the 1988 Report of Operations and 1989 Plan of Development for each of the subject Chevron U.S.A. operated Units as requested in your letter of February 1, 1989. Please note that you graciously granted us and extension to April 15, 1989 to submit these reports.

If you have any questions, please contact Mr. J. T. Dunlavey or Mr. A. W. Bohling at Chevron U.S.A. Inc., P. O. Box 670, Hobbs, New Mexico 88240; Phone (505) 393-4121.

Yours very truly,

R. C. ANDERSON

AWB/jay 04139/02

Attachments

cc: M. J. Allison w/o attachments
J. A. Awwad w/o attachments
J. T. Dunlavey w/o attachments
D. H. Messer Houston - w/attachments
D. H. Wilson Houston - w/attachments
Hobbs Division Central Files - Unit files w/attachment

1988 Report of Operations
1989 Plan of Development

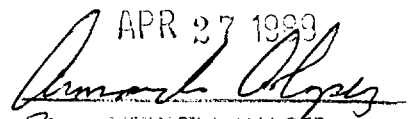
The Maljamar Grayburg Unit was formed 5/59 and contains 3280 acres. Water injection commenced in 1962 and was discontinued on a field wide basis in 1975. At present Chevron operates 2 injectors in the north part of the unit and Conoco operates 2 injectors in the south part of the unit.

The Maljamar Grayburg Unit has 27 active producers which averaged 83 BOPD, 142 BWPD, and 60 MCFPD over the 4th quarter 1988. Cumulative injection and production through December 1988 was 18.6 MMBW and 7.3 MMBO, respectively.

Chevron plans to temporarily abandon 8 producing wells in the unit in 1989. No other work is planned for the unit in 1989.

LMW/jc 04119/02

Plan of Development
APPROVED

APR 27 1989

DISTRICT MANAGER
BUREAU OF LAND MANAGEMENT

LEA | CO.

1



☒ Proposed changes to jurisdiction rights

1994

1995 Study design Data collection

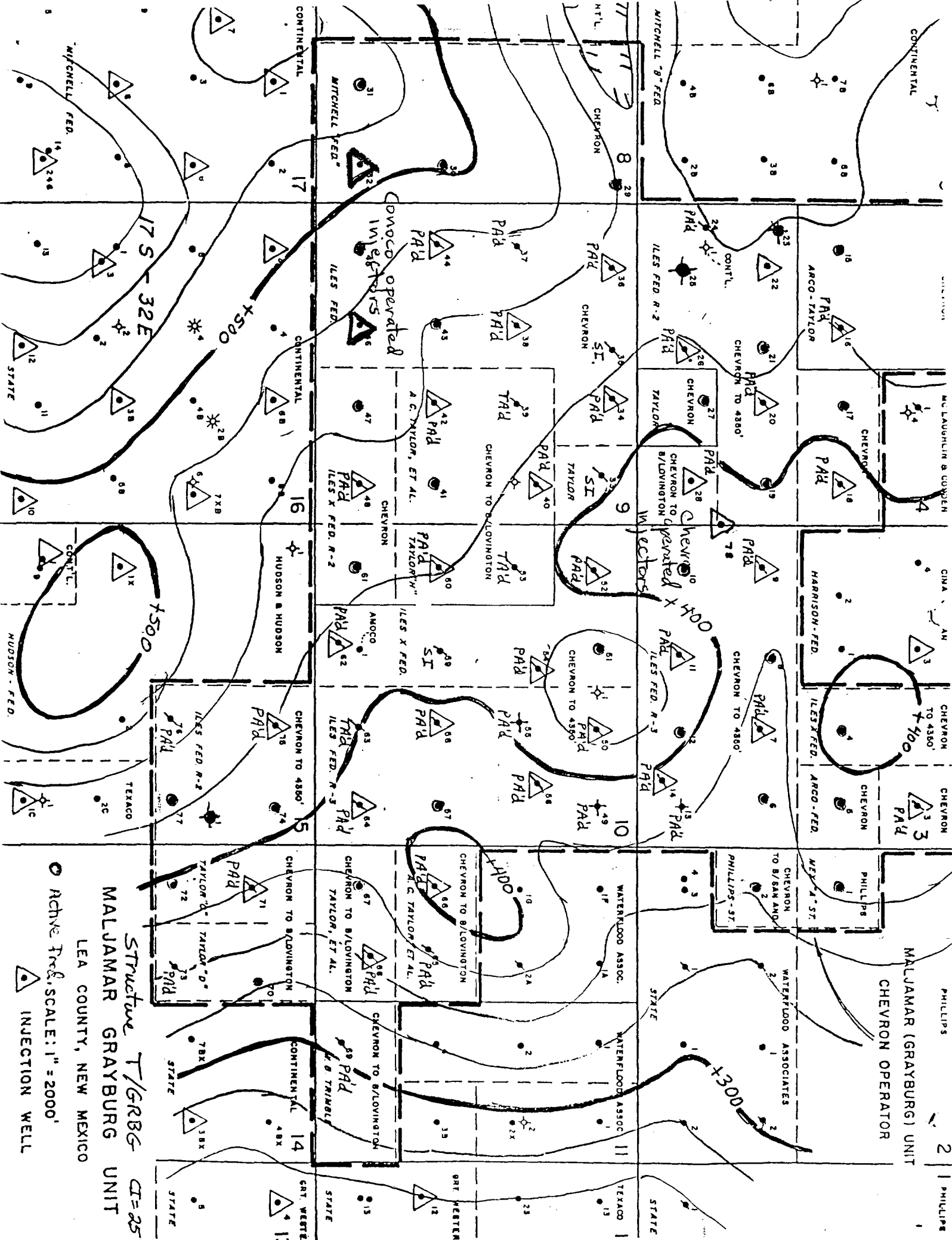
1996 Data analysis

1997 Publication

1998 Follow-up

MALJAMAR (GRAYBURG) UNIT

CHEVRON OPERATOR



Structure T/GRBG
MALJAMAR GRAYBURG UNIT

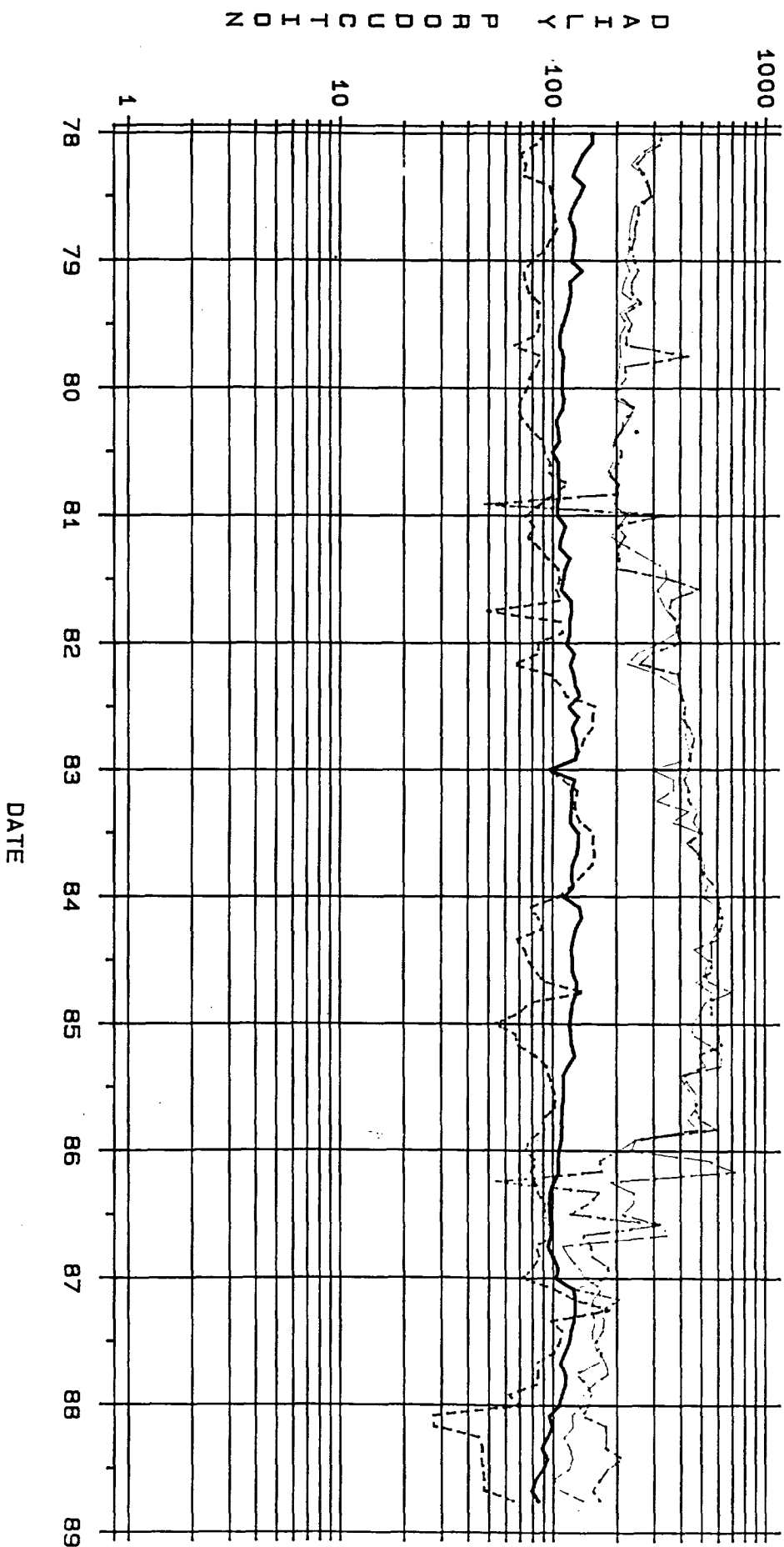
LEA COUNTY, NEW MEXICO

Active Prod. Scale: 1" = 2000'

INJECTION WELL

MALJAMAR GRAYBURG UNIT

QUARTERLY WATERFLOOD REPORT



SOLID BLACK LINE =BOPD
 SHORT DASH BLUE LINE =BWPD
 LONG DASH GREEN LINE =GAS
 ALTERNATING RED LINE =INJ VOL

Southern Region COS Report No. 5
Water Injection Report
COS Nomad 13-Month Well Transaction Database
Division: Hobbs
Supervisor: C.L. Morrill
January 1988

Foreman :

| Field | Lease/Property | Well No. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|----------|------------------------|----------|---------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T | 31 | 119 | 3,700 | 3,700 | 2400 | 0 | A |
| | | 78 W | 31 | 16 | 507 | 507 | 975 | 0 | A |
| | | | | | 4,207 | 4,207 | | | |
| | | | | | 4,207 | 4,207 | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 02/08/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: JANUARY 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 31 | 144 | 31 | 31 | 5 | 1 | 1 | 204 | 01/03/88 |
| 2 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 01/05/88 |
| 4 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 01/04/88 |
| 5 | PRO | OIL | PR | 31 | 115 | 62 | 31 | 4 | 2 | 1 | 255 | 01/07/88 |
| 6 | PRO | OIL | PR | 31 | 86 | 217 | 31 | 3 | 7 | 1 | 340 | 01/09/88 |
| 8 | PRO | OIL | PR | 31 | 58 | 124 | 31 | 2 | 4 | 1 | 510 | 01/06/88 |
| 10 | PRO | OIL | PR | 31 | 100 | 93 | 31 | 3 | 3 | 1 | 340 | 01/06/88 |
| 15 | PRO | OIL | PR | 31 | 535 | 490 | 31 | 16 | 16 | 1 | 64 | 01/07/88 |
| 17 | PRO | OIL | PR | 31 | 150 | 372 | 31 | 5 | 12 | 1 | 204 | 01/09/88 |
| 19 | PRO | OIL | PR | 31 | 134 | 176 | 31 | 4 | 6 | 1 | 255 | 01/11/88 |
| 21 | PRO | OIL | PR | 31 | 67 | 496 | 31 | 2 | 16 | 1 | 510 | 01/12/88 |
| 27 | PRO | OIL | PR | 31 | 67 | 62 | 31 | 2 | 2 | 1 | 510 | 01/14/88 |
| 29 | PRO | OIL | PR | 29 | 191 | 29 | 29 | 7 | 1 | 1 | 146 | 01/05/88 |
| 30 | PRO | OIL | PR | 31 | 86 | 93 | 31 | 3 | 3 | 1 | 340 | 01/10/88 |
| 31 | PRO | OIL | PR | 31 | 34 | 31 | 31 | 1 | 1 | 1 | 1020 | 01/07/88 |
| 41 | PRO | OIL | PR | 22 | 48 | 50 | 22 | 2 | 3 | 1 | 510 | 01/18/88 |
| 43 | PRO | OIL | PR | 31 | 86 | 155 | 31 | 3 | 5 | 1 | 340 | 01/12/88 |
| 45 | PRO | OIL | PR | 31 | 218 | 31 | 31 | 8 | 1 | 1 | 128 | 01/13/88 |
| 47 | PRO | OIL | PR | 31 | 102 | 31 | 31 | 4 | 1 | 1 | 255 | 01/14/88 |
| 51 | PRO | OIL | PR | 31 | 58 | 334 | 31 | 3 | 11 | 1 | 340 | 01/08/88 |
| 57 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 01/11/88 |
| 61 | PRO | OIL | PR | 31 | 74 | 44 | 31 | 3 | 1 | 1 | 340 | 01/14/88 |
| 67 | PRO | OIL | PR | 31 | 58 | 93 | 31 | 2 | 3 | 1 | 510 | 01/10/88 |
| 70 | PRO | OIL | PR | 31 | 115 | 62 | 31 | 4 | 2 | 1 | 255 | 01/12/88 |
| 72 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 01/13/88 |
| 74 | PRO | OIL | PR | 31 | 29 | 93 | 31 | 1 | 3 | 1 | 1020 | 01/15/88 |
| 77 | PRO | OIL | PR | 31 | 115 | 344 | 31 | 4 | 10 | 1 | 255 | 01/18/88 |
| *TOTAL GRAYBURG-SAN ANDRES | | | | | 2930 | 3761 | 826 | | | | | |

AVERAGE DAILY OIL PRODUCTION: 95
AVERAGE DAILY WATER PRODUCTION: 121
AVERAGE DAILY GAS PRODUCTION: 27

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 0
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs
 Supervisor: C.L. Morrill
 February 1988

Foreman :

| Field | Lease/Property | Well No. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|----------|------------------------|--------------|----------|---------------------------|---|---|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 29
29 | 163
6 | 4,724
183
4,907
4,907
4,907 | 8,424
690
9,114
9,114
9,114 | 1200
975 | 0
0 | A
A |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 03/08/88

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PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FILLD_NAME : MALJAMARRESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: FEBRUARY 1988

| WELL
NUM
(18) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 29 | 135 | 29 | 29 | 5 | 1 | 1 | 204 | 02/01/88 |
| 2 | PRO | OIL | PR | 26 | 49 | 52 | 26 | 2 | 2 | 1 | 510 | 02/03/88 |
| 4 | PRO | OIL | PR | 26 | 49 | 52 | 26 | 2 | 2 | 1 | 510 | 02/02/88 |
| 5 | PRO | OIL | PR | 29 | 108 | 58 | 29 | 4 | 2 | 1 | 255 | 02/08/88 |
| 6 | PRO | OIL | PR | 26 | 73 | 182 | 26 | 3 | 7 | 1 | 340 | 02/06/88 |
| 8 | PRO | OIL | PR | 26 | 49 | 104 | 26 | 2 | 4 | 1 | 510 | 02/04/88 |
| 10 | PRO | OIL | PR | 29 | 89 | 87 | 29 | 3 | 3 | 1 | 340 | 02/03/88 |
| 15 | PRO | OIL | PR | 29 | 477 | 464 | 29 | 16 | 16 | 1 | 64 | 02/07/88 |
| 17 | PRO | OIL | PR | 29 | 149 | 369 | 29 | 5 | 13 | 1 | 204 | 02/09/88 |
| 19 | PRO | OIL | PR | 29 | 139 | 155 | 29 | 5 | 5 | 1 | 204 | 02/11/88 |
| 21 | PRO | OIL | PR | 29 | 60 | 447 | 29 | 2 | 15 | 1 | 510 | 02/13/88 |
| 27 | PRO | OIL | PR | 29 | 60 | 58 | 29 | 2 | 2 | 1 | 510 | 02/15/88 |
| 29 | PRO | OIL | PR | 28 | 229 | 55 | 28 | 9 | 2 | 1 | 113 | 02/02/88 |
| 30 | PRO | OIL | PR | 29 | 80 | 110 | 29 | 3 | 4 | 1 | 340 | 02/07/88 |
| 31 | PRO | OIL | PR | 29 | 27 | 29 | 29 | 1 | 1 | 1 | 1020 | 02/11/88 |
| 41 | PRO | OIL | PR | 29 | 72 | 66 | 29 | 3 | 2 | 1 | 340 | 02/09/88 |
| 43 | PRO | OIL | PR | 29 | 80 | 165 | 29 | 3 | 6 | 1 | 340 | 02/10/88 |
| 45 | PRO | OIL | PR | 29 | 181 | 46 | 29 | 6 | 2 | 1 | 170 | 02/13/88 |
| 47 | PRO | OIL | PR | 28 | 89 | 28 | 28 | 3 | 1 | 1 | 340 | 02/14/88 |
| 51 | PRO | OIL | PR | 29 | 81 | 319 | 29 | 3 | 11 | 1 | 340 | 02/11/88 |
| 57 | PRO | OIL | PR | 26 | 49 | 52 | 26 | 2 | 2 | 1 | 510 | 02/05/88 |
| 61 | PRO | OIL | PR | 29 | 81 | 29 | 29 | 3 | 1 | 1 | 340 | 02/11/88 |
| 67 | PRO | OIL | PR | 26 | 49 | 78 | 26 | 2 | 1 | 1 | 510 | 02/07/88 |
| 70 | PRO | OIL | PR | 29 | 108 | 58 | 29 | 4 | 2 | 1 | 510 | 02/09/88 |
| 72 | PRO | OIL | PR | 29 | 54 | 87 | 29 | 2 | 2 | 1 | 255 | 02/12/88 |
| 74 | PRO | OIL | PR | 29 | 27 | 238 | 29 | 1 | 3 | 1 | 1020 | 02/10/88 |
| 77 | PRO | OIL | PR | 29 | 108 | 238 | 29 | 4 | 6 | 1 | 255 | 02/17/88 |

*TOTAL GRAYBURG-SAN ANDRES

2752

3475

763

AVERAGE DAILY OIL PRODUCTION: 95
AVERAGE DAILY WATER PRODUCTION: 120
AVERAGE DAILY GAS PRODUCTION: 26ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 0
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morris
 March 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing pressure | Casing pressure | Status A/I |
|-------------------------------|------------------------|----------|---------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T | 31 | 170 | 5,277 | 13,701 | 2000 | 0 | A |
| | | 78 W | 31 | 7 | 204 | 894 | 975 | 0 | A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 177 | 5,481 | 14,595 | | | |

AVERAGE DAILY WATER INJECTION: 177
 AVERAGE TUBING PRESSURE : 1,488
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 04/29/88

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PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: MARCH 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 31 | 146 | 31 | 62 | 5 | 1 | 2 | 408 | 04/01/88 |
| 2 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 04/03/88 |
| 4 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 04/02/88 |
| 5 | PRO | OIL | PR | 31 | 117 | 35 | 58 | 4 | 1 | 2 | 510 | 04/05/88 |
| 6 | PRO | OIL | PR | 31 | 66 | 56 | 54 | 3 | 7 | 1 | 340 | 04/07/88 |
| 8 | PRO | OIL | PR | 29 | 55 | 116 | 29 | 2 | 3 | 1 | 510 | 04/04/88 |
| 10 | PRO | OIL | PR | 31 | 91 | 93 | 61 | 2 | 3 | 2 | 680 | 04/03/88 |
| 15 | PRO | OIL | PR | 31 | 484 | 496 | 234 | 16 | 16 | 8 | 510 | 04/04/88 |
| 17 | PRO | OIL | PR | 31 | 151 | 403 | 85 | 5 | 14 | 3 | 612 | 04/05/88 |
| 19 | PRO | OIL | PR | 31 | 151 | 130 | 56 | 5 | 4 | 2 | 408 | 04/06/88 |
| 21 | PRO | OIL | PR | 31 | 61 | 489 | 31 | 2 | 16 | 1 | 510 | 04/07/88 |
| 27 | PRO | OIL | PR | 31 | 61 | 85 | 31 | 2 | 3 | 1 | 510 | 04/08/88 |
| 29 | PRO | OIL | PR | 30 | 257 | 60 | 117 | 7 | 2 | 3 | 438 | 04/04/88 |
| 30 | PRO | OIL | PR | 30 | 86 | 92 | 30 | 3 | 3 | 1 | 340 | 04/05/88 |
| 31 | PRO | OIL | PR | 31 | 30 | 31 | 31 | 1 | 1 | 1 | 1020 | 04/03/88 |
| 41 | PRO | OIL | PR | 31 | 89 | 62 | 31 | 2 | 3 | 1 | 510 | 04/06/88 |
| 43 | PRO | OIL | PR | 31 | 89 | 162 | 31 | 3 | 5 | 1 | 340 | 04/07/88 |
| 45 | PRO | OIL | PR | 31 | 177 | 40 | 75 | 6 | 1 | 3 | 510 | 04/08/88 |
| 47 | PRO | OIL | PR | 31 | 89 | 50 | 31 | 3 | 2 | 1 | 340 | 04/09/88 |
| 51 | PRO | OIL | PR | 31 | 63 | 341 | 31 | 2 | 11 | 1 | 510 | 04/09/88 |
| 57 | PRO | OIL | PR | 30 | 57 | 60 | 30 | 2 | 2 | 1 | 510 | 04/10/88 |
| 61 | PRO | OIL | PR | 31 | 88 | 53 | 31 | 2 | 2 | 1 | 510 | 04/12/88 |
| 67 | PRO | OIL | PR | 30 | 57 | 90 | 30 | 2 | 3 | 1 | 510 | 04/06/88 |
| 70 | PRO | OIL | PR | 31 | 117 | 62 | 51 | 4 | 2 | 2 | 510 | 04/08/88 |
| 72 | PRO | OIL | PR | 31 | 58 | 62 | 31 | 2 | 2 | 1 | 510 | 04/11/88 |
| 74 | PRO | OIL | PR | 21 | 20 | 63 | 21 | 1 | 3 | 1 | 1020 | 04/13/88 |
| 77 | PRO | OIL | PR | 31 | 102 | 186 | 47 | 4 | 8 | 2 | 510 | 04/14/88 |
| *TOTAL GRAYBURG-SAN ANDRES | | | | | 2878 | 3472 | 1381 | | | | | |

AVERAGE DAILY OIL PRODUCTION: 93
AVERAGE DAILY WATER PRODUCTION: 112
AVERAGE DAILY GAS PRODUCTION: 45

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 0
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrill
 April 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|-------------------------------|------------------------|--------------|----------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 30
30 | 157
18 | 4,709
545 | 18,410
1,439 | 1200
975 | 0
0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 175 | 5,254 | 19,849 | | | |

AVERAGE DAILY WATER INJECTION: 175
 AVERAGE TUBING PRESSURE : 1,088
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: APRIL 1988

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 05/10/88

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 30 | 129 | 30 | 60 | 5 | 1 | 2 | 408 | 04/01/88 |
| 2 | PRO | OIL | PR | 30 | 52 | 60 | 30 | 2 | 2 | 1 | 510 | 04/03/88 |
| 4 | PRO | OIL | PR | 30 | 52 | 60 | 30 | 2 | 2 | 1 | 510 | 04/02/88 |
| 5 | PRO | OIL | PR | 30 | 103 | 30 | 60 | 4 | 1 | 2 | 510 | 04/05/88 |
| 6 | PRO | OIL | PR | 30 | 72 | 168 | 36 | 3 | 7 | 1 | 340 | 04/07/88 |
| 8 | PRO | OIL | PR | 30 | 52 | 93 | 30 | 2 | 3 | 2 | 510 | 04/04/88 |
| 10 | PRO | OIL | PR | 30 | 83 | 90 | 60 | 3 | 3 | 2 | 680 | 04/03/88 |
| 15 | PRO | OIL | PR | 30 | 442 | 480 | 240 | 16 | 16 | 8 | 510 | 04/04/88 |
| 17 | PRO | OIL | PR | 30 | 138 | 416 | 90 | 5 | 14 | 3 | 612 | 04/05/88 |
| 19 | PRO | OIL | PR | 30 | 138 | 120 | 60 | 5 | 4 | 2 | 408 | 04/06/88 |
| 21 | PRO | OIL | PR | 30 | 55 | 480 | 30 | 2 | 16 | 1 | 510 | 04/07/88 |
| 27 | PRO | OIL | PR | 30 | 55 | 90 | 30 | 2 | 3 | 1 | 510 | 04/08/88 |
| 29 | PRO | OIL | PR | 30 | 215 | 60 | 93 | 7 | 2 | 3 | 438 | 04/04/88 |
| 30 | PRO | OIL | PR | 30 | 89 | 90 | 30 | 3 | 3 | 1 | 340 | 04/05/88 |
| 31 | PRO | OIL | PR | 30 | 30 | 30 | 30 | 1 | 1 | 1 | 1020 | 04/03/88 |
| 41 | PRO | OIL | PR | 30 | 65 | 85 | 30 | 2 | 3 | 1 | 510 | 04/06/88 |
| 43 | PRO | OIL | PR | 30 | 89 | 150 | 30 | 3 | 5 | 1 | 340 | 04/07/88 |
| 45 | PRO | OIL | PR | 30 | 179 | 30 | 90 | 6 | 1 | 3 | 510 | 04/08/88 |
| 47 | PRO | OIL | PR | 30 | 89 | 60 | 30 | 3 | 2 | 1 | 340 | 04/09/88 |
| 51 | PRO | OIL | PR | 30 | 52 | 330 | 30 | 2 | 11 | 1 | 510 | 04/10/88 |
| 57 | PRO | OIL | PR | 30 | 52 | 60 | 30 | 2 | 2 | 1 | 510 | 04/12/88 |
| 61 | PRO | OIL | PR | 30 | 52 | 60 | 30 | 2 | 2 | 1 | 510 | 04/06/88 |
| 67 | PRO | OIL | PR | 30 | 103 | 60 | 60 | 4 | 2 | 2 | 510 | 04/08/88 |
| 70 | PRO | OIL | PR | 30 | 52 | 60 | 30 | 2 | 2 | 1 | 510 | 04/11/88 |
| 72 | PRO | OIL | PR | 30 | 26 | 90 | 30 | 1 | 3 | 1 | 1020 | 04/13/88 |
| 74 | PRO | OIL | PR | 30 | 92 | 214 | 60 | 4 | 8 | 2 | 510 | 04/14/88 |
| 77 | PRO | OIL | PR | 30 | | | | | | | | |
| *TOTAL GRAYBURG-SAN ANDRES | | | | | 2617 | 3586 | 1389 | | | | | |

AVERAGE DAILY OIL PRODUCTION: 87
AVERAGE DAILY WATER PRODUCTION: 120
AVERAGE DAILY GAS PRODUCTION: 46

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 0
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs
 Supervisor: C.L. Morril
 May 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|-------------------------------|------------------------|--------------|----------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 31
31 | 205
6 | 6,345
201 | 24,755
1,640 | 2100
900 | 0
0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 211 | 6,546 | 26,395 | | | |

AVERAGE DAILY WATER INJECTION: 211
 AVERAGE TUBING PRESSURE : 1,500
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 06/13/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMARRESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: MAY 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 31 | 152 | 31 | 62 | 4 | 2 | 2 | 510 | 06/01/88 |
| 2 | PRO | OIL | PR | 31 | 61 | 62 | 31 | 2 | 2 | 11 | 510 | 06/02/88 |
| 4 | PRO | OIL | PR | 31 | 61 | 62 | 31 | 2 | 2 | 12 | 1020 | 06/02/88 |
| 5 | PRO | OIL | PR | 31 | 121 | 31 | 62 | 4 | 2 | 2 | 510 | 06/03/88 |
| 6 | PRO | OIL | PR | 31 | 91 | 217 | 31 | 3 | 7 | 1 | 340 | 06/02/88 |
| 8 | PRO | OIL | PR | 31 | 61 | 93 | 31 | 2 | 3 | 1 | 510 | 06/03/88 |
| 10 | PRO | OIL | PR | 31 | 77 | 93 | 48 | 2 | 3 | 1 | 510 | 05/18/88 |
| 15 | PRO | OIL | PR | 31 | 574 | 544 | 296 | 20 | 18 | 10 | 510 | 05/08/88 |
| 17 | PRO | OIL | PR | 31 | 150 | 408 | 93 | 4 | 14 | 2 | 510 | 06/04/88 |
| 19 | PRO | OIL | PR | 31 | 150 | 124 | 62 | 4 | 5 | 2 | 510 | 06/05/88 |
| 21 | PRO | OIL | PR | 31 | 60 | 496 | 31 | 2 | 16 | 1 | 510 | 05/04/88 |
| 27 | PRO | OIL | PR | 31 | 60 | 93 | 31 | 2 | 3 | 1 | 510 | 06/01/88 |
| 29 | PRO | OIL | PR | 31 | 210 | 36 | 41 | 8 | 1 | 1 | 128 | 05/06/88 |
| 30 | PRO | OIL | PR | 31 | 80 | 63 | 31 | 3 | 3 | 1 | 340 | 06/01/88 |
| 31 | PRO | OIL | PR | 31 | 27 | 31 | 31 | 1 | 2 | 1 | 1020 | 06/05/88 |
| 41 | PRO | OIL | PR | 31 | 54 | 120 | 31 | 2 | 3 | 1 | 510 | 06/04/88 |
| 43 | PRO | OIL | PR | 31 | 80 | 181 | 31 | 4 | 4 | 2 | 510 | 06/06/88 |
| 45 | PRO | OIL | PR | 31 | 186 | 31 | 93 | 7 | 1 | 3 | 438 | 05/03/88 |
| 47 | PRO | OIL | PR | 31 | 80 | 62 | 31 | 3 | 2 | 1 | 340 | 05/07/88 |
| 51 | PRO | OIL | PR | 31 | 61 | 318 | 31 | 2 | 2 | 1 | 510 | 06/07/88 |
| 57 | PRO | OIL | PR | 31 | 61 | 84 | 31 | 2 | 3 | 1 | 510 | 05/10/88 |
| 61 | PRO | OIL | PR | 31 | 61 | 62 | 31 | 2 | 2 | 1 | 510 | 05/12/88 |
| 67 | PRO | OIL | PR | 31 | 61 | 93 | 31 | 2 | 2 | 1 | 510 | 06/06/88 |
| 70 | PRO | OIL | PR | 31 | 121 | 62 | 62 | 4 | 3 | 2 | 510 | 06/07/88 |
| 72 | PRO | OIL | PR | 31 | 61 | 83 | 31 | 2 | 3 | 1 | 510 | 05/11/88 |
| 74 | PRO | OIL | PR | 31 | 30 | 111 | 31 | 1 | 4 | 1 | 1020 | 05/14/88 |
| 77 | PRO | OIL | PR | 31 | 121 | 248 | 62 | 4 | 8 | 2 | 510 | 05/14/88 |
| *TOTAL GRAYBURG-SAN ANDRES | | | | | 2912 | 3839 | 1408 | | | | | |

AVERAGE DAILY OIL PRODUCTION: 94
 AVERAGE DAILY WATER PRODUCTION: 124
 AVERAGE DAILY GAS PRODUCTION: 45

ACTIVE PRODUCER - OIL: 27
 INACTIVE PRODUCER - OIL: 0
 ACTIVE PRODUCER - GAS: 0
 INACTIVE PRODUCER - GAS: 0
 OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morril
 June 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|-------------------------------|------------------------|--------------|----------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 30
30 | 179
0 | 5,355
0 | 30,110
1,640 | 1200
975 | 0
0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 179 | 5,355 | 31,750 | | | |

AVERAGE DAILY WATER INJECTION: 179
 AVERAGE TUBING PRESSURE : 1,088
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 07/18/88

PAGE 19

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMARRESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: JUNE 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 30 | 111 | 60 | 60 | 2 | 2 | 2 | 1020 | 07/01/88 |
| 2 | PRO | OIL | PR | 30 | 55 | 60 | 30 | 2 | 2 | 1 | 510 | 07/02/88 |
| 4 | PRO | OIL | PR | 30 | 55 | 60 | 59 | 4 | 3 | 2 | 510 | 07/03/88 |
| 5 | PRO | OIL | PR | 30 | 110 | 58 | 60 | 2 | 2 | 2 | 1020 | 07/05/88 |
| 6 | PRO | OIL | PR | 30 | 83 | 210 | 30 | 2 | 2 | 1 | 510 | 07/04/88 |
| 8 | PRO | OIL | PR | 30 | 55 | 90 | 30 | 3 | 4 | 1 | 340 | 07/06/88 |
| 10 | PRO | OIL | PR | 30 | 80 | 112 | 30 | 2 | 2 | 1 | 510 | 07/03/88 |
| 12 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 30 | 502 | 474 | 256 | 10 | 17 | 8 | 816 | 07/04/88 |
| 17 | PRO | OIL | PR | 30 | 121 | 417 | 63 | 3 | 12 | 2 | 680 | 07/05/88 |
| 19 | PRO | OIL | PR | 30 | 122 | 146 | 60 | 4 | 5 | 2 | 510 | 06/05/88 |
| 21 | PRO | OIL | SI | 30 | 59 | 458 | 30 | 2 | 15 | 1 | 510 | 06/09/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 30 | 59 | 90 | 30 | 2 | 3 | 1 | 510 | 06/01/88 |
| 29 | PRO | OIL | PR | 30 | 212 | 74 | 96 | 8 | 3 | 4 | 510 | 06/09/88 |
| 30 | PRO | OIL | PR | 30 | 79 | 90 | 30 | 3 | 3 | 1 | 340 | 06/01/88 |
| 31 | PRO | OIL | PR | 30 | 26 | 56 | 30 | 1 | 2 | 1 | 1020 | 06/05/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 35 | PRO | OIL | AD | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 30 | 53 | 93 | 30 | 2 | 3 | 1 | 510 | 06/04/88 |
| 43 | PRO | OIL | PR | 30 | 102 | 130 | 55 | 2 | 5 | 2 | 1020 | 07/08/88 |
| 45 | PRO | OIL | PR | 30 | 167 | 30 | 90 | 6 | 1 | 3 | 510 | 06/10/88 |
| 47 | PRO | OIL | PR | 30 | 79 | 60 | 30 | 3 | 2 | 1 | 340 | 06/11/88 |
| 51 | PRO | OIL | PR | 30 | 55 | 108 | 30 | 2 | 2 | 1 | 510 | 06/07/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | PR | 30 | 55 | 90 | 30 | 2 | 3 | 1 | 510 | 05/10/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | PR | 30 | 55 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 63 | PRO | OIL | SI | 0 | 55 | 37 | 0 | 2 | 1 | 1 | 510 | 06/08/88 |
| 67 | PRO | OIL | PR | 30 | 55 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 70 | PRO | OIL | PR | 30 | 110 | 65 | 30 | 2 | 2 | 1 | 510 | 06/06/88 |
| 72 | PRO | OIL | PR | 30 | 55 | 84 | 60 | 4 | 3 | 2 | 510 | 06/07/88 |
| 74 | PRO | OIL | PR | 30 | 28 | 90 | 30 | 1 | 3 | 1 | 510 | 06/07/88 |
| 77 | PRO | OIL | PR | 30 | 110 | 74 | 30 | 4 | 2 | 2 | 1020 | 06/08/88 |
| *TOTAL GRAYBURG-SAN ANDRES | | | | | 2653 | 3532 | 1399 | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 07/18/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG-SAN ANDRES
BUSINESS MONTH: JUNE 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|---------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
| | | | | | AVERAGE DAILY OIL PRODUCTION: | | | 88 | | | | |
| | | | | | AVERAGE DAILY WATER PRODUCTION: | | | 118 | | | | |
| | | | | | AVERAGE DAILY GAS PRODUCTION: | | | 47 | | | | |
| | | | | | ACTIVE PRODUCER - OIL: | | | 27 | | | | |
| | | | | | INACTIVE PRODUCER - OIL: | | | 9 | | | | |
| | | | | | ACTIVE PRODUCER - GAS: | | | 0 | | | | |
| | | | | | INACTIVE PRODUCER - GAS: | | | 0 | | | | |
| | | | | | OTHER PRODUCER - ? : | | | 0 | | | | |

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrill
 July 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | MTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|----------|------------------------|----------|---------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T | 31 | 165 | 5,101 | 35,211 | 2100 | 0 | A |
| | | 78 W | 31 | 0 | 0 | 1,640 | 900 | 0 | A |
| | | | | 165 | 5,101 | 36,851 | | | |

*TOTAL MALJAMAR GRAYBURG UNIT

AVERAGE DAILY WATER INJECTION: 165
 AVERAGE TUBING PRESSURE : 1,500
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 08/11/88

