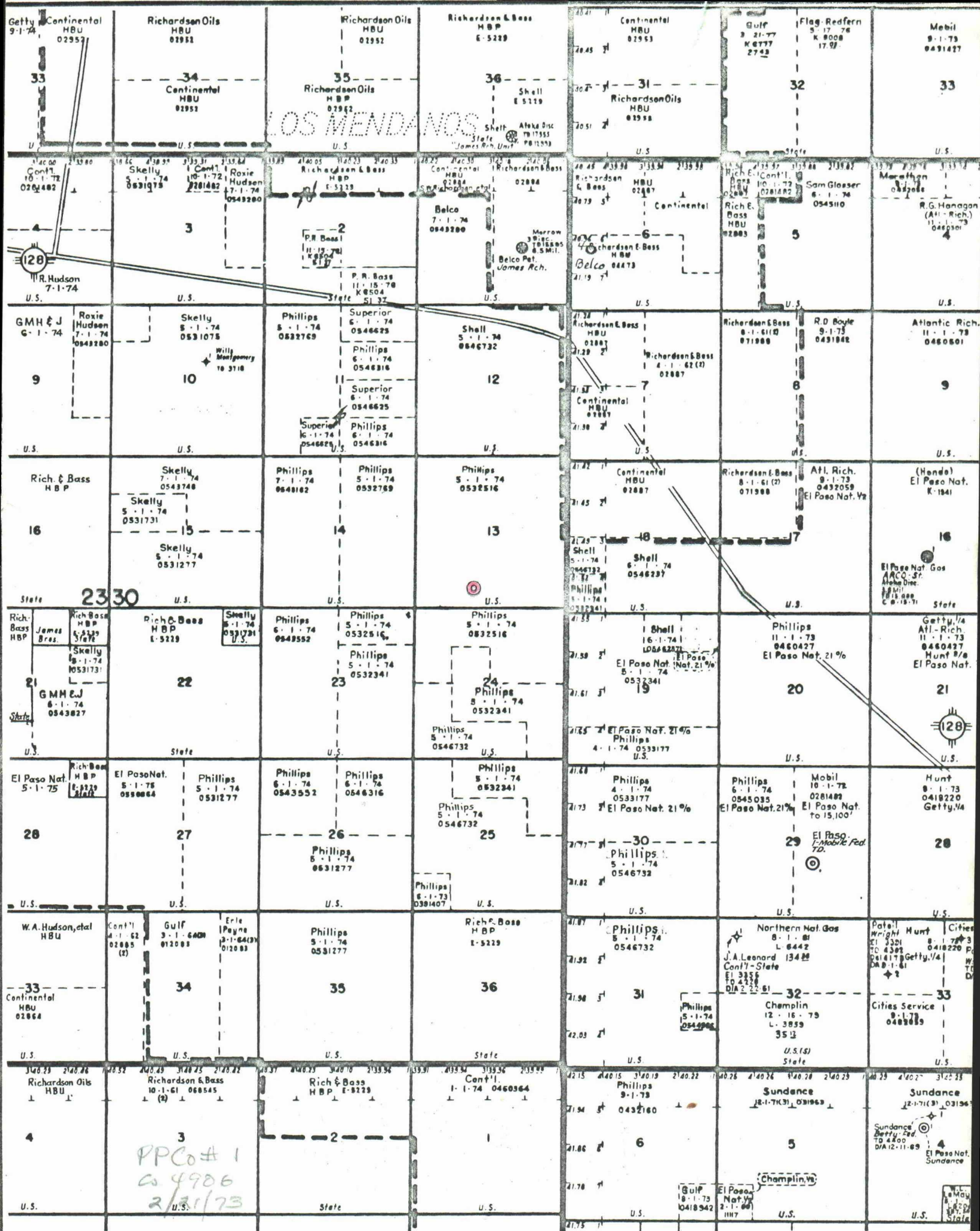


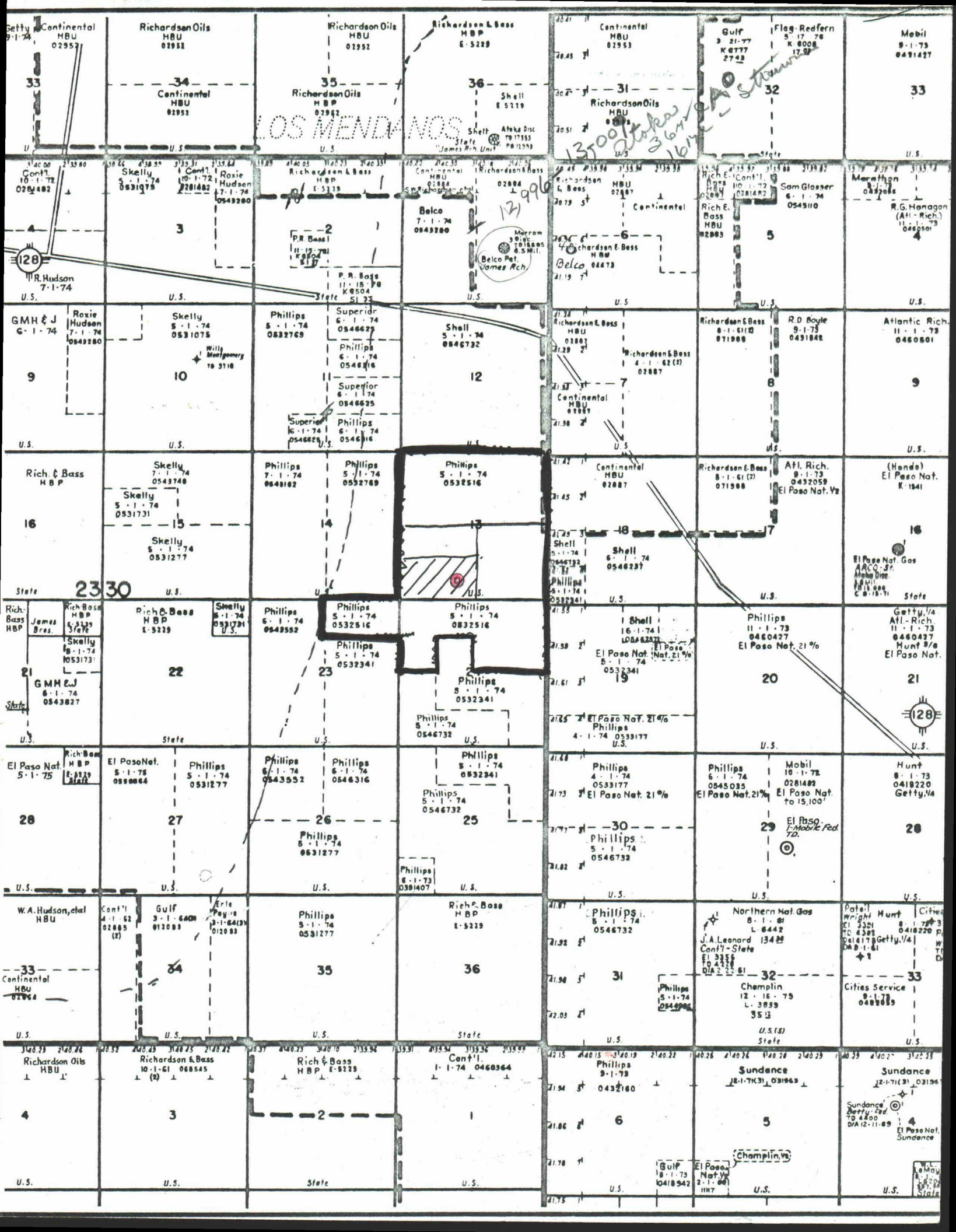


BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 4906 Exhibit No. #1

Submitted by PHILLIPS

Hearing Date 2/21/73



BEFORE THE
OIL CONSERVATION COMMISSION^N

Santa Fe, New Mexico

Case No. _____ Exhibit No. _____

Submitted by _____

Hearing Date _____

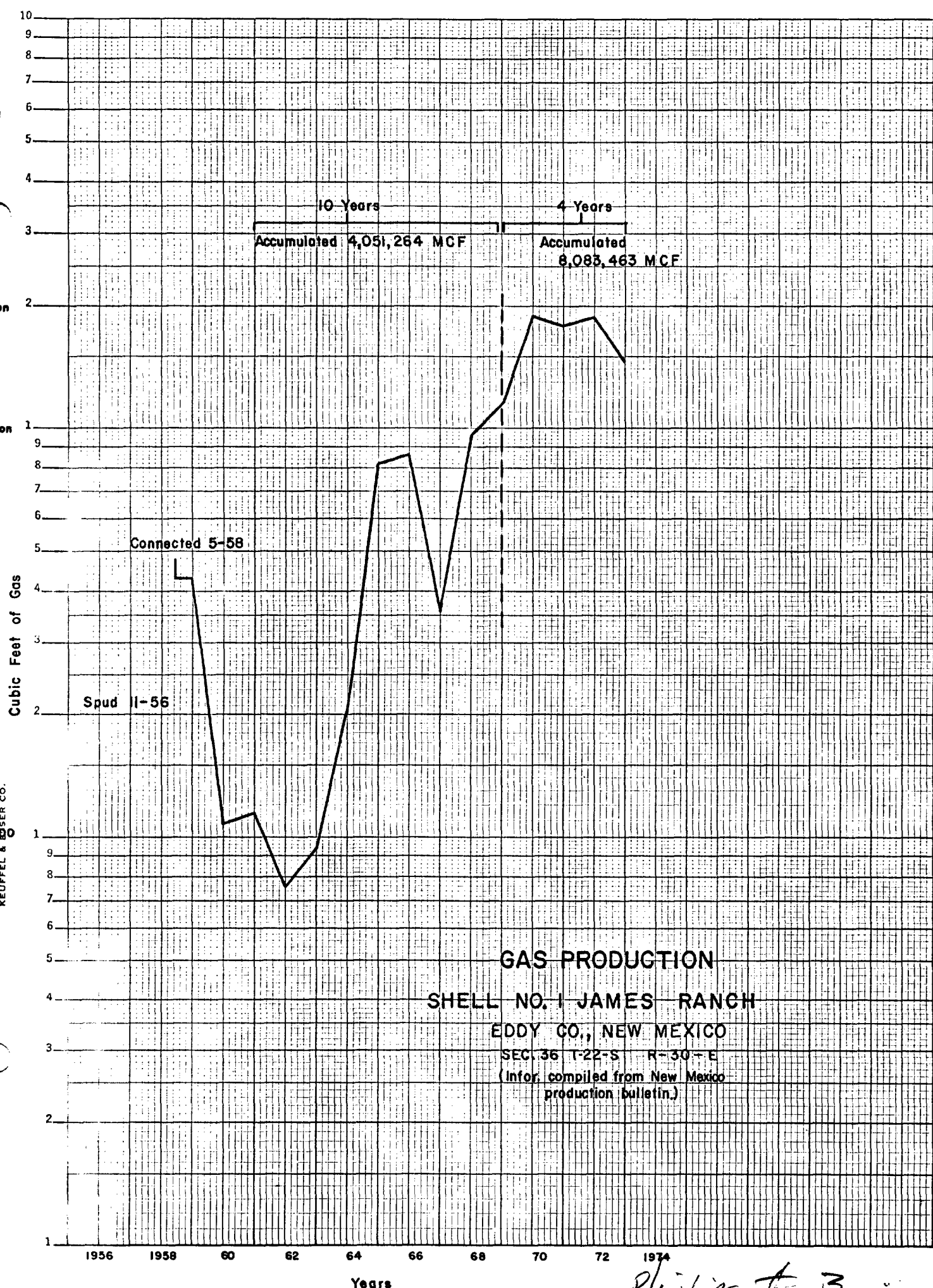
BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 4906 Exhibit No. # 1

Submitted by PHILLIPS

Hearing Date 2/21/73

K&E SEMI-LOGARITHMIC
3 CYCLES X 140 DIVISIONS
46 5810
