

December 26, 2014

Mr. Allan Batka
United States Environmental Protection Agency
Region 5 (WU-16J)
77 West Jackson Blvd.
Chicago, Illinois 60604

Re: EGT Monthly Report (in conformance with MI-163-1W-C010 & MI-163-1W-C011)

Dear Mr. Batka:


Environmental Geo-Technologies, LLC ("EGT") hereby timely submits its thirteenth Monthly Report in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011).

EGT is providing all of the attached information in the same sequence as required by both subject permits, i.e. Part II.D.1 (a - i), Part III, Attachment A, and Part III, Attachment E.G.2 & E.I.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

We trust that you find this report satisfactory, however, if you have any questions or comments, please feel free to contact us.

Sincerely,



Richard J. Powals, P.E.
Chief Operating Officer

cc: J. Frost (EGT), T. Athans (EGT)

att.

rjp122614/EGTEPAMonthlyReport-November 2014

AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2014CURRENT REPORTING MONTH NOVEMBER

Date (month, year) of the first injection into either well at the Citrin Road Facility

NOVEMBER 2013

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
MI-163-1W-C010, Well #1-12			
Current Month	44,148	0	44,148
Since facility first injected			997,276
MI-163-1W-C011, Well #2-12			
Current Month	8,148	0	8,148
Since facility first injected			904,295
		Lifetime Combined	1,901,571

Conversion factors

365.25 days per year ÷ 12 months per year = 30.4375 days per month

30.4375 days per month × 1440 minutes per day = 43,830 minutes per month

CalculationsWhole number of months of injection 13

13 lifetime number of months of injection × 43,830 minutes/month
= 569,790 minutes of injection

Lifetime combined injected volume 1,901,571 ÷ 569,790 minutes of injection
= 3.3 gpm average injection rate

WELL 1 DATA

WELL 01 Monthly Data

Date	Min Injection Pressure (PSIG)	Max Injection Pressure (PSIG)	Min Sight Glass Level (in)	Max Sight Glass Level (in)	Min Annulus Pressure (PSIG)	Max Annulus Pressure (PSIG)	Min Injectate pH	Max Injectate pH	Min Flow Rate (GPM)	Max Flow Rate (GPM)	Min Differential Pressure (PSIG)	Max Differential Pressure (PSIG)
11/1/2014	0.00	0.00	23.40	23.40	270.00	276.00	NI	NI	0.00	0.00	270.00	276.00
11/2/2014	0.00	0.00	23.30	23.30	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/3/2014	0.00	0.00	23.30	23.50	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/4/2014	0.00	0.00	23.50	23.50	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/5/2014	0.00	0.00	23.50	23.60	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/6/2014	0.00	0.00	23.50	23.50	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/7/2014	0.00	0.00	23.50	23.50	267.00	270.00	NI	NI	0.00	0.00	267.00	270.00
11/8/2014	0.00	0.00	23.30	23.40	264.00	267.00	NI	NI	0.00	0.00	264.00	267.00
11/9/2014	0.00	0.00	23.30	23.30	264.00	264.00	NI	NI	0.00	0.00	264.00	264.00
11/10/2014	0.00	0.00	23.30	23.50	267.00	267.00	NI	NI	0.00	0.00	267.00	267.00
11/11/2014	0.00	0.00	23.50	23.70	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/12/2014	0.00	0.00	23.70	23.70	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/13/2014	0.00	0.00	23.60	23.70	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/14/2014	0.00	654.00	21.80	23.70	270.00	927.00	NI	NI	0.00	92.80	240.00	330.00
11/15/2014	0.00	0.00	23.20	23.20	333.00	345.00	NI	NI	0.00	0.00	333.00	345.00
11/16/2014	0.00	0.00	23.00	23.00	330.00	330.00	NI	NI	0.00	0.00	330.00	330.00
11/17/2014	0.00	0.00	23.00	23.20	330.00	330.00	NI	NI	0.00	0.00	330.00	330.00
11/18/2014	0.00	612.00	20.50	23.30	330.00	924.00	NI	NI	0.00	40.00	255.00	330.00
11/19/2014	0.00	0.00	20.50	23.70	270.00	903.00	NI	NI	0.00	0.00	270.00	360.00
11/20/2014	0.00	0.00	23.20	23.70	264.00	270.00	0.70	0.70	0.00	0.00	264.00	270.00
11/21/2014	0.00	0.00	23.40	23.60	258.00	264.00	NI	NI	0.00	0.00	258.00	264.00
11/22/2014	0.00	0.00	23.20	23.50	255.00	261.00	NI	NI	0.00	0.00	255.00	261.00
11/23/2014	0.00	0.00	23.40	23.50	258.00	258.00	NI	NI	0.00	0.00	258.00	258.00
11/24/2014	0.00	0.00	23.50	23.80	255.00	258.00	NI	NI	0.00	0.00	255.00	258.00
11/25/2014	0.00	0.00	23.60	23.80	267.00	264.00	NI	NI	0.00	0.00	264.00	267.00
11/26/2014	0.00	720.00	21.40	23.80	240.00	1056.00	0.70	0.70	0.00	110.00	240.00	354.00
11/27/2014	0.00	0.00	23.20	23.50	240.00	240.00	NI	NI	0.00	0.00	240.00	240.00
11/28/2014	0.00	0.00	23.30	23.50	240.00	240.00	NI	NI	0.00	0.00	240.00	240.00
11/29/2014	0.00	0.00	23.10	23.30	234.00	237.00	NI	NI	0.00	0.00	234.00	237.00
11/30/2014	0.00	0.00	23.10	23.20	234.00	234.00	NI	NI	0.00	0.00	234.00	237.00
	0.00	0.00	0.00	0.00	0.00	0.00	NI	NI	0.00	0.00	0.00	0.00

