

APPROVED BY
BEK 11/5/81

OCT 14 1982

K2K57-1

4 DATE 2

(LOT NUMBER)

ESTIMATED WGT

1849

LBS.

TYPED BY: JMH
STANDARD HRS.

TIME 2 PM

PUNCH B.I.P.: LOT K3K57 -1 ~~9~~ 6/6 #
LOT K3K57 -2 ~~9~~ 6/6 #

PREPARATION NOTES

EQUIP MENT		NAME: MONASTRAL RED B	5 PAGES	USE LBS	N-CODE	ACCT LBS
PREP	1	INSTALL TEMP & AMP CHARTS				
1	2	WEIGH +/-600# OF RC-1/RC-3 BORAX SLUDGE FOR S5				
	3	DIP LIQUID FROM SLUDGE & ADD TO CLASSIFIER INTAKE				
	4	OBTAIN +/-200# CHOPPED ICE FOR S13-B				
HF MILL	5	SHOVEL 600# OF BORAX SLUDGE (EQUIVALENT TO +/-300# 100% BROAX) INTO HF MILL. NOTE:				
2		TOTAL WEIGHT INCLUDES LIQUID REMOVED IN S3.				
	6	ADD	18	834-B	0	
	7	START COOLING WATER SPRAY & AGITATOR				
	8	STIR 3-5 MIN TO UNIFORMITY				
	9	STOP AGITATOR & DUMP IN. NOTE: RECORD LOT, %100%, & "AS IS LBS" IN S35.	130	7500-A	0	
	10	STIR 3-5 MIN TO UNIFORMITY				
	11	ADD IN 5-10 MIN WHILE AGITATING	300	972-A	0	
	12	IMMEDIATELY START MILLING CYCLE				
	13	STIR FOR HOURS SHOWN BELOW MAINTAINING 38-42 AMPS & 110-130 DEG F.				
		N-7500-A LOT	MILLING HOURS			
		<i>any</i>	<i>S.D</i>			
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		A. AFTER 1/2 HR MILLING ADD N-972-A OR TRICKLE IN WATER TO MAINTAIN 38-42 AMPS. DO NOT ADD N-972-A AT LESS THAN 10 MIN INTERVALS. RECORD ADDITIONAL N-972-A USED IN S35.				
		B. IF NECESSARY, ADD N-57-A TO MAINTAIN 110-130 DEG F.				
		C. IF CAKE FORMS, STOP AGITATOR, SCRAPE MILL WALL TO PERMIT HEAT TRANSFER.				
		D. RECORD NECESSARY DATA IN S19, 20, 35 AND PAGE 5.				

OCT 26 1982

[Signature]

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10/25

EQUIP MENT		PAGE 3 OF 5 CG 16 CODE RC-1-A (C)	USE LBS	N-CODE	ACCT LBS
13/14 .8	23	PUMP 2 CHARGES FROM HF MILLS TO V13 OR V14			
	24	WASH OUT HF MILLS, WITH HEATED WATER FROM V11			
	25	ADJ TO 24" (408G) AT 140-150 DEG F			
	26	IMMEDIATELY COOL TO 75-80 DEG F	6X330	57-A	0
	27	RECORD DATE ON BOTTOM OF PAGE 5			
CLASS 9	28	BACK WASH LINES FROM CLASSIFIERS TO V-13 OR V-14			
	29	PLACE 55 GAL DRUM UNDER SLUDGE DISCHARGE & START MOTOR			
	30	OPEN INLET VALVE & RUN V-13 OR V-14 THRU CLASSIFIER TO V-10 AT 2.5-3.0 GPM			
	31	WHEN DRUM CONTAINS +/-45G OF SLUDGE, CHANGE DRUM, WEIGH & RECORD IN TABLE ON BOTTOM OF PAGE 5			
	32	WHEN V-13 OR V-14 IS MT, CLOSE FEED VALVE & BACKWASH LINE TO VAT FOR 1/2 MIN.			
	33	OPEN FEED VALVE & DRAIN VAT TO CLASSIFIER, DO NOT WASH IN VAT. NOTE: 4 OR FEWER HF MILL CHARGES MAY BE RUN FROM V-13 OR V-14 TO V-9 OR V-10, WITHOUT TREATMENT OR CLASSIFICATION. RECORD: CHARGE NO. _____			
MISC 10	34	REPEAT S'S 1-33 UNTIL 14 CHARGES ARE COLLECTED. *****CAUTION***** AFTER 9TH CHARGE WATCH VOLUME IN V-10.			
*****CONTINUE TO NEXT PAGE FOR CHART*****					

EQUIP MENT PAGE 4 OF 5 CG 16 CODE RC-1-A (C) USE LBS N-CODE ACCT LBS

MISC 11 35 CHARGE OUT RAW MATERIALS BELOW

		RECORD		SLUDGE		N		N-7500-A			
		#		#		#		#			
CHG	MILL	N834	AS	#	972	#	AS	#	OPTR		
NO.	NO.	#	IS	100%	#	LOT	100%	%	IS	N57A	#
1	1	18	600	300	300	6110	130	99.9	130	2310	58
2	2	18	600	300	300	6110	130	99.9	130	2310	58
3	1	18	600	300	300	6110	130	99.9	130	2310	105
4	2	18	600	300	300	6110	130	99.9	130	2310	105
5	1	18	600	300	300	6106	130	98.8	132	2310	166
6	2	18	600	300	300	6106	130	98.8	132	2310	166
7	1	18	600	300	300	6111	130	99.9	130	2310	101
8	2	18	600	300	300	6111	130	99.9	130	2310	101
9	1	18	600	300	300	6106	130	98.8	132	2310	27
10	2	18	600	300	300	6106	130	98.8	132	2310	27
11	1	18	600	300	300	6106	130	98.8	132	2310	58
12	2	18	600	300	300	6106	130	98.8	132	2310	58
13	1	18	600	300	300	6108	130	99.6	131	2310	105
14	2	18	600	300	300	6108	130	99.6	131	2310	105
TOT											