 PROPERTY NAME : MALJAMAR GRAYBURG UNIT
 FIELD_NAME : MALJAMAR

 RESERVOIR : GRAYBURG SAN ANDRES
 BUSINESS MONTH: JULY 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 31 | 53 | 62 | 62 | 2 | 2 | 2 | 1020 | 07/01/88 |
| 2 | PRO | OIL | PR | 31 | 53 | 62 | 31 | 2 | 2 | 1 | 510 | 07/02/88 |
| 4 | PRO | OIL | PR | 31 | 103 | 91 | 62 | 4 | 3 | 2 | 510 | 07/03/88 |
| 5 | PRO | OIL | PR | 31 | 60 | 62 | 62 | 2 | 2 | 2 | 1020 | 07/05/88 |
| 6 | PRO | OIL | PR | 31 | 56 | 77 | 31 | 2 | 2 | 1 | 510 | 07/04/88 |
| 8 | PRO | OIL | PR | 31 | 76 | 119 | 31 | 3 | 4 | 1 | 340 | 07/06/88 |
| 10 | PRO | OIL | PR | 31 | 83 | 66 | 31 | 2 | 2 | 1 | 510 | 07/03/88 |
| 12 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 31 | 425 | 521 | 248 | 10 | 17 | 8 | 816 | 07/04/88 |
| 17 | PRO | OIL | PR | 31 | 126 | 380 | 62 | 3 | 12 | 2 | 680 | 07/05/88 |
| 19 | PRO | OIL | PR | 31 | 132 | 133 | 62 | 3 | 4 | 2 | 680 | 07/10/88 |
| 21 | PRO | OIL | PR | 31 | 80 | 234 | 31 | 2 | 4 | 1 | 510 | 07/11/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 31 | 80 | 53 | 31 | 2 | 1 | 1 | 510 | 07/12/88 |
| 29 | PRO | OIL | PR | 31 | 235 | 181 | 124 | 8 | 7 | 4 | 510 | 07/10/88 |
| 30 | PRO | OIL | PR | 31 | 68 | 30 | 31 | 2 | 0 | 1 | 510 | 07/11/88 |
| 31 | PRO | OIL | PR | 31 | 29 | 22 | 31 | 1 | 0 | 1 | 1020 | 07/12/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 35 | PRO | OIL | AD | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 31 | 83 | 145 | 31 | 3 | 5 | 1 | 340 | 07/06/88 |
| 43 | PRO | OIL | PR | 31 | 72 | 148 | 62 | 2 | 5 | 2 | 1020 | 07/08/88 |
| 45 | PRO | OIL | PR | 31 | 129 | 81 | 93 | 4 | 3 | 3 | 765 | 07/07/88 |
| 47 | PRO | OIL | PR | 31 | 70 | 81 | 31 | 2 | 3 | 1 | 510 | 07/13/88 |
| 51 | PRO | OIL | PR | 31 | 74 | 38 | 31 | 3 | 1 | 1 | 340 | 07/08/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | PR | 31 | 53 | 93 | 31 | 2 | 3 | 1 | 510 | 07/07/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | PR | 31 | 53 | 31 | 31 | 2 | 1 | 1 | 510 | 07/09/88 |
| 63 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 67 | PRO | OIL | PR | 31 | 53 | 84 | 31 | 2 | 3 | 1 | 510 | 07/10/88 |
| 70 | PRO | OIL | PR | 31 | 107 | 93 | 62 | 4 | 3 | 2 | 510 | 06/07/88 |
| 72 | PRO | OIL | PR | 31 | 36 | 53 | 31 | 1 | 1 | 1 | 1020 | 07/12/88 |
| 74 | PRO | OIL | PR | 31 | 27 | 43 | 31 | 1 | 1 | 1 | 1020 | 07/13/88 |
| 77 | PRO | OIL | PR | 31 | 107 | 124 | 62 | 4 | 3 | 2 | 510 | 07/14/88 |
| *TOTAL GRAYBURG SAN ANDRES | | | | | 2523 | 3107 | 1457 | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 08/11/88

PAGE 20

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG SAN ANDRES
BUSINESS MONTH: JULY 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|

AVERAGE DAILY OIL PRODUCTION: 81
AVERAGE DAILY WATER PRODUCTION: 100
AVERAGE DAILY GAS PRODUCTION: 47

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 9
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrill
 August 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|----------|------------------------|----------|---------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T | 31 | 135 | 4,200 | 39,411 | 1200 | 0 | A |
| | | 78 W | 31 | 16 | 498 | 2,138 | 968 | 0 | A |
| | | | | 152 | 4,698 | 41,549 | | | |

AVERAGE DAILY WATER INJECTION: 152
 AVERAGE TUBING PRESSURE : 1,084
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrill
 August 1988

Foreman :

| Field | LEASE/PROPERTY | WELL NO. | Days
On | Daily Avg.
Injection
Rate | Monthly
Injection
Volume | YTD
Injection
Volume | Tubing
Pressure | Casing
Pressure | Status
A/I |
|---------------------------------------|------------------------|----------------------|------------|---------------------------------|--------------------------------|----------------------------|--------------------|--------------------|---------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 C
26 C
26 T | | | | | | | I
I
I |
| AVERAGE DAILY WATER INJECTION: 0 | | | | | | | | | |
| AVERAGE TUBING PRESSURE : | | | | | | | | | |
| TOTAL ACTIVE WELLS : 0 | | | | | | | | | |
| TOTAL INACTIVE WELLS : 3 | | | | | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 09/23/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME ...: MALJAMARRESERVOIR ...: GRAYBURG SAN ANDRES
BUSINESS MONTH: AUGUST 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 31 | 94 | 62 | 62 | 2 | 2 | 2 | 1020 | 09/04/88 |
| 2 | PRO | OIL | PR | 31 | 92 | 62 | 31 | 2 | 2 | 2 | 510 | 09/03/88 |
| 4 | PRO | OIL | PR | 31 | 94 | 180 | 62 | 2 | 5 | 2 | 1020 | 09/06/88 |
| 5 | PRO | OIL | PR | 31 | 91 | 62 | 62 | 2 | 2 | 2 | 1020 | 09/02/88 |
| 6 | PRO | OIL | PR | 31 | 47 | 92 | 31 | 2 | 2 | 1 | 510 | 09/01/88 |
| 8 | PRO | OIL | PR | 31 | 92 | 68 | 31 | 2 | 6 | 1 | 510 | 09/06/88 |
| 10 | PRO | OIL | PR | 31 | 60 | 122 | 31 | 1 | 4 | 1 | 1020 | 09/11/88 |
| 12 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 31 | 480 | 596 | 248 | 16 | 3 | 8 | 510 | 09/02/88 |
| 17 | PRO | OIL | PR | 31 | 111 | 498 | 62 | 6 | 30 | 2 | 340 | 09/06/88 |
| 19 | PRO | OIL | PR | 31 | 109 | 86 | 62 | 6 | 22 | 2 | 340 | 09/06/88 |
| 21 | PRO | OIL | PR | 31 | 60 | 267 | 31 | 3 | 17 | 1 | 340 | 09/10/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 31 | 73 | 44 | 31 | 2 | 9 | 1 | 510 | 09/12/88 |
| 29 | PRO | OIL | PR | 31 | 207 | 79 | 124 | 12 | 1 | 4 | 340 | 09/01/88 |
| 30 | PRO | OIL | PR | 31 | 57 | 161 | 31 | 2 | 1 | 1 | 510 | 09/11/88 |
| 31 | PRO | OIL | PR | 31 | 29 | 25 | 31 | 1 | 1 | 1 | 1020 | 09/06/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 31 | 74 | 129 | 31 | 3 | 3 | 1 | 340 | 09/07/88 |
| 43 | PRO | OIL | PR | 31 | 79 | 155 | 62 | 4 | 7 | 2 | 510 | 09/10/88 |
| 45 | PRO | OIL | PR | 31 | 153 | 30 | 93 | 6 | 0 | 31 | 5100 | 09/12/88 |
| 47 | PRO | OIL | PR | 31 | 57 | 71 | 31 | 1 | 3 | 1 | 1020 | 09/13/88 |
| 51 | PRO | OIL | SI | 31 | 0 | 0 | 31 | 3 | 4 | 1 | 340 | 09/12/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | PR | 31 | 47 | 117 | 31 | 2 | 8 | 1 | 510 | 09/11/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | PR | 31 | 47 | 31 | 31 | 2 | 8 | 1 | 510 | 09/10/88 |
| 63 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 67 | PRO | OIL | PR | 31 | 47 | 93 | 31 | 2 | 1 | 1 | 510 | 09/07/88 |
| 70 | PRO | OIL | PR | 31 | 94 | 93 | 62 | 2 | 1 | 2 | 1020 | 09/06/88 |
| 72 | PRO | OIL | PR | 31 | 33 | 31 | 31 | 2 | 2 | 1 | 510 | 09/05/88 |
| 74 | PRO | OIL | PR | 31 | 34 | 73 | 31 | 2 | 2 | 1 | 510 | 09/05/88 |
| 77 | PRO | OIL | PR | 31 | 82 | 101 | 62 | 4 | 3 | 2 | 510 | 09/05/88 |
| *TOTAL GRAYBURG SAN ANDRES | | | | | 2443 | 3328 | 1457 | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 09/23/88

PAGE 20

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG SAN ANDRES
BUSINESS MONTH: AUGUST 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|

AVERAGE DAILY OIL PRODUCTION: 79
AVERAGE DAILY WATER PRODUCTION: 107
AVERAGE DAILY GAS PRODUCTION: 47

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 8
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrill
 September 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|-------------------------------|------------------------|--------------|----------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 30
30 | 143
22 | 4,300
650 | 43,711
2,788 | 2050
830 | 0
0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 165 | 4,950 | 46,499 | | | |

AVERAGE DAILY WATER INJECTION: 165
 AVERAGE TUBING PRESSURE : 1,440
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 10/13/88

PAGE 18

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME ...: MALJAMARRESERVOIR ...: GRAYBURG SAN ANDRES
BUSINESS MONTH: SEPTEMBER 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 30 | 70 | 60 | 60 | 2 | 2 | 2 | 1020 | 10/01/88 |
| 2 | PRO | OIL | PR | 29 | 66 | 58 | 29 | 1 | 2 | 2 | 1020 | 10/02/88 |
| 4 | PRO | OIL | PR | 30 | 75 | 155 | 60 | 2 | 2 | 2 | 1020 | 10/03/88 |
| 5 | PRO | OIL | PR | 30 | 66 | 60 | 60 | 2 | 3 | 2 | 1020 | 10/02/88 |
| 6 | PRO | OIL | PR | 30 | 64 | 60 | 30 | 2 | 2 | 1 | 510 | 10/01/88 |
| 8 | PRO | OIL | PR | 30 | 75 | 160 | 30 | 2 | 3 | 1 | 510 | 10/03/88 |
| 10 | PRO | OIL | PR | 30 | 34 | 140 | 30 | 2 | 1 | 1 | 510 | 10/01/88 |
| 12 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 30 | 410 | 107 | 240 | 16 | 3 | 8 | 510 | 09/02/88 |
| 17 | PRO | OIL | PR | 30 | 145 | 840 | 60 | 4 | 26 | 2 | 510 | 10/04/88 |
| 19 | PRO | OIL | PR | 30 | 145 | 560 | 60 | 4 | 21 | 2 | 510 | 10/04/88 |
| 21 | PRO | OIL | PR | 30 | 69 | 510 | 30 | 2 | 16 | 1 | 510 | 10/04/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 30 | 60 | 193 | 30 | 3 | 18 | 1 | 340 | 10/04/88 |
| 29 | PRO | OIL | PR | 30 | 288 | 30 | 120 | 12 | 1 | 4 | 340 | 09/01/88 |
| 30 | PRO | OIL | PR | 30 | 48 | 90 | 30 | 1 | 3 | 1 | 1020 | 10/04/88 |
| 31 | PRO | OIL | PR | 30 | 24 | 30 | 30 | 1 | 10 | 1 | 1020 | 10/04/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 30 | 67 | 90 | 30 | 2 | 4 | 1 | 510 | 10/04/88 |
| 43 | PRO | OIL | PR | 30 | 96 | 192 | 60 | 2 | 1 | 2 | 1020 | 10/04/88 |
| 45 | PRO | OIL | PR | 30 | 144 | 0 | 622 | 6 | 0 | 31 | 5100 | 10/05/88 |
| 47 | PRO | OIL | PR | 30 | 34 | 66 | 30 | 2 | 3 | 1 | 510 | 10/04/88 |
| 51 | PRO | OIL | PR | 30 | 61 | 76 | 30 | 3 | 10 | 1 | 340 | 10/03/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | PR | 30 | 64 | 210 | 30 | 2 | 3 | 1 | 510 | 10/05/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | PR | 30 | 64 | 177 | 30 | 2 | 4 | 1 | 510 | 10/05/88 |
| 63 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 67 | PRO | OIL | PR | 24 | 51 | 24 | 24 | 1 | 4 | 1 | 1020 | 10/05/88 |
| 70 | PRO | OIL | PR | 30 | 75 | 40 | 60 | 1 | 2 | 2 | 2040 | 10/05/88 |
| 72 | PRO | OIL | PR | 30 | 64 | 56 | 30 | 1 | 3 | 1 | 1020 | 10/05/88 |
| 74 | PRO | OIL | PR | 30 | 64 | 68 | 30 | 1 | 3 | 1 | 1020 | 10/05/88 |
| 77 | PRO | OIL | PR | 30 | 128 | 90 | 60 | 2 | 2 | 2 | 1020 | 10/05/88 |
| *TOTAL GRAYBURG SAN ANDRES | | | | | 2551 | 4142 | 1935 | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 10/13/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME ...: MALJAMAR

RESERVOIR ...: GRAYBURG SAN ANDRES
BUSINESS MONTH: SEPTEMBER 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|

AVERAGE DAILY OIL PRODUCTION: 85
AVERAGE DAILY WATER PRODUCTION: 138
AVERAGE DAILY GAS PRODUCTION: 65

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 8
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrill
 October 1988

Foreman: D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | VID Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|-------------------------------|------------------------|--------------|----------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 31
31 | 134
20 | 4,154
620 | 47,865
3,408 | 1180
860 | 0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 154 | 4,774 | 51,273 | | | |

AVERAGE DAILY WATER INJECTION: 154
 AVERAGE TUBING PRESSURE : 1,020
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 11/08/88

PAGE 18

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMARRESERVOIR : GRAYBURG SAN ANDRES
BUSINESS MONTH: OCTOBER 1988

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 31 | 87 | 62 | 62 | 2 | 2 | 2 | 1020 | 10/01/88 |
| 2 | PRO | OIL | PR | 31 | 45 | 62 | 31 | 1 | 2 | 1 | 1020 | 10/02/88 |
| 4 | PRO | OIL | PR | 31 | 87 | 68 | 62 | 2 | 2 | 2 | 1020 | 10/03/88 |
| 5 | PRO | OIL | PR | 31 | 87 | 92 | 62 | 2 | 3 | 2 | 1020 | 10/02/88 |
| 6 | PRO | OIL | PR | 31 | 87 | 62 | 31 | 2 | 3 | 1 | 510 | 10/01/88 |
| 8 | PRO | OIL | PR | 31 | 87 | 99 | 31 | 2 | 3 | 1 | 510 | 10/03/88 |
| 10 | PRO | OIL | PR | 31 | 52 | 31 | 31 | 2 | 1 | 1 | 510 | 10/01/88 |
| 12 | PRO | OIL | ST | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 31 | 458 | 484 | 248 | 18 | 20 | 8 | 453 | 10/09/88 |
| 17 | PRO | OIL | PR | 31 | 110 | 818 | 62 | 4 | 26 | 2 | 510 | 10/04/88 |
| 19 | PRO | OIL | PR | 31 | 110 | 654 | 62 | 2 | 21 | 2 | 510 | 10/04/88 |
| 21 | PRO | OIL | PR | 31 | 55 | 499 | 31 | 4 | 16 | 1 | 510 | 10/04/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 31 | 76 | 531 | 31 | 3 | 18 | 1 | 340 | 10/04/88 |
| 29 | PRO | OIL | PR | 31 | 285 | 31 | 124 | 8 | 1 | 4 | 510 | 10/08/88 |
| 30 | PRO | OIL | PR | 31 | 35 | 87 | 31 | 1 | 3 | 1 | 1020 | 10/04/88 |
| 31 | PRO | OIL | PR | 31 | 32 | 283 | 31 | 1 | 10 | 1 | 1020 | 10/04/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 31 | 67 | 121 | 31 | 2 | 4 | 1 | 510 | 10/04/88 |
| 43 | PRO | OIL | PR | 31 | 70 | 49 | 62 | 2 | 1 | 2 | 1020 | 10/04/88 |
| 45 | PRO | OIL | PR | 31 | 192 | 0 | 961 | 6 | 0 | 31 | 5100 | 10/05/88 |
| 47 | PRO | OIL | PR | 31 | 61 | 93 | 31 | 2 | 3 | 1 | 510 | 10/04/88 |
| 51 | PRO | OIL | PR | 31 | 130 | 298 | 31 | 3 | 10 | 1 | 340 | 10/03/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | SI | 31 | 87 | 113 | 31 | 2 | 3 | 1 | 510 | 10/05/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | ST | 131 | 87 | 140 | 31 | 2 | 4 | 1 | 510 | 10/05/88 |
| 63 | PRO | OIL | ST | 131 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 67 | PRO | OIL | PR | 31 | 49 | 112 | 31 | 1 | 4 | 1 | 1020 | 10/05/88 |
| 70 | PRO | OIL | PR | 31 | 49 | 58 | 62 | 1 | 2 | 2 | 2040 | 10/05/88 |
| 72 | PRO | OIL | PR | 31 | 49 | 89 | 31 | 1 | 3 | 1 | 1020 | 10/05/88 |
| 74 | PRO | OIL | PR | 31 | 49 | 89 | 31 | 1 | 3 | 1 | 1020 | 10/05/88 |
| 77 | PRO | OIL | PR | 31 | 98 | 66 | 62 | 2 | 2 | 2 | 1020 | 10/05/88 |
| *TOTAL GRAYBURG SAN ANDRES | | | | | 2681 | 5091 | 2325 | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 11/08/88

PAGE 19

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME ...: MALJAMAR

RESERVOIR ...: GRAYBURG SAN ANDRES
BUSINESS MONTH: OCTOBER 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|

AVERAGE DAILY OIL PRODUCTION: 86
AVERAGE DAILY WATER PRODUCTION: 164
AVERAGE DAILY GAS PRODUCTION: 75

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 8
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

Southern Region COS Report No. 5
 Water Injection Report
 COS Nomad 13-Month Well Transaction Database
 Division: Hobbs Supervisor: C.L. Morrell
 November 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days On | Daily Avg. Injection Rate | Monthly Injection Volume | YTD Injection Volume | Tubing Pressure | Casing Pressure | Status A/I |
|-------------------------------|------------------------|--------------|----------|---------------------------|--------------------------|----------------------|-----------------|-----------------|------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 30
30 | 117
15 | 3,510
456 | 51,375
3,864 | 2050
810 | 0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 132 | 3,966 | 55,239 | | | |

AVERAGE DAILY WATER INJECTION: 132
 AVERAGE TUBING PRESSURE : 1,430
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 12/09/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD NAME : MALJAMAR

RESERVOIR : GRAYBURG SAN ANDRES
BUSINESS MONTH: NOVEMBER 1988

| WELL
NUM
(LH) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 30 | 91 | 60 | 60 | 8 | 17 | 20 | 2550 | 12/03/88 |
| 2 | PRO | OIL | PR | 30 | 88 | 60 | 30 | 2 | 3 | 1 | 510 | 12/04/88 |
| 4 | PRO | OIL | PR | 28 | 57 | 131 | 56 | 2 | 5 | 2 | 1020 | 11/04/88 |
| 5 | PRO | OIL | PR | 30 | 91 | 61 | 60 | 4 | 3 | 2 | 510 | 12/03/88 |
| 6 | PRO | OIL | PR | 27 | 55 | 54 | 27 | 2 | 2 | 1 | 510 | 12/02/88 |
| 8 | PRO | OIL | PR | 28 | 57 | 134 | 28 | 2 | 5 | 1 | 510 | 11/04/88 |
| 10 | PRO | OIL | PR | 30 | 62 | 66 | 30 | 3 | 4 | 1 | 340 | 11/19/88 |
| 12 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 30 | 464 | 516 | 240 | 18 | 17 | 8 | 453 | 11/05/88 |
| 17 | PRO | OIL | PR | 30 | 103 | 430 | 60 | 4 | 12 | 2 | 510 | 11/06/88 |
| 19 | PRO | OIL | PR | 30 | 65 | 278 | 60 | 2 | 5 | 2 | 1020 | 11/09/88 |
| 21 | PRO | OIL | PR | 30 | 52 | 309 | 30 | 2 | 7 | 1 | 510 | 11/12/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 30 | 58 | 529 | 30 | 1 | 17 | 1 | 1020 | 11/20/88 |
| 29 | PRO | OIL | PR | 30 | 275 | 55 | 120 | 6 | 2 | 4 | 680 | 11/06/88 |
| 30 | PRO | OIL | PR | 30 | 36 | 116 | 30 | 1 | 5 | 1 | 1020 | 11/18/88 |
| 31 | PRO | OIL | PR | 30 | 36 | 165 | 30 | 1 | 1 | 1 | 1020 | 11/16/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 30 | 71 | 70 | 30 | 2 | 2 | 1 | 510 | 11/06/88 |
| 43 | PRO | OIL | PR | 30 | 45 | 162 | 60 | 1 | 7 | 2 | 2040 | 11/09/88 |
| 45 | PRO | OIL | PR | 30 | 213 | 0 | 398 | 6 | 0 | 3 | 510 | 11/12/88 |
| 47 | PRO | OIL | PR | 30 | 71 | 45 | 30 | 2 | 0 | 1 | 510 | 11/16/88 |
| 51 | PRO | OIL | PR | 30 | 69 | 300 | 30 | 2 | 10 | 1 | 510 | 11/08/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | PR | 30 | 98 | 36 | 30 | 4 | 0 | 1 | 255 | 11/13/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | PR | 30 | 61 | 137 | 30 | 2 | 5 | 1 | 510 | 11/14/88 |
| 63 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 67 | PRO | OIL | PR | 30 | 92 | 40 | 30 | 4 | 0 | 1 | 255 | 11/11/88 |
| 70 | PRO | OIL | PR | 28 | 75 | 26 | 56 | 4 | 0 | 2 | 510 | 11/14/88 |
| 72 | PRO | OIL | PR | 30 | 49 | 36 | 30 | 2 | 0 | 1 | 510 | 11/13/88 |
| 74 | PRO | OIL | PR | 30 | 50 | 33 | 30 | 2 | 0 | 1 | 510 | 11/12/88 |
| 77 | PRO | OIL | PR | 30 | 46 | 60 | 60 | 1 | 2 | 2 | 2040 | 11/16/88 |
| *TOTAL GRAYBURG SAN ANDRES | | | | | 2480 | 3909 | 1705 | | | | | |

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 12/09/88

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
FIELD_NAME : MALJAMAR

RESERVOIR : GRAYBURG SAN ANDRES
BUSINESS MONTH: NOVEMBER 1988

| WELL
NUM
(LB) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|

AVERAGE DAILY OIL PRODUCTION: 83
AVERAGE DAILY WATER PRODUCTION: 130
AVERAGE DAILY GAS PRODUCTION: 57

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 8
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

2ml

Southern Region COS Report No. 5
 Water Injection Report
 COS Number 13-Month Well Transaction Database
 Division: Hobbs
 Supervisor: C.L. Morril
 December 1988

Foreman : D.R. Thomas

| Field | LEASE/PROPERTY | WELL NO. | Days
On | Daily Avg.
Injection
Rate | Monthly
Injection
Volume | YTD
Injection
Volume | Tubing
Pressure | Casing
Pressure | Status
A/I |
|-------------------------------|------------------------|--------------|------------|---------------------------------|--------------------------------|----------------------------|--------------------|--------------------|---------------|
| MALJAMAR | MALJAMAR GRAYBURG UNIT | 22 T
78 W | 31
31 | 136
14 | 4,230
425 | 55,605
4,289 | 1180
860 | 0
0 | A
A |
| *TOTAL MALJAMAR GRAYBURG UNIT | | | | 150 | 4,655 | 59,894 | | | |

AVERAGE DAILY WATER INJECTION: 150
 AVERAGE TUBING PRESSURE : 1,020
 TOTAL ACTIVE WELLS : 2
 TOTAL INACTIVE WELLS : 0

| WELL
NUM
(L8) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|----------------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|------|--------------|
| 1 | PRO | OIL | PR | 30 | 109 | 60 | 60 | 0 | 0 | 0 | 0 | 12/03/88 |
| 2 | PRO | OIL | PR | 30 | 56 | 88 | 30 | 2 | 3 | 1 | 510 | 12/04/88 |
| 4 | PRO | OIL | PR | 31 | 102 | 155 | 62 | 4 | 5 | 2 | 510 | 12/07/88 |
| 5 | PRO | OIL | PR | 31 | 111 | 91 | 62 | 4 | 3 | 2 | 510 | 12/03/88 |
| 6 | PRO | OIL | PR | 31 | 56 | 62 | 31 | 2 | 2 | 1 | 510 | 12/02/88 |
| 8 | PRO | OIL | PR | 29 | 53 | 145 | 29 | 2 | 5 | 1 | 510 | 12/06/88 |
| 10 | PRO | OIL | PR | 31 | 67 | 124 | 31 | 2 | 4 | 1 | 510 | 12/07/88 |
| 12 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 15 | PRO | OIL | PR | 31 | 500 | 552 | 248 | 16 | 18 | 8 | 510 | 12/07/88 |
| 17 | PRO | OIL | PR | 30 | 94 | 360 | 60 | 3 | 12 | 2 | 680 | 12/06/88 |
| 19 | PRO | OIL | PR | 30 | 59 | 150 | 60 | 2 | 5 | 2 | 1020 | 12/06/88 |
| 21 | PRO | OIL | PR | 30 | 33 | 444 | 30 | 1 | 16 | 1 | 1020 | 12/06/88 |
| 23 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 25 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 27 | PRO | OIL | PR | 31 | 55 | 502 | 31 | 2 | 16 | 1 | 510 | 12/07/88 |
| 29 | PRO | OIL | PR | 31 | 282 | 33 | 124 | 8 | 1 | 4 | 510 | 12/03/88 |
| 30 | PRO | OIL | PR | 29 | 34 | 145 | 29 | 1 | 5 | 1 | 1020 | 12/06/88 |
| 31 | PRO | OIL | PR | 31 | 36 | 31 | 31 | 1 | 1 | 1 | 1020 | 12/07/88 |
| 33 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 39 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 41 | PRO | OIL | PR | 30 | 69 | 85 | 30 | 2 | 3 | 1 | 510 | 12/07/88 |
| 43 | PRO | OIL | PR | 30 | 61 | 164 | 60 | 2 | 5 | 2 | 1020 | 12/08/88 |
| 45 | PRO | OIL | PR | 31 | 132 | 24 | 93 | 3 | 1 | 3 | 1020 | 12/08/88 |
| 47 | PRO | OIL | PR | 31 | 72 | 24 | 31 | 2 | 1 | 1 | 510 | 12/08/88 |
| 51 | PRO | OIL | SI | 31 | 56 | 286 | 31 | 2 | 9 | 1 | 510 | 12/08/88 |
| 53 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 57 | PRO | OIL | PR | 31 | 69 | 120 | 31 | 2 | 5 | 1 | 510 | 12/08/88 |
| 59 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 61 | PRO | OIL | SI | 31 | 56 | 59 | 31 | 2 | 1 | 1 | 510 | 12/08/88 |
| 63 | PRO | OIL | SI | 0 | 0 | 0 | 0 | N/A | N/A | N/A | N/A | N/A |
| 67 | PRO | OIL | PR | 30 | 67 | 92 | 30 | 2 | 4 | 1 | 510 | 12/08/88 |
| 70 | PRO | OIL | PR | 31 | 69 | 120 | 62 | 2 | 5 | 2 | 1020 | 12/08/88 |
| 72 | PRO | OIL | PR | 31 | 34 | 0 | 31 | 1 | 0 | 1 | 1020 | 12/08/88 |
| 74 | PRO | OIL | PR | 31 | 56 | 72 | 31 | 2 | 3 | 1 | 510 | 12/08/88 |
| 77 | PRO | OIL | PR | 31 | 50 | 86 | 62 | 2 | 3 | 2 | 1020 | 12/08/88 |
| *TOTAL GRAVBURG SAN ANDRES | | | | | 2438 | 4074 | 1441 | | | | | |

25
 11
 34

MONTHLY ALLOCATED PRODUCTION AND WELL TEST REPORT

RUN DATE: 01/12/89

PAGE 19

PROPERTY NAME : MALJAMAR GRAYBURG UNIT
WELL NAME : MALJAMAR

RESERVOIR : GRAYBURG SAN ANDRES
BUSINESS MONTH: DECEMBER 1988

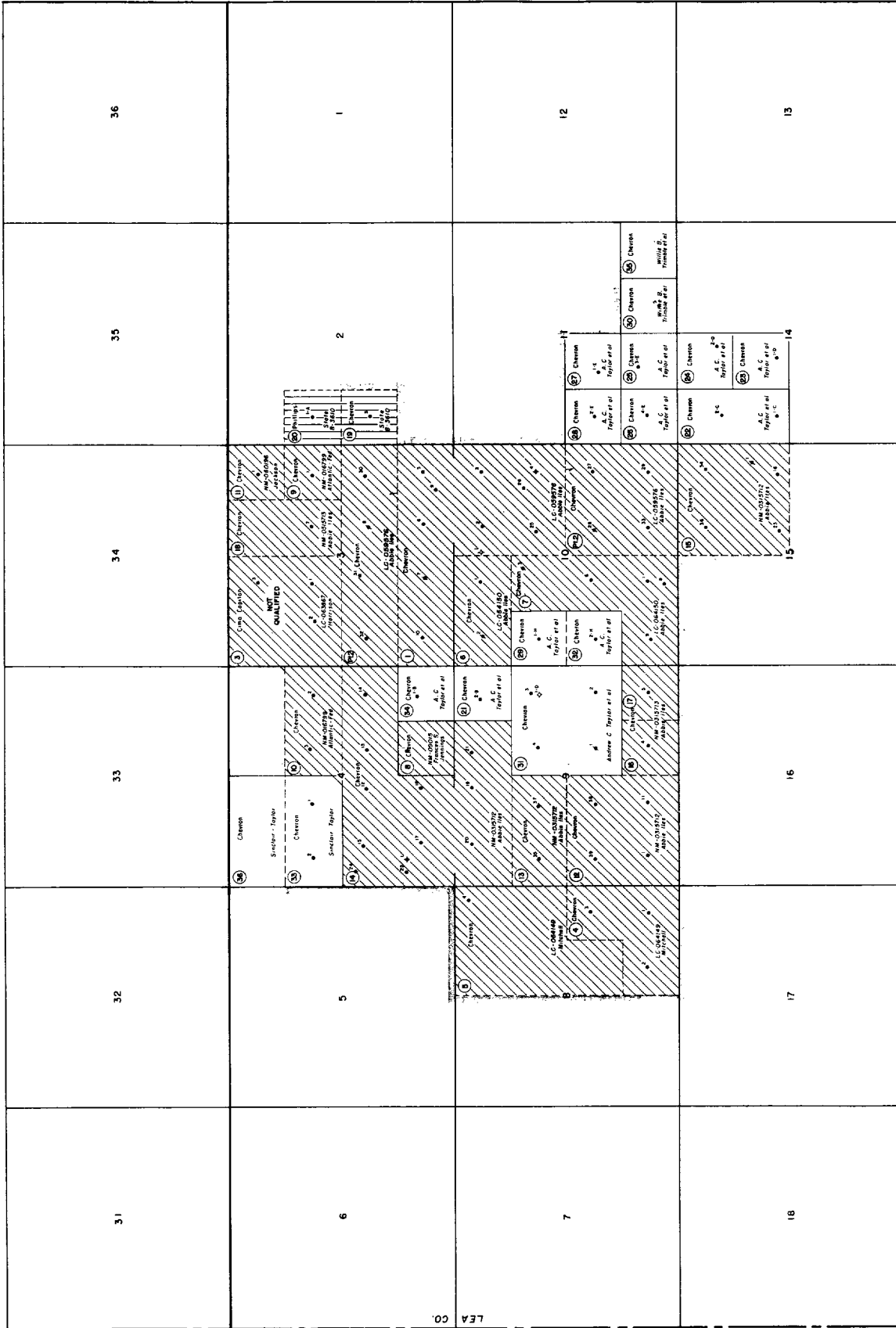
| WELL
NUM
(18) | CLASS | FLUID | WELL
STATUS | WELL
DAYS
UP | MONTHLY
OIL
PRODUCTION | MONTHLY
WATER
PRODUCTION | MONTHLY
GAS
THEORETICAL | OIL
TEST | WATER
TEST | GAS
TEST | GOR | TEST
DATE |
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|
|---------------------|-------|-------|----------------|--------------------|------------------------------|--------------------------------|-------------------------------|-------------|---------------|-------------|-----|--------------|

AVERAGE DAILY OIL PRODUCTION: 79
AVERAGE DAILY WATER PRODUCTION: 131
AVERAGE DAILY GAS PRODUCTION: 46

ACTIVE PRODUCER - OIL: 27
INACTIVE PRODUCER - OIL: 8
ACTIVE PRODUCER - GAS: 0
INACTIVE PRODUCER - GAS: 0
OTHER PRODUCER - ? : 0

R 32 E

T 17 S



LEA CO.
EDDY CO.

