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**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

January 6, 1994

FILED  
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JAN 11 1994  
DIVISION  
8 21

**Re: 1994 Plan of Development/Operations  
Lusk Deep Unit A  
Contract No. 14-08-001-6783  
EDDY AND LEA COUNTIES,  
NEW MEXICO**

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

Attention: Mr. Tony Ferguson  
Assistant District Manager, Minerals

Gentlemen:

In reference to your correspondence of December 1993 (3180-065) and in compliance with Section 10 of the Unit Agreement of the Lusk Deep Unit, Eddy and Lea Counties, New Mexico, approved by the Acting Director, United States Geological Survey on May 17, 1960, and designated by Contract Number 14-08-001-6783, Phillips Petroleum Company respectfully submits for your consideration and approval the following Plan of Development/Operations for the unitized land.

1. Current Status:

There currently are 10 active producing wells.

Well No. 1 (Morrow) is an active gas well producing 1.4 BOPD and 240 MCFGPD. Well No. 13 (Atoka) is an active gas well producing 4 MCFGPD. Wells No. 4, 12, 14, 15, 17, 19, and 20 are producing from the Delaware formation averaging 95 BOPD, 265 MCFGPD, and 115 BWPD.

Well No. 5 is a Delaware/Atoka downhole commingled completion averaging 1.2 BOPD, 375 MCFGPD, and .5 BWPD.

United States Department of the Interior  
Bureau of Land Management  
Roswell District Office  
Roswell, NM

-2-

January 6, 1994

2. Future Operations:

Phillips Petroleum Company will continue current Unit operations in a responsible manner. The Upper Delaware Sands will be tested in Well No. 15. If successful, additional workovers in other wells will be performed and could result in development drilling.

3. Modifications:

This Plan of Operation may be modified from time to time with the approval of the Bureau of Land Management to meeting changing conditions.

4. Attachments:

Current Unit map.

Please contact me at (915) 368-1488 or Joy Maples at (915) 368-1667 if there are any questions regarding this Plan of Operation.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:JM:ehg  
Attachments

cc: State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Working Interest Owners

[illegible]

- 

LUK Deep Unit Area



0 2,000 4,000  
SCALE (FEET)



# PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

January 14, 1994

PHILLIPS PETROLEUM COMPANY  
RECEIVED  
94 JAN 14 AM 9 19

**Re: 1994 Plan of Development/Operations  
Lusk Deep Unit A  
Contract No. 14-08-001-6783  
EDDY AND LEA COUNTIES,  
NEW MEXICO**

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

Attention: Mr. Tony Ferguson  
Assistant District Manager, Minerals

Gentlemen:

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Well No. 5 is a Morrow/Atoka downhole commingled completion averaging 1.2 BOPD, 375 MCFGPD, and .5 BWPD.

United States Department of the Interior  
Bureau of Land Management  
Roswell District Office  
Roswell, NM

-2-

January 14, 1994

2. Future Operations:

Phillips Petroleum Company will continue current Unit operations in a responsible manner. The Upper Delaware Sands will be tested in Well No. 15. If successful, additional workovers in other wells will be performed and could result in development drilling.

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This Plan of Operation may be modified from time to time with the approval of the Bureau of Land Management to meeting changing conditions.


4. Attachments:

Current Unit map.

Please contact me at (915) 368-1488 or Joy Maples at (915) 368-1667 if there are any questions regarding this Plan of Operation.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



L. M. Sanders, Supervisor  
Regulatory Affairs

LMS:JM:ehg  
Attachments

cc: State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Working Interest Owners

RegPro:JMapl:LDUPInDv.94

The map displays a coastal region with a grid overlay. The grid is labeled with numbers 13, 18, 17, 19, 24, 25, 30, and 29. The map includes numerous points of interest, some marked with dots and others with crosses, and several areas enclosed by dashed lines. The map is oriented with North at the top.

Key features and labels on the map include:

- Grid Labels:** 13, 18, 17, 19, 24, 25, 30, 29.
- Points of Interest:**
  - 12713, 12697, 11800, 12715, 12637, 11420, 12900, 11887, 12518, 12320, 12574, 12433, 11300, 11313, 11330, 11340, 11487, 11000, 12473, 11407, 12773, 11350, 11354, 11356, 11357, 11358, 11359, 11360, 11361, 11362, 11363, 11364, 11365, 11366, 11367, 11368, 11369, 11370, 11371, 11372, 11373, 11374, 11375, 11376, 11377, 11378, 11379, 11380, 11381, 11382, 11383, 11384, 11385, 11386, 11387, 11388, 11389, 11390, 11391, 11392, 11393, 11394, 11395, 11396, 11397, 11398, 11399, 11400, 11401, 11402, 11403, 11404, 11405, 11406, 11407, 11408, 11409, 11410, 11411, 11412, 11413, 11414, 11415, 11416, 11417, 11418, 11419, 11420, 11421, 11422, 11423, 11424, 11425, 11426, 11427, 11428, 11429, 11430, 11431, 11432, 11433, 11434, 11435, 11436, 11437, 11438, 11439, 11440, 11441, 11442, 11443, 11444, 11445, 11446, 11447, 11448, 11449, 11450, 11451, 11452, 11453, 11454, 11455, 11456, 11457, 11458, 11459, 11460, 11461, 11462, 11463, 11464, 11465, 11466, 11467, 11468, 11469, 11470, 11471, 11472, 11473, 11474, 11475, 11476, 11477, 11478, 11479, 11480, 11481, 11482, 11483, 11484, 11485, 11486, 11487, 11488, 11489, 11490, 11491, 11492, 11493, 11494, 11495, 11496, 11497, 11498, 11499, 11500.
- Area Labels:** 9 P/A, 11 P/A, 2 P/A, 10 P/A, 3 P/A, 7 P/A, 6 P/A, 8 S.E., 19, 17, 15, 20, 14, 420, 13514, 13517, 13520, 13523, 13526, 13529, 13532, 13535, 13538, 13541, 13544, 13547, 13550, 13553, 13556, 13559, 13562, 13565, 13568, 13571, 13574, 13577, 13580, 13583, 13586, 13589, 13592, 13595, 13598, 13601, 13604, 13607, 13610, 13613, 13616, 13619, 13622, 13625, 13628, 13631, 13634, 13637, 13640, 13643, 13646, 13649, 13652, 13655, 13658, 13661, 13664, 13667, 13670, 13673, 13676, 13679, 13682, 13685, 13688, 13691, 13694, 13697, 13700, 13703, 13706, 13709, 13712, 13715, 13718, 13721, 13724, 13727, 13730, 13733, 13736, 13739, 13742, 13745, 13748, 13751, 13754, 13757, 13760, 13763, 13766, 13769, 13772, 13775, 13778, 13781, 13784, 13787, 13790, 13793, 13796, 13799, 13802, 13805, 13808, 13811, 13814, 13817, 13820, 13823, 13826, 13829, 13832, 13835, 13838, 13841, 13844, 13847, 13850, 13853, 13856, 13859, 13862, 13865, 13868, 13871, 13874, 13877, 13880, 13883, 13886, 13889, 13892, 13895, 13898, 13901, 13904, 13907, 13910, 13913, 13916, 13919, 13922, 13925, 13928, 13931, 13934, 13937, 13940, 13943, 13946, 13949, 13952, 13955, 13958, 13961, 13964, 13967, 13970, 13973, 13976, 13979, 13982, 13985, 13988, 13991, 13994, 13997, 14000.

- Delaware Participating Area  
 ■■■■■■ Lusk Deep Unit Area



0 2.000 4.000  
SCALE (FEET)

1992 MAR 19 10 34



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

March 19, 1993

1992/1993 Plan of Development/Operations  
Lusk Deep Unit A  
Contract No. 14-08-001-6783  
Eddy and Lea Counties, New Mexico

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

Attn: Mr. Armando A. Lopez  
Assistant District Manager, Minerals

Gentlemen:

In reference to your correspondence of December, 1992 (3180-065) and in compliance with Section 10 of the Unit Agreement of the Lusk Deep Unit, Eddy and Lea Counties, New Mexico approved by the Acting Director, United States Geological Survey on May 17, 1960 and designated by contract number 14-08-001-6783, Phillips Petroleum Company respectfully submits for your consideration and approval the following Plan of Development/Operations for the unitized land.

1) **Current Status:**

There currently are 8 active producing wells and 3 shut-in wells on the Unit.

Well No. 1 (Morrow) and Well No. 13 (Atoka) are shut in since November 1992. Wells will be reactivated as soon as upgrading of battery facilities is complete. Average production was 1 BO, 350 MCF, 0 BWPD. Wells No. 4, 12, 14, 15, 17, 19 and 20 are producing from the Delaware formation averaging 15 BOPD, 68 MCFPD, and 29 BWPD per well during 1992.

Well No. 5 is a Delaware/Atoka downhole commingled completion averaging 6 BOPD, 610 MCFPD, and 0 BWPD during 1992.

2) **Future Operations:**

Phillips Petroleum Company will continue current Unit operations in a responsible manner. Wells No. 12 and 15 will be evaluated for a possible workover in the Delaware. There are no other plans for further development or expansion of the unit at this time.

3) **Modifications:**

This Plan of Operation may be modified from time to time with the approval of the Bureau of Land Management to meeting changing conditions.

4) **Attachments:**

A current Unit map, individual well decline curves, and a composite Unit decline curve are attached.

Please contact me at (915) 367-1488 or Simone Gutberlet at (915) 367-1403 if there are any questions regarding this Plan of Operation.

Very truly yours,



L. M. Sanders, Supervisor  
Regulation and Proration

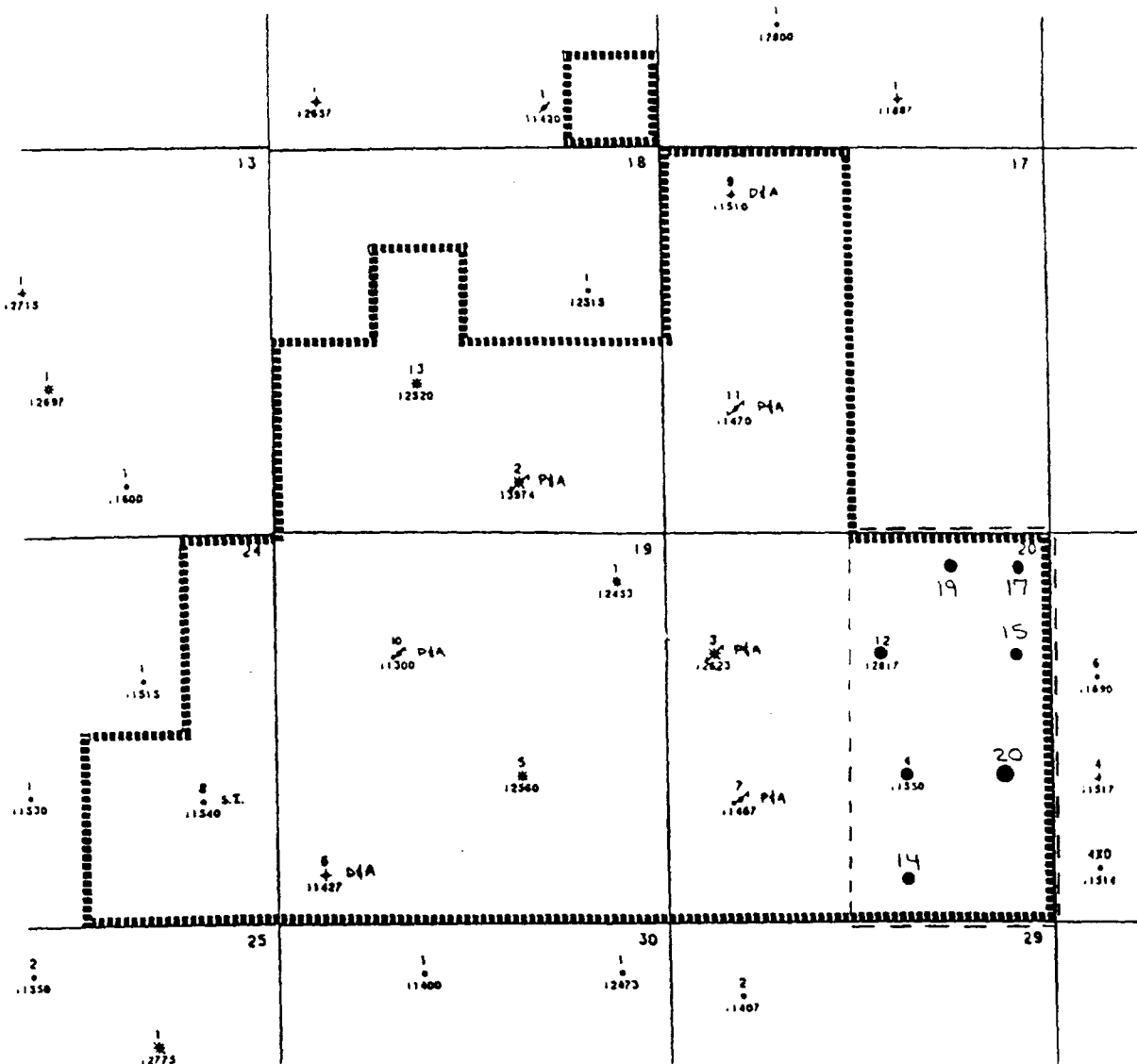
<sup>8/10</sup>  
LMS:SEG:jj



cc: State of New Mexico  
Energy and Minerals Department  
Oil and Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Working Interest Owners

# Exhibit "A"



• Delaware Completion

○

----- Delaware Participating Area



Lusk Deep Unit Area



PHILLIPS PETROLEUM



LUSK DEEP UNIT  
T-19-S. R-31-E & R-32-E  
EDDY AND LEA COUNTIES, NEW MEXICO

BASE MAP  
DATE: 2/20/87

0 2.000 4.000  
SCALE (FEET)

