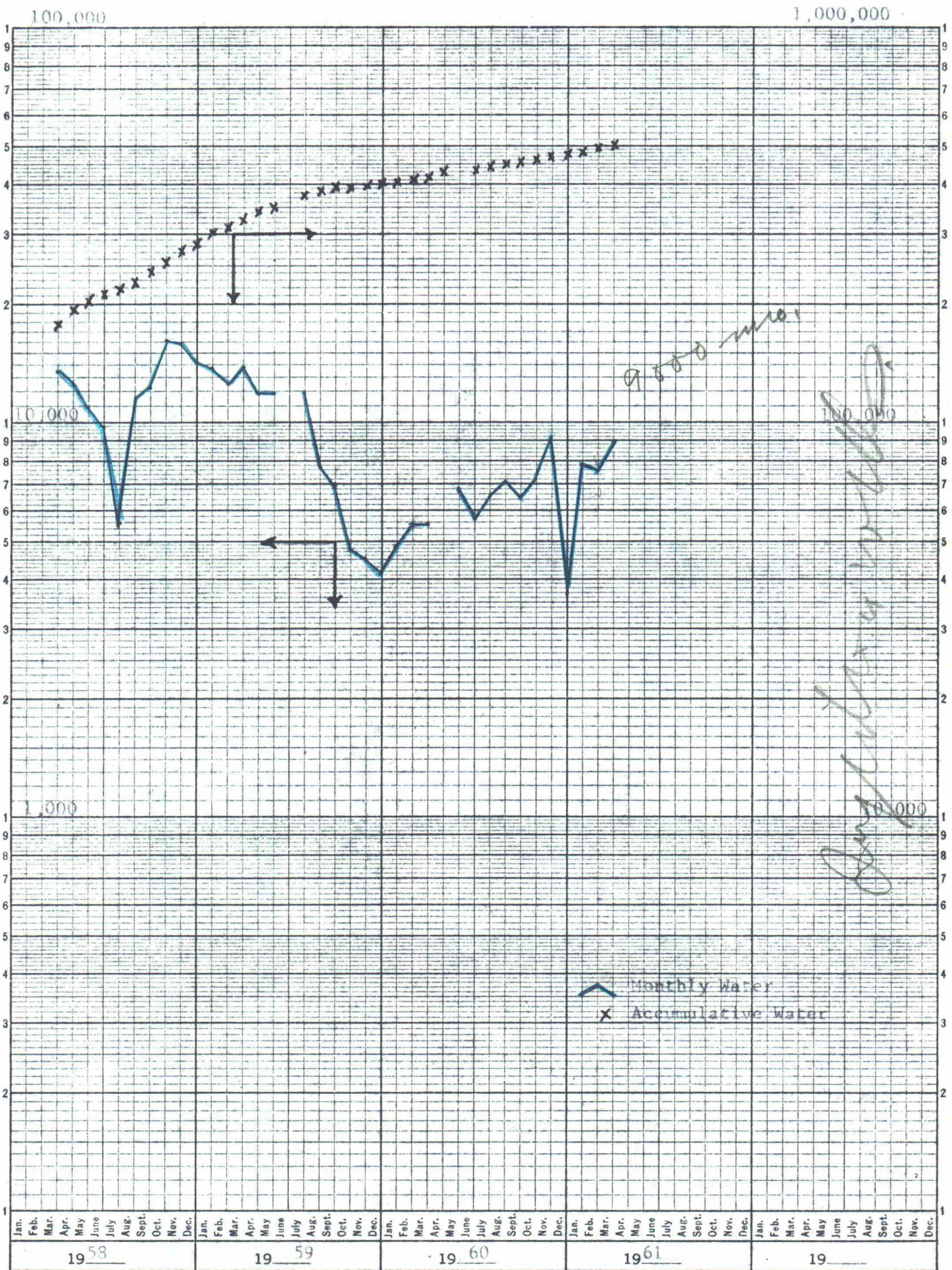
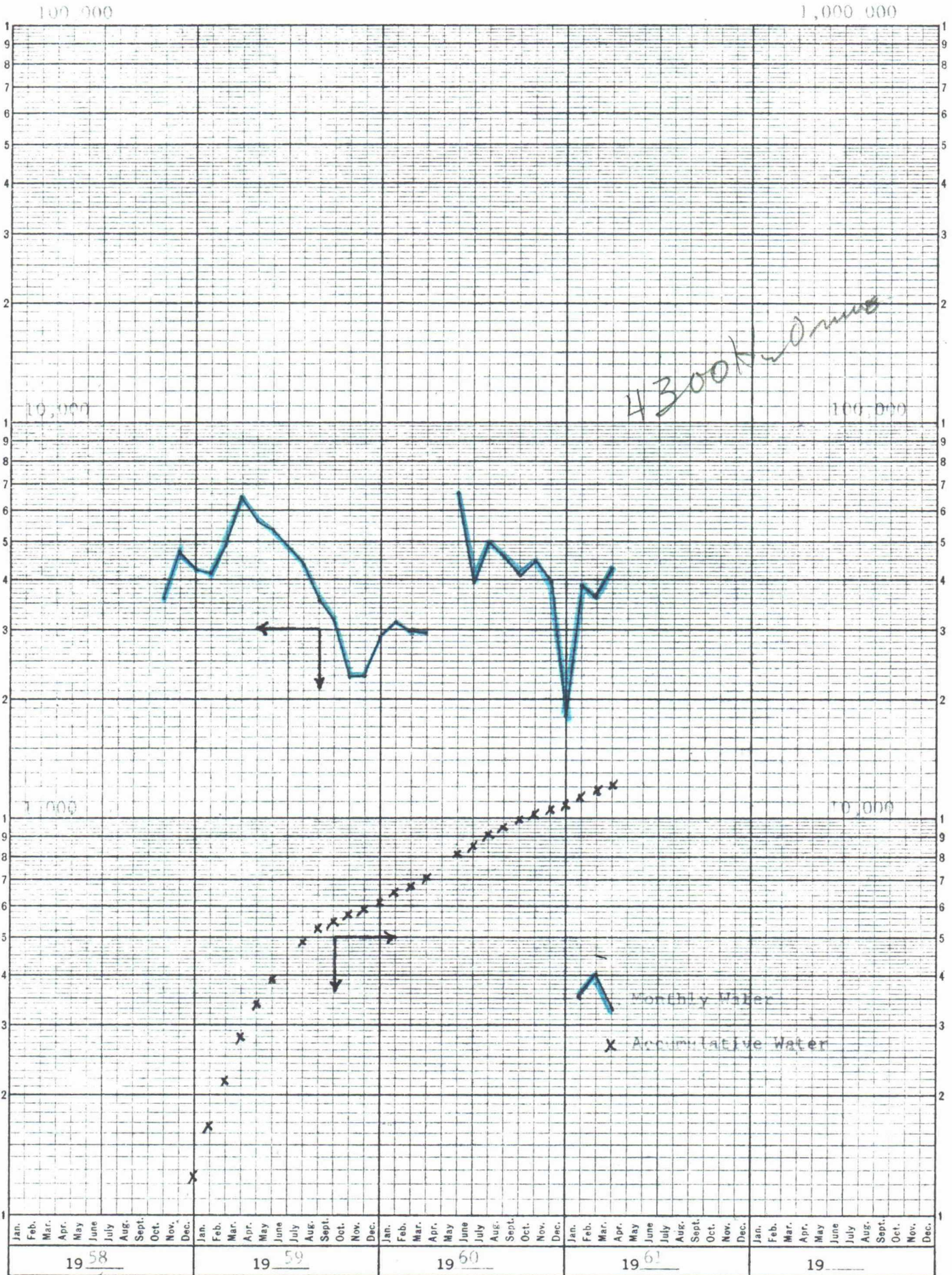


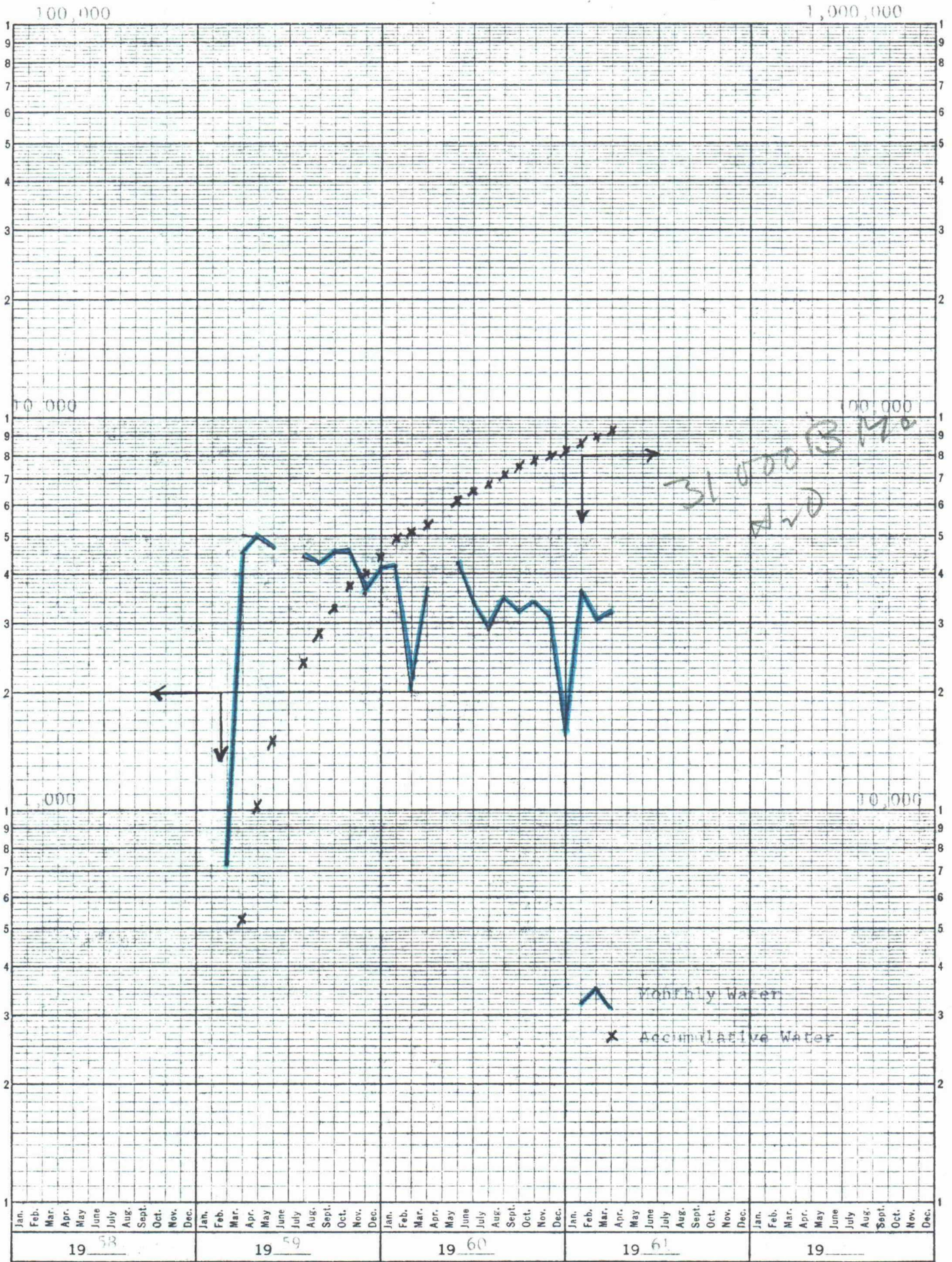
K&E
 5 YEARS BY MONTHS .359-195
 X 3 CYCLES
 KEUFFEL & ESSER CO. MADE IN U.S.A.

