

CG 16 CODE RC-1-A PKG

PROCESSES
() RC-1-A (C)APPROVED BY
BBK 11/5/81

SEP 27 1982

K21125-1

(DATE)

(LOT NUMBER)

ESTIMATED WGT

1849

* LBS.

STANDARD HRS.

TYPED BY: JMH

TIME 3 P.M.

PUNCH B.I.P.:

LOT K2H2S 1 616 #

LOT K2H2S 2 616 #

LOT K2H2S-3 617 #

PREPARATION NOTES:

EQUIP MENT		NAME: MONASTRAL RED B	5 PAGES	USE LBS	N-CODE	ACCT LBS
PREP	1	INSTALL TEMP & AMP CHARTS				
	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			
		<u>6.0</u>	<u>5.0</u>			
		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 11 1982

10/8/82

EQUIP MENT		PAGE 2 OF 5 CG 16 CODE RC-1-A (C)	USE LBS	N-CODE	ACCT LBS
CLASS 3	14	DURING S13 STIR, HOOK UP LINES FROM DORR CLASSIFIER TO V-10. NOTE: FEED VALVE MUST BE CLOSED.			
	15	OBTAIN TWO 55 GAL. DRUMS FOR S27.			
SHRIV 4	16	SET UP 20 PLATES EACH IN NO. 4 & NO. 2 SHRIVER THICKENERS			
HF MILL 5	17	ADD 5-10 GAL. WATER TO HF MILL. CAUTION: TOO MUCH WATER WILL CAUSE CHARGE TO SPLASH OVER EDGE OF MILL.			
	18	STOP AGITATOR & TURN OFF COOLING WATER.			

MISC 6	19	RECORD:				TOTAL
CHG #	DATE	TIME	DATE	TIME	MILL	HRS
		START		FIN		
1	9-27-82	4:00 PM	9-27-82	9:00 PM	5 HRS	
2	9-27-82	4:00 PM	9-27-82	9:00 PM	5 HRS	
3	9-27-82	1:00 AM	9-27-82	6:00 AM	5 HRS	
4	9-27-82	1:00 AM	9-27-82	6:00 AM	5 HRS	
5	9-28-82	5:00 AM	9-28-82	10:00 AM	5 HRS	
6	9-28-82	5:00 AM	9-28-82	10:00 AM	5 HRS	
7	9-29-82	1:00 PM	9-29-82	6:00 PM	5 HRS	
8	9-29-82	1:00 PM	9-29-82	6:00 PM	5 HRS	
9	9-29-82	8:00 PM	9-30-82	1:00 AM	5 HRS	
10	9-29-82	8:00 PM	9-30-82	1:00 AM	5 HRS	
11	9-29-82	5:00 PM	9-30-82	10:00 AM	5 HRS	
12	9-29-82	5:00 PM	9-30-82	10:00 AM	5 HRS	
13	9-30-82	4:45 PM	9-30-82	9:45 PM	5 HRS	
14	9-30-82	4:45 PM	9-30-82	9:45 PM	5 HRS	

20 RECORD ACCURACY ONCE PER SHIFT WHILE MILLING:

DATE	TIME	CHG NO.	AM- METER AMPS	RE- CORDER AMPS	HT *F	RECORD *F

SV-11 121 ADD 10" (122G) WATER TO V-11
7 122 HEAT TO 140-150 DEG F FOR S24.

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	35	CHARGE OUT RAW MATERIALS BELOW						
11								
			RECORD					
			SLUDGE					
				N				
				N-7500-A				
CHG	MILL	N834	AS	#	972		AS	OPTR
NO.	NO.	#	IS	100%	#	LOT	100%	%
1	1	18	600	300	300	600	130	99.1
2	2	18	600	300	300	600	130	99.3
3	1	18	600	300	300	600	130	99.1
4	2	18	600	300	300	600	130	99.1
5	1	18	600	300	300	600	130	99.1
6	2	18	600	300	300	600	130	99.1
7	1	18	600	300	300	600	130	99.1
8	2	18	600	300	300	600	130	99.1
9	1	18	600	300	300	600	130	99.1
10	2	18	600	300	300	600	130	99.1
11	1	18	600	300	300	600	130	99.1
12	2	18	600	300	300	600	130	99.1
13	1	18	600	300	300	600	130	99.1
14	2	18	600	300	300	600	130	99.1
TOT								
36	ENTER RAW MATERIAL TOTALS IN "ACCT LBS" COLUMN							