972-A 4200
834-B 252
7500-A 1836
57-A 16120

36 ENTER RAW MATERIAL TOTALS IN 'ACCT LBS' COLUMN

V-10 12 37 HEAT V-10 TO 150-160 DEG F

V-9 13 38 PUMP V-10 TO V-9 CAUTION DO NOT OVERFLOW V9
39 START AGITATOR
40 ADJ TO +/-50" MAINTAINING 150-160 DEG F
41 RINSE IN V-10 & V-10 LINES
42 CIRCULATE THRU SHRIVER THICKENERS TO 50' (2220G) AT 150-160 DEG F
43 RECORD: START DATE 10-21-82 TIME 10:00 AM VOL 50
44 CIRCULATE UNTIL EFFLUENT REACHES 4000 OHMS
45 RECORD: FINISH DATE 10-22 TIME 2:30 PM
OHMS _____ PH _____ (8.4-9.0)
TIME _____
OHMS _____
TIME _____
OHMS _____
NOTE: AFTER 16 HRS WASHING TAKE OHM READINGS EVERY 4 HRS
46 SHUT OFF WATER & STOP CIRCULATION PUMP

EQUIP MENT	PAGE 5 OF 5 CG 16 CODE RC-1-A (C)	USE LBS	N-CODE	ACCT LBS
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V-201	47	PUMP V-9 TO V-201		
14	48	WASH IN V-9 WITH MIN AMOUNT OF WATER		

V-9	49	RUN 10" (450G) WATER INTO V-9		
15	50	HEAT TO 158-162 DEG F		
	51	RECIRCULATE THRU SHRIVER THICKENERS FOR 15 MIN OR UNTIL EFFLUENT IS CLEAR		

201	52	ADD & STIR 10 MIN TO DISSOLVE		
16				

	707-B	
157		157

304	53	RUN 30" (366G) WATER INTO V-304 & TURN ON AGITATOR		
17	54	ADD & STIR TO DISSOLVE FOR S55		

103	3-A	103
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201	55	RUN V-304 INTO V-201 IN 5-10 MIN		
18	56	STIR 10 MIN & RECORD: PH. 8.8 (8.3-8.9)		
	57	FLOOD TO 88" (5210G) & STOP AGITATOR		

