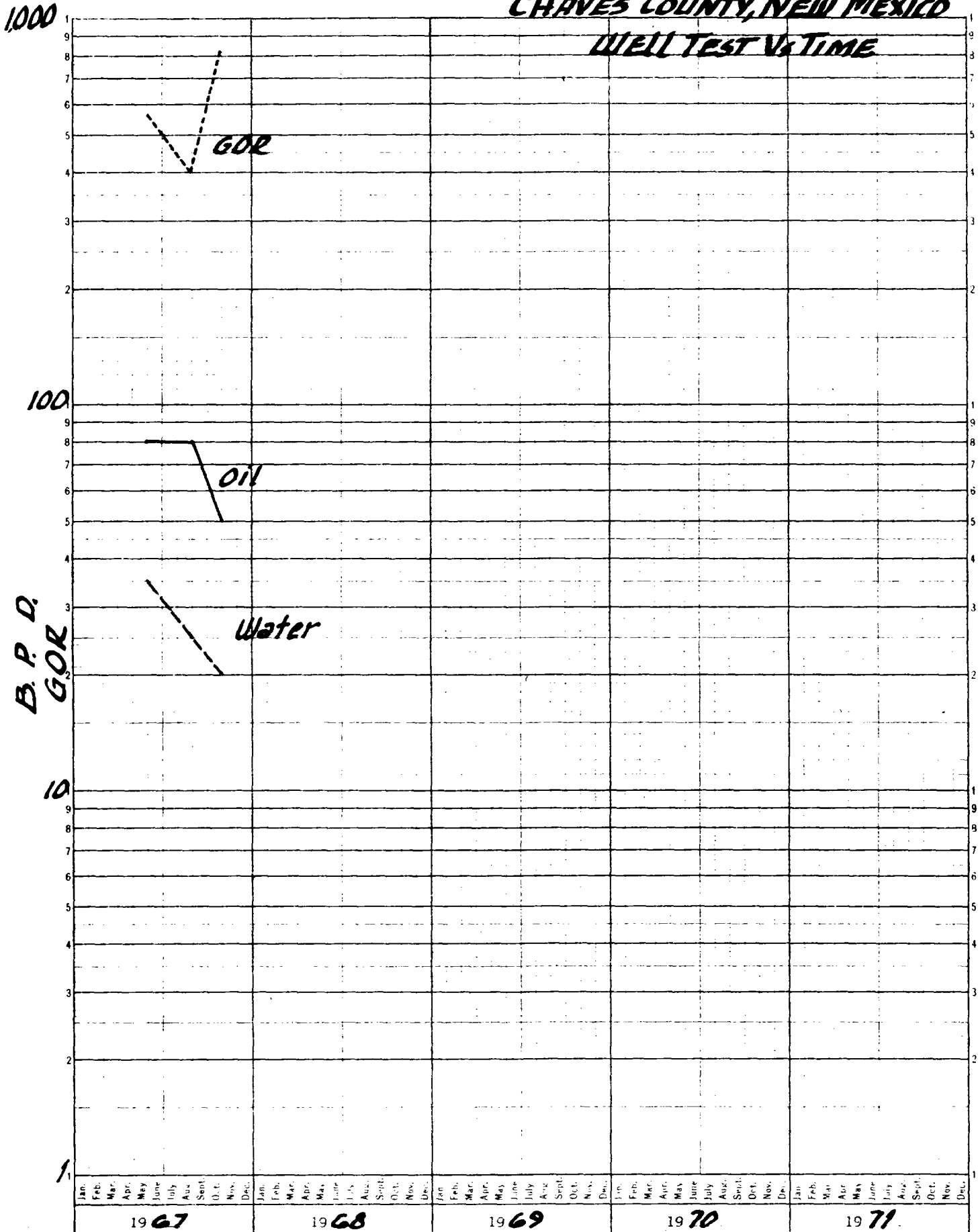


*TOM TOM (S.A.)
POOL
PRODUCTION CURVES*

*APPENDIX OF
NEW MEXICO SAN ANTONIO
Trend Development Economics
File No. 409 January 1968*

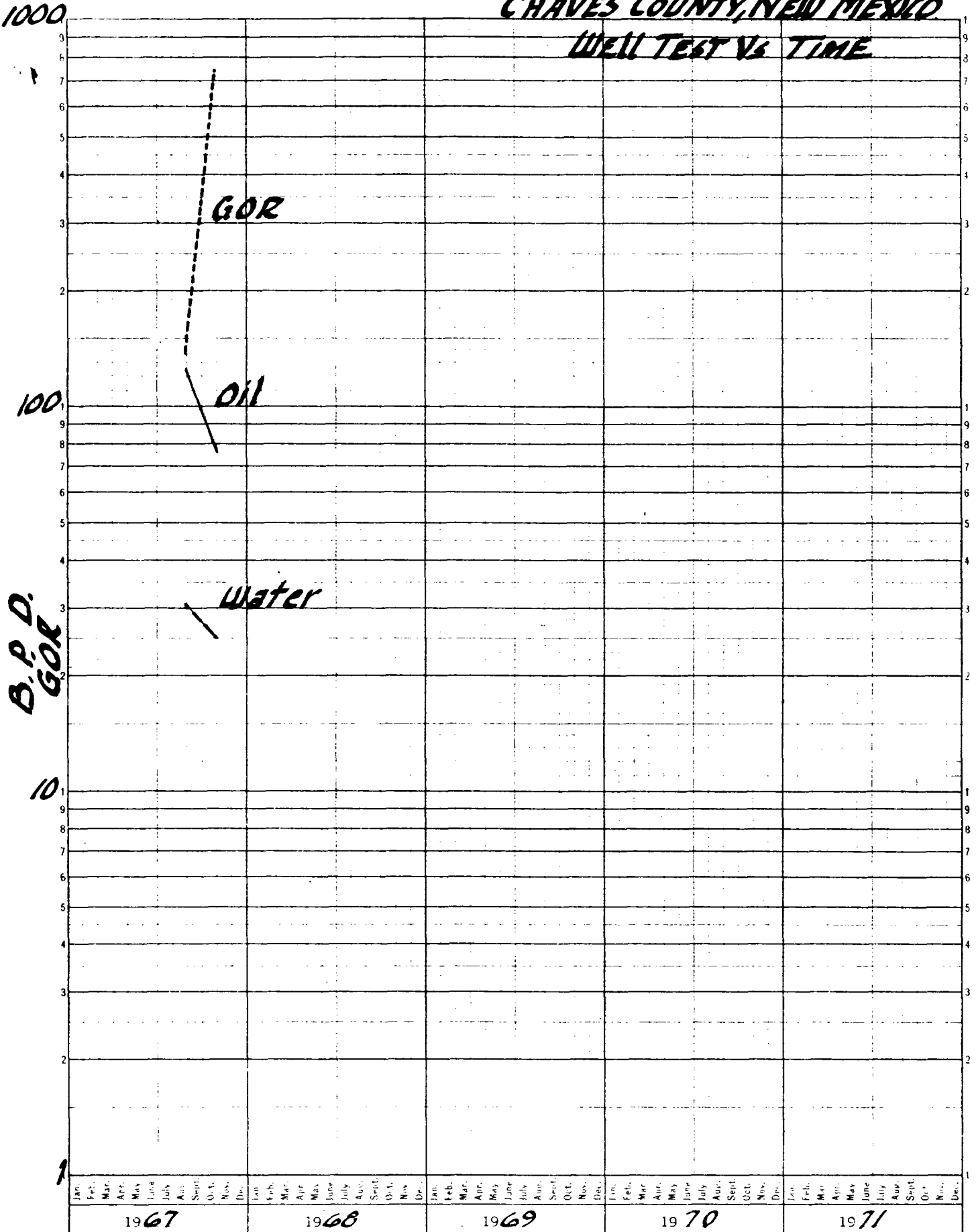
**MILLER FEDERAL WELL #1
TOM TOM FIELD
CHAVES COUNTY, NEW MEXICO**

WELL TEST V_s TIME

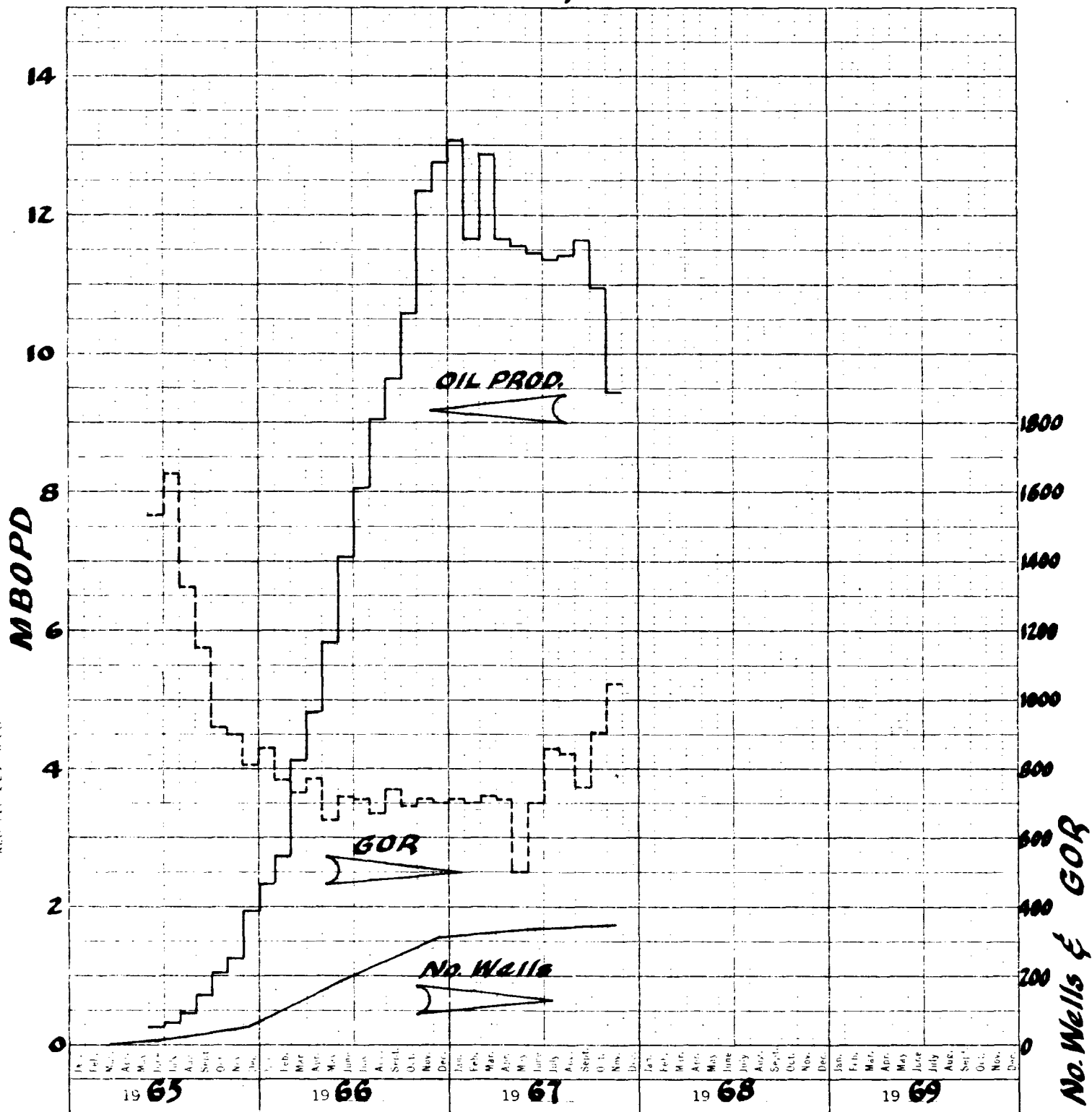


**MILLER FEDERAL WELL #2
TOM TOM FIELD
CHAVES COUNTY, NEW MEXICO**

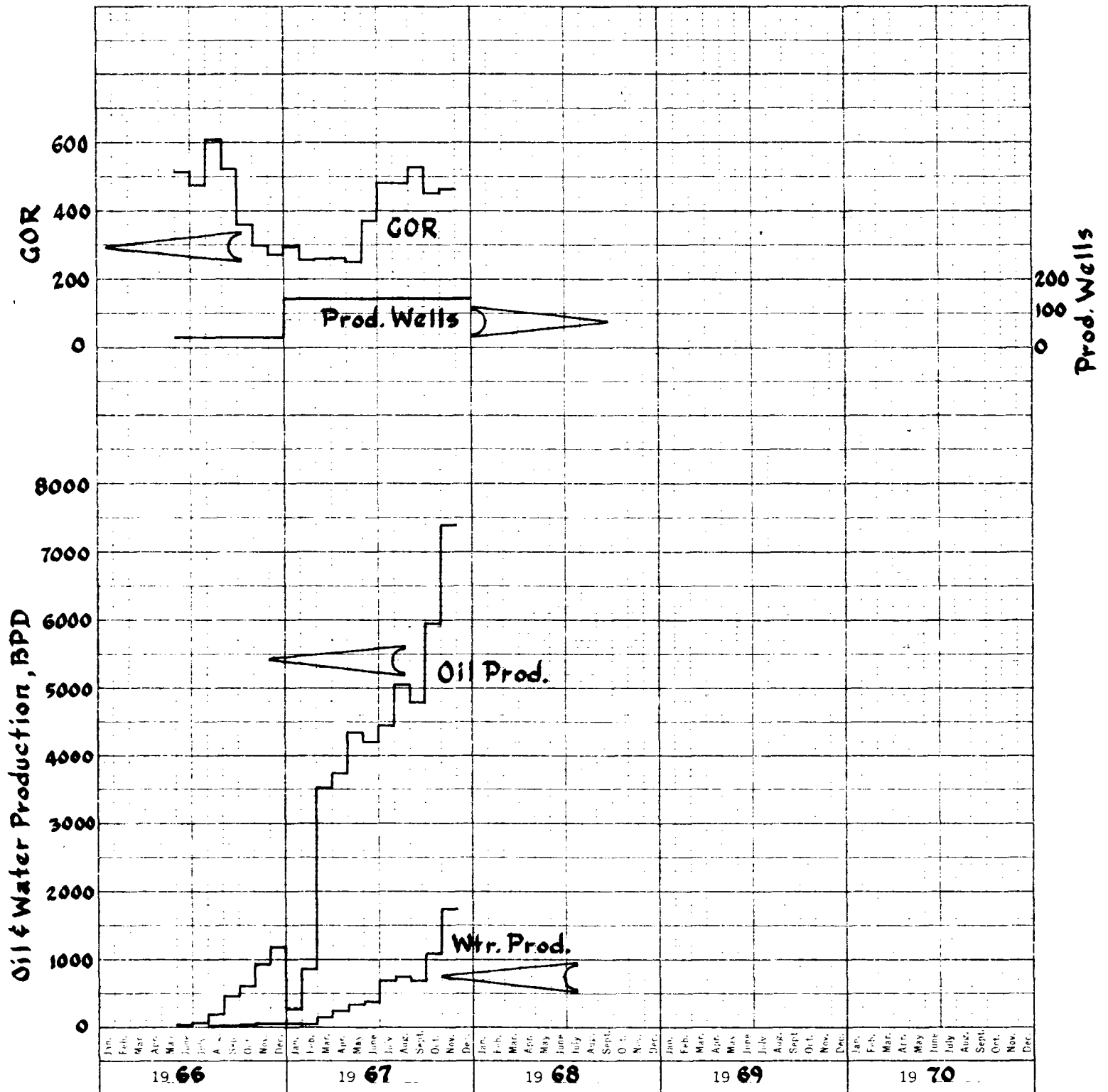
WELL TEST VS TIME



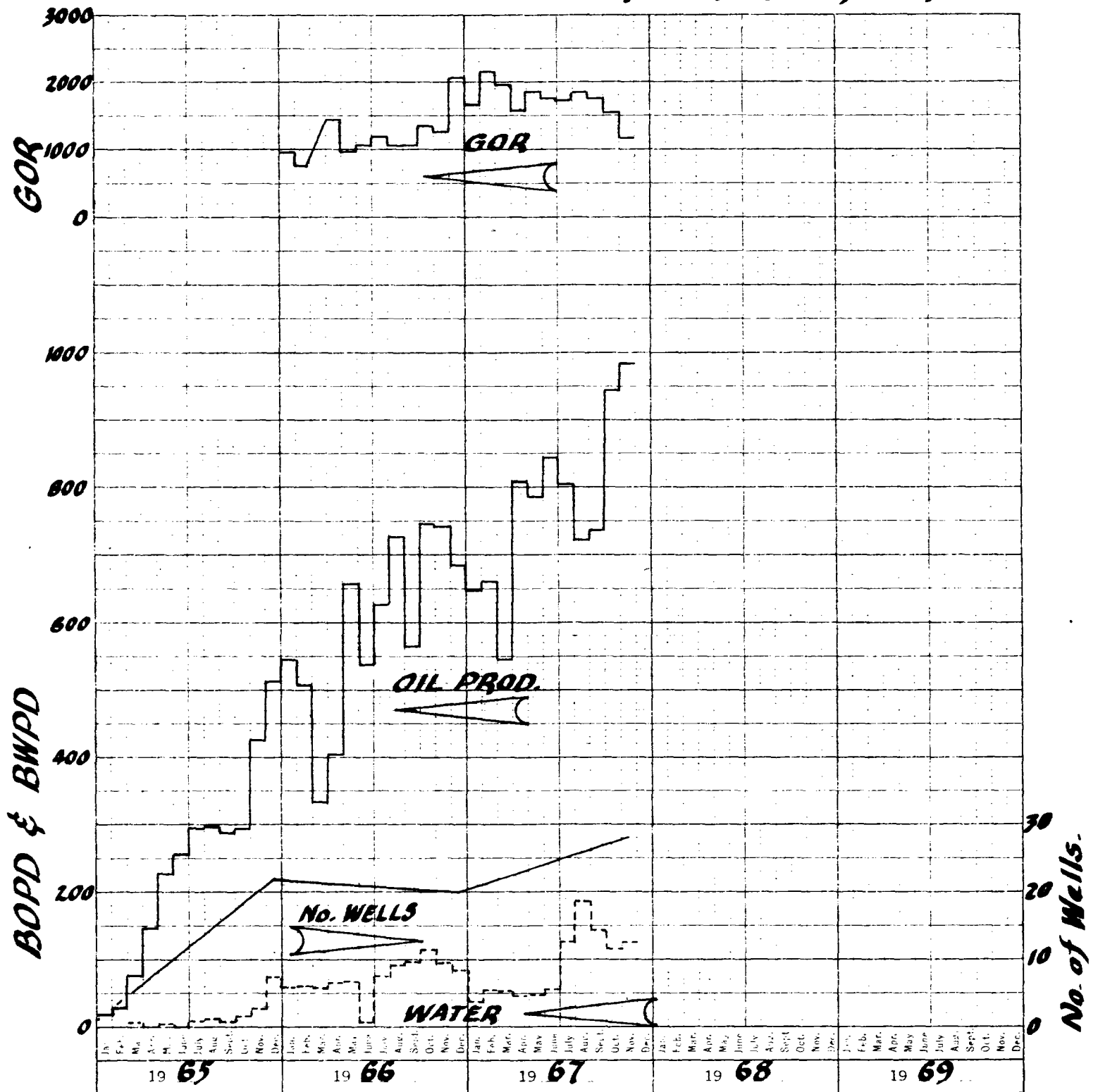
PRODUCTION HISTORY **Chaveroo (San Andres) Pool** **Chaves & Roosevelt Co's., N.M.**



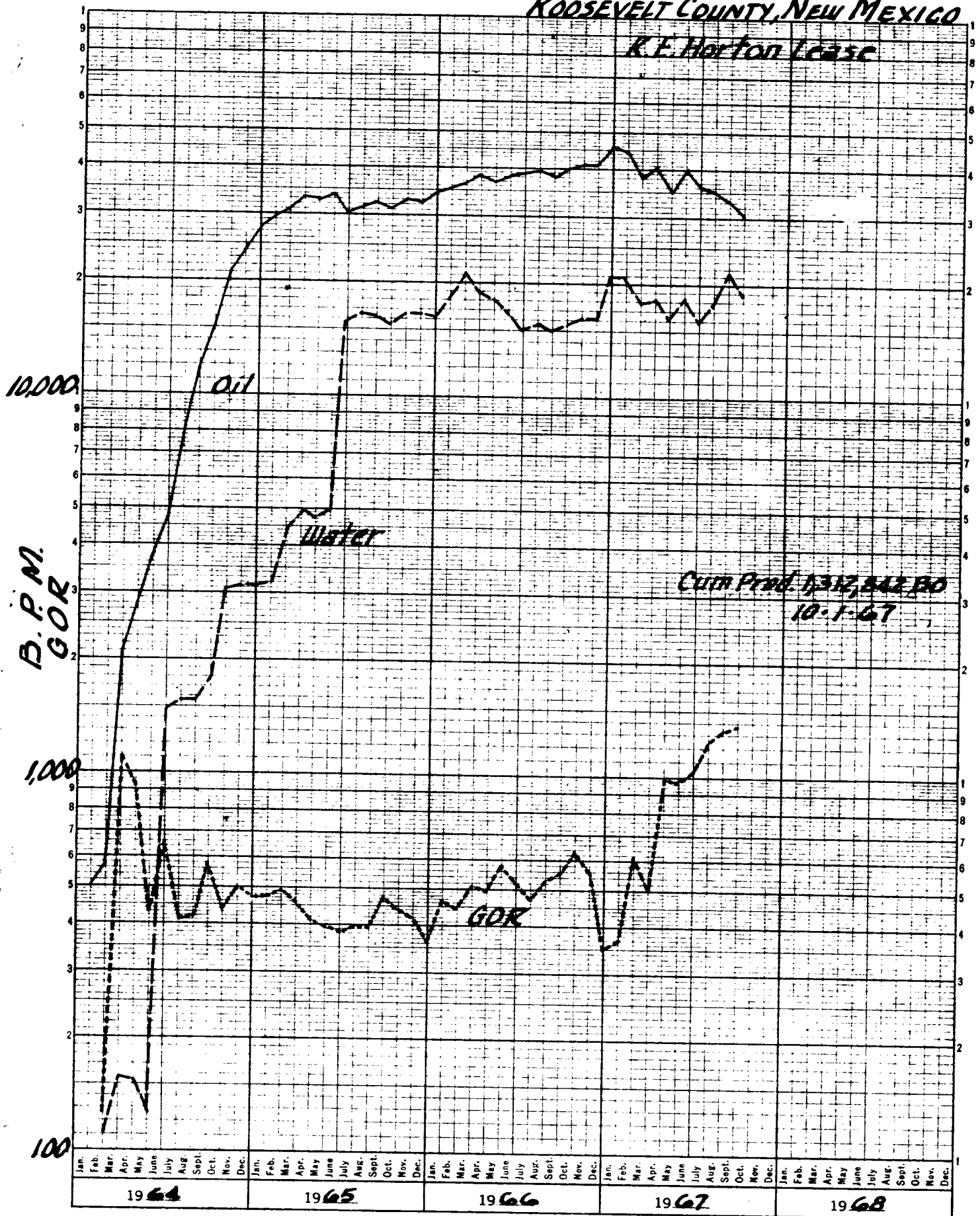
PRODUCTION HISTORY Cato (San Andres) Pool Chaves Co., N.M.