EXHIBIT A
MAP OF UNIT AREA
MALJAMAR GRAYBURG UNIT
LEA COUNTY, NEW MEXICO

| | | |
|--|---------------|----------------------|
| | Federal Lands | 2481.08 Acres |
| | State Lands | 80.00 Acres |
| | Fee Lands | 880.00 Acres |
| | Total | 3441.08 Acres |

EXHIBIT B (REVISED)
SCHEDULE OF OWNERSHIP OF TRACTS
MALJAMAR GRAYBURG UNIT
LEA COUNTY, NEW MEXICO
(REVISED EFFECTIVE FEBRUARY 1, 1967)

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|---|--------------|---|--------------------------------|---------------------|---|-----------------------------------|------------------------------|
| 1 | Federal Lands
T17S-R32E
(down to 4350')
Sec. 3; S/2 S/2
Sec. 10; NE 1/4 | 320 | USA-LC 059576
(Abbie Iles)
(out of LC 058150
exchange)
6-1-41 | USA-Step scale
12.5% to 32% | Chevron Oil Company | 1) Edith M. Malott,
Executrix of Estate
of James Malott,
Dec'd.
0.666667%
2) Valley National Bank
of Phoenix, Arizona,
under Trust No. 3069
0.333333%
3) Edith A. Hover
1.000000%
4) Abbie Iles Farnsworth
0.750000%
5) Wade H. Hover
0.750000% | Chevron Oil Company-
100% | 10.986659 |
| 2 | T17S-R32E
(down to 4350')
Sec. 3; N/2 S/2
Sec. 10; SE 1/4 | 320 | USA-LC 059576
(Abbie Iles)
(out of LC 058150
exchange)
6-1-41 | USA - 12.5% | Chevron Oil Company | 1) Edith M. Malott,
Executrix of Estate
of James Malott,
Dec'd.
0.666667%
2) Valley National Bank
of Phoenix, Arizona,
under Trust No. 3069
0.333333%
3) Edith A. Hover
1.000000%
4) Abbie Iles Farnsworth
0.750000%
5) Wade H. Hover
0.750000% | Chevron Oil Company-
100% | 9.093882 |

Page 2 (Revised)

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|---------------|---|--------------|---------------------------------|--|------------------------|--|--|------------------------------|
| 3 | Federal Lands
T17S-R32E | 160.29 | USA-LC 063867
1-1-45 | USA-All outside
12.5% | H. L. Brinson | R. L. Harrison
5% | (Operated By
Cima Capitan, Inc.)
Bert H. Murphy
5.6250% | 0.000000 |
| NOT QUALIFIED | Sec. 3; Lots 3
& 4 & S/2 NW/4 | | | | | H. L. Brinson
11% | Thomas F. Welch
5.6250% | NOT QUALIFIED |
| | | | | | | | Harold C. Porter
5.6250% | |
| | | | | | | | Talbot C. Wildman
1.5625% | |
| | | | | | | | Roy H. Elliott
3.1250% | |
| | | | | | | | George Westall
3.1250% | |
| | | | | | | | Charles A. Wier
1.5625% | |
| | | | | | | | Lloyd McGee
1.5625% | |
| | | | | | | | S. J. Iverson, Jr.
3.1250% | |
| | | | | | | | W. C. Davis
1.5625% | |
| | | | | | | | V. S. Welch
37.5000% | |
| | | | | | | | Otha N. Giles
10.0000% | |
| | | | | | | | Tom Boyd
20.0000% | |
| 4 | T17S-R32E
Sec. 8; S/2 SE/4;
NE/4 SE/4 | 120 | USA-LC 064149
(Mitchell) | USA-Sliding
scale under
Schedule D | Chevron Oil
Company | 1) Edith A. Hover,
1.875%
2) J. H. Morris, Agent
for Taubman Group,
3.125% | Chevron Oil Company-
100% | 2.779327 |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|---------------------------------|-----------------------------|---------------------------|--|-----------------------------------|------------------------------|
| 5 | Federal Lands
T17S-R32E
Sec. 8; NE/4;
NW/4 SE/4 | 200 | USA-LC 064149
(Mitchell) | USA - 12.5% | Chevron Oil Company | 1) Edith A. Hover, 1.875%
2) J. H. Morris, Agent for Taubman Group, 3.125% | Chevron Oil Company- 100% | 0.699140 |
| 6 | T17S-R32E
(down to 4350')
Sec. 10; N/2 NW/4 | 80 | USA-LC 064150 | USA-Step scale 12.5% to 32% | Chevron Oil Company | 1) Abbie Iles Farnsworth 0.8125%
2) Wade H. Hover 0.7500%
3) Edith A. Hover 1.8750% | Chevron Oil Company- 100% | 5.067498 |
| 7 | T17S-R32E
(down to 4350')
Sec. 10; E/2 SW/4;
SE/4 NW/4; SW/4 SW/4 | 160 | USA-LC 064150 | USA - 12.5% | Chevron Oil Company | 1) Abbie Iles Farnsworth 0.8125%
2) Wade H. Hover 0.7500%
3) Edith A. Hover 1.8750% | Chevron Oil Company- 100% | 3.629795 |
| 8 | T17S-R32E
(down to and including 4500')
Sec. 4; SW/4 SE/4 | 40 | USA-NM 09015
2-1-53 | USA - 12.5% | Chevron Oil Company | Phillip L. White 0.1136363%
Joanna D. White 0.1136363%
James T. Jennings, Jr. 0.2272727% | Chevron Oil Company- 100% | 1.951332 |
| 9 | T17S-R32E
(down to 4549')
Sec. 3; SE/4 NE/4 | 40 | USA-NM 016799
2-1-55 | USA-Schedule B 12.5% to 25% | The Atlantic Refining Co. | The Atlantic Refining Co. 5.46875% | Chevron Oil Company- 100% | 1.248253 |
| 10 | T17S-R32E
(down to 4549')
Sec. 4; S/2 NE/4 | 80 | USA-NM 016799
2-1-55 | USA-Schedule B 12.5% to 25% | The Atlantic Refining Co. | The Atlantic Refining Co. 5.46875% | Chevron Oil Company- 100% | 2.984673 |

Page 4 (Revised)

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|---|--------------|---------------------------------|-----------------------------|---|--|-----------------------------------|------------------------------|
| 11 | Federal Lands
T17S-R32E
(down to 4505')
Sec. 3; Lot 1
(NE/4 NE/4) | 40.41 | USA-NM 060196
11-1-59 | USA - 12.5% | Delaware-Apache Corporation 50%
Gulf Oil Corporation 50% | Bonnie R. Etz 2.343750%
Annie Mae Jackson 0.781250%
J. L. McGrew 2.734375% | Chevron Oil Company- 100% | 0.266046 |
| 12 | T17S-R32E
Sec. 9; SW/4 | 160 | USA-NM 0315712
6-1-41 | USA-Step Scale 12.5% to 32% | Chevron Oil Company | 1)Edith M. Malott, Executrix of Estate of James Malott, Dec'd. 0.666667%
2)Valley National Bank of Phoenix, Arizona, under Trust No. 3069 0.333333%
3)Edith A. Hover 1.000000%
4)Abbie Iles Farnsworth 0.750000%
5)Wade H. Hover 0.750000% | Chevron Oil Company- 100% | 1.213296 |
| 13 | T17S-R32E
Sec. 9; S/2 NW/4 | 80 | USA-NM 0315712
6-1-41 | USA - 12.5% | Chevron Oil Company | 1)Edith M. Malott, Executrix of Estate of James Malott, Dec'd. 0.666667%
2)Valley National Bank of Phoenix, Arizona, under Trust No. 3069 0.333333%
3)Edith A. Hover 1.000000%
4)Abbie Iles Farnsworth 0.750000%
5)Wade H. Hover 0.750000% | Chevron Oil Company 100% | 2.893236 |

Page 5 (Revised)

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|---|--------------|---------------------------------|--------------------------------|---------------------|---|-----------------------------------|------------------------------|
| 14 | Federal Lands
T17S-R32E
(down to 4350')
Sec. 4; N/2 S/2;
S/2 SW/4
Sec. 9; N/2 NW/4;
NW/4 NE/4 | 360 | USA-NM 0315712
6-1-41 | Outside
USA - 12.5% | Chevron Oil Company | 1)Edith M. Malott,
Executrix of Estate
of James Malott,
Dec'd. 0.666667%
2)Valley National Bank
of Phoenix, Arizona
under Trust No. 3069
0.333333%
3)Edith A. Hover
1.000000%
4)Abbie Iles Farnsworth
0.750000%
5)Wade H. Hover
0.750000%
6)Philip L. White
0.113636%
7)Joanna D. White
0.113636%
8)James T. Jennings, Jr.
0.227272% | Chevron Oil Company-
100% | 15.607313 |
| 15 | Federal Lands
T17S-R32E
(down to 4350')
Sec. 15; NE/4 | 160 | USA-NM 0315712
6-1-41 | Outside
USA - 12.5% | Chevron Oil Company | 1)Edith M. Malott,
Executrix of Estate
of James Malott,Dec'd.
0.666667%
2)Valley National Bank
of Phoenix, Arizona,
under Trust No. 3069
0.333333%
3)Edith A. Hover
1.000000%
4)Abbie Iles Farnsworth
0.750000%
5)Wade H. Hover
0.750000% | Chevron Oil Company-
100% | 4.846713 |
| 16 | T17S-R32E
Sec. 9; SW/4 SE/4
(down to 4350') | 40 | USA-NM 0315713
6-1-41 | USA-Step Scale
12.5% to 32% | Chevron Oil Company | 1)Abbie Iles Farnsworth
0.8125%
2)Wade H. Hover
0.7500%
3)Edith A. Hover
1.8750% | Chevron Oil Company-
100% | 1.237140 |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-------------------|---|-----------------------------------|--------------------------------------|---|----------------------------|--|--|------------------------------|
| 17 | Federal Lands
T17S-R32E
(down to 4350')
Sec. 9; SE/4 SE/4 | 40 | USA-NM 0315713
6-1-41 | USA - Outside
12.5% | Chevron Oil Company | 1)Abbie Iles Farnsworth 0.8125%
2)Wade H. Hover 0.7500%
3)Edith A. Hover 1.8750% | Chevron Oil Company-
100% | 1.634538 |
| 18 | T17S-R32E
(down to 4350')
Sec. 3; Lot 2
SW/4 NE/4 | 80.3 | USA-NM 0315713
6-1-41 | USA - 12.5% | Chevron Oil Company | Abbie Iles Farnsworth 0.750000%
Wade H. Hover 0.750000% | Chevron Oil Company-
100% | 1.865628 |
| 18 Federal Tracts | | 2481 Acres or 72.10% of Unit Area | | | | | | |
| 19 | State Lands
T17S-R32E
(down to 5000')
Sec. 2; NW/4 SW/4 | 40 | New Mexico State
Lease No. B-3610 | Commissioner of Public Lands,
State of New Mexico - 12.5% | Phillips Petroleum Company | | Chevron Oil Company-
100% | 1.310289 |
| 20 | T17S-R32E
Sec. 2; SW/4 NW/4 | 40 | New Mexico State
Lease No. B-3610 | Commissioner of Public Lands,
State of New Mexico - 12.5% | Phillips Petroleum Company | | Phillips Petroleum Company - 100% | 1.667772 |
| 2 State Tracts | | 80 Acres or 2.32% of Unit Area | | | | | | |
| 21 | Fee Lands
T17S-R32E
(down to and including Lovington Sand)
Sec. 9; NE/4 NE/4 | 40 | 1)Andrew C. Taylor et al
Lease | 1)Zachary L. Taylor 5.664063%
1)Ella Belle Holeman 2.832031%
1)Bette Taylor 2.832031% | Chevron Oil Company | | Chevron Oil Company-
96.09375%
Unleased-
3.90625% | 0.638510 |

Page 7 (Revised)

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|-----------------------------|--------------|--|---|---------------------|-------------------------------------|-----------------------------------|------------------------------|
| 21 | Fee Lands | | | | | | | |
| (Contd) | | | | | | | | |
| | | | 2)Albuquerque National Bank, Tr. Lease | 2)Albuquerque National Bank, Tr. 0.271260% | Chevron Oil Company | | | |
| | | | 3)Selma E. Andrews Lease | 3)Selma E. Andrews 0.314677% | Chevron Oil Company | | | |
| | | | | 4)J. H. Campbell | Unleased | | | |
| | | | | 0.390625%* | | | | |
| | | | 5)Bank of California Trustee Lease | 5)Bank of California, Tr. 0.146484% | Chevron Oil Company | | | |
| | | | 6)David Bond Kyte Lease | 6)David Bond Kyte 0.146484%** | Unleased | | | |
| | | | 7)Marilee I. Kyte Lease | 7)Marilee I. Kyte 0.292969% | Chevron Oil Company | | | |
| 22 | T17S-R32E Sec. 14; W/2 NW/4 | 80 | 1)Andrew C. Taylor et al Lease | 1)Zachary L. Taylor 2.929688% | Chevron Oil Company | | Chevron Oil Company- 96.875% | 2.729213 |
| | | | | 1)Ella Belle Holeman 1.464844% | | | Unleased- | |
| | | | | 1)Bette Taylor 1.464844% | | | 3.125% | |
| | | | | 2)J. H. Campbell | Unleased | | | |
| | | | | 0.390625%* | | | | |
| | | | 3)Gardner Pet. Co. Lease No. 2 | 3)Dorothy Dell Graeber 1.041667% | Chevron Oil Company | | | |
| | | | | 3)Reading & Bates offshore Drilling Co.-3.645833% | | | | |
| | | | 4)Bob Bradshaw Lease | 4&5)Kiska Oil Co. 1.562500% | Chevron Oil Company | | | |
| | | | 5)Kiska Oil Co. Lease | | | | | |

*1/8 of Unleased Interest
 **3/16 of Unleased Interest

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|---|---|---------------------|-------------------------------------|-----------------------------------|------------------------------|
| 23 | Fee Lands
T17S-R32E
Sec. 14; SE/4 NW/4 | 40 | 1) Andrew C. Taylor et al Lease | 1) Zachary L. Taylor
2.929688%
1) Ella Belle Holeman
1.464844%
1) Bette Taylor
1.464844% | Chevron Oil Company | | Chevron Oil Company-
100% | 1.165292 |
| | | | 2) Albuquerque National Bank, Tr. Lease | 2) Albuquerque National Bank, Tr.
0.271260% | Chevron Oil Company | | | |
| | | | 3) Selma E. Andrews Lease | 3) Selma E. Andrews
0.314677% | Chevron Oil Company | | | |
| | | | 4) Gardner Pet. Co. Lease | 4) Dorothy Dell Graeber
1.041667% | Chevron Oil Company | | | |
| | | | | 4) Reading & Bates
3.645833% | | | | |
| | | | 5) Bob Bradshaw Lease | 5&6) Kiska Oil Co.
1.562500% | Chevron Oil Company | | | |
| | | | 6) Kiska Oil Co. Lease | | | | | |
| 24 | T17S-R32E
Sec. 14; NE/4 NW/4 | 40 | 1) Andrew C. Taylor et al Lease | 1) Zachary L. Taylor
6.250000%
1) Ella Belle Holeman
3.125000%
1) Bette Taylor
3.125000% | Chevron Oil Company | | Chevron Oil Company-
100% | 0.612943 |
| 25 | T17S-R32E
(to base of Lovington Sand)
Sec. 11; SE/4 SW/4 | 40 | 1) Andrew C. Taylor et al Lease | 1) Zachary L. Taylor
3.125000%
1) Ella Belle Holeman
1.562500%
1) Bette Taylor
1.562500% | Chevron Oil Company | | Chevron Oil Company-
100% | 1.199194 |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|--|---|---------------------|-------------------------------------|-----------------------------------|------------------------------|
| 25 | <u>Fee Lands</u> | | | | | | | |
| (Cont'd) | | | | | | | | |
| | | | 2) Gardner Pet. Co. | 2) Dorothy Dell Graeber 3.125% | Chevron Oil Company | | | |
| | | | 3) Kiska Oil Co. Lease | 2) Reading & Bates 1.562500% | Chevron Oil Company | | | |
| | | | 4) Bob Bradshaw Lease | 3) Kiska Oil Co. 0.781250% | Chevron Oil Company | | | |
| | | | | 4) Bob Bradshaw 0.781250% | Chevron Oil Company | | | |
| 26 | T17S-R32E (to base of Lovington Sand) Sec. 11; SW/4 SW/4 | 40 | 1) A. C. Taylor et al Lease | 1) Zachary L. Taylor 5.859375% | Chevron Oil Company | | Chevron Oil Company - 100% | 1.790614 |
| | | | | 1) Ella Belle Holeman 2.929687% | | | | |
| | | | | 1) Bette Taylor 2.929688% | | | | |
| | | | 2) J. W. Wilkinson son Lease | 2) J. W. Wilkinson Chevron Oil Company 0.390625% | | | | |
| | | | 3) Cash Ramey Lease | 3) Cash Ramey 0.390625% | | | | |
| 27 | T17S-R32E (to base of Lovington Sand) Sec. 11; NE/4 SW/4 | 40 | 1) A. C. Taylor et al Lease | 1) Zachary L. Taylor 5.664063% | Chevron Oil Company | | Chevron Oil Company - 100% | 2.271466 |
| | | | | 1) Ella Belle Holeman 2.832031% | | | | |
| | | | | 1) Bette Taylor 2.832031% | | | | |
| | | | 2) Albuquerque National Bank Tr. Lease | 2) Albuquerque Chevron Oil Company National Bank, Tr. under Will of F. A. Andrews, Dec'd. 0.180840% | | | | |
| | | | | 3) Selma E. Andrews Lease No. 2 0.209785% | | | | |
| | | | 4) Bruce Sullivan Lease | 4) Bruce Sullivan, Jr. 0.7812500% | | | | |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|---|--|---------------------|-------------------------------------|--|------------------------------|
| 28 | Fee Lands
T17S-R32E
(down to base of Lovington Sand)
Sec. 11; NW/4 SW/4 | 40 | 1) A. C. Taylor et al Lease | 1) Zachary L. Taylor
5.664063% | Chevron Oil Company | | Chevron Oil Company-
96.875%
Unleased-
3.125% | 1.901217 |
| | | | | 1) Ella Belle Holean
2.832031% | | | | |
| | | | | 1) Bette Taylor
2.832031% | | | | |
| | | | 2) Albuquerque National Bank, Trustee Lease | 2) Albuquerque Nat'l Bk, Tr.
0.180840% | Chevron Oil Company | | | |
| | | | 3) Selma E. Andrews Lease | 3) Selma E. Andrews
0.209785% | Chevron Oil Company | | | |
| | | | Unleased | J. H. Campbell
0.390625%** | Unleased | | | |
| | | | 4) Bruce Sullivan Lease | 4) Bruce Sullivan, Jr.
0.390625% | Chevron Oil Company | | | |
| 29 | T17S-R32E
(down to base of Lovington Sand)
Sec. 10; SW/4 NW/4 | 40 | 1) A.C. Taylor et al Lease | 1) Zachary L. Taylor
5.664063% | Chevron Oil Company | | Chevron Oil Company-
96.875%
Unleased-
3.125% | 0.005767 |
| | | | | 1) Ella Belle Holean
2.832031% | | | | |
| | | | | 1) Bette Taylor
2.832031% | | | | |
| | | | 2) Albuquerque National Bank, Tr. Lease | 2) Albuquerque National Bank, Trustee under Will of F. A. Andrews, Dec'd.
0.271260% | Chevron Oil Company | | | |
| | | | Unleased | J. H. Campbell
0.390625%** | Unleased | | | |
| | | | 3) Selma E. Andrews Lease | 3) Selma E. Andrews
0.314677% | Chevron Oil Company | | | |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|---------------|---|--------------|--|---|---------------------|--------------------------------------|-----------------------------------|------------------------------|
| 29
(Contd) | Fee Lands | | | | | | | |
| | | | 4) Fern Sullivan *
Lease | 4) The Bank of Calif., N.A.,
Trustee
0.0976562%
4) David Bond
Kyte
0.0976562%
4) Mariee I. Kyte
0.1953125% | Chevron Oil Company | 4) Bruce Sullivan, Jr.
0.1953125% | | |
| 30 | T-17S-R32E
(down to base
of Lovington Sand)
Sec. 11; SW/4 SE/4 | 40 | 1) Willie B.
Trimble et
al Lease | 1) A. W. Adkisson
2.1484375%
1) Charles O.
Trimble, Adm.
of Est. of
Elizabeth
Trimble, Decd.
2.1484375%
1) Marshall &
Winston
1.171875%
1) John R. Trimble
1.171875%
1) Donald Winston,
Trustee
1.171875%
1) Dale Ray Trimble
1.171875%
1) Ralph A. Shugart,
whose wife is Rena
0.390625%
2) R. T. Jones,
whose wife is
Amalee
2.343750%
3) W. L. Hahn,
whose wife is
Eva
0.781250% | Chevron Oil Company | | Chevron Oil Company -
100% | 0.291367 |
| | | | 2) R. T. Jones
Lease | | Chevron Oil Company | | | |
| | | | 3) W. L. Hahn
Lease | | Chevron Oil Company | | | |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|--|---|---------------------|-------------------------------------|-----------------------------------|------------------------------|
| 31 | Fee Lands
T17S-R32E
(to base of Lovington Sand)
Sec. 9; N/2 SE/4;
S/2 NE/4 | 160 | 1) A. C. Taylor et al Lease 2-5-38 (11/16) | 1) Zachary L. Taylor 4.296875% | Chevron Oil Company | | Chevron Oil Company- 100% | 3.598073 |
| | | | 2) Frank E. Miller Lease; 2-5-38 (1/8 royalty) (lease covers 1/32 M.I.) | 2) Mary Ann Berliner 0.130208%
2) Frank William Yates 0.130208%
2) Julia Miller Burnham 0.130208% | Chevron Oil Company | | | |
| | | | 3) Constance E. Byers Lease, 2 Miles Road, Austin, Texas (3/16 royalty) (lease covers 1/32 M.I.) | 3) Constance E. Byers 0.585938% | Chevron Oil Company | | | |
| | | | 4) H. H. Baish Lease (1/8 royalty) (1/32 M.I.) | 4) Ruth E. Baish 0.390625% | Chevron Oil Company | | | |
| | | | 5) Gardner Pet. Co.; 1-27-60 (3/16 int., 1/8 royalty) | 5) Dorothy Dell Graeber 0.7812500%
5) Reading & Bates Offshore Drilling Co. 2.3436% | Chevron Oil Company | | | |
| | (down to base of San Andres Formation only) | | 6) Bob Bradshaw Lease 4-4-60 (1/32 M.I., 1/8 royalty) | 6) Kiska Oil Co. 0.390625% | Chevron Oil Company | | | |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|--|--|--|-------------------------------------|-----------------------------------|------------------------------|
| 32 | Fee Lands
T17S-R32E
Sec. 10; NW/4 SW/4 | 40 | 1) A. C. Taylor et al Lease (29/32)

2) Sabine Royalty Corporation | 1) Zachary L. Taylor
5.664063%
1) Ella Belle Holeman
2.832031%
1) Bette Taylor
2.832031%
2) Sabine Royalty Corp.
0.781200%
2) David Bond Kyte
0.195300%
2) The Bank of Calif., N.A., San Francisco, Calif., Trustee under Declaration of Trust by Betty Kyte Dresser, dated 12-23-58
0.195300%
*2) Mariee I. Kyte
0.390600%
3) Albuquerque National Bank, Trustee under Will of F. A. Andrews, Dec'd.
0.271260%
4) Selma E. Andrews
0.314677% | Chevron Oil Company | | Chevron Oil Company-100% | 1.651771 |
| 33 | T17S-R-32E
(down to 4295.1)
Sec. 4; S/2 NW/4 | 80 | 1) Nellie E. Taylor Lease 12-15-55
2) H. D. Taylor Lease; 12-15-55 | 1) Nellie E. Taylor
2.343750%
2) Bette Taylor
0.585937%
2) Ella Belle Holeman
0.585937% | Chevron Oil Company
Chevron Oil Company | Sinclair Oil & Gas Co. - 4.785156% | Chevron Oil Company-100% | 5.274075 |

*Non-participating royalty interest; executive rights owned by Sabine Royalty Corporation.

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|----------------|-------------|--------------|--|--|---------------------|--|-----------------------------------|------------------------------|
| 33
(Cont'd) | Fee Lands | | | | | | | |
| | | | 3) Zack Taylor Lease 12-15-55 | 3) Zack Taylor & wife, Willie 1.171875% | Chevron Oil Company | | | |
| | | | 4) G. C. O'Connor 11-14-59 | 4) Louella Jean O'Connor Fuller 0.7812500% | Chevron Oil Company | 4) Louella Jean O'Connor Fuller - 0.3417969% | | |
| | | | | 4) Perry O'Connor 0.7812500% | | 4) Perry O'Connor 0.3417968% | | |
| | | | 5) Robert N. Teas 4-14-60 | 5) Robert N. Teas, a bachelor 0.781250% | Chevron Oil Company | | | |
| | | | 6) Rachel Anderson Hogg 4-14-60 | 6) Rachel A. Hogg 0.390625% | Chevron Oil Company | | | |
| | | | 7) Martha Teas Hendricks et al 4-14-60 | 7) Martha Teas Hendricks 0.0976563% | Chevron Oil Company | | | |
| | | | | 7) Joe Lydick, Ind. Exec. of Est. of Tallie Teas Lydick, Dec'd. 0.0976562% | | | | |
| | | | 8) Augustus Francis Livengood 4-17-60 | 8) Augustus Francis Livengood, Dec'd. 0.065104% | Chevron Oil Company | | | |
| | | | 9) Thomas C. Livengood 4-17-60 | 9) Thomas Clifton Livengood, Dec'd. 0.065104% | Chevron Oil Company | | | |
| | | | 10) A. Riggs Livengood 4-27-60 | 10) A. Riggs Livengood, a bachelor Dec'd. 0.065104% | Chevron Oil Company | | | |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|----------------|--|--------------|--|---|---------------------|-------------------------------------|-----------------------------------|------------------------------|
| 33
(Cont'd) | <u>Fee Lands</u> | | | | | | | |
| | 11) Selma E. Andrews & Albuquerque Nat'l Bank, Tr. under Will of F. A. Andrews | | 3-25-60 | 11) Selma E. Andrews
0.839141% | Chevron Oil Company | Selma E. Andrews
0.367121% | | |
| | 12) Sabine Royalty Corporation | | 3-25-60 | 11) Albuquerque Nat'l Bank, Tr., under Will of Frank A. Andrews
0.723359% | Chevron Oil Company | Albuquerque Nat'l Bank
0.316470% | | |
| | 13) Mary Anne Berliner et al | | 11-14-59 | 12) Sabine Royalty Corp.
3.12500% | Chevron Oil Company | | | |
| | | | | 13) Julia Miller Burnham
0.520833% | Chevron Oil Company | Julia Miller Burnham
0.227865% | | |
| | | | | 13) Frank William Yates
0.520833% | | Frank William Yates
0.227865% | | |
| | | | | 13) Mary Anne Berliner
0.520833% | | Mary Anne Berliner
0.227865% | | |
| 34 | TL7S-R32E
(down to base of Lovington Sand)
Sec. 4; SE/4 SE/4 | 40 | 1) A. C. Taylor et al
2-5-38
(29/32) | 1) Zachary L. Taylor
5.664063% | Chevron Oil Company | | Chevron Oil Company-
93.750% | 1.034783 |
| | | | | 1) Ella Belle Holeman
2.832031% | | | Unleased-
6.250% | |
| | | | | 1) Bette Taylor
2.832031% | | | | |
| | 2) Albuquerque National Bank, Tr. Lease | | | 2) Albuquerque Nat'l Bank, Trustee under Will of F. A. Andrews, Dec'd.
0.271260% | Chevron Oil Company | | | |
| | | | | 3) Selma E. Andrews
0.314677% | Chevron Oil Company | | | |
| | Unleased | | | Heirs of Max W. Coll, Dec'd.
0.390625%* | Unleased | | | |
| | Unleased | | | J. H. Campbell
0.390625%* | Unleased | | | |

| Tract No. | Description | No. of Acres | Serial No. and/or Date of Lease | Royalty Owner and Amount | Lessee of Record | Overriding Royalty Owner and Amount | Working Interest Owner and Amount | Per Cent Tract Participation |
|-----------|--|--------------|---|---|--|---|-----------------------------------|------------------------------|
| 35 | Fee Lands
T17E-R32E
(down to Lovington Sand)
Sec. 11; SE 1/4 SE 1/4 | 40 | 1)Willie B. Trimble
1-12-38
(all min.) | 1)Charles O. Trimble, Adm. of Est. of Elizabeth Trimble, Dec'd.
3.125000%
1)Donald Winston, Tr.
1.171900%
1)Marshall & Winston, Inc.
1.171900%
1)William S. Marshall
0.781250%
1)John R. Trimble
1.562500%
1)Dale Ray Trimble
1.562500%
1)A. W. Adkisson
3.12500% | Chevron Oil Company | Chevron Oil & Gas Co. - 4.785156% | Chevron Oil Company - 100% | 1.29 1/83 |
| 36 | T17S-R32E
(down to 5000')
Sec. 4; N/2 NW/4 | 80 | 1)Nellie E. Taylor Lease
12-15-55
2)H. D. Taylor Lease
12-15-55
3)Zack Taylor Lease
12-15-55
4)G. C. O'Connor
11-14-59
5)Robert N. Teas
4-14-60
6)Rachel Anderson Hogg
4-14-60 | 1)Nellie E. Taylor
3.125000%
2)Bette Taylor
0.781250%
2)Ella Belle Holean
0.781250%
3)Zack Taylor & wife, Willie
1.562500%
4)Louella Jean O'Connor Fuller
0.781250%
4)Perry O'Connor
0.7812500%
5)Robert N. Teas a bachelor
0.781250%
6)Rachel A. Hogg
0.390625% | Chevron Oil Company
Chevron Oil Company | Sinclair Oil & Gas Co. - 4.785156% | Chevron Oil Company - 100% | 3.559002 |
| | | | | | | Louella Jean O'Connor Fuller - 0.3417969% | | |
| | | | | | | Perry O'Connor
0.3417969% | | |

| RECAPITULATION - MALJAMAR GRAYBURG UNIT AREA | | |
|--|------------------|---------------|
| 18 Federal Tracts | 2,481 Acres | 72.10% |
| 2 State Tracts | 80 Acres | 2.32% |
| <u>16 Fee Tracts</u> | <u>880 Acres</u> | <u>25.58%</u> |
| 36 Tracts | 3,441 Acres | 100.00% |

QUALITY PRODUCTION CORP.

NMCCD

300 West Texas, Suite 408
Midland, Texas 79701
(915) 688-5155
FAX (915) 688-5137

207 W. McKay
Carlsbad, New Mexico 88220
(505) 885-5433
FAX (505) 885-4989

Post Office Box 250
Hobbs, New Mexico 88241-0250
FEB 23 1 40 PM '94
(505) 894-2747
FAX (505) 393-4111
BUREAU OF LAND MGMT
ROSWELL DISTRICT

February 22, 1994

3506

CERTIFIED MAIL RETURN RECEIPT REQUESTED
P 083 922 534

Mr. Gary Gourley
Bureau of Land Management
1717 W. Second Street
Roswell, NM 88201

Re: The Wiser Oil Company
Maljamar Grayburg Unit
Plan of Development and Operations

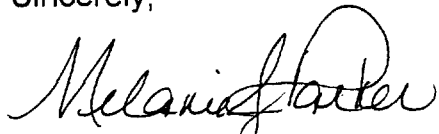
Dear Mr. Gourley:

This letter is in reference to the reminder letter which we received from Tony Ferguson dated December 28, 1993, concerning the Plan of Development and Operations for the Maljamar Grayburg Unit for 1993/1994. Enclosed is the original and four copies of the Plan of Development and Operations, a map showing the current status of all wells, a production/injection volume graph through 1991, and a production/injection volume spreadsheet with cumulatives through 1993.

As we discussed in our telephone conversation earlier today all the production from the Unit is from the Grayburg and San Andres formations.

Please advise if we need to furnish any additional information or copies of this report.

Sincerely,


Melanie J. Parker

/mp

Enclosures

APPROVED

MAR 3 1994

ANTHONY L. FERGUSON
BUREAU OF LAND MANAGEMENT

**THE WISER OIL COMPANY
MALJAMAR GRAYBURG UNIT**

**PLAN OF DEVELOPMENT AND OPERATIONS
1993 - 1994**

In 1993 The Wiser Oil Company drilled two 20-acre infill producing wells, Maljamar Grayburg Unit No. 93, SW/4 SE/4 Section 3 T17S R32E and Maljamar Grayburg Unit No. 95, NW/4 NE/4 Section 10 T17S R32E. Also drilled were two replacement water injection wells, Maljamar Grayburg Unit No. 150, NW/4 SE/4 Section 3 T17S R32E and Maljamar Grayburg Unit No. 151, NW/4 NE/4 Section 10 T17S R32E. Wells No. 6 and 51 were converted from producers to water injection wells. P & A'd Well No. 11 was re-entered and completed as a water injection well. Well No. 12 was activated and converted to a water injection well. The existing tank battery was re-built. The existing waterflood plant was re-conditioned and expanded. Injection was initiated into Wells No. 6, 11, 12, 51, 150 and 151 January 18, 1994.

Plans for 1994 include drilling six 20-acre infill producing wells, Nos. 85, 86, 92, 96, 106 and 107. Wells No. 8, 10, 17, 19, 21 and 53 will be converted to water injection wells and P & A'd Wells No. 13, 16, 18, 20, 54 and 56 will be re-entered and completed as water injection wells. Injection will be initiated into these wells in 1994. The attached map shows the location of these wells.

000000

PRODUCTION

Mallamar Grayburg Unit #1

| | Cum Thru 12/92 | | | 1/93 | | | 2/93 | | | 3/93 | | |
|-------|----------------|---------|---------|------|-------|-----|------|-------|-----|------|-------|-----|
| | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas |
| #1 | 93405 | 20966 | 58505 | 24 | 35 | 1 | 20 | 30 | 2 | 18 | 20 | 1 |
| #2 | 91684 | 53591 | 11626 | 235 | 175 | 12 | 195 | 150 | 10 | 226 | 167 | 15 |
| #4 | 29293 | 18694 | 10432 | 73 | 175 | 4 | 60 | 120 | 3 | 70 | 134 | 5 |
| #5 | 73638 | 10370 | 180602 | 61 | 88 | 3 | 39 | 59 | 3 | 58 | 83 | 4 |
| #6 | 137982 | 100060 | 28020 | 58 | 39 | 3 | 48 | 33 | 3 | 56 | 38 | 4 |
| #8 | 164244 | 436683 | 53046 | 73 | 175 | 4 | 60 | 150 | 3 | 70 | 166 | 5 |
| #10 | 141168 | 109099 | 36002 | 96 | 102 | 5 | 80 | 87 | 4 | 93 | 98 | 6 |
| #12 | 255482 | 278926 | 66009 | | | | | | | | | |
| #15 | 198264 | 178677 | 176298 | 291 | 1052 | 15 | 241 | 900 | 13 | 280 | 99 | 19 |
| #17 | 202912 | 230635 | 75611 | 121 | 543 | 6 | 101 | 465 | 5 | 117 | 516 | 8 |
| #19 | 123468 | 38021 | 23512 | 68 | 182 | 4 | 56 | 156 | 3 | 65 | 173 | 4 |
| #21 | 120839 | 118034 | 311824 | 64 | 136 | 3 | 53 | 116 | 3 | 62 | 129 | 4 |
| #22 | 19544 | 12839 | 4014 | | 3430 | | | 2872 | | | 3052 | |
| #23 | 41421 | 286895 | 32317 | | | | | | | | | |
| #25 | 86108 | 389312 | 104277 | | | | | | | | | |
| #27 | 126072 | 210446 | 109267 | 63 | 175 | 3 | 52 | 150 | 3 | 61 | 166 | 4 |
| #29 | 104523 | 57832 | 165520 | 73 | 35 | 4 | 60 | 30 | 3 | 70 | 33 | 5 |
| #30 | 33494 | 64596 | 40850 | 91 | 351 | 5 | 75 | 300 | 5 | 88 | 333 | 6 |
| #31 | 36246 | 44729 | 44597 | 91 | 351 | 5 | 75 | 300 | 5 | 88 | 333 | 6 |
| #35 | 91504 | 384262 | 31884 | | | 0 | | | | | | |
| #39 | 112569 | 174486 | 129296 | | | 0 | | | | | | |
| #41 | 87318 | 113186 | 116205 | 73 | 140 | 4 | 60 | 120 | 4 | 70 | 133 | 5 |
| #43 | 98966 | 198580 | 61103 | 61 | 217 | 3 | 48 | 318 | 3 | 56 | 353 | 6 |
| #45 | 97761 | 14264 | 186958 | 96 | 181 | 5 | 80 | 155 | 5 | 93 | 172 | 6 |
| #47 | 119614 | 39782 | 63867 | 23 | 34 | 1 | 20 | 30 | 3 | 15 | 18 | 1 |
| #51 | 279270 | 573743 | 50747 | 68 | 290 | 3 | 57 | 248 | 3 | 66 | 276 | 4 |
| #53 | 43153 | 29744 | 30286 | | | | | | | | | |
| #57 | 108184 | 81751 | 22159 | 73 | 140 | 3 | 60 | 120 | 4 | 70 | 133 | 5 |
| #59 | 92617 | 271328 | 44795 | | | | | | | | | |
| #61 | 45614 | 16693 | 37251 | 64 | 204 | 2 | 42 | 137 | 4 | 8 | 25 | 1 |
| #63 | 14127 | 22766 | 3143 | | | | | | | | | |
| #67 | 83409 | 41333 | 32936 | 73 | 140 | 4 | 61 | 120 | 5 | 70 | 133 | 4 |
| #70 | 61728 | 23932 | 33686 | 54 | 34 | 3 | 47 | 30 | 3 | 54 | 34 | 4 |
| #72 | 59904 | 41401 | 130156 | 23 | 35 | 1 | 20 | 30 | 3 | 11 | 12 | 1 |
| #74 | 29492 | 35099 | 47939 | 62 | 204 | 2 | 53 | 168 | 3 | 62 | 194 | 5 |
| #77 | 46283 | 58558 | 85181 | 58 | 209 | 3 | 45 | 167 | 3 | 56 | 200 | 5 |
| #78 | 4062 | 14539 | 686 | | 2012 | | | 1817 | | | 2019 | |
| #93 | | | | | | | | | | | | |
| #95 | | | | | | | | | | | | |
| #150 | | | | | | | | | | | | |
| #151 | | | | | | | | | | | | |
| Total | 3555362 | 4795852 | 2640607 | 2210 | 5442 | 111 | 1808 | 4689 | 111 | 2053 | 4171 | 143 |