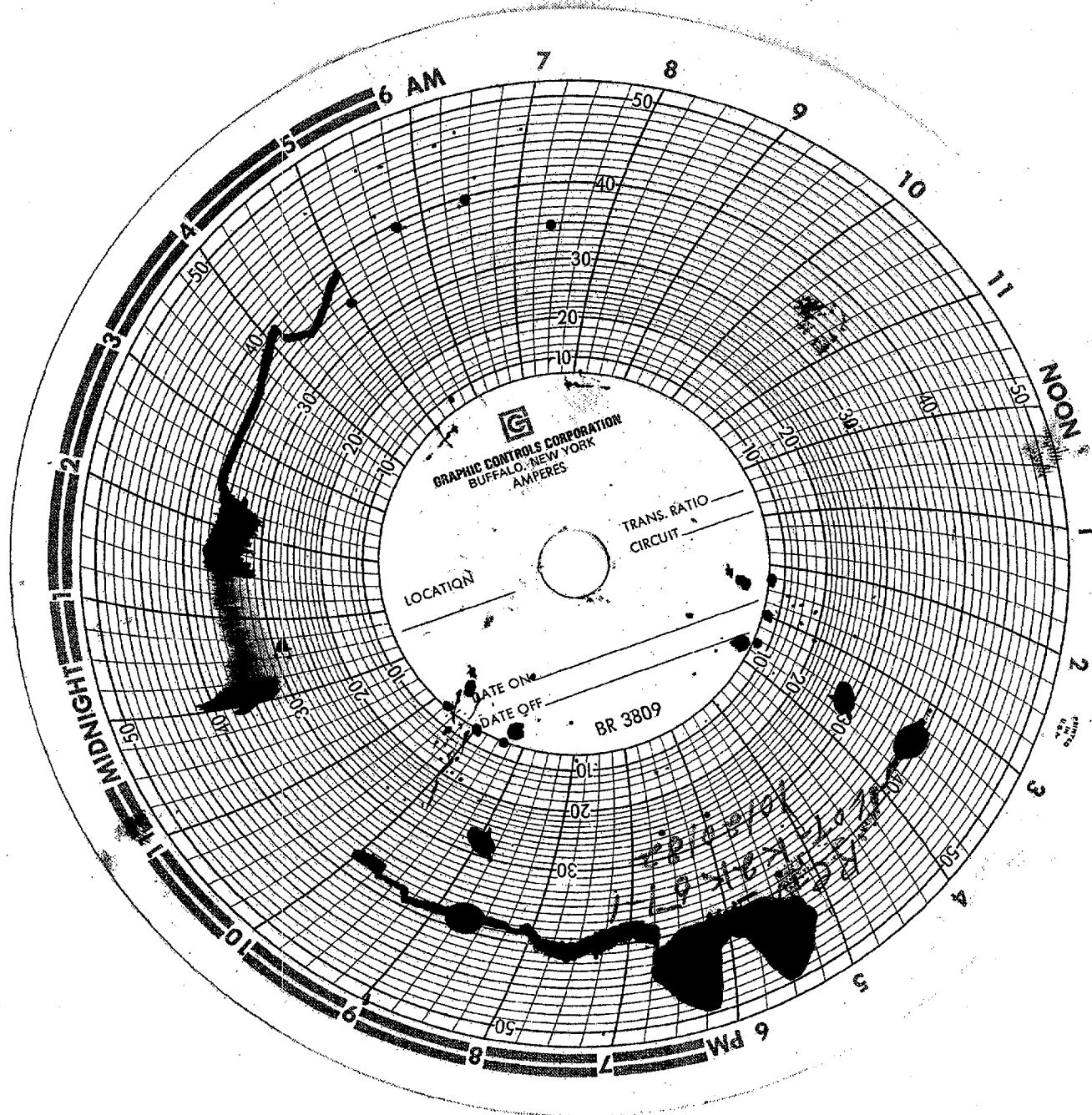
START	FIN	OPTR
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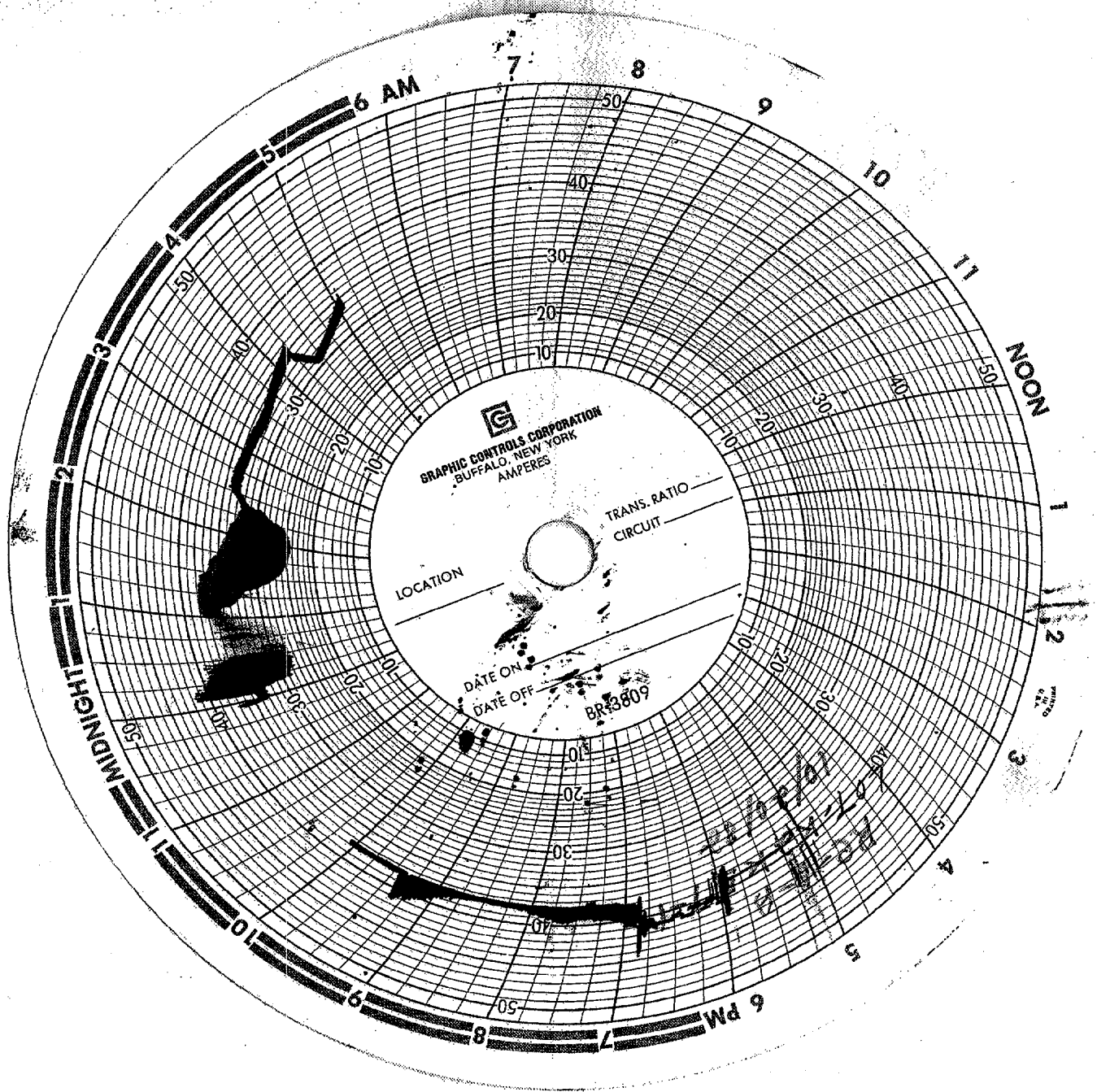
2 AM