MADE IN U.S.A.
KEUFFEL & ESSER CO.



Phillips # 3

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 4906 Exhibit No. #3

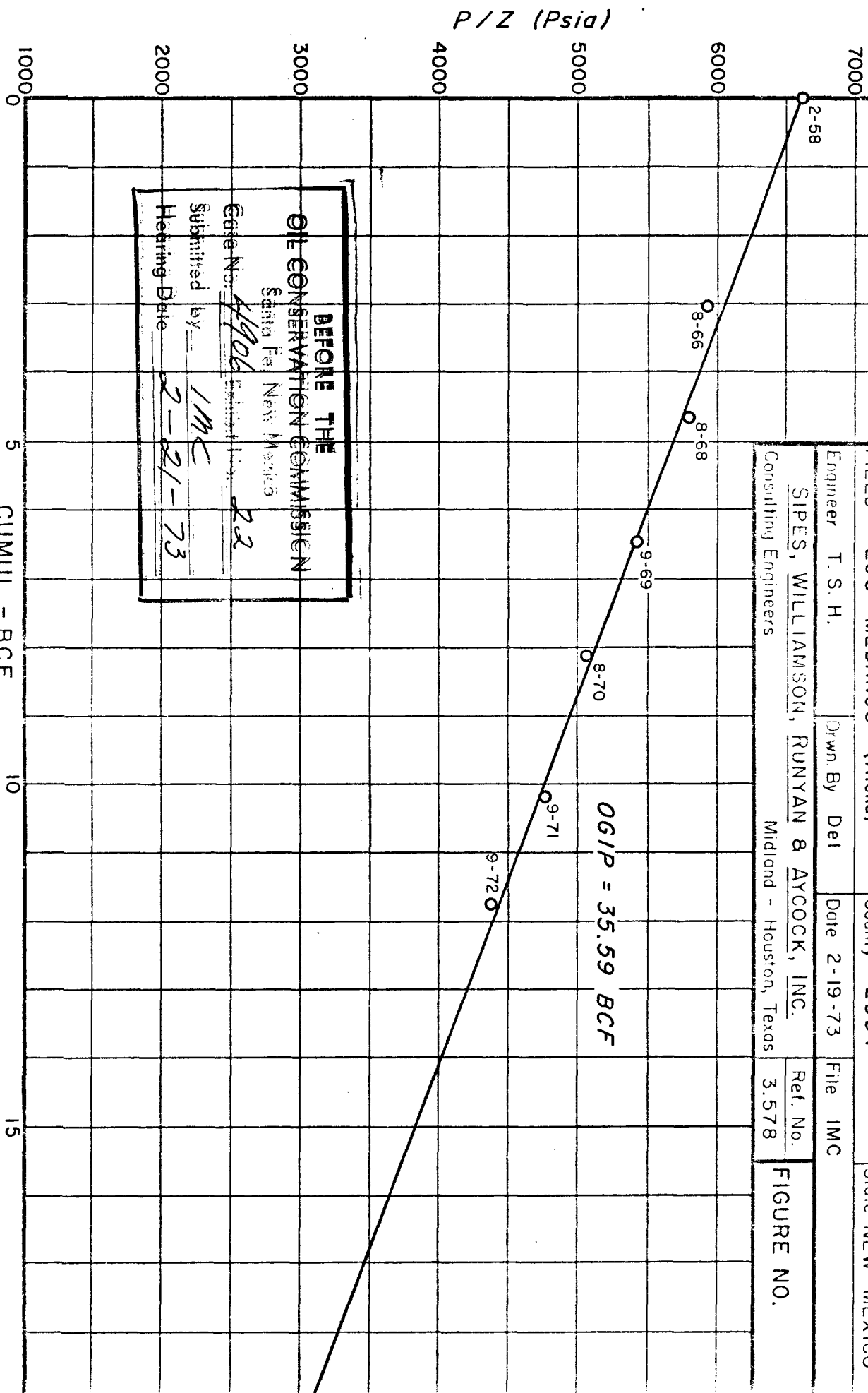
Submitted by Phillips

Hearing Date 2/21/73

IMC 22

SHELL - James Ranch Unit

FIELD	LOS MEDANOS (Atoka)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.			File	IMC	
Consulting Engineers			Ref. No.	3.578	FIGURE NO.
Midland - Houston, Texas					



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 4906 Extension 22
Submitted by IMC
Hearing Date 2-21-73

GAS PRODUCTION - MMCF/Mo.