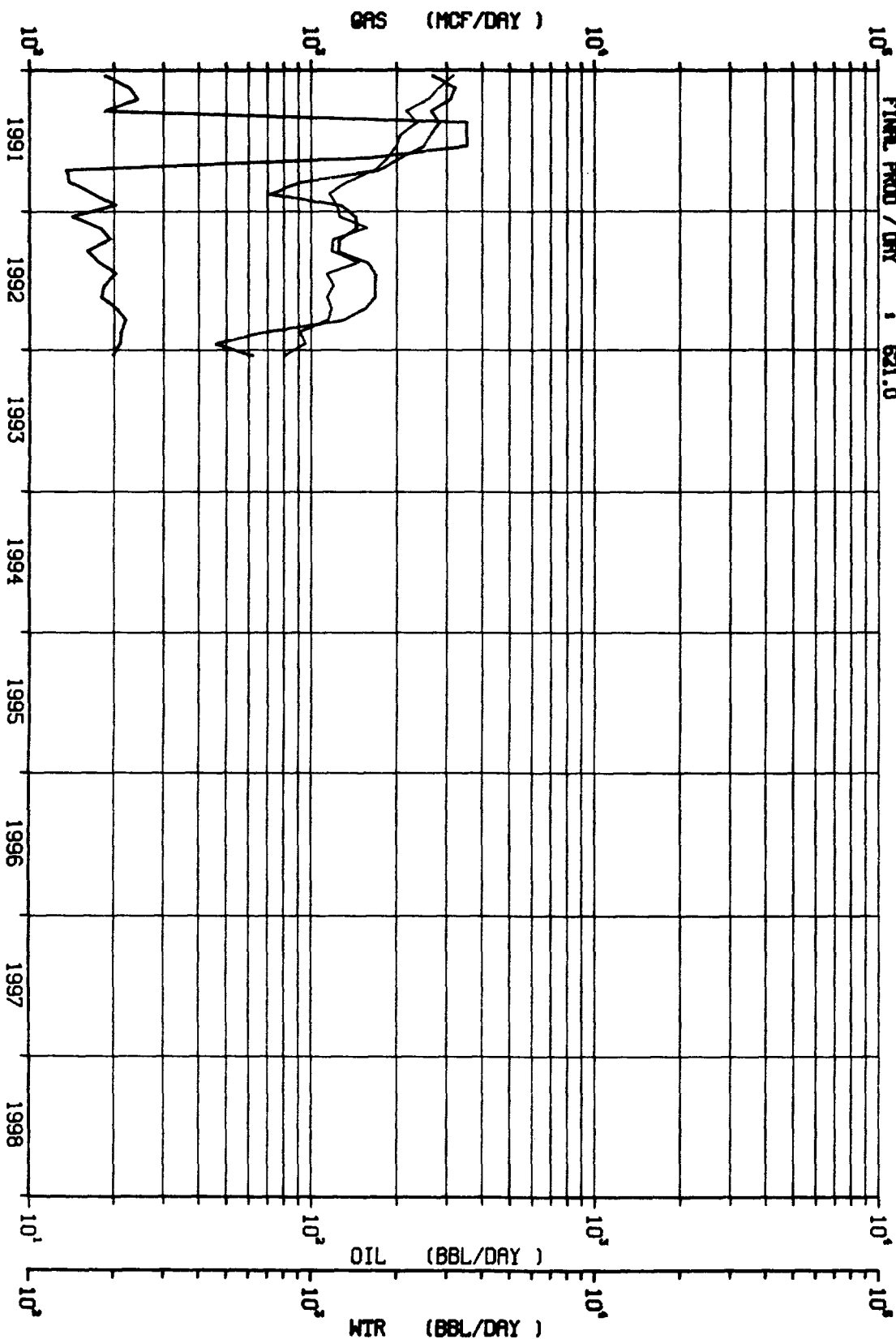
1/91-1/93

INITIAL PROD / DRY : 2675.5  
REMAINING LIFE : 2.06  
0.00

CLM PROD - UNITS : 1303.  
FINAL PROD / DRY : 621.0

CLMS - 1/93

1303. MCF GAS  
119799. BBL OIL  
485071. BBL WTR



LERSE-600137 : LUSK DEEP UNIT-A

PHS WELL PRODUCTION

LERSE-600137  
COMPOSITE

1/91-11/92

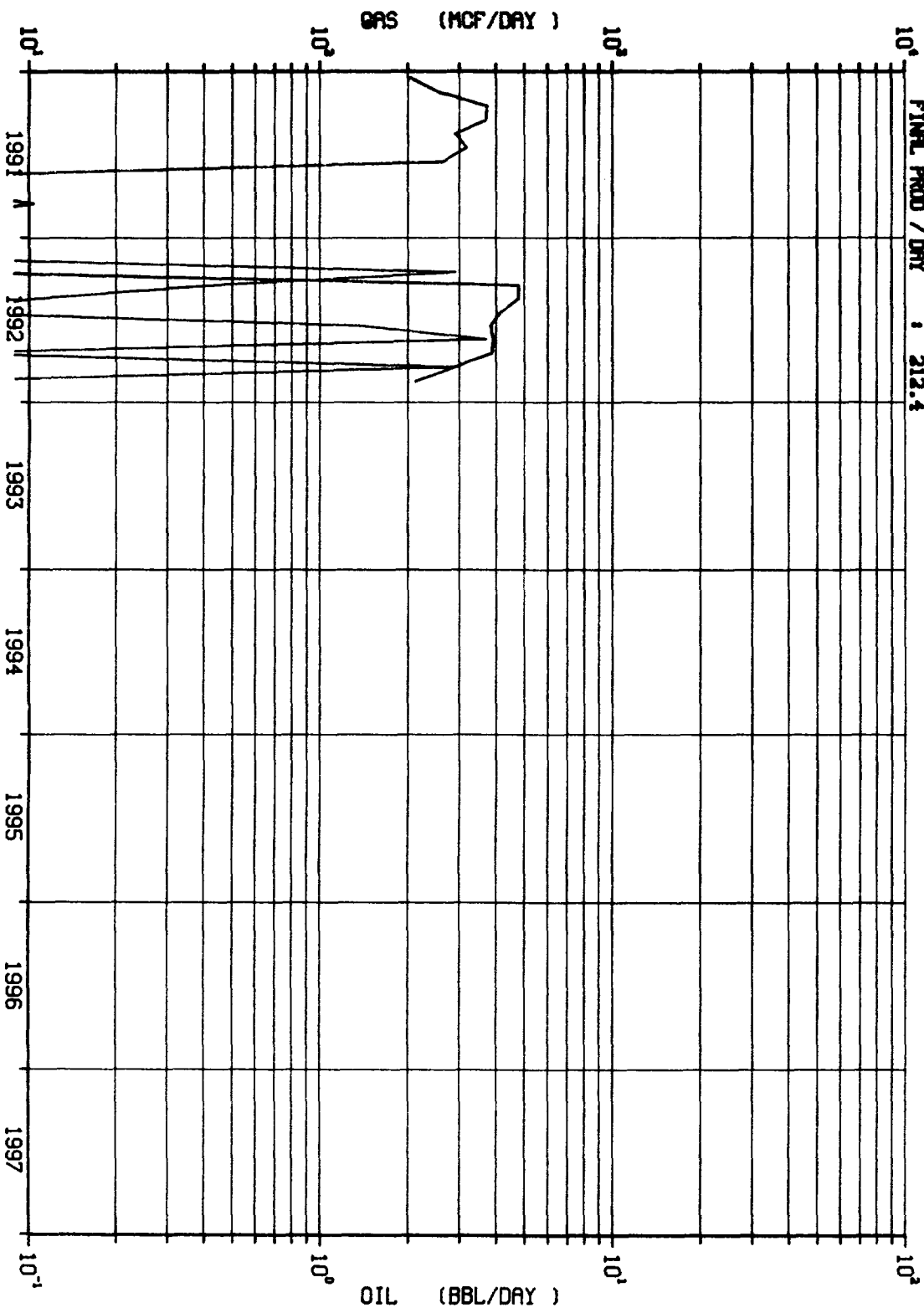
INITIAL PROD / DRY : 204.5  
REMAINING LIFE : 1.92

0.00

CUM PRODUCTION : 155534.  
FINL PROD / DRY : 212.4

CUMS - 11/92

155534. MCF GAS  
353. BBL OIL  
0. BBL MTR



LEASE- 600137 : LUSK DEEP UNIT-A  
RESVR- 186 : LUSK MORROM  
WELL - 000001 PHS WELL PRODUCTION

WELL-600137186000001  
API-30025009050000

1/91-1/93

INITIAL PROD / DAY : 265.8

REMAINING LIFE : 2.08

0.00

CUM PRODUCTION : 88168.

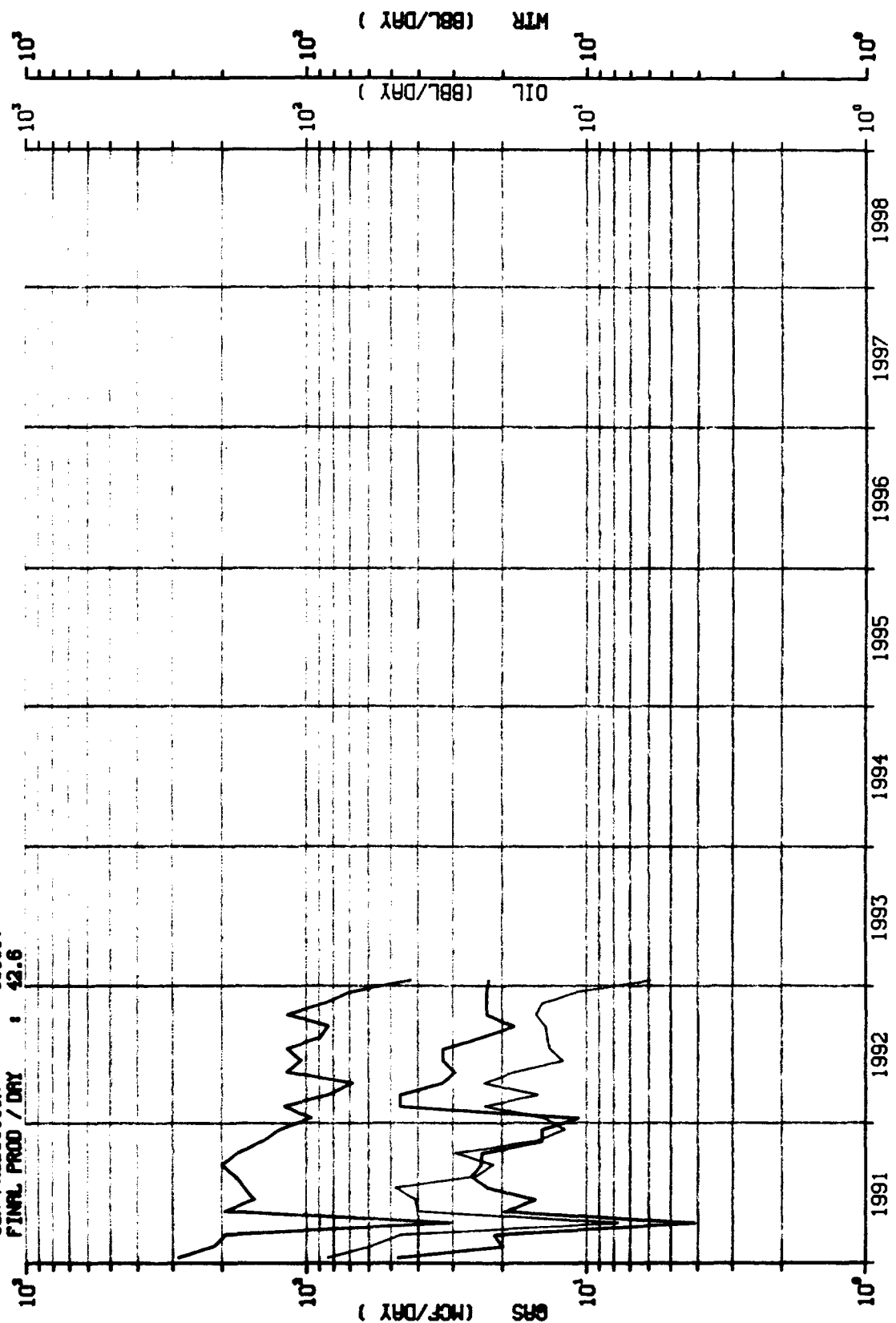
FINAL PROD / DAY : 42.6

CUMS - 1/93

88168. MCF GAS

18853. BBL OIL

18748. BBL MTR



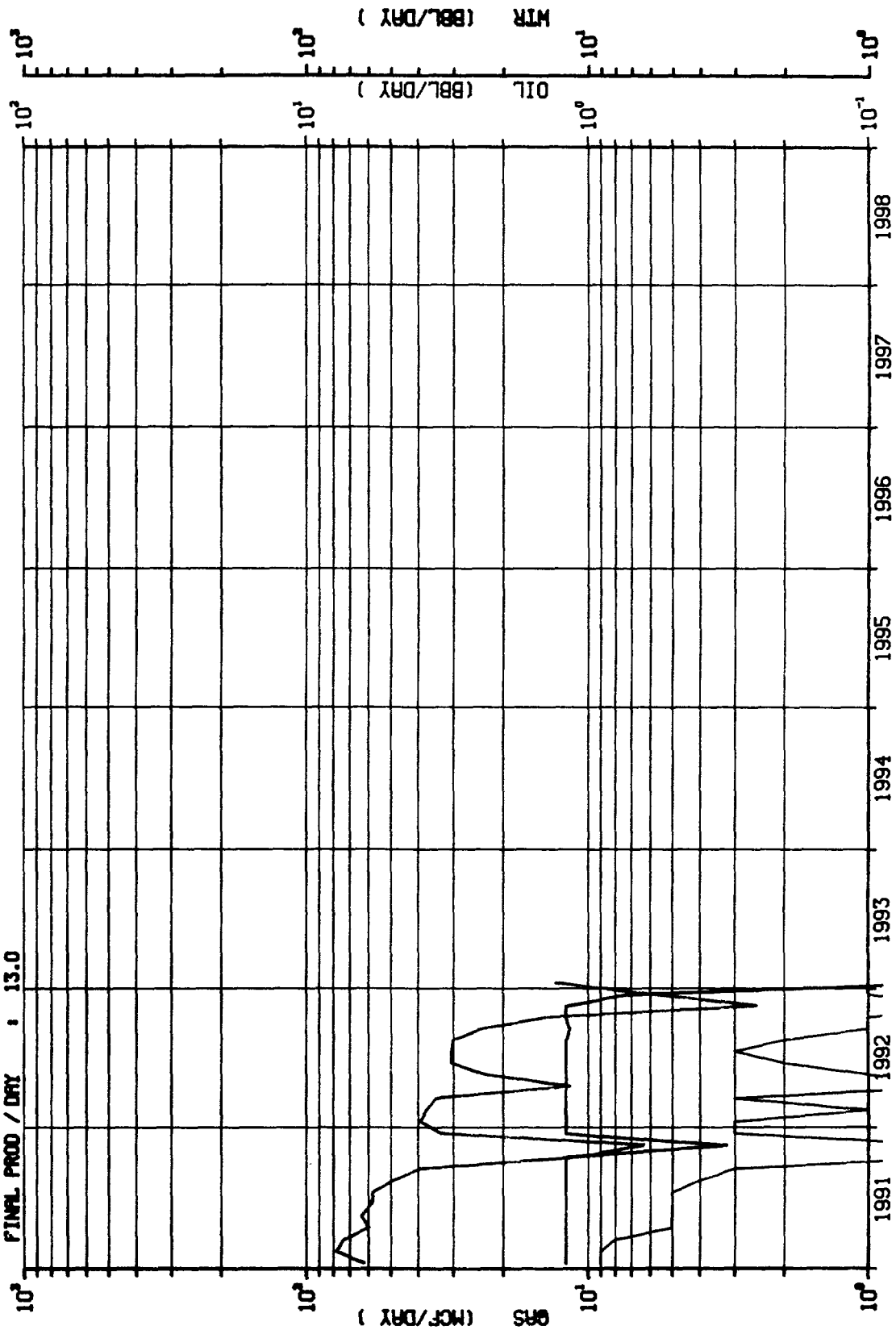
LERSE- 600137 : LUSK DEEP UNIT-A  
RESVR- 083 : LUSK WEST  
WELL - 000004 : PHS WELL PRODUCTION