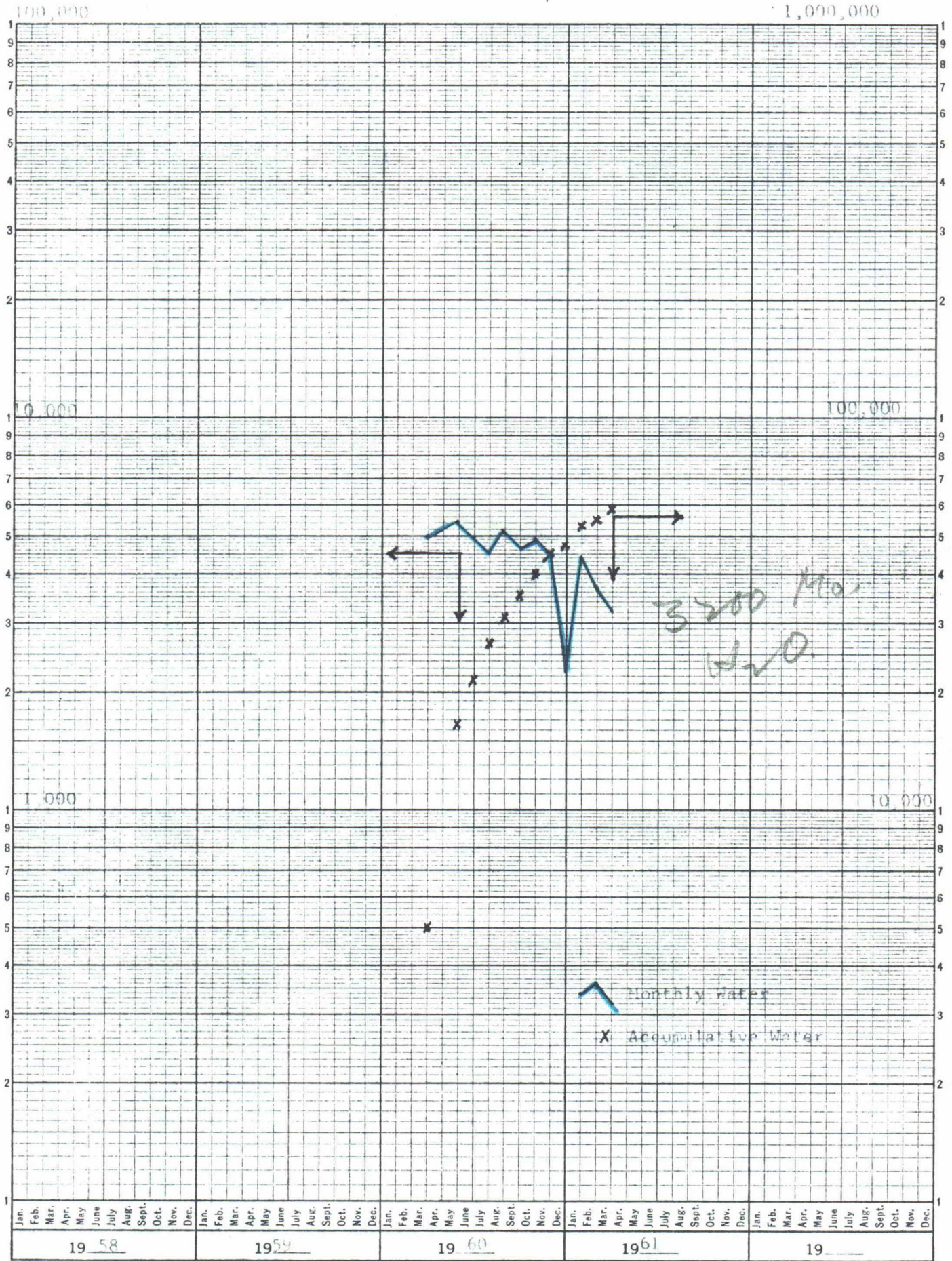


WELL 5-4 NORTH CAPROCK QUEEN UNIT #1

1-4 parts
 2293







Cases 2293 El no. 5 5 Sheets

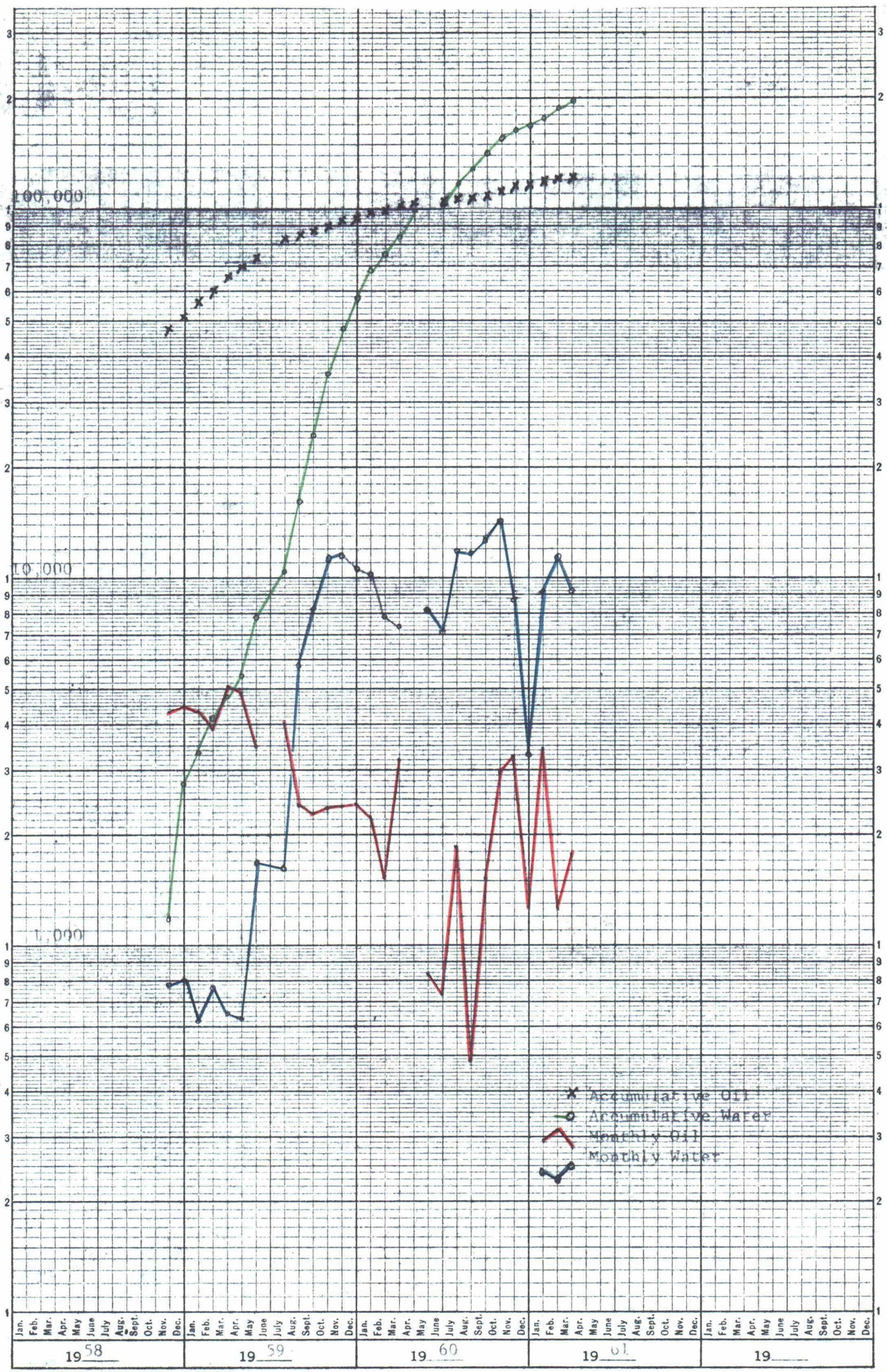


K&E 5 YEARS BY MONTHS 359-195
X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

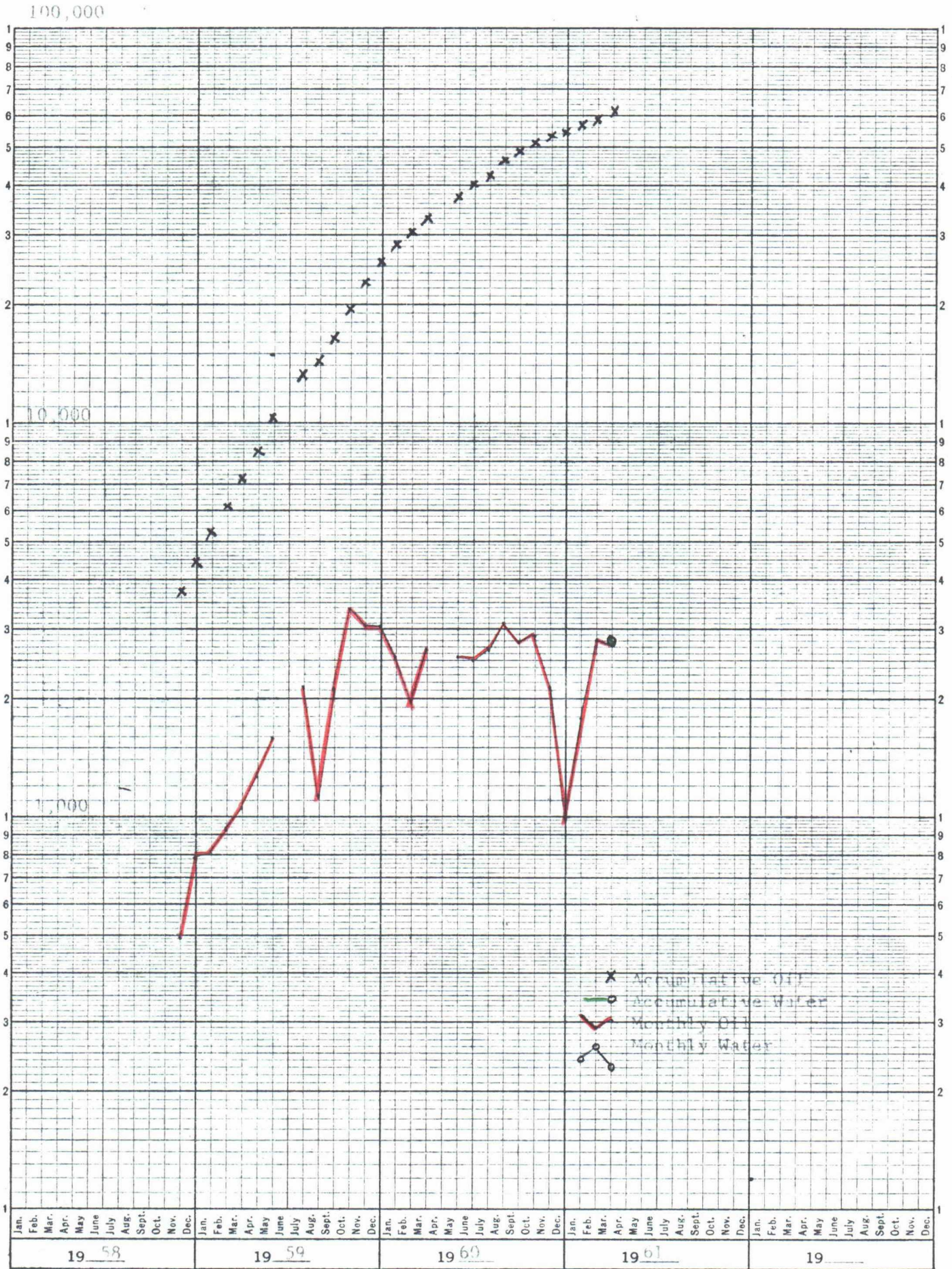
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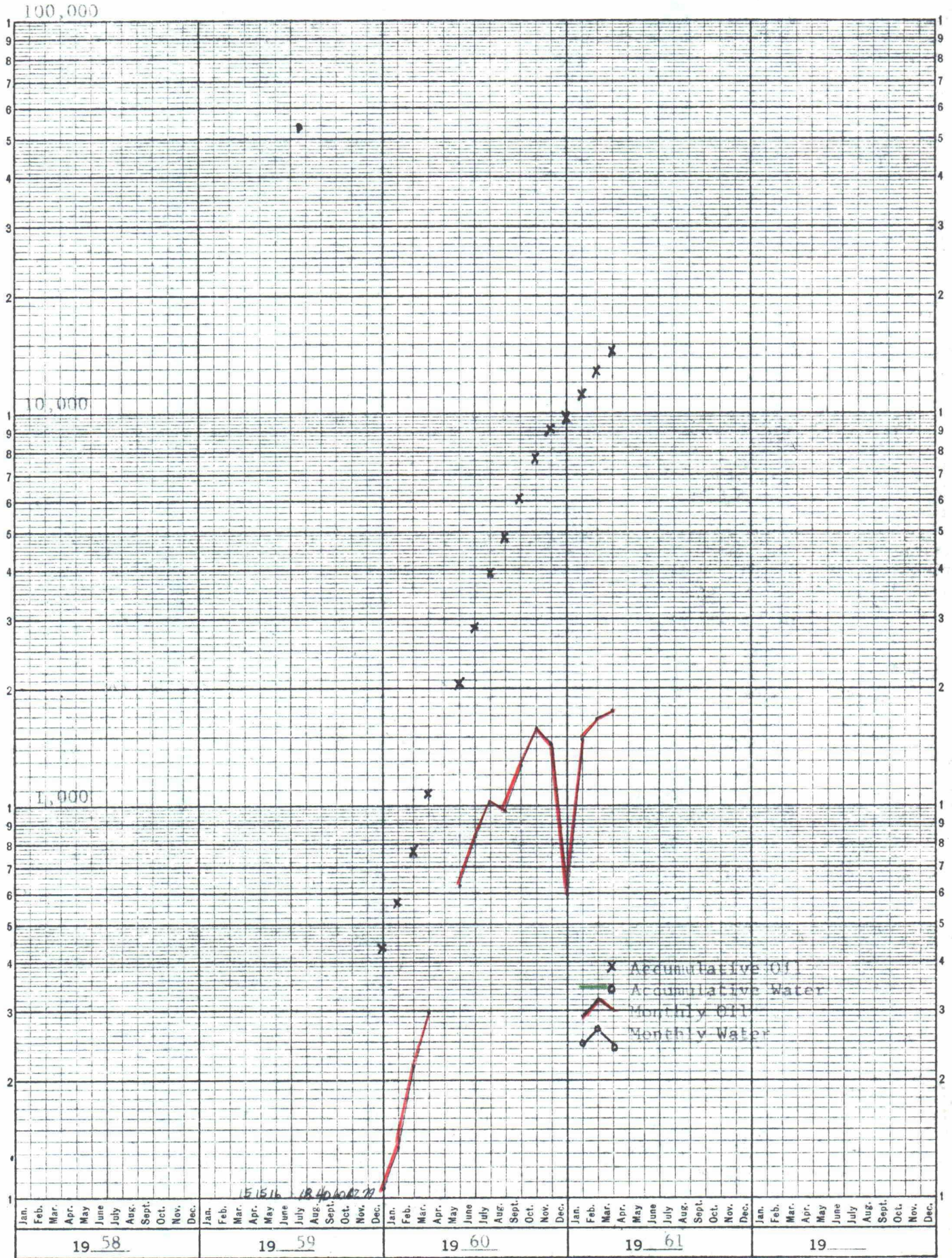
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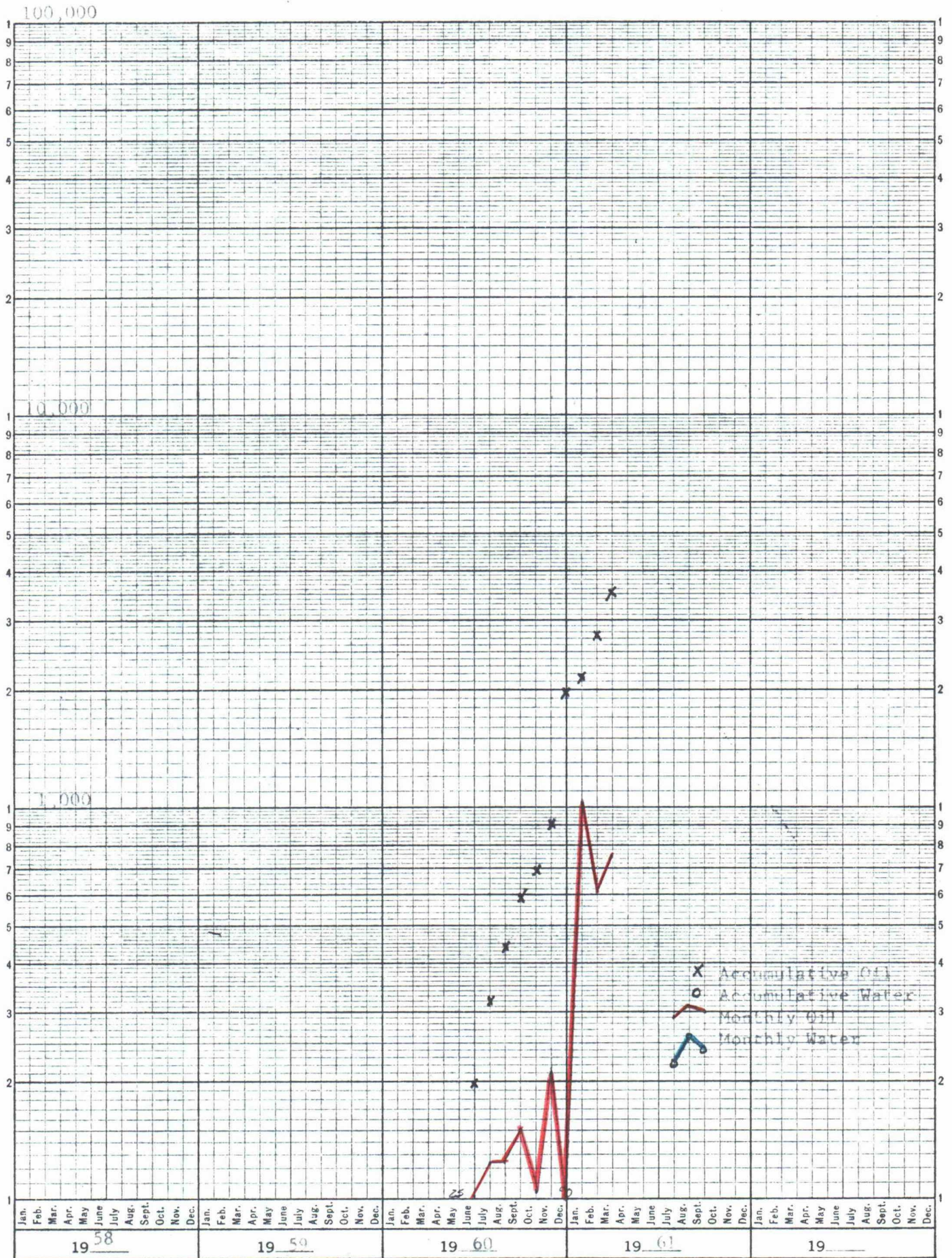
K+E 5 YEARS BY MONTHS 359-195
X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