1,000,000

100,000

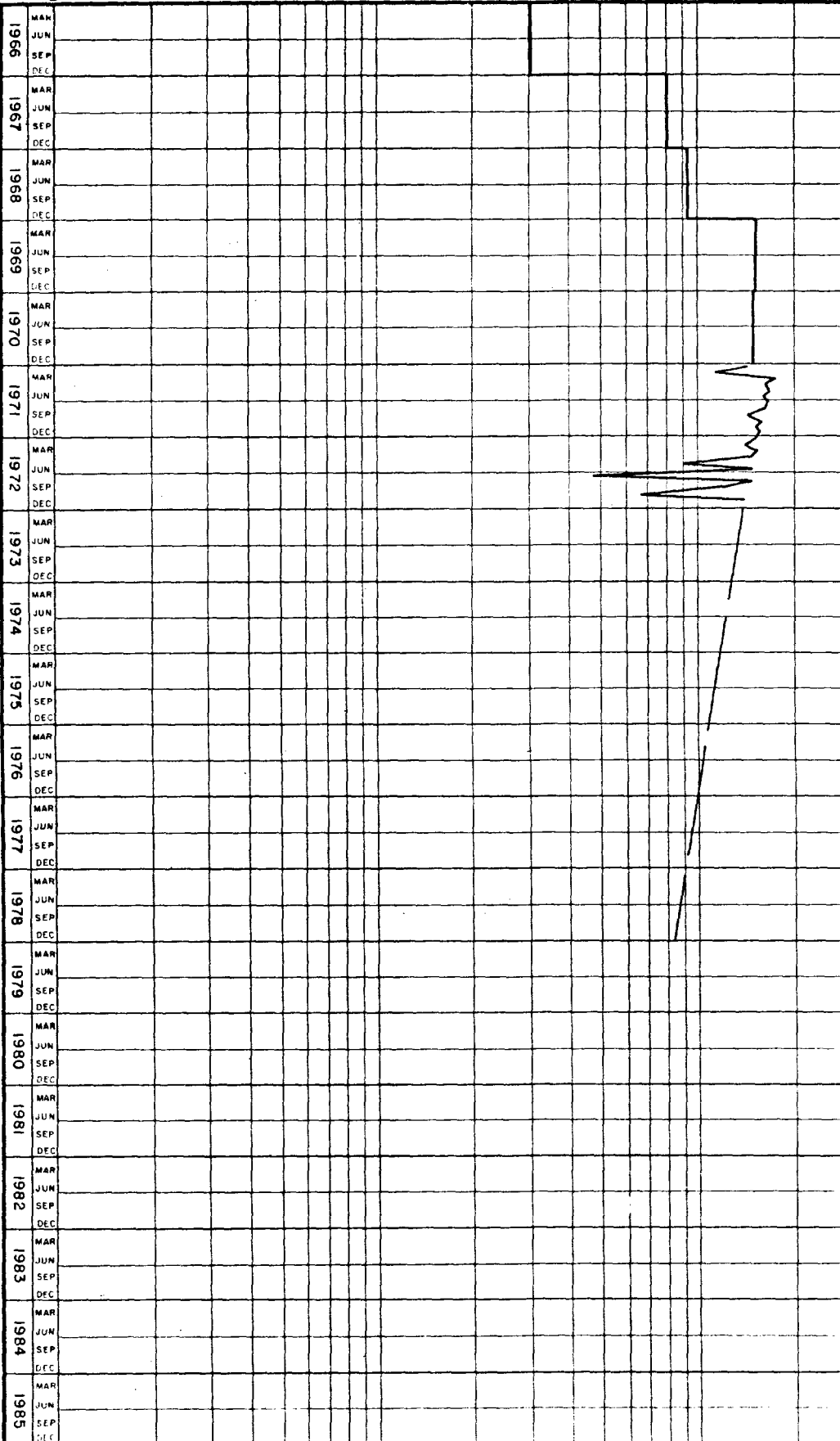
10,000

1,000

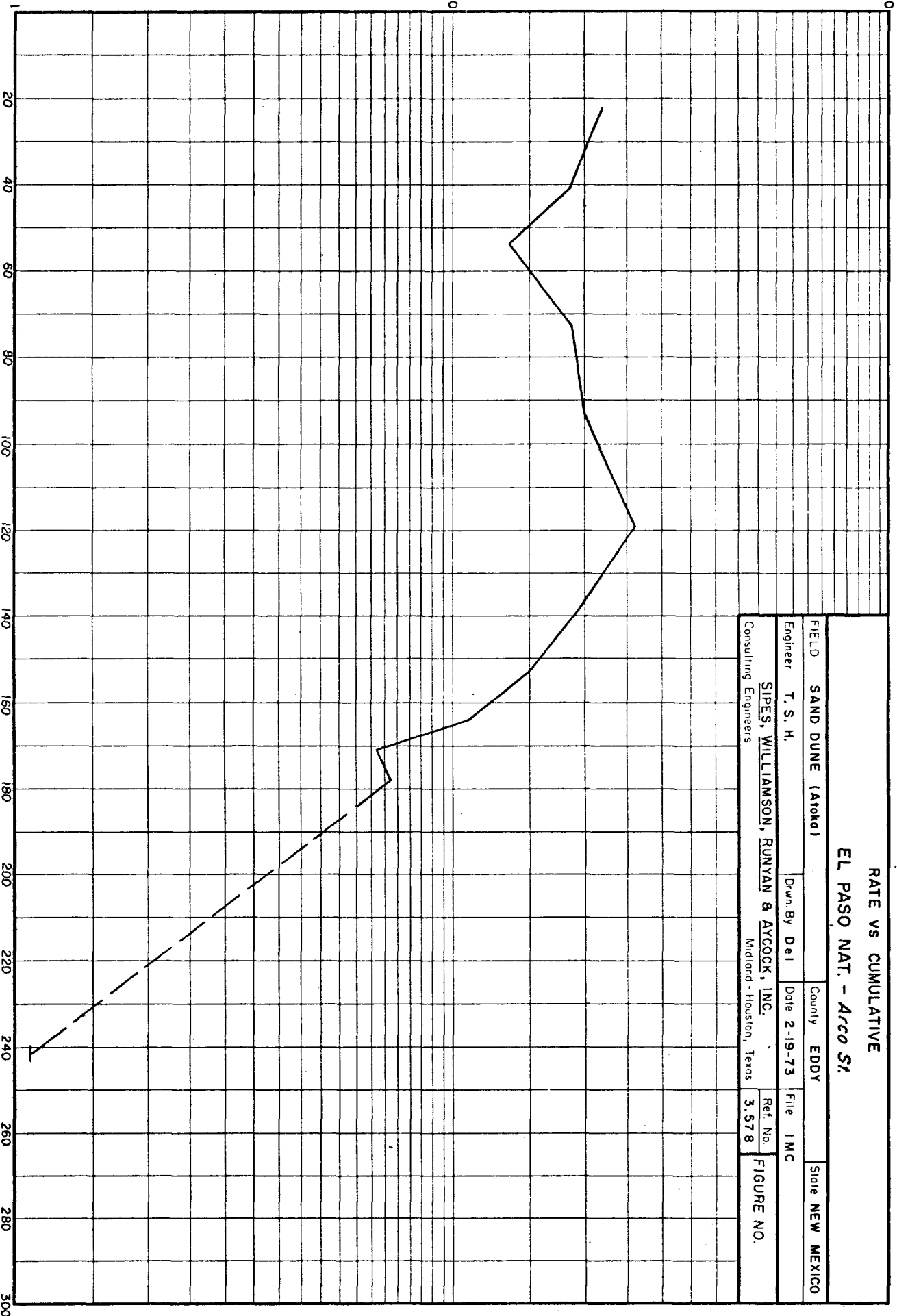
PRODUCTION HISTORY

Shell - James Ranch Unit TOTAL FIELD

FIELD	LOS MEDANOS (Atoka)	County	EDDY	State	NEW MEXICO
Engineer	T.S.H.	Drawn By	Del	Date	2-19-73
Consulting Engineers	SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC. Midland - Houston, Texas	Ref. No.	3.578	Figure No.	



