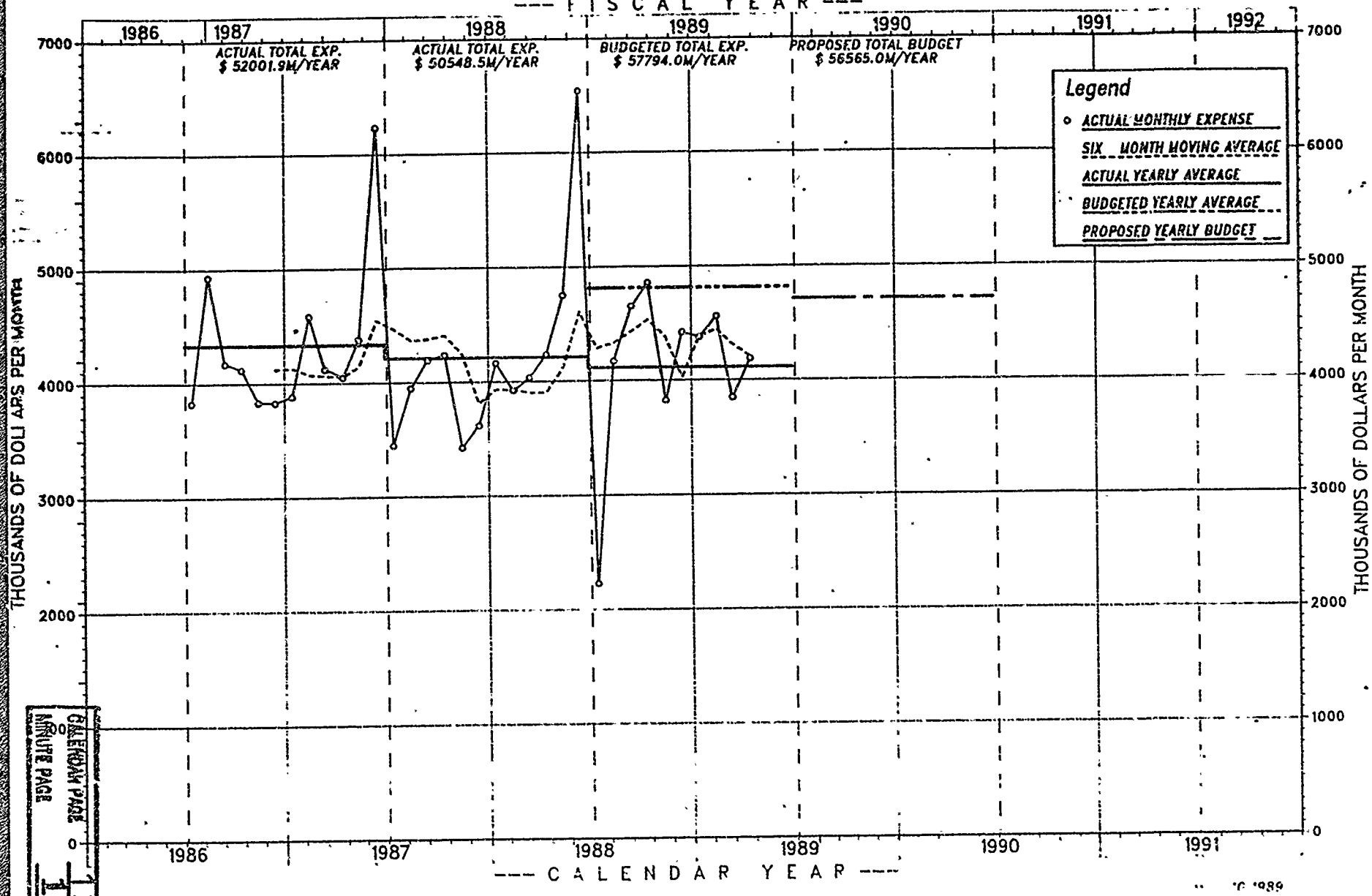
LONG BEACH UNIT

EXHIBIT 9

OIL & GAS PRODUCTION PROGRAM

TOTAL

PROGRAM B



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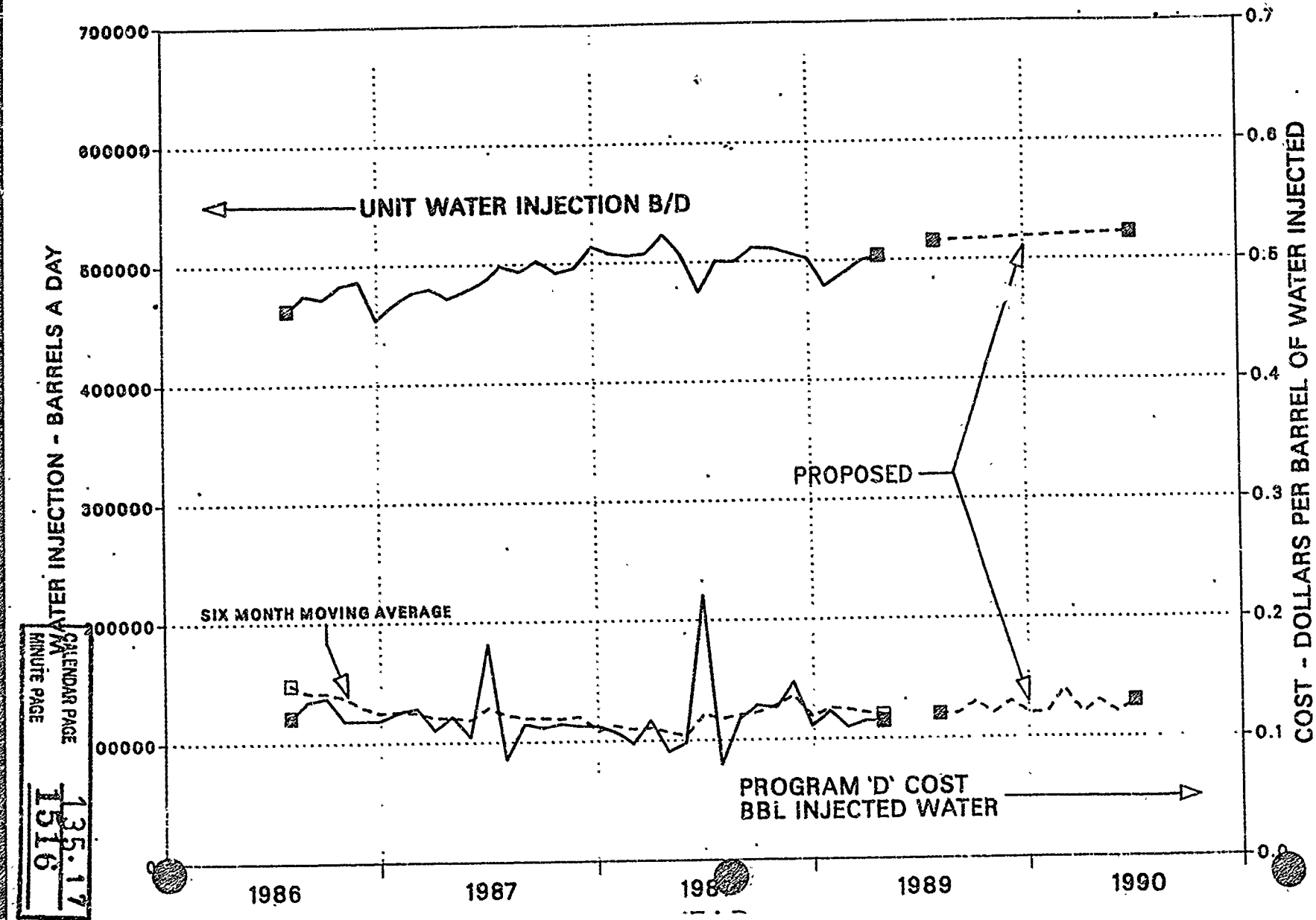
0-1667