WELL 5-5 NORTH CAPROCK QUEEN UNIT #1







WELL 8-5 NORTH CAPROCK QUEEN UNIT #1

100,000

10,000

1,000

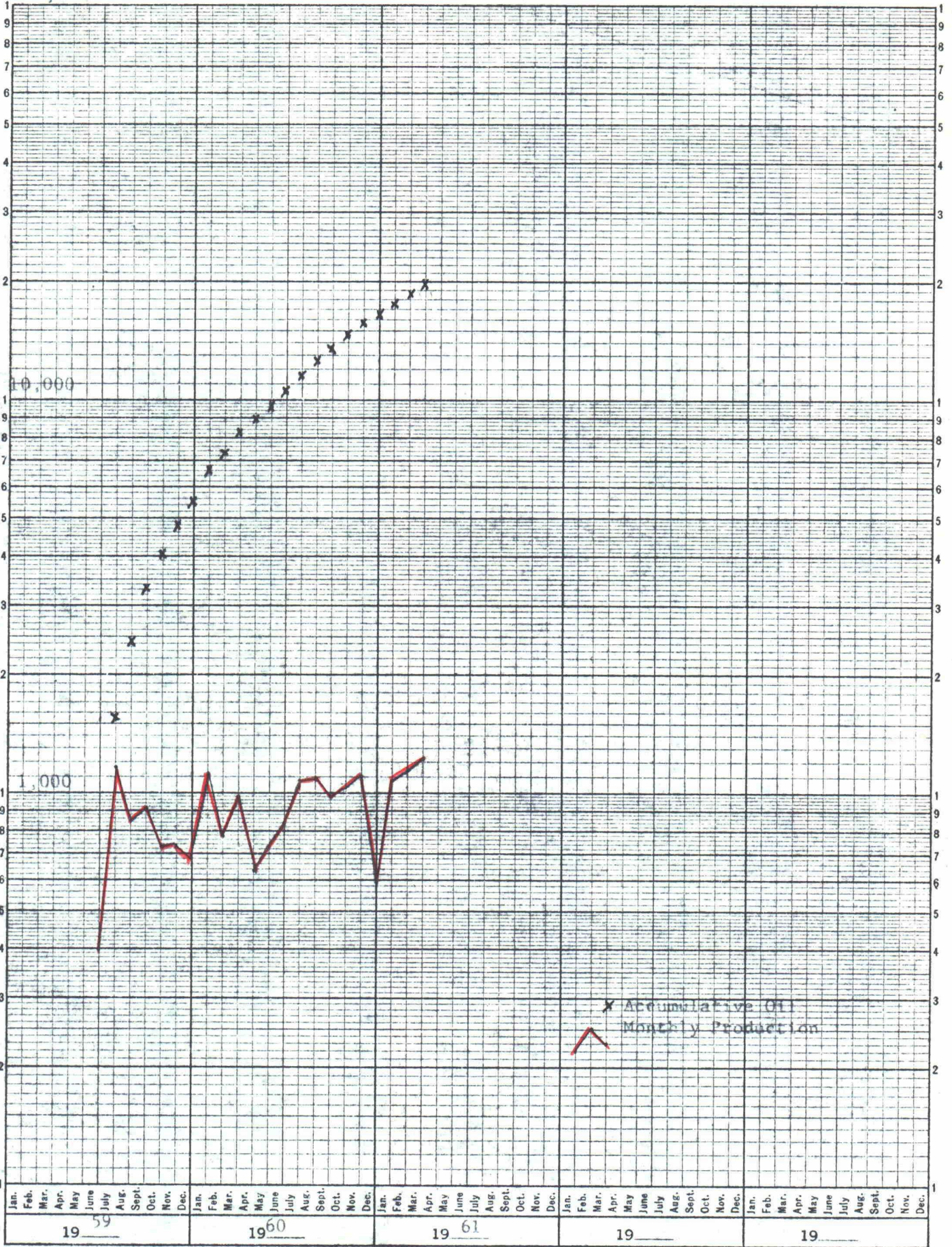


X Accumulative Oil
 ▲ Monthly Production

#6
 2503

Sparks

100,000



Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. 19 59

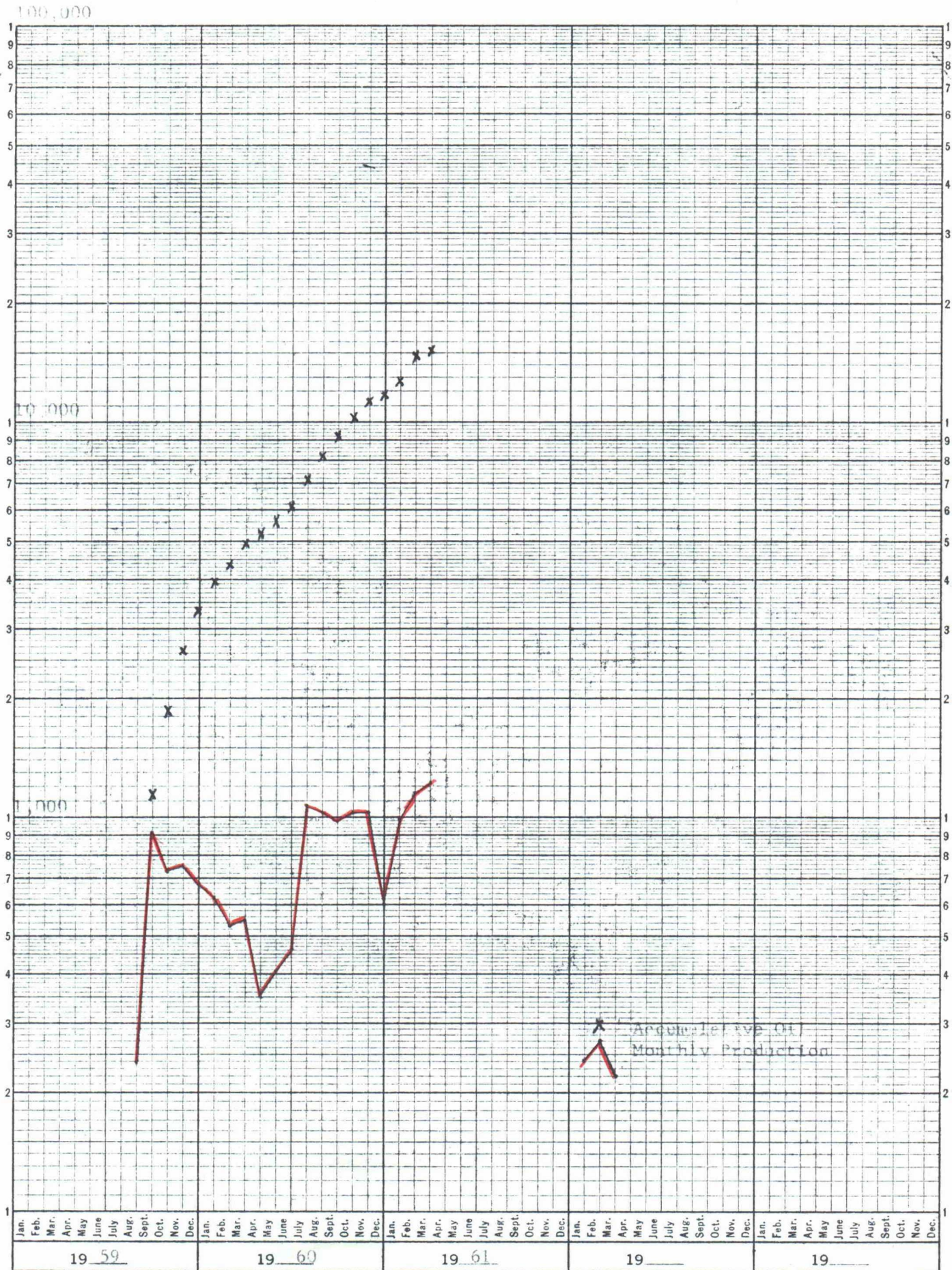
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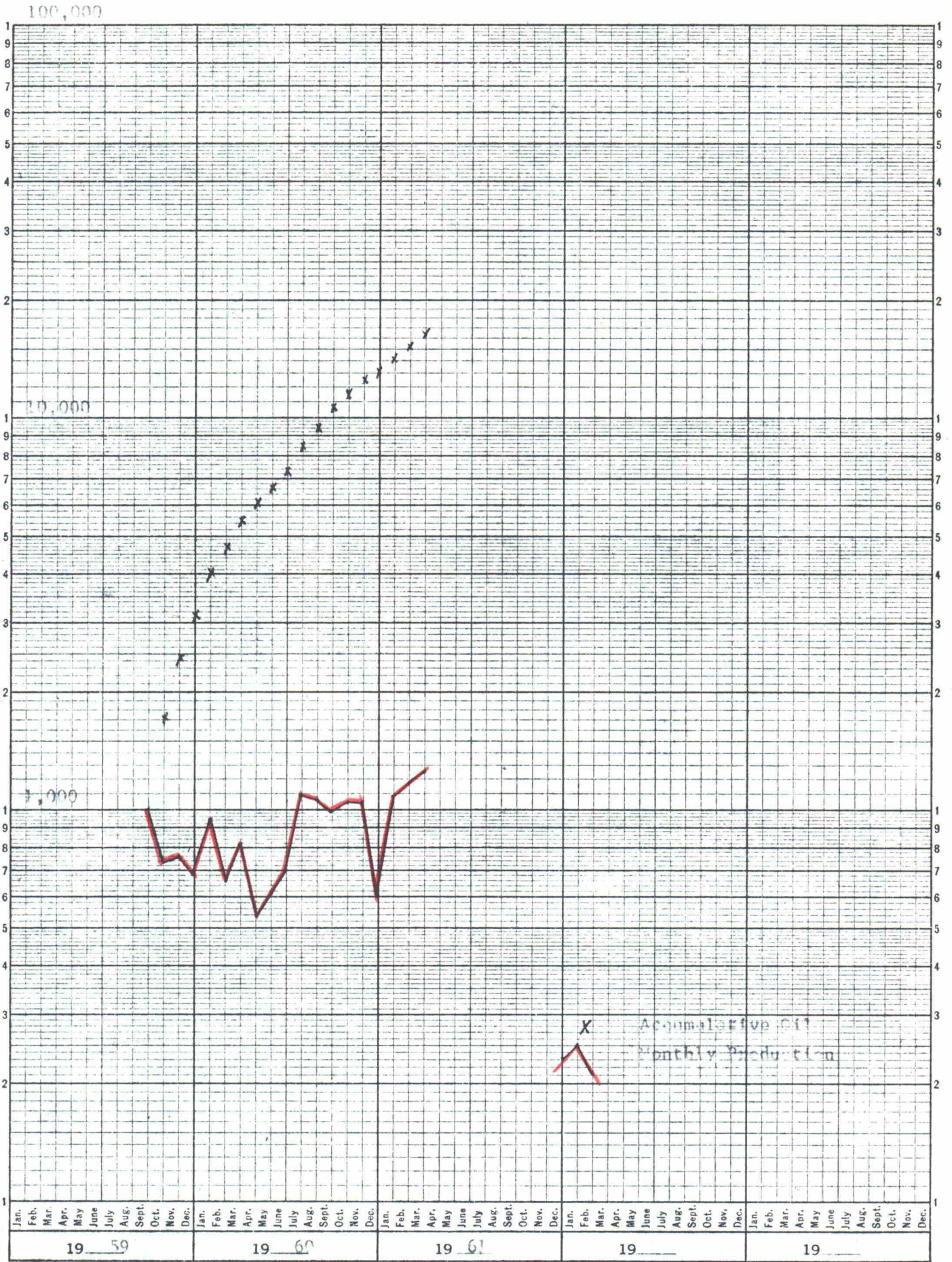
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. 19 61