PRODUCTION HISTORY **Todd(San Andres)Pool** **Roosevelt Co., N.M.**



PRODUCING HISTORY
MILNESAND FIELD
ROOSEVELT COUNTY, NEW MEXICO
R.F. Horton Lease



*CHAVEROO (S.A.)
POOL
PRODUCTION CURVES*

*APPRAISAL OF
NEW MEXICO SAN ANDRES
Trend Development Economics
File No. 409 January 1969*

Chaveroo (San Andres) Pool Chaves & Roosevelt Co's, N. M.

Pan American Petr. Corp.
Farrell Federal Lse.
16 Prod. Wells

Cum. To 11-1-67: 435,453 Bo

10,000

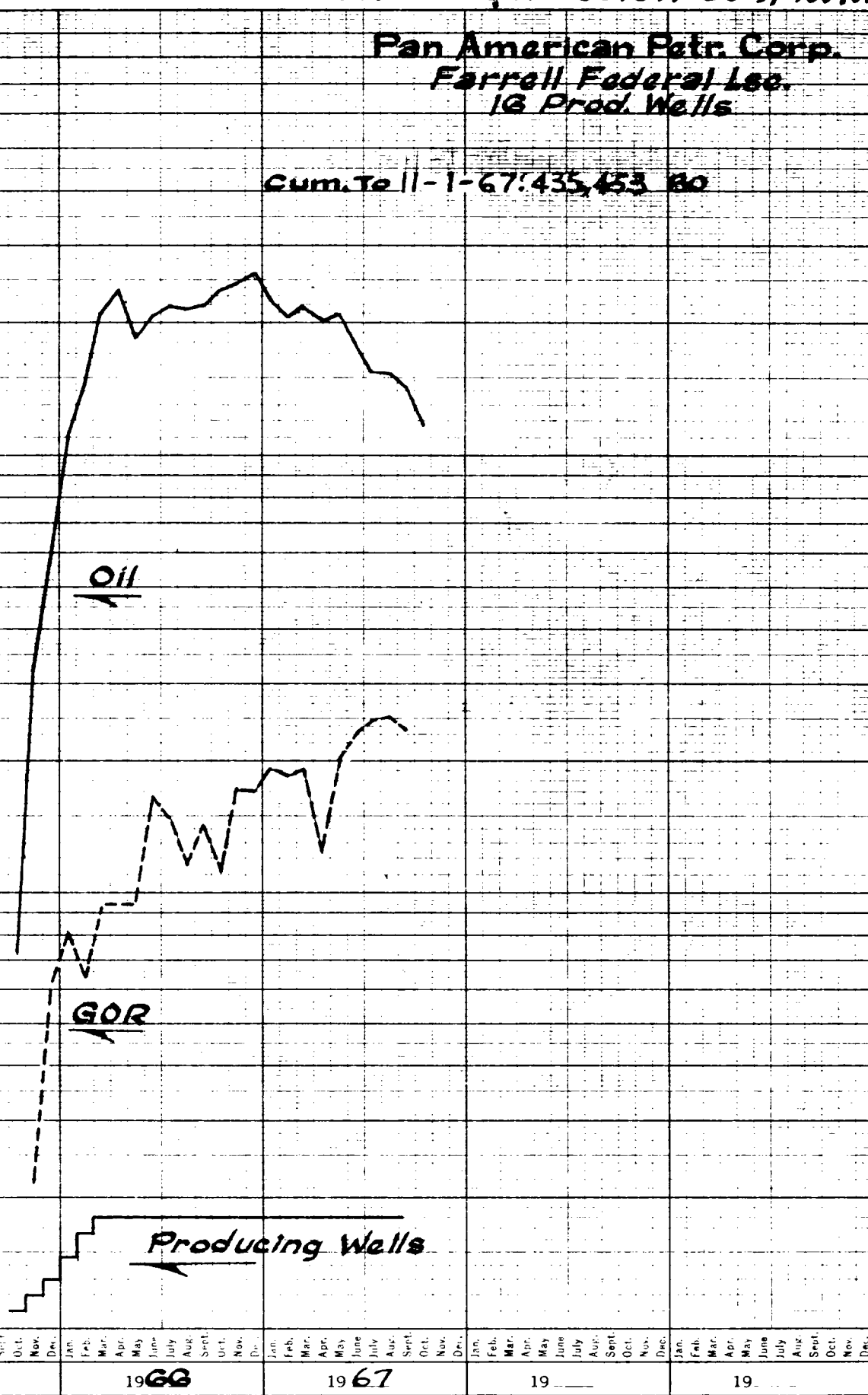
GOR & Oil, BPM

1000

WELLS

0 1 2 3 4 5 6 7 8 9 10

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. 1965 1966 1967 19 19



CHAUEROO (San Andres) Pool
Chaves & Roosevelt Co's, N.M.

PAN AMERICAN
Bradley L & S
4 Producing Wells

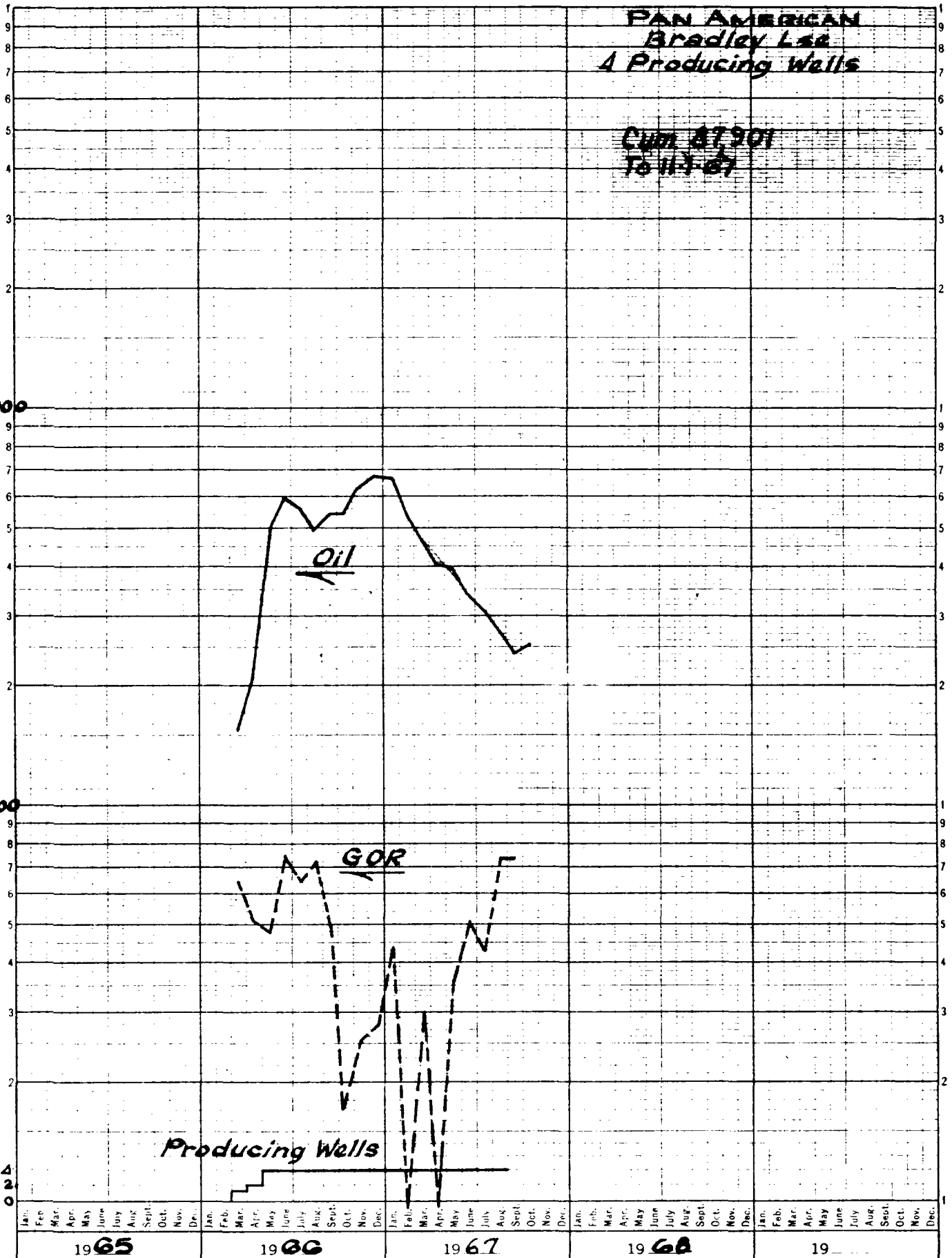
Cum 87901
To 11-1-67

10,000

GOR & BOPM

1000

Wells



Chaveroo (San Andres) Pool Chaves & Roosevelt Co's, N.M.

PAN AM. PETR. CORP.
Coleman Lease
2 Producing Wells

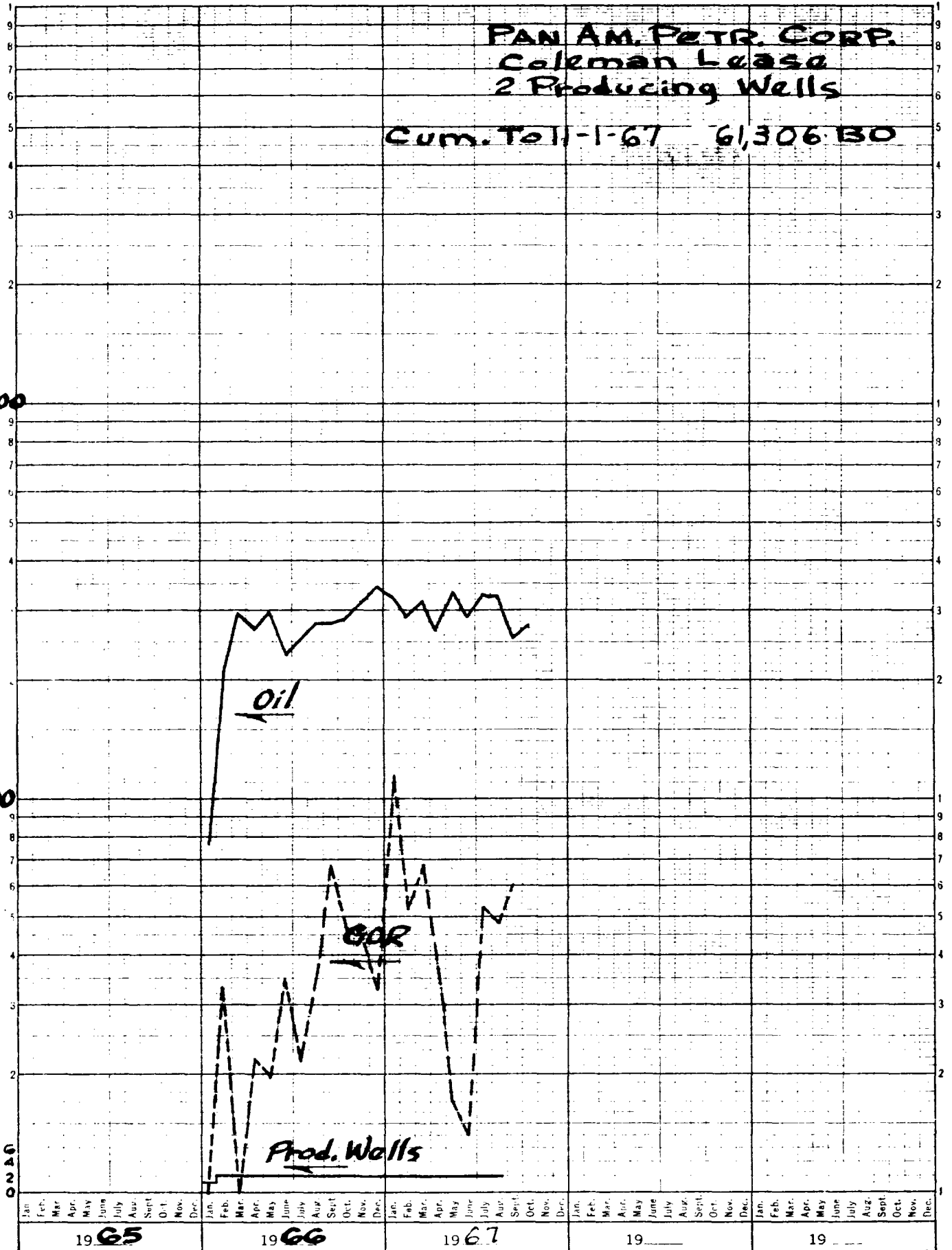
Cum. Tol - 1-67 6,306.30

10,000

GOR & BOPM

1000

Wells



Chaveroo (San Andres) Pool Chaves & Roosevelt Co's, N.M.

PAN AM. PETR. CORP.
Coleman "B" L5c
2 Producing Wells

Cum. To 11-1-67: 56,182 BO

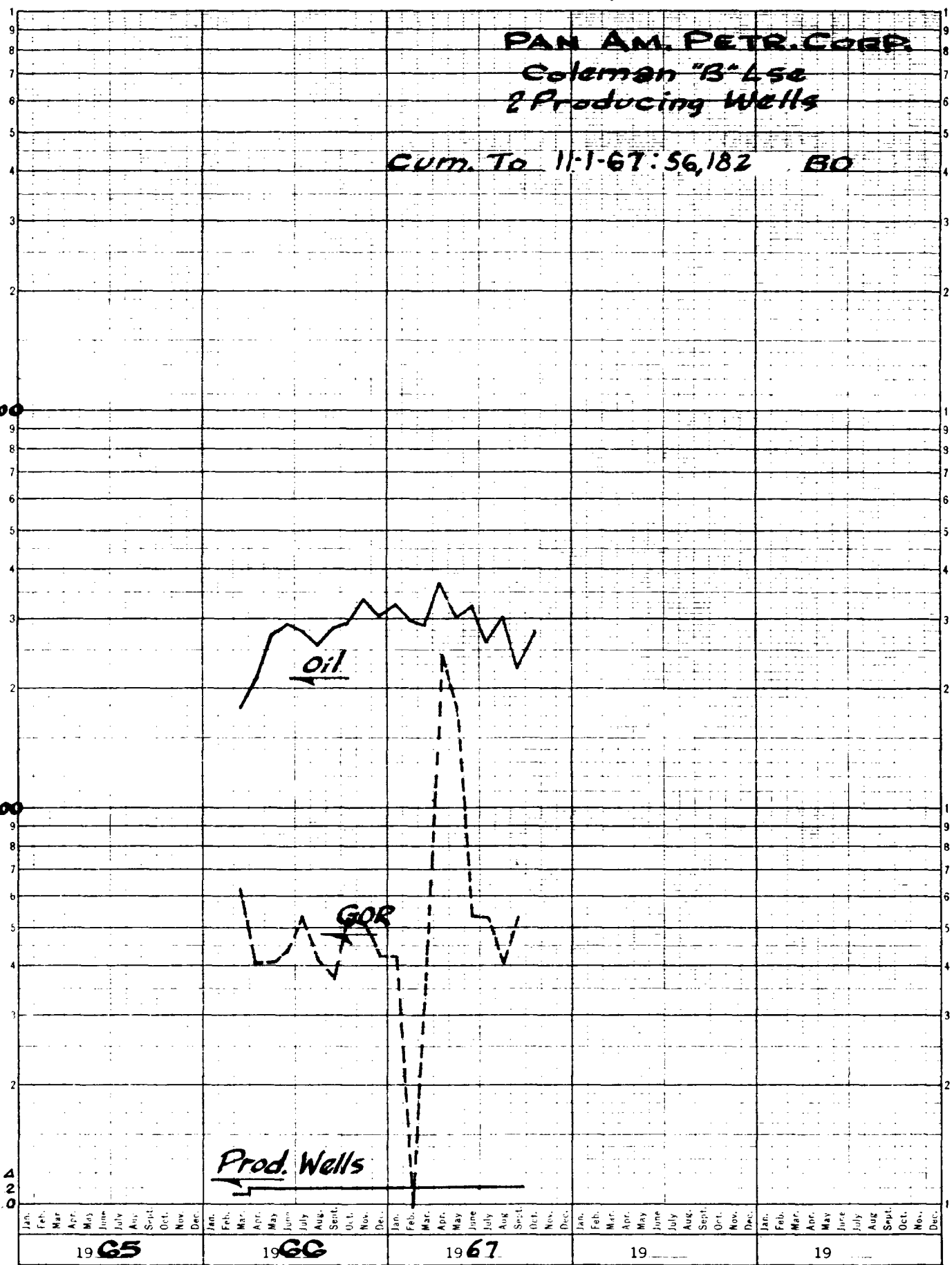
10,000

GOR & BOPM

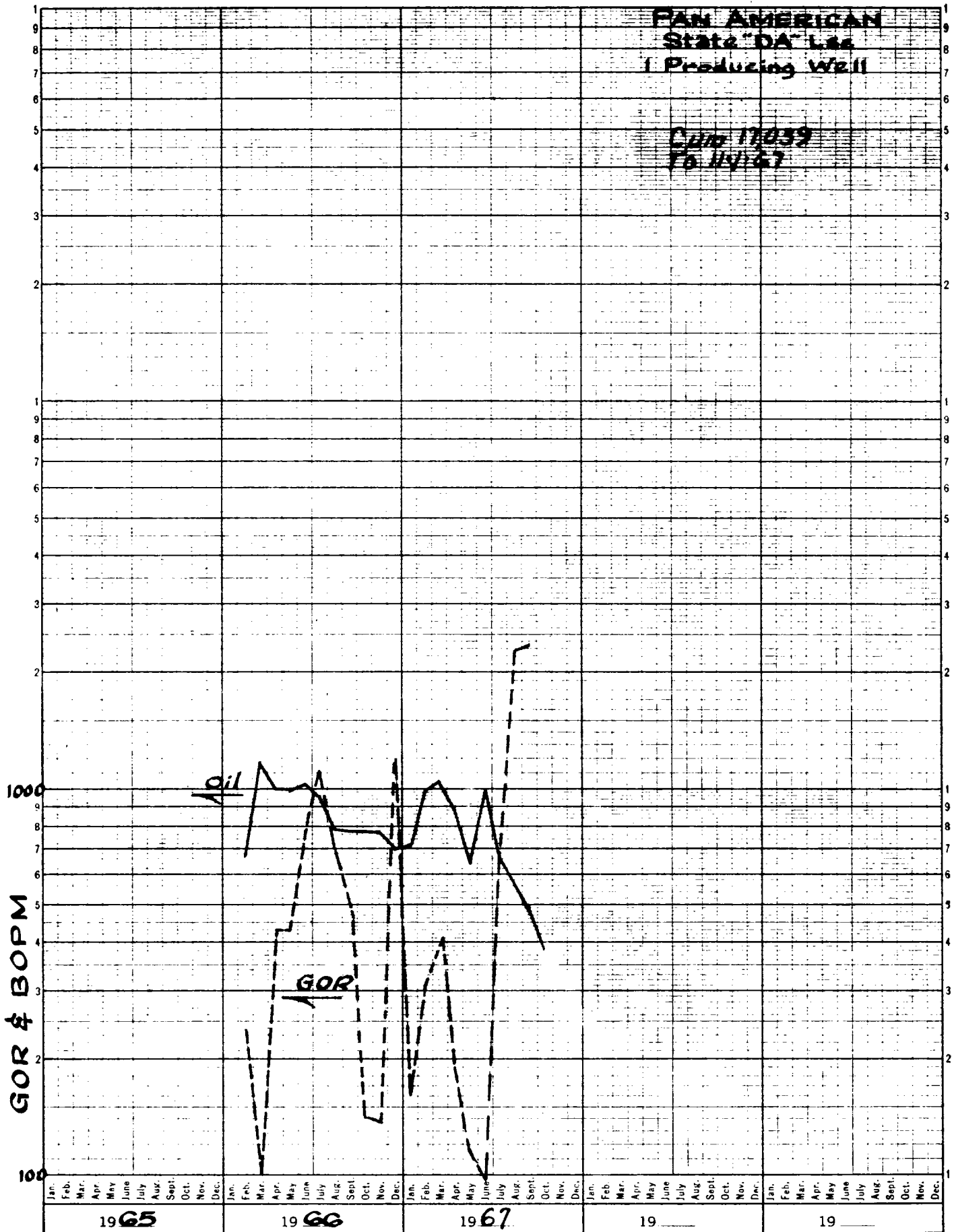
1000

Wells

Prod. Wells



CHAUEROO(San Andres) POOL
Chaves & Roosevelt Co's, N.M.



CHAUEROO (San Andres) POOL
Chaves & Roosevelt Counties, N.M.