WATER INJECTION PROGRAM COSTS EXPRESSED AS $/BBL OF INJECTED WATER INJECTION

EXHIBIT 10

LONG BEACH UNIT



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MINUTE PAGE
135.17
1516

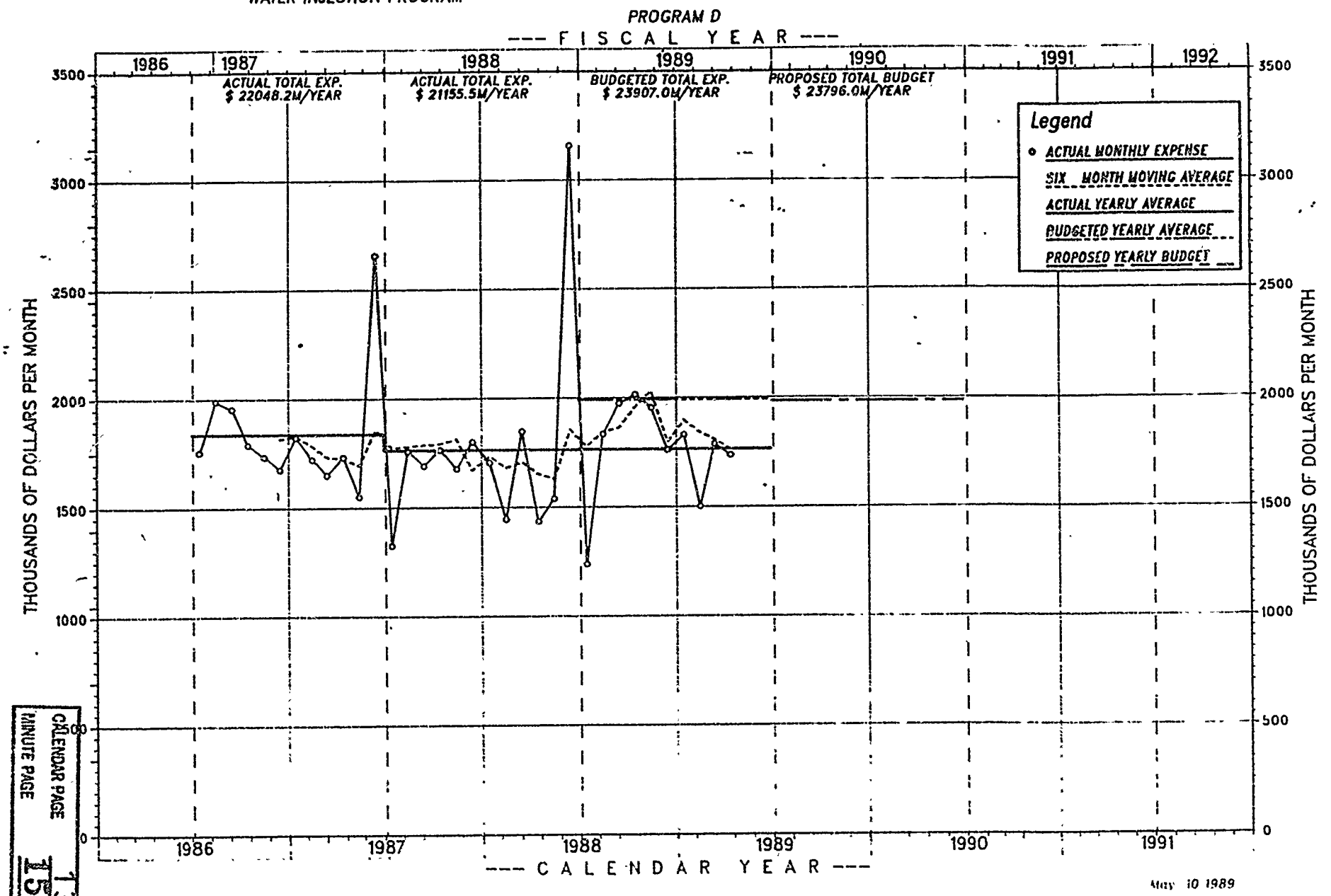
LONG BEACH UNIT

EXHIBIT 11

WATER INJECTION PROGRAM

TOTAL

PROGRAM D