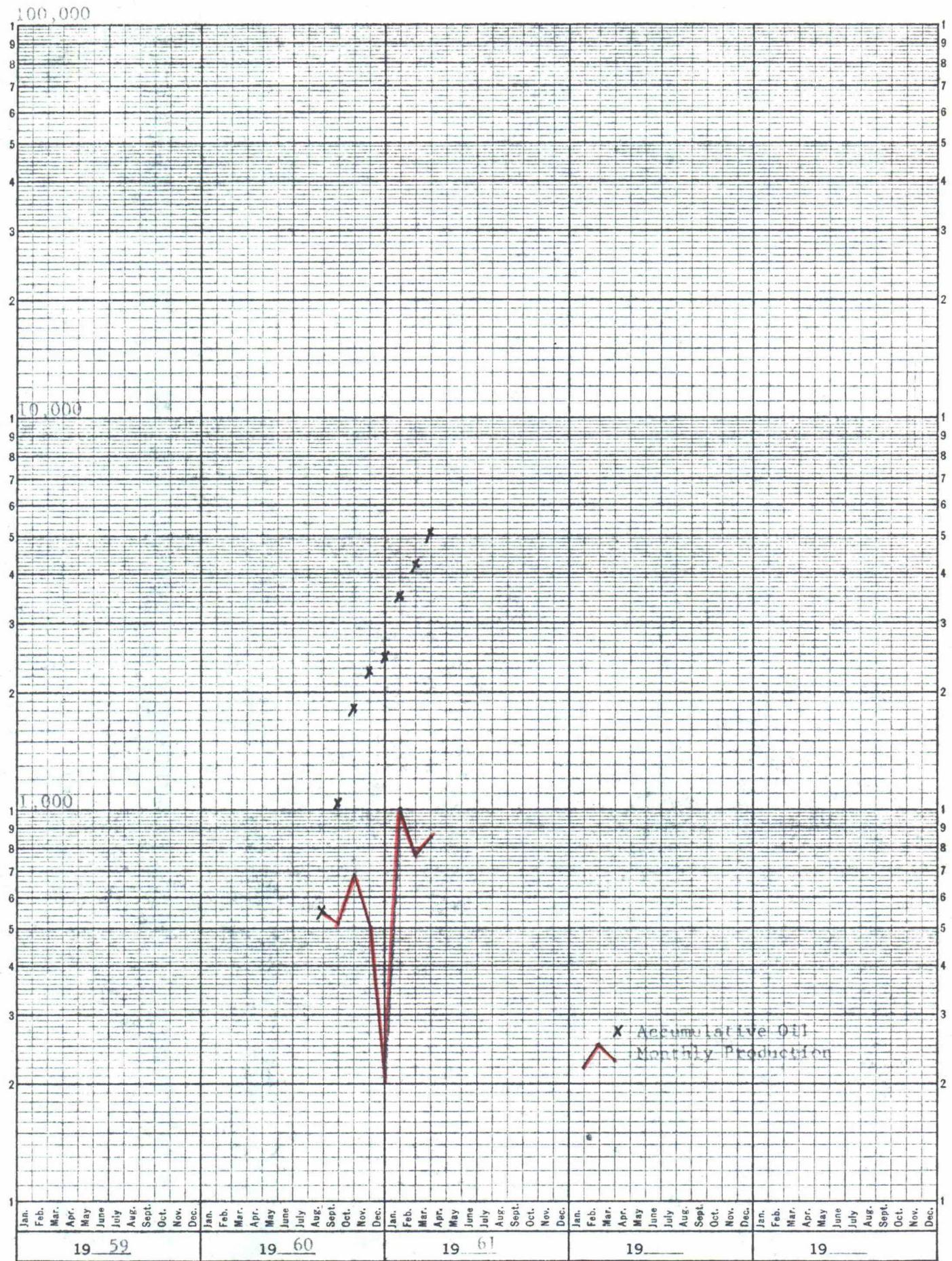
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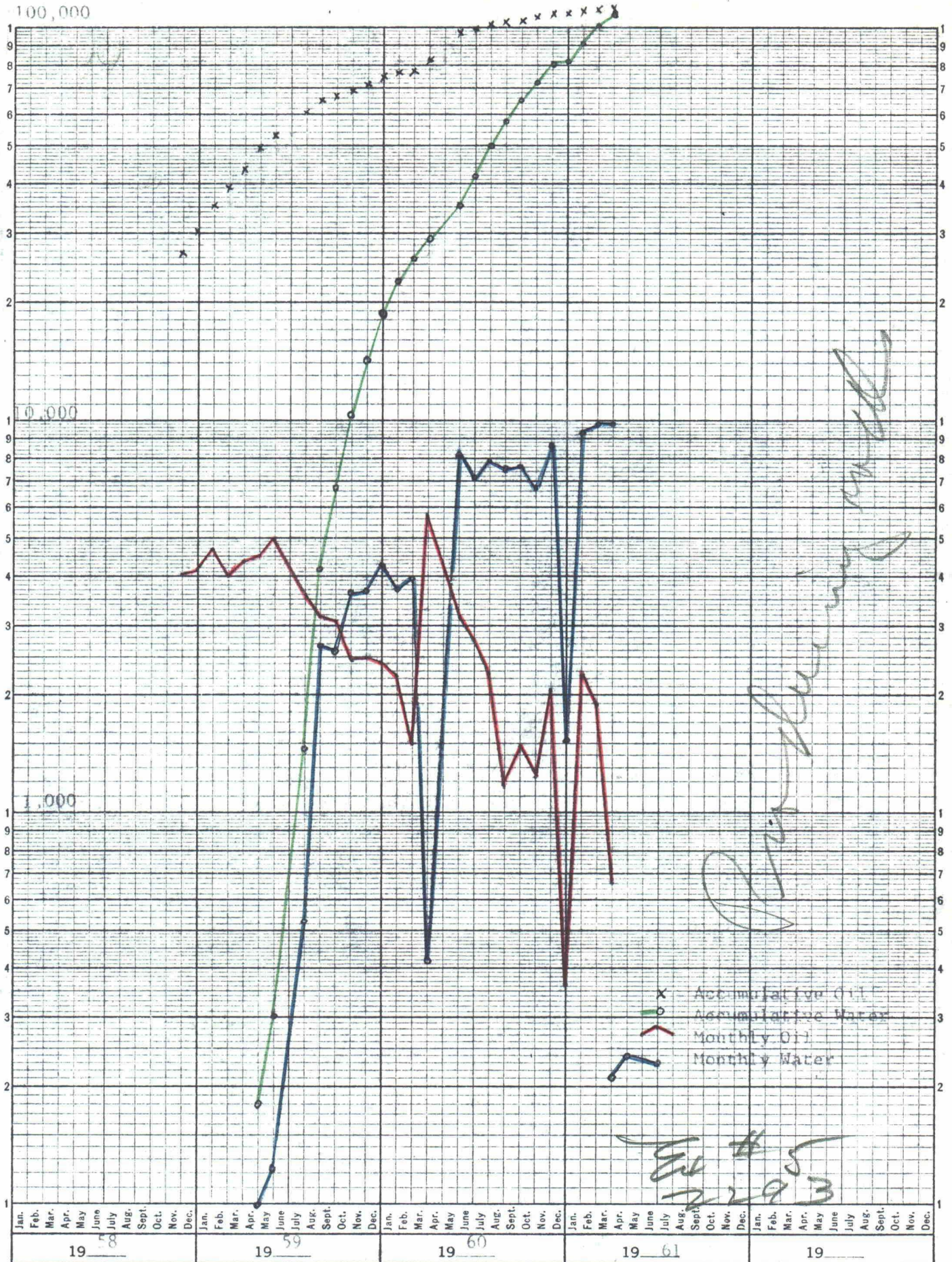
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. 19 ____

K+E
8 YEARS BY MONTHS 359-195
X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.









Oil & Water

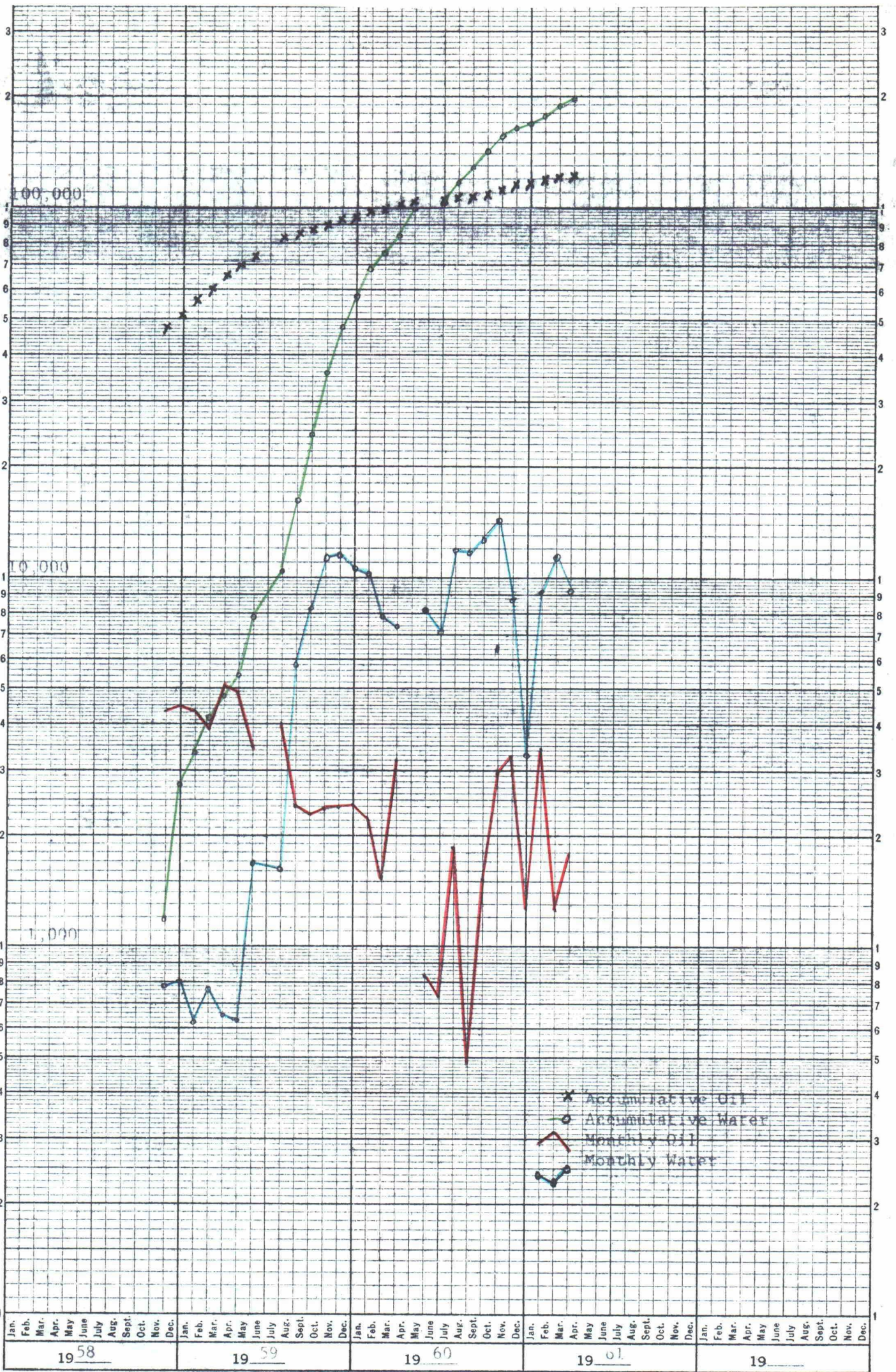
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WELL 5-3 NORTH CAPROCK QUEEN UNIT #1