972-A 4200
834-B 252
7500-A 1834
57-A 16170

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

V-9 13 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 9/30 TIME 2:45 PM VOL 50
44 CIRCULATE UNTIL EFFLUENT REACHES 4000 OHMS
45 RECORD: FINISH DATE 10-4-82 TIME 8:15 PM
OHMS 4000 PH 8.6 (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
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304	53	RUN 30" (366G) WATER INTO V-304 & TURN ON AGITATOR			
17					

302	54	ADD & STIR TO DISSOLVE FOR S55			
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3-A

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

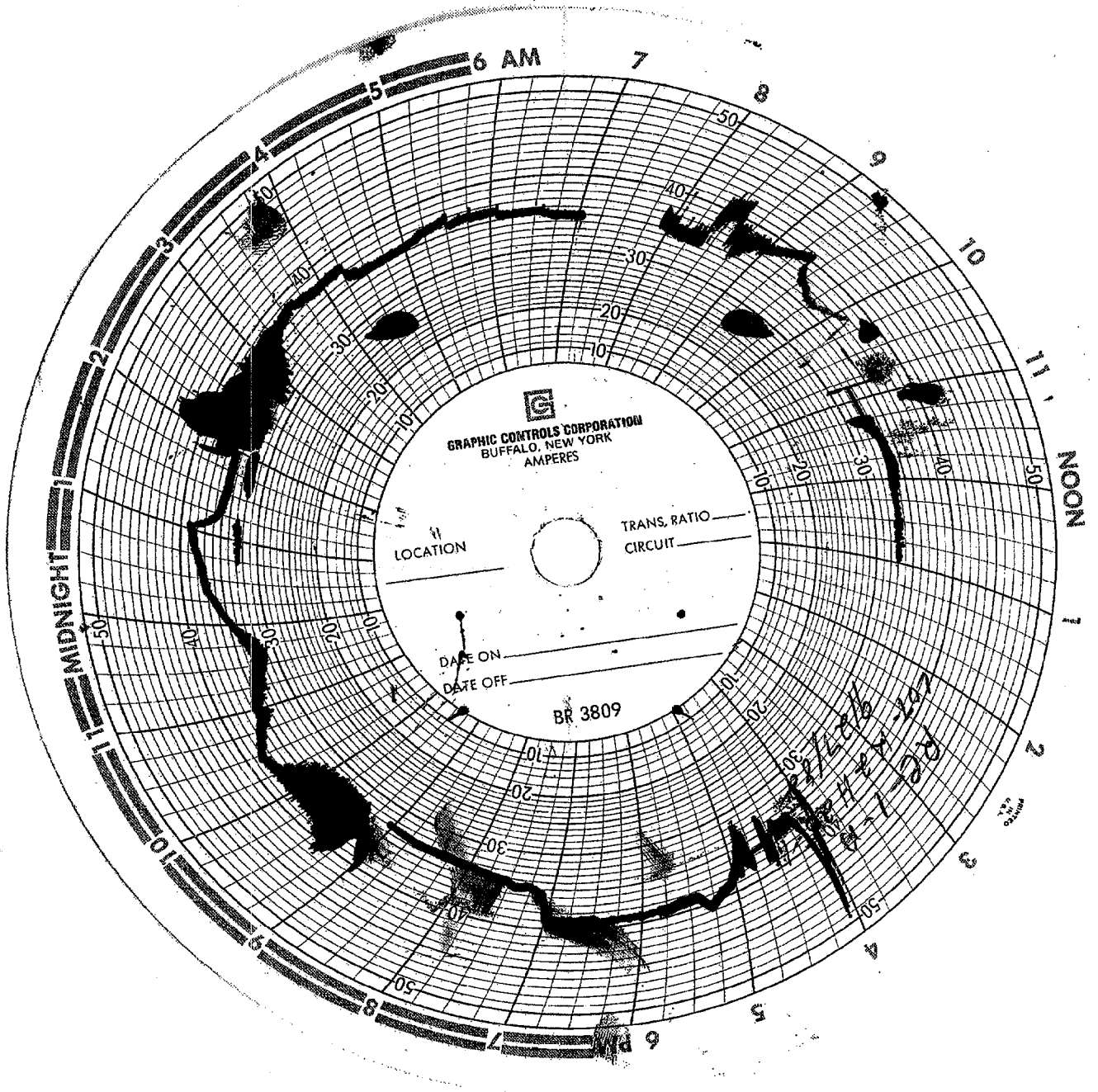
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