PAN AMERICAN
State "DB" Lic.
9 Producing Wells

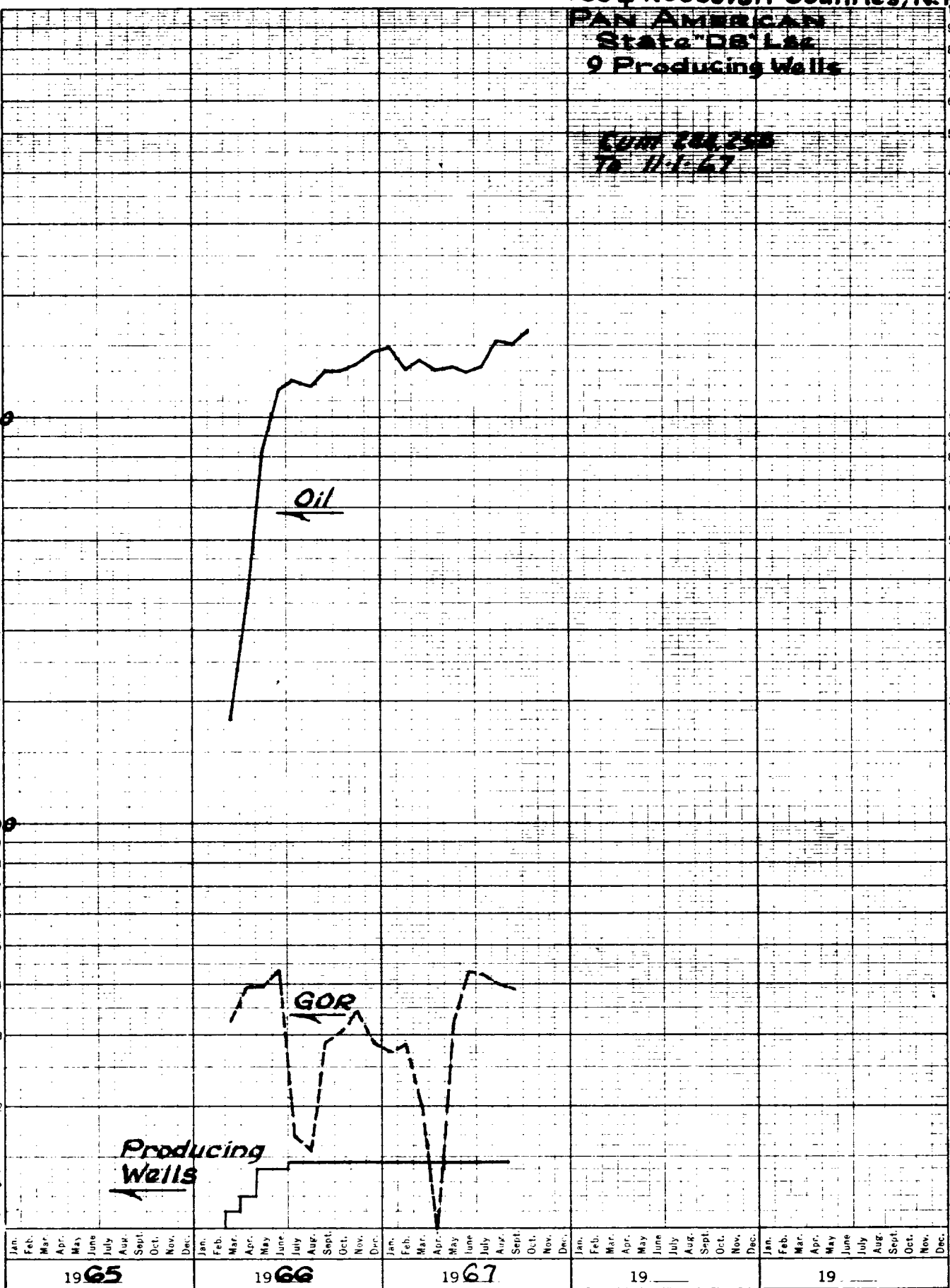
Cum 284,250
To 11-1-67

10000

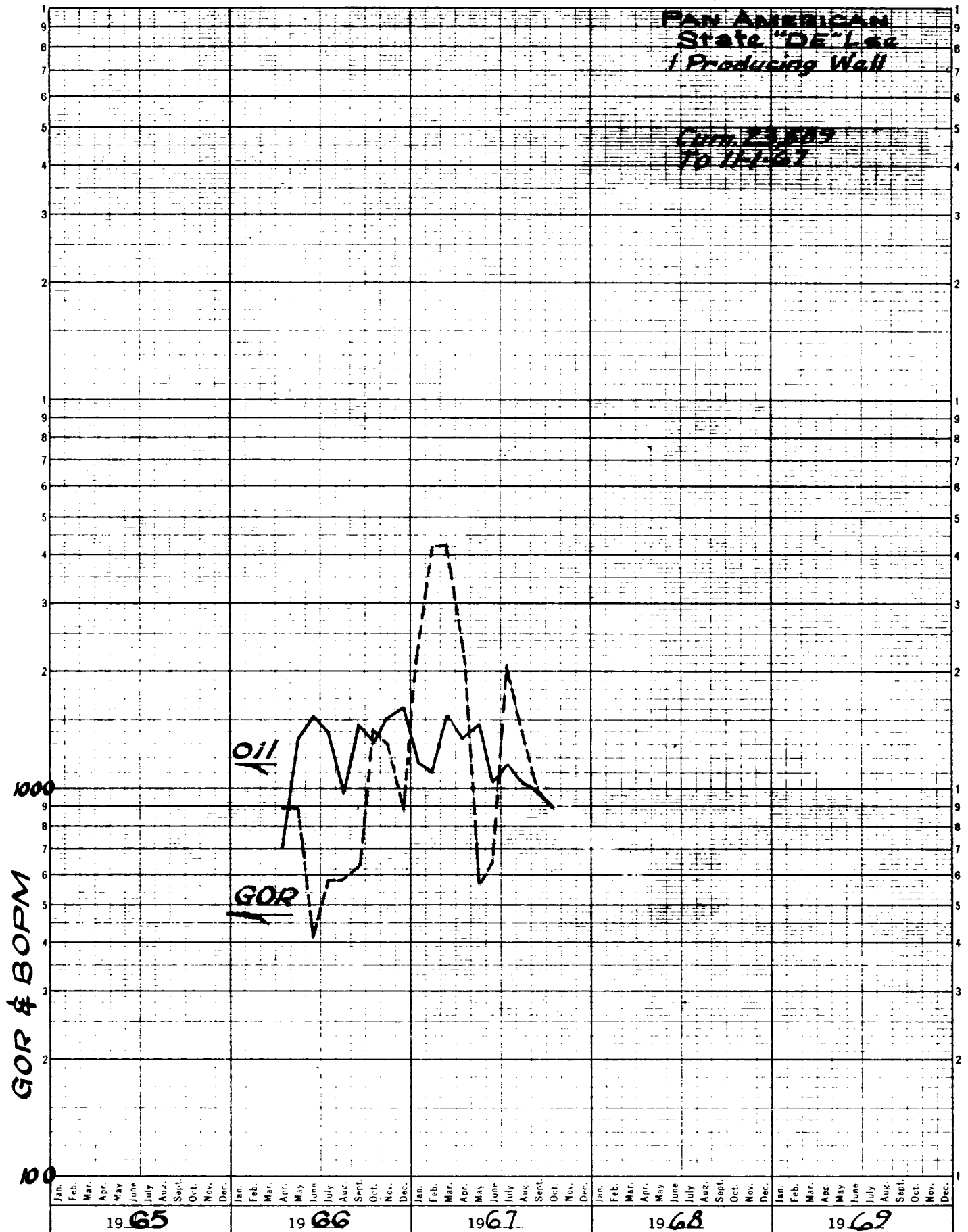
GOR & BOPM

1000

Wells



CHAUEROO (San Andres) POOL
Chaves & Roosevelt Co's, N.M.



CHAUEROO (San Andres) POOL Chaves & Roosevelt Counties, N.M.

PAN AMERICAN
State "DF" Lease
1 Producing Wells

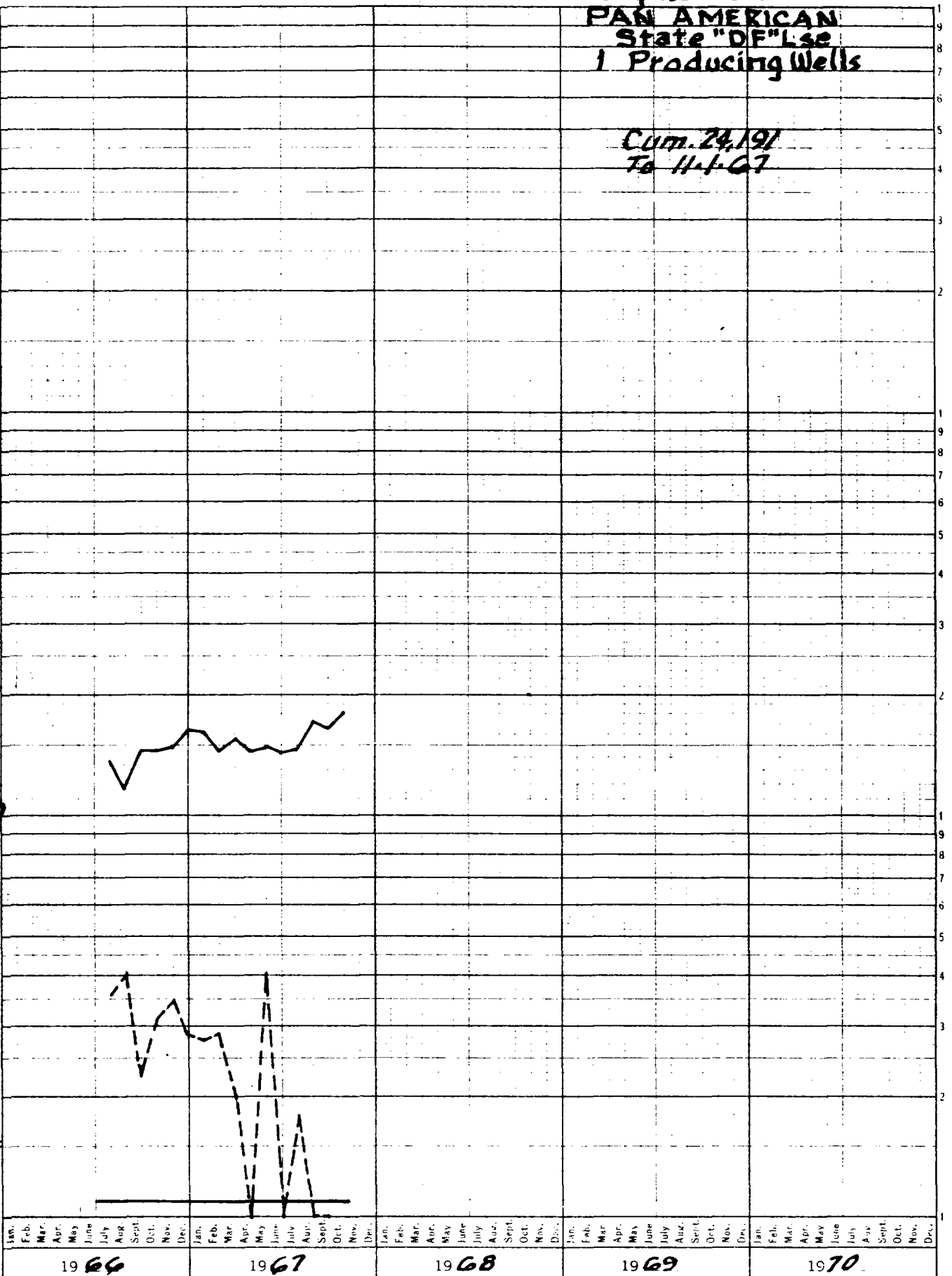
Cum. 24,191
To 11-1-67

10,000

K&E 5 YEARS BY MONTHS 46 6693
X 3 LOG CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.

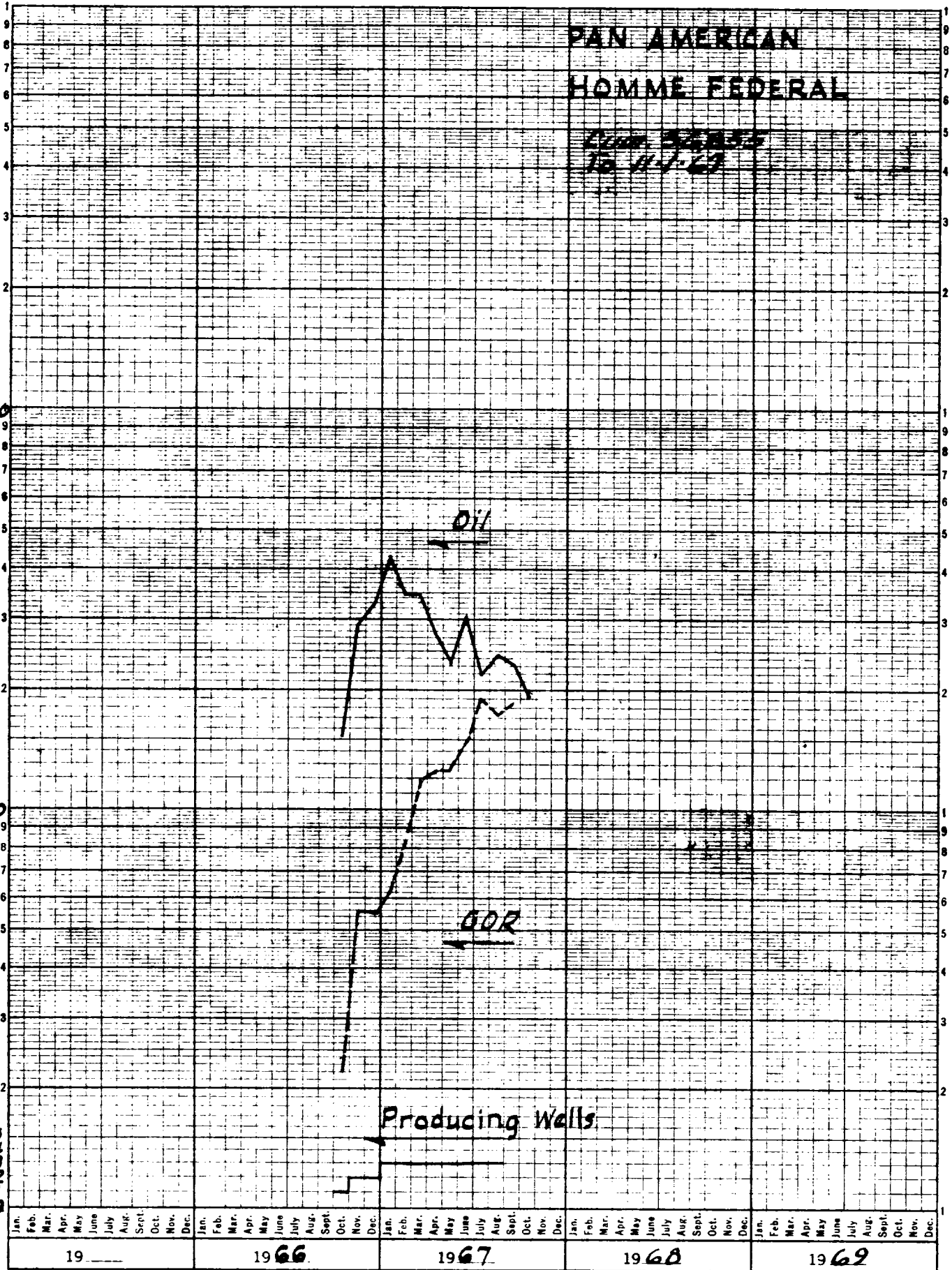
1,000

No. Wells



Encl 7-h

Chaveroo (San Andres) Pool
Chaves & Roosevelt Co's, N.M.



Chaveroo (San Andres) Pool
Chaves & Roosevelt Co's, N.M.

K&E 5 YEARS BY MONTHS 46 6693
MADE IN U.S.A.
KEUFFEL & ESSER CO.

GOR & BOPM

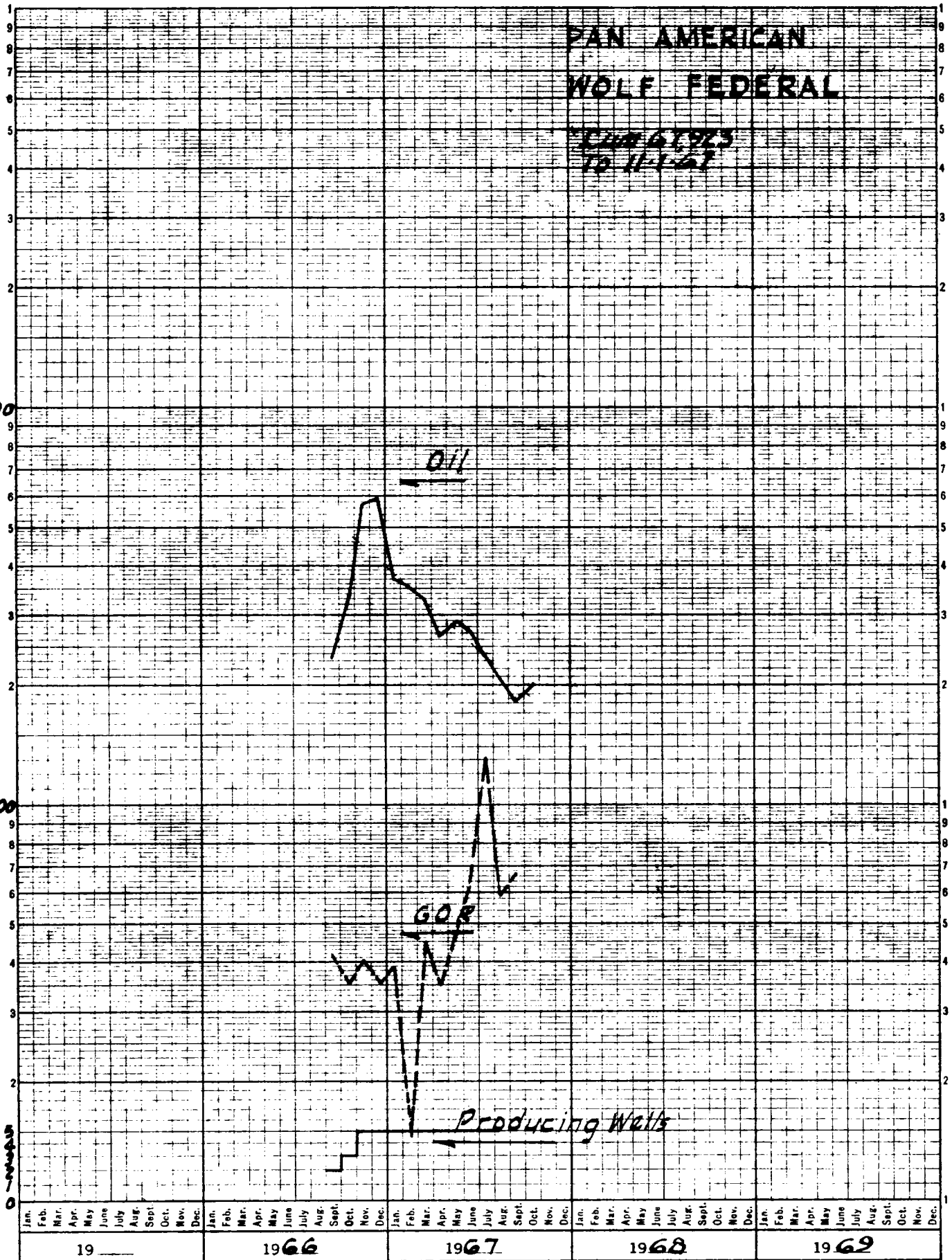
Wells

PAN AMERICAN
WOLF FEDERAL

CH 61923
TO 11-1-67

10,000

1,000



Encl. 7-j

Chaveroo (San Andres) Pool
Chaves & Roosevelt Co's, N.W.

KERN CO. LAND CO.
FEDERAL "21" LSE.

QAL 71578
18 11-27

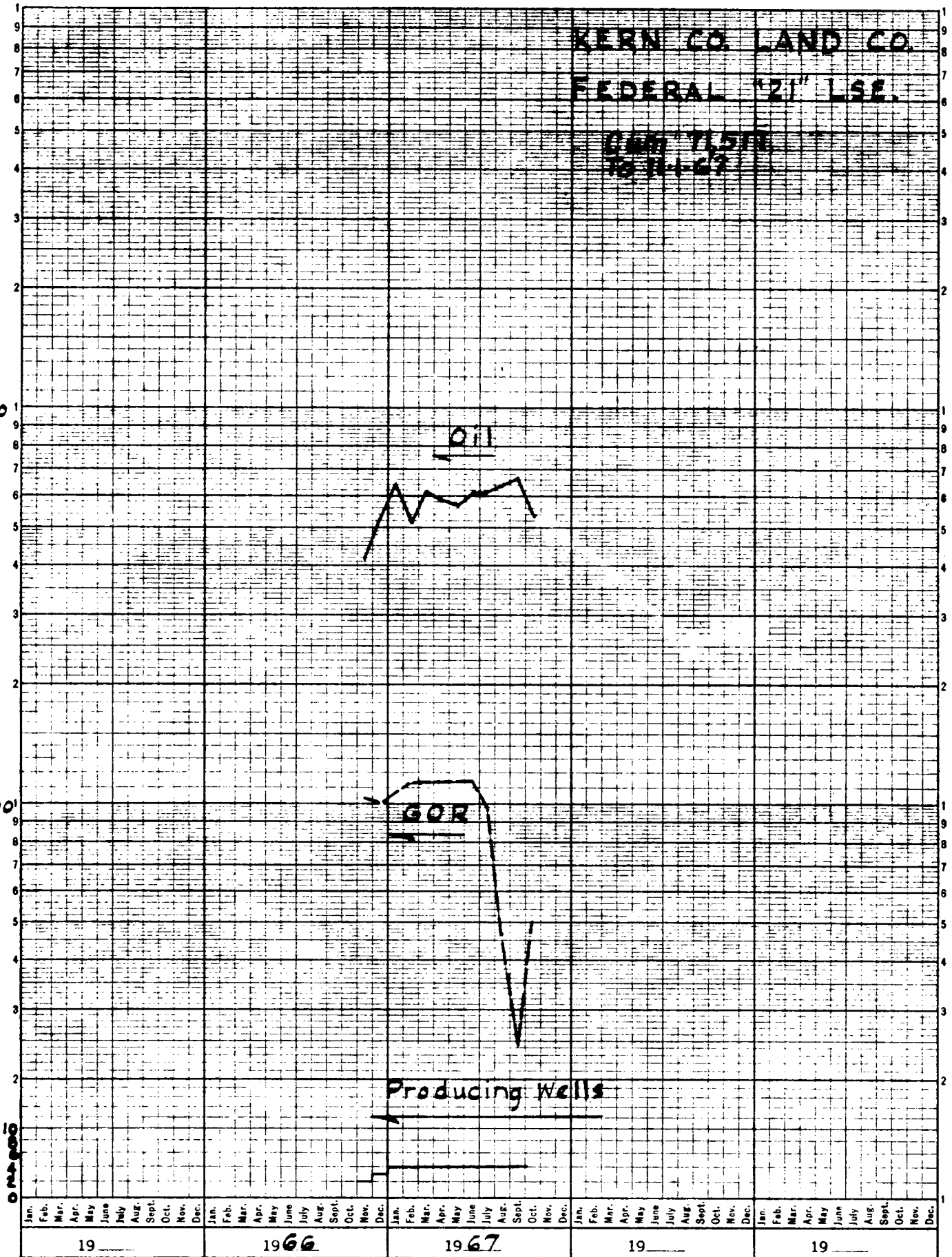
10,000

GOR & BOPM

K&E 5 YEARS BY MONTHS 46 6693
MADE IN U.S.A.
KEUFFEL & ESSER CO.