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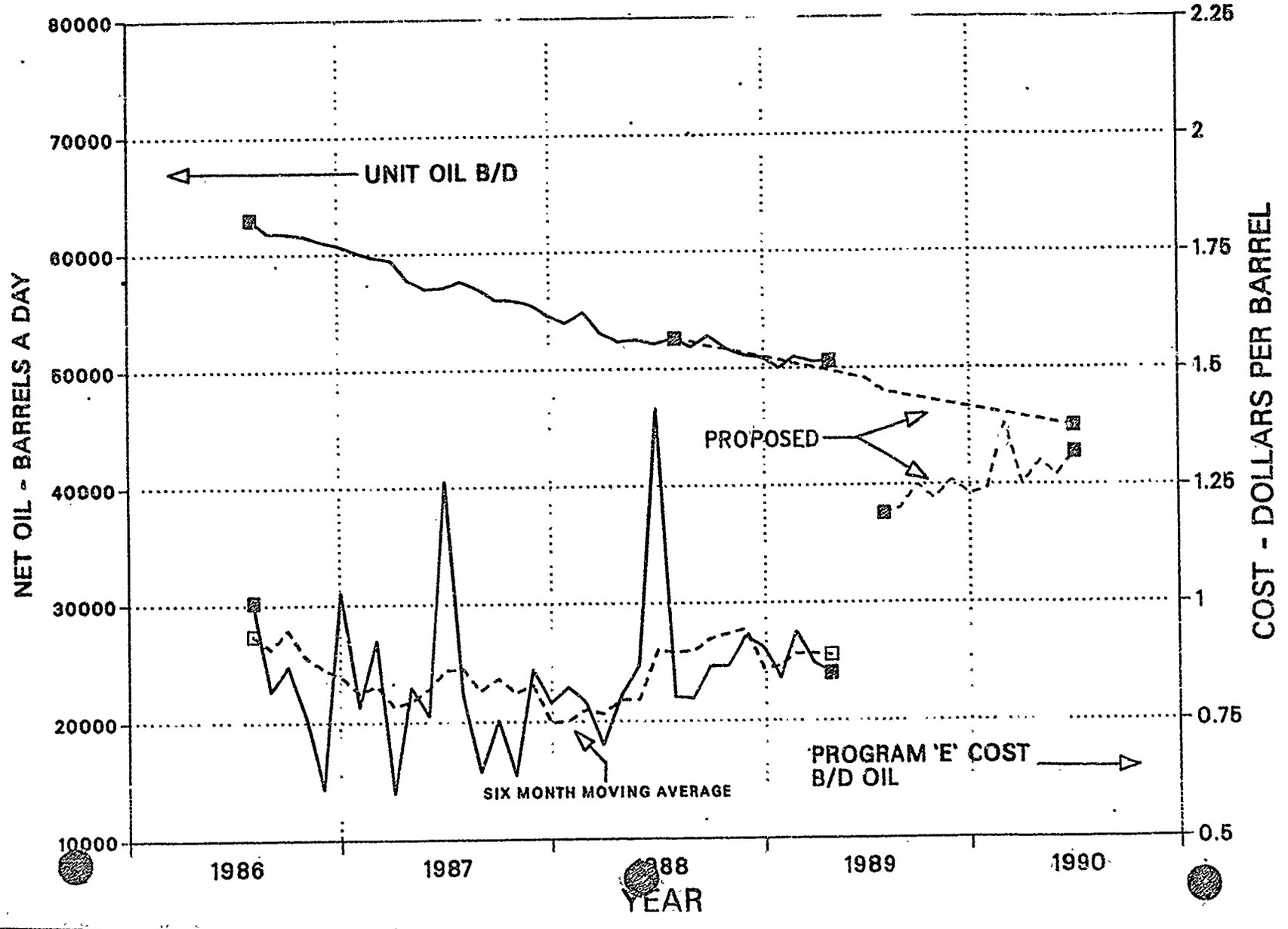
135.18
1517

D-1669

EXHIBIT 12

LONG BEACH UNIT

MANAGEMENT PROGRAM COSTS EXPRESSED AS $/BBL OIL



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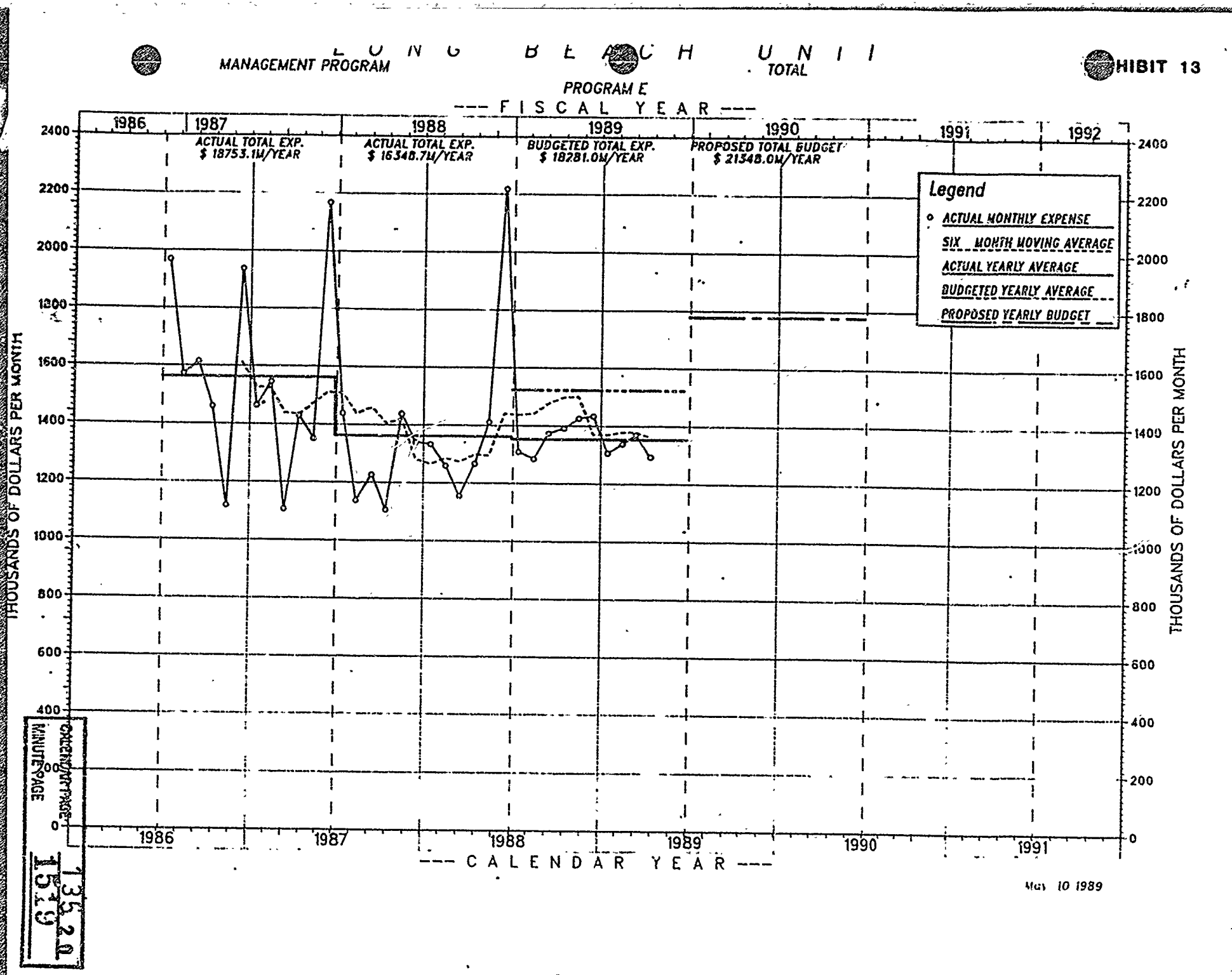
0.1670