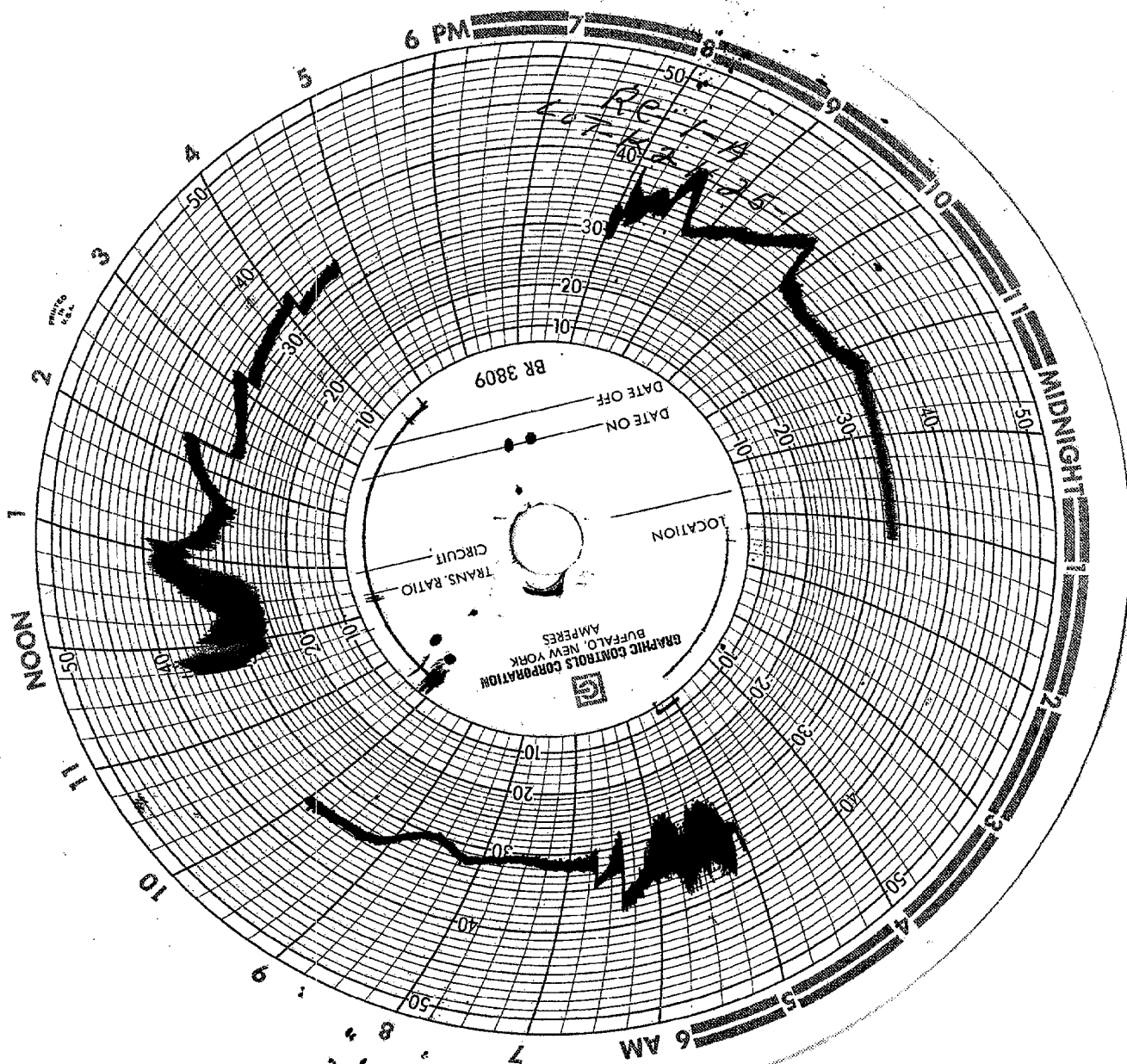
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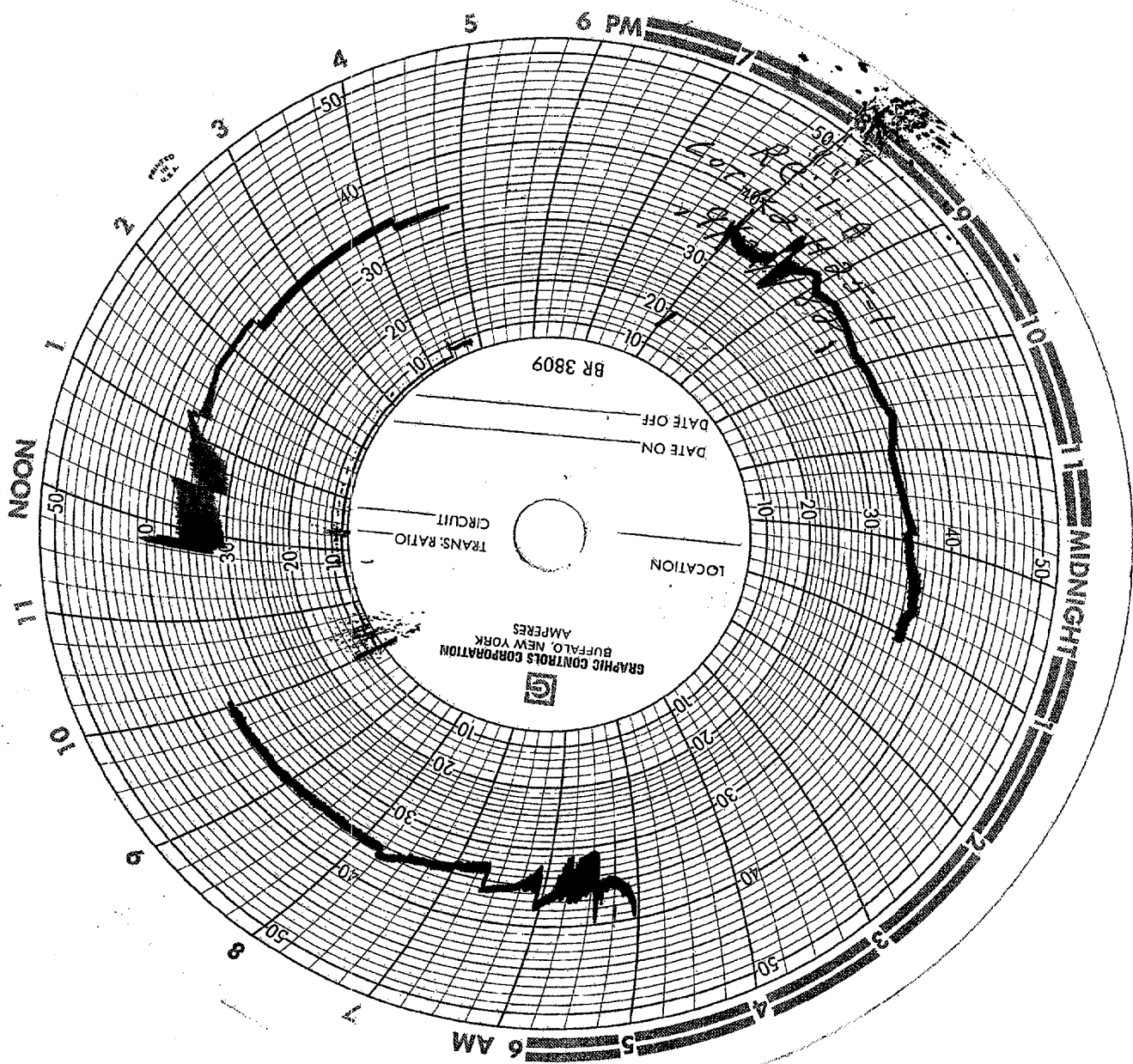
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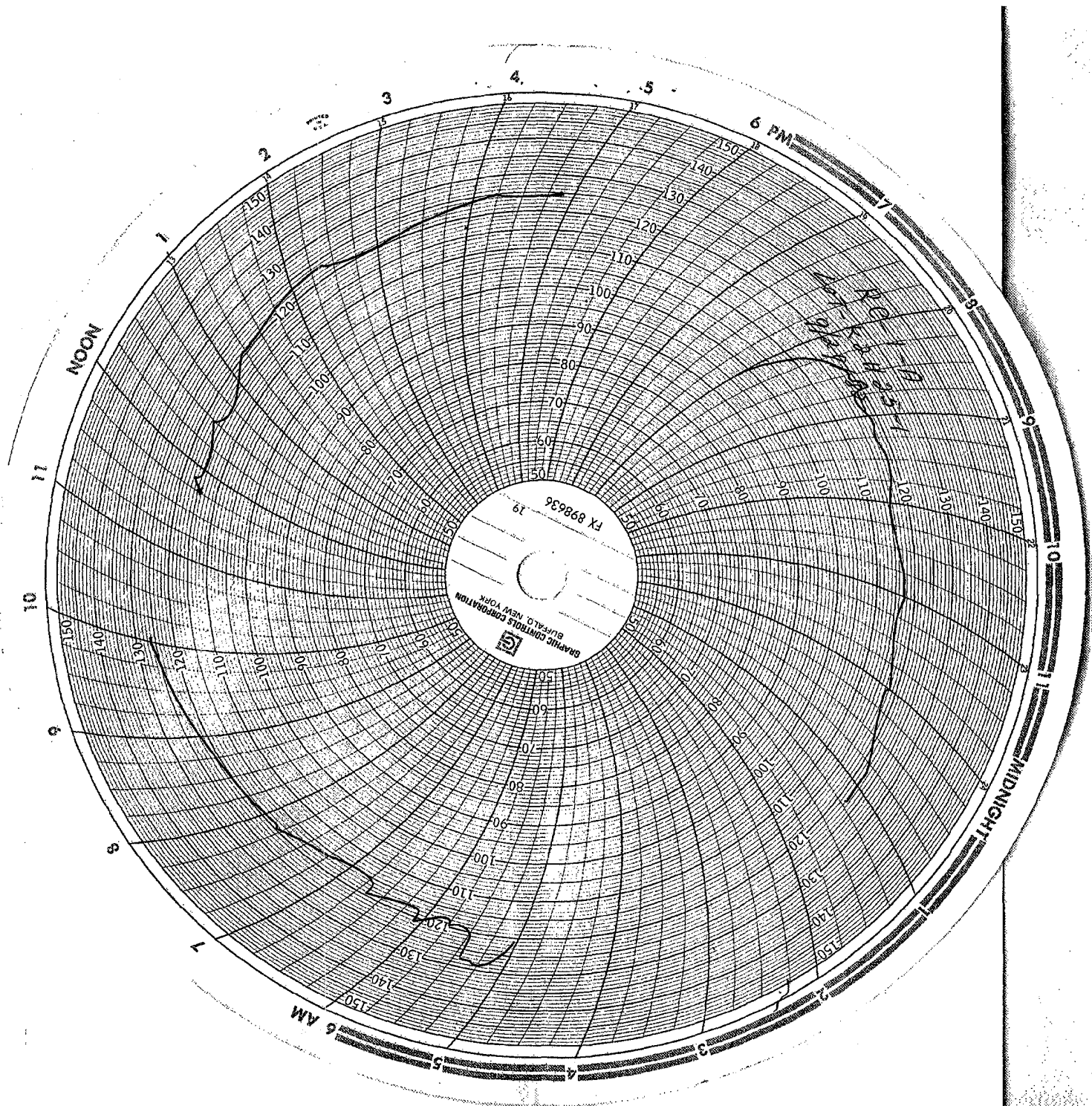