1,000

Wells



Encl 7-k

Chaveroo (San Andres) Pool
Chaves & Roosevelt Co's, N.M.

KERN CO. LAND CO.
FEDERAL "23" LSE.

Cum. 2,156,17
To 11-1-67

10,000

GOR & BOPM

1,000

GOR

Producing Wells

K&E 5 YEARS BY MONTHS
X 3 LOG CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.

Wells

0 1 2 3 4 5 6 7 8 9

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
19__	1966	1967	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__	19__

Chaveroo (San Andres) Pool
Chaves & Roosevelt Co's, N.M.

KERN CO. LAND CO
FEDERAL "22" LSC.

Cum 72929
To 11-1-67

10,000

GOR & BOPM

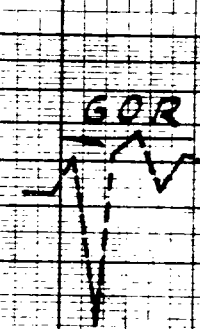
1,000

Wells

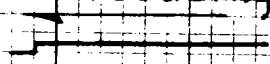
01-1-67



GOR



Producing Wells



Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.												
19 ____												1966												1967												19 ____												19 ____											

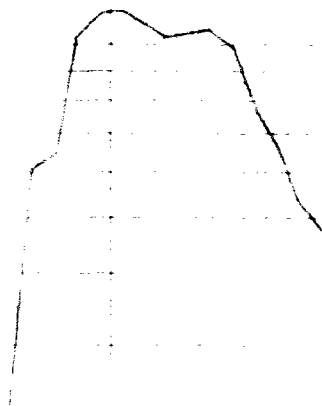
Chaves & Roosevelt Co's. N.M.

KERN CO. LAND CO.

FEDERAL "24" Lse.

Cum. 124340
To 11.1.67

oil



GOR



Producing Wells

Encl. 2-m

Chaveroo (San Andres) Pool
Chaves & Roosevelt Co's, N.M.

Kern County Land Co
Federal "20" Lse.
6 Producing Wells

Cum. To 11-1-67: 204,690 BO

10,000

GOR & BOPM

1000

Oil

GOR

Producing Wells

Wells

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1965												1966												1967												19__												19__											

CHAYEROO (San Andres) POOL Chaves & Roosevelt Counties, N.M.

KERN CO. LAND CO.
FEDERAL "27" Lse.
3 Producing Wells

Cum. 57,776
To 11-1-67

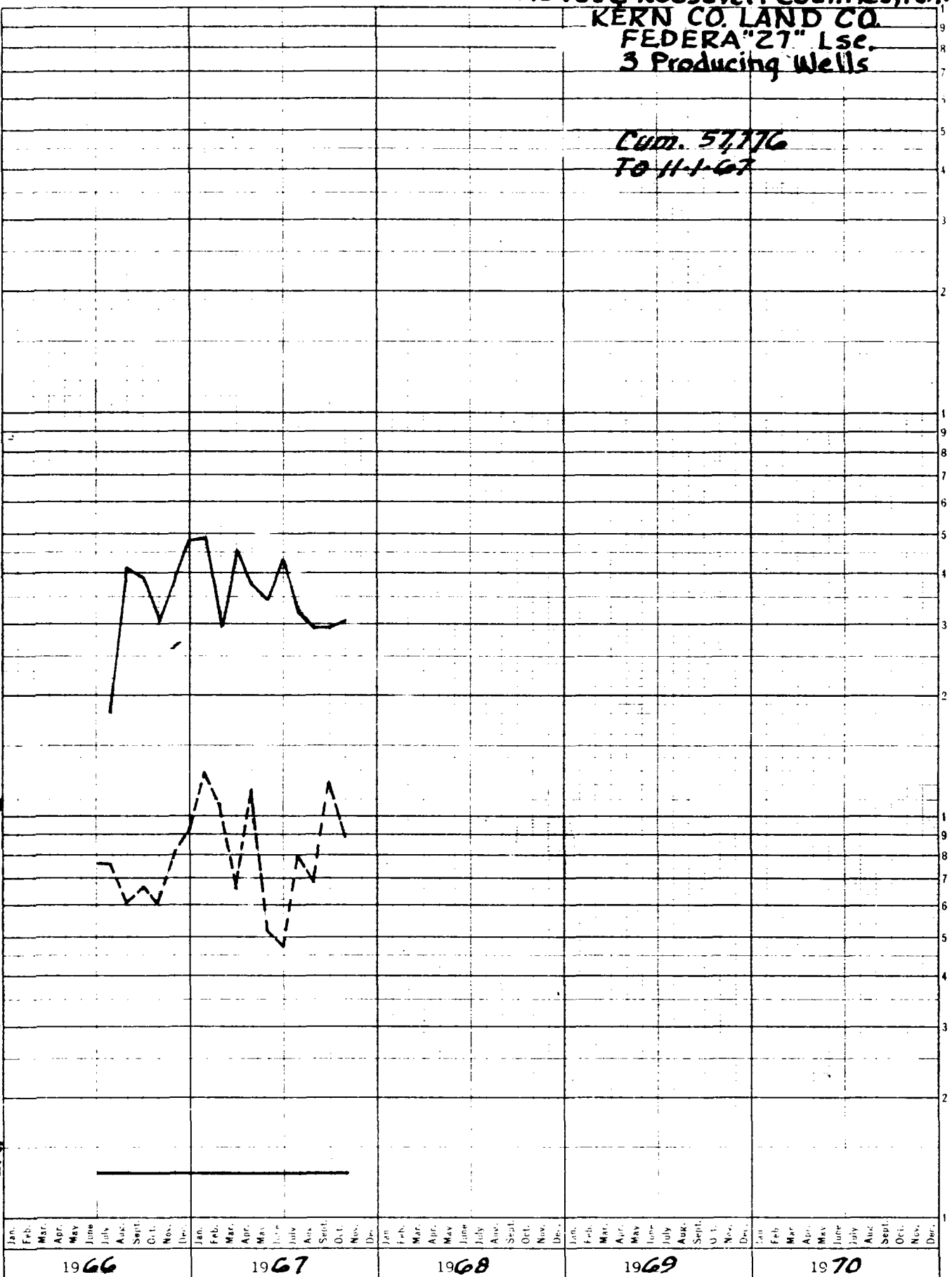
10,000

GOR & BOPM

1,000

No Wells

K&E 5 YEARS BY MONTHS 46 6693
X 3 LOG CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.



Encl 7-p

*TODD (S.A.)
POOL
PRODUCTION CURVES*

*APPENDICE OF
NEW MEXICO SAN ANDRES
Trend Development Economics
File No. 409 January 1969*

TODD FIELD
Roosevelt Co, New Mexico
FRANKLIN, ASTON & FAIR
Mark Federal Well #7
Well Production Vs Time

10,000

1,000

BOPM

100

10

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.												
1966												1967												1968												1969												1970											

Conn. To 10" G.T.
 16,450

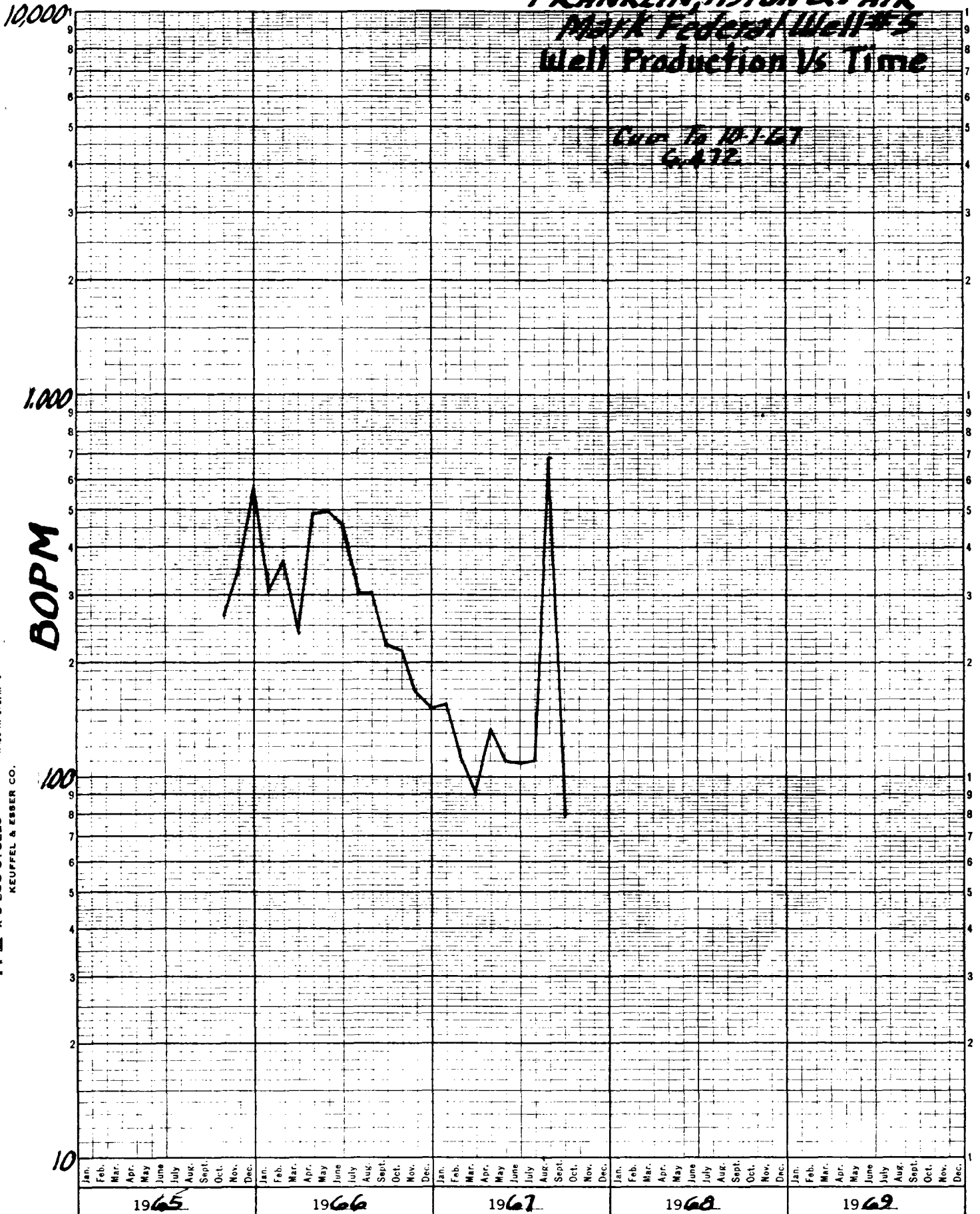
K+E 5 YEARS BY MONTHS 46 6693
 MADE IN U.S.A.

KEUFFEL & ESSER CO.

TODD FIELD
Roosevelt Co, New Mexico
FRANKLIN, ASTON & FAIR
Mark Federal Well #5
Well Production Vs Time

Cum To 10-1-67
6,472

K&E 5 YEARS BY MONTHS 46 6693
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.



Encl 14-b

TODD FIELD
Roosevelt Co, New Mexico
FRANKLIN, ASTON & FAIR
Well Production Vs Time

Core 75-10-1-27
200 ft

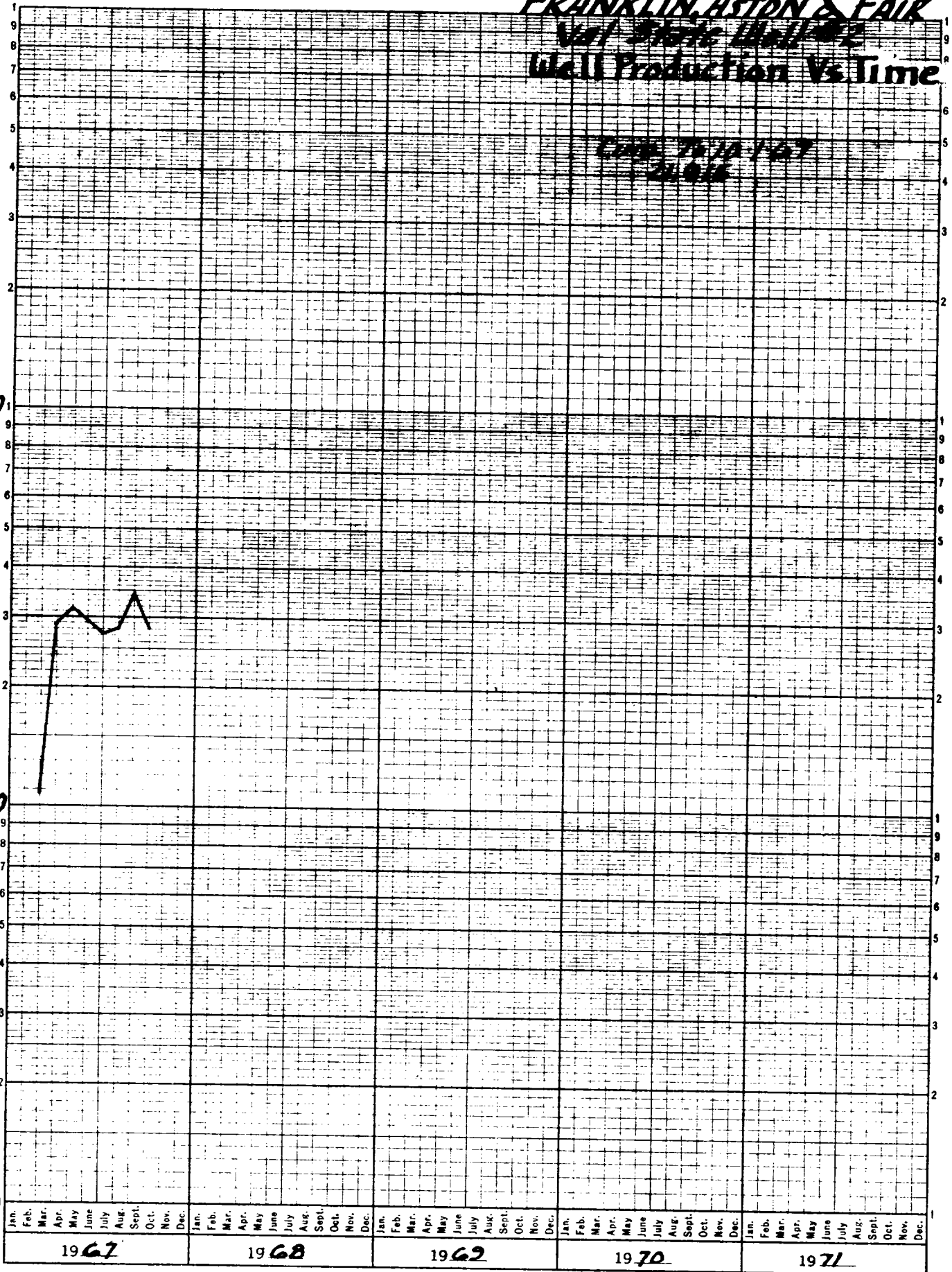
10,000

BOPM

1000

100

K&E 5 YEARS BY MONTHS 46 6693
KEUFFEL & ESSER CO.



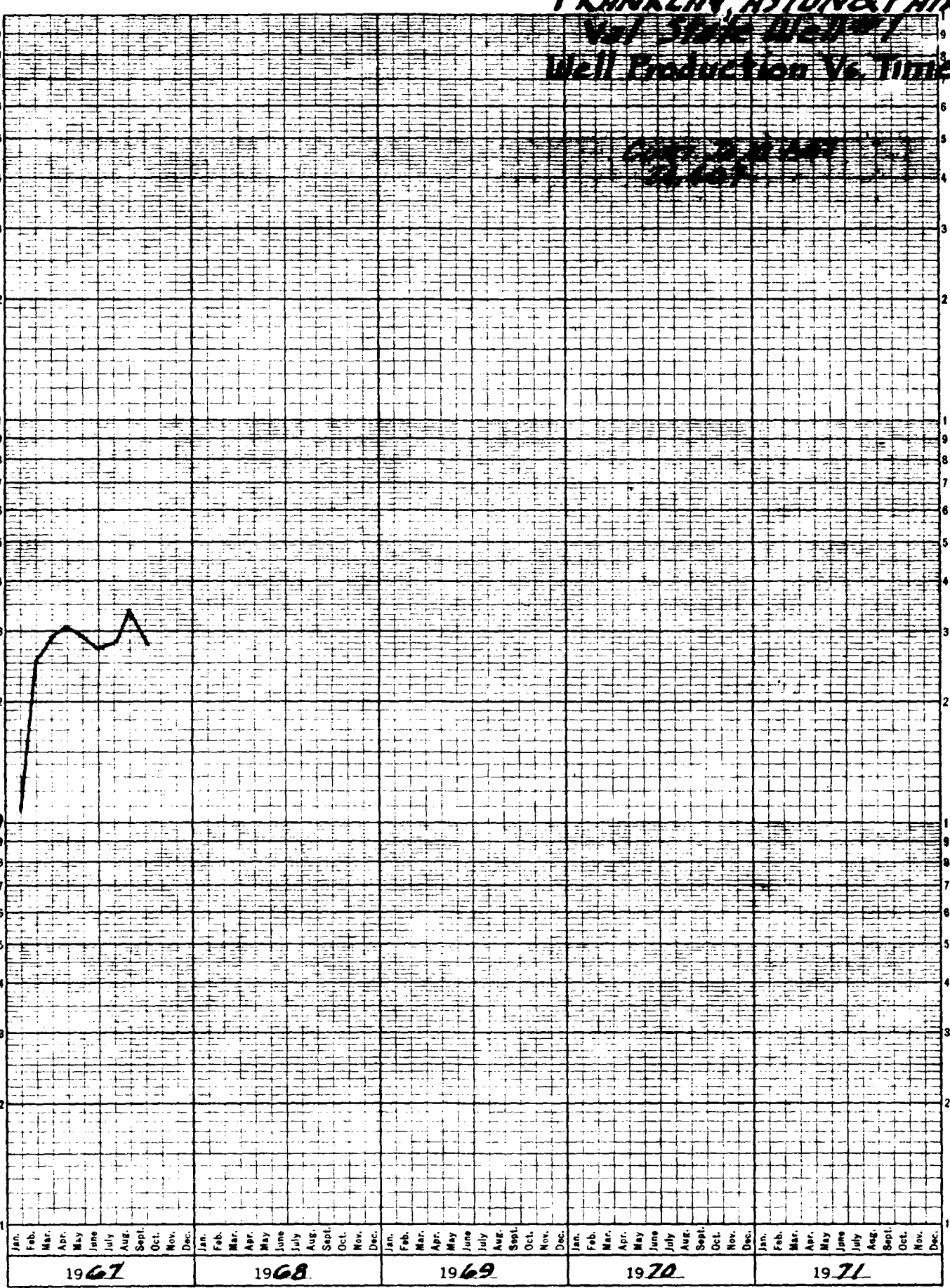
TODD FIELD
Roosevelt Co. New Mexico
FRANKLIN, ASTON & FAIR
Well Production Vs. Time

10,000

BOPM

1000

100



K-E 5 YEARS BY MONTHS 46 6693
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.