WELL-600137083000004  
API-30025214880000

1/91-1/93

INITIAL PROD / DAY : 62.4  
 REMAINING LIFE : 2.08  
 0.00  
 CUM PRODUCTION : 26865.  
 FINAL PROD / DAY : 13.0

CUMS - 1/93  
 26865. MCF GAS  
 228. BBL OIL  
 8341. BBL MTR



LEASE- 600137 : LUSK DEEP UNIT-A  
 RESVR- 186 : LUSK  
 WELL - 000005 PHS WELL PRODUCTION

WELL-600137186000005  
 API-30025201220000

1/91-1/93

INITIAL PROD / DAY : 1486.3

REMAINING LIFE : 2.06

0.00

CUM PRODUCTION : 648803.

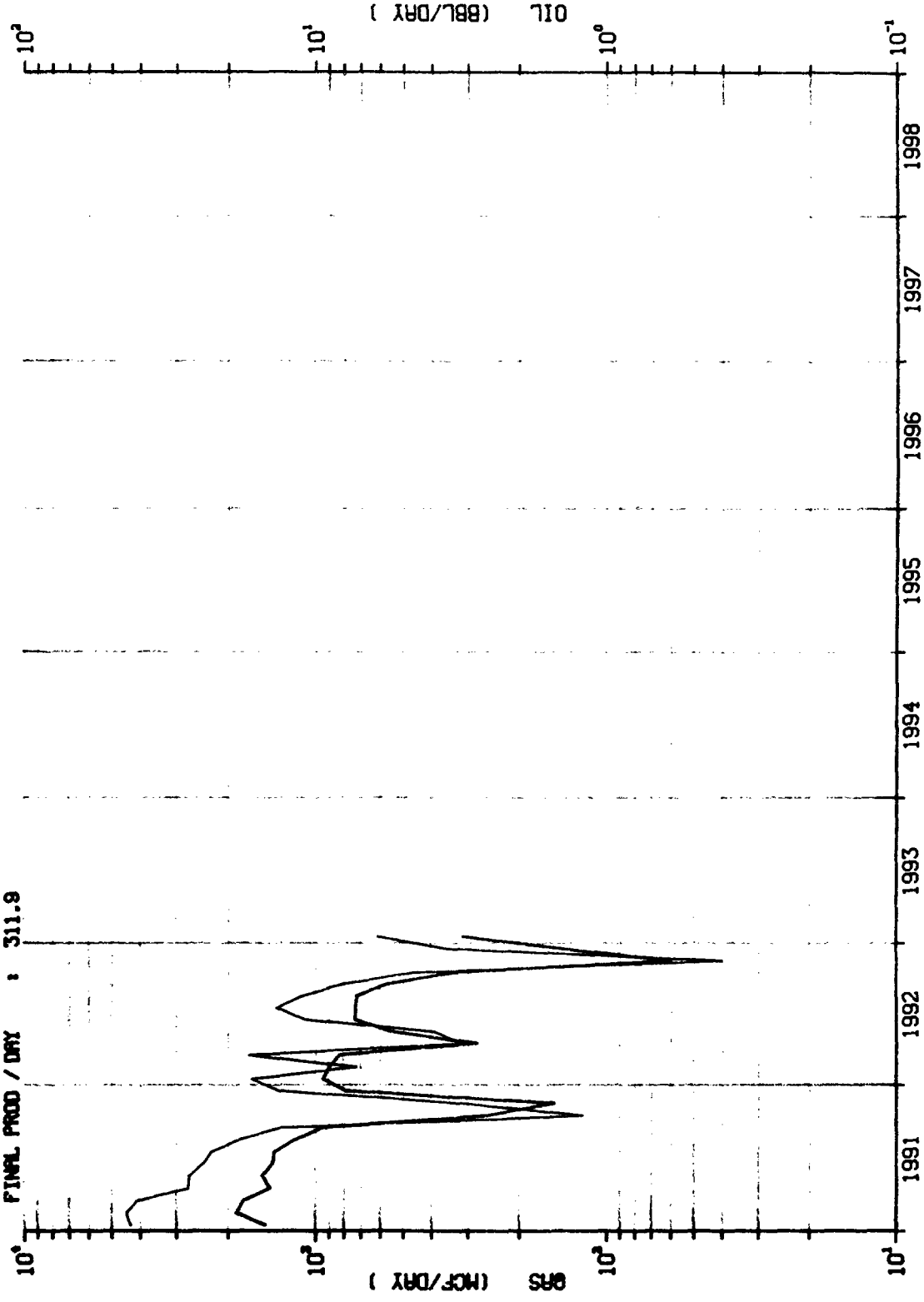
FINAL PROD / DAY : 311.9

CUMS - 1/93

648803. MCF GRS

11659. BBL OIL

0. BBL MTR



LEASE- 600137 : LUSK DEEP UNIT-A  
RESVR- 174 : LUSK  
WELL - 000005 PHS WELL PRODUCTION

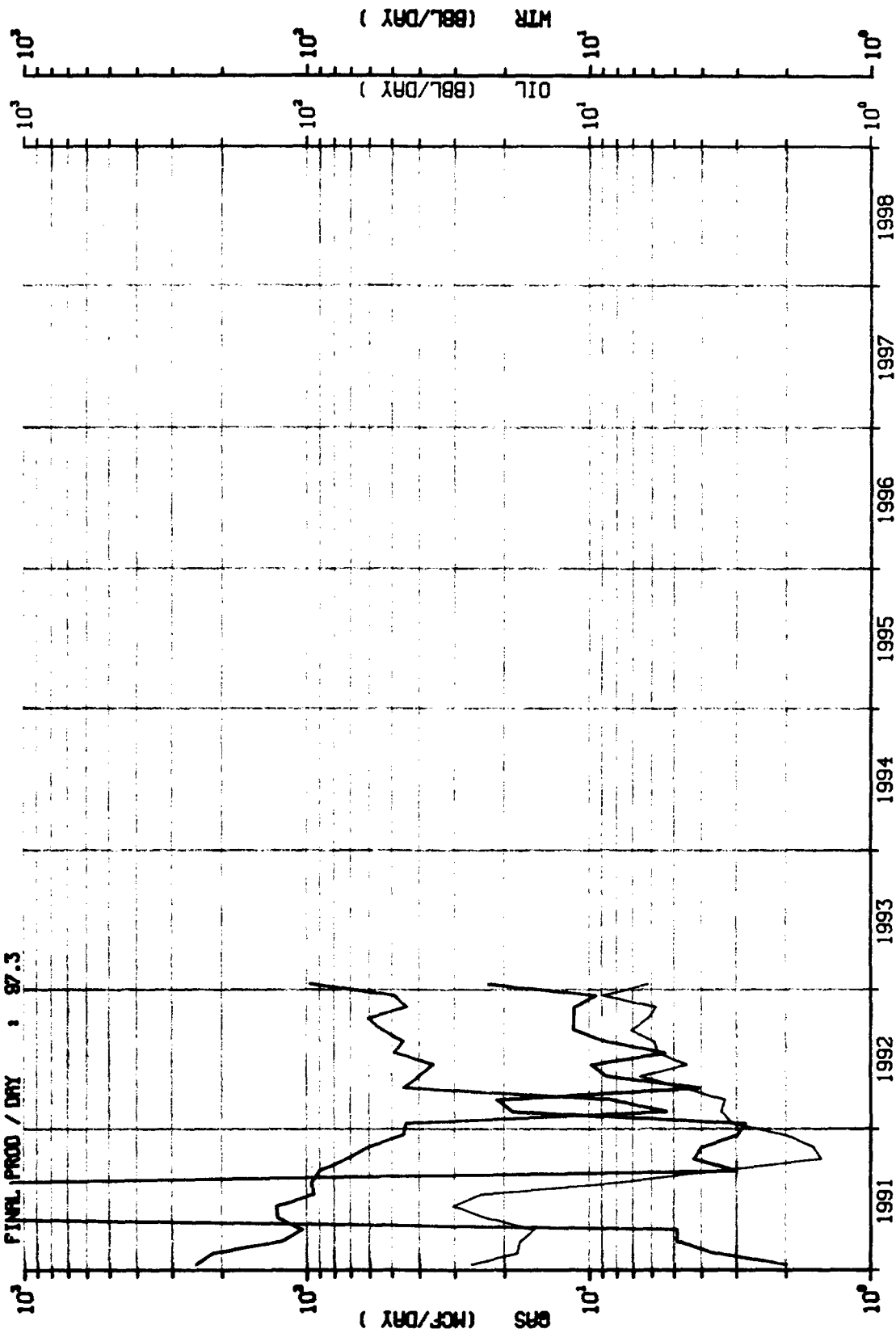
WELL-600137174000005  
API-30025201220000

1/91-1/93

INITIAL PROD / DAY : 247.5  
REMAINING LIFE : 2.08  
0.00

CUM PRODUCTION : 60344.  
FINAL PROD / DAY : 97.3

CUMS - 1/93  
60344. MCF GRS  
7395. BBL OIL  
363017. BBL MTR



LEASE- 600137 : LUSK DEEP UNIT-A  
RESV- 083 : LUSK WEST  
WELL - 000012 PHS WELL PRODUCTION

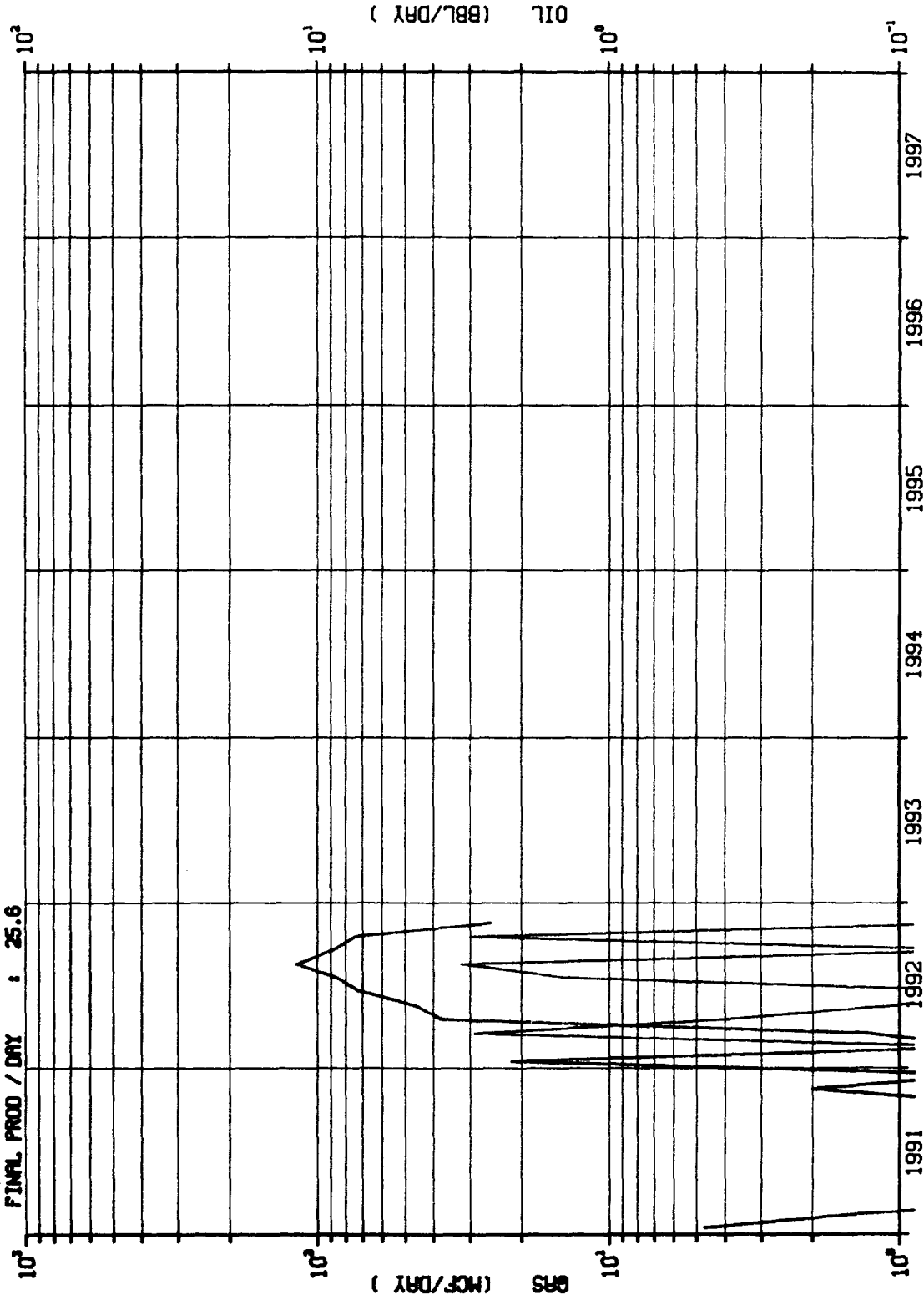
WELL-600137/083000012  
API-30025248690000