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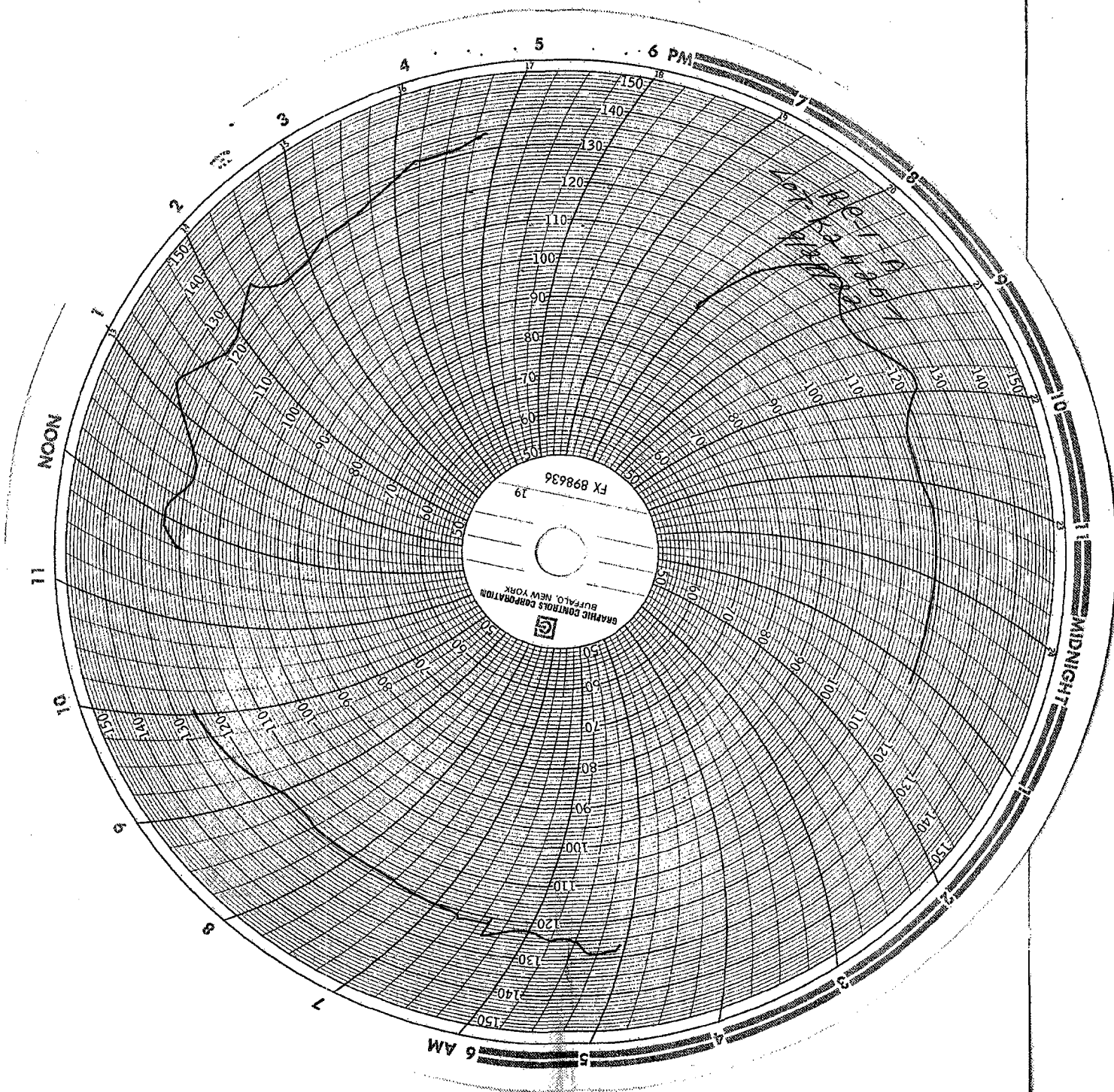
CHG NO.	VAT	VOLUME INIT	FINAL FINAL	FINAL TEMP	N-57 USED	SLUDGE CLASS
1&2						
3&4						
5&6						
7&8						
9&10						
11&12						
13&14						