LONG BEACH UNIT
MANAGEMENT PROGRAM
TOTAL
PROGRAM E
HIBIT 13
--- FISCAL YEAR ---
1986
1987
1988
1989
1990
1991
1992
ACTUAL TOTAL EXP. $ 18753.1M/YEAR
ACTUAL TOTAL EXP. $ 16348.7M/YEAR
BUDGETED TOTAL EXP. $ 18281.0M/YEAR
PROPOSED TOTAL BUDGET $ 21348.0M/YEAR
Legend
ACTUAL MONTHLY EXPENSE
SIX MONTH MOVING AVERAGE
ACTUAL YEARLY AVERAGE
BUDGETED YEARLY AVERAGE
PROPOSED YEARLY BUDGET
THOUSANDS OF DOLLARS PER MONTH
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
--- CALENDAR YEAR ---
May 10 1989
CALENDAR PAGE
MINUTE PAGE
135 20
1519

0.1671

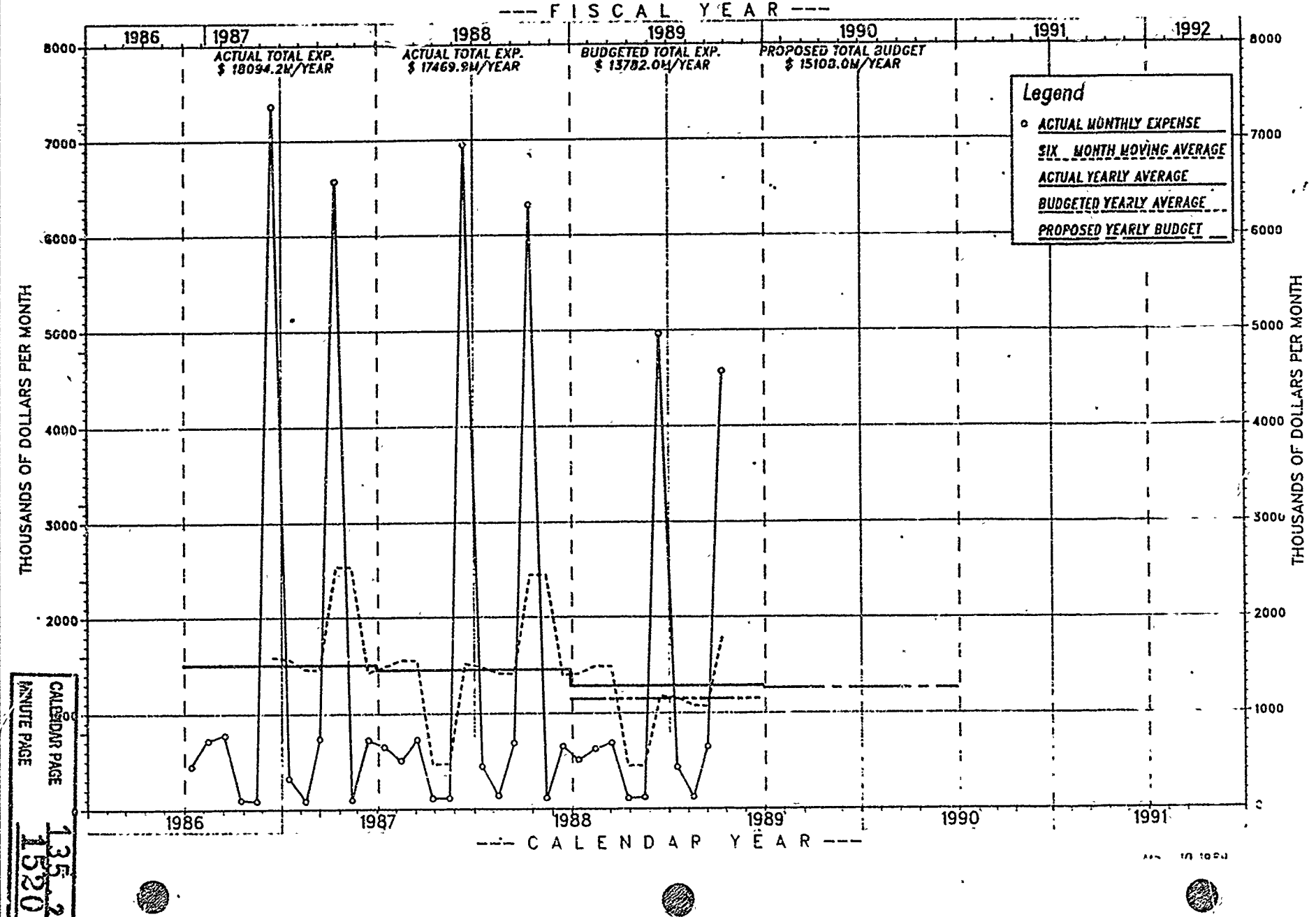
LONG BEACH UNIT

TAXES, PRMTS, & RENTAL PROGRAM

TOTAL

PROGRAM F

EXHIBIT 14



CALENDAR PAGE 135-21

MINUTE PAGE 1520

0.1672

LONG BEACH UNIT

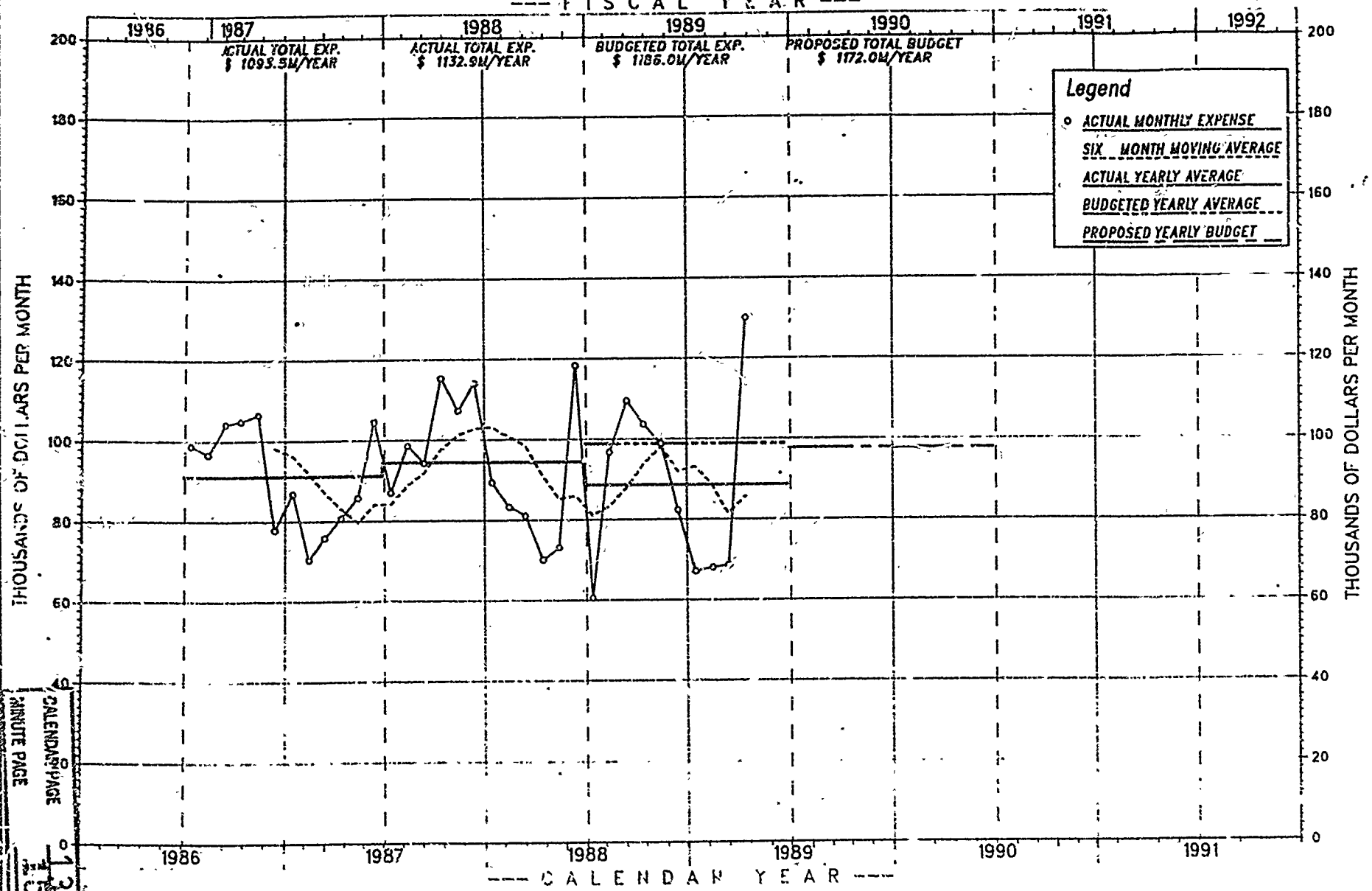
EXHIBIT 15

OIL & GAS PRODUCTION PROGRAM — FLUID LIFTING — HYDRAULIC LIFT – SURFACE

Plotted Data DOES NOT Include Administrative Overhead

BUDGET CODE 22 -- ACCOUNT CODE 911

--- FISCAL YEAR ---



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CALENDAR PAGE 1531

EXHIBIT 16

LONG BEACH UNIT

OIL & GAS PRODUCTION PROGRAM — FLUID LIFTING — SUBMERSIBLE LIFT -- SURFACE

BUDGET CODE 22 -- ACCOUNT CODE 918

Plotted Data DOES NOT Include Administrative Overhead

--- FISCAL YEAR ---

1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992

ACTUAL TOTAL EXP. $ 9137.9M/YEAR

ACTUAL TOTAL EXP. $ 8369.6M/YEAR

BUDGETED TOTAL EXP. $ 8387.0M/YEAR

PROPOSED TOTAL BUDGET $ 8535.0M/YEAR

Legend

- ACTUAL MONTHLY EXPENSE
- SIX MONTH MOVING AVERAGE
- ACTUAL YEARLY AVERAGE