PRODUCTION

Maljamar Grayburg Unit #1

| | 4/93 | | | 5/93 | | | 6/93 | | | 7/93 | | | 8/93 | | |
|-------|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|-----|
| | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas |
| #1 | 18 | 22 | 2 | 16 | 18 | 2 | 18 | 16 | 1 | 19 | 20 | 1 | 22 | 12 | 1 |
| #2 | 199 | 152 | 10 | 199 | 139 | 7 | 206 | 113 | 7 | 218 | 143 | 7 | 275 | 97 | 6 |
| #4 | 66 | 130 | 4 | 62 | 111 | 2 | 68 | 97 | 2 | 67 | 114 | 2 | 85 | 77 | 2 |
| #5 | 55 | 82 | 3 | 51 | 70 | 22 | 53 | 57 | 2 | 56 | 71 | 2 | 71 | 48 | 2 |
| #6 | 53 | 36 | 4 | 49 | 31 | 2 | 51 | 25 | 3 | 52 | 30 | 2 | 68 | 21 | 2 |
| #8 | 66 | 163 | 3 | 62 | 139 | 2 | 68 | 121 | 3 | 67 | 143 | 2 | 85 | 97 | 2 |
| #10 | 87 | 95 | 4 | 82 | 81 | 3 | 90 | 71 | 3 | 89 | 83 | 3 | 112 | 56 | 3 |
| #12 | | | | | | | | | | | | | | | |
| #15 | 255 | 946 | 13 | 239 | 808 | 9 | 273 | 729 | 9 | 260 | 826 | 8 | 318 | 543 | 7 |
| #17 | 106 | 489 | 5 | 103 | 432 | 4 | 114 | 376 | 4 | 108 | 427 | 3 | 137 | 290 | 3 |
| #19 | 62 | 170 | 4 | 58 | 145 | 2 | 64 | 126 | 2 | 63 | 148 | 2 | 79 | 101 | 2 |
| #21 | 56 | 122 | 4 | 54 | 108 | 2 | 60 | 94 | 2 | 57 | 107 | 2 | 75 | 75 | 2 |
| #22 | | 3576 | | | 3333 | | | 3115 | | | 2871 | | | 2350 | |
| #23 | | | | | | | | | | | | | | | |
| #25 | | | | | | | | | | | | | | | |
| #27 | 55 | 158 | 3 | 53 | 139 | 3 | 59 | 121 | 2 | 56 | 138 | 2 | 74 | 97 | 2 |
| #29 | 66 | 33 | 3 | 62 | 28 | 3 | 68 | 24 | 2 | 67 | 29 | 2 | 85 | 19 | 2 |
| #30 | 82 | 326 | 4 | 77 | 278 | 3 | 85 | 243 | 3 | 78 | 265 | 2 | 103 | 187 | 2 |
| #31 | 82 | 326 | 4 | 77 | 278 | 3 | 85 | 243 | 3 | 75 | 255 | 2 | 103 | 187 | 2 |
| #35 | | | | | | | | | | | | | | | |
| #39 | | | | | | | | | | | | | | | |
| #41 | 66 | 130 | 4 | 62 | 111 | 2 | 68 | 97 | 2 | 65 | 110 | 2 | 85 | 77 | 2 |
| #43 | 53 | 346 | 4 | 49 | 295 | 2 | 55 | 257 | 2 | 52 | 292 | 2 | 68 | 205 | 2 |
| #45 | 87 | 169 | 4 | 82 | 144 | 3 | 90 | 126 | 3 | 83 | 137 | 3 | 109 | 97 | 3 |
| #47 | 106 | 142 | 6 | 103 | 125 | 4 | 114 | 109 | 4 | 112 | 128 | 4 | 142 | 87 | 3 |
| #51 | 62 | 270 | 3 | 56 | 223 | 2 | 60 | 188 | 2 | 63 | 236 | 2 | 80 | 160 | 2 |
| #53 | | | | | | | | | | | | | | | |
| #57 | 66 | 130 | 3 | 62 | 111 | 3 | 64 | 91 | 2 | 67 | 114 | 3 | 85 | 77 | 2 |
| #59 | | | | | | | | | | | | | | | |
| #61 | 8 | 25 | | 7 | 21 | | 8 | 19 | | 8 | 24 | | 10 | 14 | |
| #63 | | | | | | | | | | | | | | | |
| #67 | 66 | 130 | 3 | 62 | 111 | 3 | 65 | 91 | 2 | 67 | 114 | 2 | 85 | 78 | 2 |
| #70 | 40 | 26 | 2 | 47 | 28 | 3 | 50 | 23 | 2 | 52 | 30 | 3 | 65 | 19 | 1 |
| #72 | 12 | 13 | 2 | 11 | 11 | | 14 | 10 | | 13 | 12 | | 15 | 7 | |
| #74 | 58 | 189 | 3 | 54 | 162 | 3 | 55 | 127 | 2 | 60 | 166 | 3 | 74 | 113 | 2 |
| #77 | 53 | 196 | 3 | 47 | 168 | 3 | 49 | 131 | 2 | 53 | 165 | 2 | 65 | 113 | 1 |
| #78 | | 1440 | | | 982 | | | 610 | | | 1456 | | | 1535 | |
| #93 | | | | | | | | | | | | | | | |
| #95 | | | | | | | | | | | | | 475 | 931 | 29 |
| #150 | | | | | | | | | | | | | | | |
| #151 | | | | | | | | | | | | | | | |
| Total | 1985 | 5016 | 107 | 1886 | 4315 | 97 | 2054 | 3725 | 71 | 2027 | 4327 | 68 | 3050 | 3885 | 89 |

PRODUCTION

Maljamar Grayburg Unit #1

| | 9/93 | | | 10/93 | | | 11/93 | | | 12/93 | | | TOTAL 1993 | | |
|-------|------|-------|-----|-------|-------|------|-------|-------|------|-------|-------|-----|------------|---------|------|
| | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas | Oil | Water | Gas |
| #1 | 21 | 18 | 1 | 20 | 16 | 7 | 18 | 19 | 7 | 18 | 16 | 4 | 232 | 242 | 30 |
| #2 | 259 | 137 | 17 | 245 | 122 | 90 | 222 | 142 | 91 | 223 | 127 | 50 | 2702 | 1664 | 322 |
| #4 | 80 | 109 | 5 | 76 | 98 | 28 | 69 | 113 | 28 | 69 | 101 | 15 | 845 | 1379 | 100 |
| #5 | 67 | 68 | 5 | 63 | 61 | 23 | 57 | 71 | 23 | 58 | 63 | 13 | 689 | 821 | 105 |
| #6 | 41 | 19 | 3 | 61 | 27 | 23 | 26 | 15 | 11 | 55 | 28 | 12 | 618 | 342 | 72 |
| #8 | 80 | 137 | 5 | 76 | 122 | 28 | 69 | 142 | 28 | 69 | 127 | 15 | 845 | 1682 | 100 |
| #10 | 106 | 79 | 7 | 100 | 71 | 37 | 91 | 82 | 37 | 88 | 71 | 20 | 1114 | 976 | 132 |
| #12 | | | | | | | | | | | | | | | |
| #15 | 321 | 820 | 22 | 303 | 735 | 112 | 275 | 850 | 112 | 241 | 663 | 54 | 3297 | 8971 | 393 |
| #17 | 134 | 423 | 9 | 126 | 380 | 46 | 115 | 439 | 47 | 115 | 393 | 26 | 1397 | 5173 | 166 |
| #19 | 75 | 142 | 5 | 71 | 127 | 26 | 64 | 147 | 26 | 64 | 132 | 14 | 789 | 1749 | 94 |
| #21 | 71 | 106 | 5 | 67 | 95 | 25 | 61 | 110 | 25 | 61 | 98 | 14 | 741 | 1296 | 91 |
| #22 | | 3653 | | | 4326 | | | 4687 | | | 3536 | | | 40801 * | |
| #23 | | | | | | | | | | | | | | | |
| #25 | | | | | | | | | | | | | | | |
| #27 | 70 | 137 | 5 | 66 | 122 | 24 | 58 | 137 | 24 | 60 | 127 | 13 | 727 | 1667 | 88 |
| #29 | 80 | 27 | 5 | 76 | 24 | 28 | 64 | 26 | 26 | 69 | 25 | 15 | 840 | 333 | 98 |
| #30 | 97 | 264 | 7 | 95 | 245 | 35 | 86 | 283 | 35 | 86 | 254 | 19 | 1043 | 3329 | 126 |
| #31 | 100 | 273 | 7 | 95 | 245 | 35 | 86 | 283 | 35 | 86 | 254 | 19 | 1043 | 3328 | 126 |
| #35 | | | | | | | | | | | | | | | |
| #39 | | | | | | | | | | | | | | | |
| #41 | 70 | 95 | 5 | 76 | 98 | 28 | 69 | 113 | 28 | 69 | 101 | 15 | 833 | 1325 | 101 |
| #43 | 64 | 290 | 4 | 61 | 260 | 23 | 51 | 280 | 21 | 55 | 269 | 12 | 673 | 3382 | 84 |
| #45 | 106 | 141 | 7 | 100 | 127 | 37 | 91 | 147 | 37 | 91 | 131 | 20 | 1108 | 1727 | 133 |
| #47 | 129 | 119 | 9 | 126 | 110 | 46 | 115 | 127 | 47 | 115 | 114 | 26 | 1120 | 1143 | 154 |
| #51 | 76 | 226 | 5 | 71 | 203 | 26 | | | | | | | 659 | 2320 | 52 |
| #53 | | | | | | | | | | | | | | | |
| #57 | 80 | 109 | 5 | 76 | 98 | 28 | 69 | 113 | 28 | 69 | 101 | 15 | 841 | 1337 | 101 |
| #59 | | | | | | | | | | | | | | | |
| #61 | 9 | 21 | 1 | 9 | 18 | 3 | 8 | 22 | 3 | 8 | 19 | 2 | 0 | 549 | 0 |
| #63 | | | | | | | | | | | | | | | |
| #67 | 78 | 106 | 5 | 76 | 98 | 28 | 69 | 113 | 28 | 69 | 101 | 15 | 841 | 1335 | 101 |
| #70 | 59 | 26 | 3 | 58 | 24 | 21 | 53 | 28 | 22 | 51 | 25 | 11 | 630 | 327 | 78 |
| #72 | 14 | 11 | 1 | 13 | 9 | 5 | 12 | 11 | 5 | 12 | 10 | 3 | 170 | 171 | 21 |
| #74 | 71 | 159 | 4 | 64 | 142 | 24 | 59 | 159 | 24 | 63 | 147 | 15 | 735 | 1930 | 90 |
| #77 | 64 | 164 | 4 | 61 | 147 | 23 | 55 | 170 | 22 | 55 | 154 | 12 | 661 | 1984 | 83 |
| #78 | | 2030 | | | 895 | | | 1029 | | | 1561 | | | 17386 * | |
| #93 | 214 | 364 | 14 | 653 | 540 | 242 | 555 | 582 | 228 | 599 | 558 | 136 | 2021 | 2044 | 620 |
| #95 | 535 | 1639 | 36 | 452 | 857 | 167 | 413 | 992 | 169 | 414 | 888 | 93 | 2289 | 5307 | 494 |
| #150 | | | | | | | | | | | | | | | |
| #151 | | | | | | | | | | | | | | | |
| Total | 3171 | 6229 | 211 | 3436 | 5221 | 1268 | 2980 | 5716 | 1217 | 3032 | 5097 | 678 | 29692 | 57833 | 4171 |

PRODUCTION

Maljamar Grayburg Unit #1

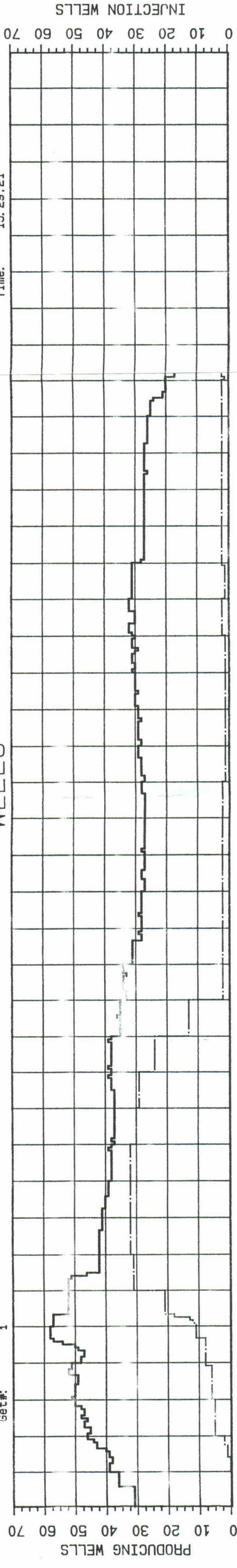
| | | Cum Thru 12/93 | | |
|-------|--|----------------|--------------|------------|
| | | <u>Oil</u> | <u>Water</u> | <u>Gas</u> |
| #1 | | 93637 | 21208 | 58535 |
| #2 | | 94386 | 55255 | 11948 |
| #4 | | 30138 | 20073 | 10532 |
| #5 | | 74327 | 11191 | 180707 |
| #6 | | 138600 | 100402 | 28092 |
| #8 | | 165089 | 438365 | 53146 |
| #10 | | 142282 | 110075 | 36134 |
| #12 | | 255482 | 278926 | 66009 |
| #15 | | 201561 | 187648 | 176691 |
| #17 | | 204309 | 235808 | 75777 |
| #19 | | 124257 | 39770 | 23606 |
| #21 | | 121580 | 119330 | 311915 |
| #22 | | 19544 | 12839 | 4014 |
| #23 | | 41421 | 286895 | 32317 |
| #25 | | 86108 | 389312 | 104277 |
| #27 | | 126799 | 212113 | 109355 |
| #29 | | 105363 | 58165 | 165618 |
| #30 | | 34537 | 67925 | 40976 |
| #31 | | 37289 | 48057 | 44723 |
| #35 | | 91504 | 384262 | 31884 |
| #39 | | 112569 | 174486 | 129296 |
| #41 | | 88151 | 114511 | 116306 |
| #43 | | 99639 | 201962 | 61187 |
| #45 | | 98869 | 15991 | 187091 |
| #47 | | 120734 | 40925 | 64021 |
| #51 | | 279929 | 576063 | 50799 |
| #53 | | 43153 | 29744 | 30286 |
| #57 | | 109025 | 83088 | 22260 |
| #59 | | 92617 | 271328 | 44795 |
| #61 | | 45803 | 17242 | 37267 |
| #63 | | 14127 | 22766 | 3143 |
| #67 | | 84250 | 42668 | 33037 |
| #70 | | 62358 | 24259 | 33764 |
| #72 | | 60074 | 41572 | 130177 |
| #74 | | 30227 | 37029 | 48029 |
| #77 | | 46944 | 60542 | 85264 |
| #78 | | 4062 | 14539 | 686 |
| #93 | | 2021 | 2044 | 620 |
| #95 | | 2289 | 5307 | 494 |
| #150 | | | | |
| #151 | | | | |
| Total | | 3585054 | 4853685 | 2644778 |

* Injection Volume 1993

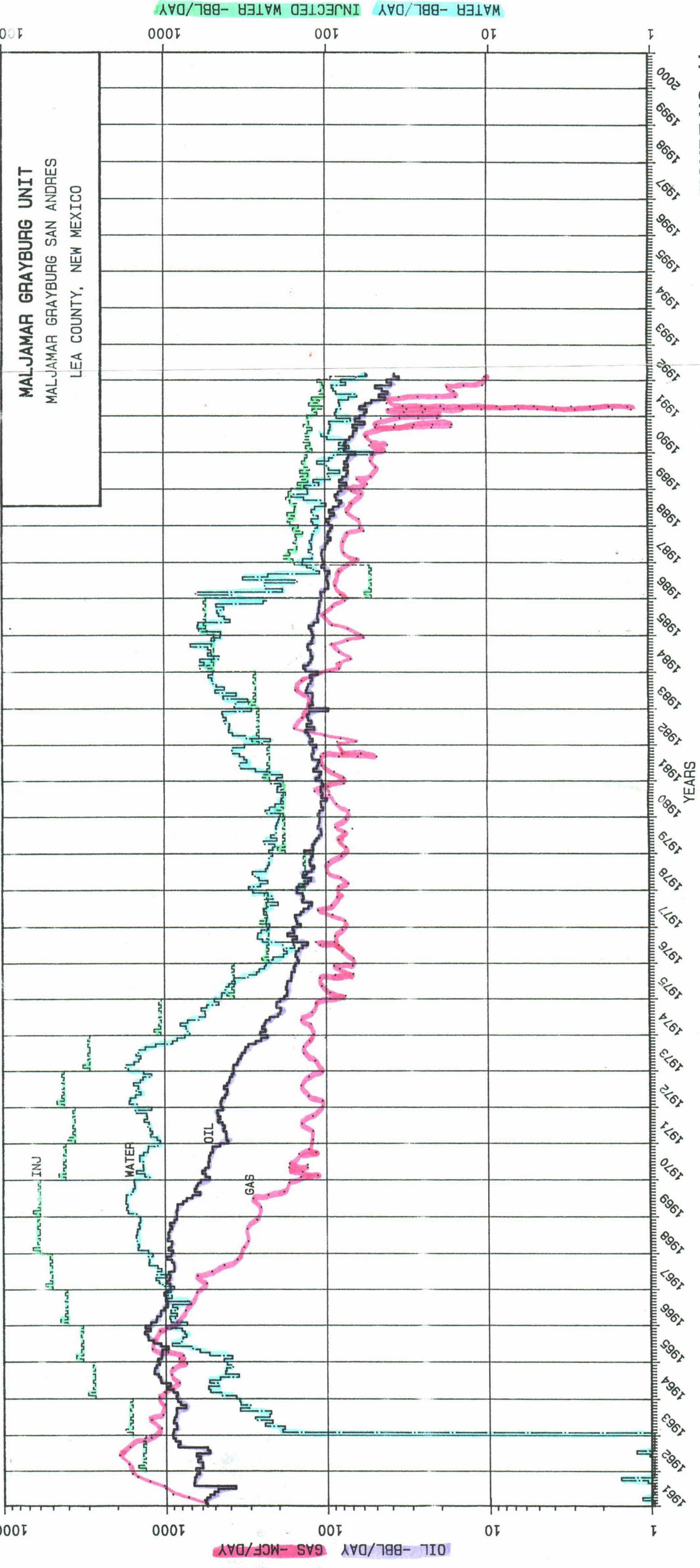
Date: 05/15/92
Time: 15:29.21

WELLS

File: DAY.DSF
Get#:



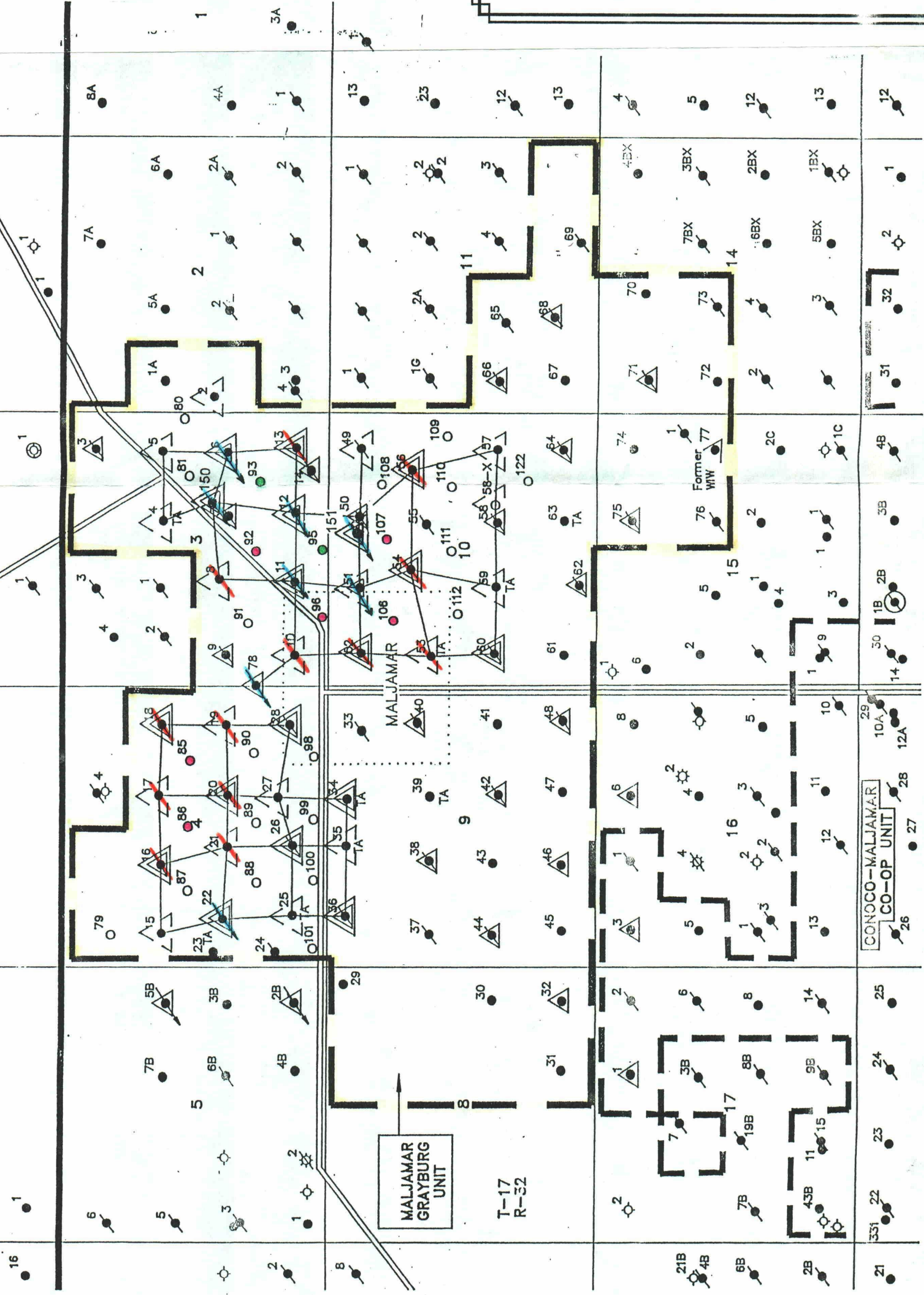
PRODUCTION



MALJAMAR GRAYBURG UNIT
MALJAMAR GRAYBURG SAN ANDRES
LEA COUNTY, NEW MEXICO

FIGURE NO. 11

32 33 34 35 36



NMOCD

**REDEVELOPMENT PLAN
PHASE 1 AND PHASE II
(1993-1996)**

THE WISER OIL COMPANY
MALJAMAR GRAYBURG UNIT
MALJAMAR (GRAYBURG SAN ANDRES) FIELD
LEA COUNTY, NEW MEXICO

- | | |
|--------------------|--|
| ● Producer | ○ Proposed Producer Location |
| ▲ Shut In Injector | ▲ Proposed Injector Conversion/Re-Entry 1994 |
| ▲ Active Injector | ● 1993 20-Ac Infill Producer |
| | ● 1994 20-Ac Infill Producer |

DATA SHEET
STANDARD OIL COMPANY OF TEXAS
MALJAMAR-GRAYBURG WATERFLOOD PROJECT

| | |
|------------------|-----------------|
| <u>Formation</u> | Grayburg |
| Composition | Dolomitic Sands |
| Average Depth | 4050' |
| Structure | Anticline |

| | | | | |
|-------------------|------------------------------|------------------------------|---------------------------------|---------------------------|
| <u>Unit Area</u> | No. of
Producing
Wells | No. of
Injection
Wells | Undeveloped
40-Acre
Units | Total
40-Acre
Units |
| Standard of Texas | 55 | 21 | 8 | 81 |
| Cima Capitan | 3 | - | 1 | 4 |
| Phillips | 1 | 0 | 0 | 1 |
| | <u>59</u> | <u>21</u> | <u>9</u> | <u>86</u> |

Area: 3441 Acres

Injection Data

Source No. 1: Fresh water supplied by Company operated water well (NE NE SE Section 1, T-17-S, R-32-E) producing from Tertiary sands at 270 feet. This water is furnished to Section 10 (Unit B) waterflood plant.

Source No. 2: Fresh water purchased from Double-Eagle Corporation of New Mexico. Water is furnished at Section 4 (Unit K) plant.

Source No. 3: Currently 760 bbls. of produced water per day are being injected in five injection wells. The five injection wells are:

1. Iles Federal #2 (Section 10 Unit B) - 100 BWPd
2. Iles Federal #5 (Section 3 Unit P) - 150 BWPd
3. Iles Federal #8 (Section 3 Unit J) - 125 BWPd
4. Iles X Federal #2 (Section 10 Unit D) - 200 BWPd
5. Iles X Federal #3 (Section 10 Unit F) - 185 BWPd

The current water production in the Unit Area is 950 BWPd. As more produced water becomes available additional wells will be converted to the produced water injection system. All produced water is injected down tubing and under packers. The produced water is scavenged, filtered and inhibited before injection.

Water Analyses: All data in Mg/liter

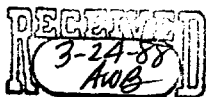
| | <u>Source 1</u> | <u>Source 2</u> | <u>Source 3</u> |
|------------------|-----------------|-----------------|-----------------|
| Ph | 7.1 | 7.3 | 7.5 |
| CO ₂ | 17.0 | 16.0 | 14.0 |
| O ₂ | 7.5 | 9.5 | 0 |
| H ₂ S | 0 | 0 | 12 |

| | <u>Source 1</u> | <u>Source 2</u> | <u>Source 3</u> |
|-------------------|-----------------|-----------------|-----------------|
| SiO ₂ | 0.2 | 0.3 | 4.3 |
| HCO ₃ | 180 | 190 | 260 |
| Cl | 26 | 26 | 35,500 |
| CaCO ₃ | 190 | 180 | 11,000 |
| Ca | 47 | 48 | 2,525 |
| Mg | 17 | 14 | 1,125 |
| SO ₄ | 25 | 20 | 3,350 |
| Fe | 0.08 | 0.06 | 0.1 |
| Solids | 300 | 300 | 62,200 |

Present Injection Rate 4800 BWPD
 Anticipated Injection Rate
 After Expansion 8000 BWPD
 Present Injection Pressure 300-2700 psig
 Cumulative Water Injected (11-1-66) 4,496,000 bbls.

STANDARD OIL COMPANY OF TEXAS
MALJAMAR-GRAYBURG WATERFLOOD
WELLS TO BE ADDED TO PROJECT AREA
BY PROPOSED EXPANSION

| <u>Lease</u> | <u>Well</u> | <u>Unit</u> | <u>Section</u> | <u>Requested Allowable</u> |
|--------------------|-------------|-------------|----------------|----------------------------|
| Iles Federal | 1 | M | 9-17-32 | 2 |
| Iles Federal | 11 | N | 9-17-32 | Input |
| Iles Federal | 38 | K | 9-17-32 | 11 |
| Iles Federal | 39 | L | 9-17-32 | Input |
| Iles X Federal | 4 | O | 9-17-32 | 3 |
| Jackson Federal | 1 | A | 3-17-32 | Input |
| Mitchell | 1 | P | 8-17-32 | Input |
| Mitchell | 2 | O | 8-17-32 | 3 |
| Mitchell | 3 | I | 8-17-32 | T.A. |
| A. C. Taylor "C" | 1 | E | 14-17-32 | 11 |
| A. C. Taylor "D" | 1 | F | 14-17-32 | T.A. |
| Phillips State "A" | 1 | E | 2-17-32 | Input |



#3506

1987 Report of Operations
1988 Plan of Development

The Maljamar Grayburg Unit was formed 5/59 and contains 3280 acres. Water injection commenced in 1962 and was discontinued on a field wide basis in 1975. At present Chevron operates 2 injectors in the north part of the unit and Conoco operates 2 injectors in the south part of the unit.

1987 Operations

One workover was performed in this unit in 1987.

MGU #6 - The well was cleaned out and had new pay perforated at 4150-56 and 4164-67. This new pay and the existing zone were treated with 500 gallons Petrosol X-25 and acidized with 8000 gallons 15% NEFE acid.

1988 Planned Operations

Chevron has no plans for development for this unit in 1988.

Plan of Development
APPROVED

MAR 21 1988

Joe D. Larr
Asst. DISTRICT MANAGER
BUREAU OF LAND MANAGEMENT

1987 Report of Operations
1988 Plan of Development

The Maljamar Grayburg Unit was formed 5/59 and contains 3280 acres. Water injection commenced in 1962 and was discontinued on a field wide basis in 1975. At present Chevron operates 2 injectors in the north part of the unit and Conoco operates 2 injectors in the south part of the unit.

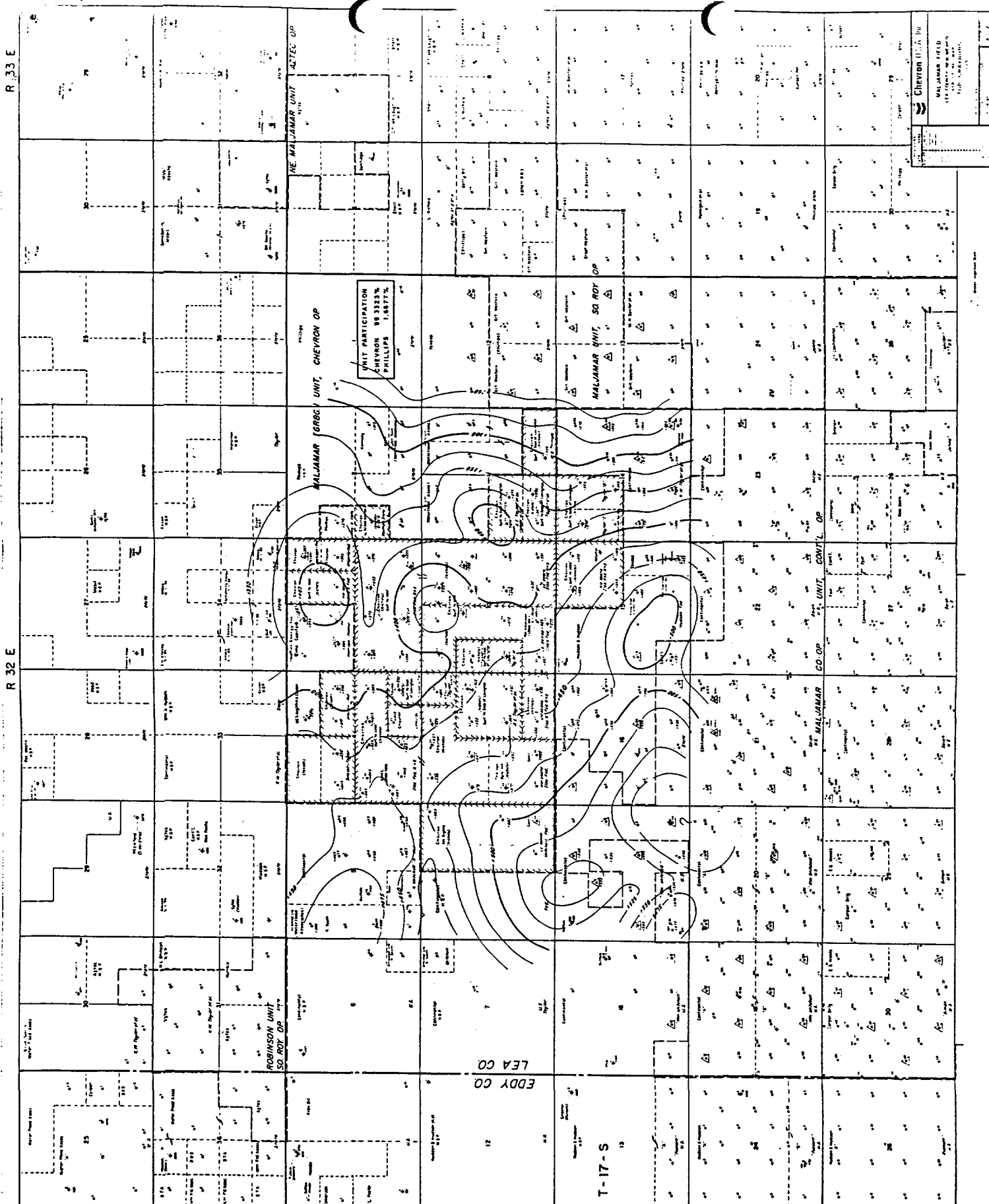
1987 Operations

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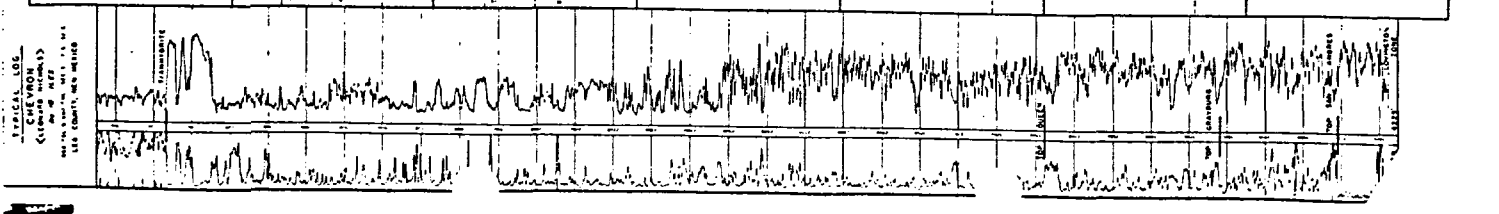
1988 Planned Operations

Chevron has no plans for development for this unit in 1988.



Chevron U.S.A. Inc.
MALJAMAR UNIT
100% OWNED AND OPERATED
BY CHEVRON U.S.A. INC.