Encl. 14-d

TODD FIELD
Roosevelt Co. New Mexico
SKELLY
Hobbs "K" Well #1
Well Production vs Time

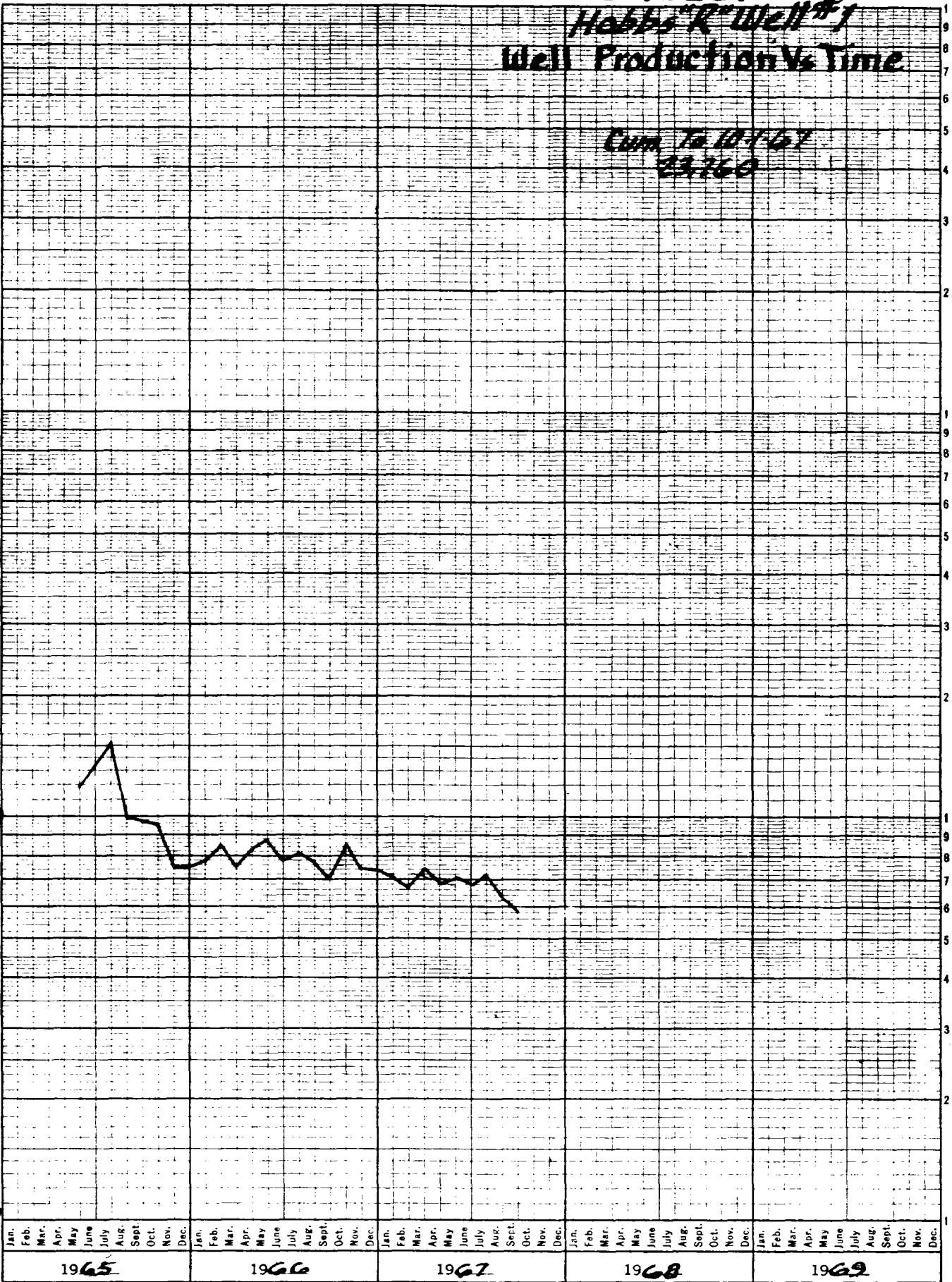
Cum To 10-1-67
23,760

10,000

BOPM

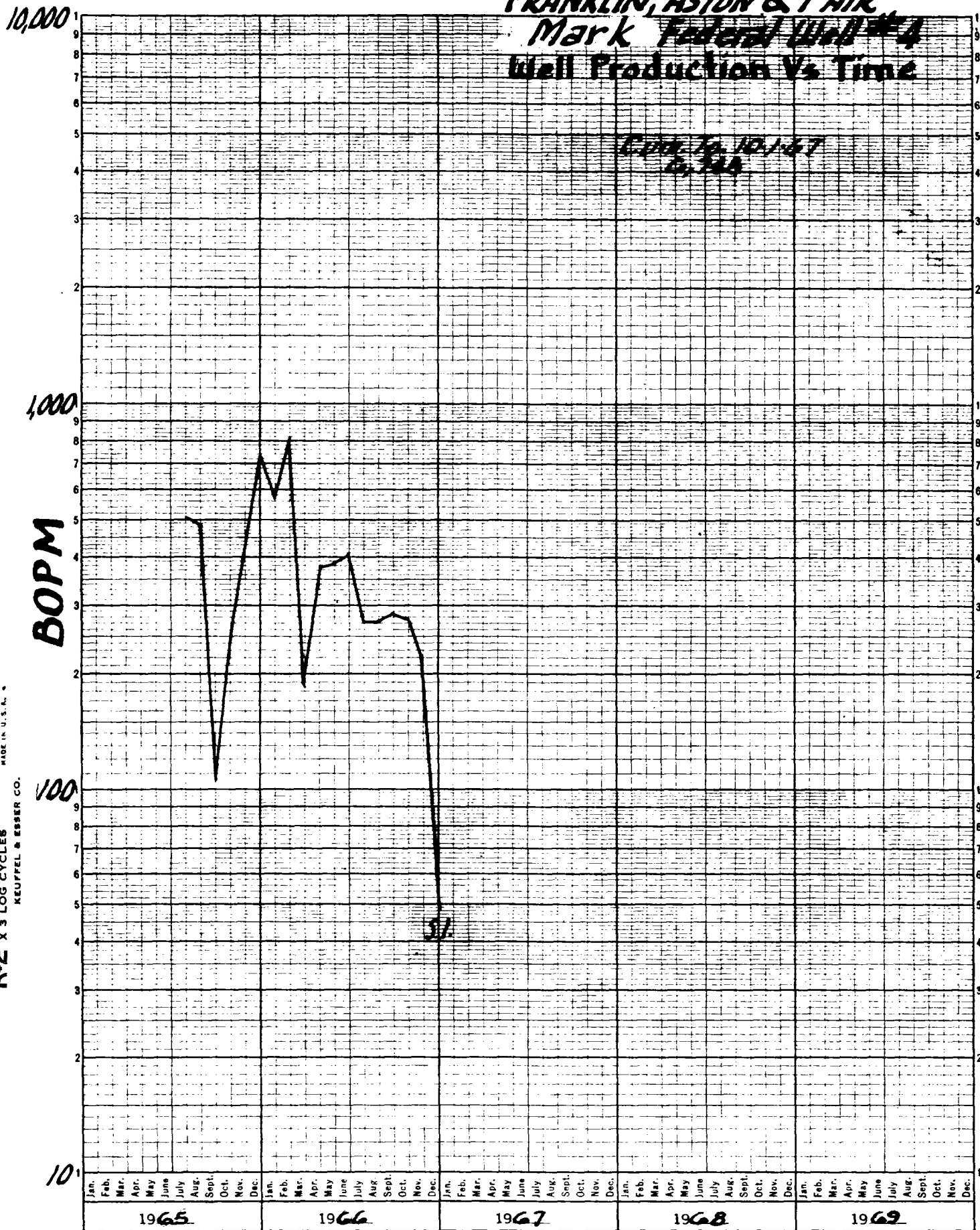
1,000

100



K&E 5 YEARS BY MONTHS
 46 6693
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.

TODD FIELD
Roosevelt Co, New Mexico
FRANKLIN, ASTON & FAIR
Mark Federal Well #4
Well Production Vs Time



TODD FIELD
Roosevelt Co, New Mexico
FRANKLIN, ASTON & FAIR
Mark Federal Well #6
Well Production vs Time

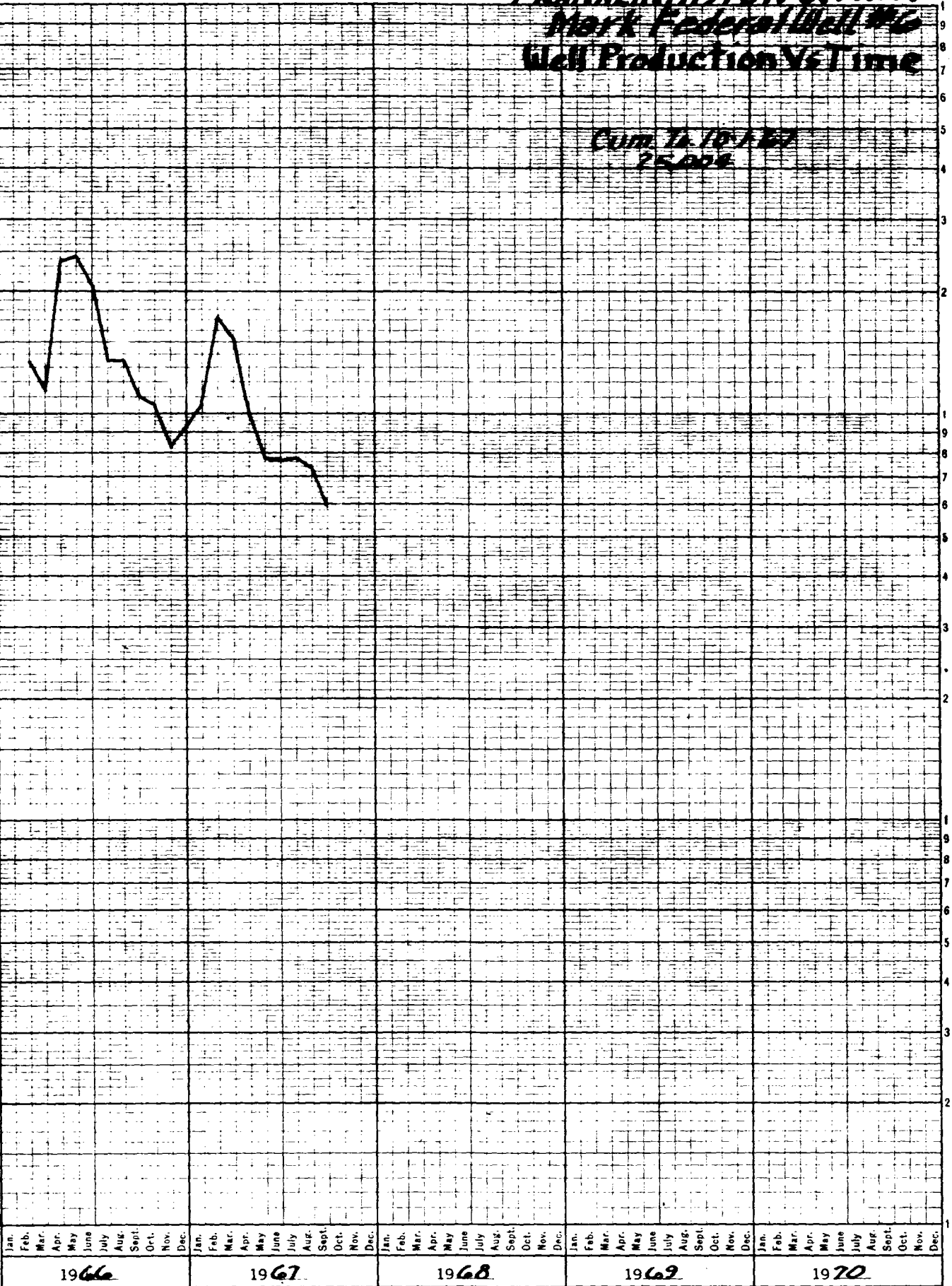
10,000

1,000

100

10

BOPM



Cum To 10/1/70
 25,000

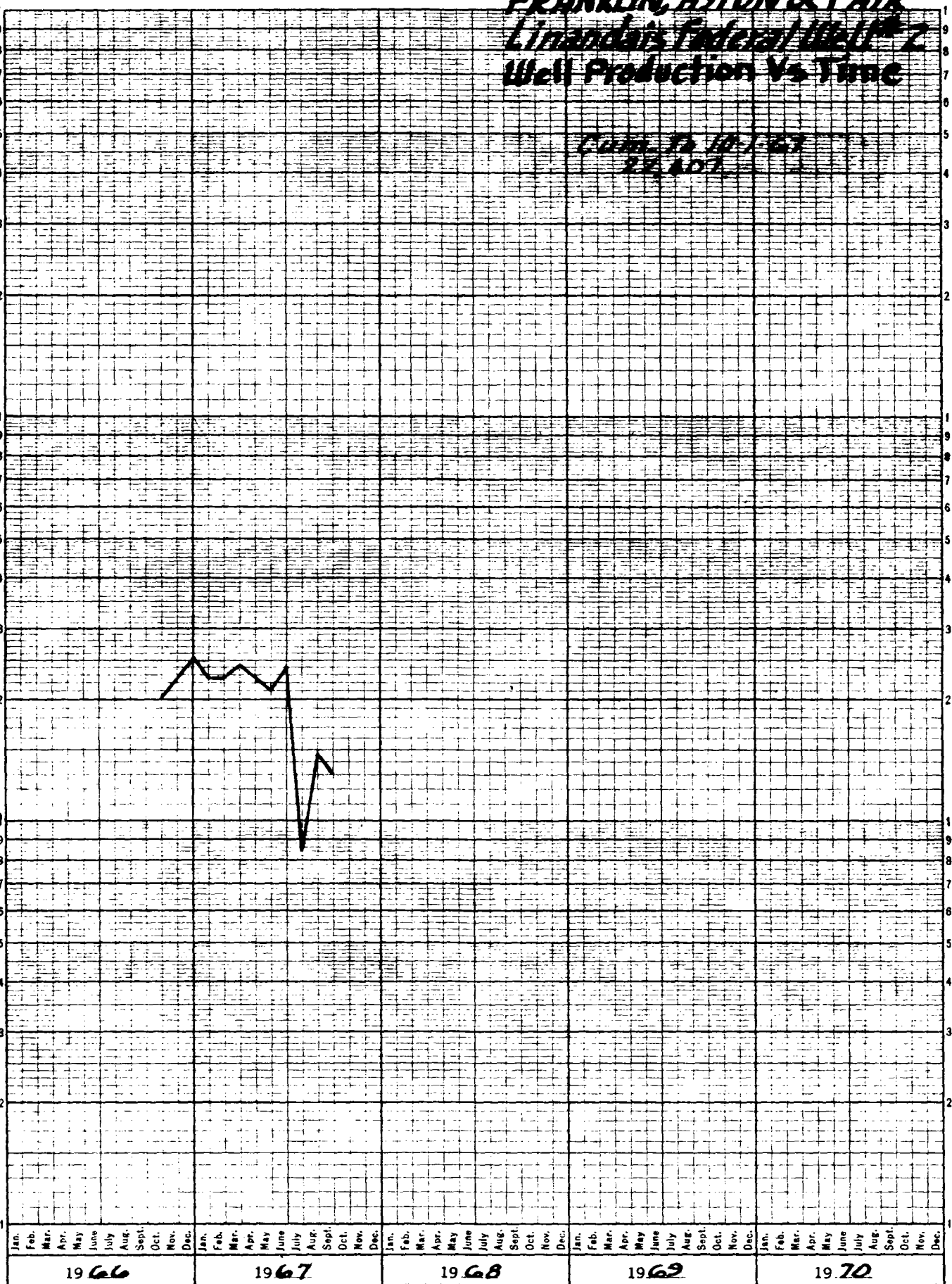
TODD FIELD
Roosevelt Co. New Mexico
FRANKLIN, ASTON & FAIR
Linard's Federal Well #2
Well Production Vs Time

10,000

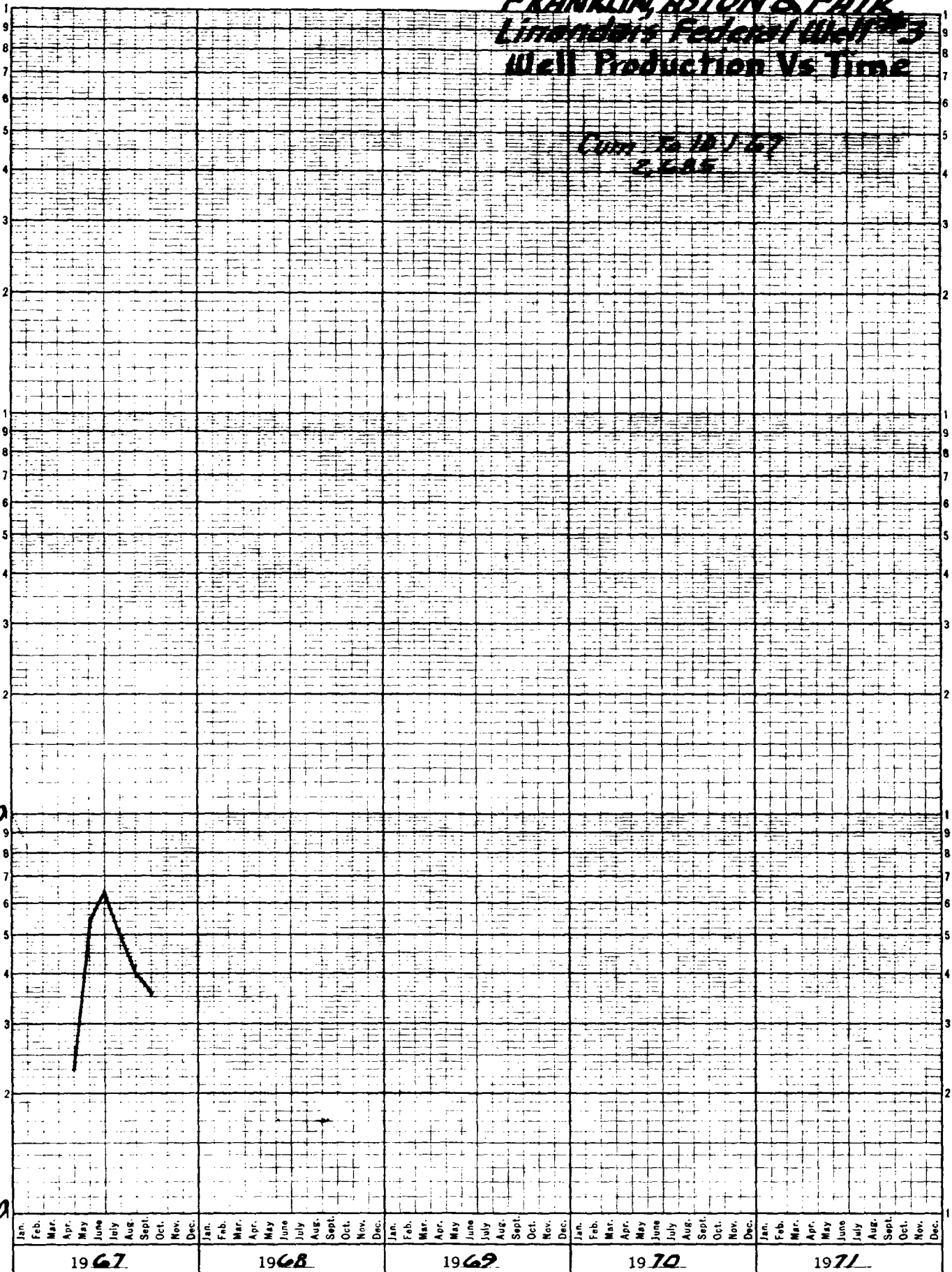
BOPM

1,000

100



TODD FIELD
Roosevelt Co. New Mexico
FRANKLIN, ASTON & FAIR
Lincoln's Federal Well #3
Well Production Vs Time



TODD FIELD
Roosevelt Co. New Mexico
FRANKLIN, ASTON & FAIR
Linderois Federal Well #4
Well Production Vs Time

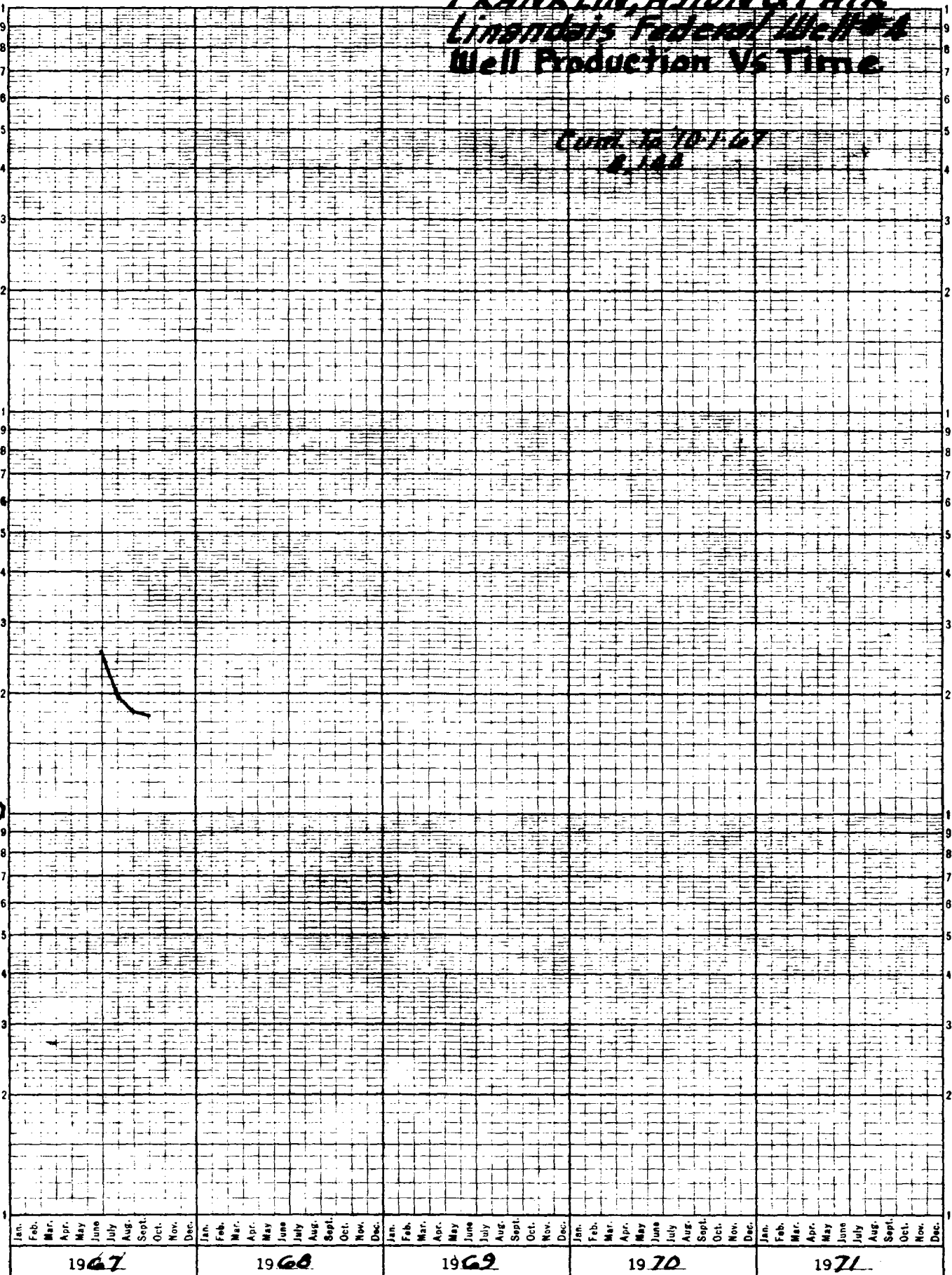
10,000

BOPM

1,000

100

K-E 5 YEARS BY MONTHS 46 6693
 MADE IN U.S.A.
 NEUFFEL & ESSER CO.