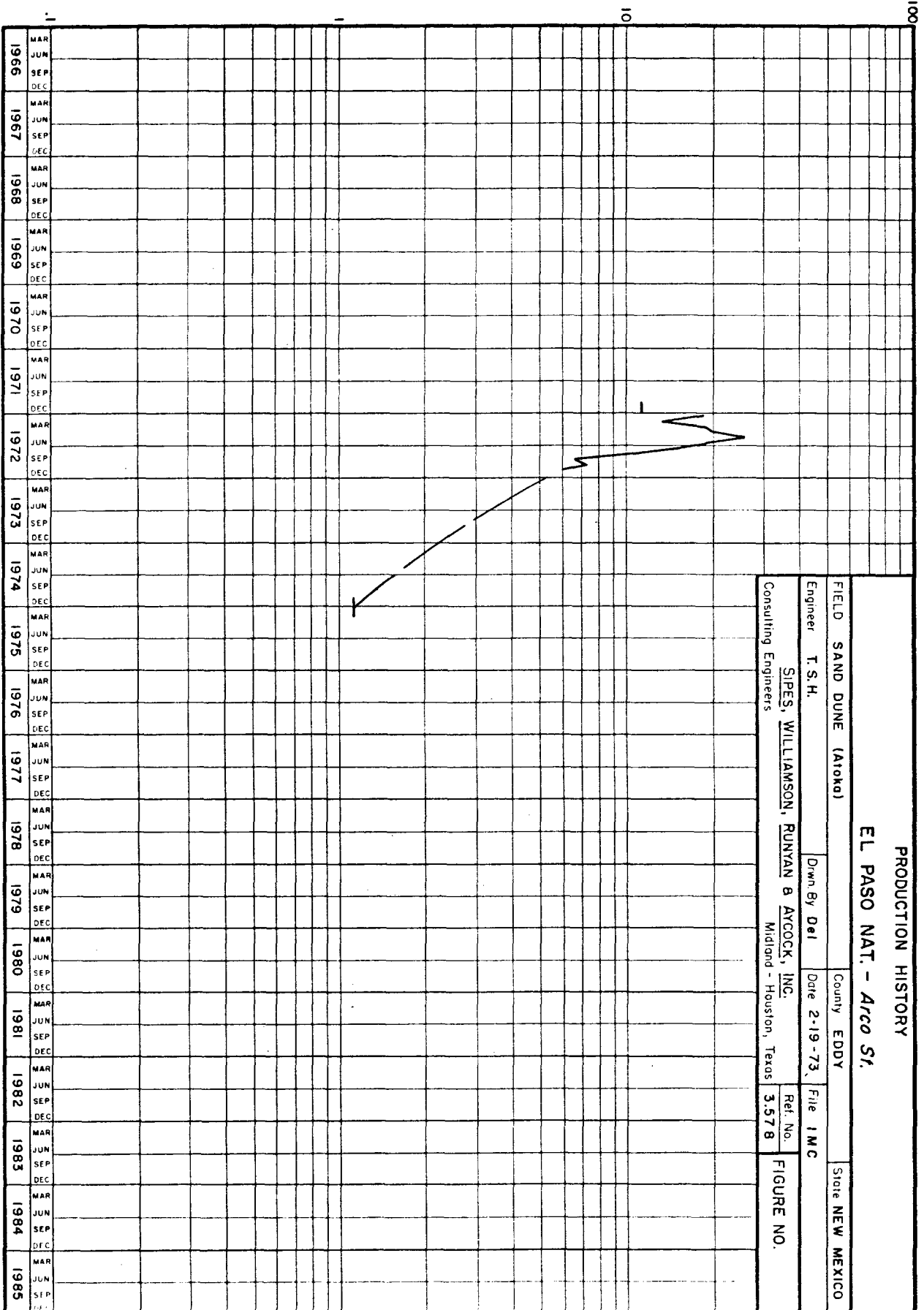
CUMULATIVE GAS - MMCF



RATE VS CUMULATIVE
EL PASO NAT. - Arco St.

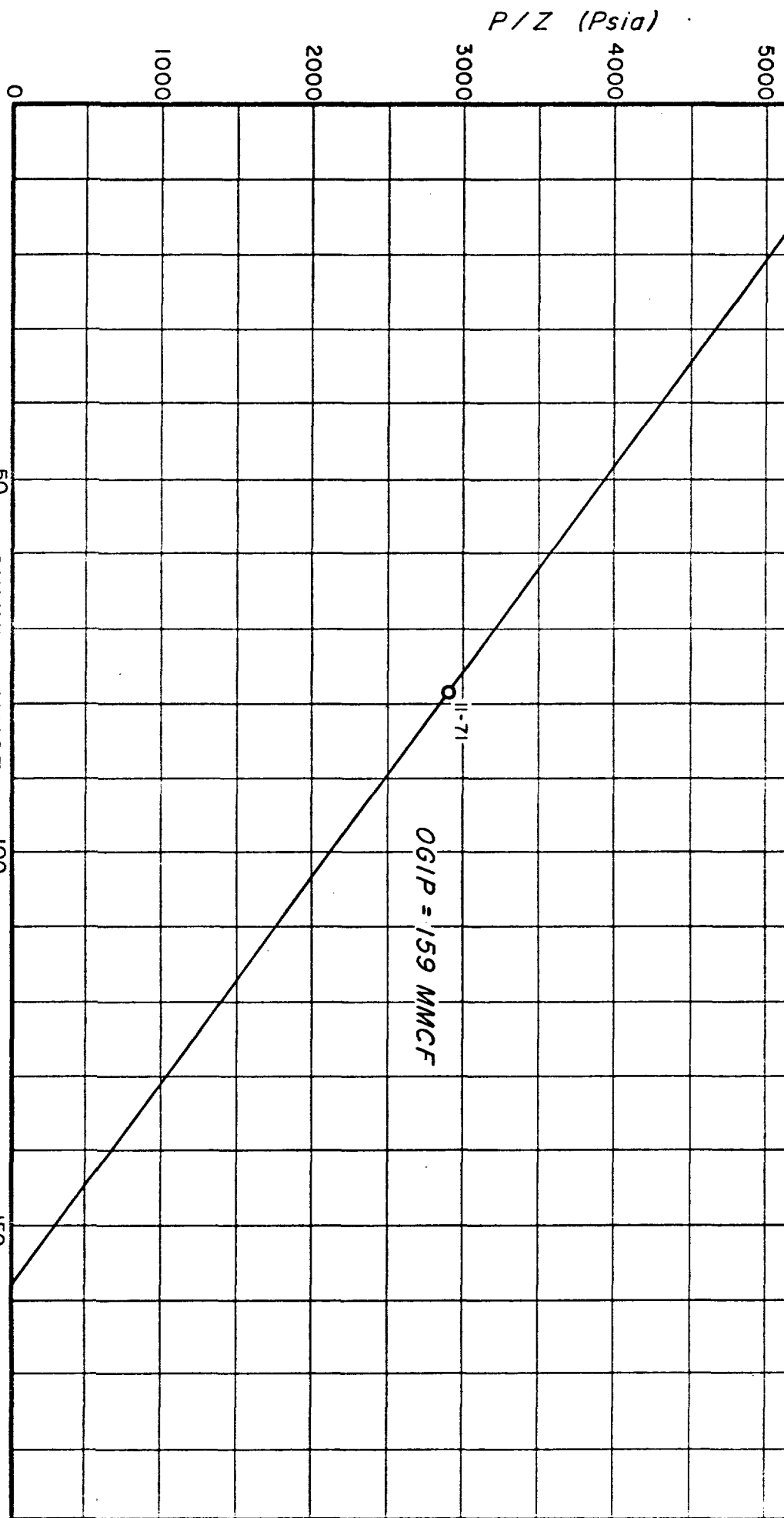
FIELD	SAND DUNE (Atoka)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
Consulting Engineers	SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.	Ref. No.	3.578	FIGURE NO.	
	Midland - Houston, Texas				

GAS PRODUCTION - MMCF/Mo.