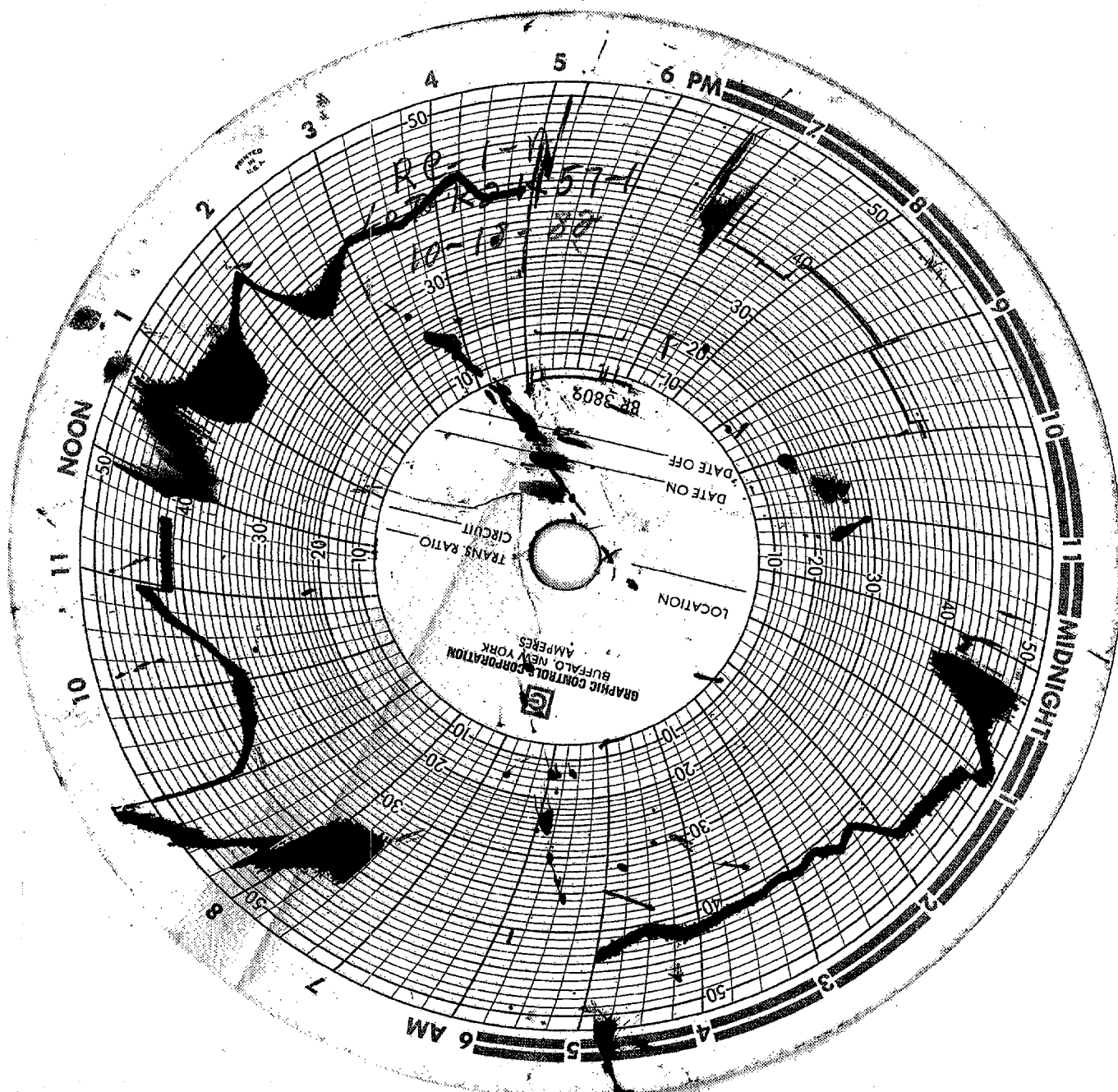
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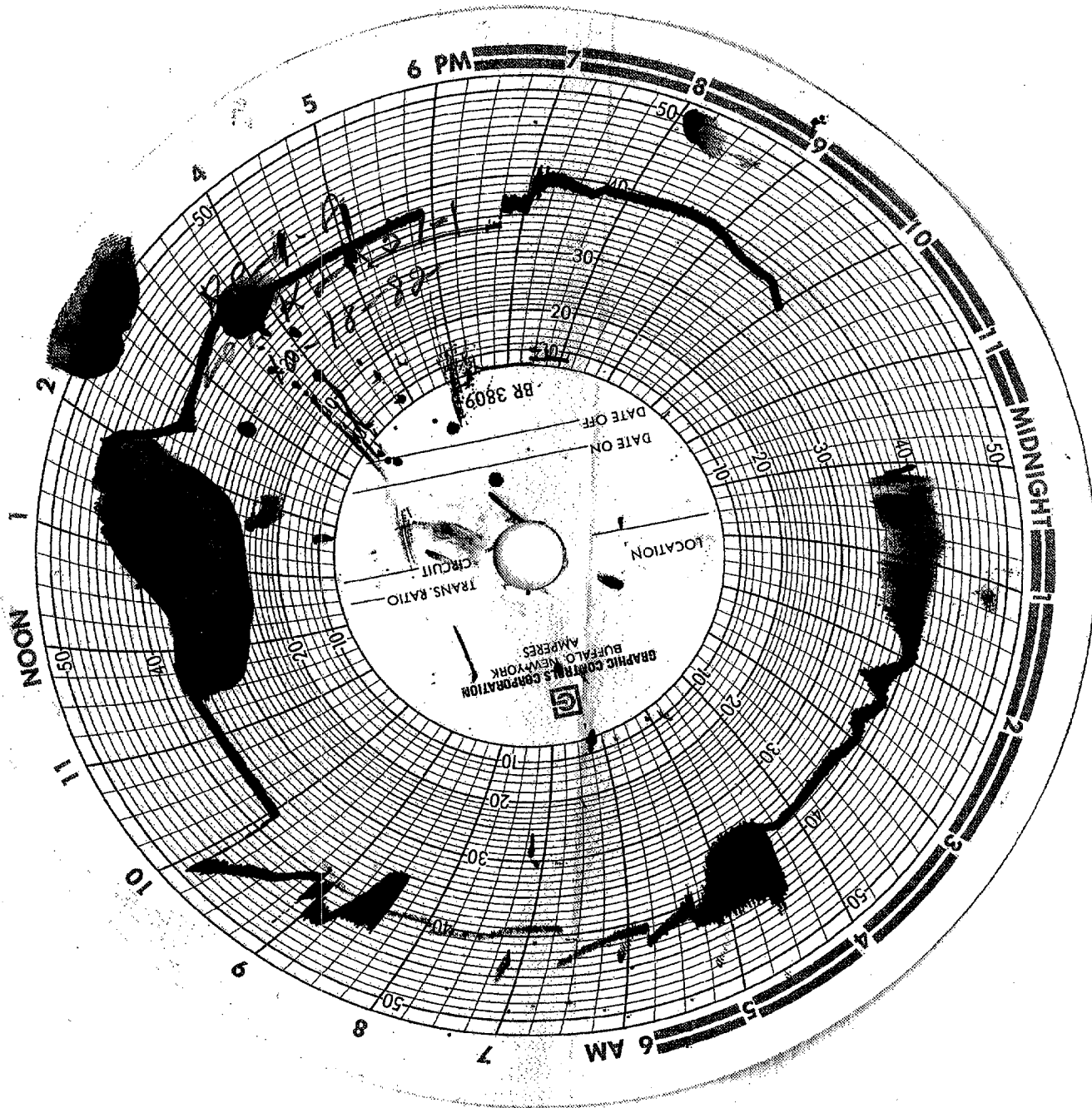
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