1/91-11/92

INITIAL PROD / DAY : 4.7  
REMAINING LIFE : 1.92  
CUM PRODUCTION : 17728.  
FINAL PROD / DAY : 25.6

CUMS - 11/92  
17728. MCF GRS  
347. BBL OIL  
0. BBL MTR



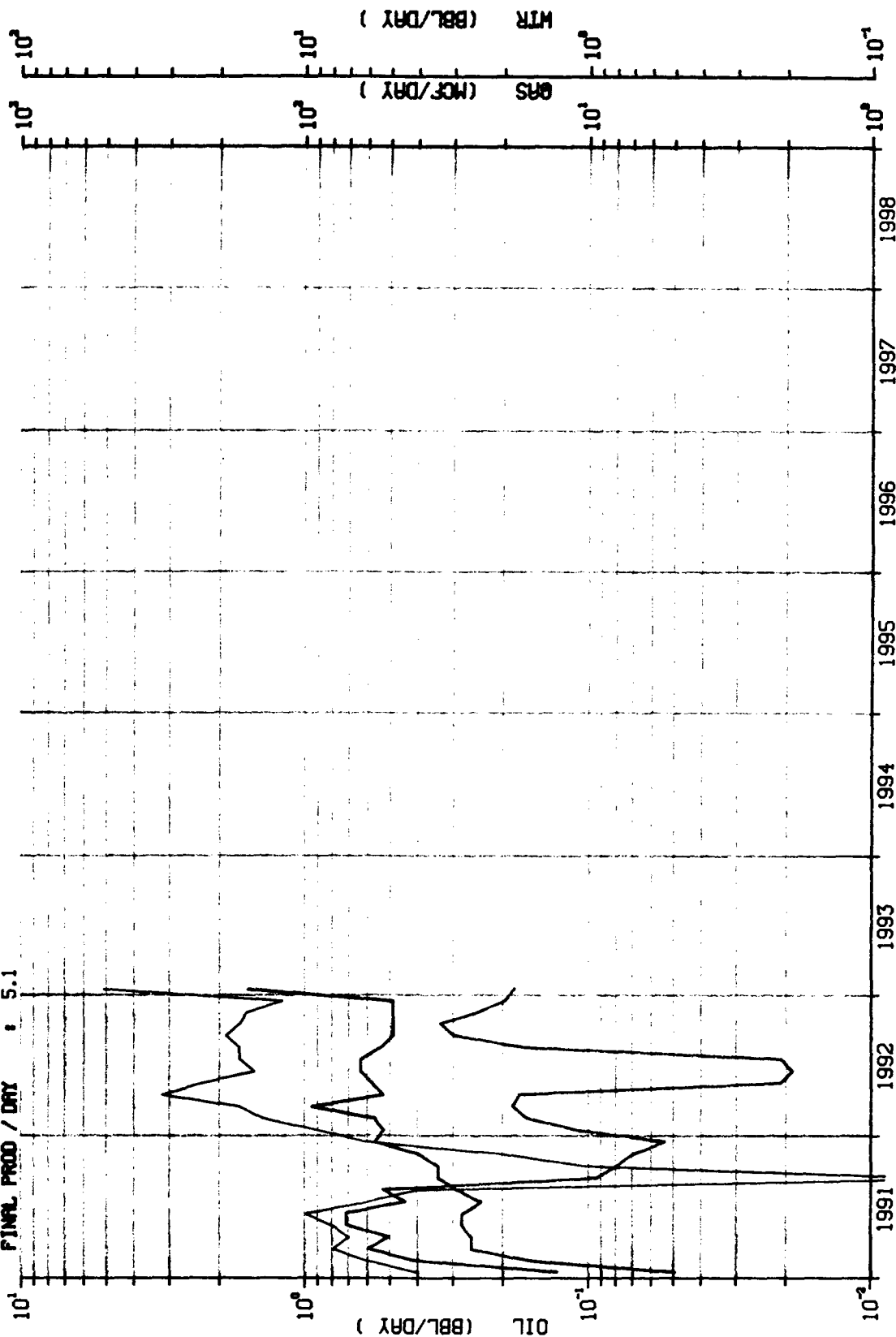
LERSE- 600137 : LUSK DEEP UNIT-A  
RESVR- 174 : LUSK  
WELL - 000013 PHS WELL PRODUCTION

WELL-600137174000013  
API-30025249740000

1/91-1/93

INITIAL PROD / DAY : 0.4  
 REMAINING LIFE : 2.08  
 CUM PRODUCTION : 979.  
 FINAL PROD / DAY : 5.1

CUMS - 1/93  
 979. BBL OIL  
 19729. MCF GAS  
 3684. BBL WTR



LERSE- 600137 : LUSK DEEP UNIT-A DELAWARE  
 RESVR- 083 : LUSK WEST  
 WELL - 000014 PHS WELL PRODUCTION

WELL-6001370830000014  
 API-30025304900000

1/91-1/93

INITIAL PROD / DAY : 58.8

REMAINING LIFE : 2.08

0.00

CUM PRODUCTION : 9350.

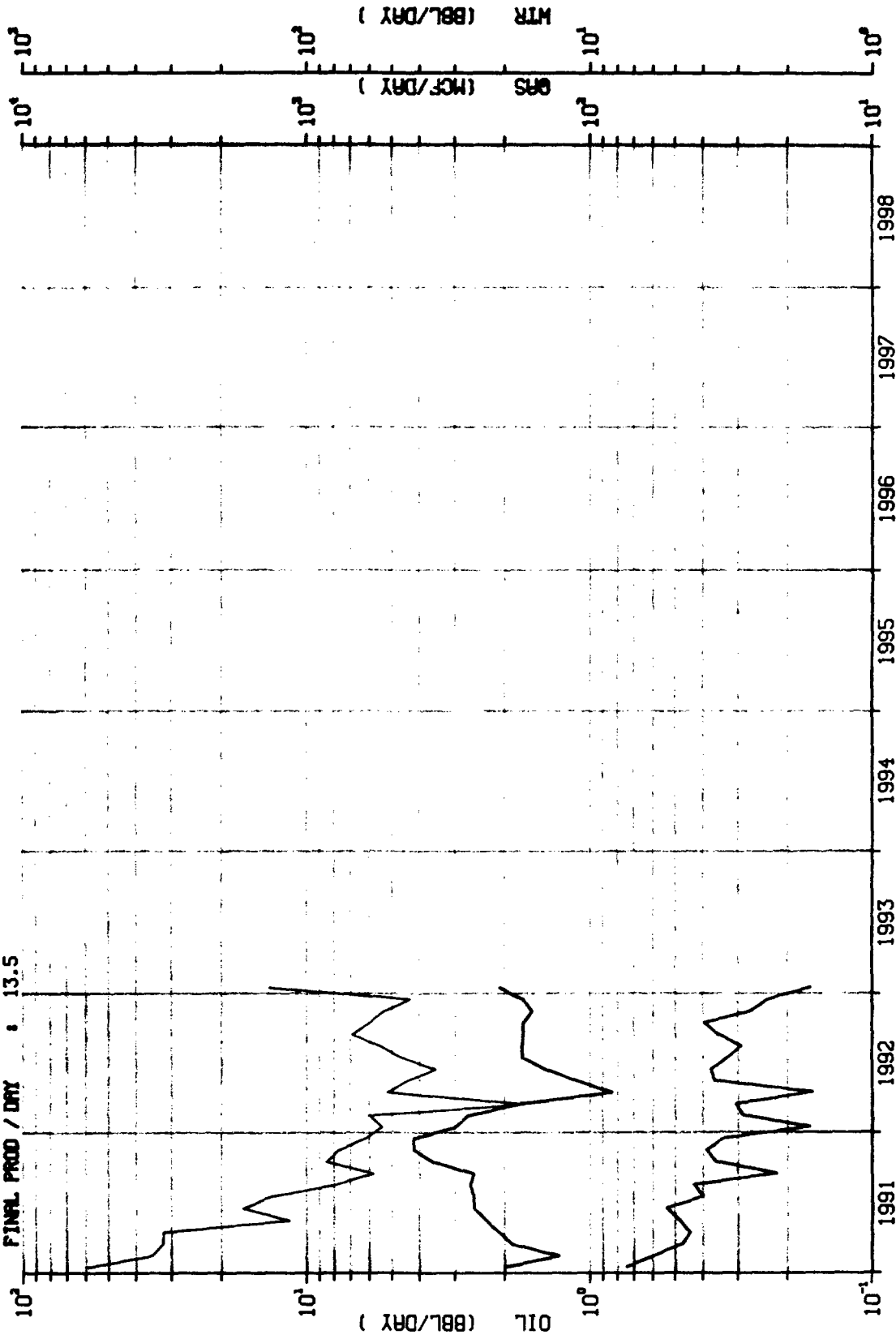
FINAL PROD / DAY : 13.5

CUMS - 1/93

9350. BBL OIL

27880. MCF GAS

18859. BBL WTR



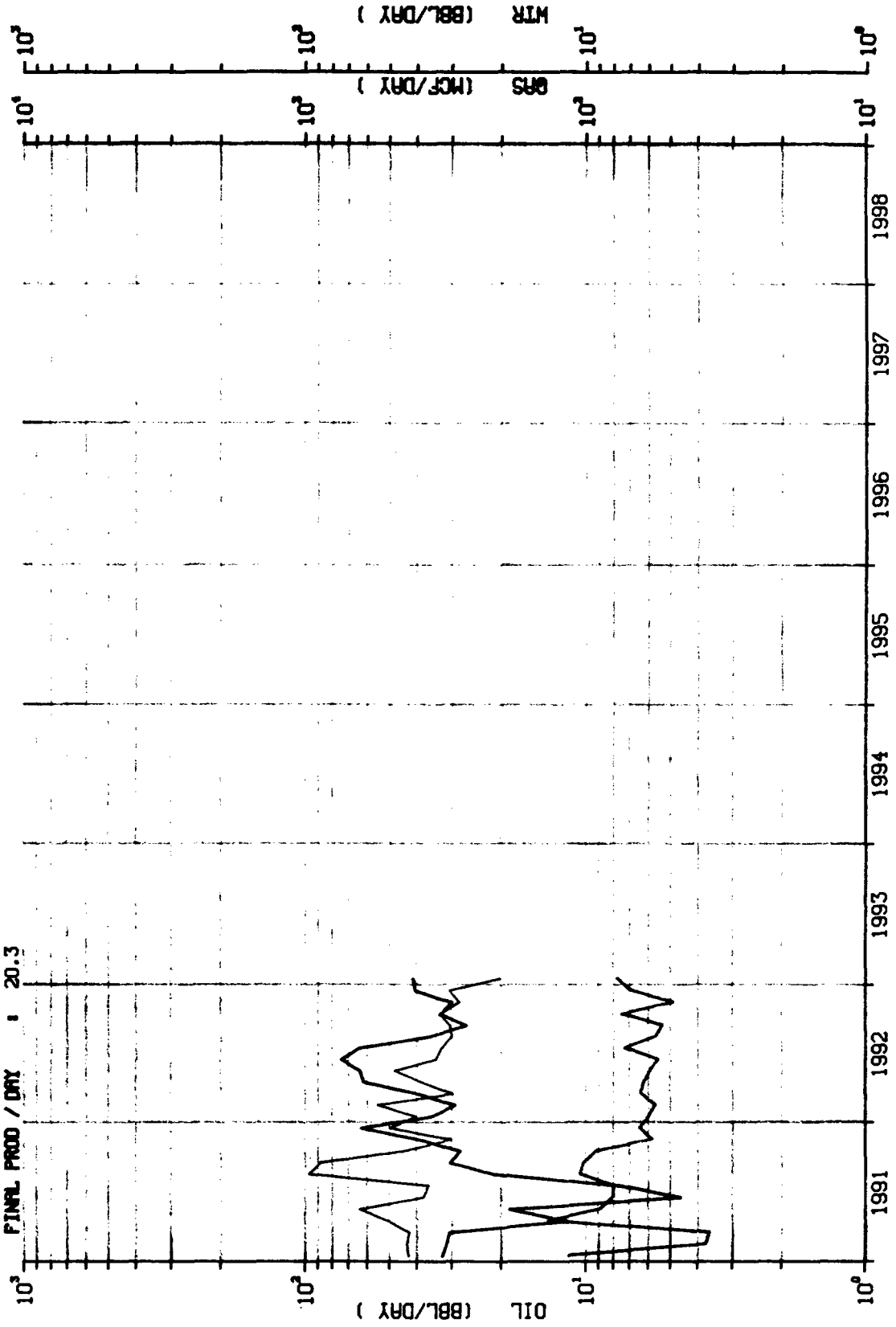
LEASE- 600137 : LUSK DEEP UNIT-A  
RESVR- 083 : LUSK WEST  
WELL - 000015 PHS WELL PRODUCTION