TEXAS AMER. OIL - Todd '14' Fed.

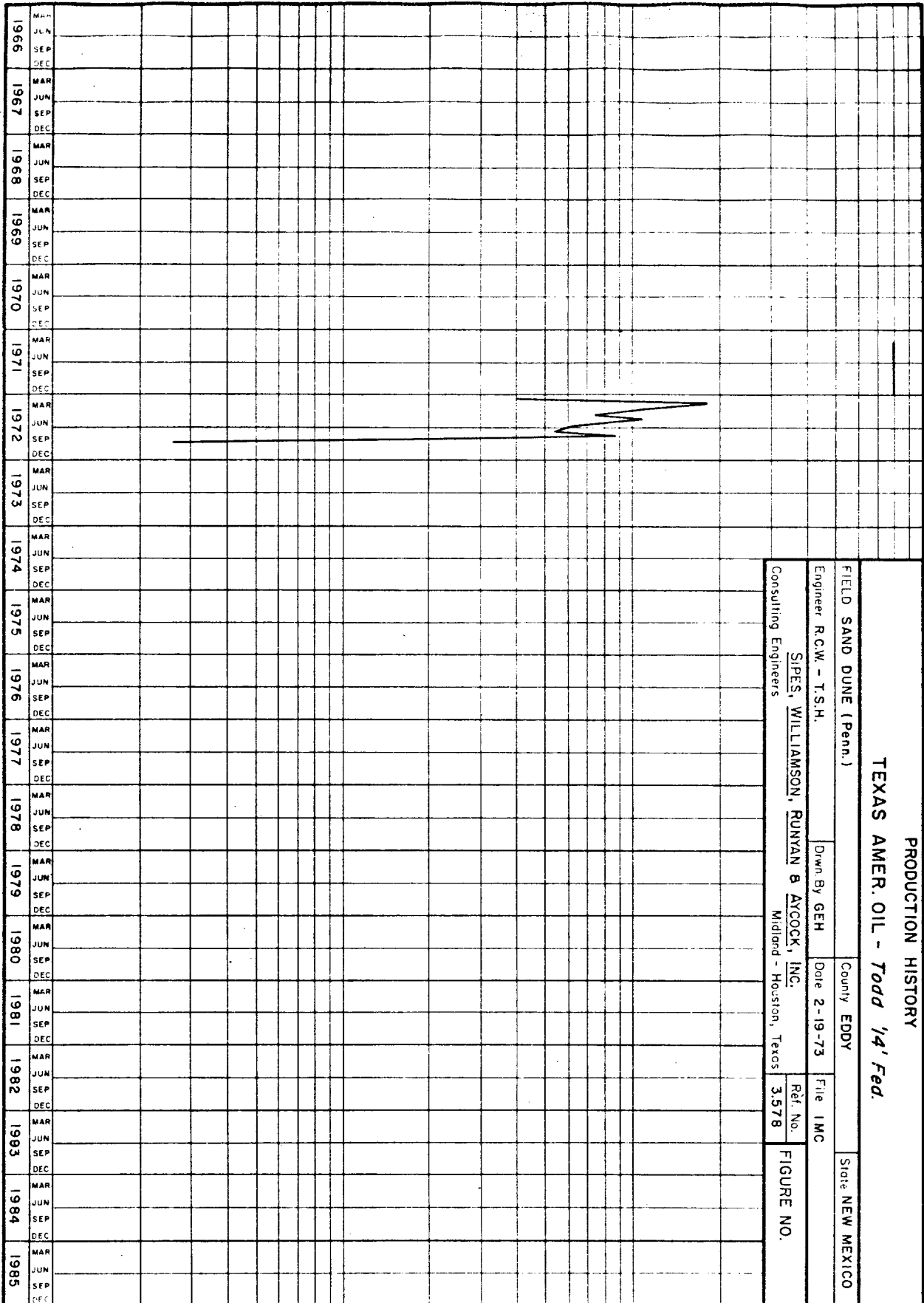
FIELD SAND DUNE (Atoka)	County EDDY	State NEW MEXICO
Engineer T. S. H.	Drawn By Del	Date 2-19-73
SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.		File IMC
Consulting Engineers		Ref. No. 3.578
Midland - Houston, Texas		FIGURE NO.



10

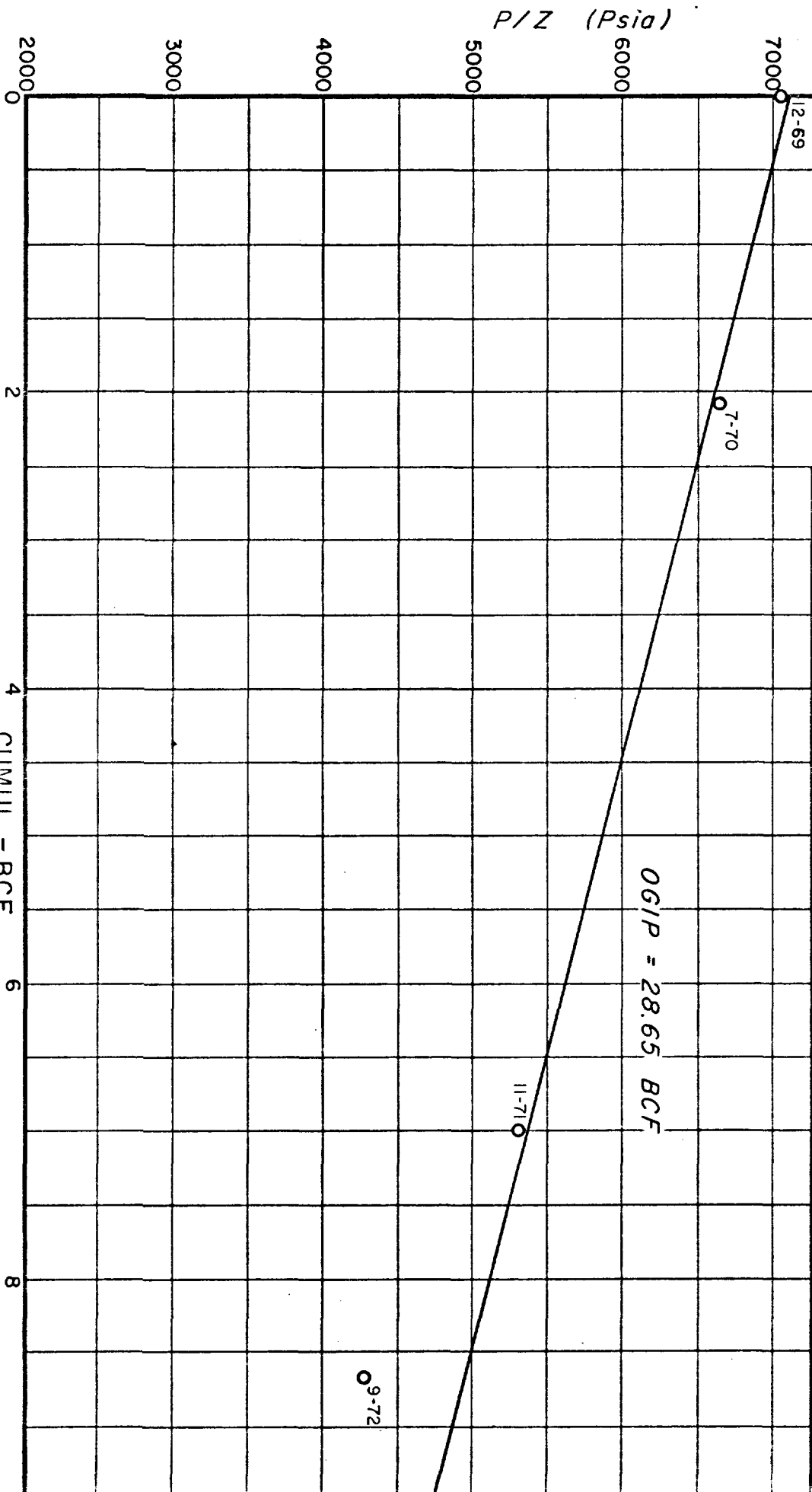
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0.01