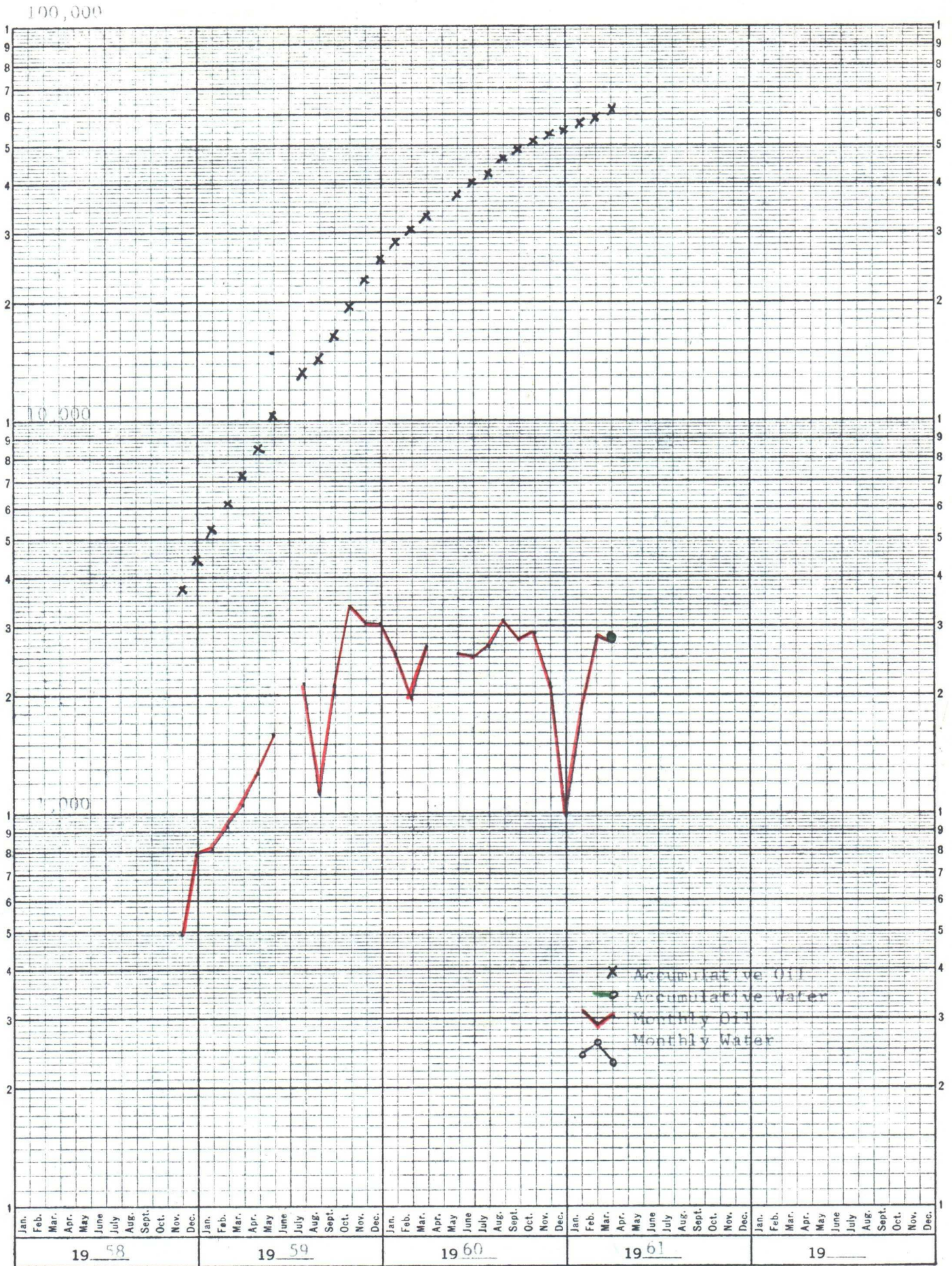
5 parts

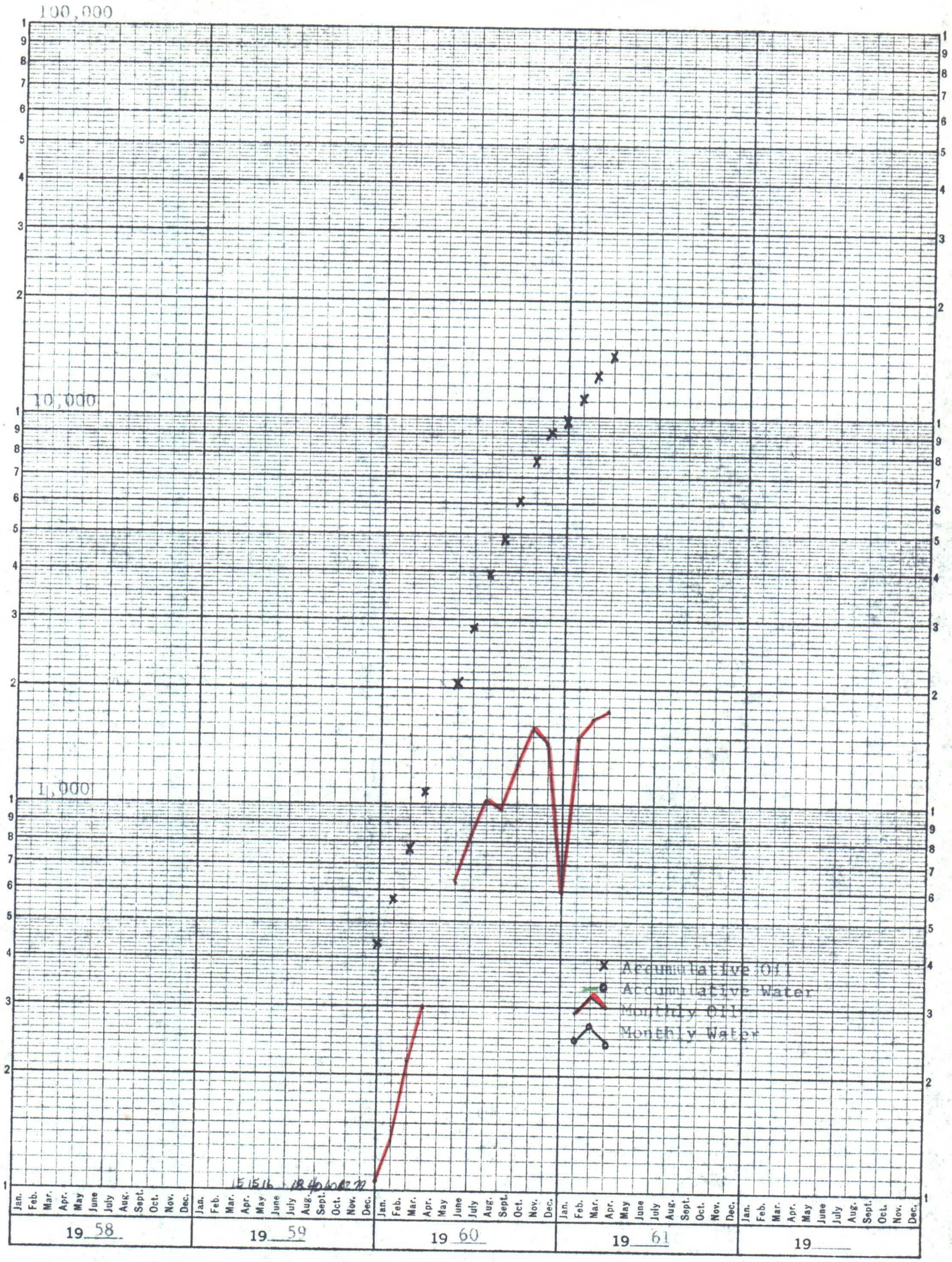


K&E 5 YEARS BY MONTHS 359-195
 X.3 CYCLES
 KEUFFEL & ESSER CO. MADE IN U.S.A.

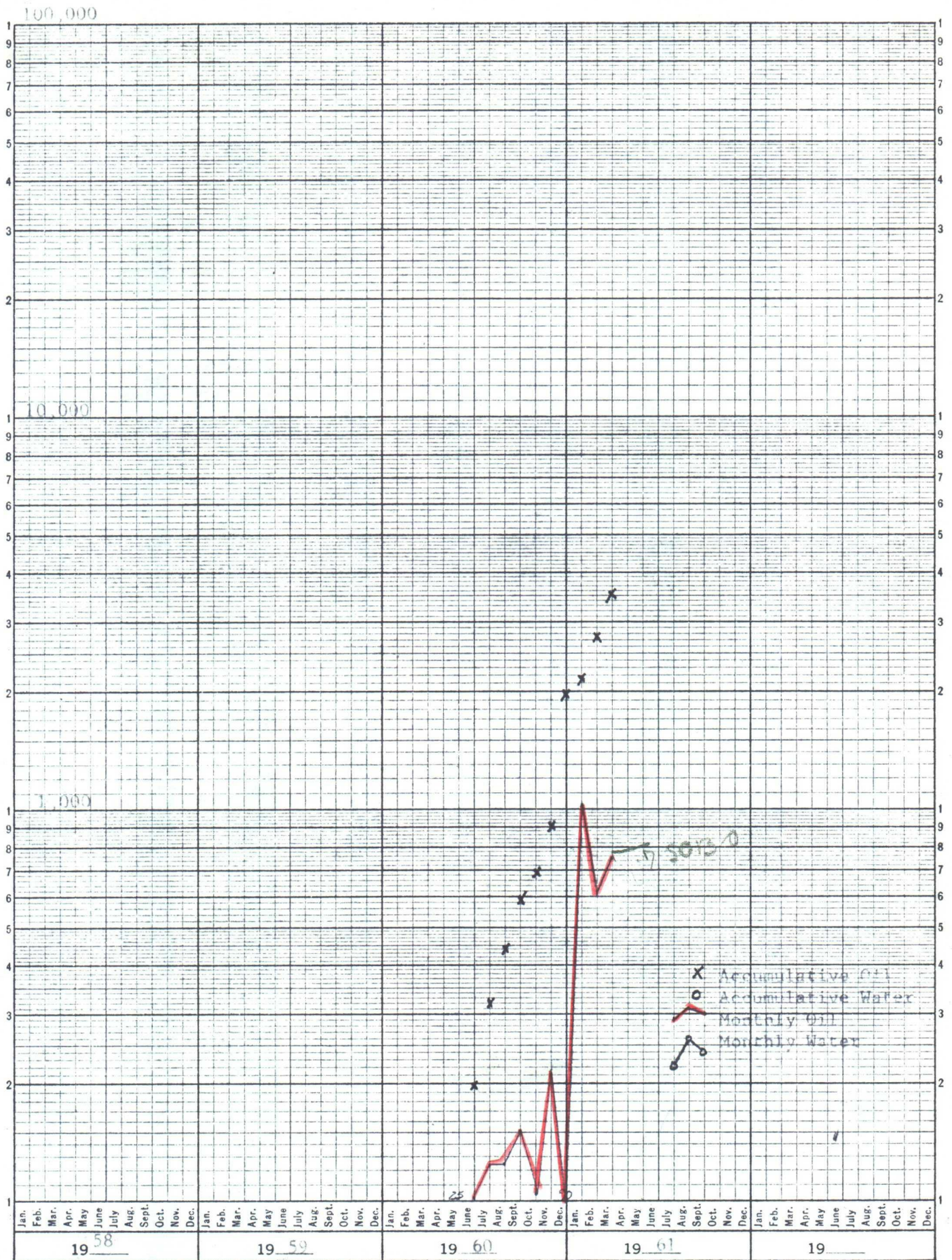


WELL 5-5 NORTH CAPROCK QUEEN UNIT #1





WELL 7-1 NORTH CARPOCK QUEEN UNIT #1



Treat-Rite Water Laboratories, Inc.

BOX 1488

MONAHANS, TEXAS

RESULT OF WATER ANALYSES

TO: Mr. J. C. Chapman LABORATORY NO. M116021
P. O. Box 1147, Artesia, N. M. SAMPLE RECEIVED 11-16-60
RESULTS REPORTED 11-25-60

COMPANY Granridge Corporation LEASE Caprock Plant #2
FIELD OR POOL Caprock Queen

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE N. M.

SOURCE OF SAMPLE AND DATE TAKEN:
NO. 1 Treated water - taken from injection pump suction. 11-16-60
NO. 2 Injection water - taken from input #7-8. 11-16-60
NO. 3 _____
NO. 4 _____

REMARKS: _____

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60 degs. F	1.0020	1.0017		
pH When Sampled	7.3	7.3		
pH When Received	7.5	7.5		
Total Alkalinity as CaCO ₃	132	132		
Supersaturation as CaCO ₃	-	-		
Undersaturation as CaCO ₃	2	2		
Total Hardness as CaCO ₃	246	250		
Calcium as CaCO ₃	213	216		
Magnesium as CaCO ₃	33	34		
Sodium and/or Potassium				
Sulfate as SO ₄	150	149		
Chloride as NaCl	89	87		
Silica as SiO ₂	14.5	14.6		
Iron as Fe	0.12	0.24		
Manganese as Mn				
Barium as Ba	none	none		
Turbidity Electric	1.2	1.9		
Color as Pt	0.75	0.75		
Dissolved Solids at 100 deg. C				
Total Solids at 100 deg. C				
Total Solids, Calculated				
Temperature Degs. F.	64	65		
Carbon Dioxide, Calculated	13.2	13.2		
Dissolved Oxygen, Winkler	7.4	6.6		
Hydrogen Sulfide	none	none		
Residual Chlorine	none	none		
Resistivity OHMS/CC at 60 Degs. F.	1,296	1,260		
Total Suspended Solids				

Date Received		NOV 26 1960	
ROUTE TO		ROUTE TO	
	DATE CHECKED		DATE CHECKED
LC		RLE	
CHR		CRA	
TAF	12/5	JLMc	
FFD		BGE	
WFE		WEW	
BGH	11/28	JWC	
Mail To:		FILE:	
Granam			arf

All Results Reported As Parts Per Million

Additional Determinations And Remarks Letter of recommendation attached.

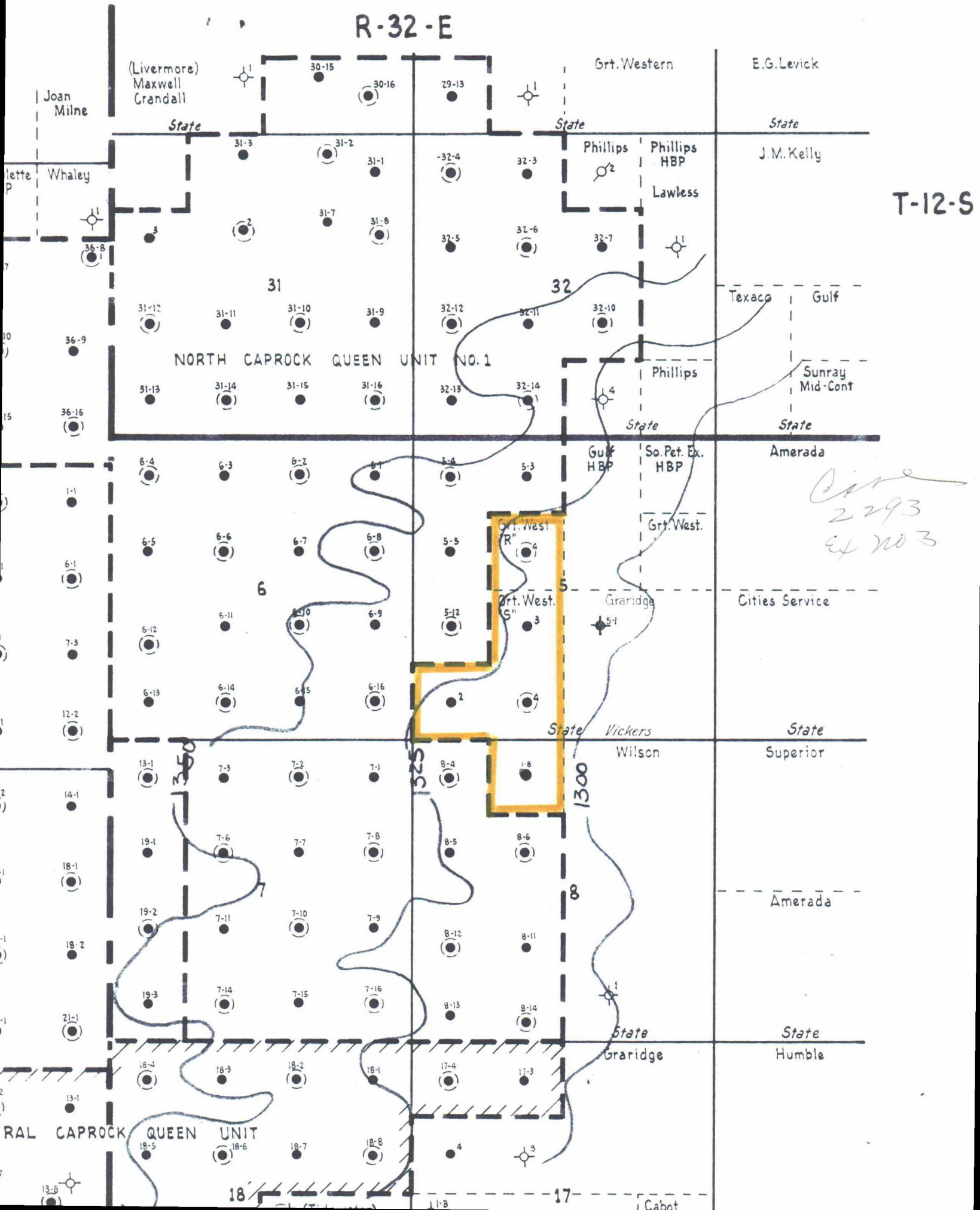
ILLEGIBLE

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 7
CASE NO. _____

cc: Bob Harrison

Waylan C. Martin, N. M.