WELL-600137083000015  
API-30025304940000

1/91-1/93

INITIAL PROD / DAY : 42.7  
REMAINING LIFE : 2.08  
CUM PRODUCTION : 32741.  
FINAL PROD / DAY : 20.3

CUMS - 1/93  
32741. BBL OIL  
55158. MCF GAS  
27361. BBL MTR



LEASE- 600137 : LUSK DEEP UNIT-A DELAWARE  
RESVR- 083 : LUSK WEST  
WELL - 000017 PHS WELL PRODUCTION

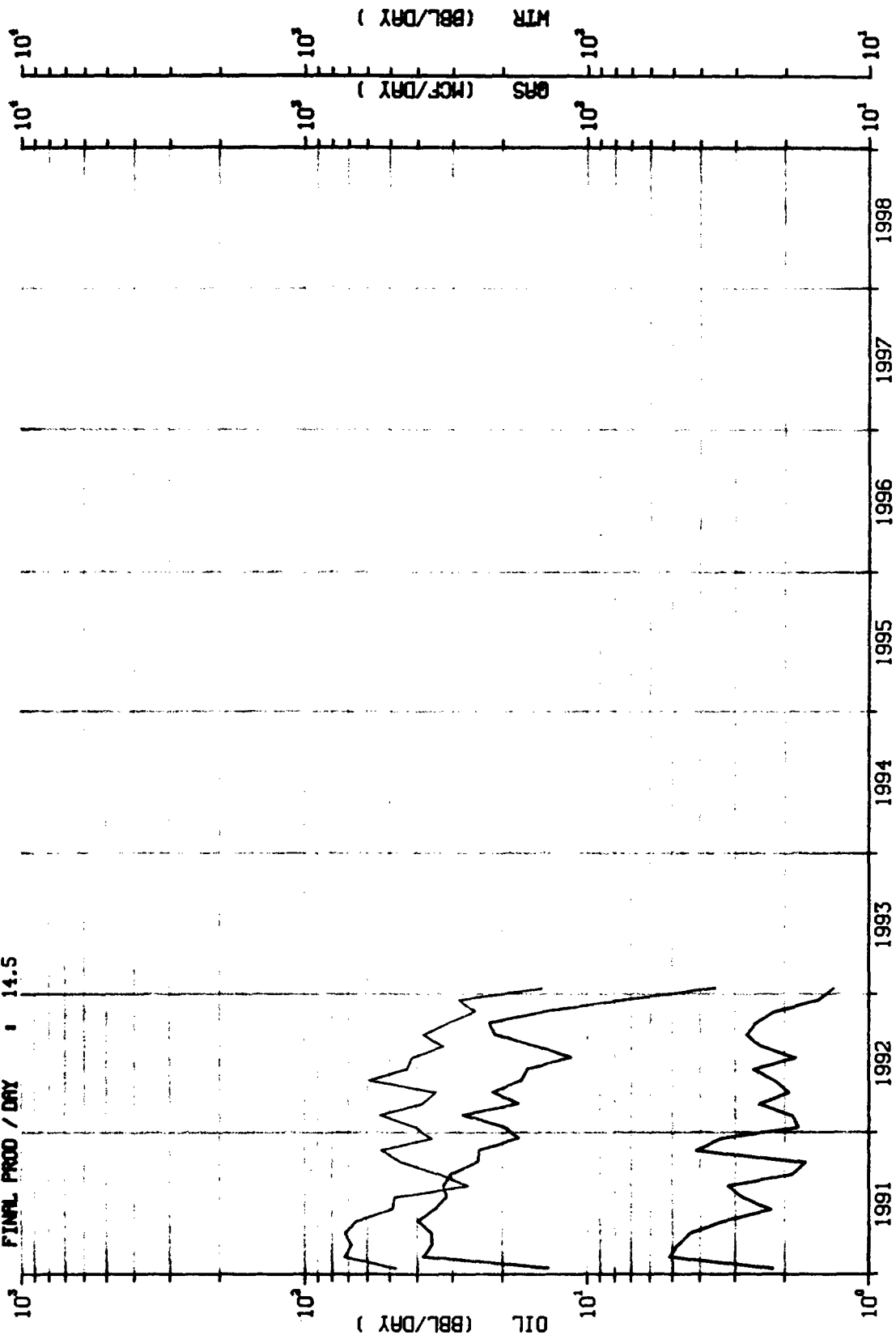
WELL-600137083000017  
API-30025305170000

1/91-1/93

INITIAL PROD / DAY : 47.8  
REMAINING LIFE : 2.08  
0.00

CUM PRODUCTION : 33347.  
FINAL PROD / DAY : 14.5

CUMS - 1/93  
33347. BBL OIL  
173986. MCF GAS  
20231. BBL MTR



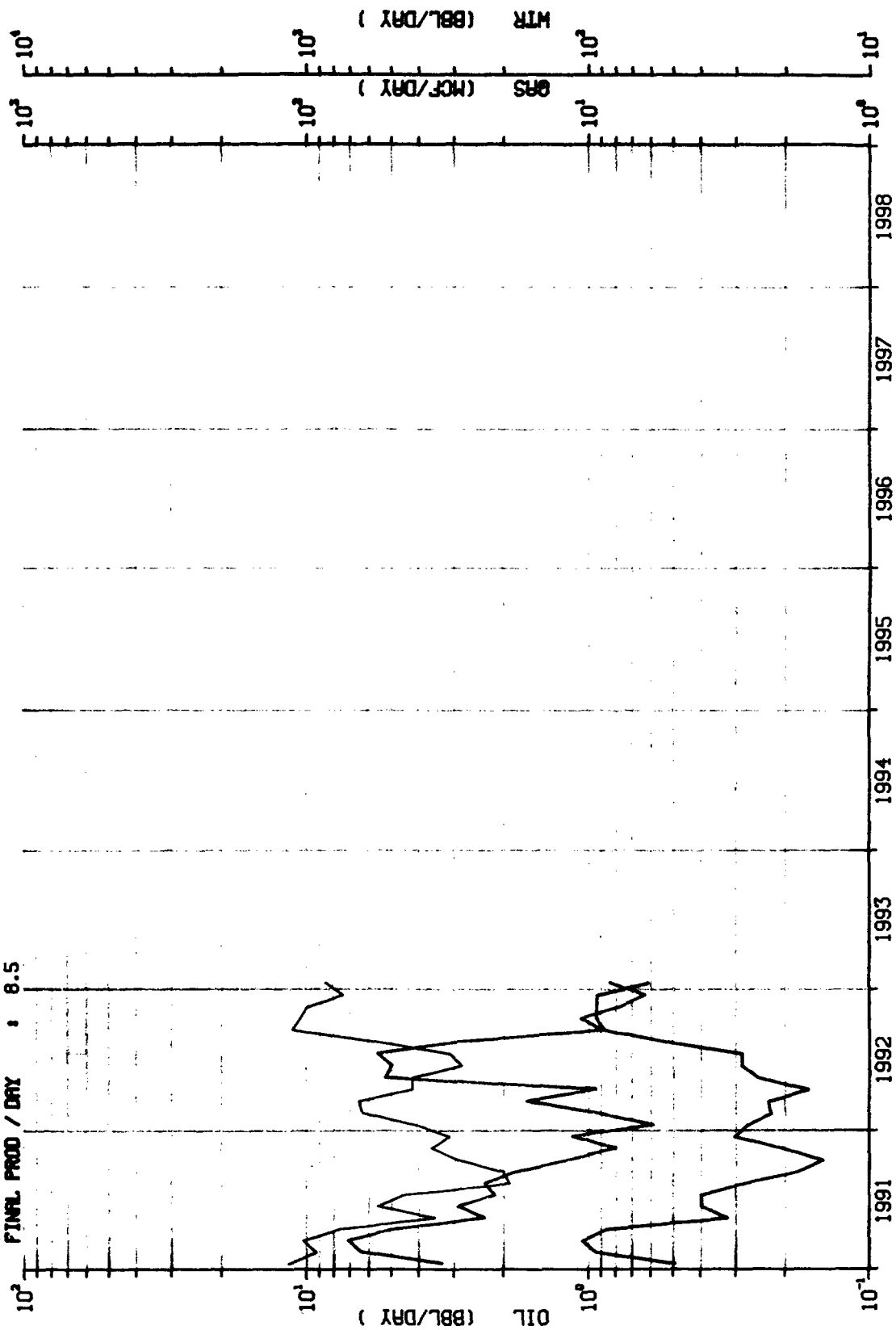
LEASE- 600137 : LUSK DEEP UNIT-A DELAWARE  
RESVR- 083 : LUSK WEST  
WELL - 000019 PHS WELL PRODUCTION

WELL-600137083000019  
API-30025305230000

1/91-1/93

INITIAL PROD / DAY : 11.5  
REMAINING LIFE : 2.08  
0.00  
CUM PRODUCTION : 4557.  
FINAL PROD / DAY : 8.5

CUMS - 1/93  
4557. BBL OIL  
18342. MCF GAS  
38652. BBL MTR



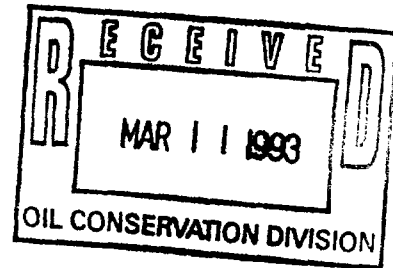
LEASE- 600137 : LUSK DEEP UNIT-A DELAWARE  
RESVR- 083 : LUSK WEST  
WELL - 000020 PHS WELL PRODUCTION

WELL-600137083000020  
API-30025305240000

GLENN S. BRANT

P.O. Box 3396  
Midland, Texas 79702  
(915) 682-8783

March 4, 1993



Ms. Florence Davidson  
O. C. Staff Specialist  
Oil Conservation Division  
P. O. Box 2088  
Land Office Building  
Santa Fe, NM

Dear Florence:

I am returning herewith your file copy of "Unit Agreement, Lusk Strawn Deep Unit, Lea & Eddy Counties, New Mexico". Your courteous assistance in sending it to me is most appreciated. Also your referral to the State Land Commission's Pete Martinez, who advised that he had no such unit on file.

I then contacted the BLM, Roswell. John Nimitz there confirmed that no such federal lease exists i.e. Strawn. The BLM does have a "Lusk Deep Unit" alive within the area shown on the Midland Map Co. map as the Strawn Deep Unit.

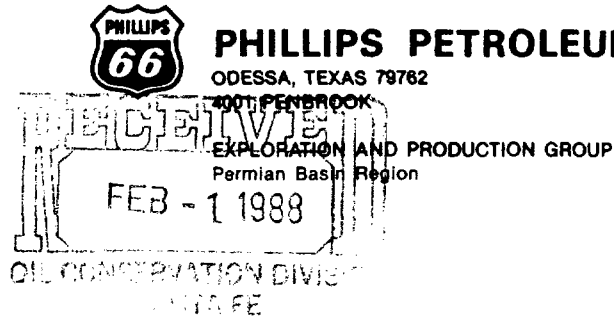
I apologize for not returning the document stapled. I reproduced it but didn't have a jumbo stapler with which to staple it back together. Thanks again.

Yours sincerely,

A handwritten signature in cursive script that reads 'Glenn S. Brant'.

Glenn S. Brant

5563



January 25, 1988

1988 Plan of Development/Operations  
Lusk Deep Unit  
Contract No. 14-08-001-6783  
Eddy and Lea Counties, New Mexico

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

Attn: Mr. Francis R. Cherry, Jr.  
District Manager

In compliance with Section 10 of the Unit Agreement of the Lusk Deep Unit, Eddy and Lea Counties, New Mexico, approved by the Acting Director, United States Geological Survey on May 17, 1960 and designated by contract number 14-08-001-6783, Phillips Petroleum Company respectfully submits for your consideration and approval the following Plan of Development/Operations for the unitized land.

1. Current Status:

There are currently three active producing wells and one shut in well on the Unit. Wells No. 1 and No. 5 averaged 1.7 BOPD, 459 MCFD and 0 BWPD production from the Morrow during 1987. Well No. 13 produced an average of 0.7 BOPD, 64 MCFD, and 0 BWPD from the Atoka Formation during 1987 (on the 1987 Report, Well No. 13 was erroneously reported as producing from the Strawn formation).

2. Future Operations:

Phillips Petroleum Company will continue current Unit operations in a responsible and prudent manner. Well No. 5 is being evaluated for a possible recompletion in the Atoka Formation. Development of the Delaware formation is also being evaluated in light of recent offset Delaware discoveries.

3. Modifications:

This Plan of Operation may be modified from time to time with the approval of the Bureau of Land Management to meet changing conditions.

4. Attachments:

A current Unit map, individual well decline curves, and a composite Unit decline curve are attached. Also attached is a copy of the 1987 Plan of Development/Operations.



1988 Plan of Development/Operations  
Lusk Deep Unit  
Contract No. 14-08-001-6783  
Eddy and Lea Counties, New Mexico  
January 25, 1988  
Page 2

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Please contact me at (915) 367-1488 or John Currie at (915) 367-1342 if there are any questions regarding this Plan of Operation.

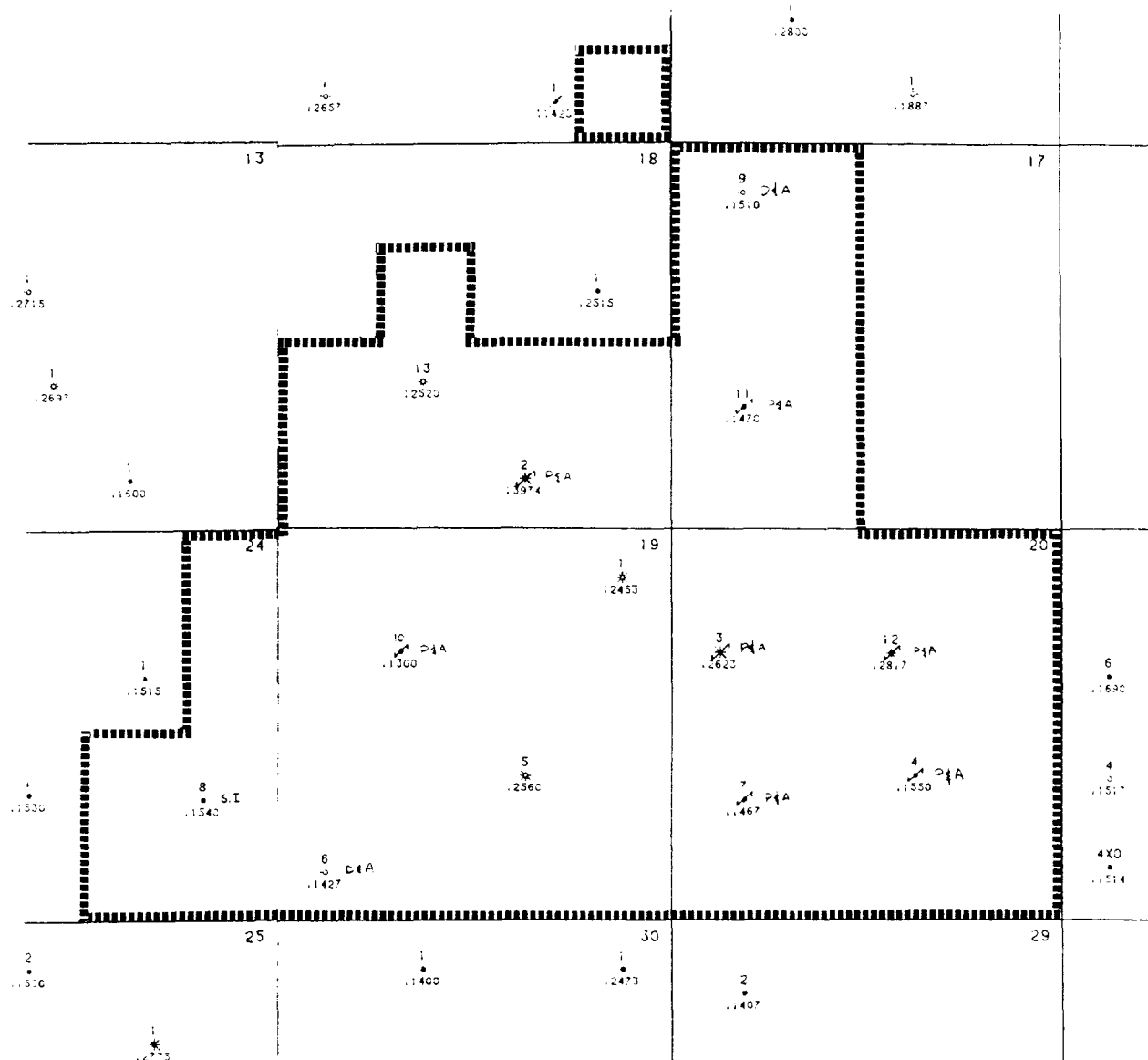
Very truly yours,



L. M. Sanders, Supervisor  
Regulation and Proration

LMS/JCC/sdb  
REG/PRO8/plan1

Attachment



PHILLIPS PETROLEUM



LUSK DEEP UNIT  
T-19-S. R-31-E & R-32-E  
EDDY AND LEA COUNTIES, NEW MEXICO

BASE MAP  
DATE: 2/20/87

0 2.000 4.000  
SCALE (FEET)