UNIT PARTICIPATION
CHEVRON 98.3323%
PHILLIPS 1.6677%

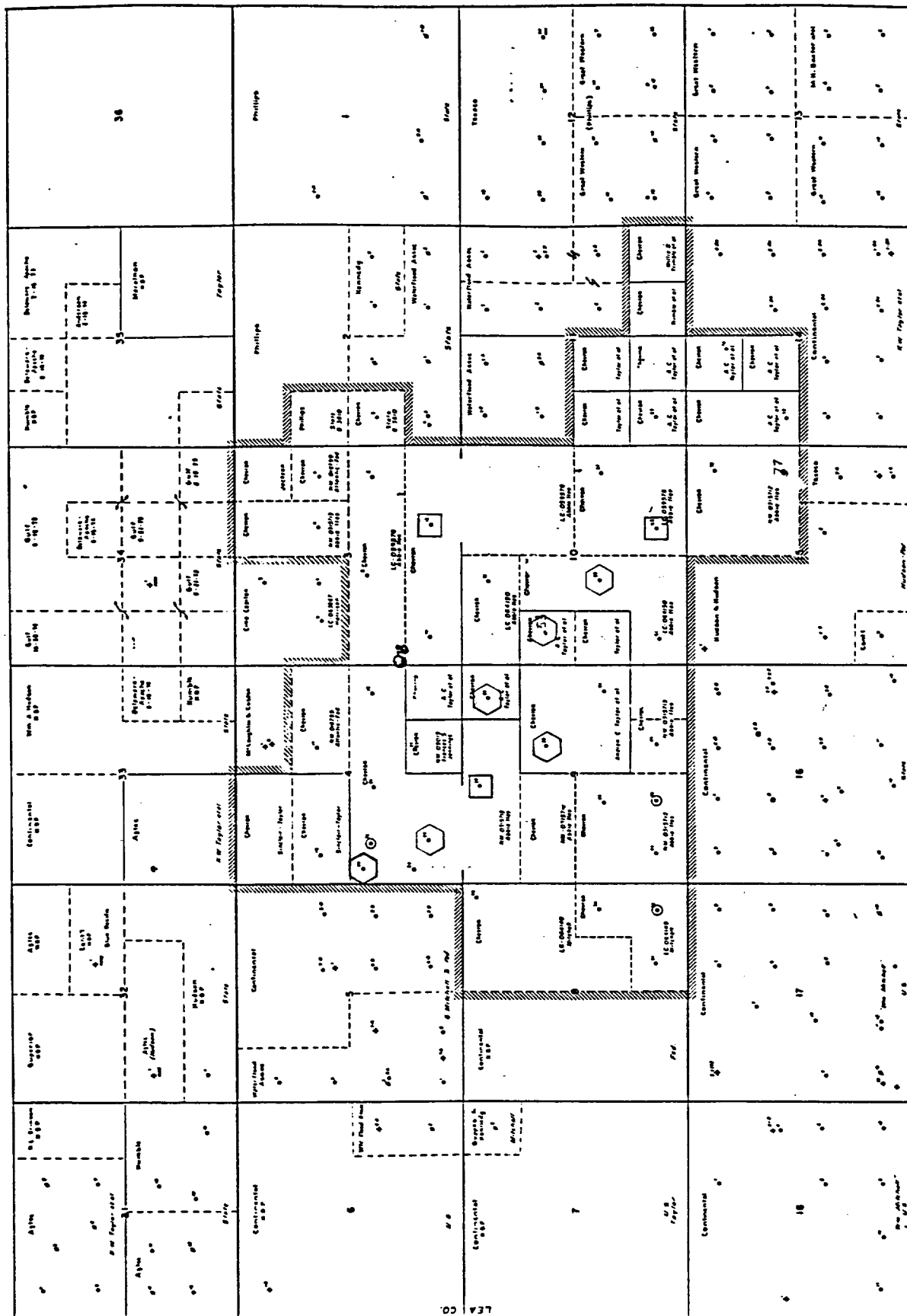


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C

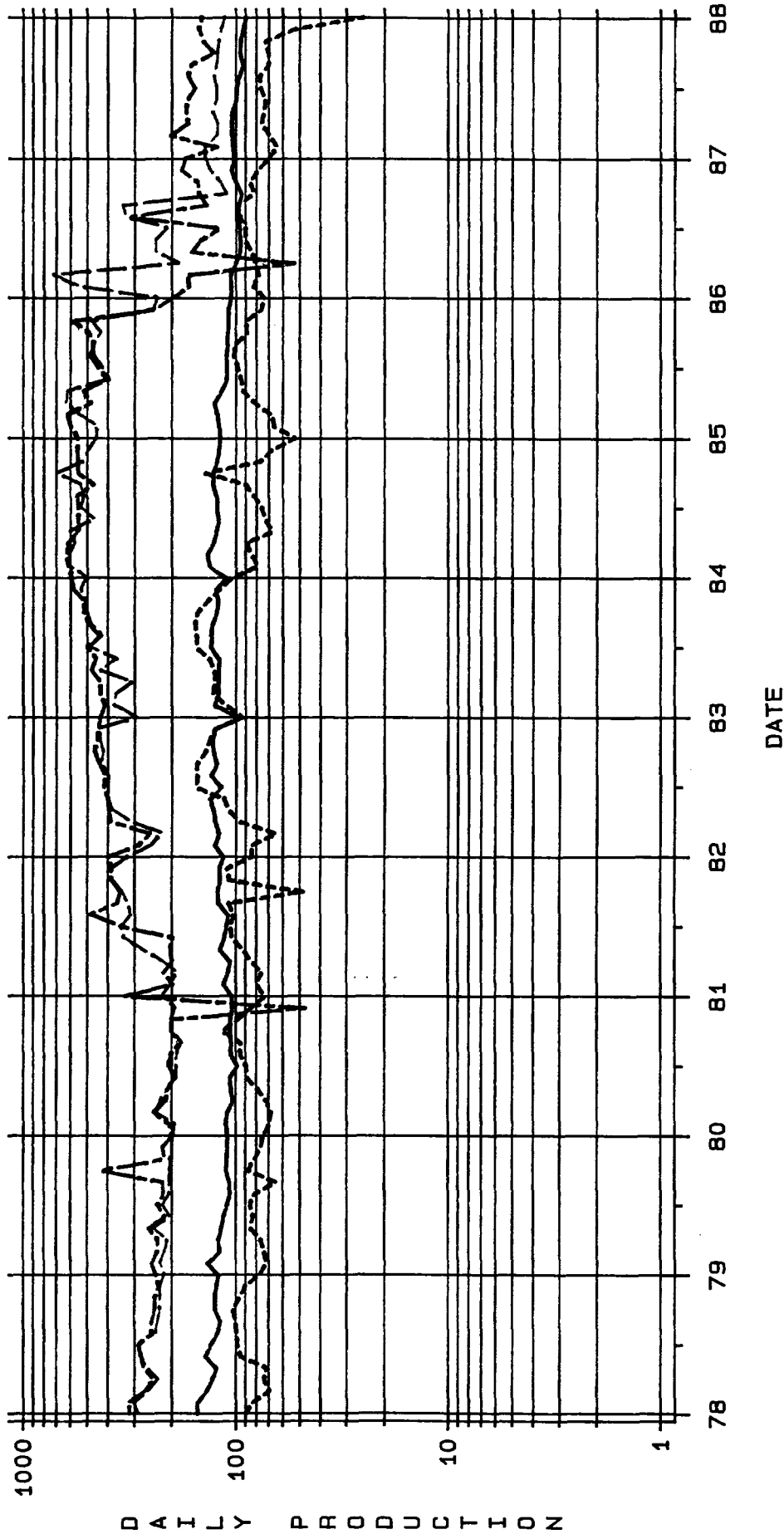
| Year | Percentage of Population Aged 65 and Over |
|------|---|
| 1950 | 7 |
| 1960 | 8 |
| 1970 | 9 |
| 1980 | 10 |

- **Producer**
- ◡ **Inactive Producer**
- ◻ **Temporarily Abandoned Producer**
- **Injector**



MALJAMAR GRAYBURG UNIT

QUARTERLY WATERFLOOD REPORT

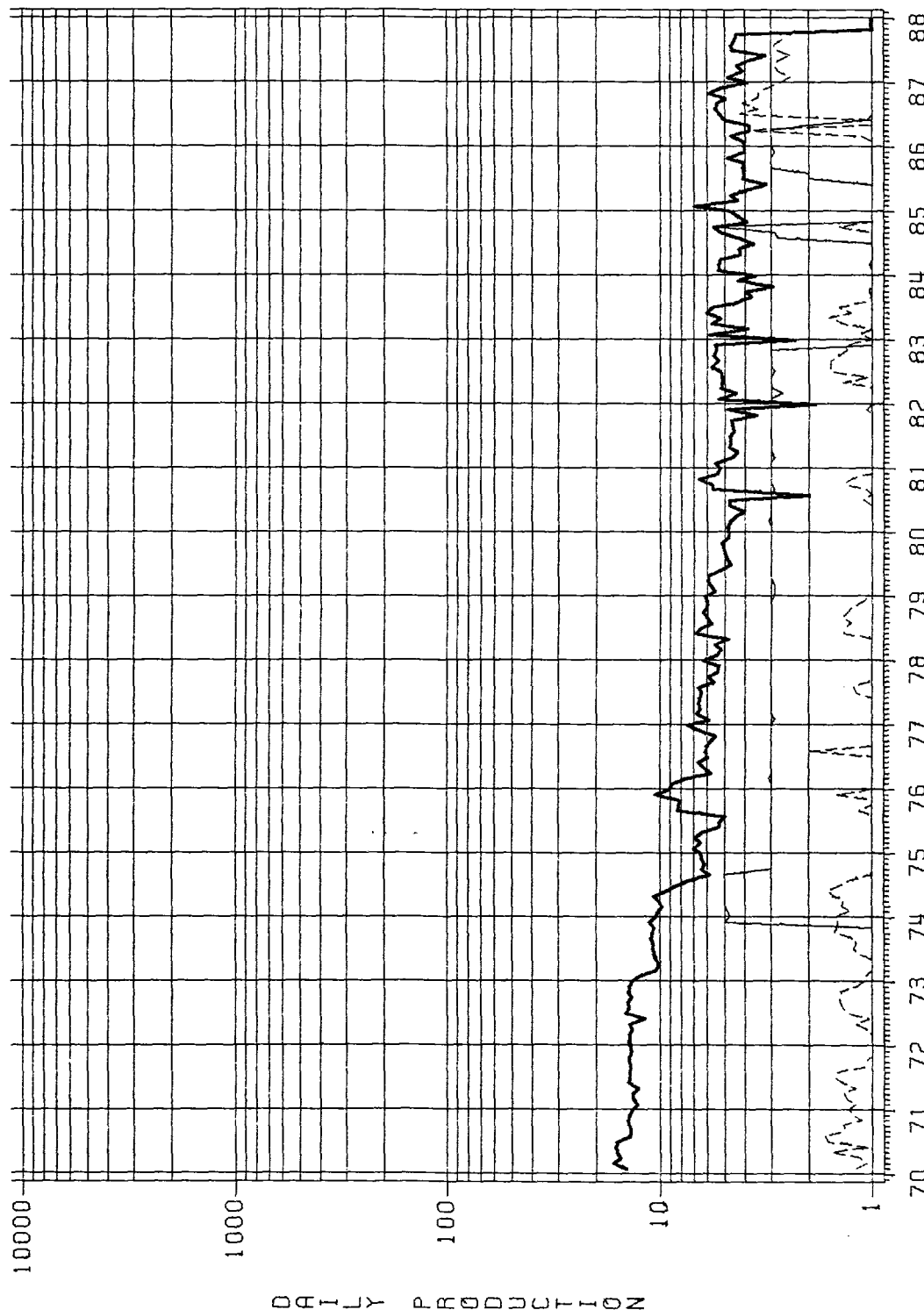


SOLID BLACK LINE =BOPD
 SHORT DASH BLUE LINE =BWPD
 LONG DASH GREEN LINE =GAS
 ALTERNATING RED LINE =INJ VOL

PRODUCTION DATA PLOT

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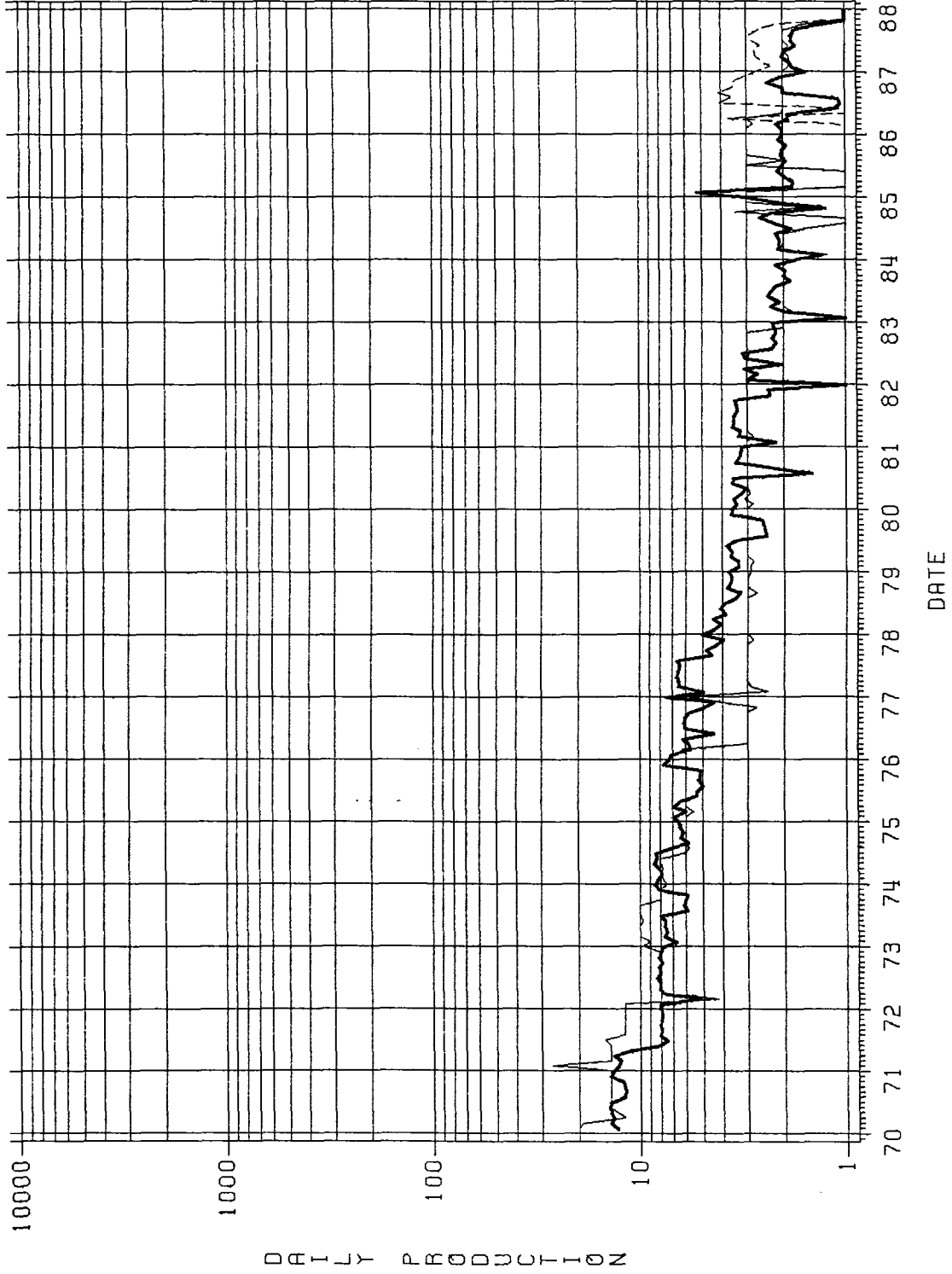
PETROLEUM INFORMATION



HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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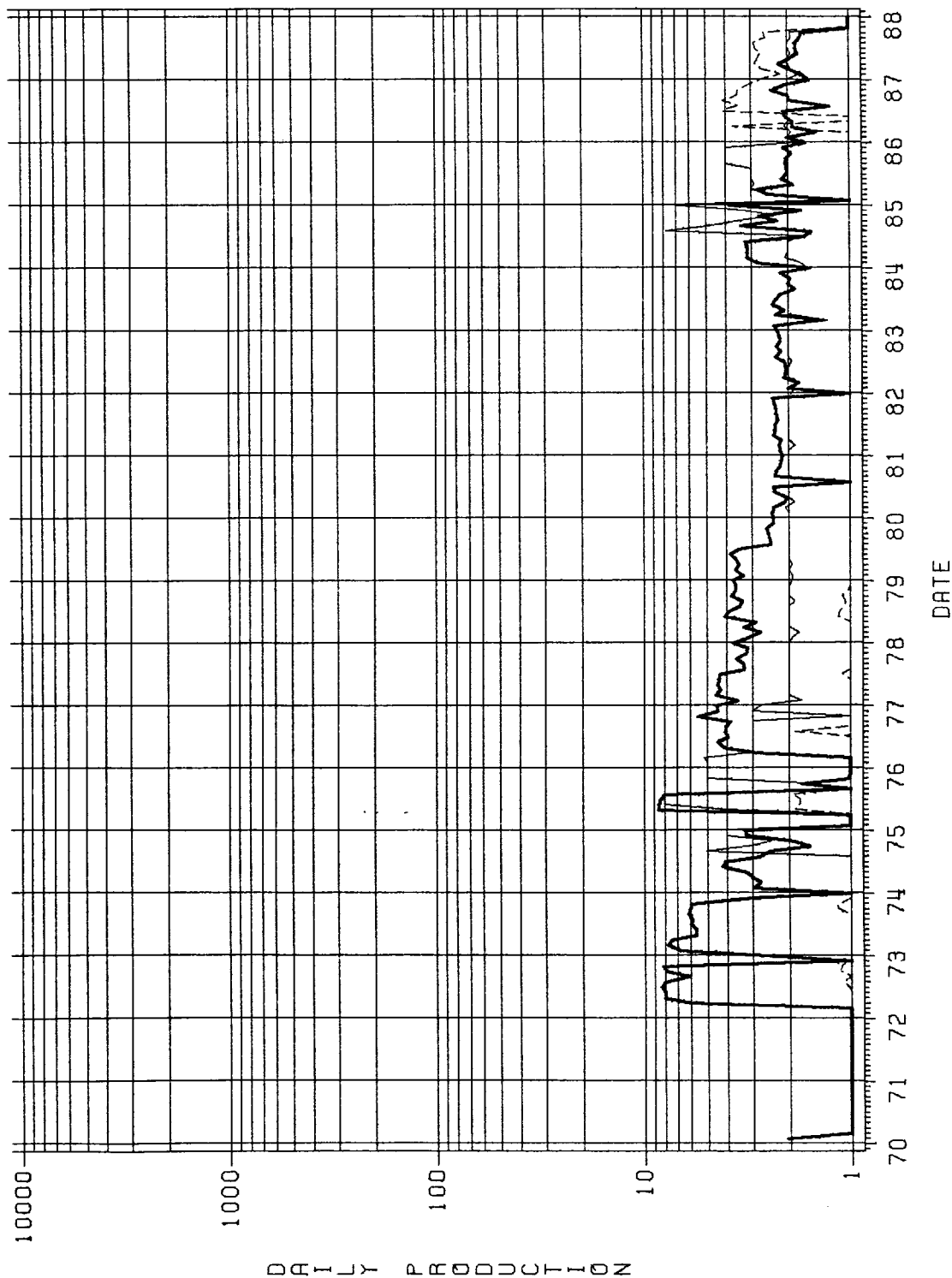


HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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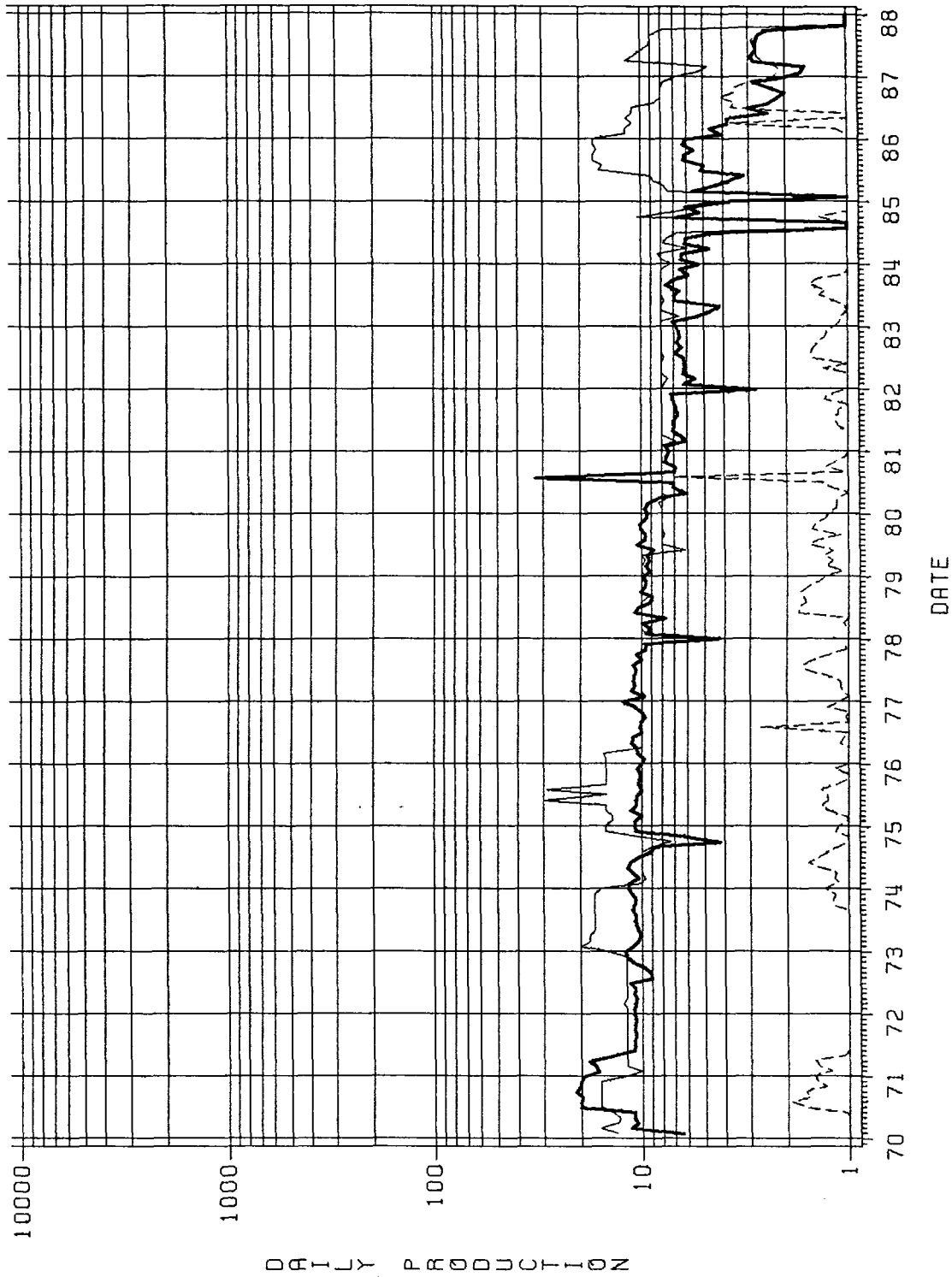
PETROLEUM INFORMATION



HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

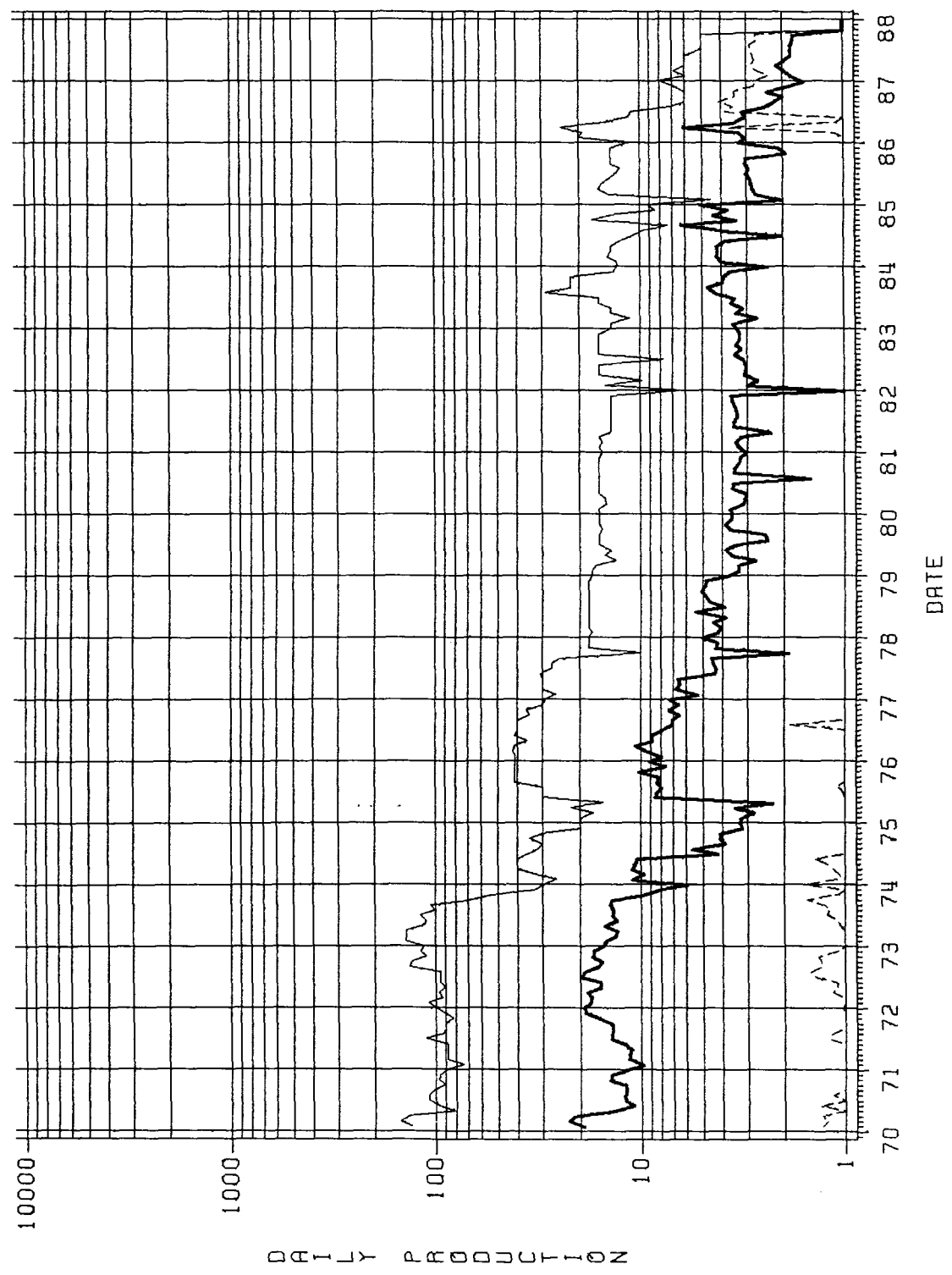
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

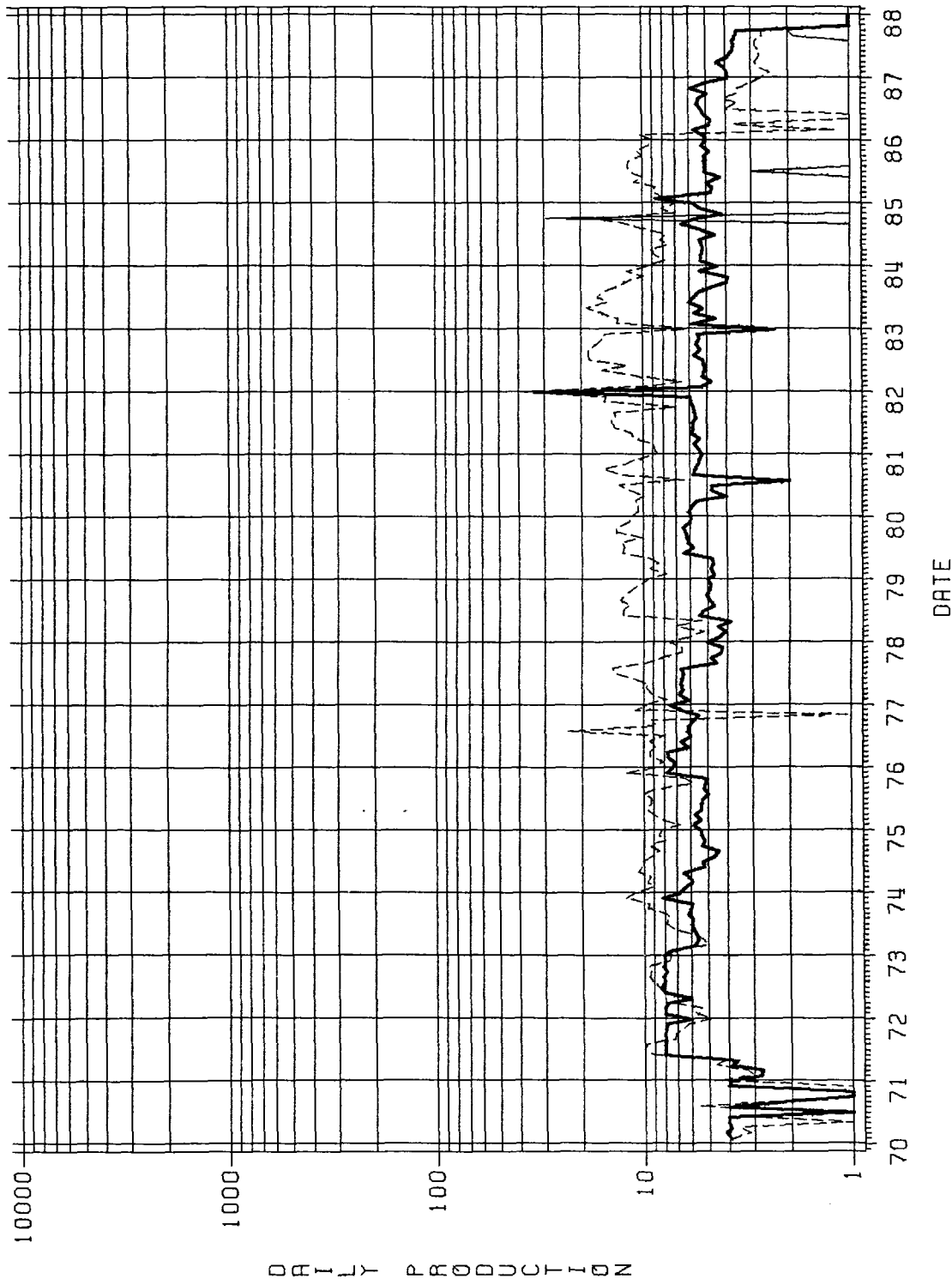
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

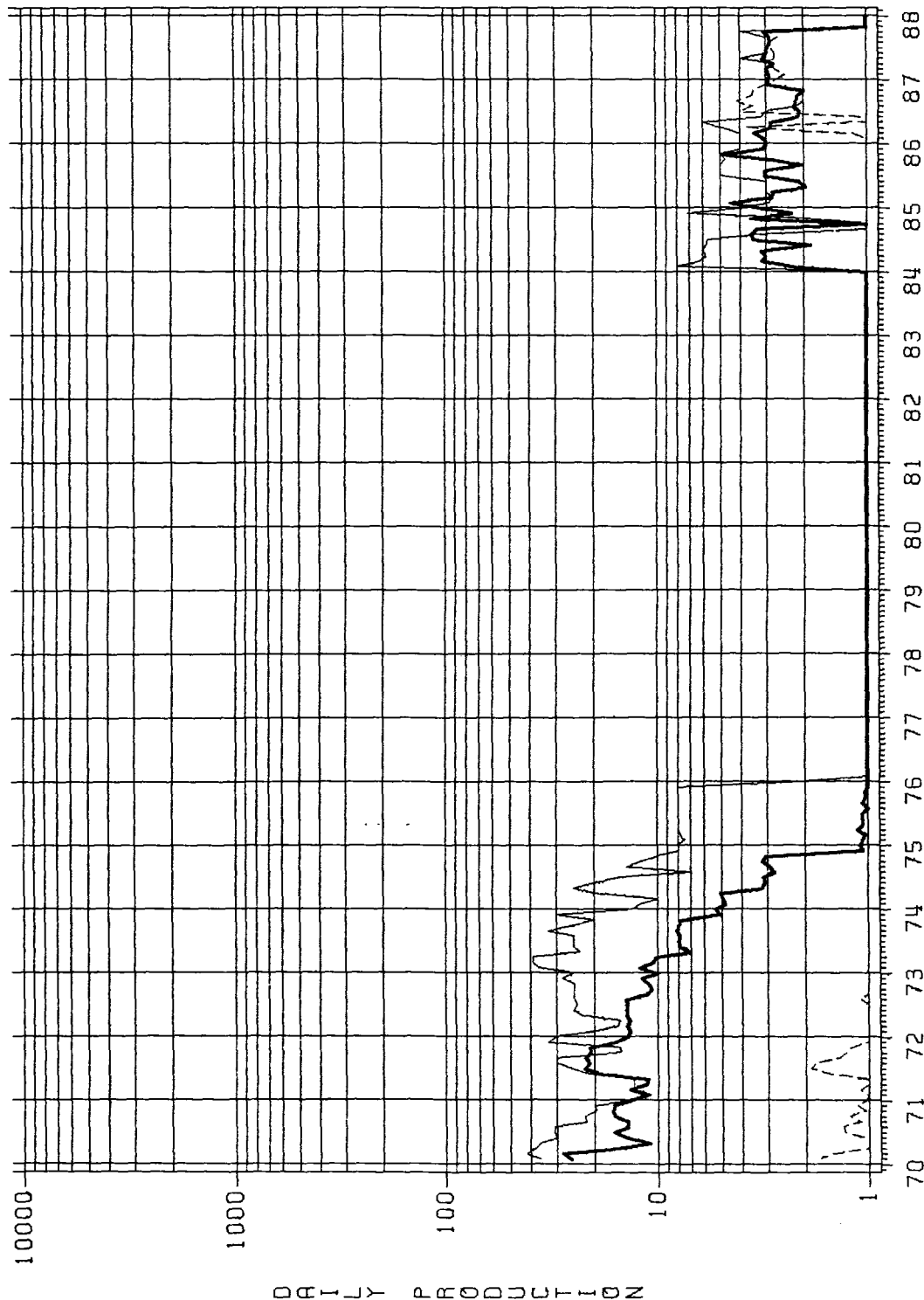
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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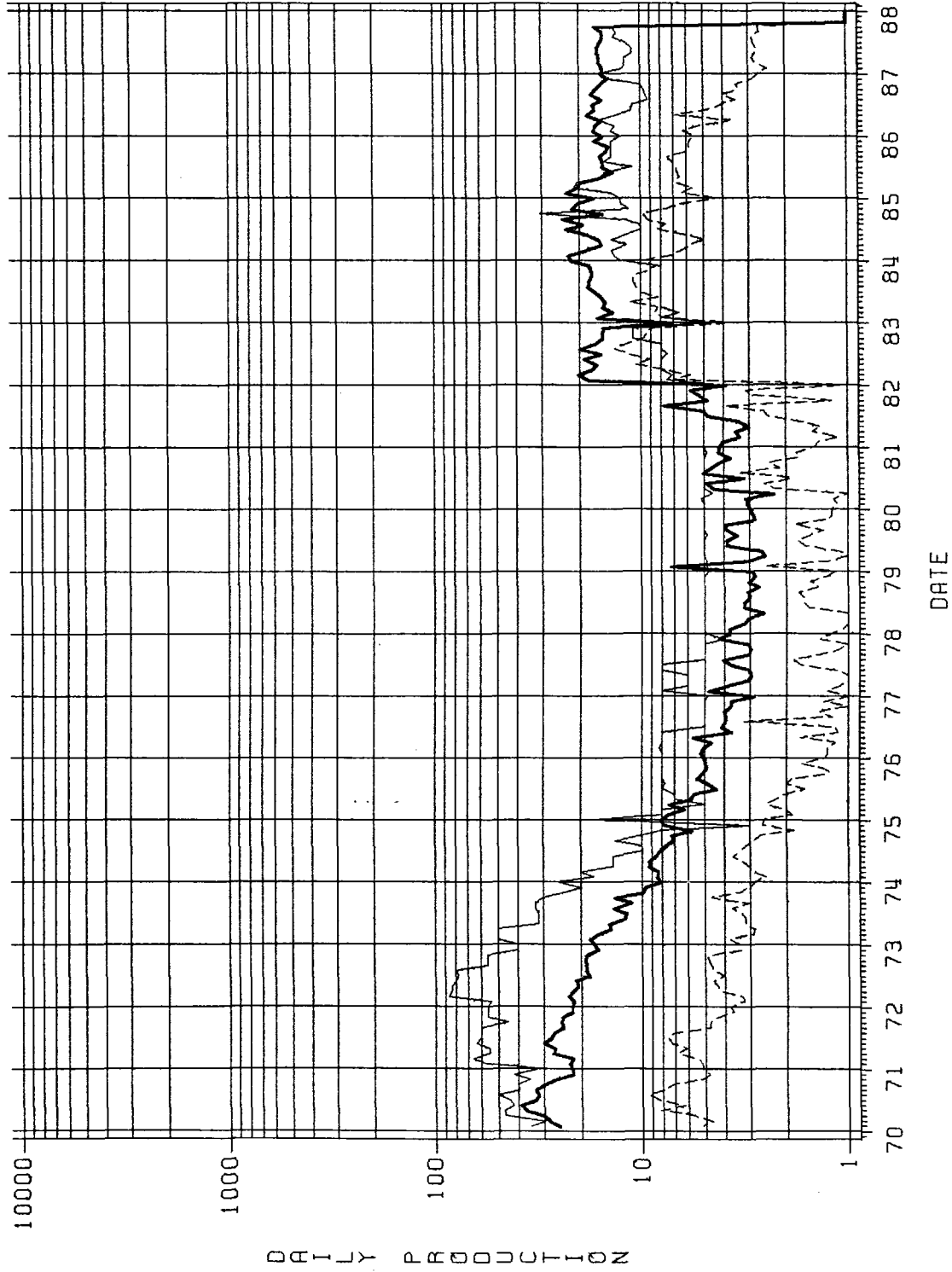