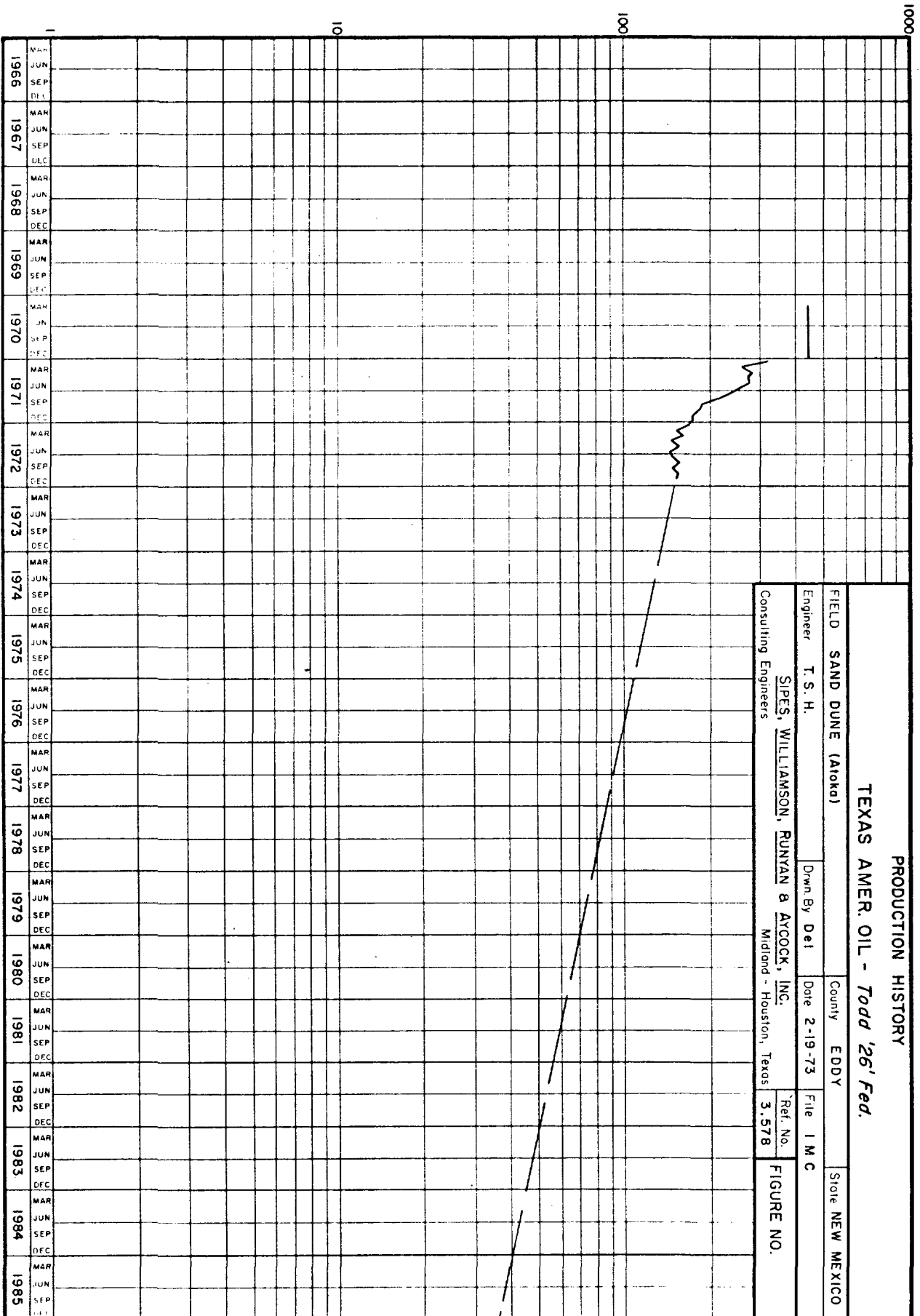


TEXAS AMER. OIL - 'Todd '26' Fed.

FIELD	SAND DUNE (Atoka)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.		Midland - Houston, Texas		Ref. No.	3.578
Consulting Engineers		FIGURE NO.			



GAS PRODUCTION - MMCF / Mo.



TEXAS AMER. OIL - Todd '26' Fed.

PRODUCTION HISTORY

FIELD	SAND DUNE (Atoka)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
Consulting Engineers	SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.	Midland - Houston, Texas	Ref. No.	3,578	FIGURE NO.
			File	I M C	

TEXACO - Cotton Draw Unit 68F

FIELD	PADUCA (Morrow)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.			Ref. No.	File	IMC
Consulting Engineers			Midland - Houston, Texas	3.578	FIGURE NO.

OGIP = 900 MMCF

P/Z (Psia)