Encl. 14-j

TODD FIELD
Roosevelt Co New Mexico
FRANKLIN, ASTON & FAIR
Linanders Federal Well #1
Well Production Vs Time

10/1/67
 22225

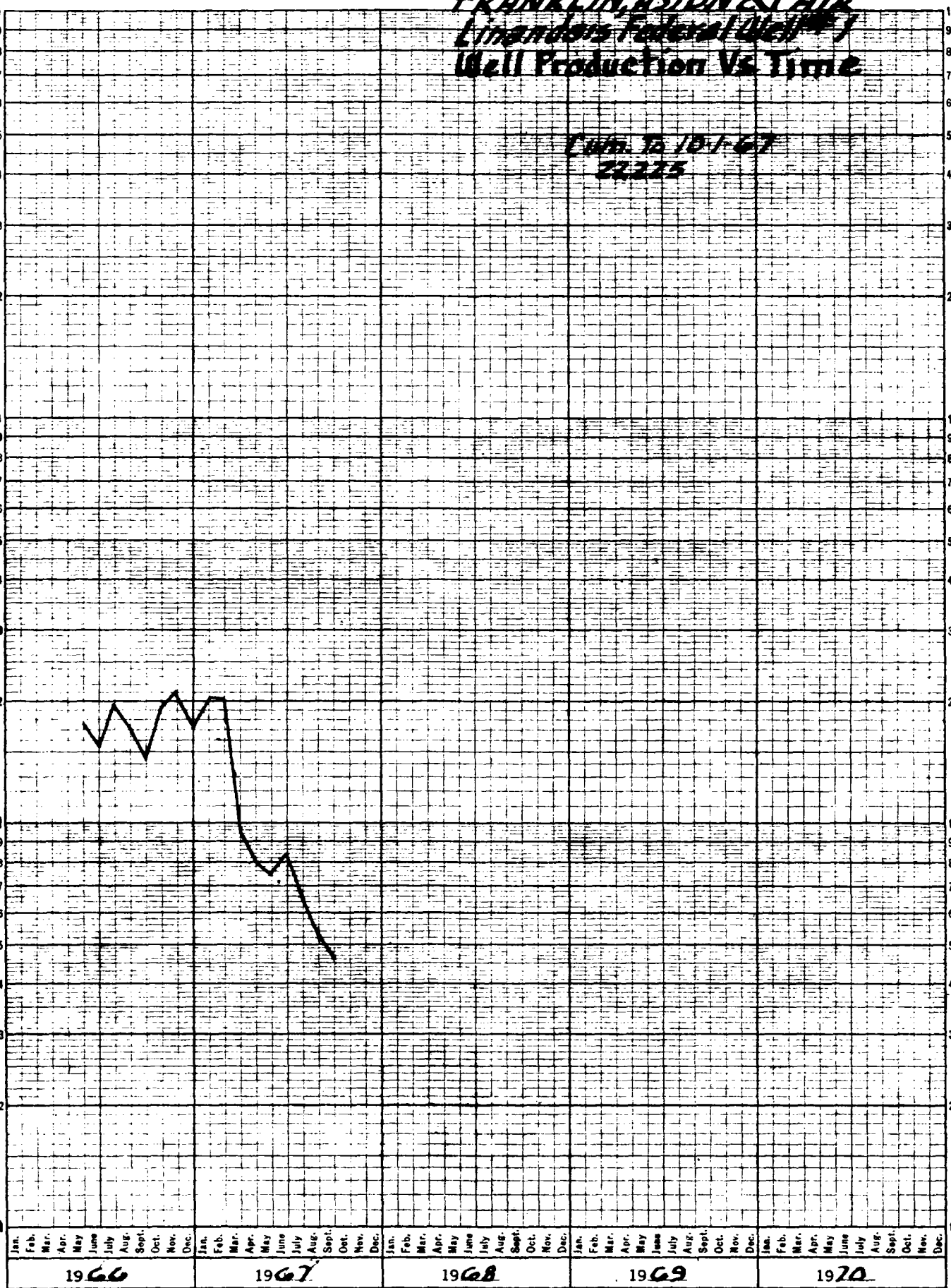
K-E 3 YEARS BY MONTHS 48 6893
 X 3 LOG CYCLES
 KEUFFEL & ESSER CO.

10,000

BOPM

1,000

100



TODD FIELD
Roosevelt Co. New Mexico
SKELLY
Hobbs "R" Well #2
Well Production Vs Time

K&E 5 YEARS BY MONTHS 46 6693
X 3 LOG CYCLES
MADE IN U.S.A. *
KEUFFEL & ESSER CO.

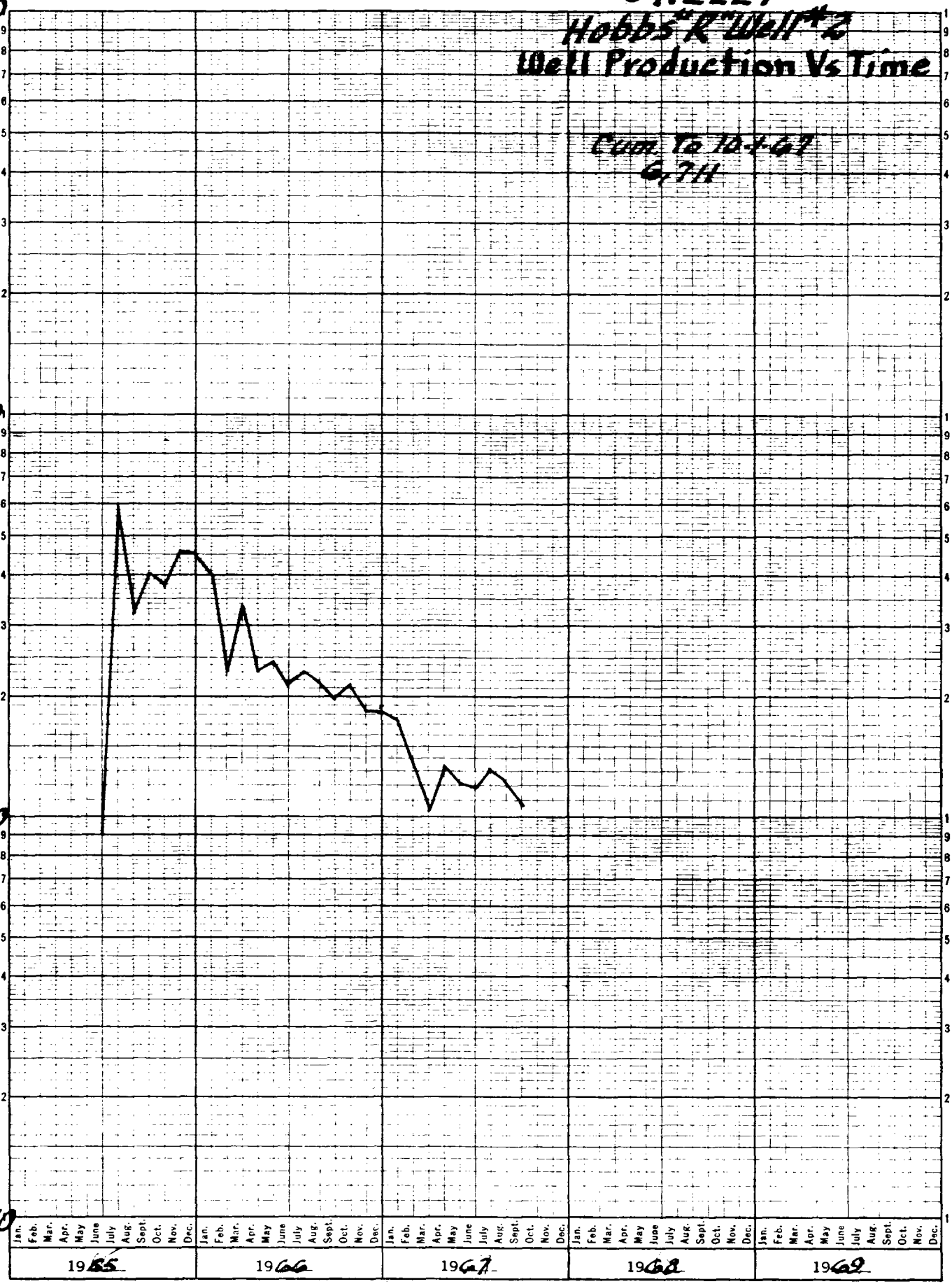
10,000

1,000

BOPM

100

10



Cum To 10-1-69
6,711

TODD FIELD
Roosevelt Co, New Mexico
A.C. HOLDER CO.
State "BC" Well #1
Well Production Vs Time

COM TO 10/1/67
2007

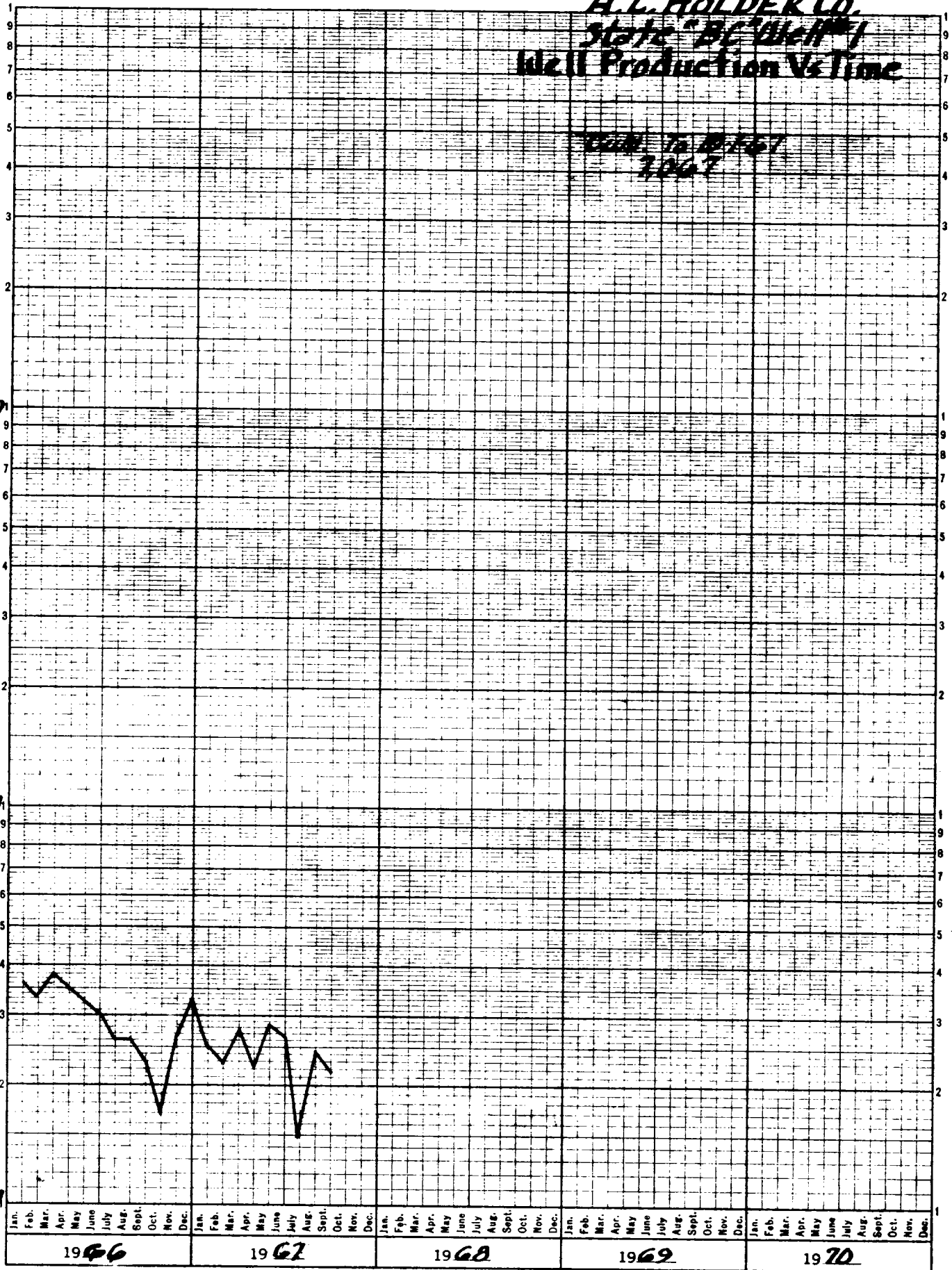
10,000

BOPM

1,000

100

K-E 5 YEARS BY MONTHS 46 6693
X 3 LOG CYCLES
KEUFFEL & ESSER CO.



TODD FIELD
Roosevelt Co, New Mexico

TEXACO
State CT Well #3
Well Production vs Time

Curve 1-10-1-57
24.268

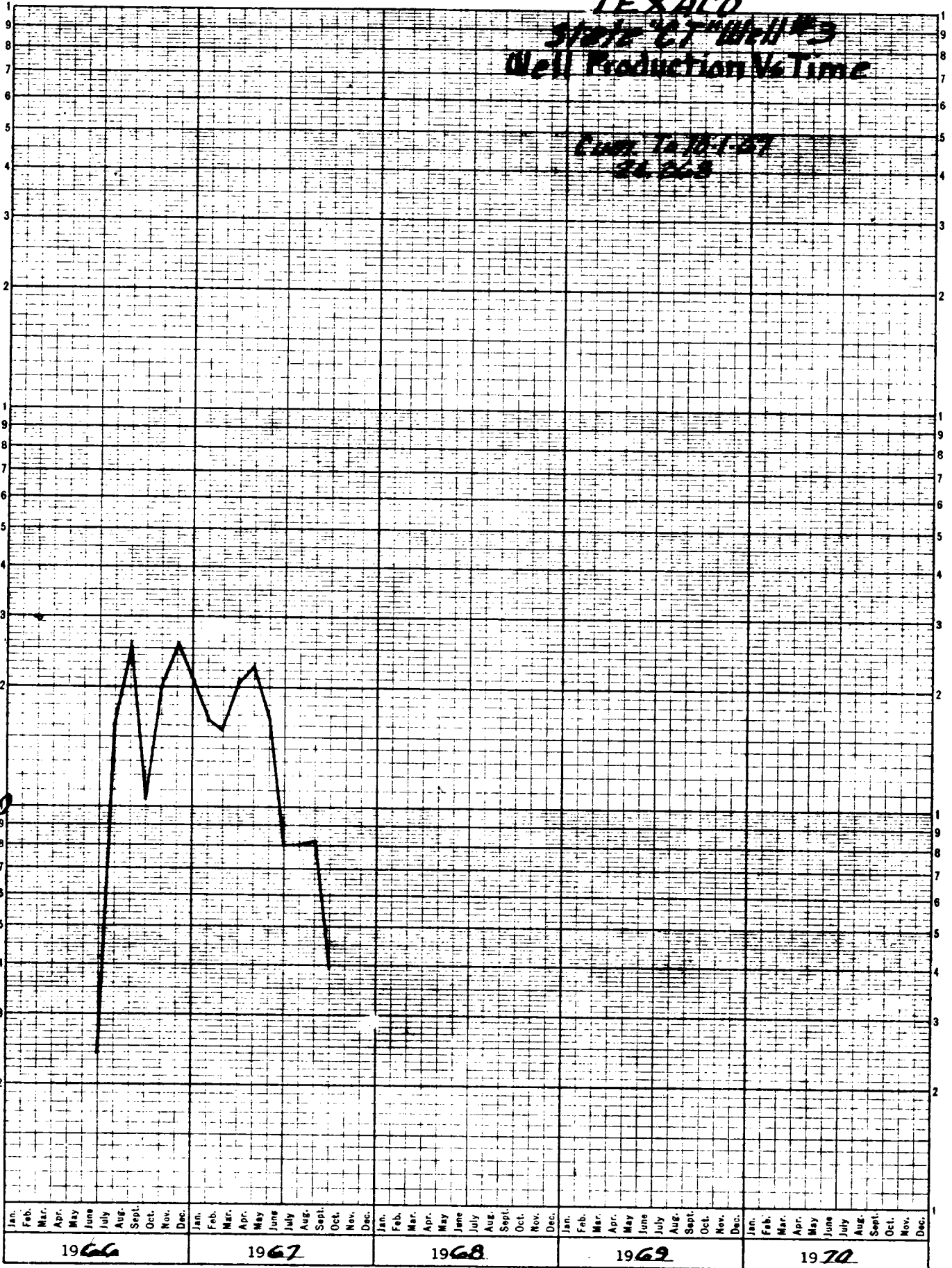
K-E 5 YEARS BY MONTHS
 46 6693
 MADE IN U.S.A.
KEUFFEL & ESSER CO.

10,000

BOPM

1,000

100



Encl. 14-m

TODD FIELD
 Roosevelt Co, New Mexico
 TEXACO
 State "CT" Well #7
 Well Production Vs Time

Cum to 12/67
 5166

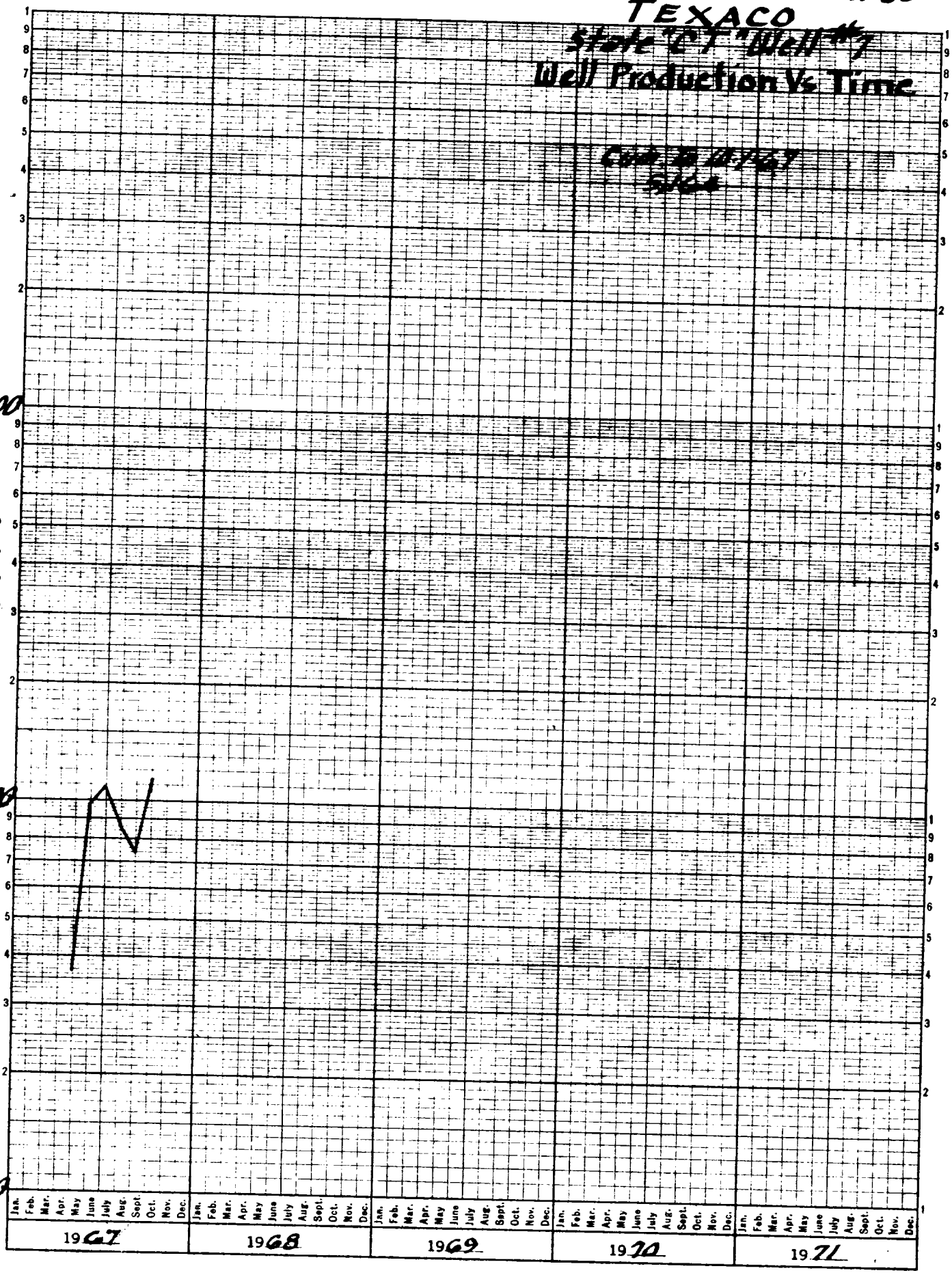
K&E 5 YEARS BY MONTHS 46 6693
 X 3 LOG CYCLES
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.

10000

BOPM

1000

100



TODD FIELD
Roosevelt Co, New Mexico
TEXACO
State "CT" Well #6
Well Production Vs Time

Chart To 12-31-67
A.B.H.

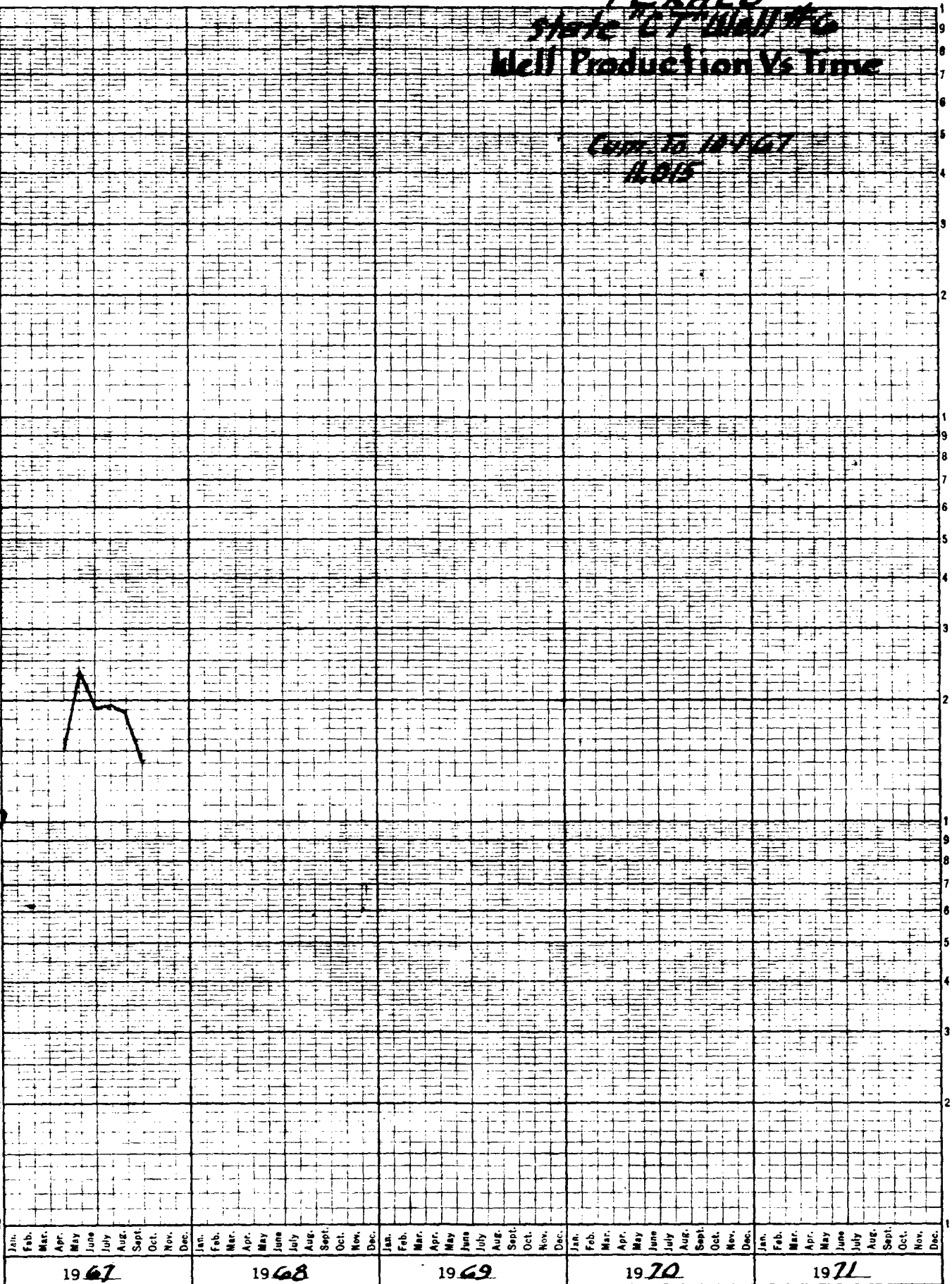
10,000

BOPM

1,000

100

K&E 5 YEARS BY MONTHS 46 6693
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.