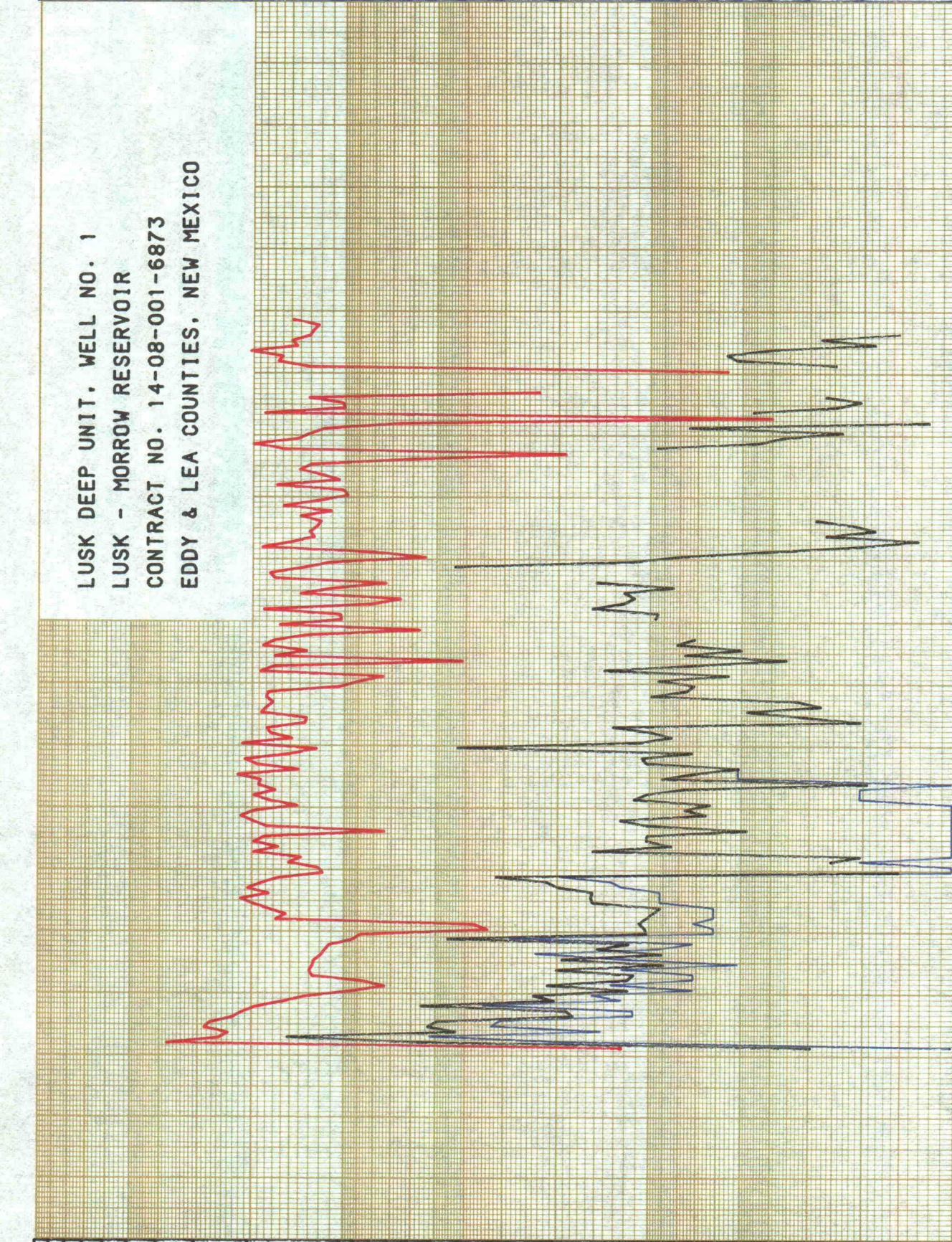
GAS PROD - MCF / MO

OIL PROD - BBLs / MO

WATER PROD - BBLs / MO

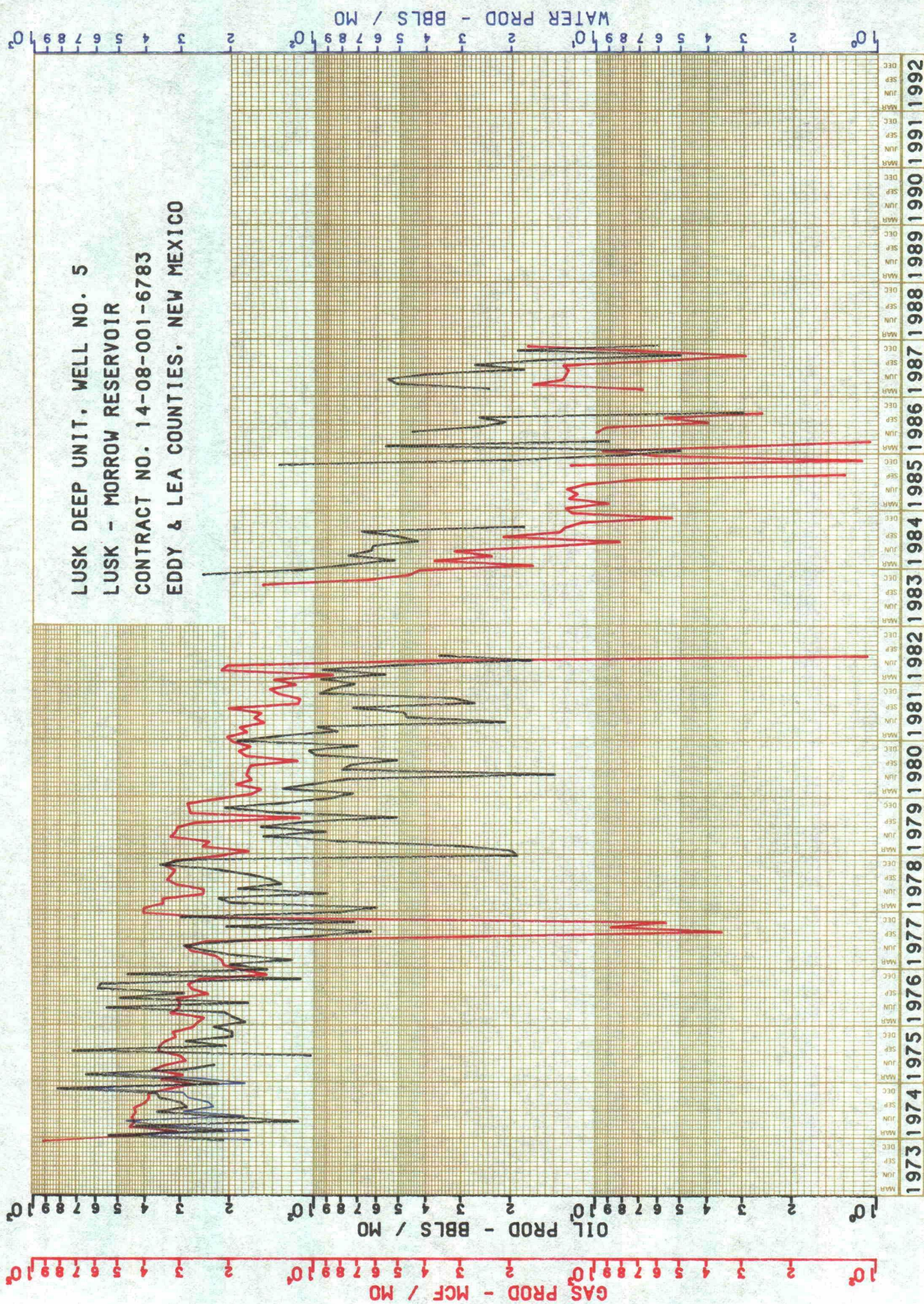
LUSK DEEP UNIT, WELL NO. 1  
LUSK - MORROW RESERVOIR  
CONTRACT NO. 14-08-001-6873  
EDDY & LEA COUNTIES, NEW MEXICO

1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992



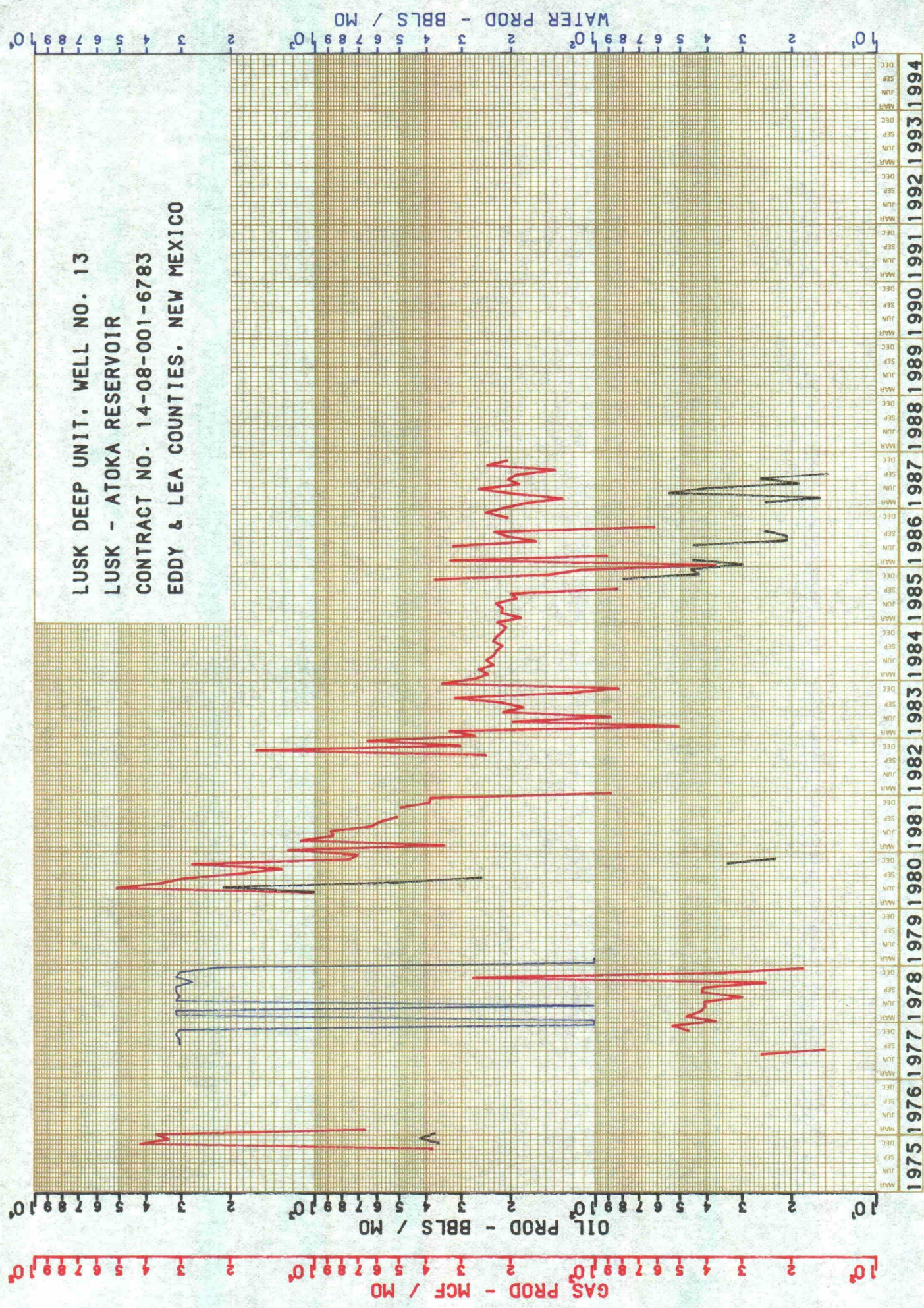


LUSK DEEP UNIT, WELL NO. 5  
 LUSK - MORROW RESERVOIR  
 CONTRACT NO. 14-08-001-6783  
 EDDY & LEA COUNTIES, NEW MEXICO





LUSK DEEP UNIT, WELL NO. 13  
LUSK - ATOKA RESERVOIR  
CONTRACT NO. 14-08-001-6783  
EDDY & LEA COUNTIES, NEW MEXICO





GAS PROD - MCF / MO  
10<sup>2</sup> 2 3 4 5 6 7 8 9 10<sup>3</sup>

OIL PROD - BBLs / MO  
10<sup>2</sup> 2 3 4 5 6 7 8 9 10<sup>3</sup>

WATER PROD - BBLs / MO  
10<sup>2</sup> 2 3 4 5 6 7 8 9 10<sup>3</sup>

LUSK DEEP UNIT  
TOTAL UNIT PRODUCTION  
CONTRACT NO. 14-08-001-6783  
EDDY AND LEA COUNTIES, NEW MEXICO

MAR 1973 JUN 1973 SEP 1973 DEC 1973 MAR 1974 JUN 1974 SEP 1974 DEC 1974 MAR 1975 JUN 1975 SEP 1975 DEC 1975 MAR 1976 JUN 1976 SEP 1976 DEC 1976 MAR 1977 JUN 1977 SEP 1977 DEC 1977 MAR 1978 JUN 1978 SEP 1978 DEC 1978 MAR 1979 JUN 1979 SEP 1979 DEC 1979 MAR 1980 JUN 1980 SEP 1980 DEC 1980 MAR 1981 JUN 1981 SEP 1981 DEC 1981 MAR 1982 JUN 1982 SEP 1982 DEC 1982 MAR 1983 JUN 1983 SEP 1983 DEC 1983 MAR 1984 JUN 1984 SEP 1984 DEC 1984 MAR 1985 JUN 1985 SEP 1985 DEC 1985 MAR 1986 JUN 1986 SEP 1986 DEC 1986 MAR 1987 JUN 1987 SEP 1987 DEC 1987 MAR 1988 JUN 1988 SEP 1988 DEC 1988 MAR 1989 JUN 1989 SEP 1989 DEC 1989 MAR 1990 JUN 1990 SEP 1990 DEC 1990 MAR 1991 JUN 1991 SEP 1991 DEC 1991 MAR 1992 JUN 1992 SEP 1992 DEC 1992





## PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79702  
4001 PEBBROOK

March 5, 1987

EXPLORATION AND PRODUCTION GROUP

1987 Plan of Development/Operations  
Lusk Deep Unit  
Contract No. 14-08-001-6783  
Eddy and Lea Counties, New Mexico

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

Attn: Mr. Francis R. Cherry, Jr.  
District Manager

In reference to your correspondence of January, 1987 (3180-065) and in compliance with Section 10 of the Unit Agreement of the Lusk Deep Unit, Eddy and Lea Counties, New Mexico approved by the Acting Director, United States Geological Survey on May 17, 1960 and designated by contract number 14-08-001-6783, Phillips Petroleum Company respectfully submits for your consideration and approval the following Plan of Development/Operations for the unitized land.