DATE

HEAVY SOLID LINE=BOPD
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PRODUCTION DATA PLOT

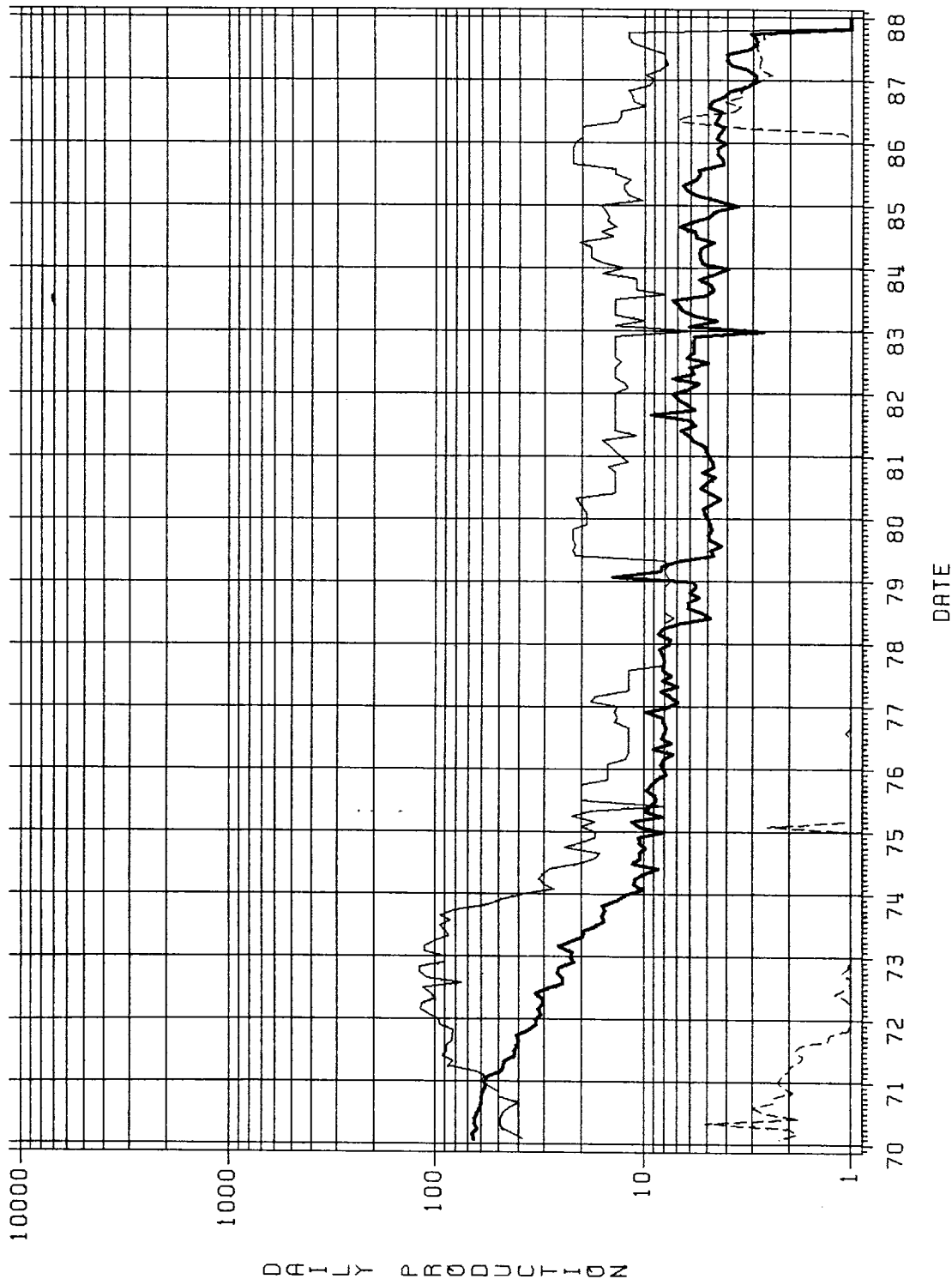
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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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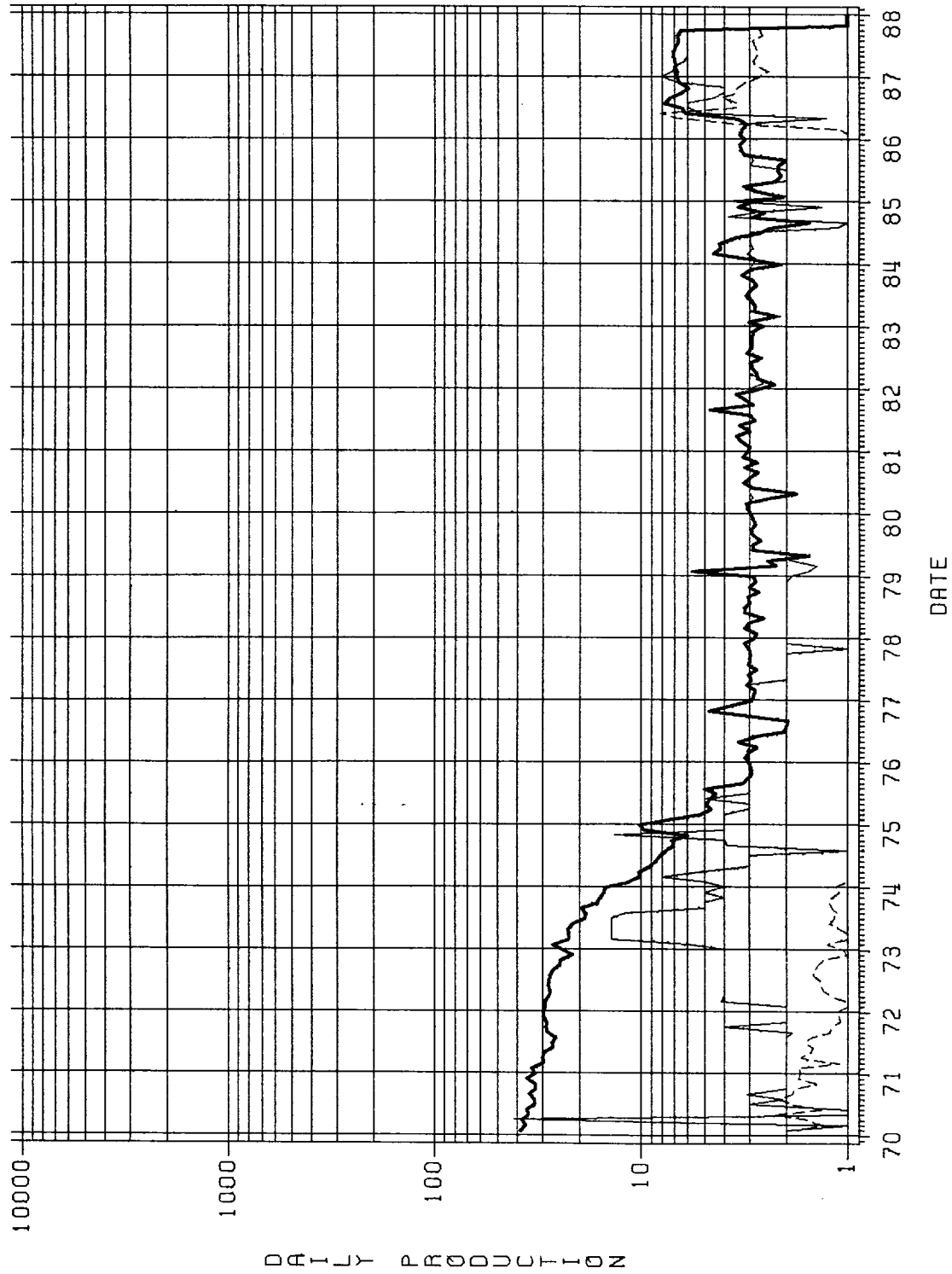


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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

PETROLEUM INFORMATION

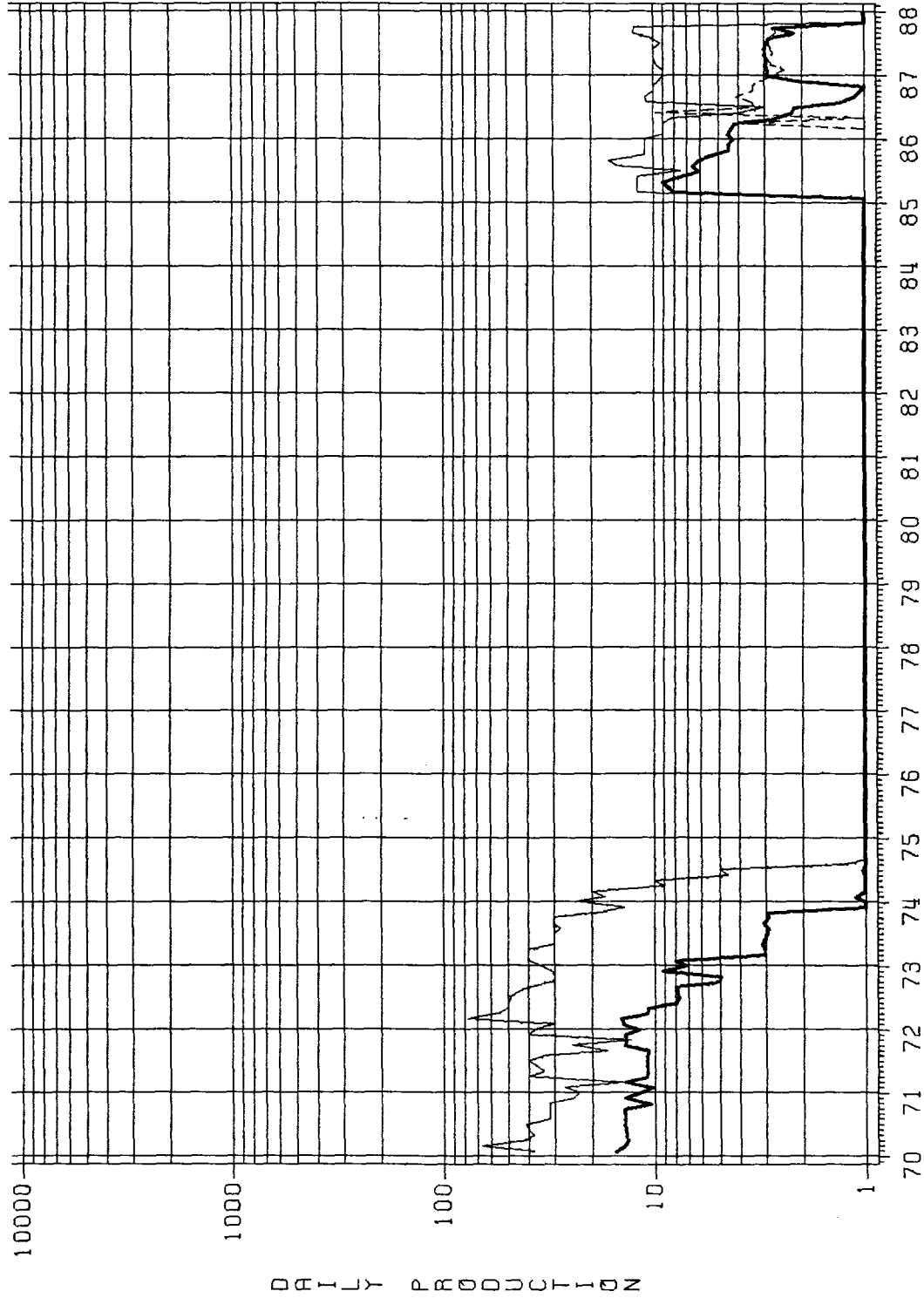
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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

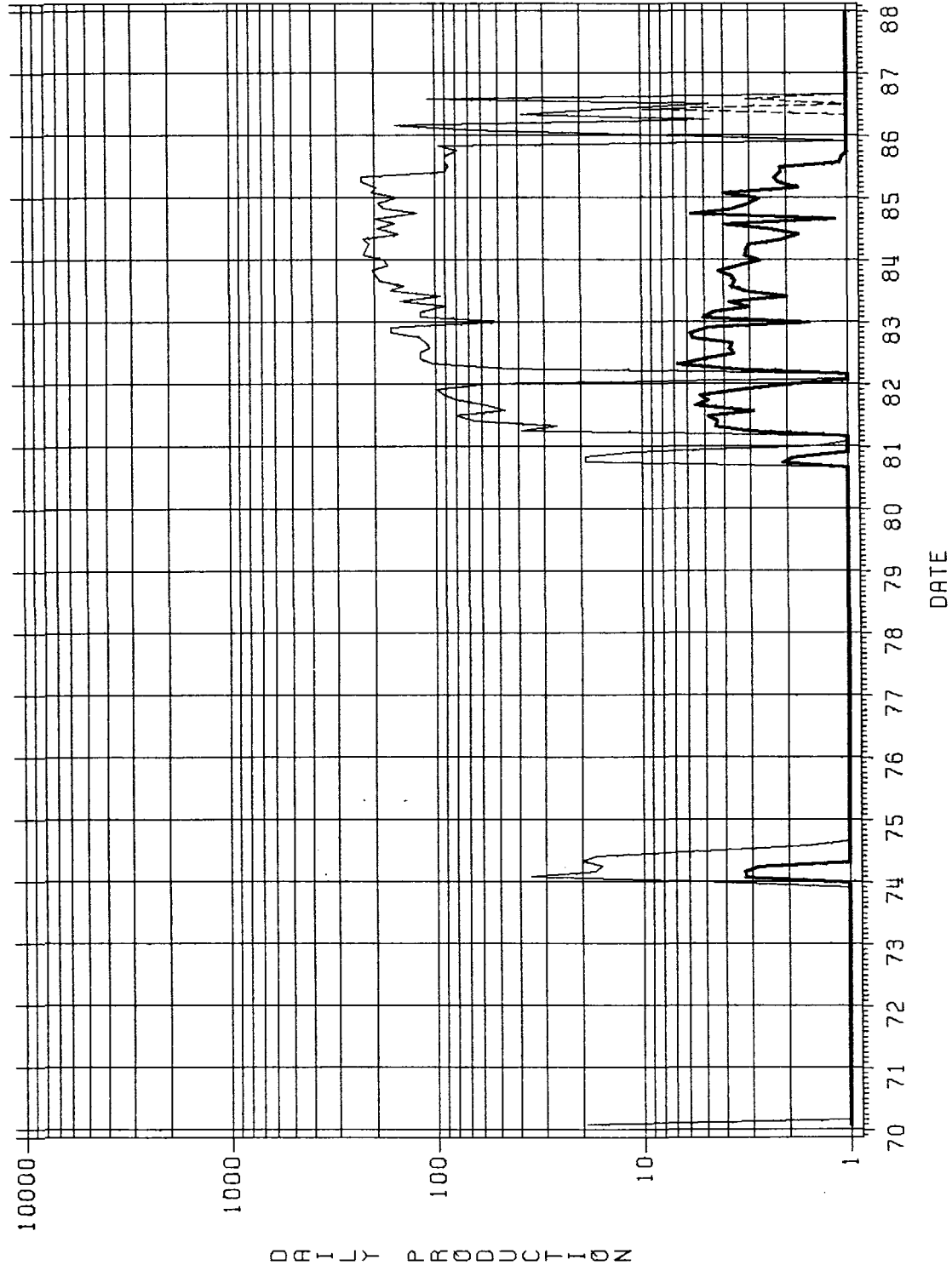
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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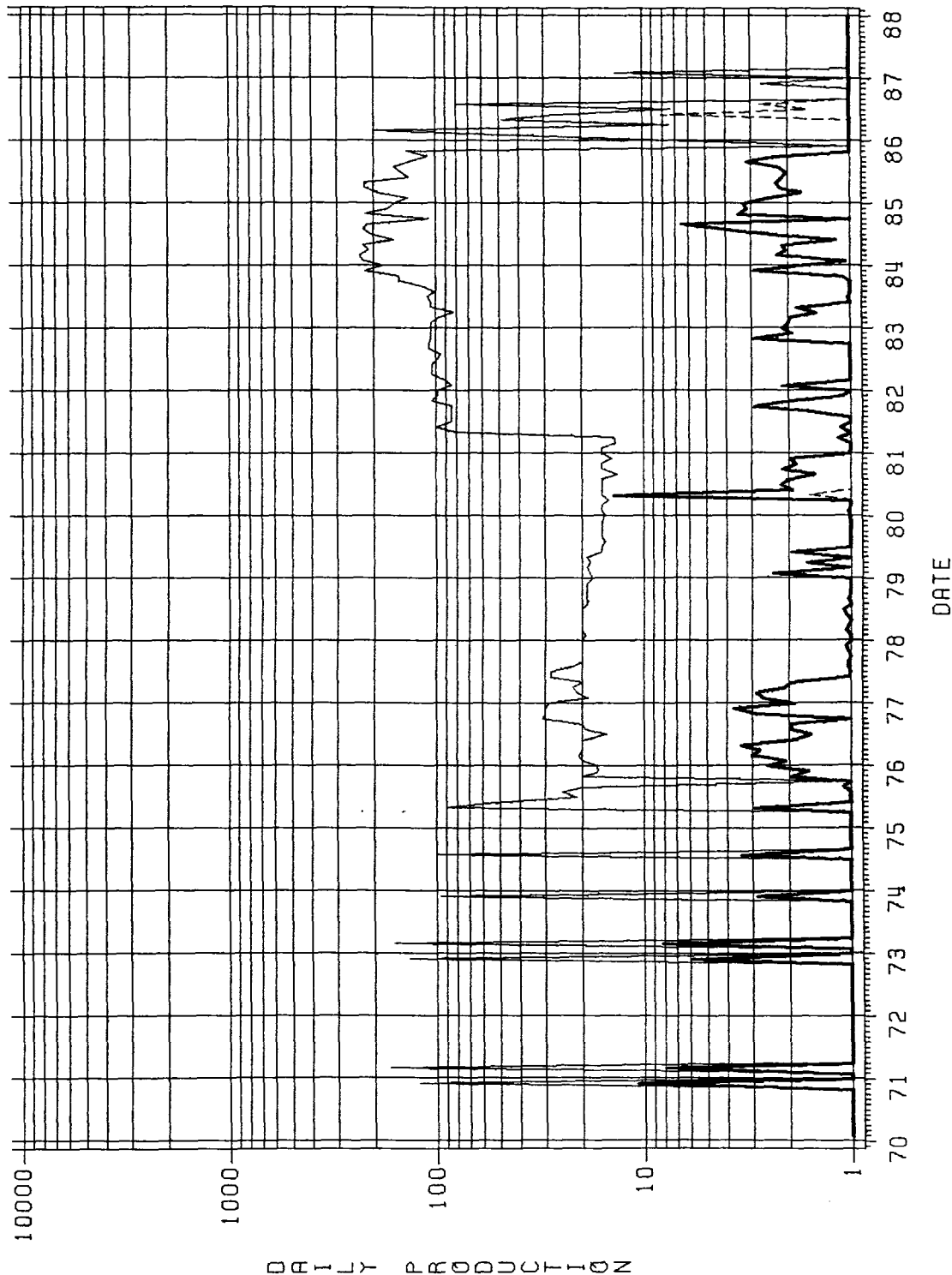


HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

PETROLEUM INFORMATION

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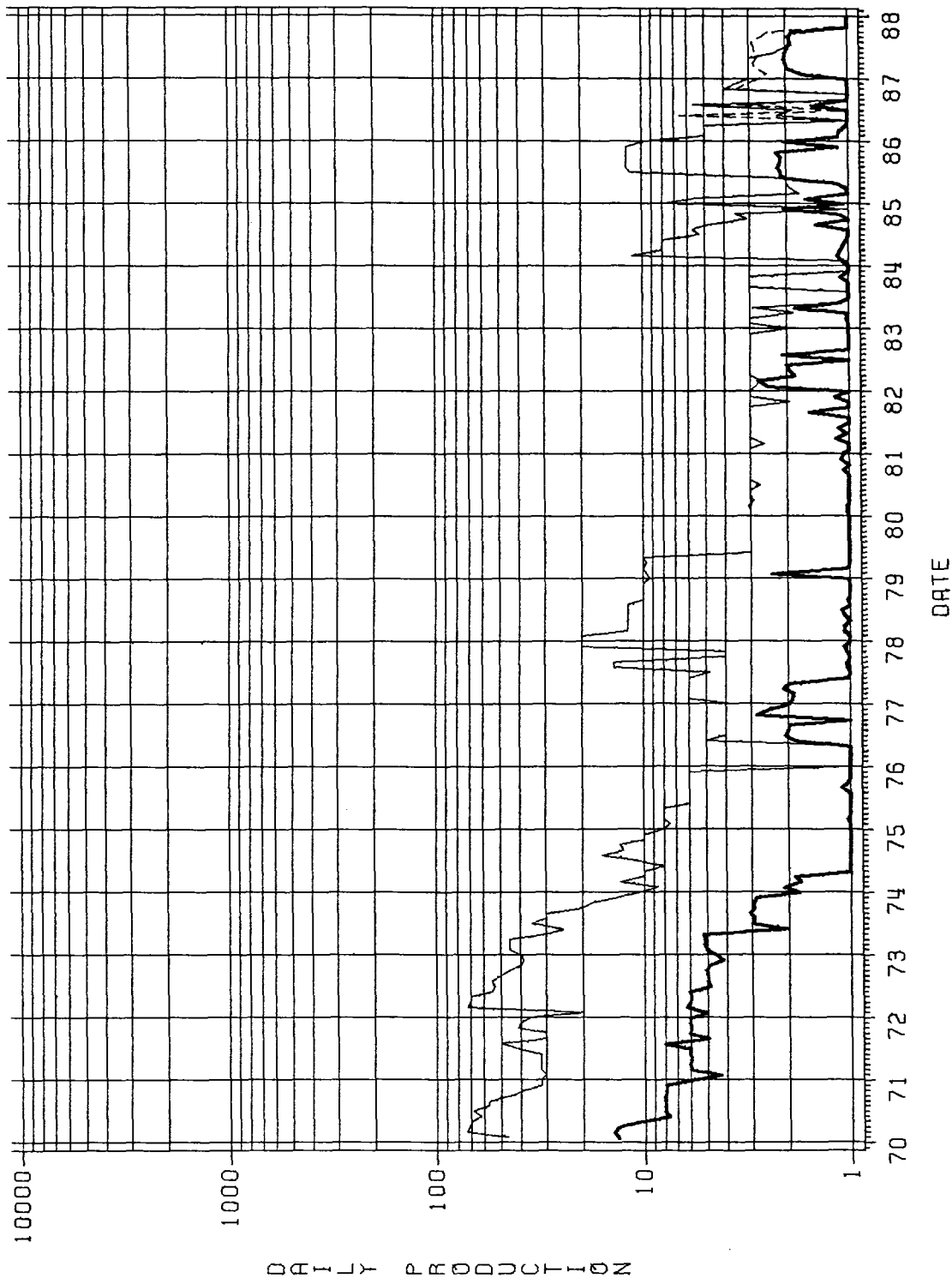


HEAVY SOLID LINE=BOPD
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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

PETROLEUM INFORMATION

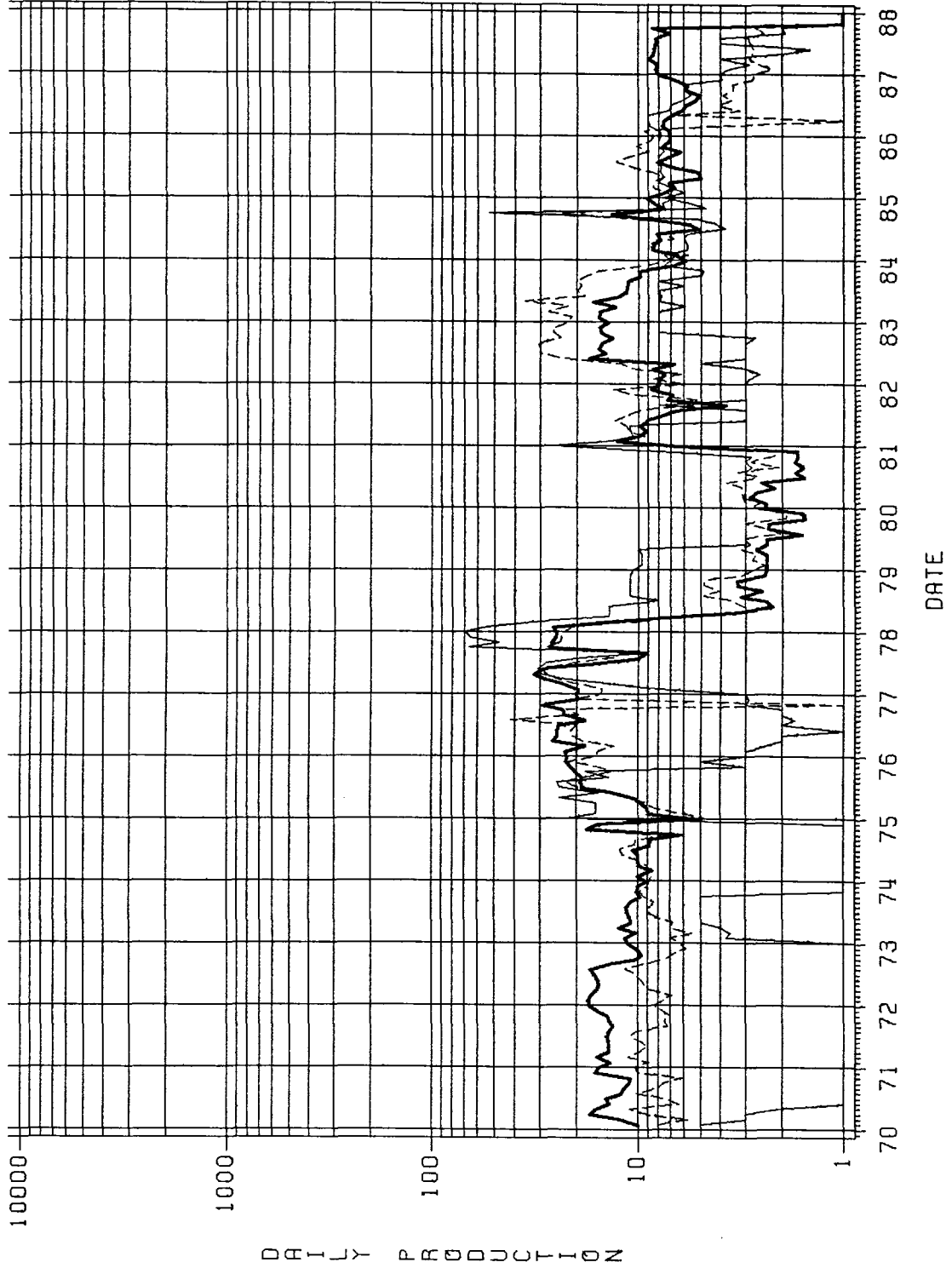
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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

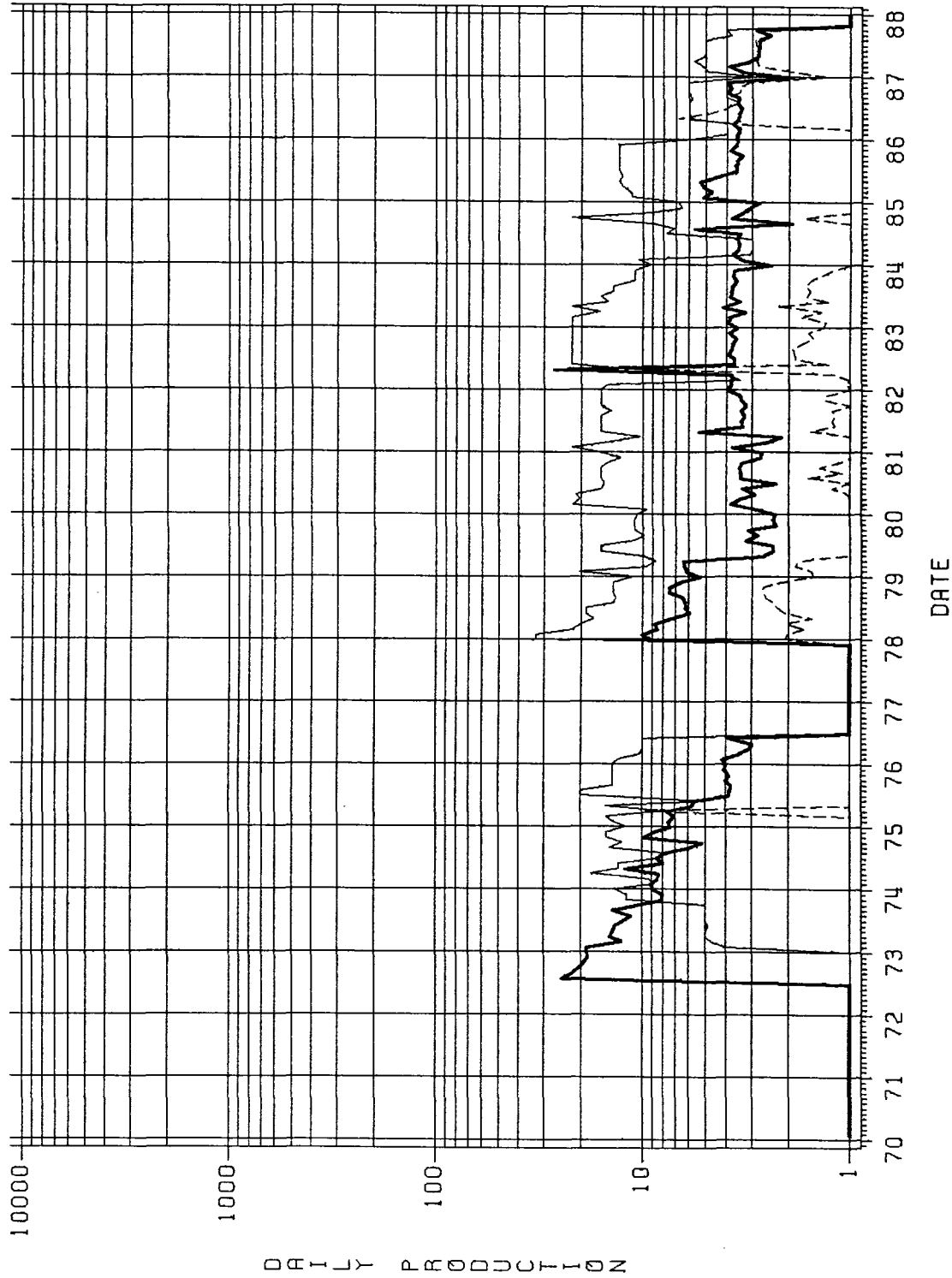
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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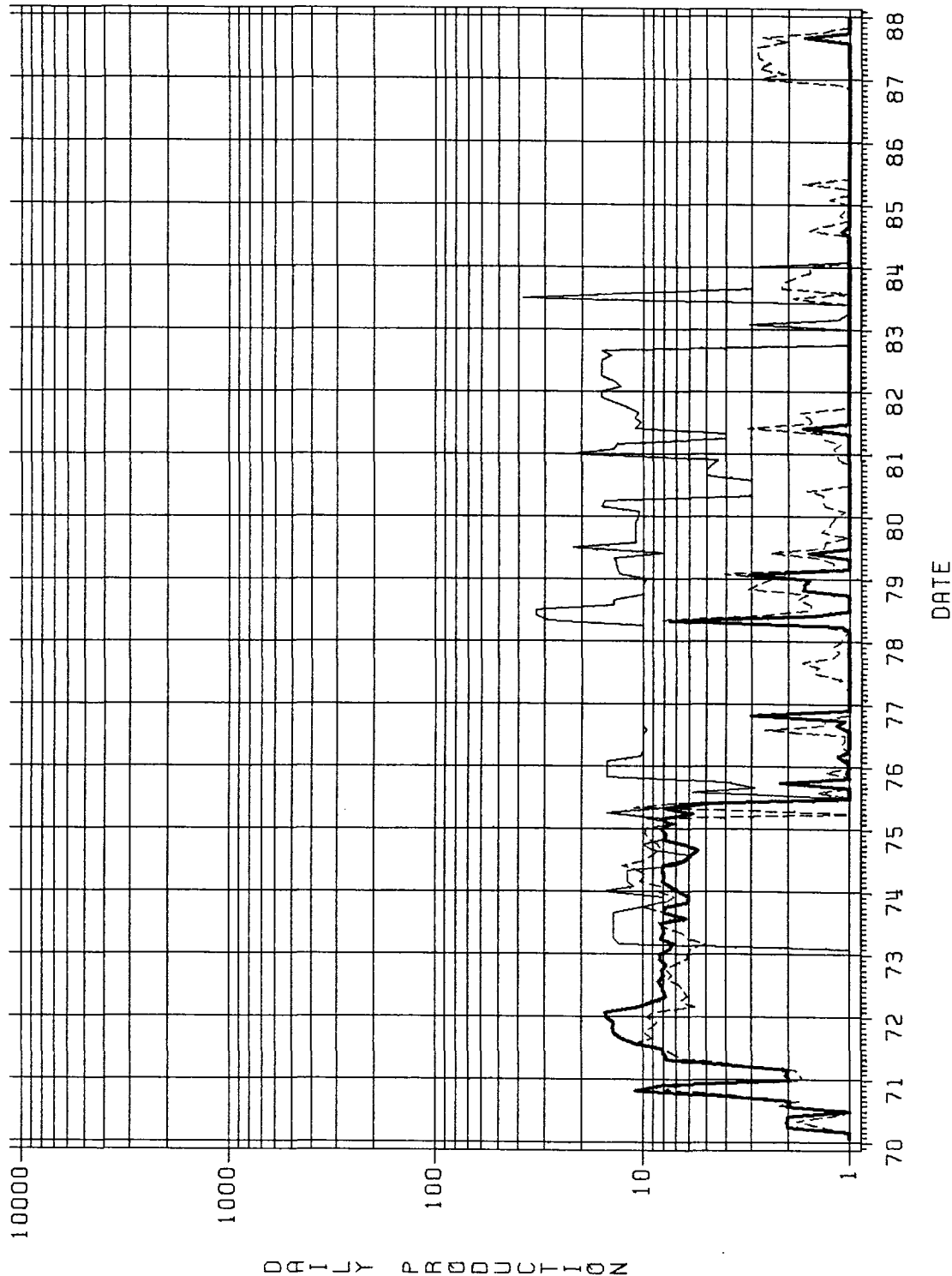


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SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

PETROLEUM INFORMATION

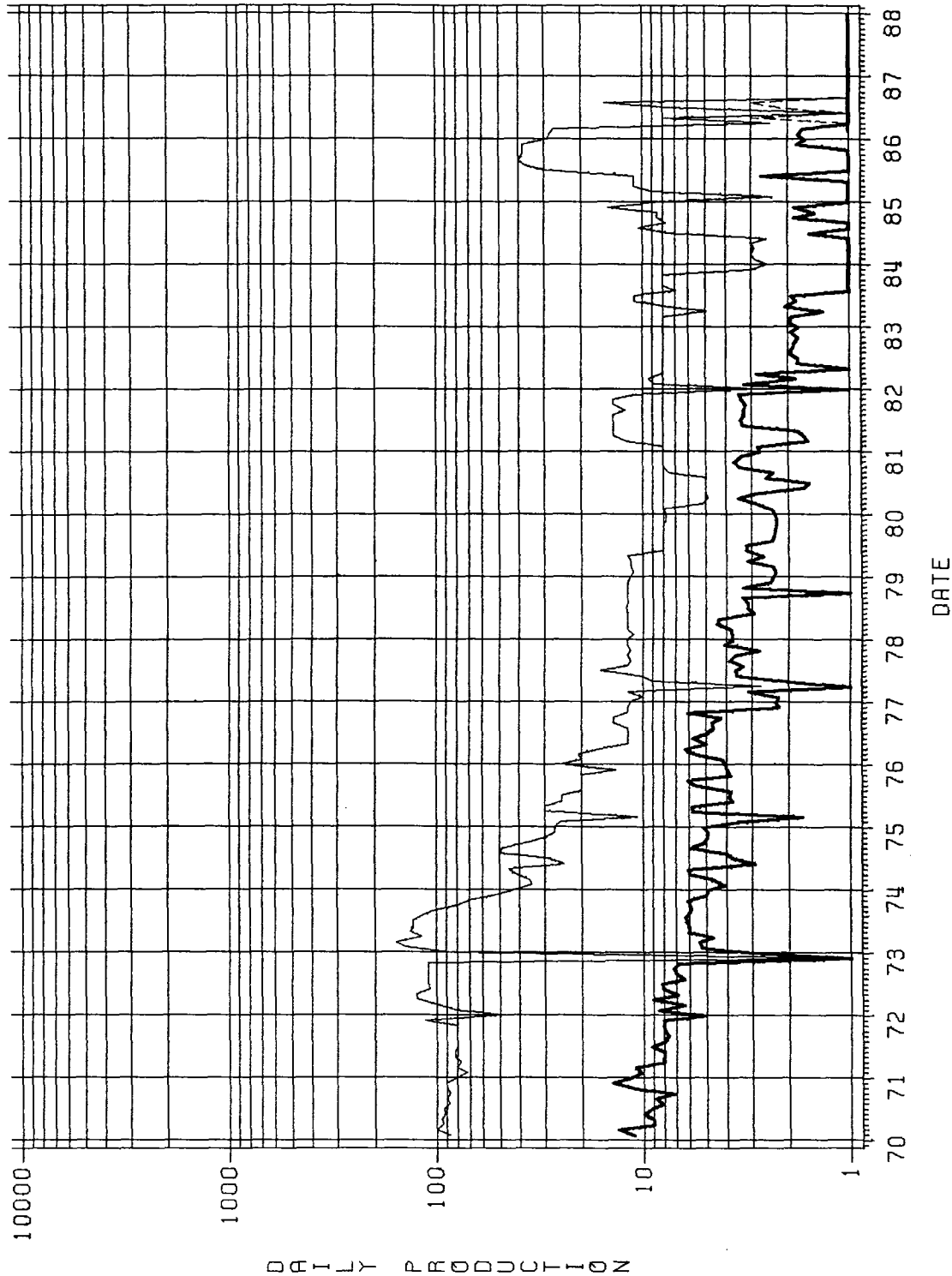
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HEAVY SOLID LINE=BOPD
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PRODUCTION DATA PLOT

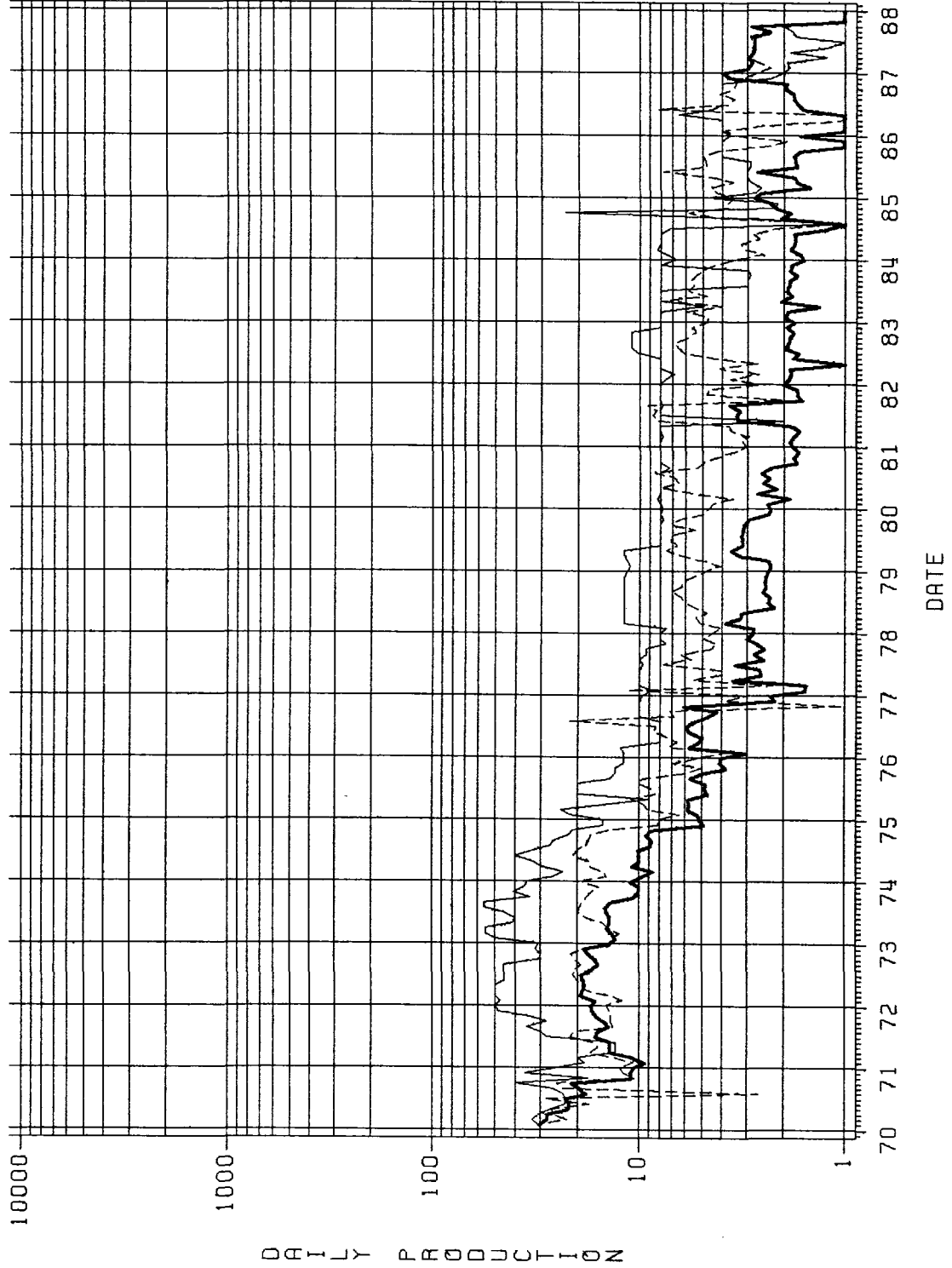
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PRODUCTION DATA PLOT