TODD FIELD
Roosevelt Co, New Mexico
TEXACO
State "CT" Well #4
Well Production Vs Time

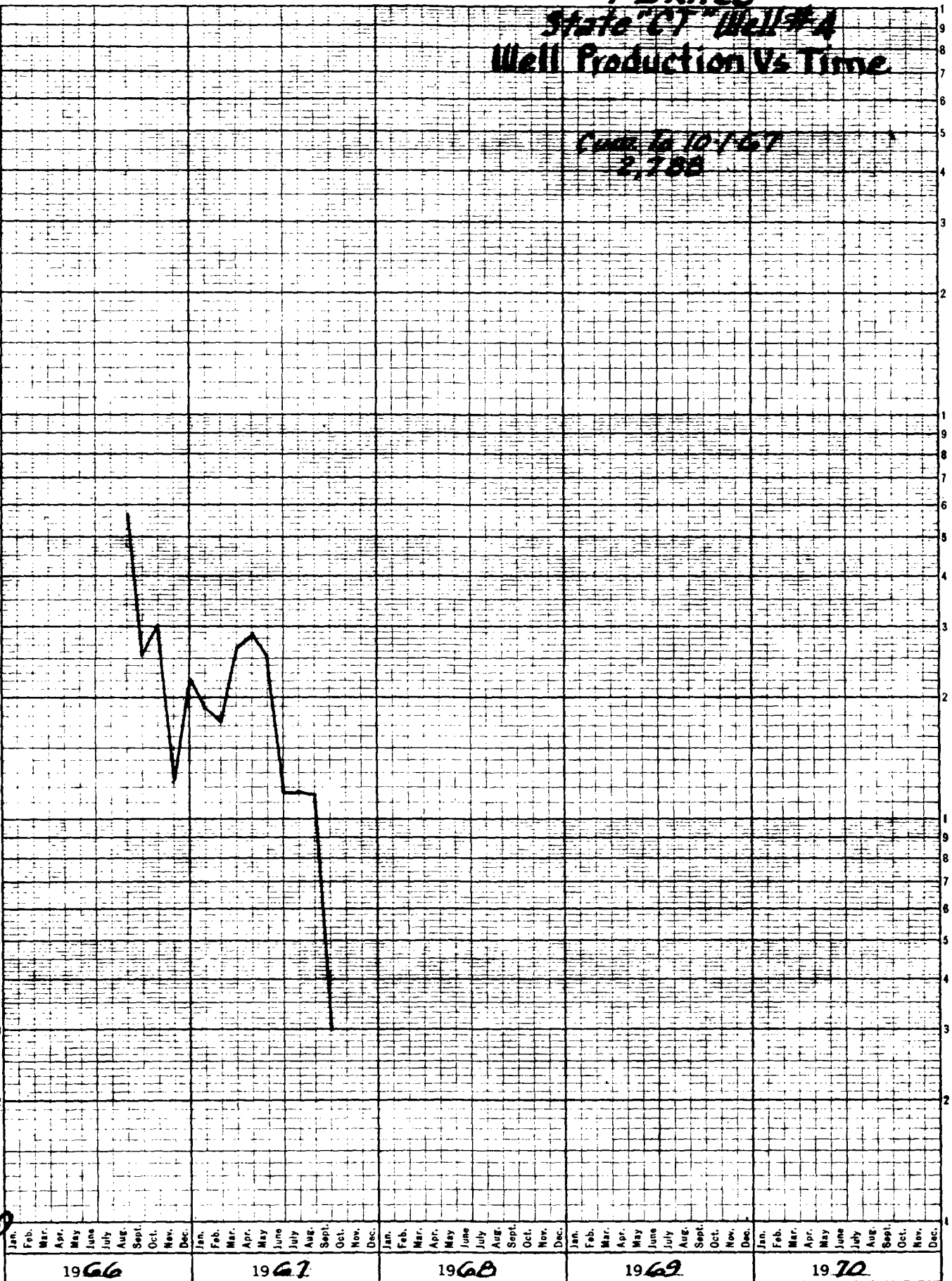
10,000

1,000

BOPM

100

10



Curve to 10-1-67
2,700

K&E 5 YEARS BY MONTHS 46 6693
K&E X 3 LOG CYCLES
KEUFFEL & ESSER CO.

TODD FIELD
Roosevelt Co. New Mexico

TEXACO

36 1/2 CT 10 1/2 1972

Well Production Vs. Time

Cum. to 10-1-67

26,546

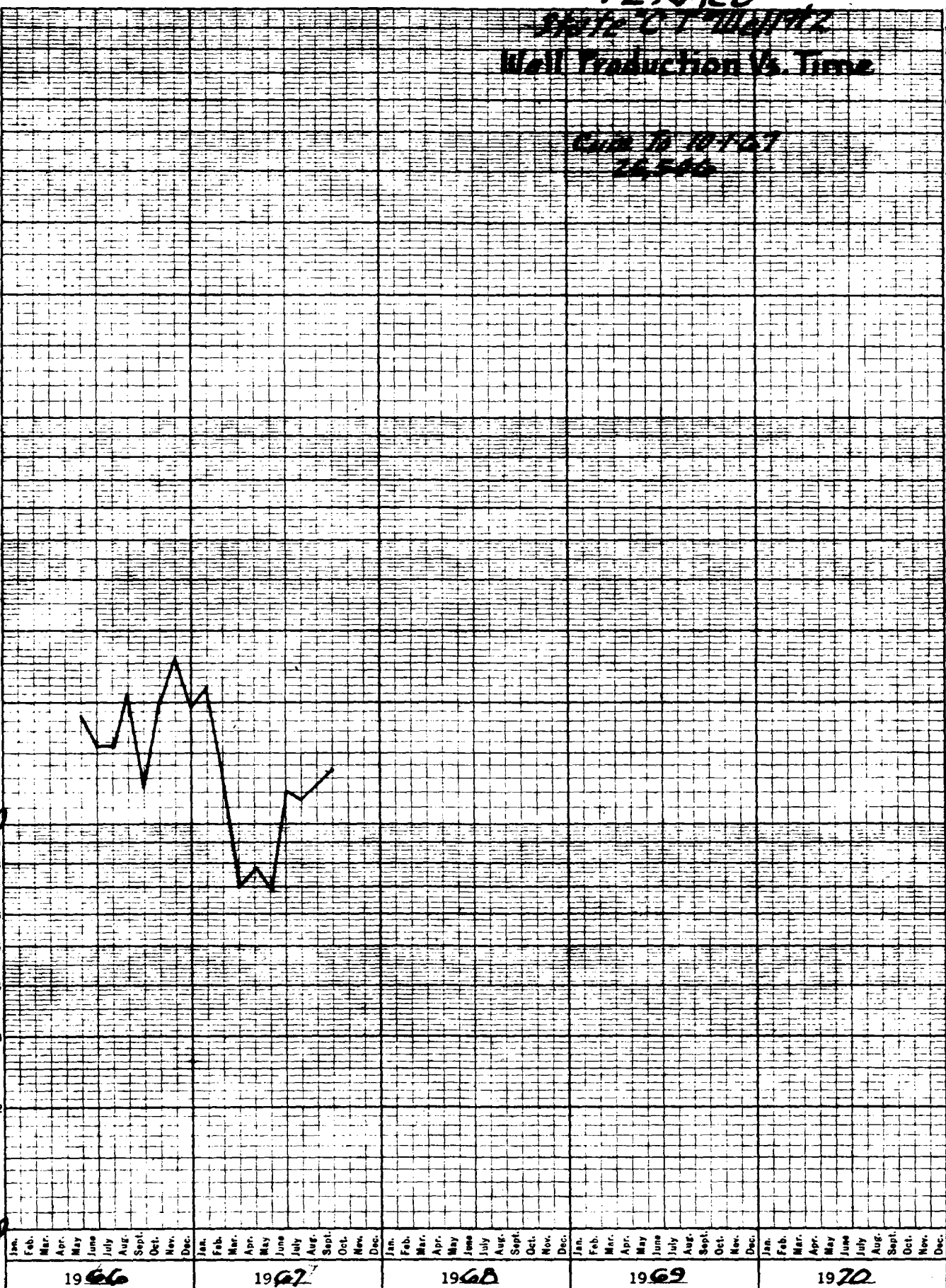
100,000

10,000

BOPM

1,000

100

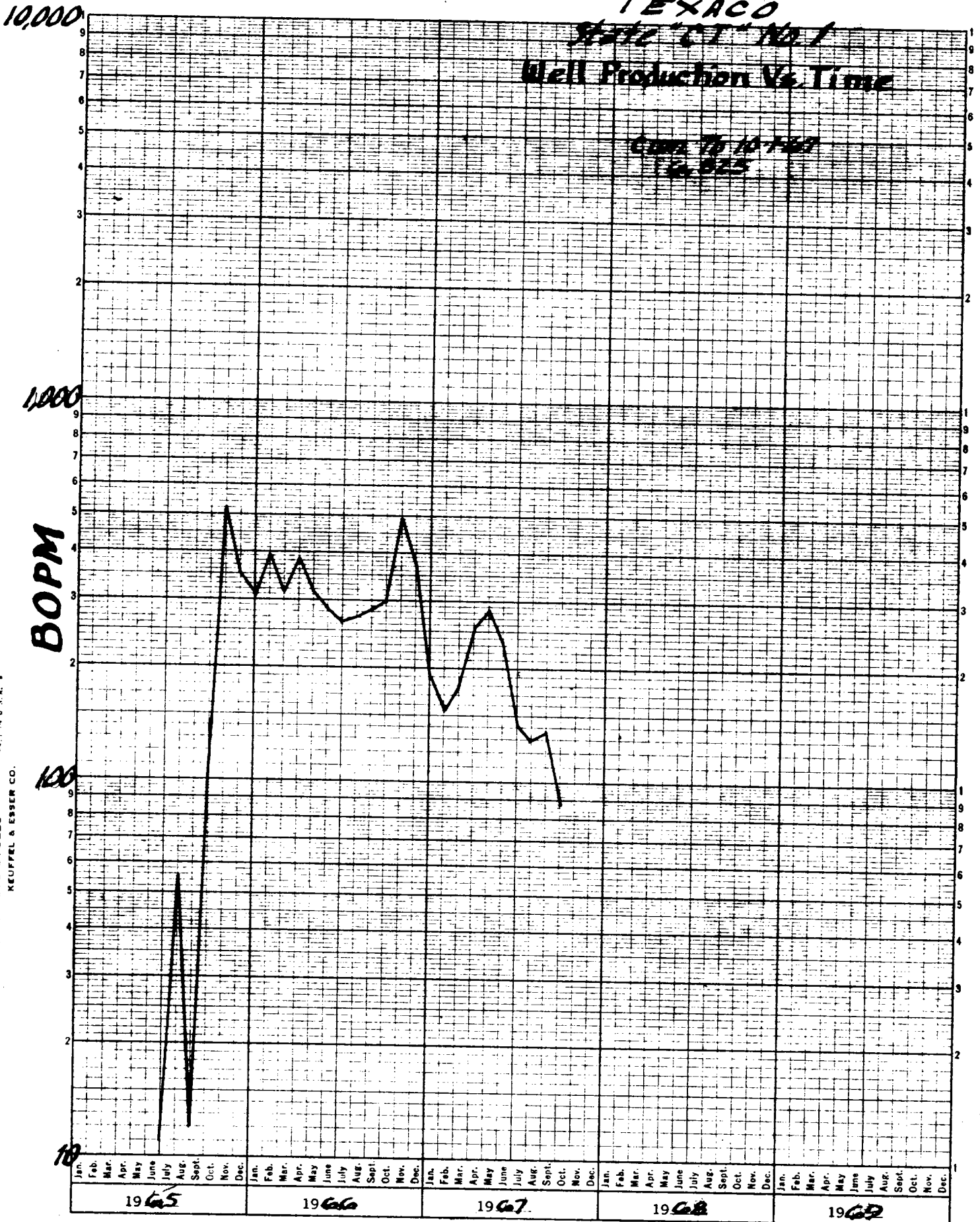


K-E 5 YEARS BY MONTHS 46 6693
K-E X 3 LOG CYCLES
MADE IN U.S.A.
KEUFFEL & ESSER CO.

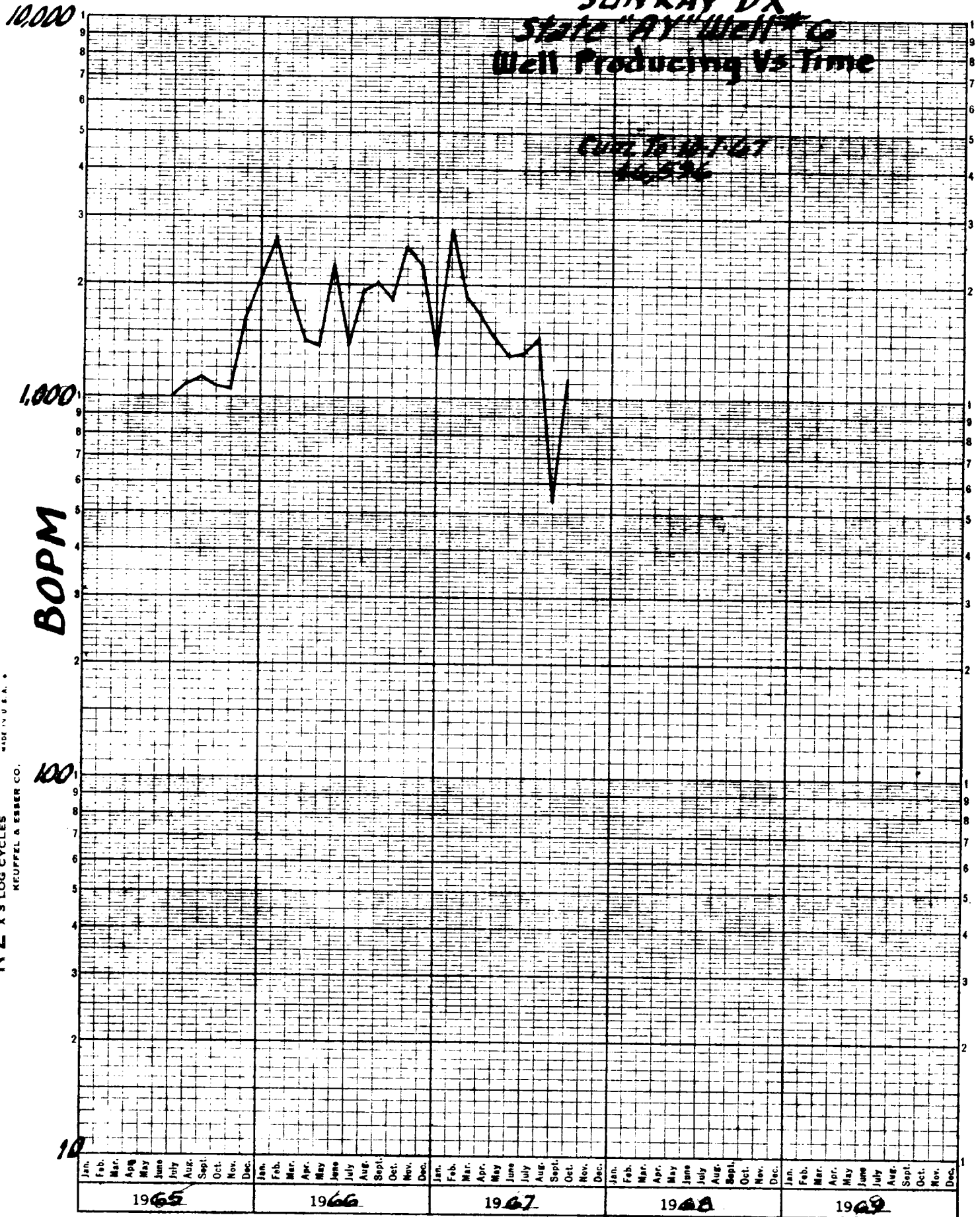
TODD FIELD
Roosevelt Co. New Mexico
TEXACO
State "CT" No. 1
Well Production Vs Time

Curve To 10-1-69
126,025

K&E 5 YEARS BY MONTHS 46 6693
MADE IN U.S.A.
KEUFFEL & ESSER CO.

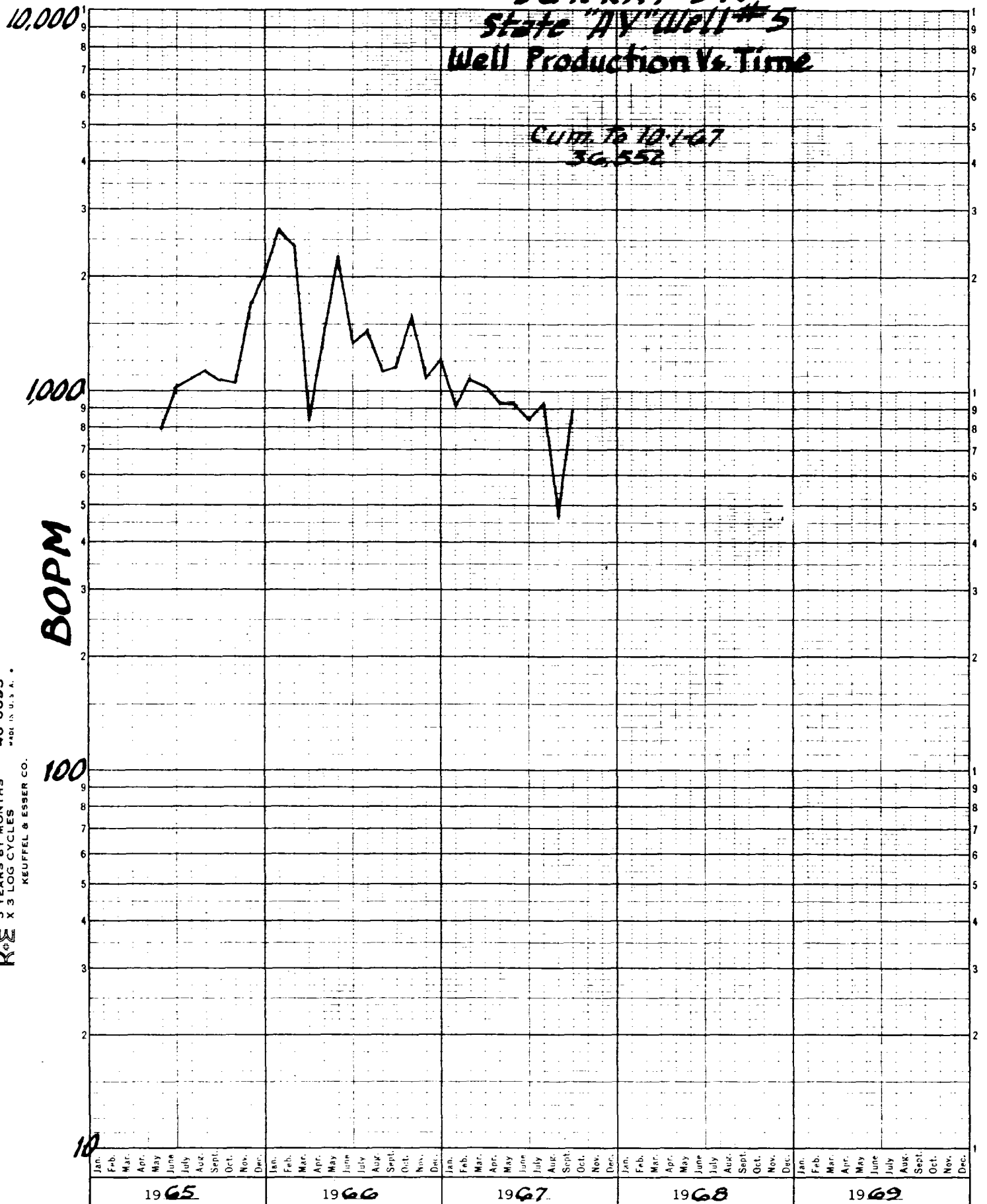


TODD FIELD
Roosevelt Co. New Mexico
SUNRAY DX
State "AY" UNIT # 6
Well Producing Vs Time



Encl. 14-t

TODD FIELD
Roosevelt Co. New Mexico
SUNRAY DX
State "AY" Well #5
Well Production Vs Time



Encl. 1A-u

TODD FIELD
Roosevelt Co. New Mexico
SUNRAY D X
State "AY" Well #4
Well Production Vs. Time

Cum. To 10-1-67
42,305

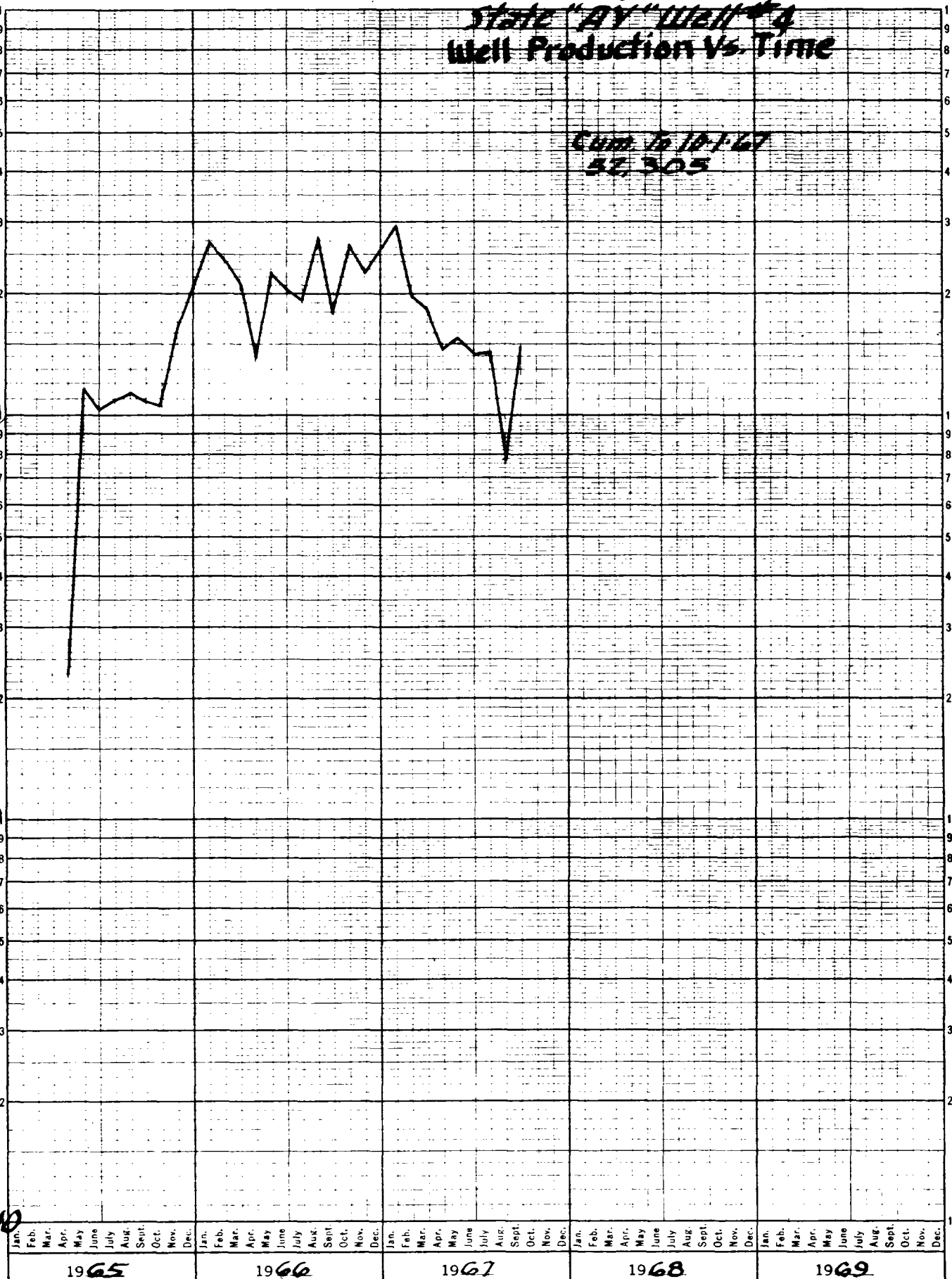
BOPM

10,000

1000

100

10



K-E 5 YEARS BY MONTHS 46 6693
MADE IN U.S.A. *
KEUFFEL & ESSER CO.