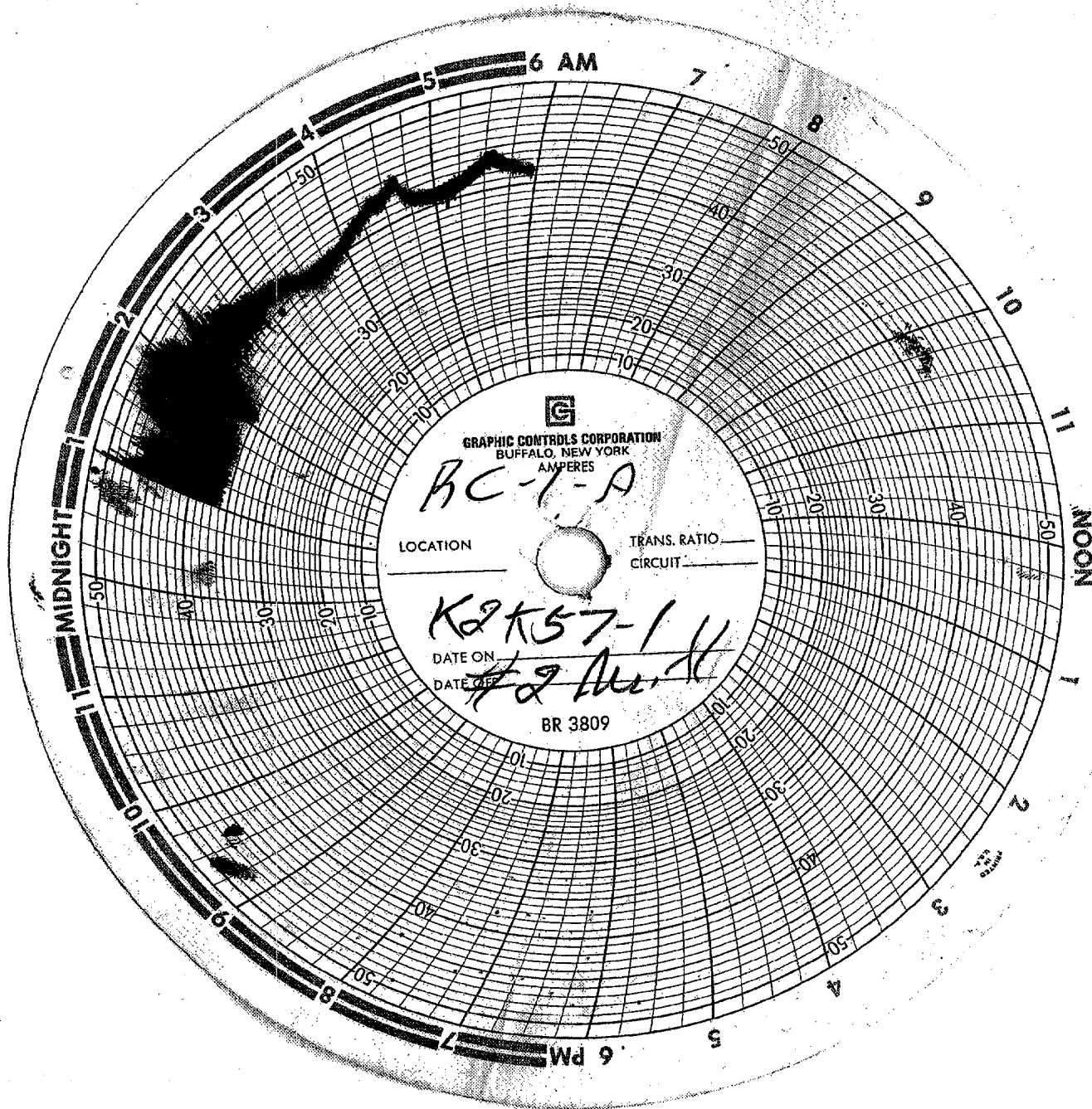
CHG NO.	VAT	VOLUME INIT	FINAL TEMP	N-57 USED	SLUDGE CLASS
1&2					
3&4					
5&6					
7&8					
9&10					
11&12					
13&14					