- BUDGETED YEARLY AVERAGE
- PROPOSED YEARLY BUDGET

THOUSANDS OF DOLLARS PER MONTH

1800 1600 1400 1200 1000 800 600 400 200 0

1986 1987 1988 1989 1990 1991

--- CALENDAR YEAR ---

CALENDAR PAGE 135 23

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LONG BEACH UNIT

EXHIBIT 17

WATER INJECTION PROGRAM · WATER INJECTION SYSTEMS · PRODUCED WATER HANDLING

Plotted Data DOES NOT Include Administrative Overhead

BUDGET CODE 42 -- ACCOUNT CODE 914

--- FISCAL YEAR ---

1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992

ACTUAL TOTAL EXP. $ 3825.3M/YEAR

ACTUAL TOTAL EXP. $ 3655.8M/YEAR

BUDGETED TOTAL EXP. $ 4392.0M/YEAR

PROPOSED TOTAL BUDGET $ 4411.0M/YEAR

Legend

- ACTUAL MONTHLY EXPENSE
- SIX MONTH MOVING AVERAGE
- ACTUAL YEARLY AVERAGE
- BUDGETED YEARLY AVERAGE
- PROPOSED YEARLY BUDGET

THOUSANDS OF DOLLARS PER MONTH

600 550 500 450 400 350 300 250 200 150 100 50 0

1986 1987 1988 1989 1990 1991

--- CALENDAR YEAR ---

MINUTE PAGE

CALENDAR PAGE

135 24

1523

EXHIBIT 18

LONG BEACH UNIT

WATER INJECTION PROGRAM — WATER INJECTION SYSTEMS — WATER INJECTION SYSTEM

BUDGET CODE 42 -- ACCOUNT CODE 925

Plotted Data DOES NOT Include Administrative Overhead

--- FISCAL YEAR ---

1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992

ACTUAL TOTAL EXP. $ 10503.5M/YEAR

ACTUAL TOTAL EXP. $ 9928.7M/YEAR

BUDGETED TOTAL EXP. $ 10188.0M/YEAR

PROPOSED TOTAL BUDGET $ 9938.0M/YEAR

Legend

- ACTUAL MONTHLY EXPENSE
- SIX MONTH MOVING AVERAGE
- ACTUAL YEARLY AVERAGE
- BUDGETED YEARLY AVERAGE
- PROPOSED YEARLY BUDGET