TODD FIELD
Roosevelt Co, New Mexico
SUNRAY DX
State "NY" Well #3
Well Production Vs. Time

10,000

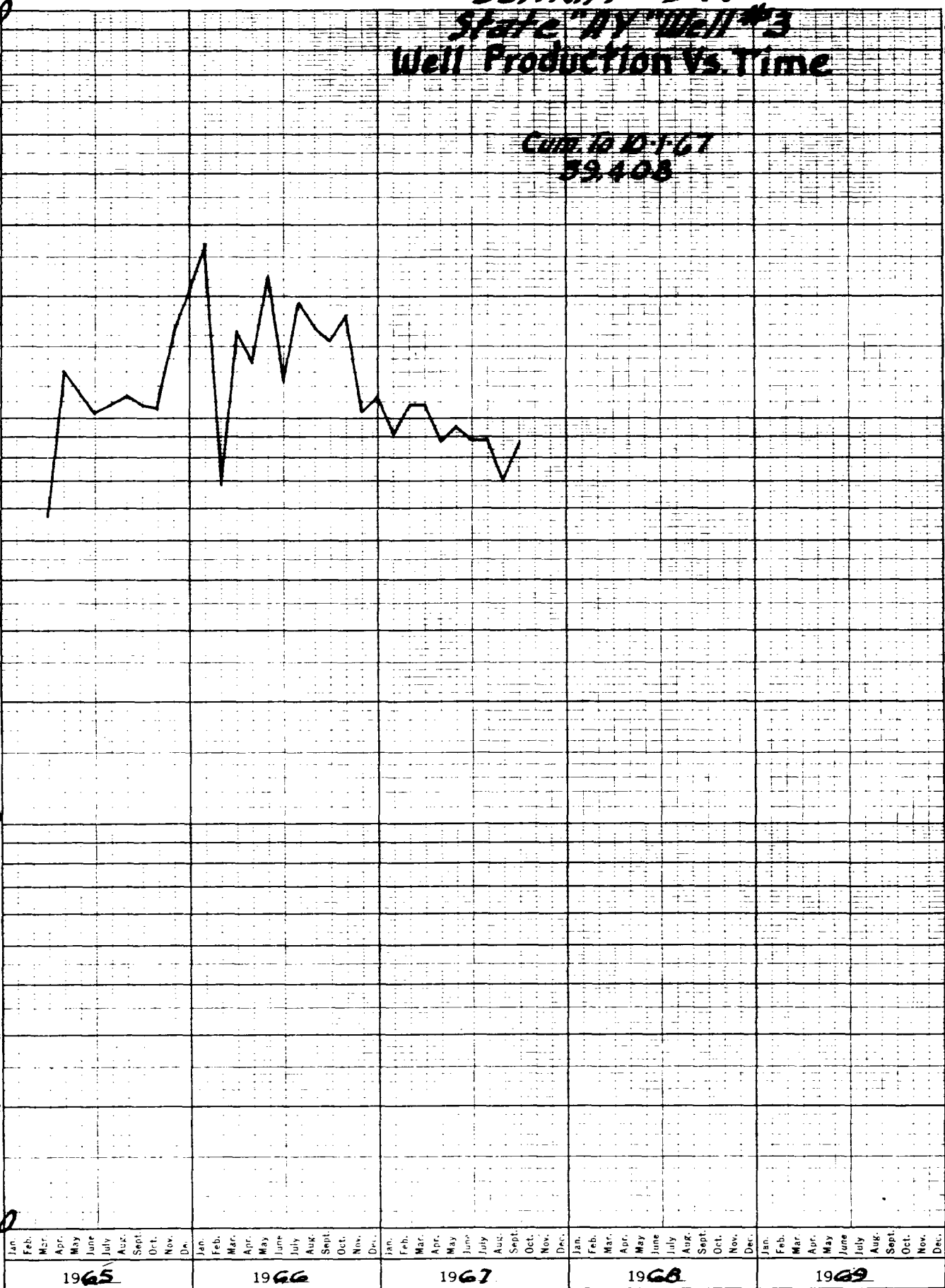
1000

BOPM

100

10

Cum. to 10-1-67
 59,408



TODD FIELD
Roosevelt Co, New Mexico

SUNRAY D X
State "AY" Well #2

Well Production Vs. Time

Cum. To 10-1-67: 20,400

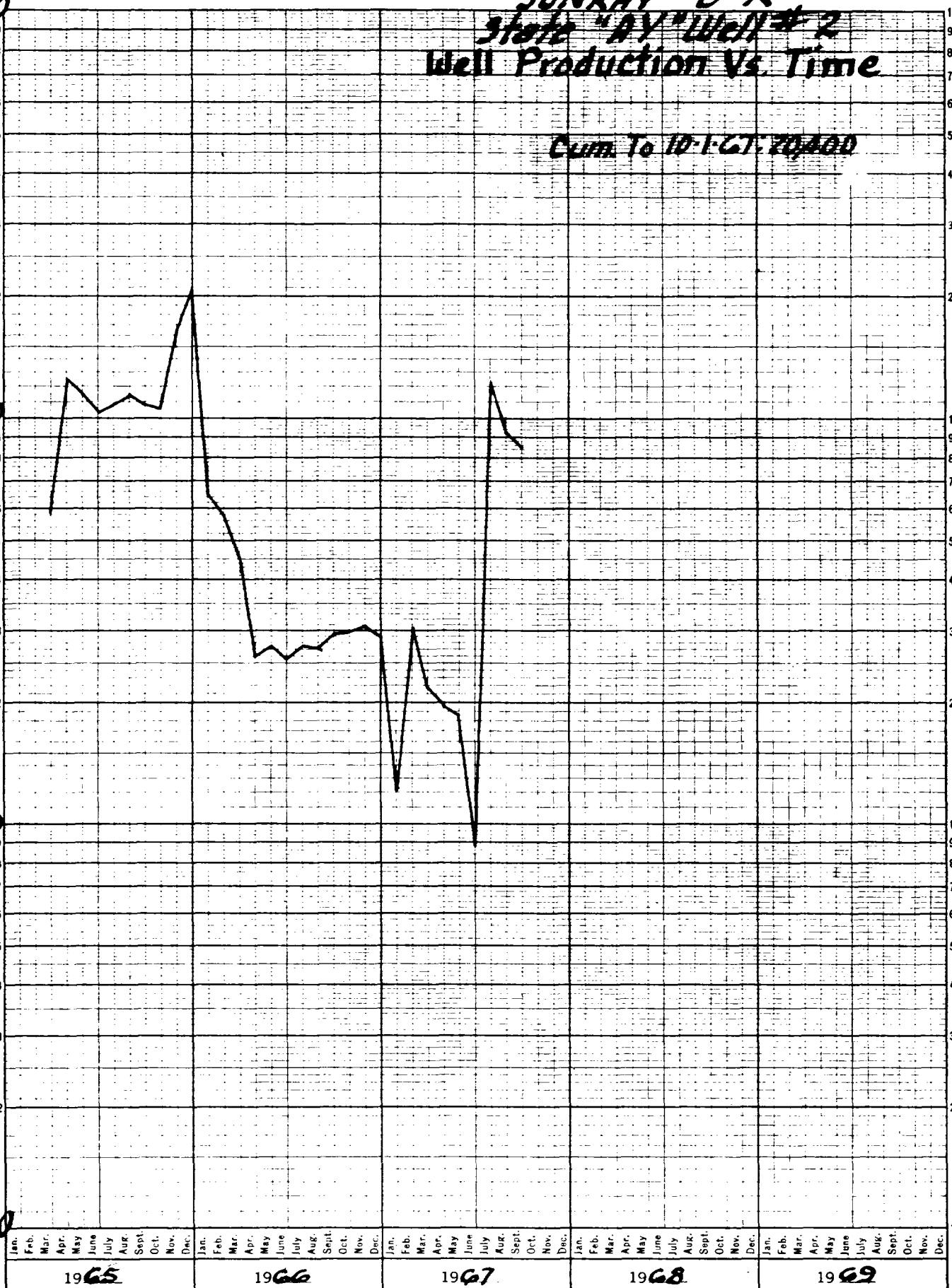
10,000

1,000

BOPM

100

10



Encl 14-x

TODD FIELD
Roosevelt Co, New Mexico
SUNRAY D X
State "AY" Well #1
Well Production Vs Time

10000

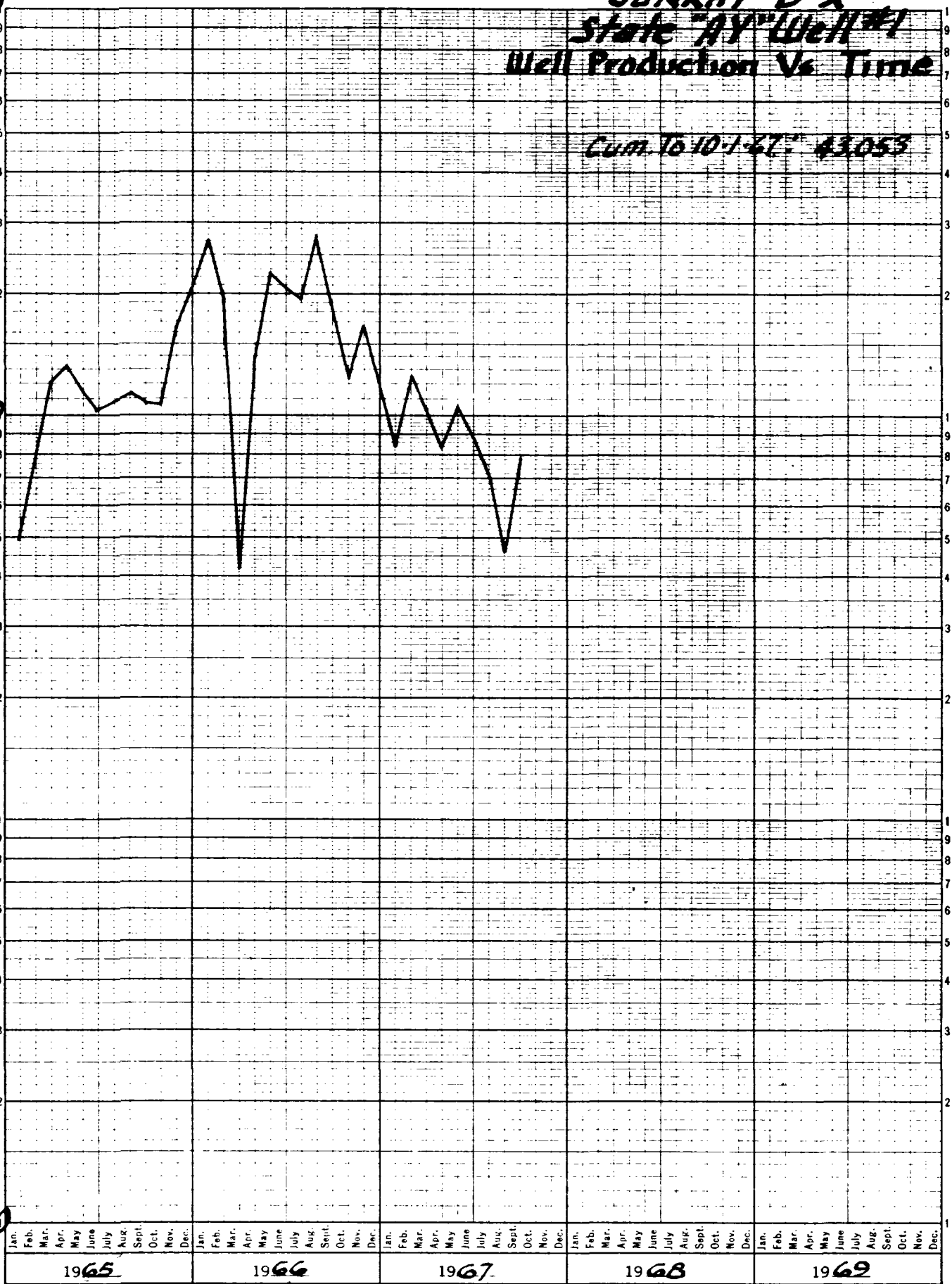
1000

BOPM

100

10

K&E 5 YEARS BY MONTHS 46 6693
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.



Cum. to 10-1-67: 43053

*CATO (S.A.)
POOL
PRODUCTION CURVES*

*APPRAISAL OF
NEW MEXICO SAN ANDRES
Trend Development Economics
File No. 409 January 1969*

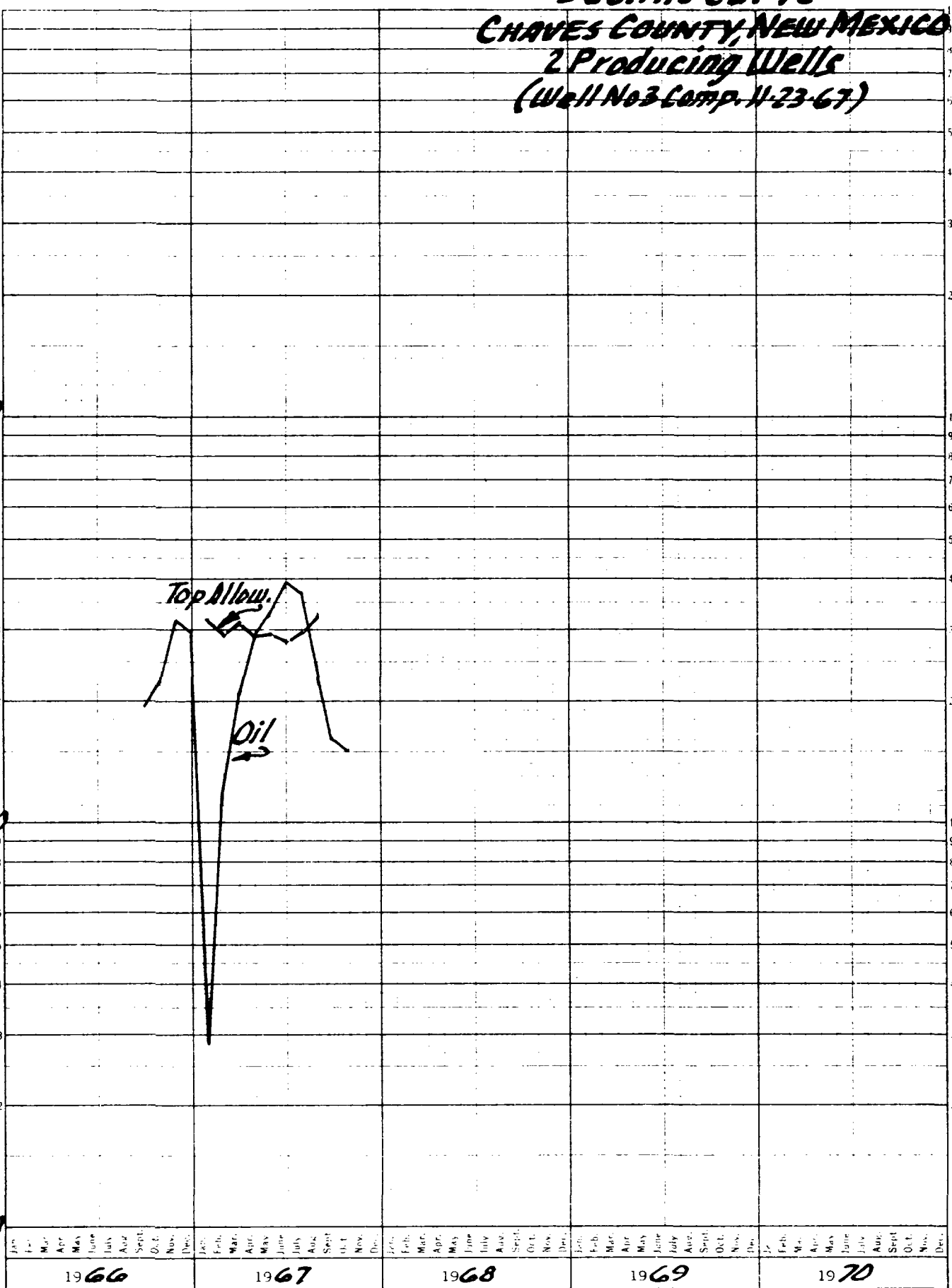
**Queen Lease
Cato Field
Decline Curve**
CHAVES COUNTY, NEW MEXICO
2 Producing Wells
(Well No 3 Comp. 11-23-67)

10,000

B.P.M.

1000

100



CROSBY "F"
CATO FIELD
Decline Curve
CHAVES COUNTY, NEW MEXICO
1 Producing Well

10,000

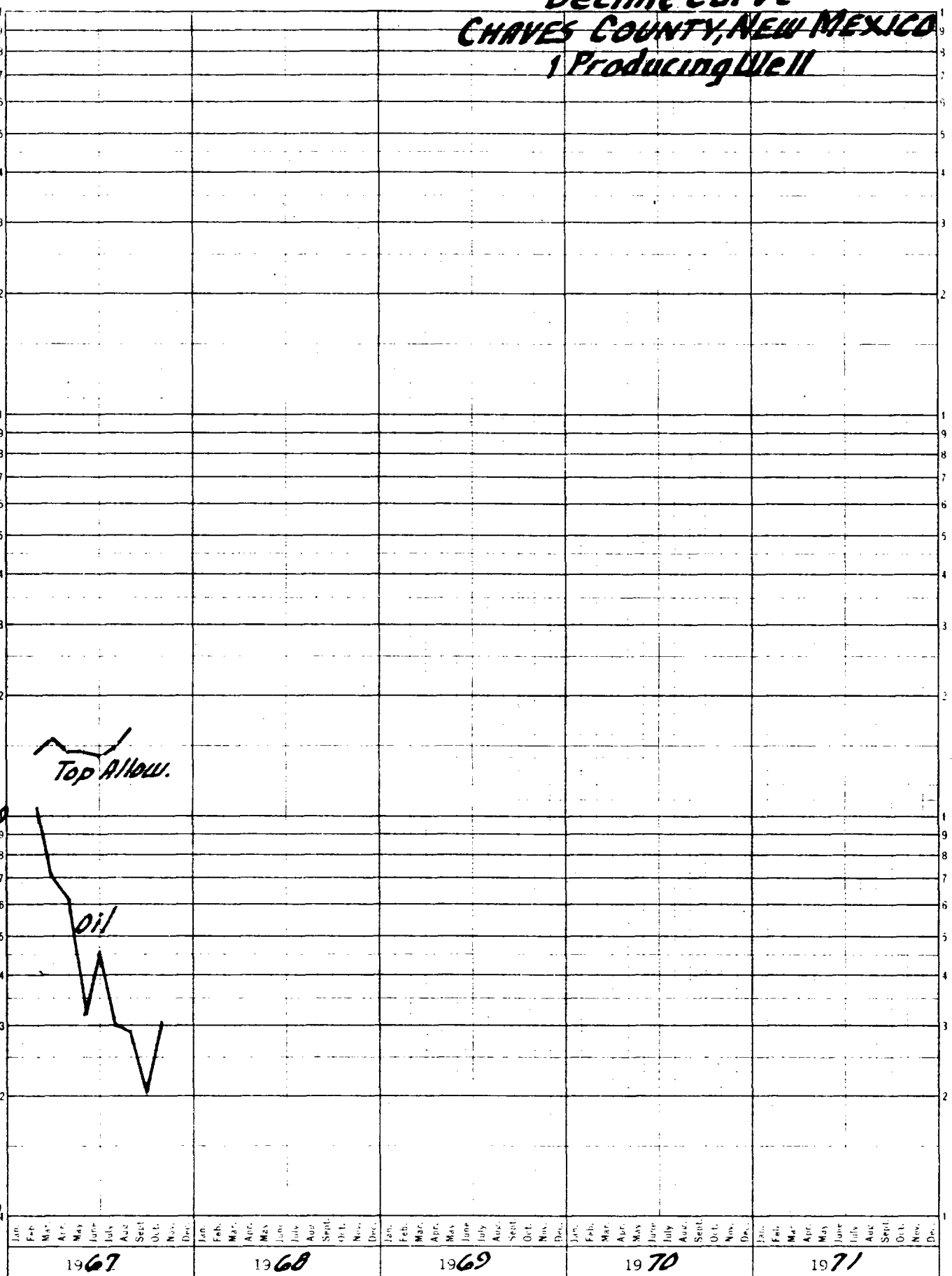
B.P.M.

1,000

100

Top Allow.

Oil



**FISHER FEDERAL
CATO FIELD
Decline Curve
CHAVES COUNTY, NEW MEXICO
2 Producing Wells**