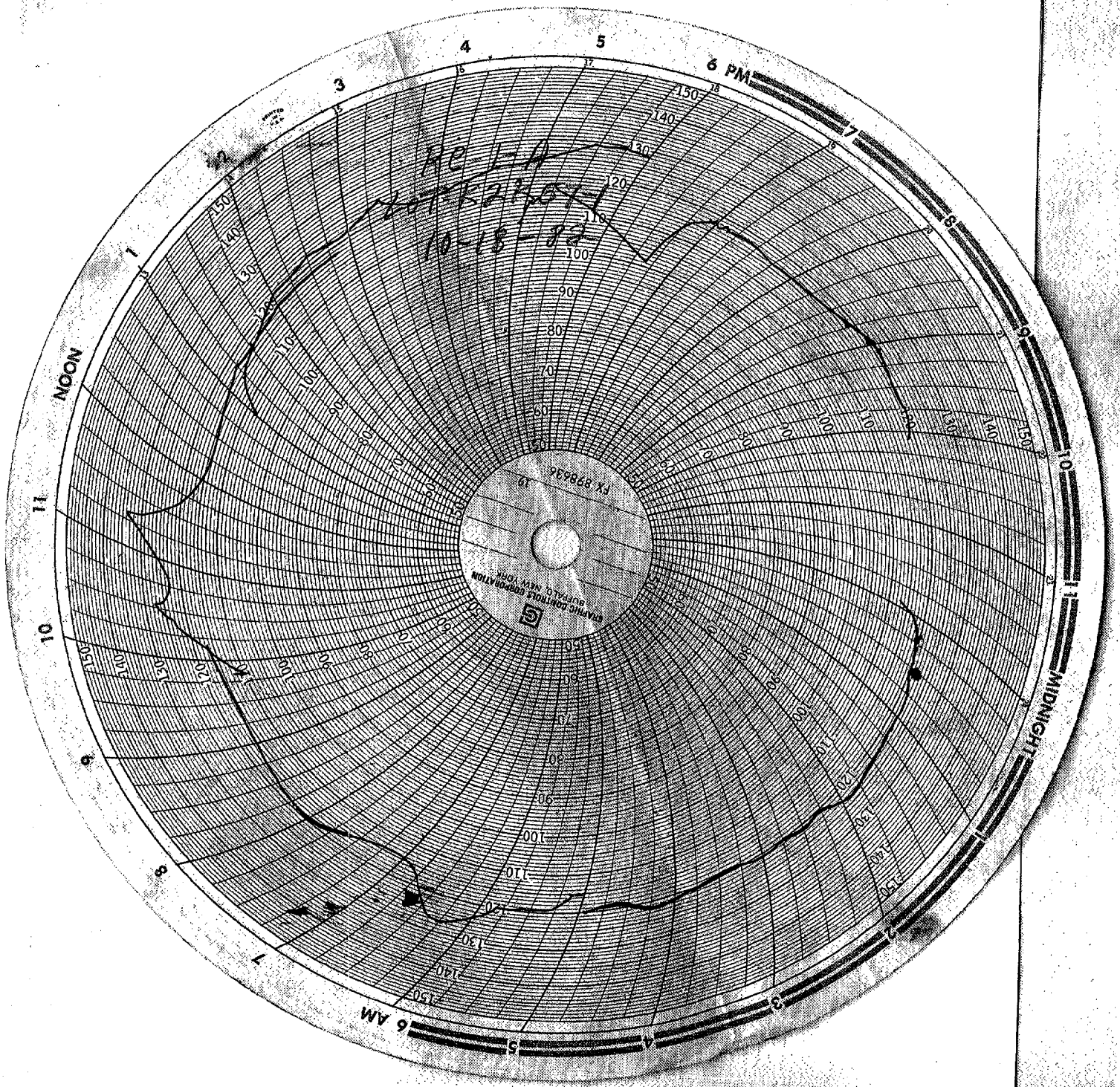


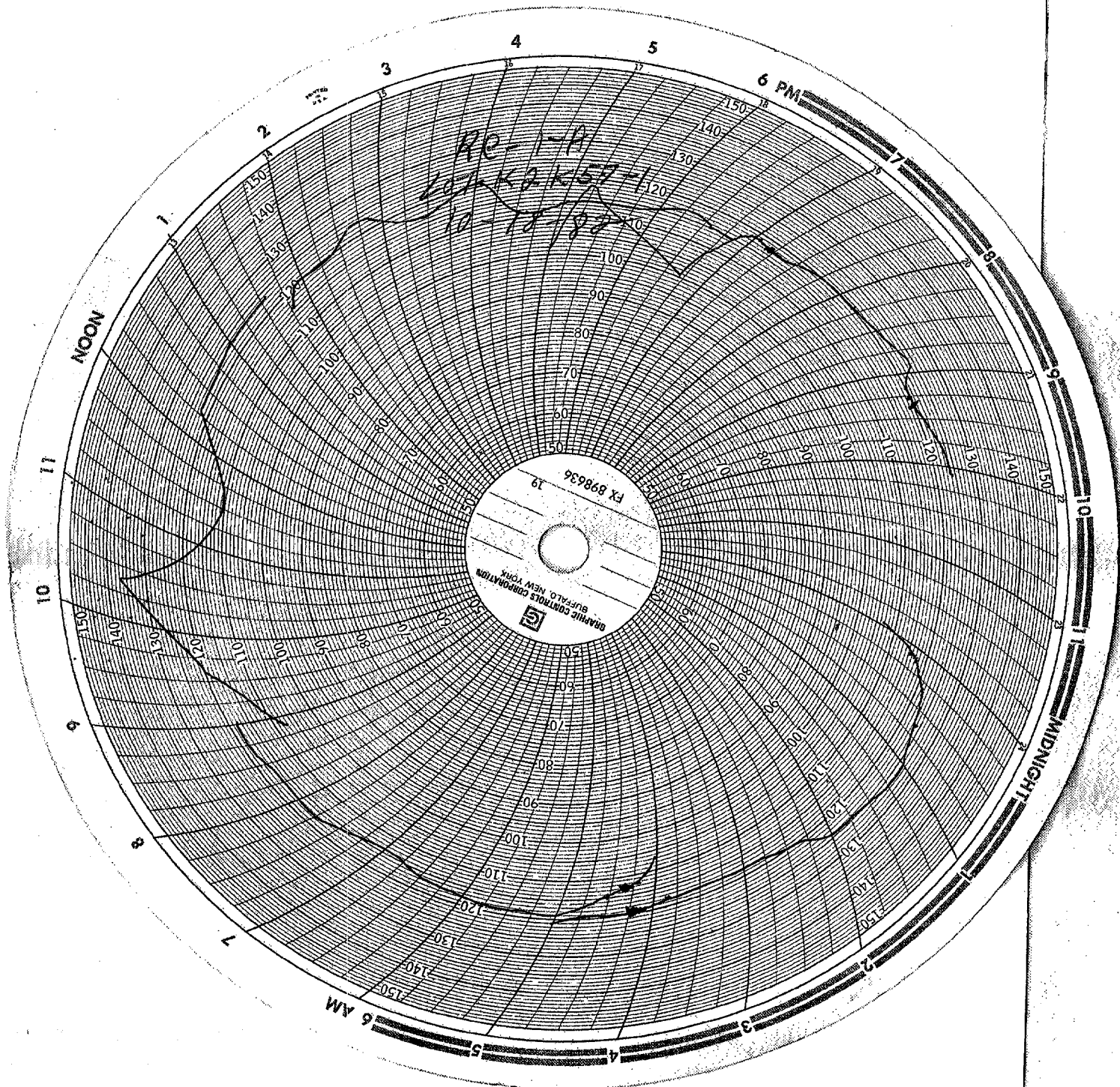