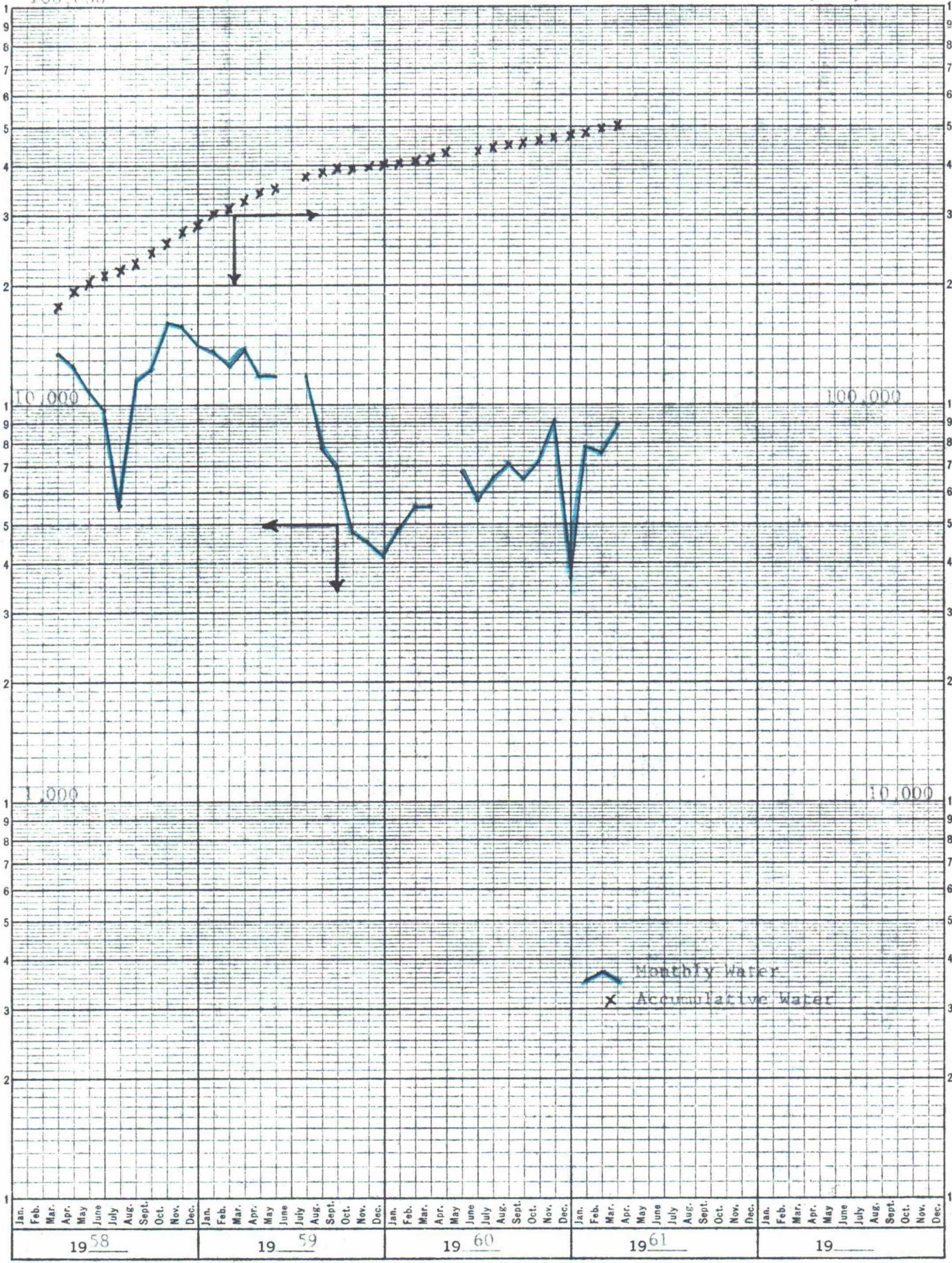
R-32-E



Card 2293
of no 4 (14 sheets)

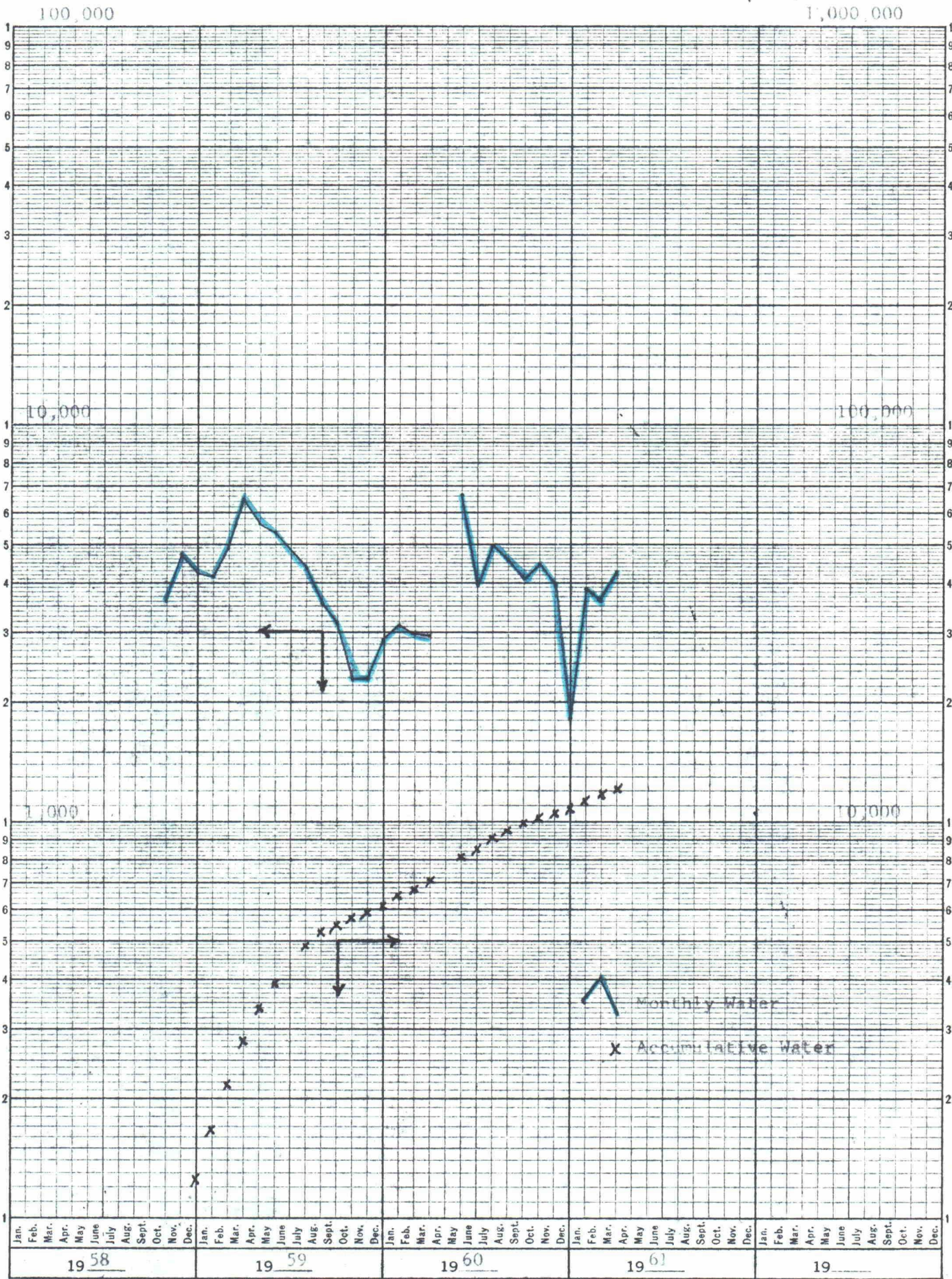
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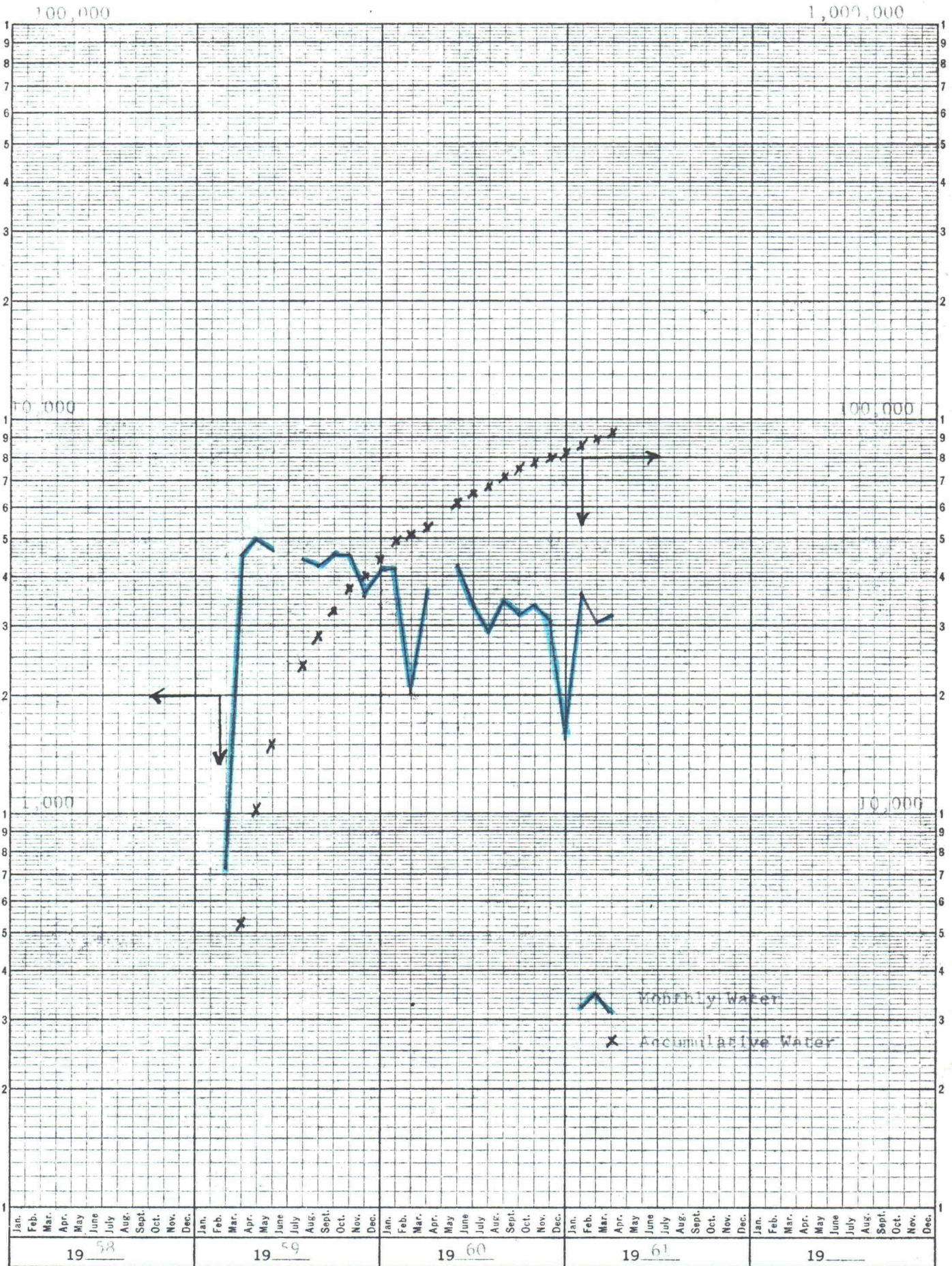
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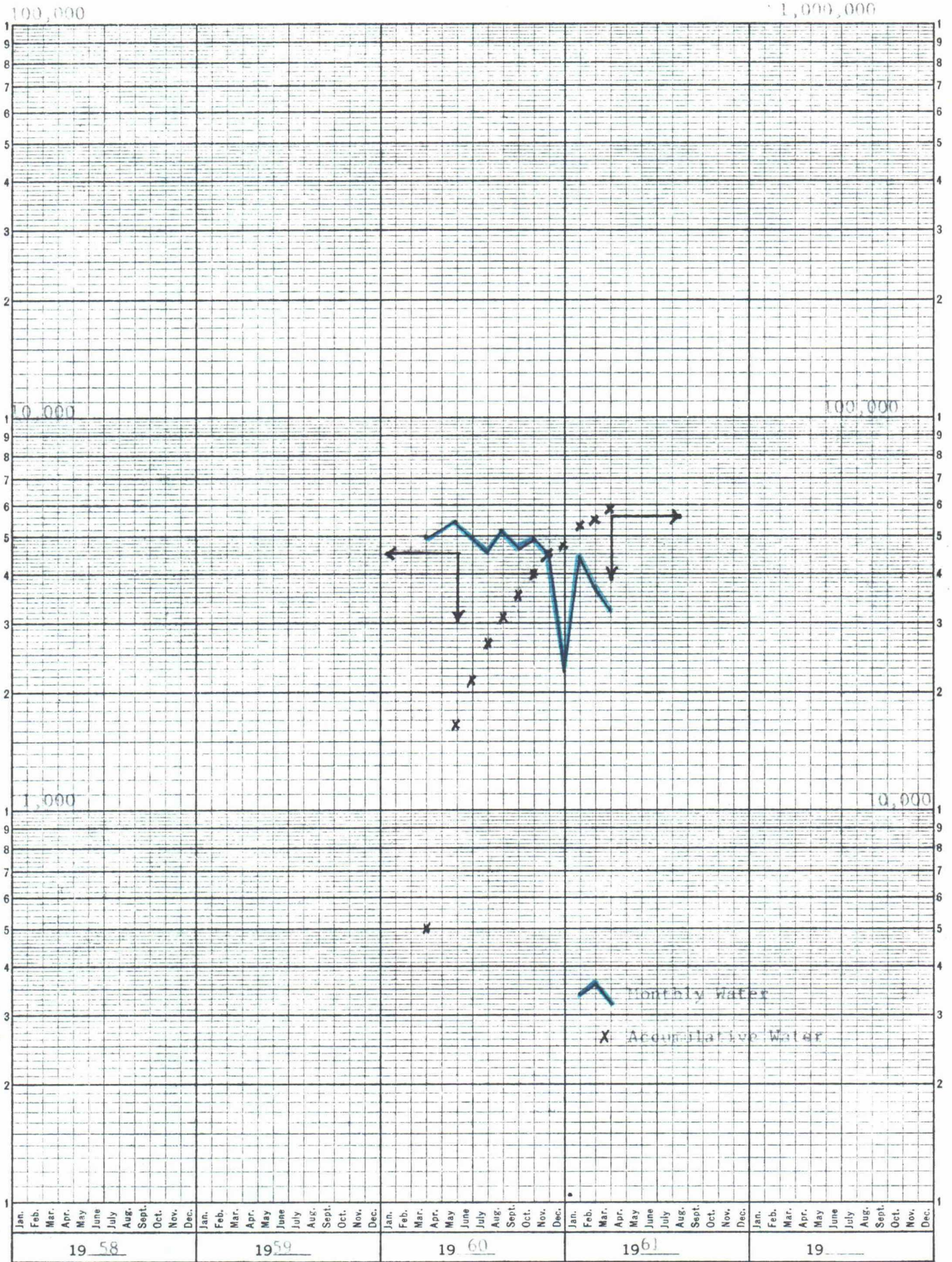