THOUSANDS OF DOLLARS PER MONTH

3500 | 3000 | 2500 | 2000 | 1500 | 1000 | 500 | 0

1986 | 1987 | 1988 | 1989 | 1990 | 1991

--- CALENDAR YEAR ---

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EXHIBIT 19

LONG BEACH UNIT
COMPARISON OF
TOTAL FLUIDS & ENERGY CONSUMED

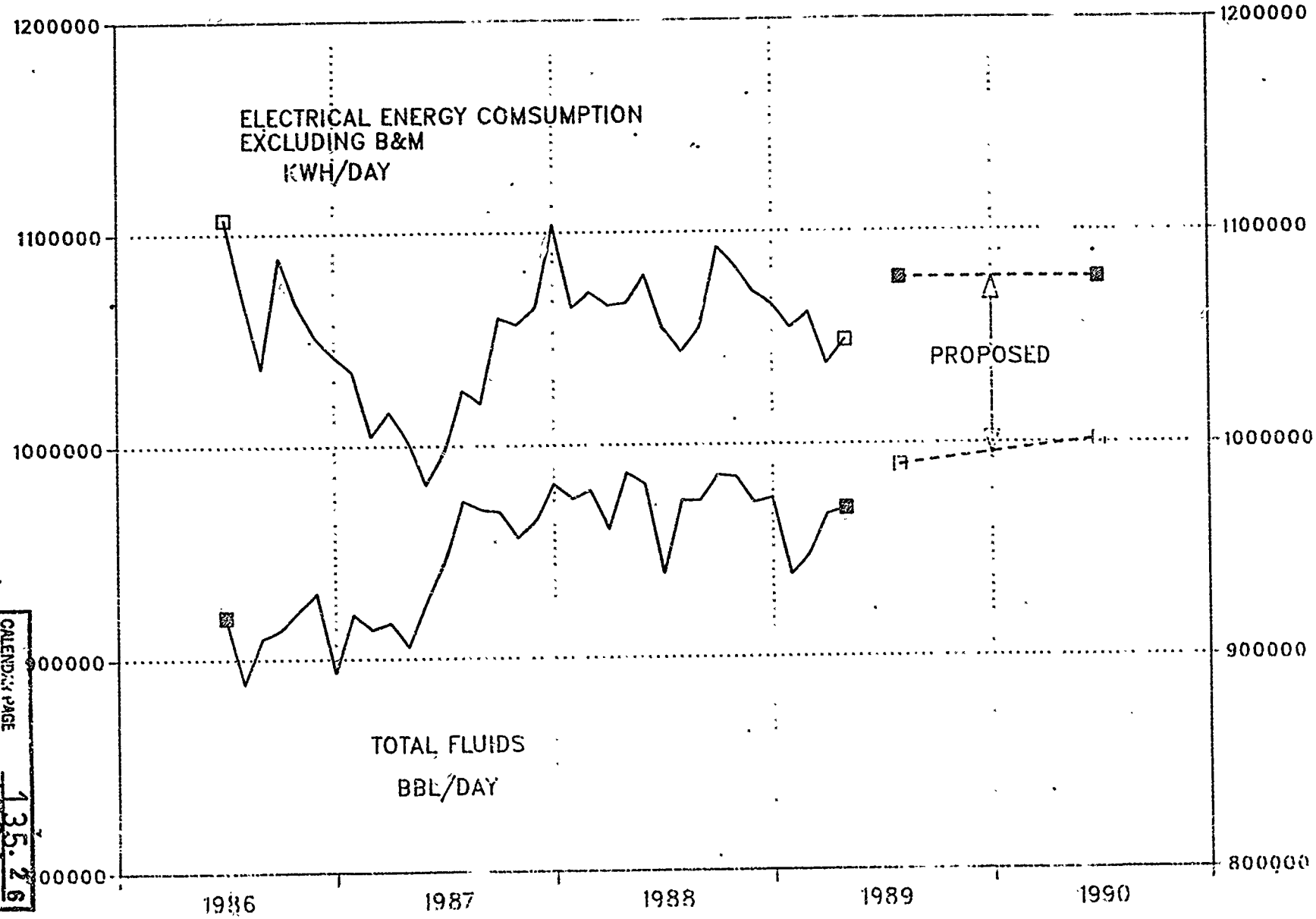

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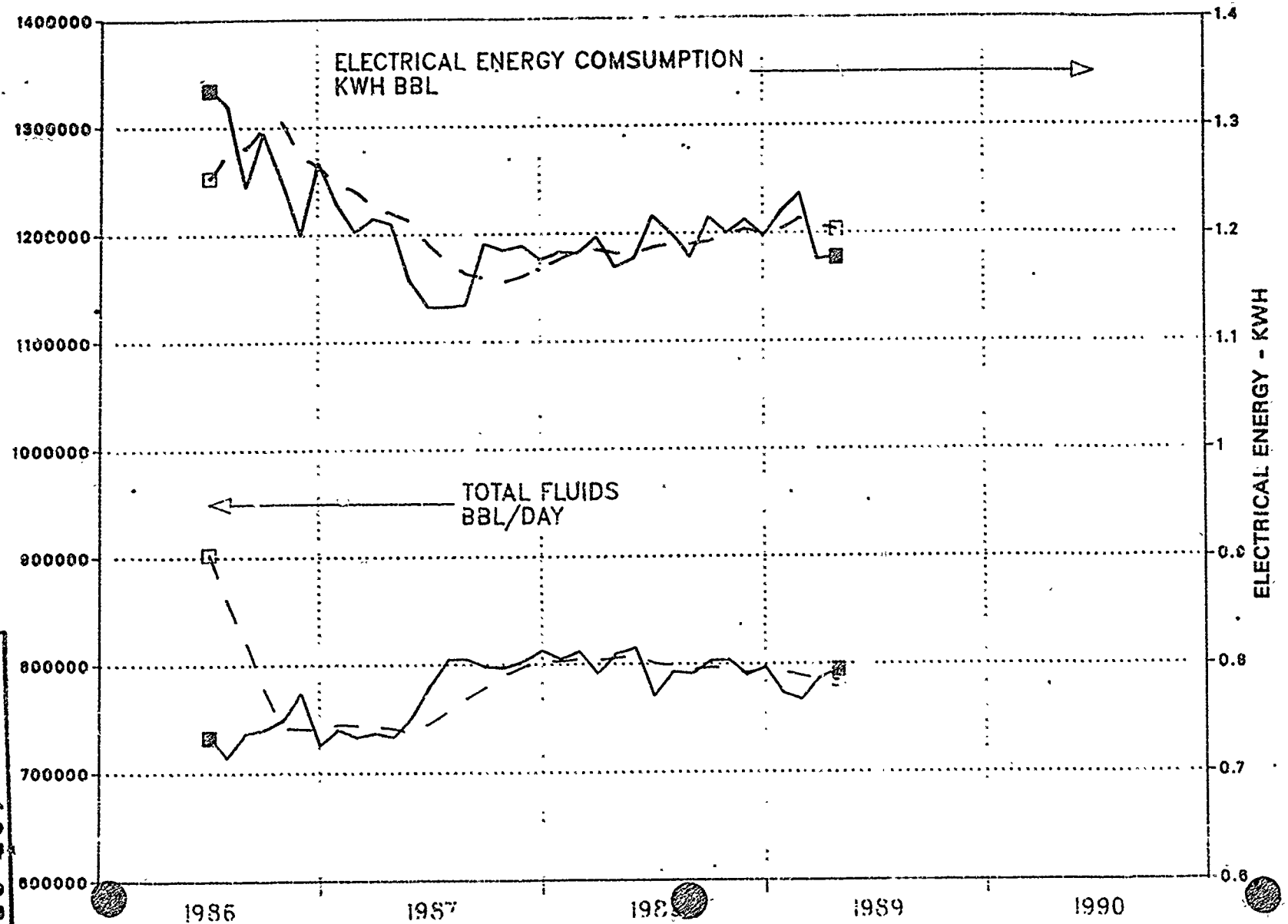
EXHIBIT 20