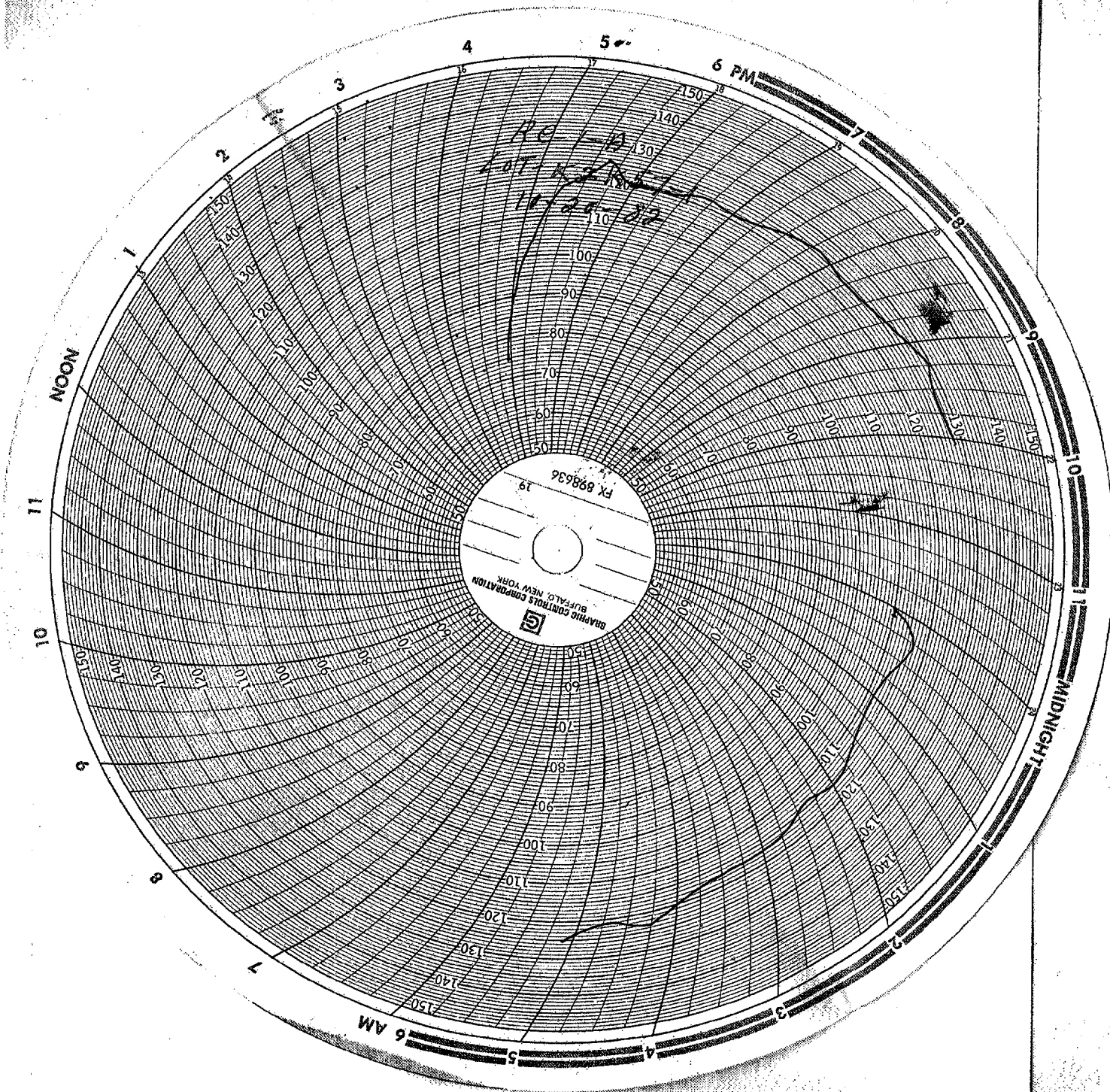




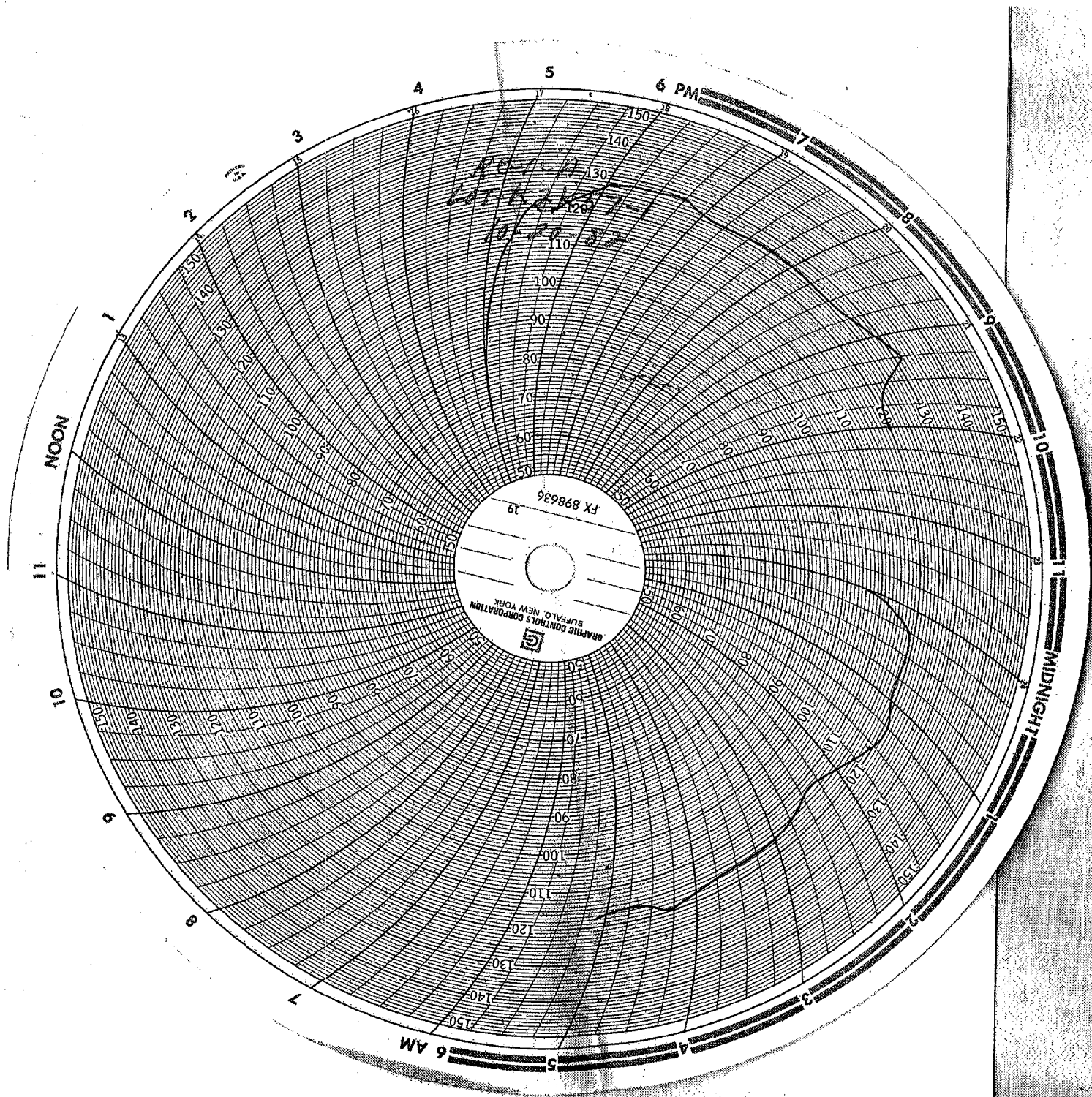








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23 2/0 28
4 6 0 4 2
1 0 0 4 5