1. Current Status:

There are currently 3 active producing wells and 1 shut in well on the Unit. Wells No. 1 and No. 5 averaged 1.0 BOPD, 318 MCFD and 0 BWPD production from the Morrow during 1986. Well No. 13 produced an average of 0.6 BOPD, 48 MCFD, and 0 BWPD from the Strawn Formation during 1986.

During 1986, Well No. 12 was permanently plugged and abandoned.

2. Future Operations:

Phillips Petroleum Company will continue current Unit operations in a responsible and prudent manner. Well No. 5 is being evaluated for a possible recompletion in the Atoka Formation. There are no other plans for further development or expansion of the Unit at this time.

3. Modifications:

This Plan of Operation may be modified from time to time with the approval of the Bureau of Land Management to meet changing conditions.

4. Attachments:

A current Unit map, individual well decline curves, and a composite Unit decline curve are attached.

Please contact me at (915) 367-1488 or John Currie at (915) 367-1342 if there are any questions regarding this Plan of Operation.

Very Truly Yours,

*L. M. Sanders*  
L. M. Sanders, Supervisor  
Regulation and Proration

LMS/JCC/cs  
REG4.1/Cherrya

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS  
GOVERNOR

March 25, 1987

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5900

Phillips Petroleum Company  
4001 Penbrook  
Odessa, Texas 79762

Attention: L. M. Sanders,  
Supervisor, Regulation and Proration

Re: 1987 Plan of Development  
Lusk Deep Unit  
Eddy and Lea Counties, New Mexico

Gentlemen:

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/dr

cc: Commissioner of Public Lands - Santa Fe  
Bureau of Land Management - Albuquerque





## PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

March 5, 1987

EXPLORATION AND PRODUCTION GROUP

1987 Plan of Development/Operations  
Lusk Deep Unit  
Contract No. 14-08-001-6783  
Eddy and Lea Counties, New Mexico

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

Attn: Mr. Francis R. Cherry, Jr.  
District Manager

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*L. M. Sanders*  
L. M. Sanders, Supervisor  
Regulation and Proration

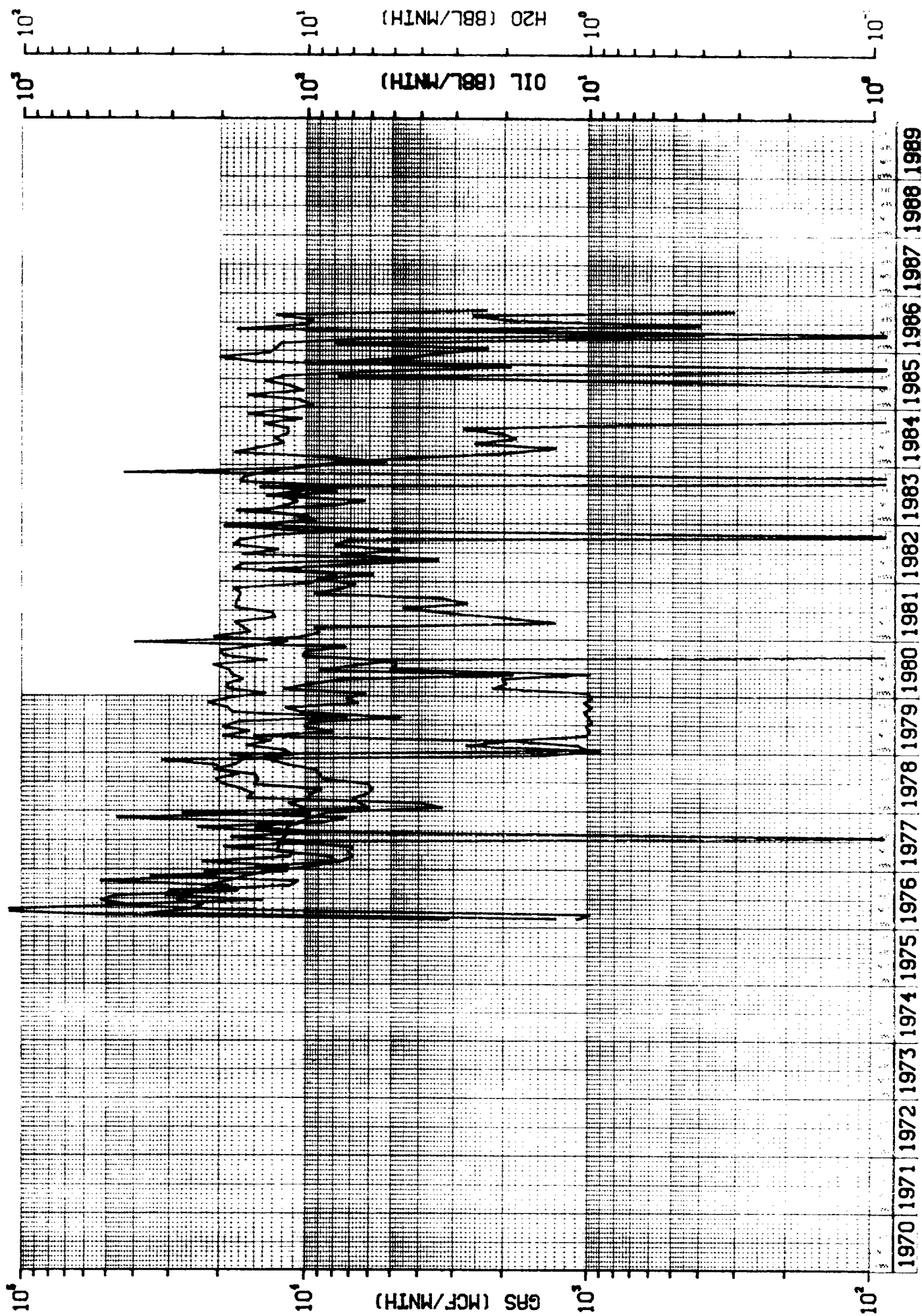
LMS/JCC/cs  
REG4.1/Cherrya

Attachment

cc: State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

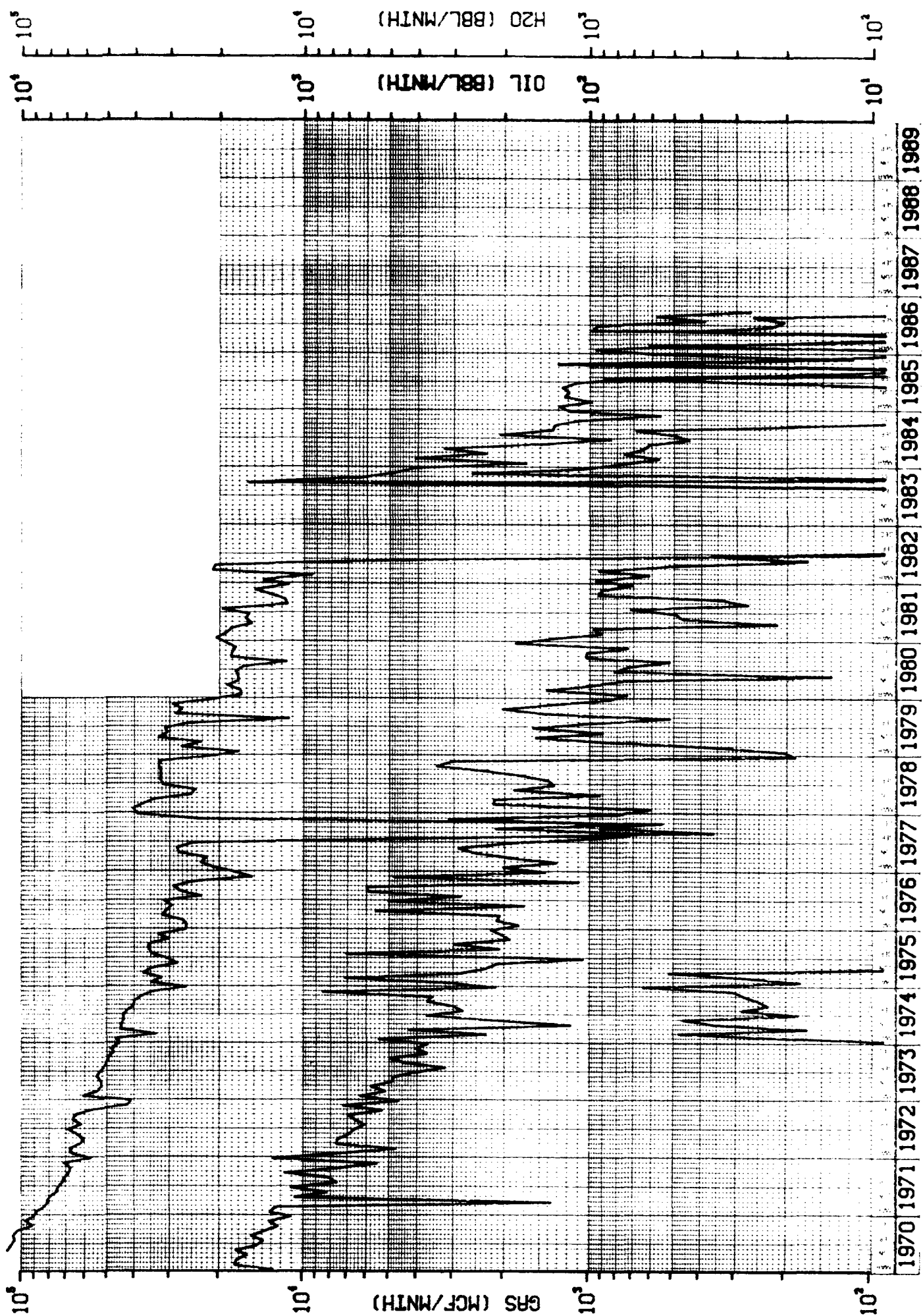
Working Interest Owners





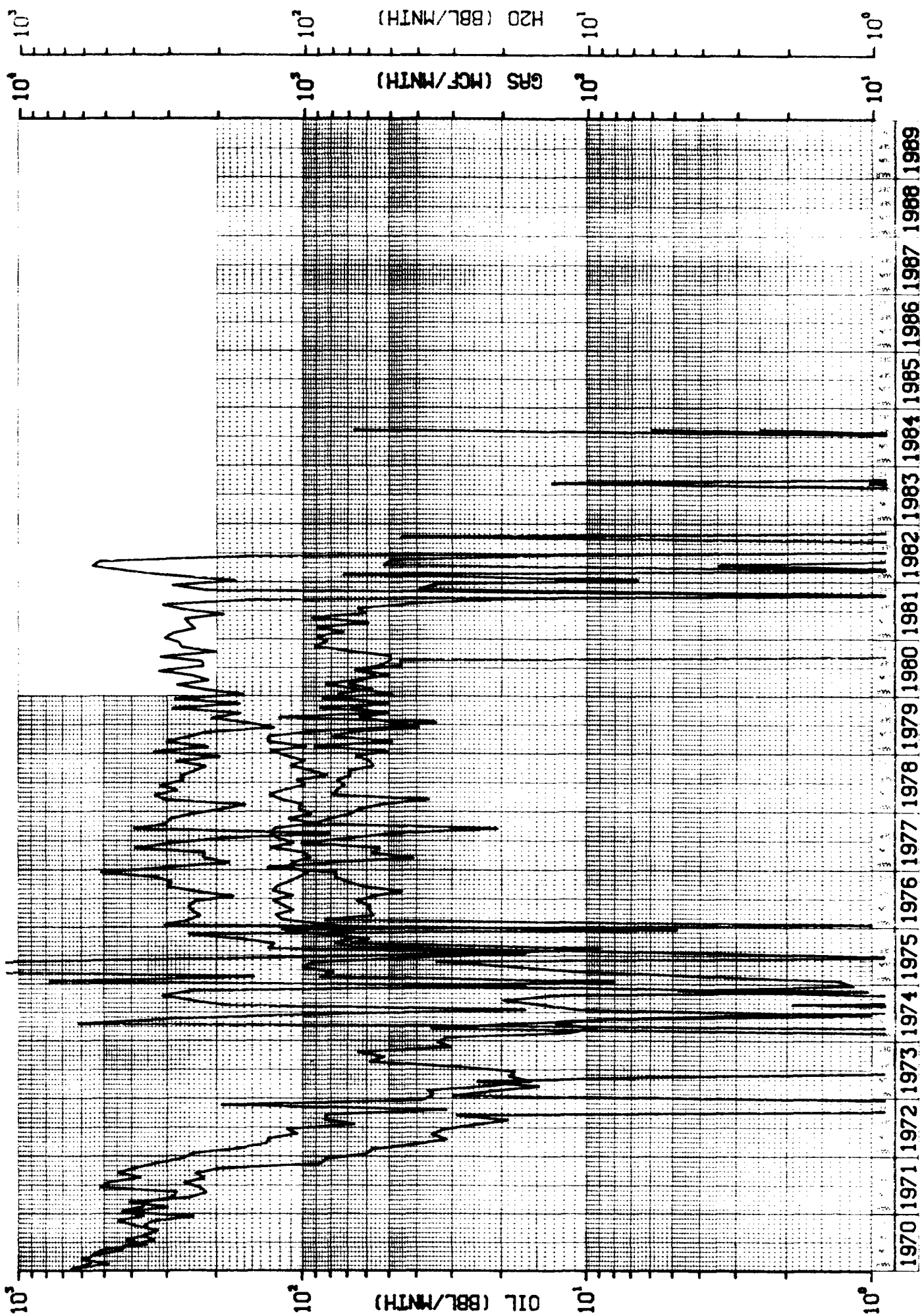
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RESVR- 2 :  
WELL - 000001