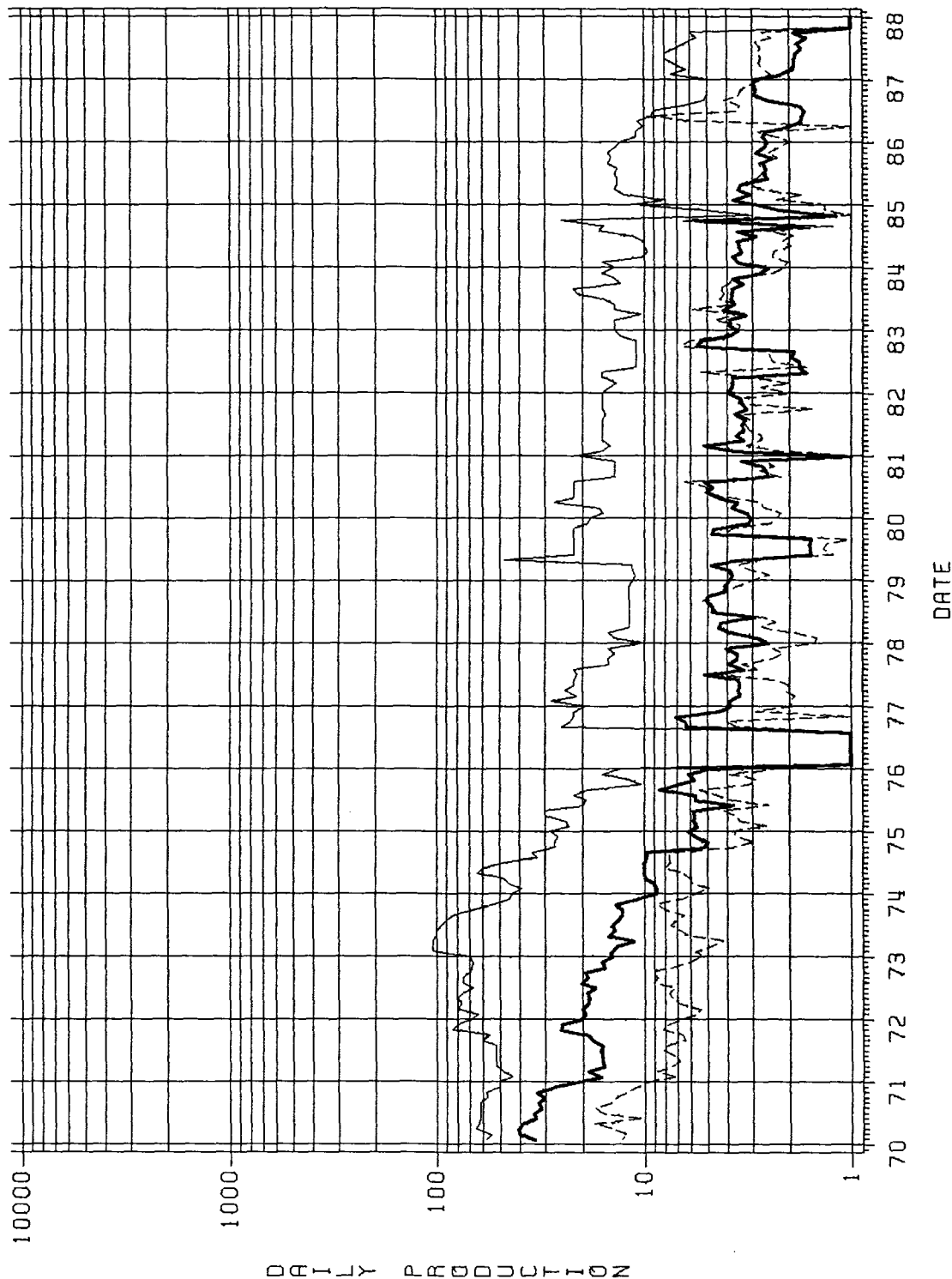
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PRODUCTION DATA PLOT

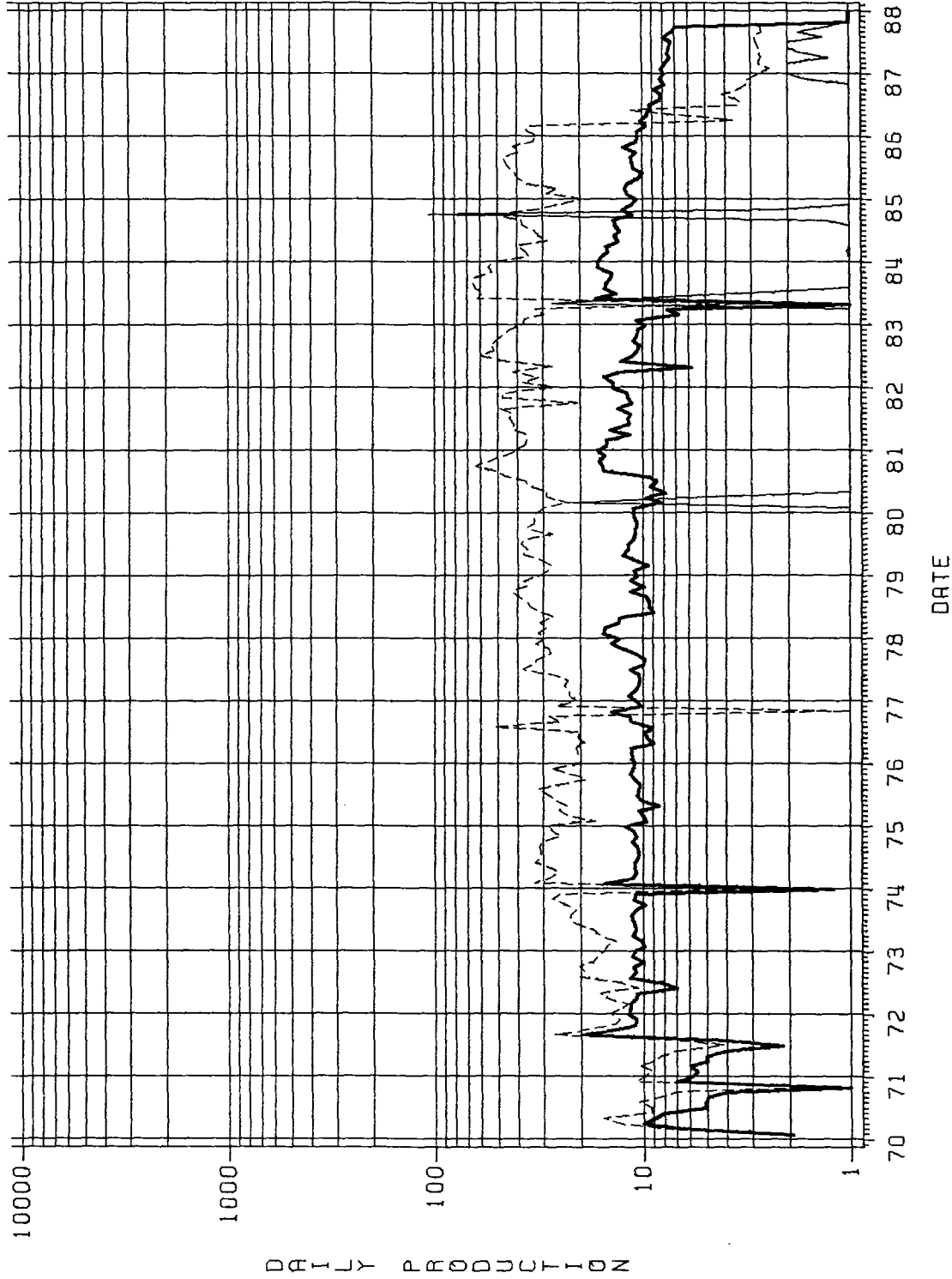
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PRODUCTION DATA PLOT

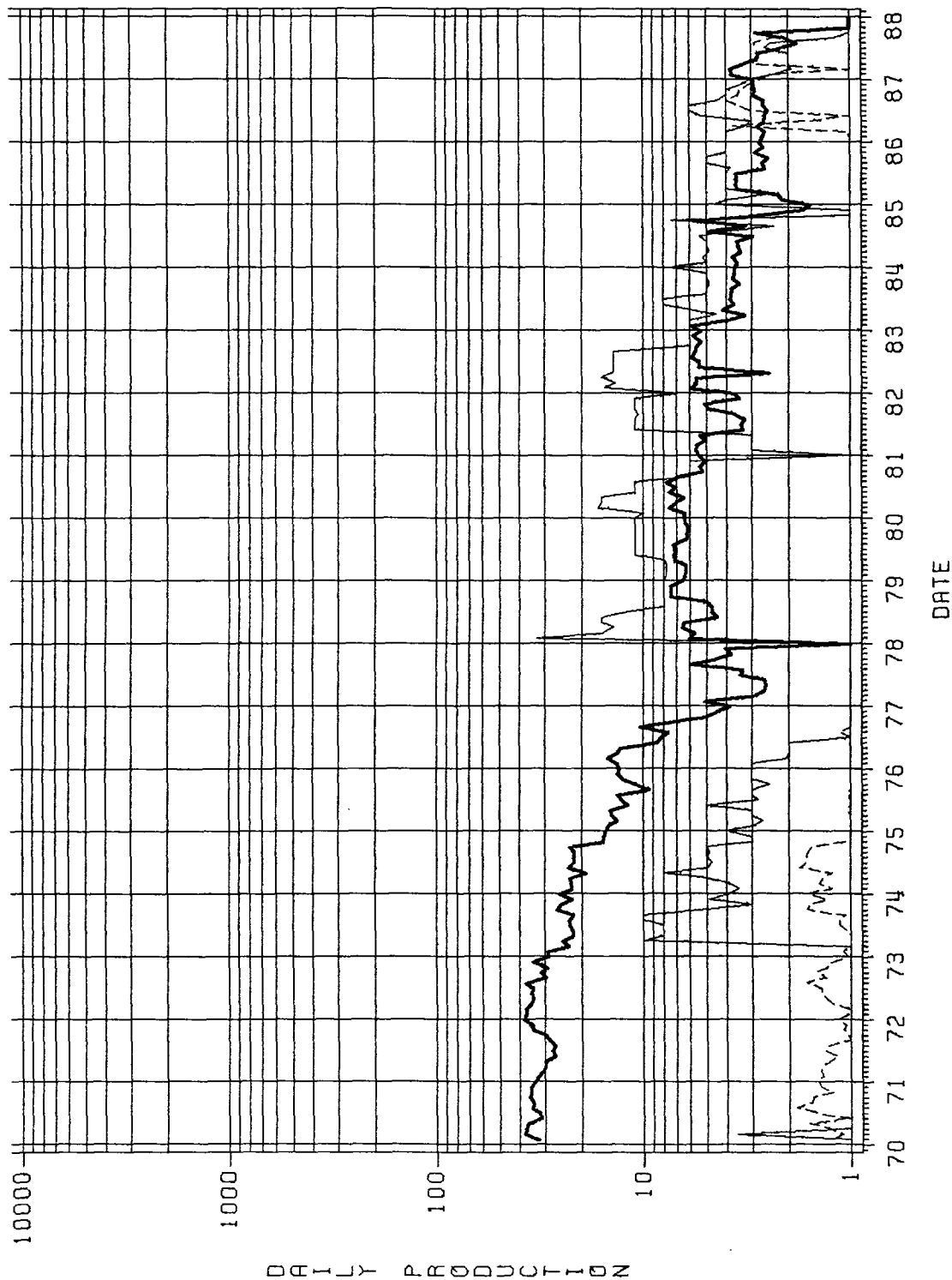
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

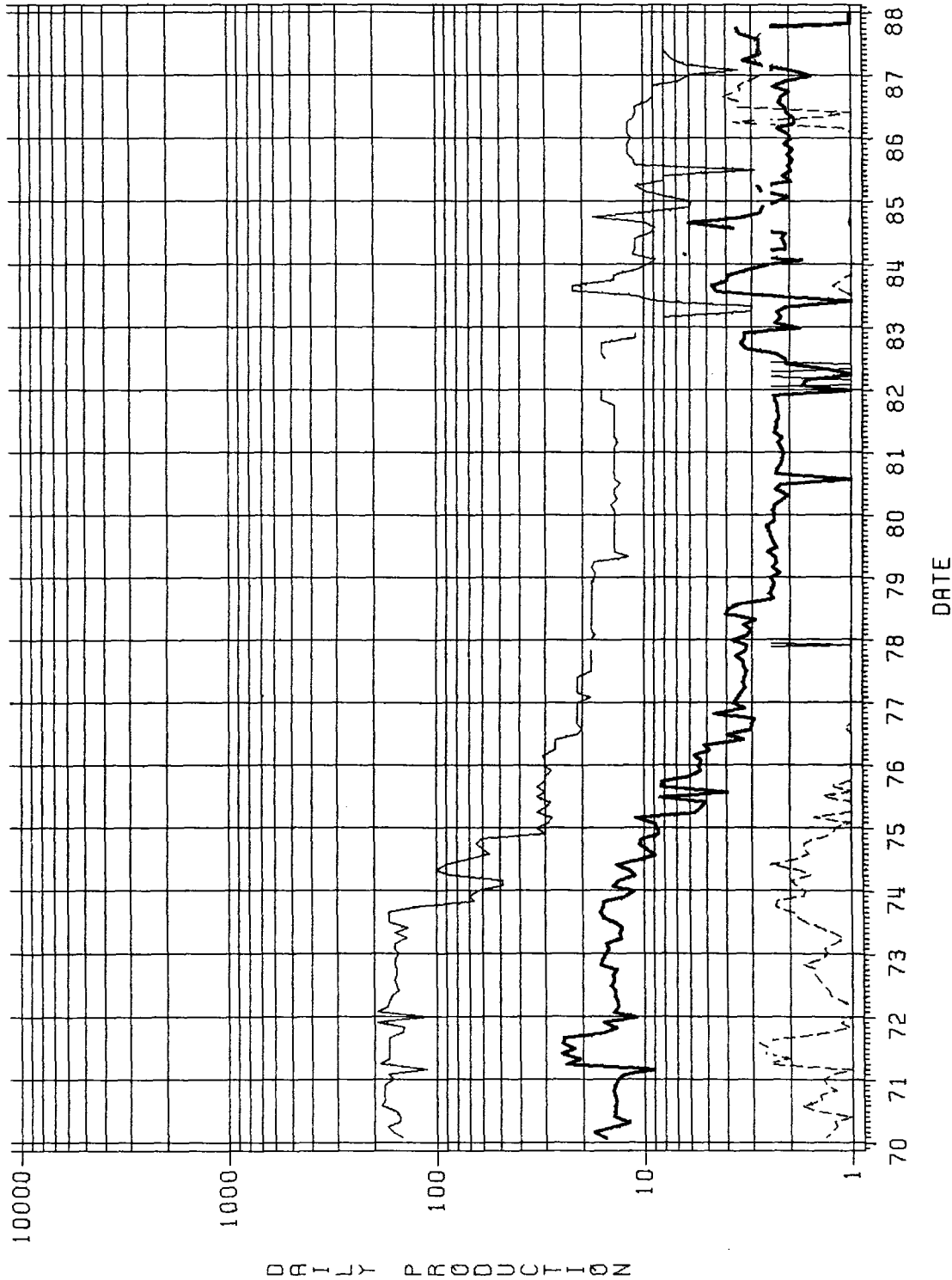
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HEAVY SOLID LINE=BOPD
 SOLID LINE=BWP
 LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

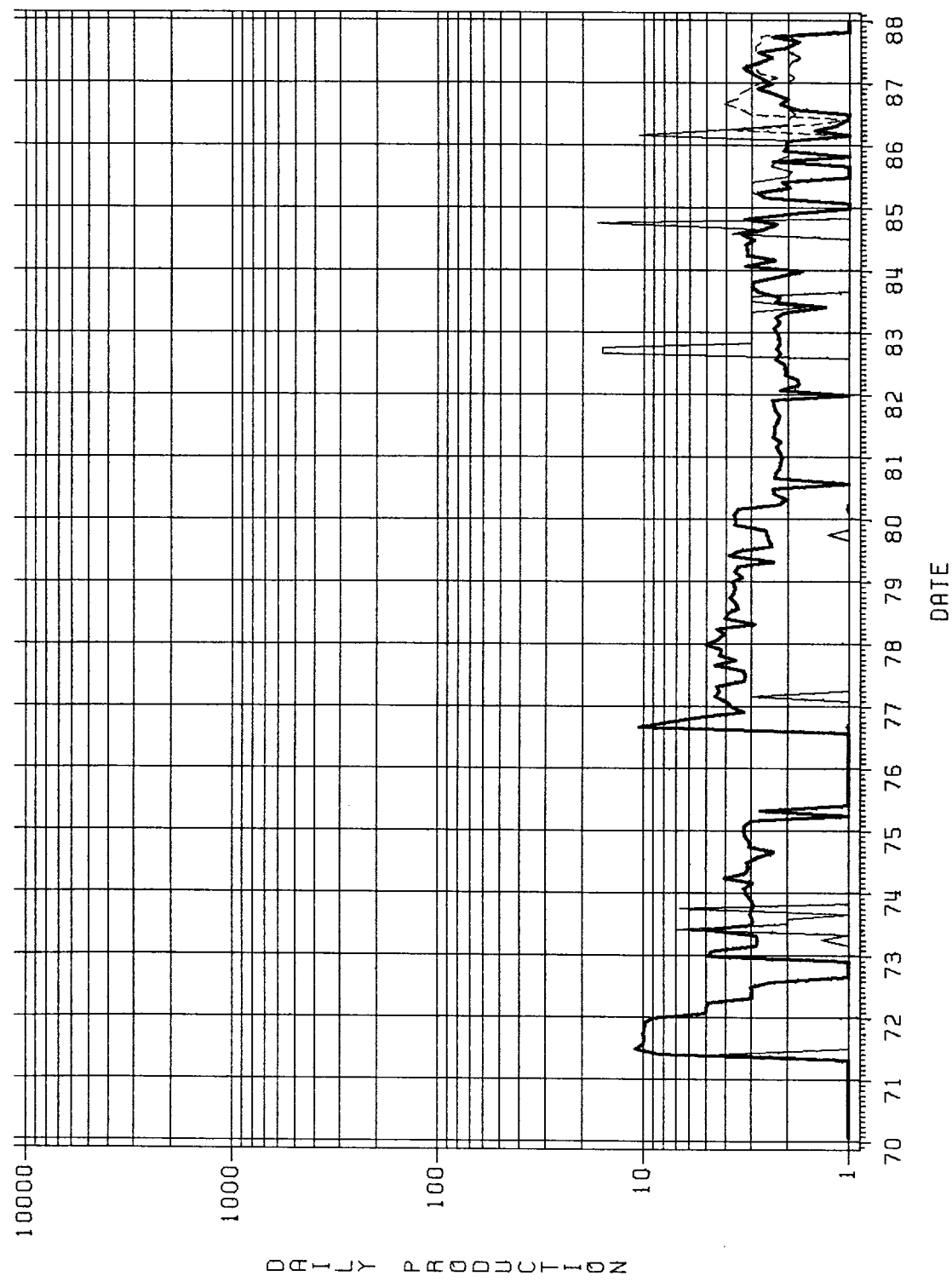
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SOLID LINE=BWP
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

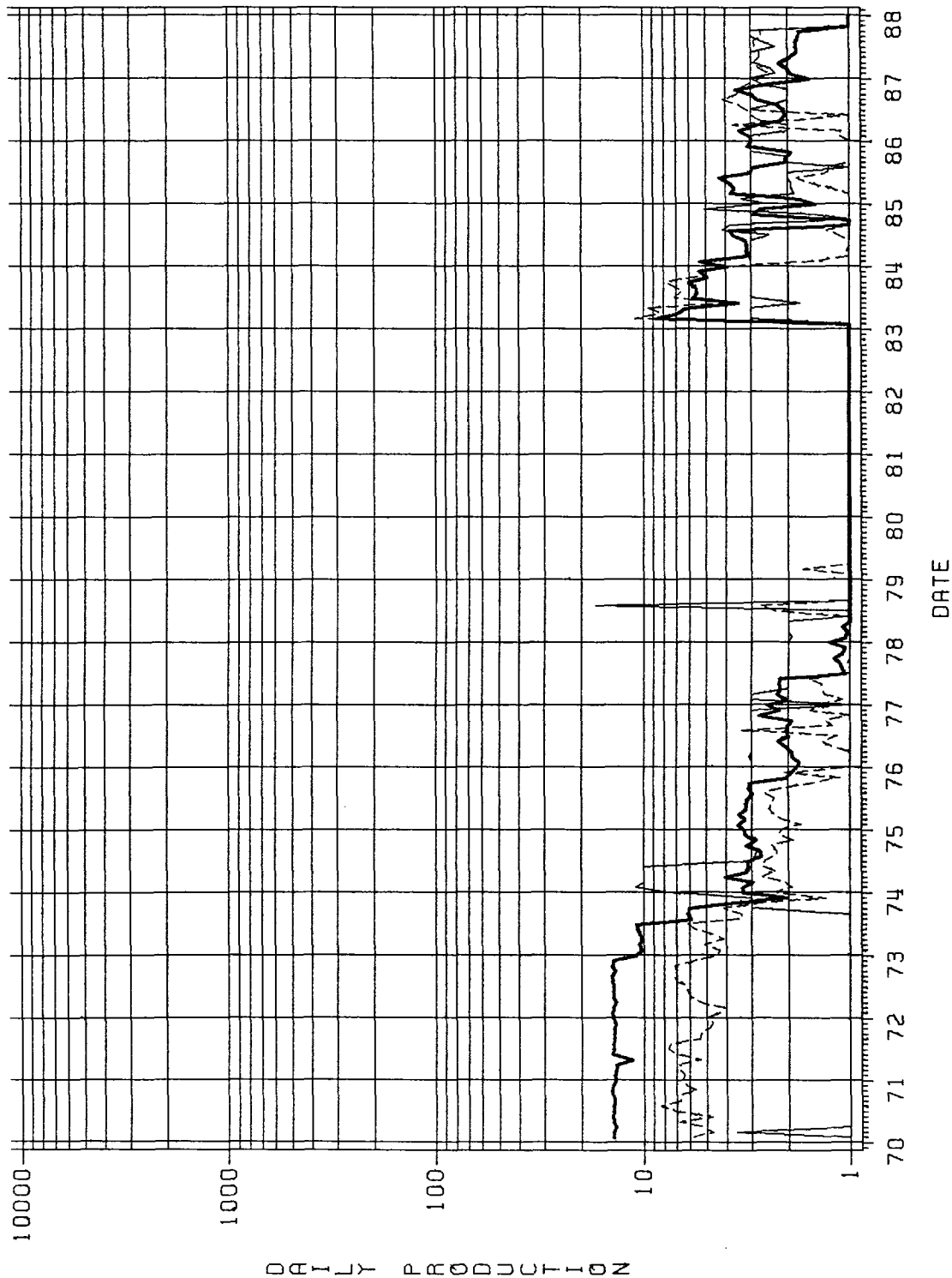
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SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

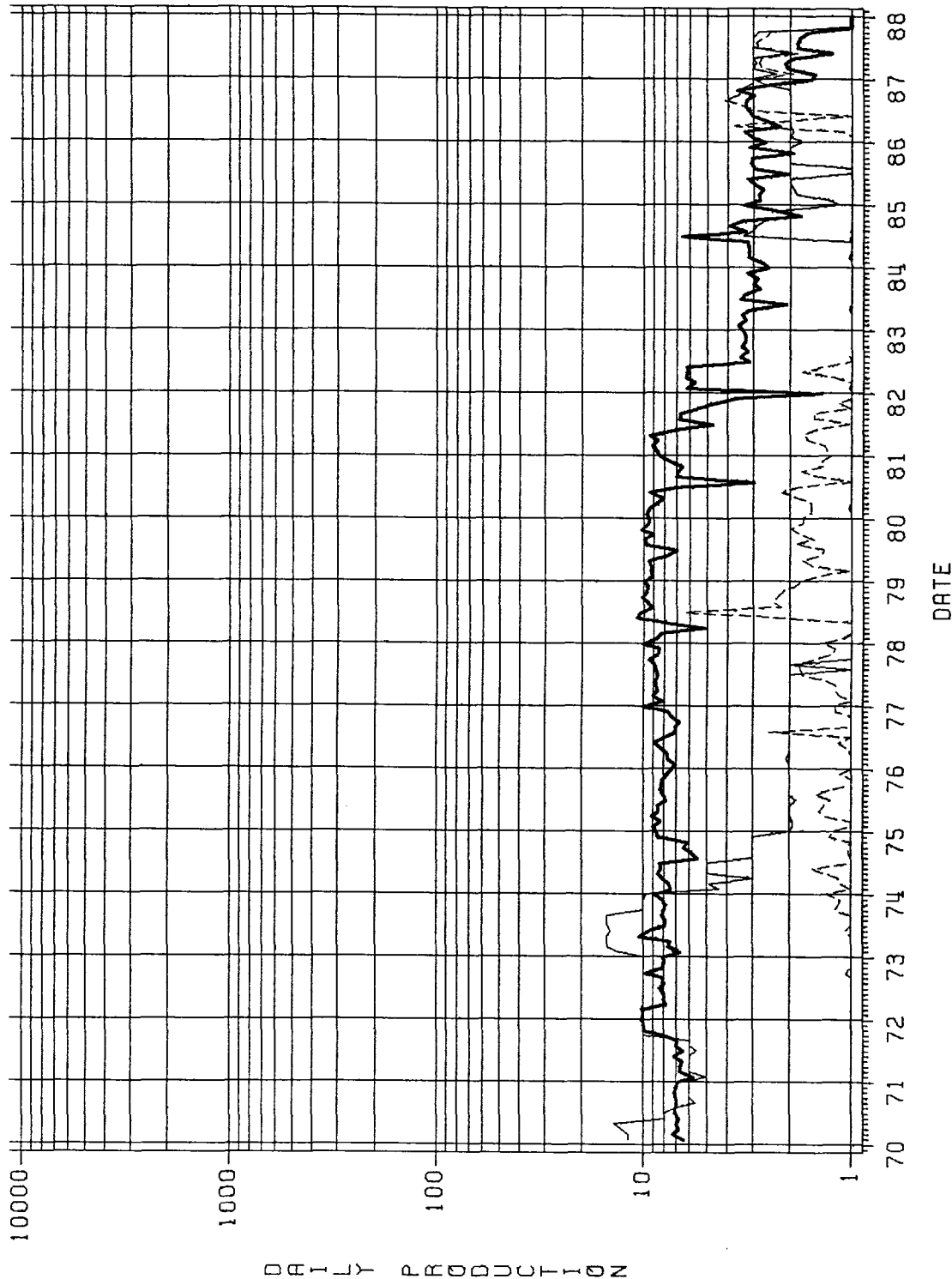
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWP
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

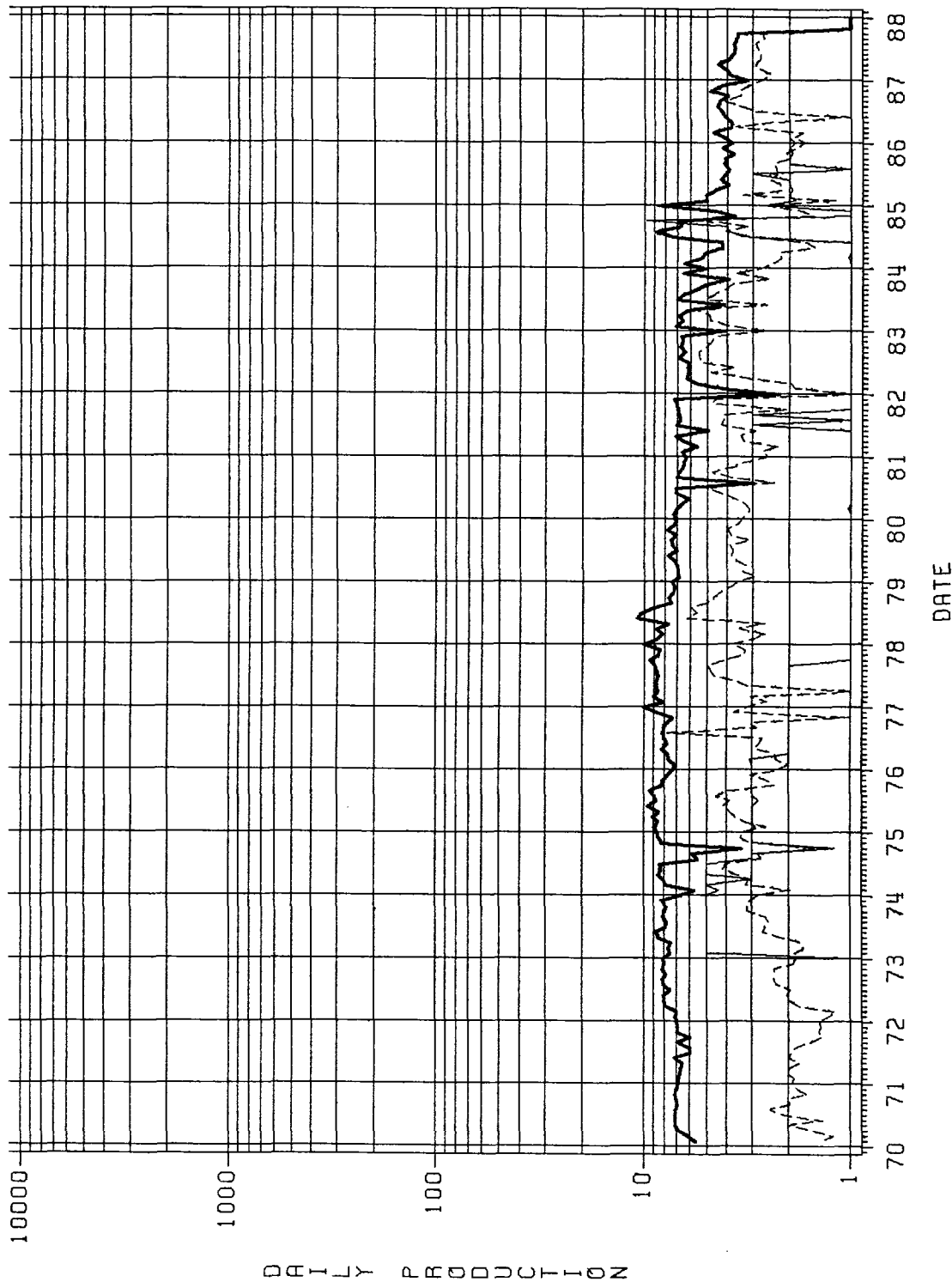
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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

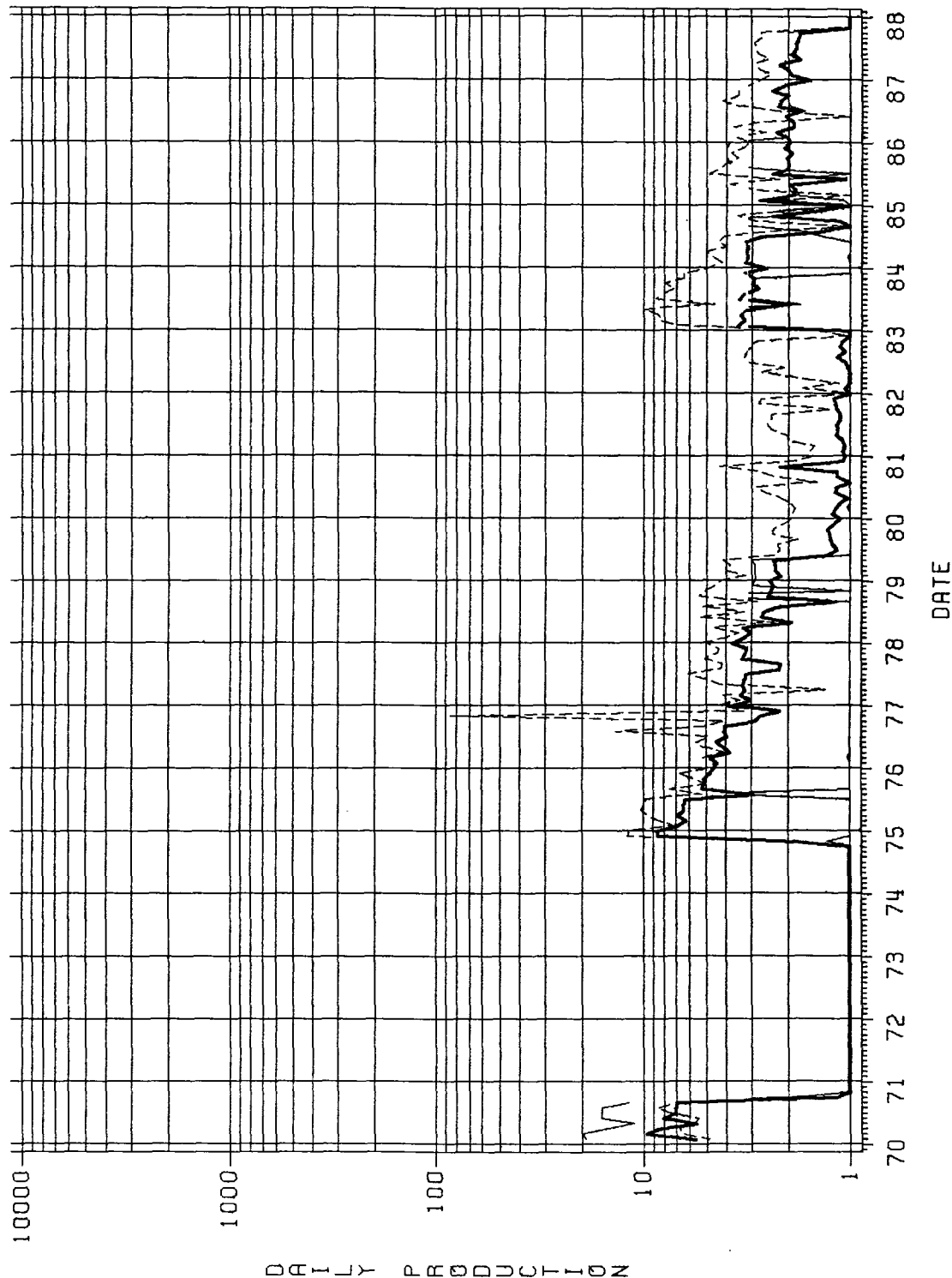
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