6-70

9-71

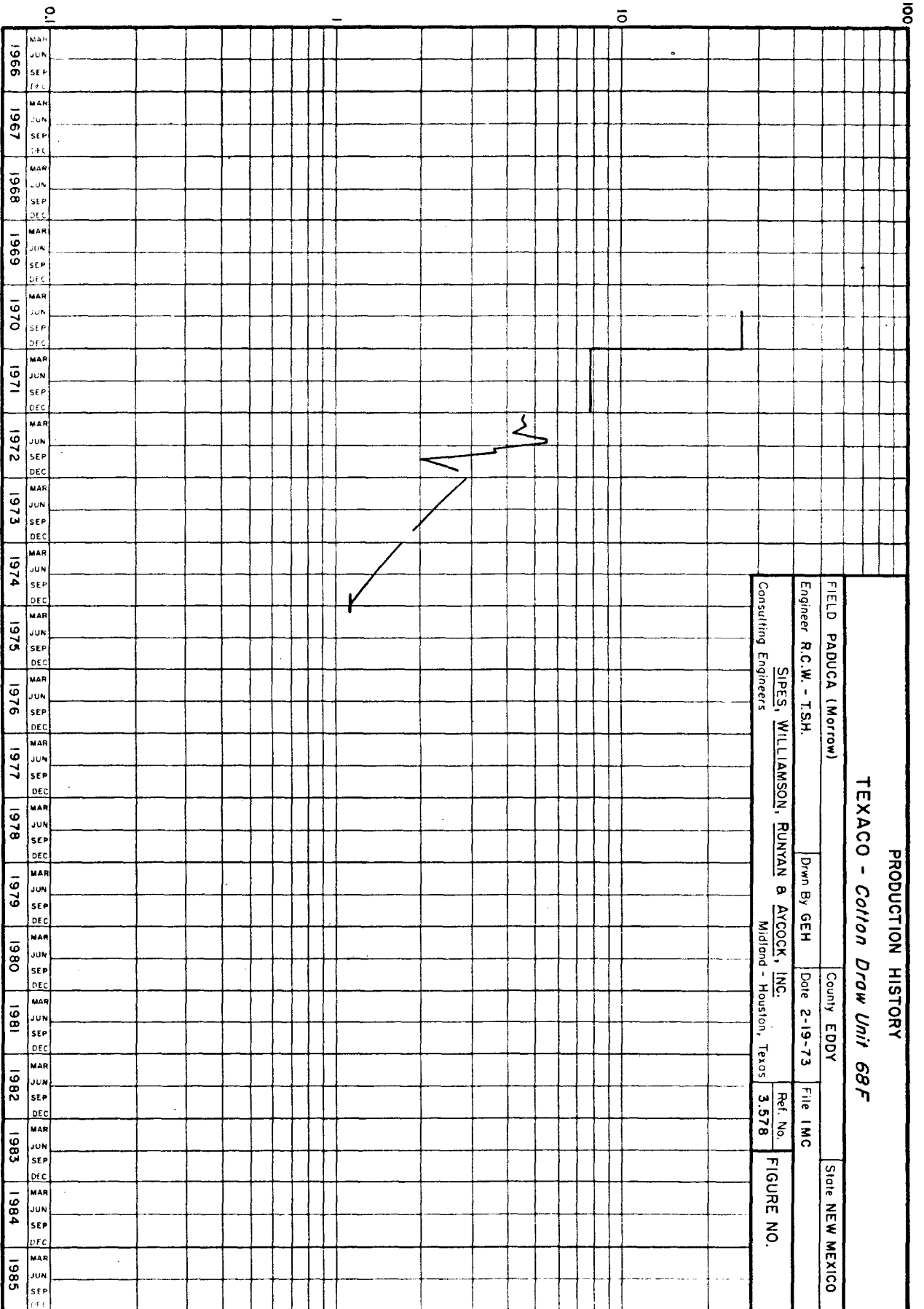
9-72

.5

CUMUL. - BCF

1

1.5

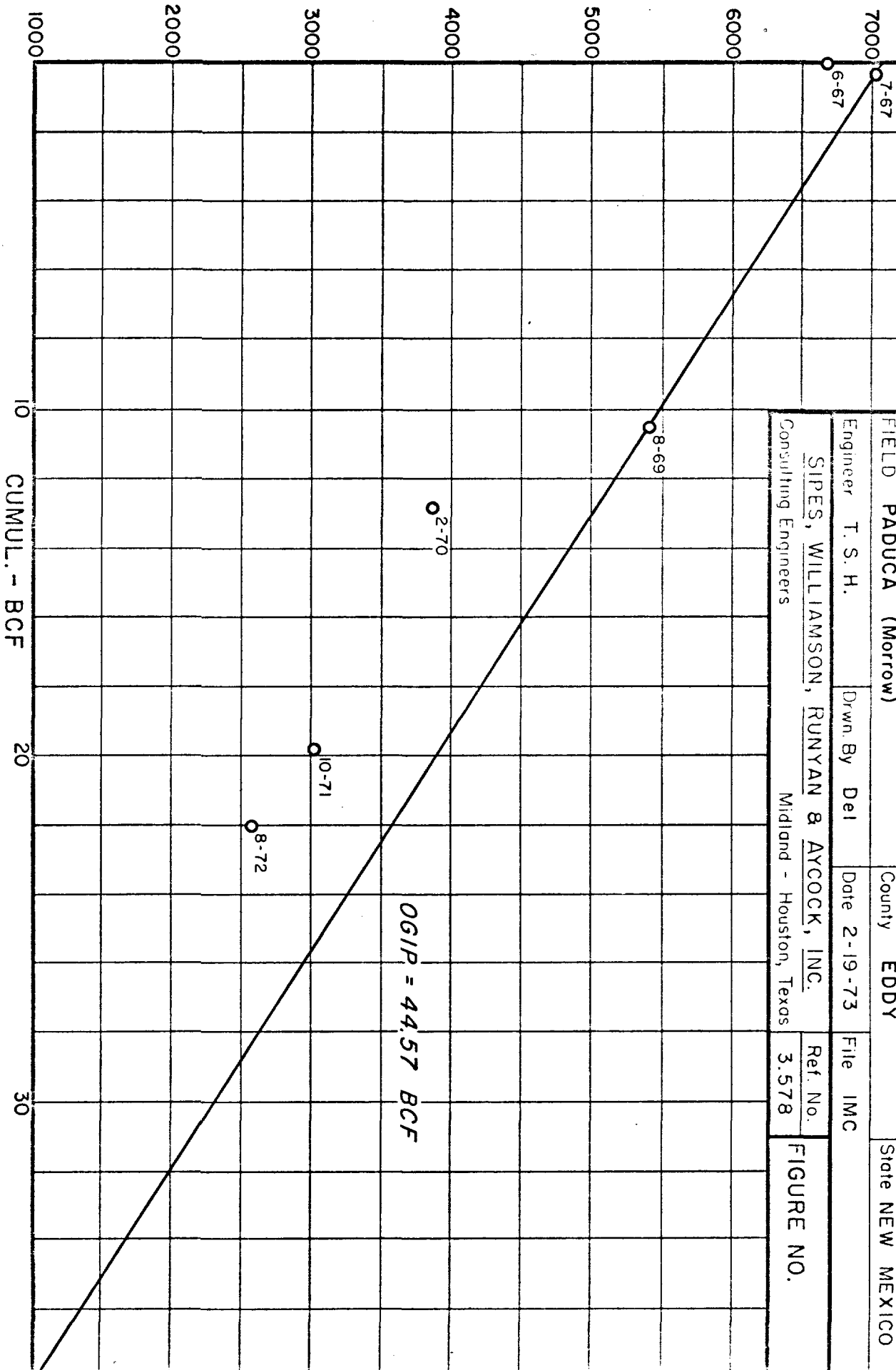


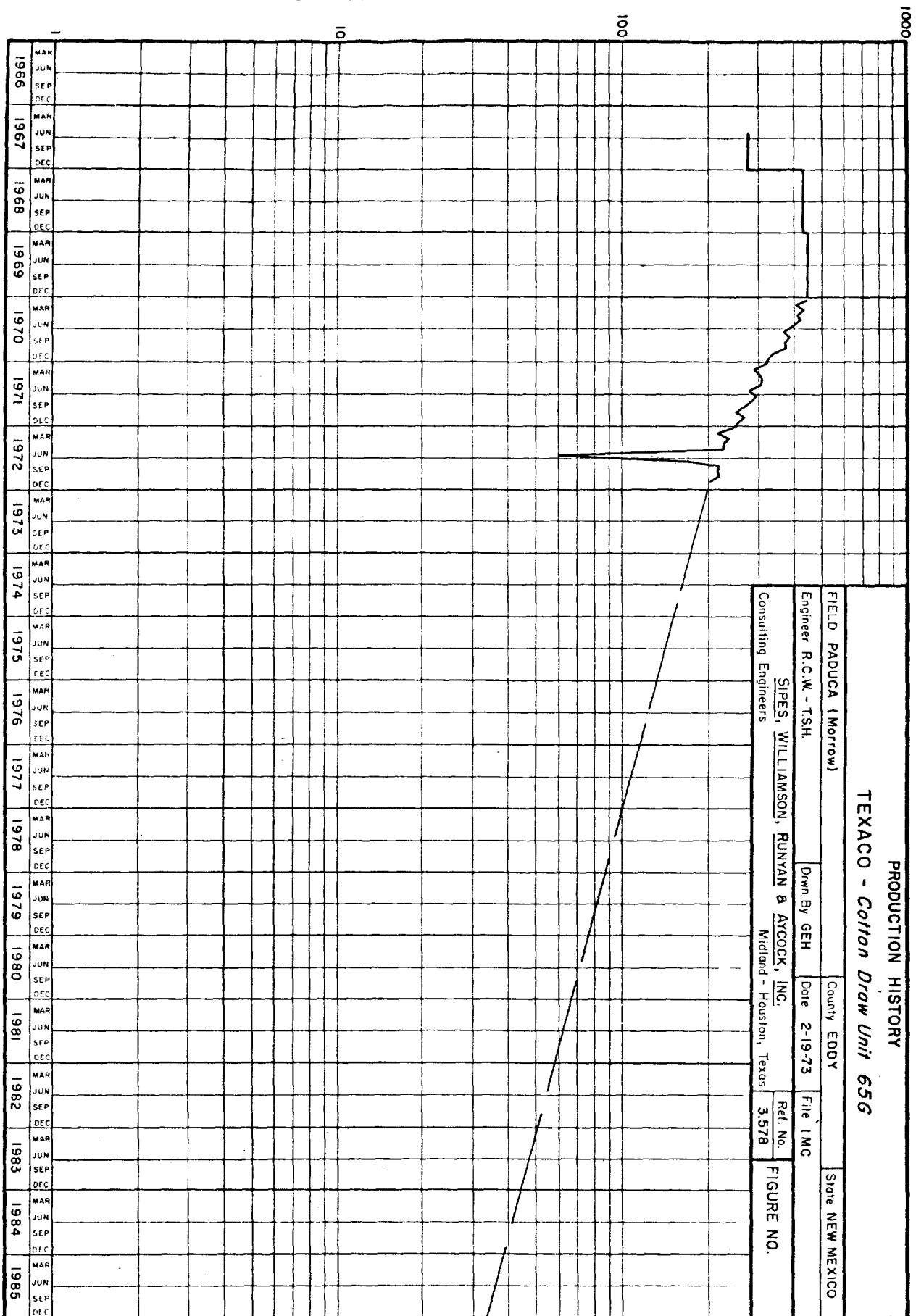
P/Z (Psia)

TEXACO - Cotton Draw Unit 65G

FIELD	PADUCA (Morrow)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.		File	IMC	Ref. No.	3.578
Consulting Engineers		Midland - Houston, Texas		FIGURE NO.	