DWIGHTS  
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DWIGHT ID-25002519S32E19A00PM



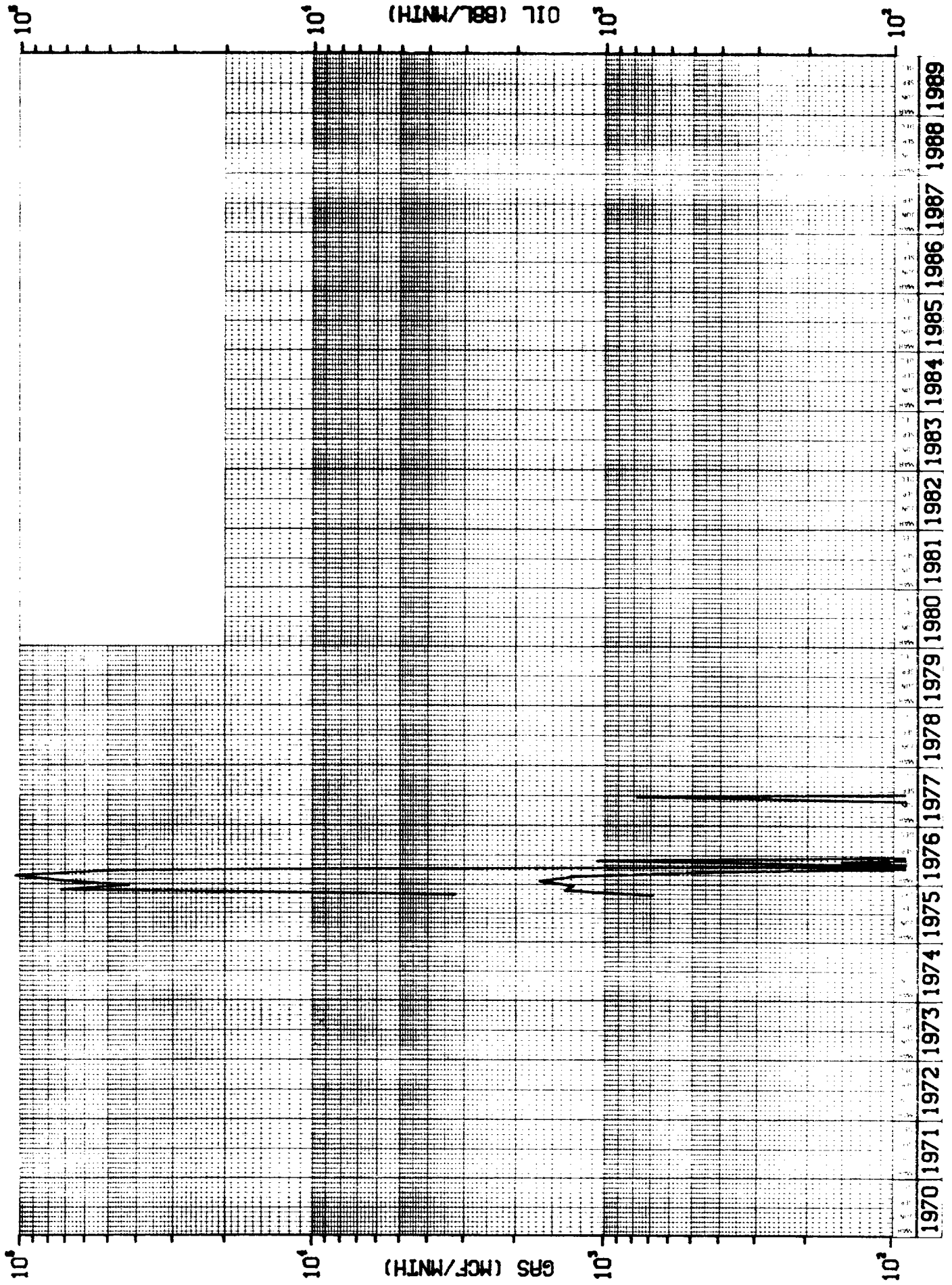
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 RESVR- 2 :  
 WELL - 000005

DWIGHTS  
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 DWIGHT ID-25002519S32E19J00PM



LEASE- 193 : LUSK DEEP UNIT  
 RESVR- 2 :  
 WELL - 000008

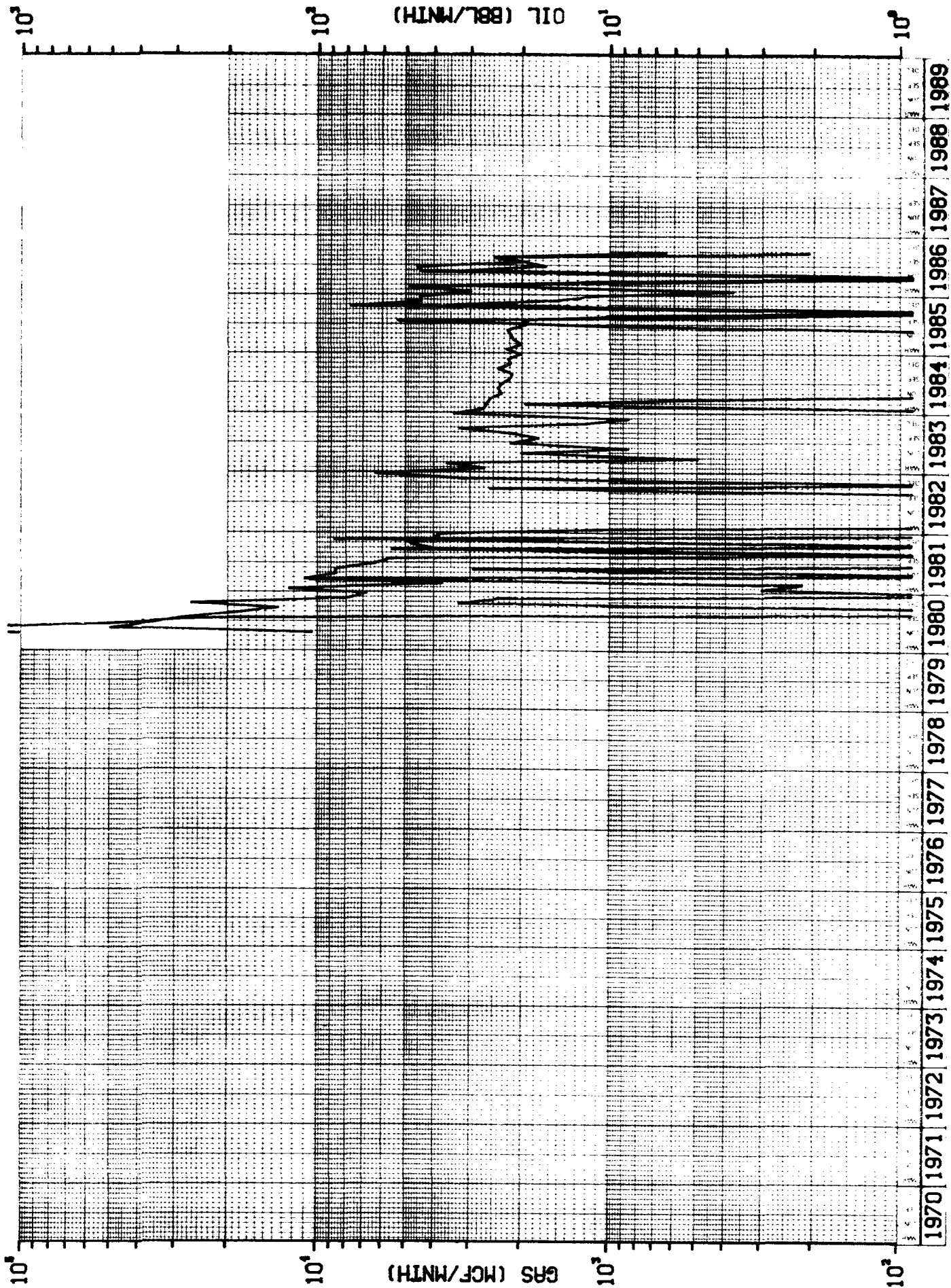
DWIGHTS  
 WELL 150 015 19S31E24100PS  
 DWIGHT ID-15001519S31E24100PS



LEASE- 802 : LUSK DEEP UNIT A  
 RESVR- 2 :  
 WELL - 000012

DWIGHTS  
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 DWIGHT ID-25002519S32E20GPKPM

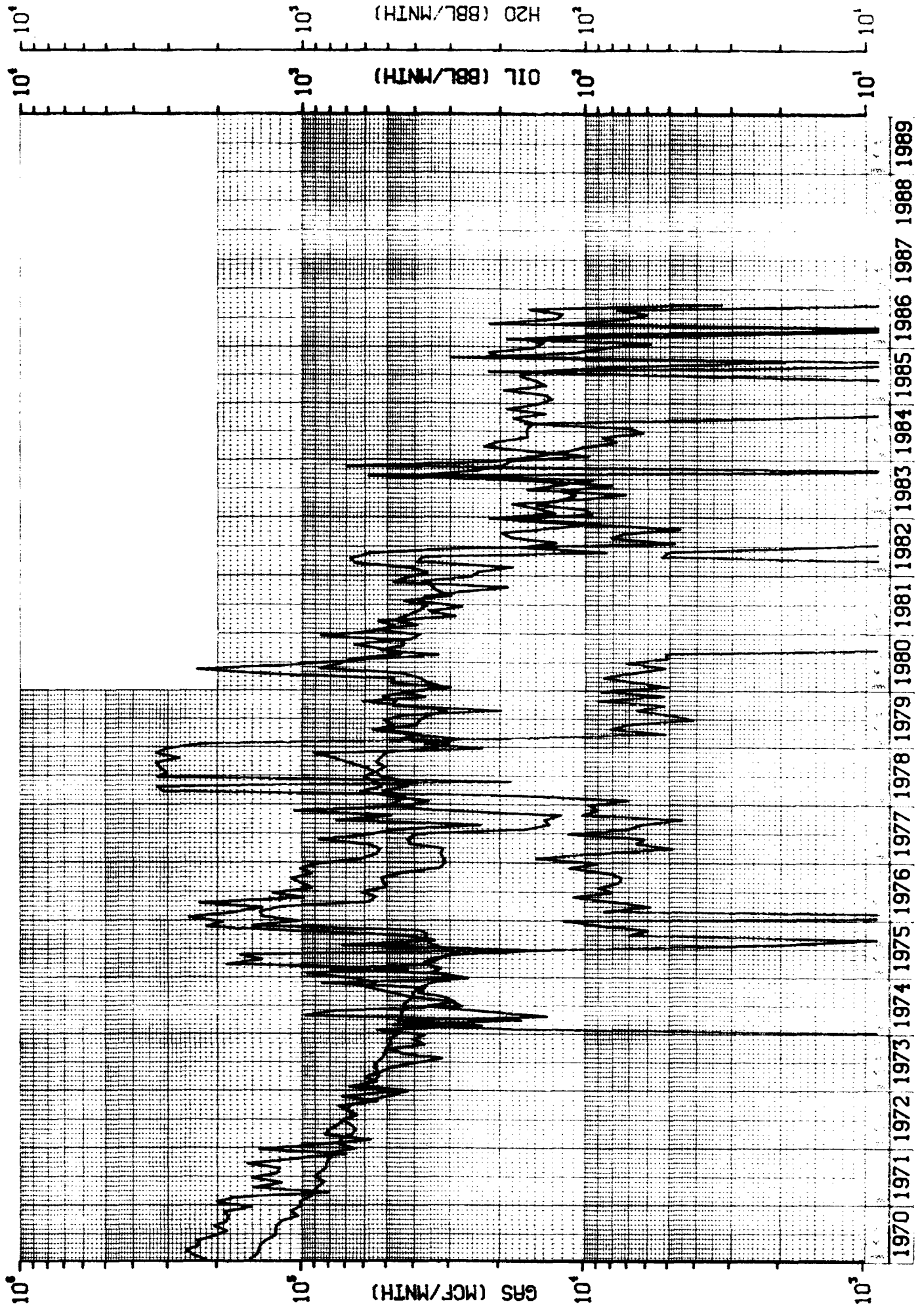




LEASE- 940 : LUSK DEEP UNIT A COM  
RESVR- 2 :  
WELL - 000013

DWIGHTS  
WELL 250 025 19S32E18K00PA  
DWIGHT ID-25002519S32E18K00PA





LEASE-  
RESVR-

LUSK DEEP UNIT  
TOTAL UNIT PRODUCTION

DWIGHTS  
COMPOSITE OF TOTAL , 5 WELLS



# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501



DIRECTOR  
JOE D. RAMEY

LAND COMMISSIONER  
PHIL R. LUCERO  
October 24, 1975

STATE GEOLOGIST  
EMERY C. ARNOLD

Clarence Hinkle  
Hinkle, Bondurant, Cox  
& Eaton  
Attorneys at Law  
Post Office Box 10  
Roswell, New Mexico 88201

Re: CASE NO. 5563  
ORDER NO. R-5107

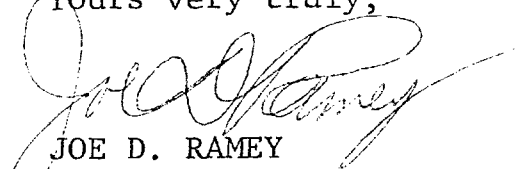
Applicant:

Llano, Inc.

Dear Sir:

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

Yours very truly,

  
JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCC   x    
Artesia OCC   x    
Aztec OCC           

Other Don Maddox, Hobbs