5 YEARS BY MONTHS 359-195
X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

WELL 5-4 NORTH CARROCK QUEEN UNIT #1





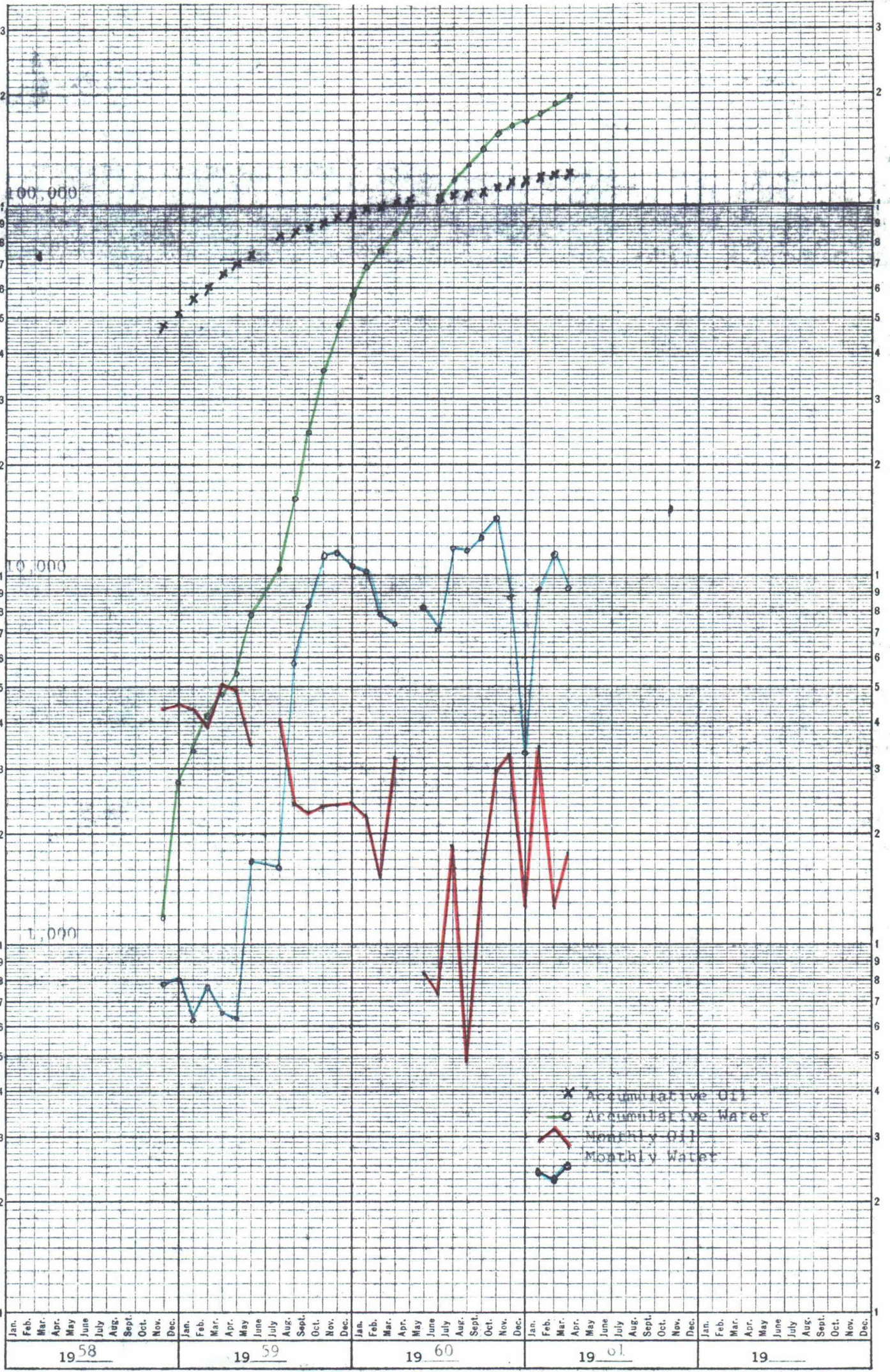




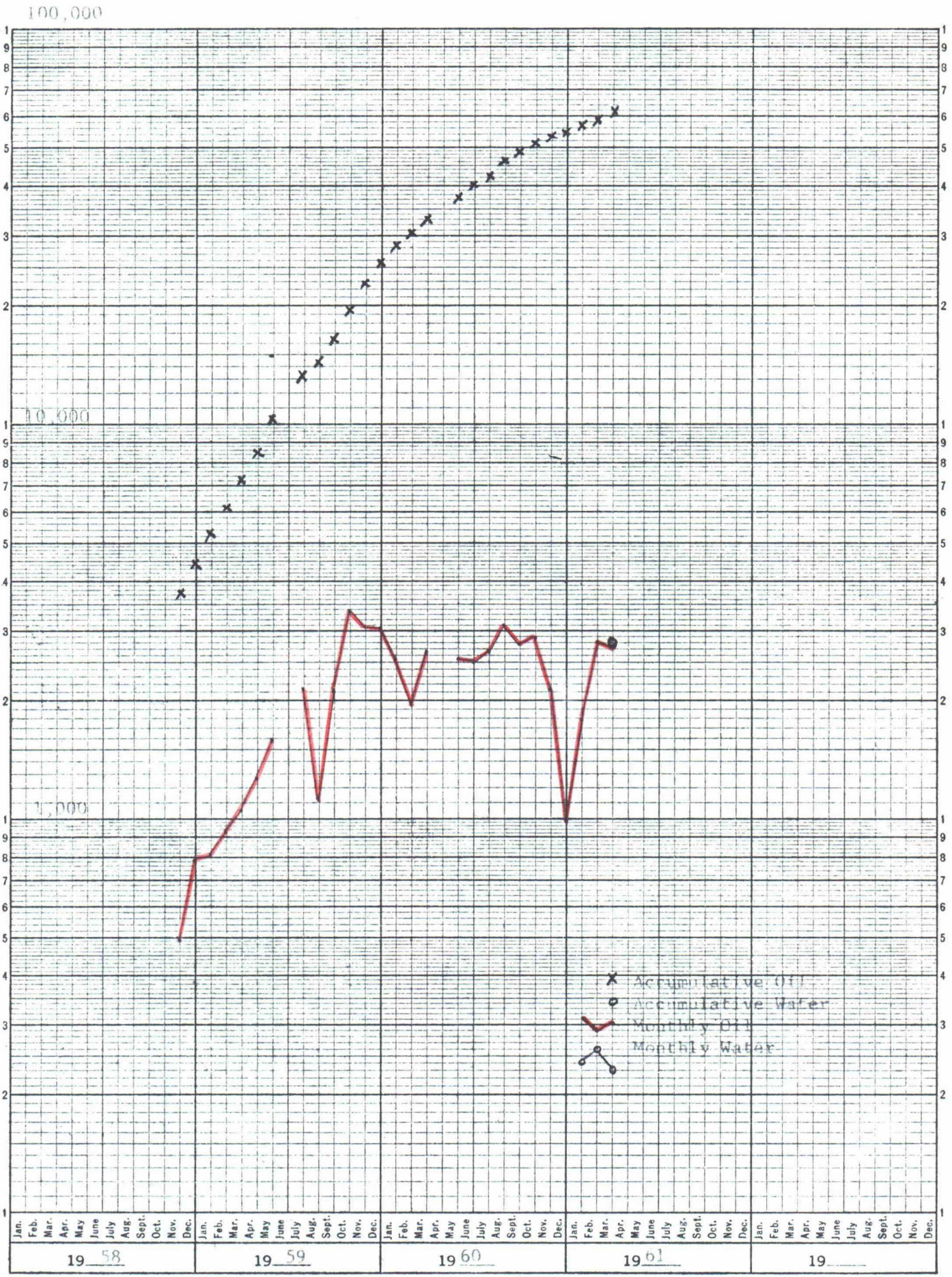
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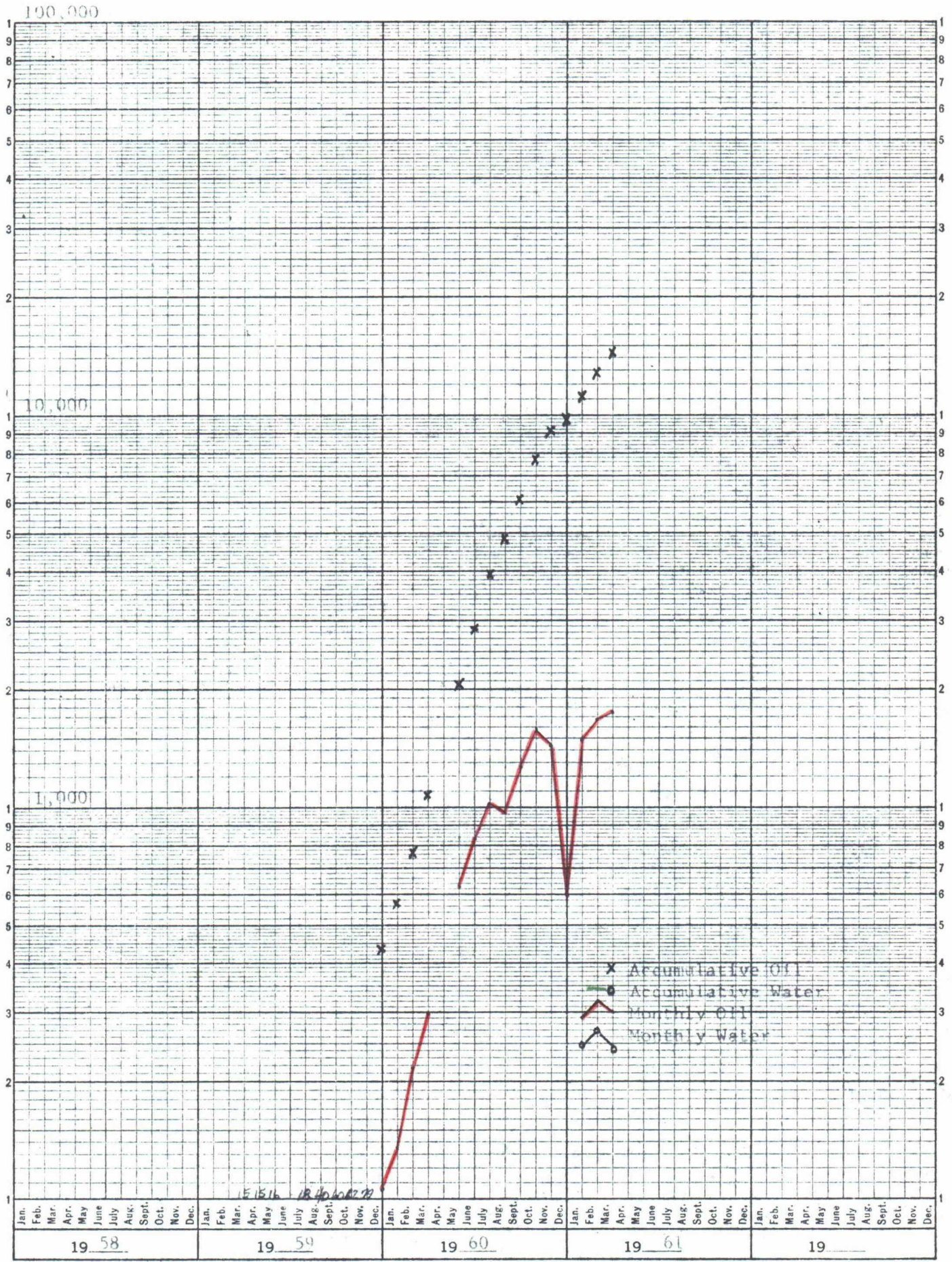