LBU ISLANDS
COMPARISON OF
TOTAL FLUIDS & ENERGY CONSUMED



MINUTE PAGE
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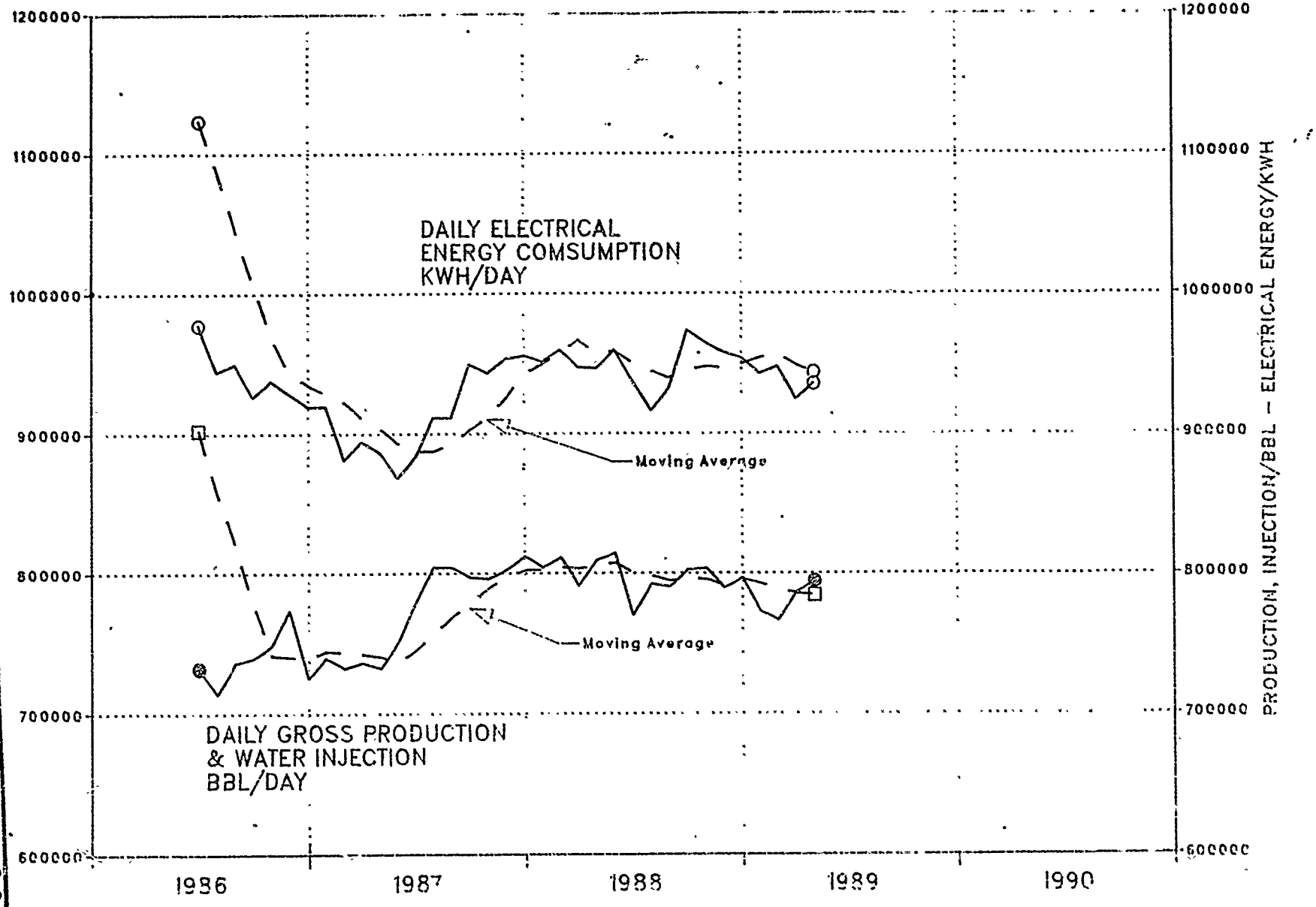
135.27
1526