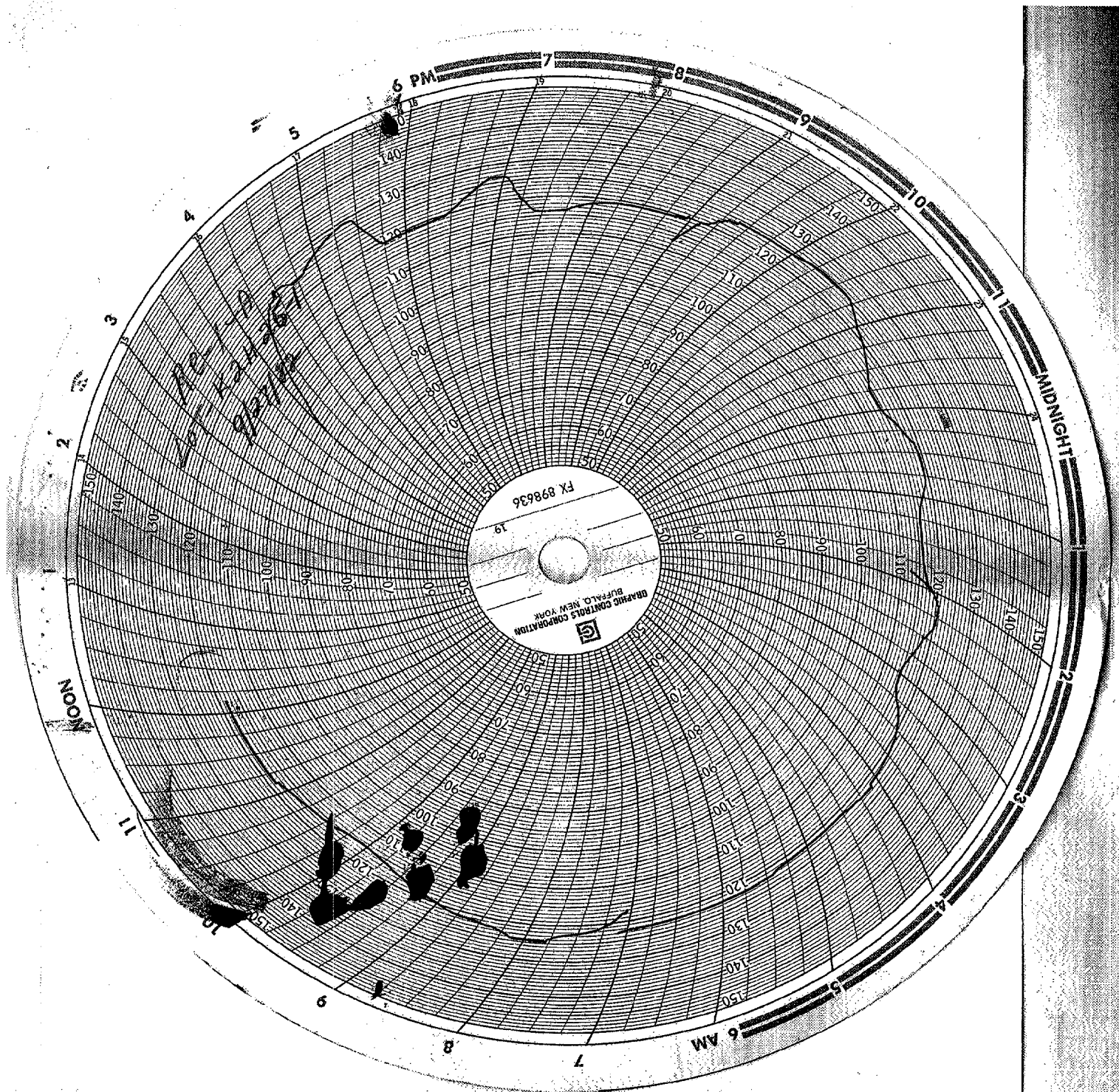


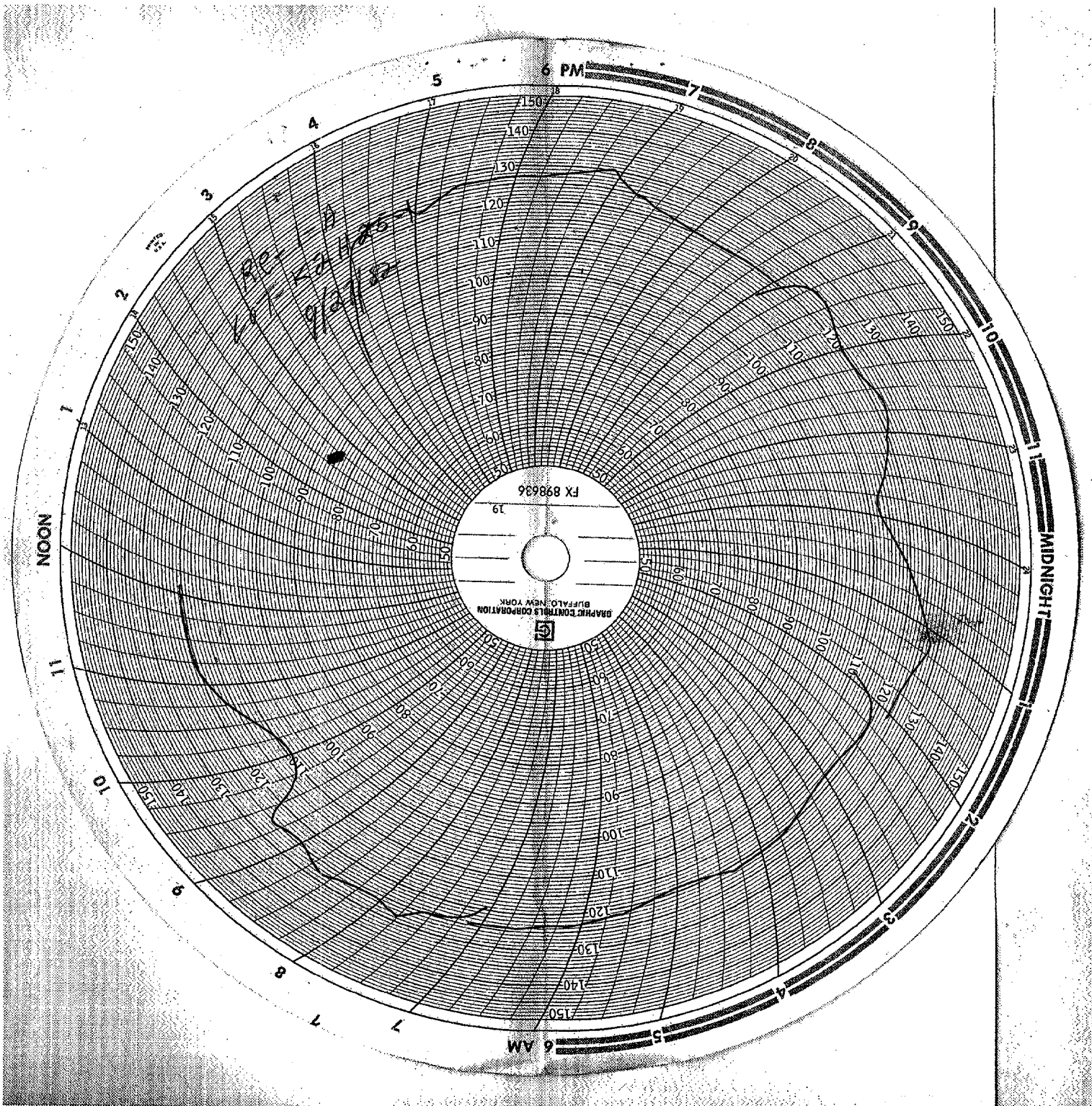












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