OGIP = 44.57 BCF





TEXACO - Cotton Draw Unit 67L

FIELD PADUCA (Morrow)

County EDDY

State NEW MEXICO

Engineer T. S. H.

Drawn By Del

Date 2-19-73

File IMC

SIPEs, WILLIAMSON, RUNYAN & AYCOCK, INC.

Ref. No.

Consulting Engineers

Midland - Houston, Texas

3.578

FIGURE NO.

P/Z (Psia)

7000

6000

5000

4000

3000

2000

1000

0

7-69

8-70

10-71

8-72

OGIP = 7.20 BCF

5

CUMUL. - BCF

10

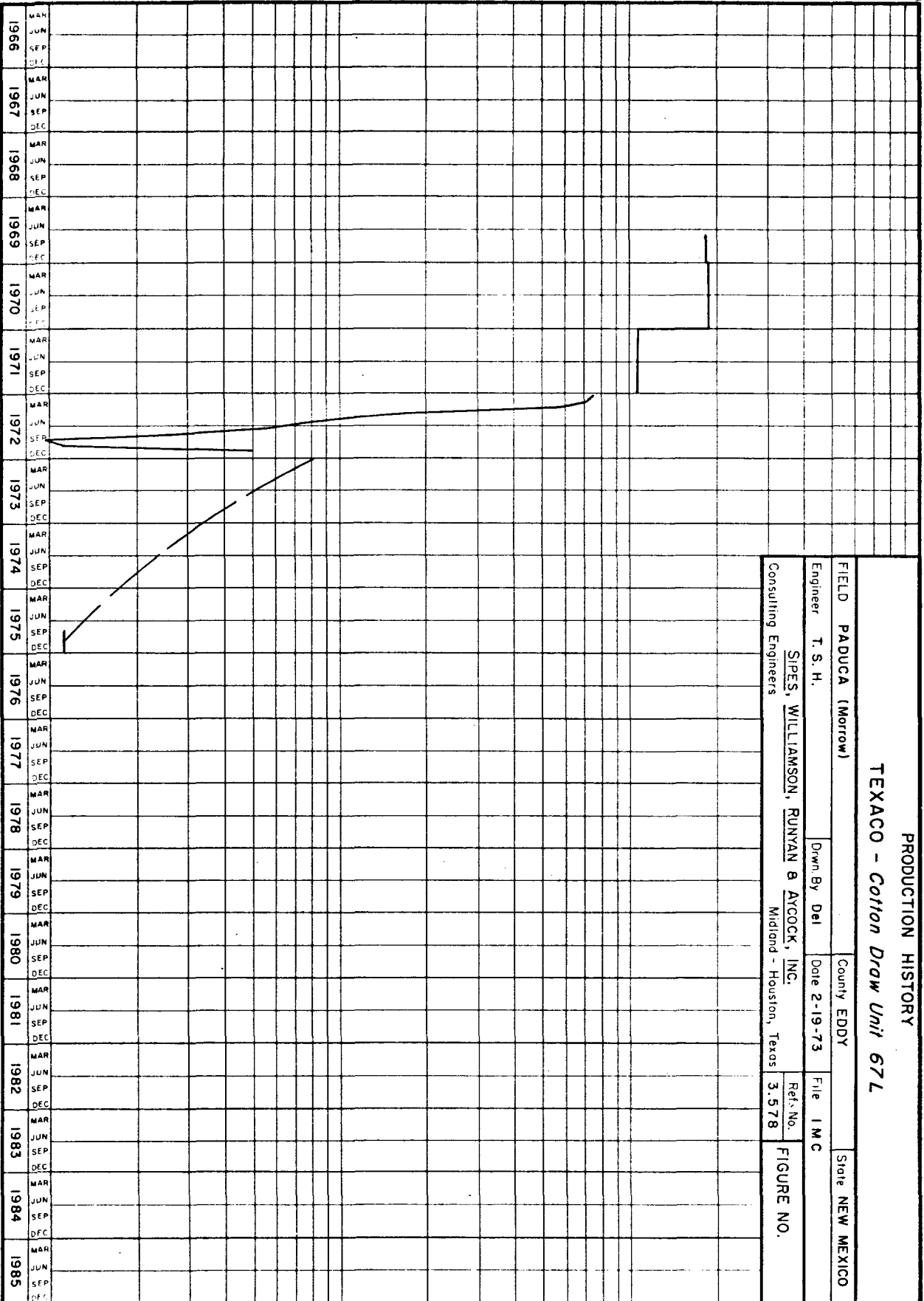
15

GAS PRODUCTION - MMCF / Mo.

1000

100

10



PRODUCTION HISTORY
TEXACO - Cotton Draw Unit 67L

FIELD	PADUCA (Morrow)	County	EDDY	State	NEW MEXICO
Engineer	T. S. H.	Drawn By	Del	Date	2-19-73
Consulting Engineers	SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC. Midland - Houston, Texas	Ref. No.	3.578	FIGURE NO.	

EXHIBIT 23

TABULATION OF PRODUCTION AND RESERVE DATA
CERTAIN PENNSYLVANIAN AGE FIELDS
RIDDY COUNTY, NEW MEXICO

FIELD (RESERVOIR)

OPERATOR

Lease Name - Well No. & (Location)

Date of Initial Production
Cumulative Production @ 12/1/72
BCF

Reserves @ 12/1/72
BCF
Ultimate Reserves
BCF
Producing Life
Years
Total

LOS MEDANOS FIELD

BELCO

James Ranch No. 3 (1-23S-30E)

not connected 0.000

0

LOS MEDANOS (ATOKA) FIELD

SHELL OIL COMPANY

James Ranch Unit 10 (36-22S-30E)

11.872

72

PADUCA (NORROW) FIELD

TEXACO INC.

Cotton Draw Unit 65G (2-25S-31E)

22.677

46

67L (35-24S-31E)

4.690

6

68F (12-25S-31E)

0.319

4.5

SAND DUNES (ATOKA) WEST FIELD

EL PASO NATURAL GAS CO.

Arco State 1K (16-23S-31E)

0.183

3

SAND DUNES FIELD

EL PASO NATURAL GAS

Mobil-Federal 1 (29-23S-31E)

0.000

0

SAND DUNES (LOWER PENN) FIELD

EL PASO NATURAL GAS CO.

Sundance Federal 1F (4-24S-31E)

0.012

-

TEXAS AMERICAN OIL CORPORATION

Todd Federal 14-1 1K (14-23S-31E)

0.087

2

SAND DUNES (ATOKA) FIELD

TEXAS AMERICAN OIL CORPORATION

Todd Federal 26-1 1G (26-23S-31E)

8.978

50

SAND DUNES FIELD

TEXAS AMERICAN OIL CORPORATION

Todd Federal 36 1 (36-23S-31E)

0.000

0

SIPES, WILLIAMSON, RUNYAN & AYCOCK, INC.
1100 GIBBS TOWER WEST MIDLAND, TEXAS 79701
ROY C. WILLIAMSON, JR., P. E./pw 2/19/73

EXHIBIT

23