EXHIBIT 21

LBU ISLANDS
COMPARISON OF
GROSS PROD, WATER INJ, & ENERGY CONSUMED



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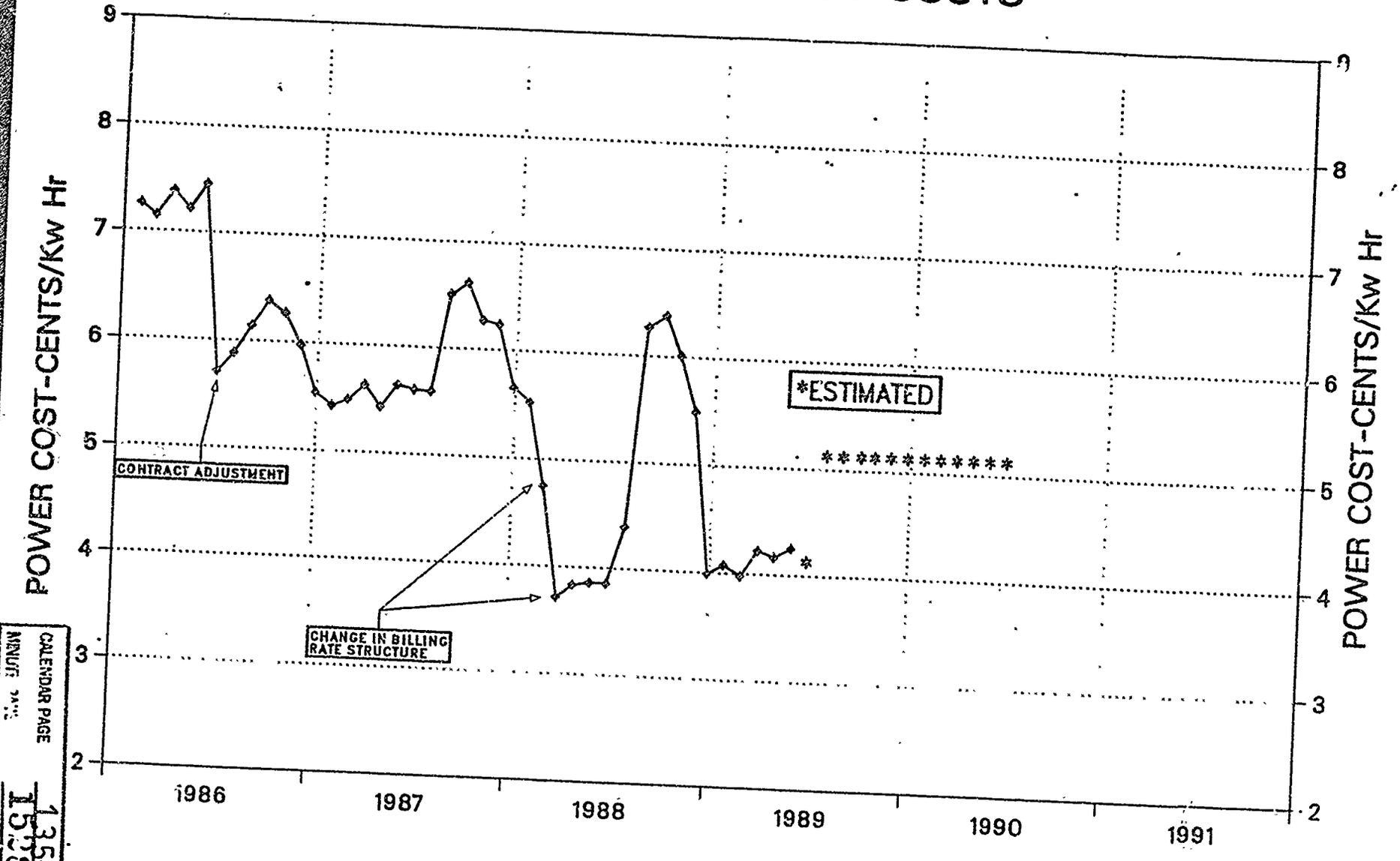
LONG BEACH UNIT
ELECTRICAL ENERGY COSTS

EXHIBIT 22



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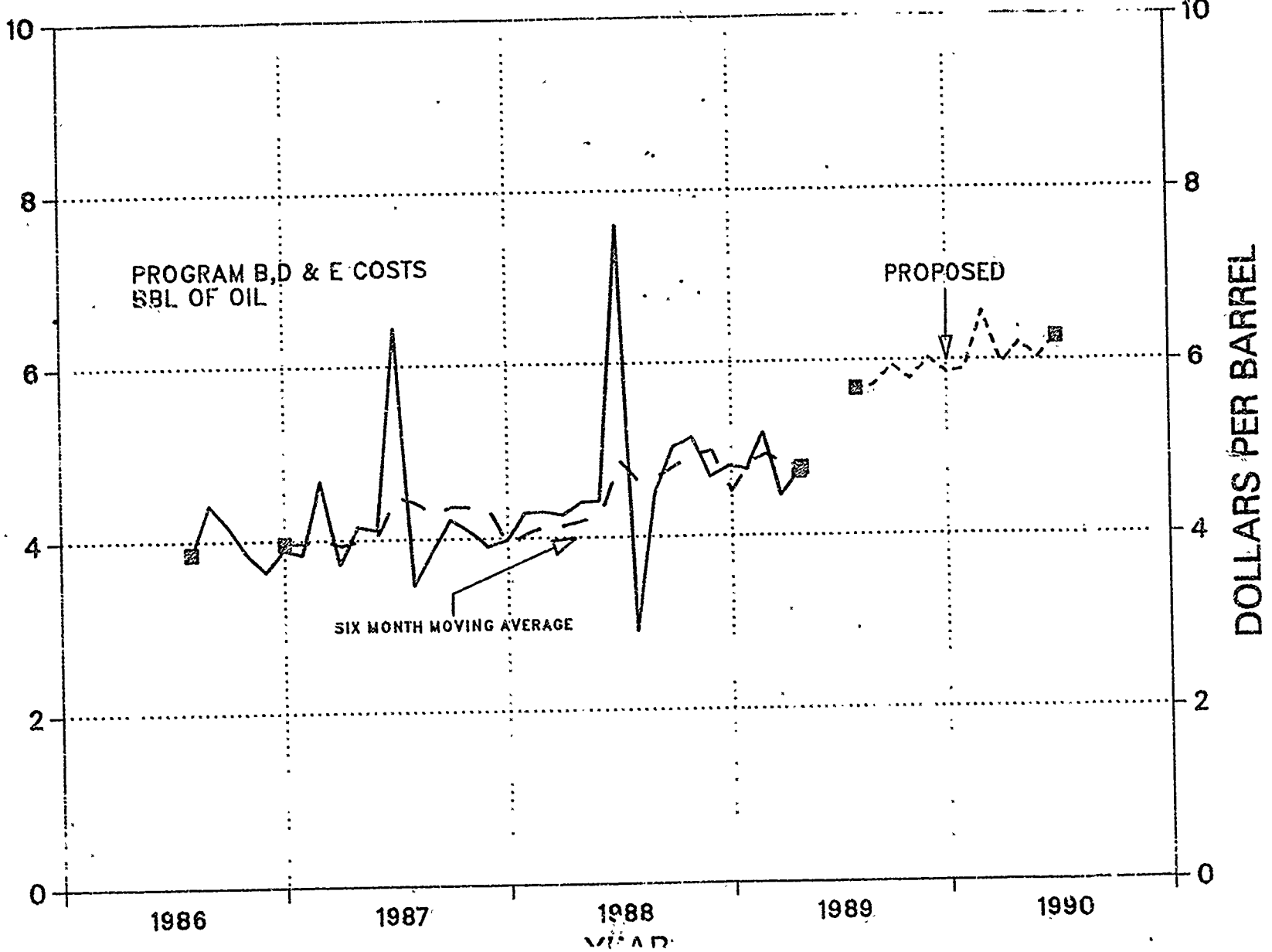
1558

EXHIBIT 23

OIL & GAS, WATER INJECTION AND MANAGEMENT PROGRAMS COSTS EXPRESSED AS $/BBL OF OIL



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