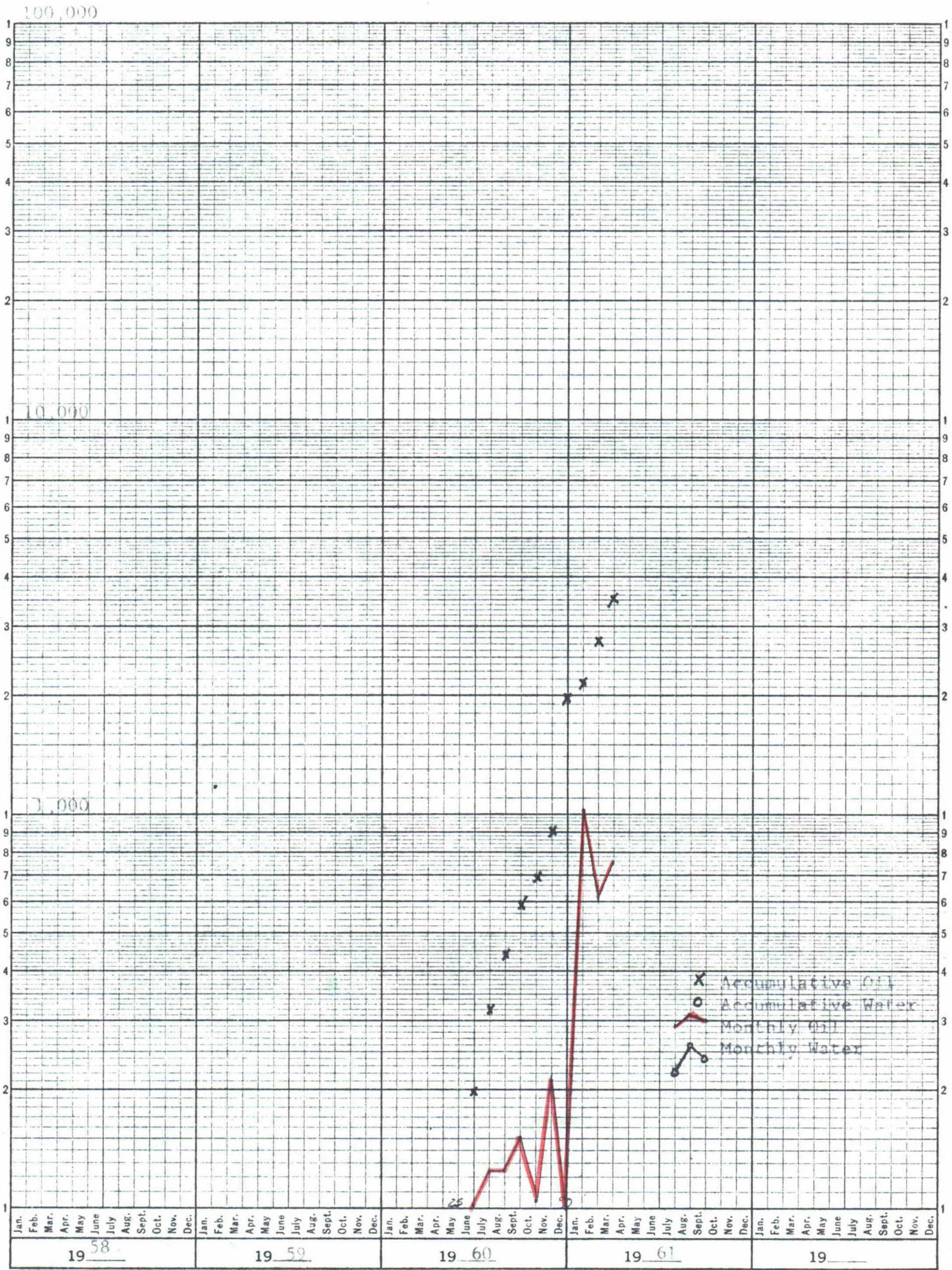
5 YEARS BY MONTHS 359-195
 X 3 CYCLES
 KEUFFEL & ESSER CO. MADE IN U.S.A.



WELL 5-5 NORTH CAPROCK QUEEN UNIT #1

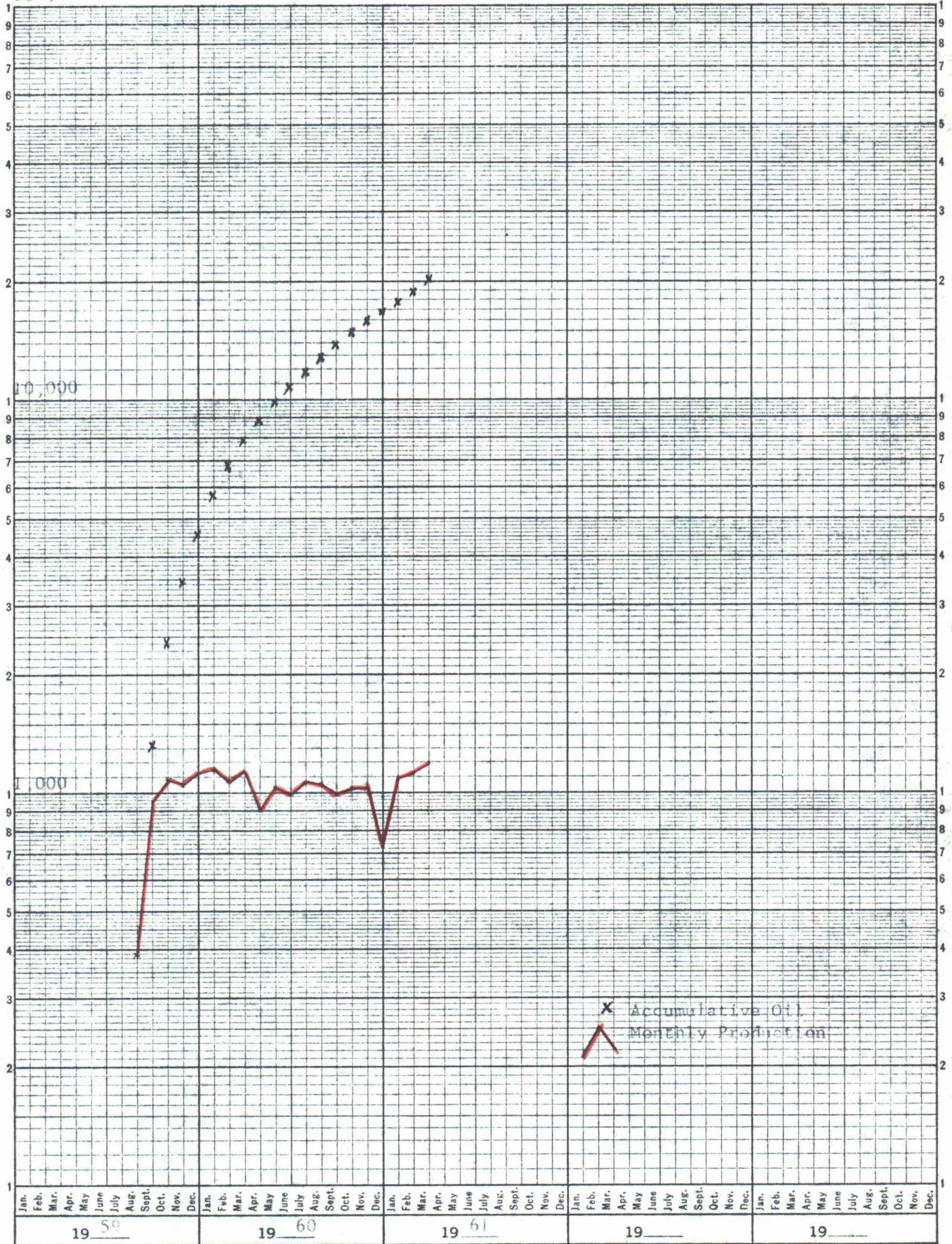




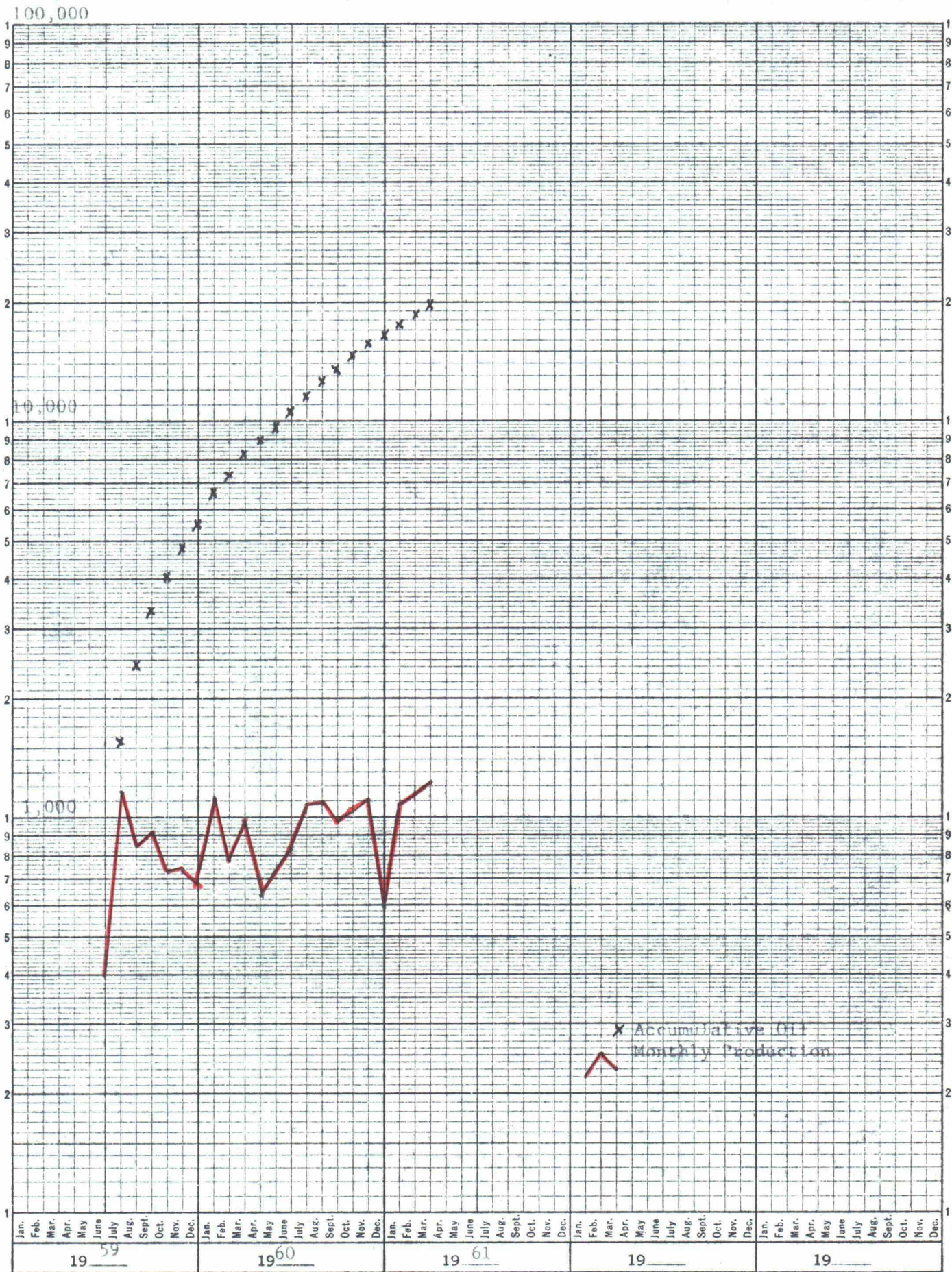


WELL 8-5 NORTH CAPROCK QUEEN UNIT #1

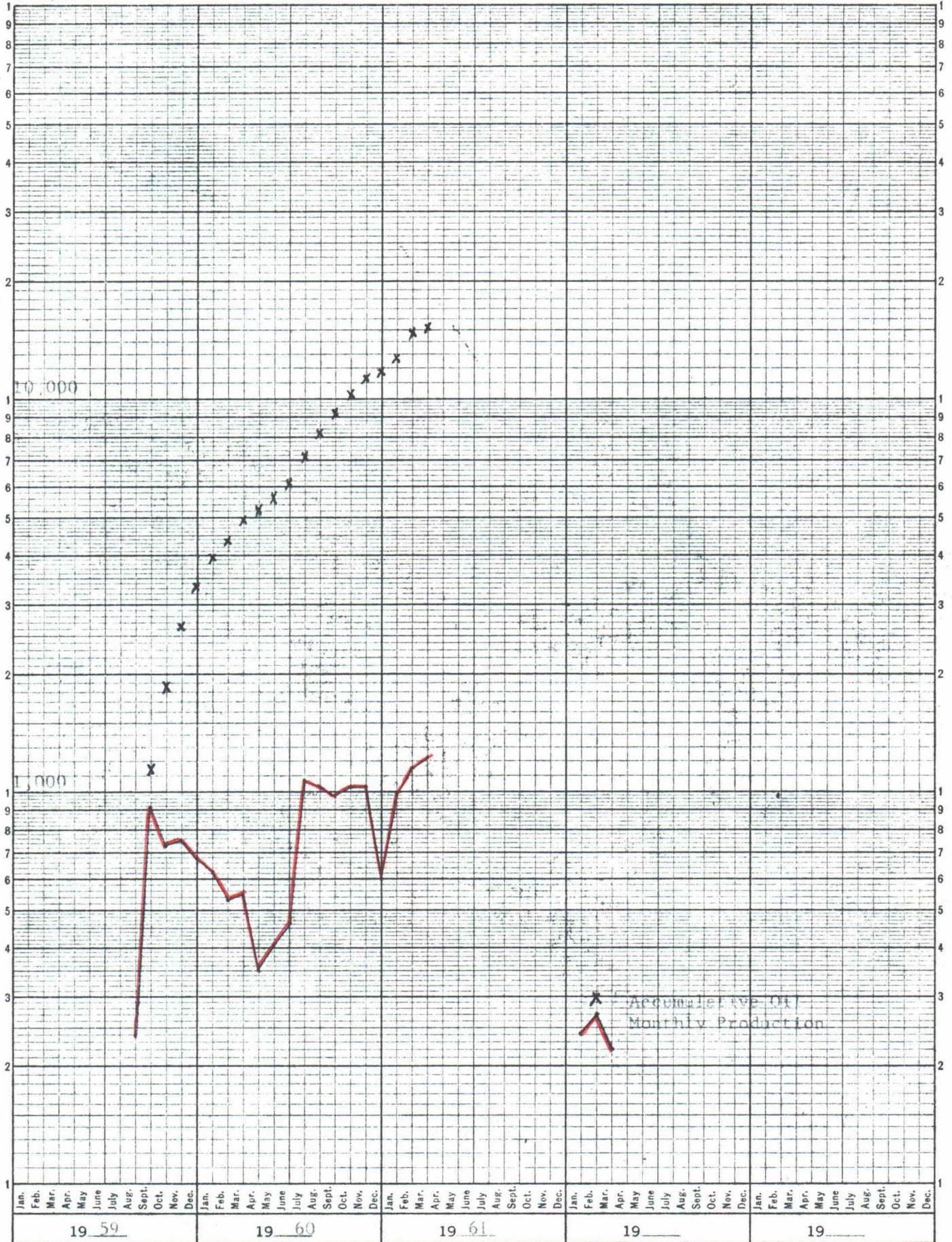
100,000



K&E 5 YEARS BY MONTHS 359-195
X-3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.



100,000



Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. 19 59 19 60 19 61 19 19

K+E 5 YEARS BY MONTHS 359-195
 X 3 CYCLES
 KEUFFEL & ESSER CO. MADE IN U.S.A.