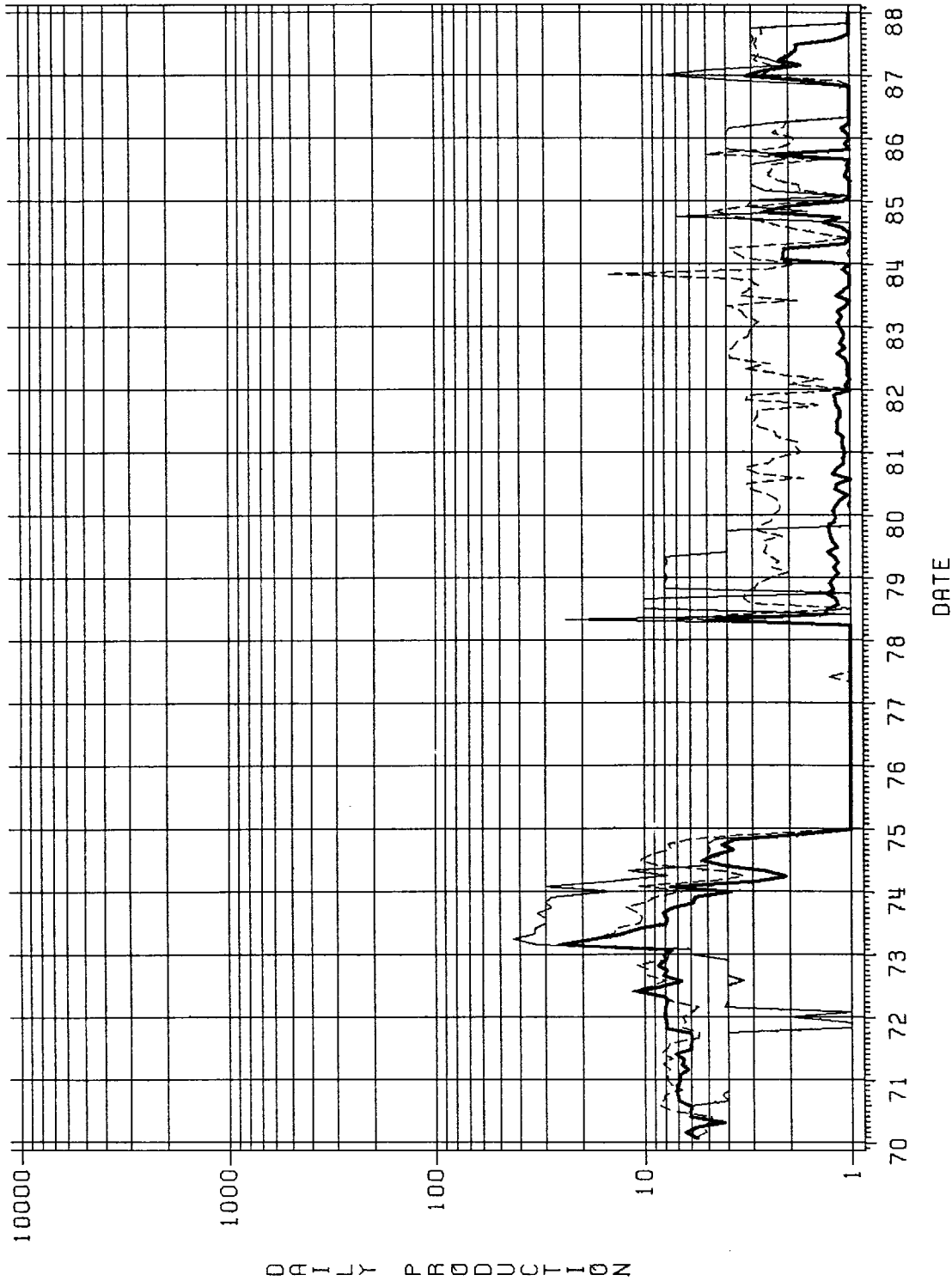
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LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

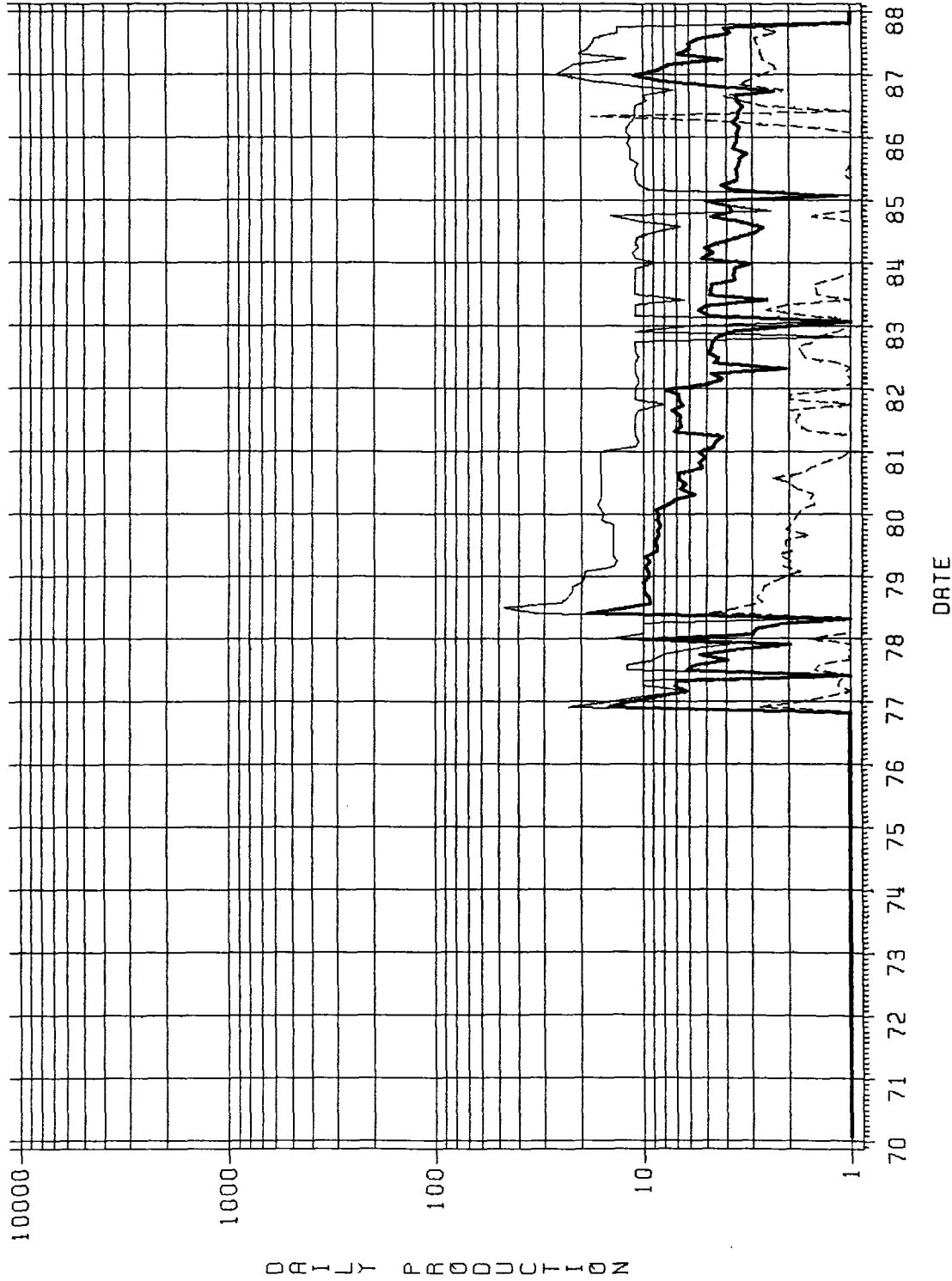
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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

PRODUCTION DATA PLOT

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HEAVY SOLID LINE=BOPD
SOLID LINE=BWPD
LIGHT DASHED LINE=MCFD

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO OG-809
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

June 6, 1988

Chevron U.S.A. Inc.
Attn: Mr. R. C. Anderson
P. O. Box 670
Hobbs, New Mexico 88240

Re: 1988 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5744

WRH/FOP/pm
encls.
cc: OCD
BLM



JIM BACA
COMMISSIONER

3506
State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

October 23, 1992

The Wiser Oil Company
8115 Preston Road, Suite 400
Dallas, Texas 75225

Attn: Mr. Richard L. Starkey

Re: Maljamar Grayburg Unit
Resignation/Designation of Successor Unit Operator
Lea County, New Mexico

Dear Mr. Starkey:

This office is in receipt of your letter of July 21, 1992, together with a Change of Operator Form wherein Chevron USA, Inc., has resigned as Unit Operator of the Maljamar Grayburg Unit and The Wiser Oil Company has been selected as the successor Unit Operator of said Unit.

Please be advised that the Commissioner of Public Lands has this date approved the resignation of Chevron USA Inc. and the Designation of The Wiser Oil Company as the successor Unit Operator of this unit. This change in operators is effective July 7, 1992. Our approval is subject to like approval by the Bureau of Land Management.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
OCD-Santa Fe
Chevron USA Inc.--Mr. D. H. Messer

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

May 22, 1989

Chevron U.S.A. Inc.
P.O. Box 670
Hobbs, New Mexico 88240

#3506

ATTN: R.C. Anderson
Division Manager, Production Department

RE: 1989 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned 1989 Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files. If we may be of further help, please do not hesitate to contact us.

Very truly yours,

W.R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando
FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5749

cc: OCD - Santa Fe, New Mexico
BLM
Unit Correspondence File

WRH/FOP/SMH



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

IN REPLY REFER TO:

FILE
44-111
23
67 May 23 AM 9 00

May 19, 1967

Standard Oil Company of Texas
P. O. Box 1660
Midland, Texas 79701

Attention: Mr. Pat O. Cross

Gentlemen:

Your letter of May 16 transmits a Certificate of Effectiveness for the Maljamar Grayburg unit agreement, Lea County, New Mexico, establishing the effective date of the unit agreement as May 1, 1967.

Copies of the Certificate are being distributed to the appropriate Federal offices.

Sincerely yours,

(ORIG. SENT BY AIR) (RECEIVED)

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of Certificate)
Hobbs (w/cy of Certificate)
BLM - Santa Fe (w/cy of Certificate)
NMOCC - Santa Fe (ltr. only) ✓
Com. of Pub. Lands (ltr. only)

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

June 6, 1967

C
O
P
Y

Standard Oil Company of Texas
P. O. Box 1660
Midland, Texas 79701

Gentlemen:

By a copy of a letter dated May 19, 1967, directed to you from the United States Geological Survey, this office was informed that the effective date of the Maljamar-Grayburg Unit Agreement is May 1, 1967.

Your attention is called to Paragraph (3), Page 2 of Commission Order No. R-3177, which reads in part as follows: "That the unit operator shall file with the Commission an executed original or executed counterpart of the unit agreement within 30 days after the effective date thereof." The above 30-day period expired one week ago. Your immediate compliance with the stated portion of Order No. R-3177 is requested.

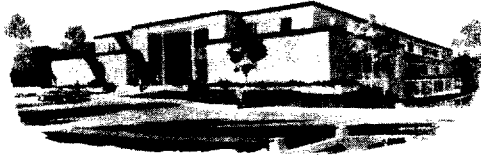
Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

*Conserved copy
delivered 6/15/67 by
Mr. asst Kellam*

State of New Mexico



Commissioner of Public Lands



October 19, 1967

GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

Standard Oil Company of Texas
P. O. Box 1660
Midland, Texas 79701

OCT 23 1967

Re: Cooperative Waterflood
Agreement
Maljamar Grayburg Unit
Lea County, New Mexico

ATTENTION: Mr. J. R. Graham

Gentlemen:

We are in receipt of your letter of September 29, 1967, whereby, you submitted two copies of a "Cooperative Waterflood Agreement" dated May 20, 1967, between Standard Oil Company of Texas as unit operator of the Maljamar-Grayburg Unit, Lea County, New Mexico, and Cima Capitan Inc. operator of noncommitted tract no. 3 located within the Maljamar-Grayburg unit area.

This agreement has been approved by the Commissioner of Public Lands as of this date. The United States Geological Survey approved it October 16, 1967.

We are returning one approved copy of the agreement.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Eddie Lopez, Supervisor
Unit Division

GBH/TR/EL/s
encl. 1.
cc: USGS-Roswell, New Mexico
OCC-Santa Fe, New Mexico

GOVERNOR
DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2088
SANTA FE

January 18, 1967

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Re: Case No. 3506
Order No. R-3177
Applicant:
STANDARD OIL CO. OF TEXAS

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,



A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC

Aztec OCC

Other _____

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO

March 6, 1967

Chevron Oil Company
P. O. Box 1600
Midland, Texas

Re: Maljamar Grayburg Unit
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the Maljamar Grayburg Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey. The Commissioner has also approved your Initial Plan of Operation.

We are handing to Mr. Pat Cross six Certificates of approval of the Unit Agreement, also Official Receipt No. H 30588 in the amount of Forty-five (\$45.00) Dollars which covers the filing fee.

Please furnish us a copy of Certificate of Determination by the United States Geological Survey, so we may process this Unit.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/v
encls.

cc: USGS-Roswell, N.M.
OCC-Santa Fe, N.M.

3506

March 6, 1967

Chevron Oil Company
P. O. Box 1660
Midland, Texas

Re: Initial Plan of Operation
Maljamar Grayburg Unit
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the Initial Plan of Operation, Maljamar Grayburg Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey.

We are returning one approved copy.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/MMR/v
encl.

cc: United States Geological Survey
Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1857
Roswell, New Mexico 88201

AM 8 49
MAY 1967

IN REPLY REFER TO:

3506

May 17, 1967

Standard Oil Company of Texas
P. O. Box 1660
Midland, Texas 79701

Attention: Mr. Jack L. Lawton

Gentlemen:

Your initial plan of operation for the Maljamar Grayburg unit area, Lea County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed.

Sincerely yours,

(ORIGINAL FILED) (ANDERSON)

JOHN A. ANDERSON
Regional Oil and Gas Supervisor

cc:
Washington (w/cy of plan)
Hobbs (w/cy of plan)
✓ NMOCC - Santa Fe (ltr. only)
Com. of Pub. Lands - Santa Fe (ltr. only)

State of New Mexico



Commissioner of Public Lands

ALEX J. ARMIJO
COMMISSIONER

April 23, 1981

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Chevron U.S.A. Inc.
P. O. Box 1660
Midland, Texas 79702

3506

Re: PLAN OF DEVELOPMENT
FOR THE CALENDAR YEAR 1981
MALJAMAR GRAYBURG UNIT
LOCATED IN LEA COUNTY, NEW MEXICO

ATTENTION: J. L. Rowland

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Plan of Development for the Maljamar Grayburg Unit, Lea County, New Mexico.

In the future please comply with all of the requirements of both the Federal and State governing bodies. Evntho you sent us a separate letter the Plan of Development itself should include the Commissioner of Public Lands since we have eighty acres of State lands committed to this unit.

Please submit to this office a monthly performance report together with an up to date map showing all well numbers and locations and current well status. Enclosed are two sample copies of the report, you may use whichever one you like. Both contain the requirements of this office. The report must include the years 1979 and 1980.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division

AJA/FOP/s

cc: OCD-Santa Fe, New Mexico
USGS-Albuquerque, New Mexico

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

October 23, 1980

3506
P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Chevron U. S. A., Inc.
P. O. Box 1660
Midland, Texas 79702

Re: Maljamar Grayburg Unit
Lea County, New Mexico
1980 PLAN OF DEVELOPMENT

ATTENTION: Mr. J. L. Rowland

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Plan of Development for the Maljamar Grayburg Unit, Lea County, New Mexico. The USGS gave their approval September 24, 1980.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee. In the future please submit three (3) copies of the Plan of Development to this office together with your letter requesting the Commissioners approval.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505-827-2748

AJA/FOP/s
encl.
cc:

OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico

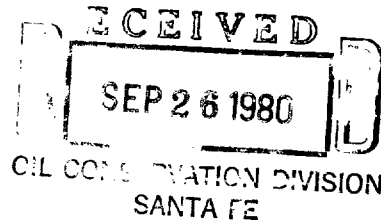


United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125

24 SEP 1980

Chevron U. S. A., Inc.
Attention: E. E. Hagan
P. O. Box 1660
Midland, Texas 79702



3506

Gentlemen:

Four approved copies of your 1980 plan of development for the Maljamar Grayburg unit area, Lea County, New Mexico are enclosed. Such plan, proposing to drill the Unit Well #78 in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ section 3, T. 7 S., R. 32 E., N.M.P.M., was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

Jack Willock
Acting Deputy Conservation
Manager, Oil and Gas

Enclosures

cc:
NMOCD, Santa Fe

South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125



JUL 29 1981

3506

Chevron U.S.A. Inc.
Attn: J. L. Rowland
P. O. Box 1660
Midland, Texas 79702

Gentlemen:

One approved copy of your 1981 plan of development for the Maljamar Grayburg unit area, Lea County, New Mexico is enclosed. Such plan, proposing to drill the Maljamar unit No. 78, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

FOR Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc:
NMOCD, Santa Fe
Comm of Pub Lands, Santa Fe
DS, Roswell (w/encl)

RECEIVED
SEP 28 1981
OIL CONSERVATION
South Central Region
P. O. Box 28124
Albuquerque, New Mexico 87125-6124

SEP 22 1981

Chevron U.S.A., Inc.
Attention: J. L. Rowland
P. O. Box 1660
Midland, Texas 79702

3500

Gentlemen:

An approved copy of your amended 1981 plan of development for the Maljamar Grayburg unit area, Lea County, New Mexico is enclosed. Such plan, proposing the drilling of two additional unit wells, the number 79 and 80, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

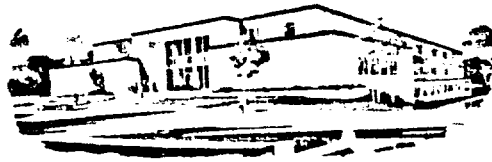
(ORIG. SGD.) JAMES W. SHELTON

FOR Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

Enclosure

cc:
NMOCD, Santa Fe/
Comm. of Public Lands, Santa Fe
DS, Roswell (w/encl)

State of New Mexico



Commissioner of Public Lands

September 28, 1981

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

3506

Chevron U. S. A. Inc.
P. O. Box 1660
Midland, Texas 79702

Re: REVISED PLAN OF DEVELOPMENT
FOR THE CALENDAR YEAR 1981
MALJAMAR GRAYBURG UNIT
LEA COUNTY, NEW MEXICO

ATTENTION: Mr. J. L. Rowland

Gentlemen:

The Commissioner of Public Lands has this date approved your Revised 1981 Plan of Development for the Maljamar Grayburg Unit, Lea County, New Mexico. This is subject to like approval by the USGS.

Such revised plan proposes the testing of the unit well No. 78 and the drilling of two more wells, the Maljamar Unit Well No. 79 and Maljamar Unit Well No. 80.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-2748

AJA/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USGS-Albuquerque, New Mexico

RECEIVED
FEDERAL LAND DIVISION
SANTA FE
2 - MAR 1983

Chevron USA, Incorporated
Attention: W. D. Edman
P. O. Box 1660
Midland, Texas 79702

Gentlemen:

An approved copy of your 1983 plan of development for the Maljamar Grayburg unit area, Lea County, New Mexico is enclosed. Such plan, proposing to evaluate further workovers for 1983 was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:
Comm. of Public Lands
✓N.M.O.C.D.
District Supervisor, Roswell (w/encl)
File, Maljamar Grayburg Unit
O&G Chrono

RAKent:dm:3-22-83

State of New Mexico



Commissioner of Public Lands

December 17, 1981

ALEX J. ARMIJO
COMMISSIONER

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Chevron U.S.A. Inc.
P. O. Box 1660
Midland, Texas 79702

3506

Re: 1982 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

ATTENTION: Mr. J. L. Rowland

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Plan of Development for the Maljamar Grayburg Unit, Lea County, New Mexico. Such plan proposes the drilling of two additional infill wells Nos. 79 and 80 for the period ending December 31, 1982. Our approval is subject to like approval by the United States Geological Survey and the Oil Conservation Division.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director,
Oil and Gas Division
AC 505/827-2748

AJA/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USGS-Albuquerque, New Mexico



United States Department of the Interior

GEOLOGICAL SURVEY
South Central Region
P. O. Box 26124
Albuquerque, New Mexico 87125

JAN 15 1982

Chevron U.S.A., Inc.
Attention: J. L. Rowland
P. O. Box 1660
Midland, Texas 79702

3506

Gentlemen:

Four approved copies of your 1982 plan of development for the Maljamar Grayburg unit area, Lea County, New Mexico, are enclosed. Such plan, proposing the drilling of two additional wells, the number 79 and 80 in early 1982, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SCD.) JAMES W. CHILTON

FOR Gene F. Daniel
Deputy Conservation Manager
Oil and Gas

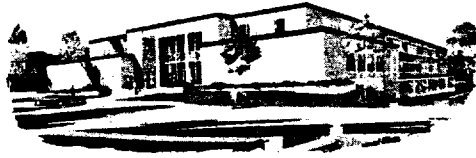
Enclosures

cc:
NMOCD, Santa Fe



JIM BACA
COMMISSIONER

3506
State of New Mexico



Commissioner of Public Lands

February 24, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Chevron U.S.A. Inc.
P. O. Box 1660
Midland, Texas 79702

Re: 1983 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

ATTENTION: Mr. W. D. Edman

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Plan of Development for the Maljamar Grayburg Unit, Lea County, New Mexico. Such plan proposes to evaluate further workovers during 1983. Our approval is subject to like approval by the United States Minerals Management Service and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Please remit a Three Dollar filing fee.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

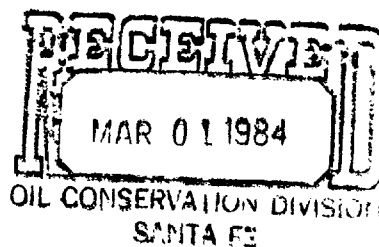
BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.
cc:

OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico



Chevron U.S.A. Inc.
P. O. Box 1660, Midland, TX 79702



February 15, 1984

Production Department
Mid-Continent Division

The United States Department of the Interior
Plan of Development
For the Calendar Year 1984
Maljamar Grayburg Unit
Lea County, New Mexico

#3506

United States Department of the Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

1984 Development Plan
↓

Gentlemen:

Chevron U.S.A. Inc., as operator of the Maljamar Grayburg Unit submits for approval the 1984 Plan of Development covering Federal and State Lands held by the Unit.

| <u>SUMMARY DATA</u> | <u>AS OF</u>
<u>12-31-82</u> | <u>AS OF</u>
<u>12-31-83</u> |
|---|---------------------------------|---------------------------------|
| Acreage in Unit | 3,441 | 3,441 |
| Producing Acreage | 3,441 | 3,441 |
| Producing Gas Wells | 0 | 0 |
| Shut-In Gas Wells | 0 | 0 |
| Daily Average Dry Gas Production (MCF) | 0 | 0 |
| Producing Oil Wells | 29 | 30 |
| Shut-In Oil Wells | 8 | 7 |
| Daily Average Oil Production (BBL) | 125 | 123 |
| Daily Average Casinghead Gas Production (MCF) | 130 | 133 |

Development During 1983

The Maljamar Grayburg Unit No. 63 was reperforated and acidized in January, 1983, and returned to production. This well was shut-in prior to the work.

Development During 1984

The Maljamar Garyburg Unit No. 10 was acidized and returned to production in January, 1984. This well was shut-in prior to the work. Plans are to return the Maljamar Grayburg Unit No. 21 to production and to evaluate additional workovers for 1984.

Further Development

This plan of development is submitted for the period ending December 31, 1984. Upon expiration of this plan, another plan of development of Federal Lands committed to the Maljamar Grayburg Unit will be submitted for approval.

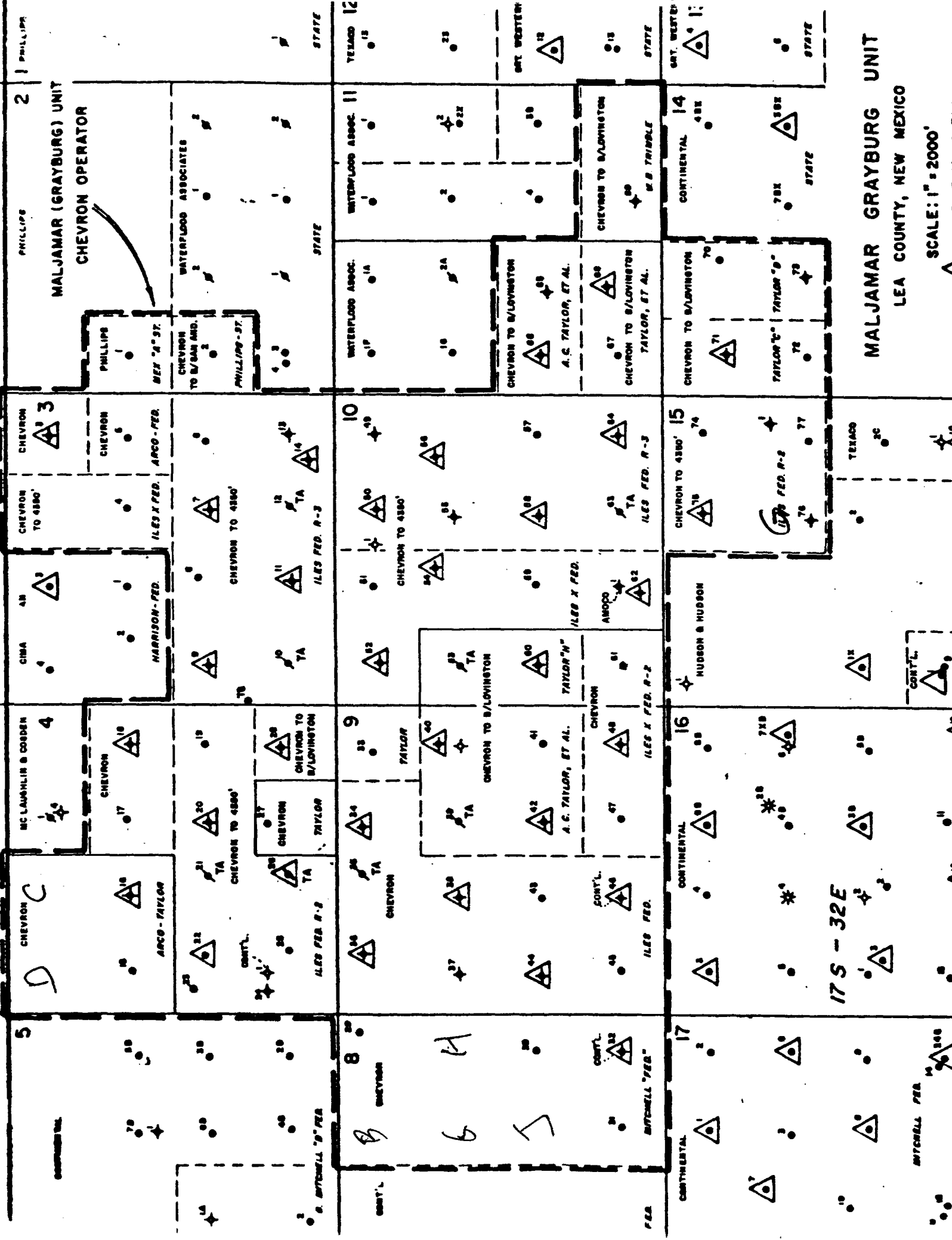
Yours very truly,



W. D. Edman
Division Manager

RFL:srm
Attachment

MALJAMAR (GRAYBURG) UNIT
CHEVRON OPERATOR



MALJAMAR GRAYBURG UNIT
LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

INJECTION WELL

17S - 32E

MITCHELL PER

MITCHELL PER

| | JAN. | FEB. | MARCH | APRIL | MAY | JUNE | JULY | AUG. | SEPT. | OCT. | NOV. | DEC. |
|--------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Daily Average | 413 | 436 | 434 | 481 | 455 | 502 | 434 | 495 | 520 | 520 | 583 | 599 |
| Cumulative | | | | | | | | | | | | |
| Since Project | 17,728,949 | 17,741,157 | 17,754,611 | 17,769,041 | 17,783,146 | 17,798,206 | 17,811,660 | 17,827,005 | 17,842,605 | 17,858,725 | 17,876,215 | 17,894,784 |
| Injected -
UPPER ZONE | | | | | | | | | | | | |
| Daily Average | | | | | | | | | | | | |
| Injected -
LOWER ZONE | | | | | | | | | | | | |
| Daily Average | | | | | | | | | | | | |

WELL STATUS

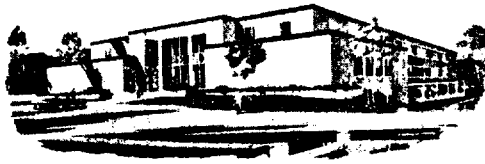
| | | | | | | | | | | | | |
|--------------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Producing Active | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Producing Inactive | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Water Injection Active | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Injection Inactive | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Gas Injection Active | | | | | | | | | | | | |
| Gas Injection Inactive | | | | | | | | | | | | |
| Water Supply Active | | | | | | | | | | | | |
| Water Supply Inactive | | | | | | | | | | | | |

CUMULATIVE OIL PRODUCTION PRIOR TO PROJECT NOT AVAILABLE.

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

March 5, 1984

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Use:
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Chevron U.S.A. Inc.
P. O. Box 1660
Midland, Texas 79702

Re: 1984 Plan of Development
Maljamar Grayburg Unit
Lea County, New Mexico

ATTENTION: Mr. W. D. Edman

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the Maljamar Grayburg Unit, Lea County, New Mexico. Such plan proposes to return the Maljamar Grayburg Unit Well No. 21 to production and to evaluate additional workovers for 1984. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

JB/RDG/pm
encls
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201

IN REPLY
REFER TO:

Maljamar Grayburg Unit

April 6, 1984

Chevron U.S.A., Incorporated
Attention: Mr. W. D. Edman
P.O. Box 1660
Midland, TX 79702

Gentlemen:

Enclosed is an approved copy of your 1984 Plan of Development and Operation for the Maljamar Grayburg Unit Area, Lea County, New Mexico, covering the period beginning January 1, 1984 and ending December 31, 1984. This plan, proposing to return Unit Well No. 21 to production and to evaluate additional workovers during 1984, was approved this date, subject to like approval by the New Mexico Commissioner of Public Lands and the New Mexico Oil Conservation Division.

Sincerely yours,

'Orig. Sgd.' Earl R. Cunningham

District Manager

Enclosure: (1)

cc: ✓ NMOCD, Santa Fe



TONY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

#3506

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

March 11, 1985

Chevron USA Inc.
P.O. Box 1660
Midland, Texas 79702

Attention: W. D. Edman

Re: The US Department of the
Interior Plan of
Development for Calendar
Year 1985 - Maljamar
Grayburg Unit - Lea
County, New Mexico

Dear Mr. Edman:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Hobbs



Chevron U.S.A. Inc.
P. O. Box 1660, Midland, TX 79702

February 29, 1985

W. D. Edman
Division Manager
Mid-Continent Division
Production Department

**The United States Department of the Interior
Plan of Development for Calendar Year 1985
Maljamar Grayburg Unit
Lea County, New Mexico**

United States Department of the Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, New Mexico 87501

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

Chevron U.S.A. Inc., as operator of the Maljamar Grayburg Unit, submits for approval the 1985 Plan of Development covering Federal and State lands held by the unit.

| <u>SUMMARY DATA</u> | <u>As Of
12-31-84</u> | <u>As Of
12-31-85</u> |
|---|---------------------------|---------------------------|
| Acreage in Unit | 3,441 | 3,441 |
| Producing Acreage | 3,441 | 3,441 |
| Producing Gas Wells | 0 | 0 |
| Shut-In Gas Wells | 0 | 0 |
| Daily Average Dry Gas Production (MCF) | 0 | 0 |
| Producing Oil Wells | 30 | 31 |
| Shut-In Oil Wells | 7 | 6 |
| Daily Average Oil Production (BBL) | 123 | 124 |
| Daily Average Casinghead Gas Production (MCF) | 133 | 73 |

Development During 1984

The Maljamar Grayburg Unit No. 10 was acidized and returned to production in January 1984. This well was shut in prior to the work.

Development in 1985

The Maljamar Grayburg Unit No. 21 was acidized and returned to production in January 1985. This well was shut in prior to the workover. The Maljamar Grayburg No. 26 was acidized and returned to injection in February 1985. This well was also shut in prior to the work. Chevron had planned to permanently abandon this well, but after re-evaluation of the project, it was decided to repair the Maljamar Grayburg Unit No. 26 and return it to injection. Chevron has received approval to convert the Maljamar Grayburg Unit No. 78 to injection. Currently, this work has been deferred pending further study. Plans for the Maljamar Grayburg Unit are to evaluate additional workovers for 1985.

Further Development

This Plan of Development is submitted for the period ending December 31, 1985. Upon expiration of this plan, another Plan of Development of Federal lands committed to the Maljamar Grayburg Unit will be submitted for approval.

Yours very truly,

A handwritten signature in black ink, appearing to read "W. D. Edman", with a long, sweeping horizontal stroke extending to the right.

W. D. Edman

BAU:cjc

| | JAN. | FEB. | MARCH | APRIL | MAY | JUNE | JULY | AUG. | SEPT. | OCT. | NOV. | DEC. |
|--------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Daily Average | 616 | 610 | 616 | 555 | 555 | 555 | 555 | 466 | 555 | 558 | 560 | 560 |
| Cumulative | | | | | | | | | | | | |
| Since Project | 17,913,880 | 17,931,570 | 17,950,666 | 17,967,316 | 17,984,521 | 18,001,171 | 18,018,376 | 18,032,813 | 18,049,450 | 18,066,763 | 18,083,577 | 18,100,930 |
| Injected -
UPPER ZONE | | | | | | | | | | | | |
| Daily Average | | | | | | | | | | | | |
| Injected -
LOWER ZONE | | | | | | | | | | | | |
| Daily Average | | | | | | | | | | | | |

WELL STATUS

| | | | | | | | | | | | | |
|--------------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| Producing Active | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| Producing Inactive | 6 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Water Injection Active | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Water Injection Inactive | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Gas Injection Active | - | - | - | - | - | - | - | - | - | - | - | - |
| Gas Injection Inactive | - | - | - | - | - | - | - | - | - | - | - | - |
| Water Supply Active | - | - | - | - | - | - | - | - | - | - | - | - |
| Water Supply Inactive | - | - | - | - | - | - | - | - | - | - | - | - |

CUMULATIVE OIL PRODUCTION PRIOR TO PROJECT NOT AVAILABLE.

| | JAN. | FEB. | MARCH | APRIL | MAY | JUNE | JULY | AUG. | SEPT. | OCT. | NOV. | DEC. |
|--|------|------|-------|-------|-----|------|------|------|-------|------|------|------|
|--|------|------|-------|-------|-----|------|------|------|-------|------|------|------|

| | | | | | | | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| OIL (Barrels) | | | | | | | | | | | | |
| Allowable | 7,998 | 7,482 | 7,998 | 7,740 | 8,029 | 7,770 | 8,029 | 8,029 | 7,770 | 8,029 | 7,770 | 8,029 |
| Produced | 4,109 | 3,824 | 3,939 | 3,694 | 3,732 | 3,704 | 3,815 | 3,980 | 3,613 | 3,786 | 3,597 | 3,672 |
| Daily Average | 133 | 132 | 127 | 123 | 120 | 123 | 123 | 128 | 120 | 122 | 120 | 118 |
| Cumulative Since Project | 4,258,332 | 4,262,156 | 4,266,095 | 4,269,789 | 4,273,521 | 4,277,225 | 4,281,040 | 4,285,020 | 4,288,633 | 4,292,419 | 4,296,016 | 4,299,688 |

| | | | | | | | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| WATER (Barrels) | | | | | | | | | | | | |
| Produced | 18,788 | 17,145 | 17,704 | 18,202 | 14,304 | 16,285 | 16,095 | 16,796 | 12,384 | 16,108 | 14,750 | 14,033 |
| Daily Average | 606 | 591 | 571 | 607 | 461 | 543 | 519 | 542 | 413 | 520 | 492 | 543 |
| % Total Fluid | 82.1 | 81.8 | 81.8 | 83.1 | 79.3 | 81.5 | 80.8 | 80.8 | 77.4 | 80.9 | 80.4 | 79.3 |
| Cumulative Since Project | 5,223,034 | 5,240,179 | 5,257,883 | 5,276,085 | 5,290,389 | 5,306,674 | 5,322,769 | 5,339,565 | 5,351,949 | 5,368,057 | 5,382,807 | 5,396,840 |

| | | | | | | | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| GAS (MCF) | | | | | | | | | | | | |
| Produced | 2,423 | 2,368 | 2,764 | 2,009 | 2,264 | 2,275 | 2,549 | 2,722 | 2,397 | 1,660 | 1,572 | 1,637 |
| GOR | 590 | 619 | 702 | 544 | 607 | 614 | 668 | 684 | 663 | 438 | 437 | 446 |
| Cumulative Since Project | 4,183,280 | 4,185,648 | 4,188,412 | 4,190,421 | 4,192,685 | 4,194,960 | 4,197,509 | 4,200,231 | 4,202,628 | 4,204,288 | 4,205,860 | 4,207,497 |

| | | | | | | | | | | | | |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| INJECTION | | | | | | | | | | | | |
| WATER (Barrels) | | | | | | | | | | | | |
| Injected - | | | | | | | | | | | | |
| TOTAL BOTH | | | | | | | | | | | | |
| ZONES | 19,096 | 17,690 | 19,096 | 16,650 | 17,205 | 16,650 | 17,205 | 14,437 | 16,637 | 17,313 | 16,814 | 17,353 |