Circle Chart Index

Environmental Geo-Technologies, LLC 28470 Citrin Drive Romulus, MI 48174

Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure

Channel #2

Red Pen - Well 1 Annulus Pressure

Channel #3

Green Pen - Well 1 Flow Rate

Channel #4

Black Pen - Well 1 Annulus Tank Level

Chart Recorder #2

Channel #1

Blue Pen - Well 2 Injection Pressure

Channel #2

Red Pen - Well 2 Annulus Pressure

Channel #3

Green Pen - Well 2 Flow Rate

Channel #4

Black Pen - Well 2 Annulus Tank Level

Chart Recorder #3

Channel #1

Blue Pen - Injection pH Well 1 & 2

Channel #2

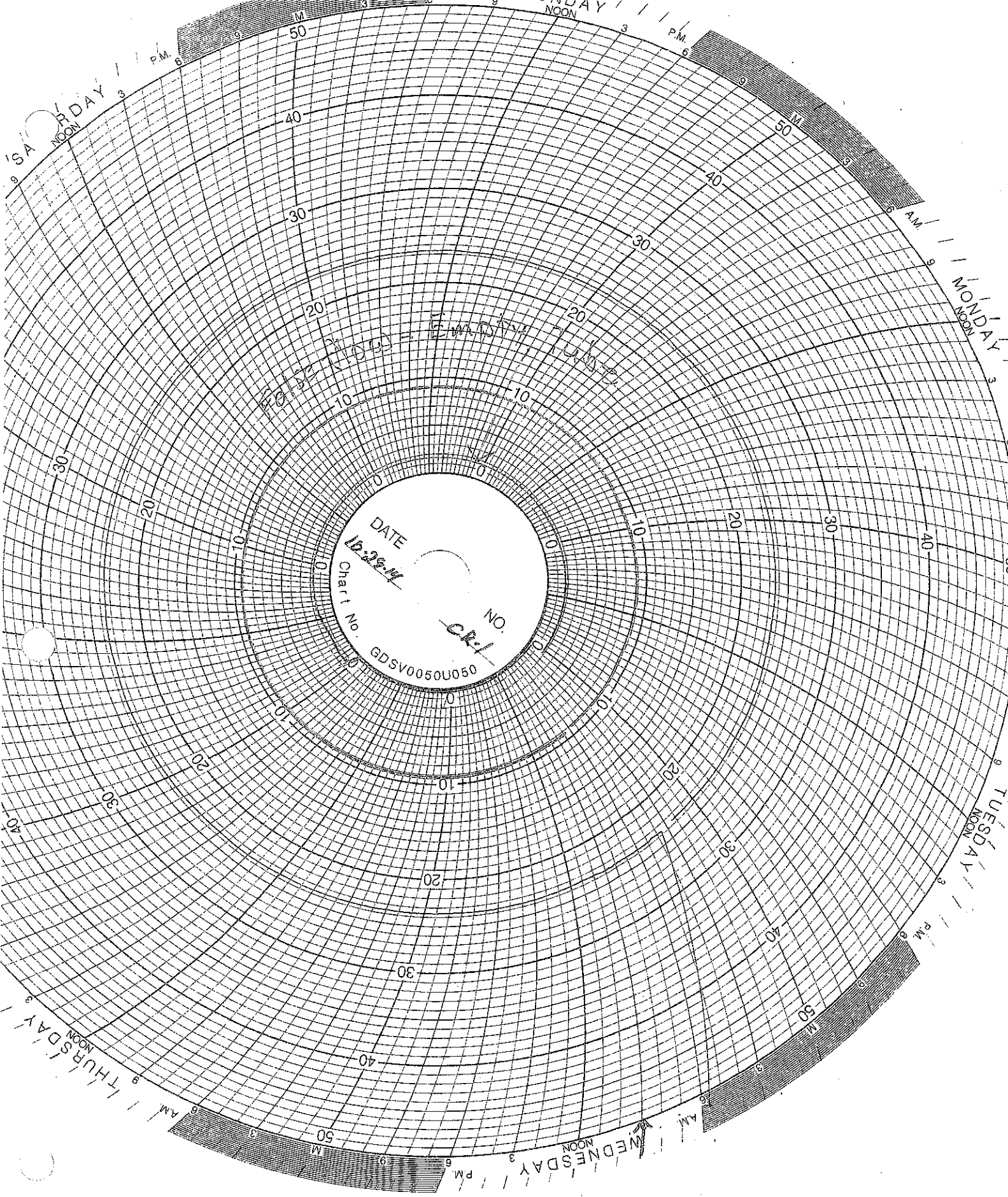
Red Pen - Well 1 Monthly Volume

Channel #3

Green Pen - Well 2 Monthly Volume

Channel #4

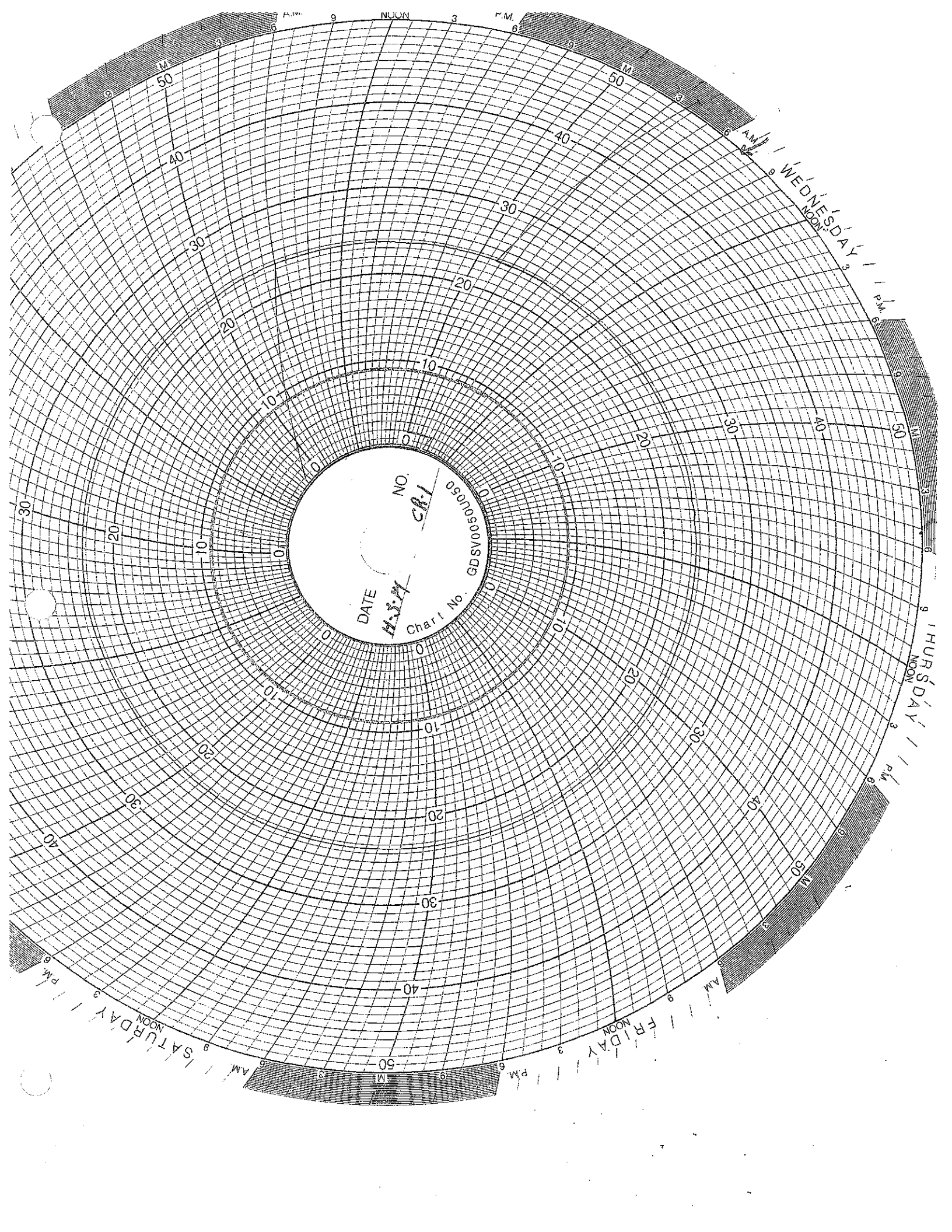
Black Pen - Temperature



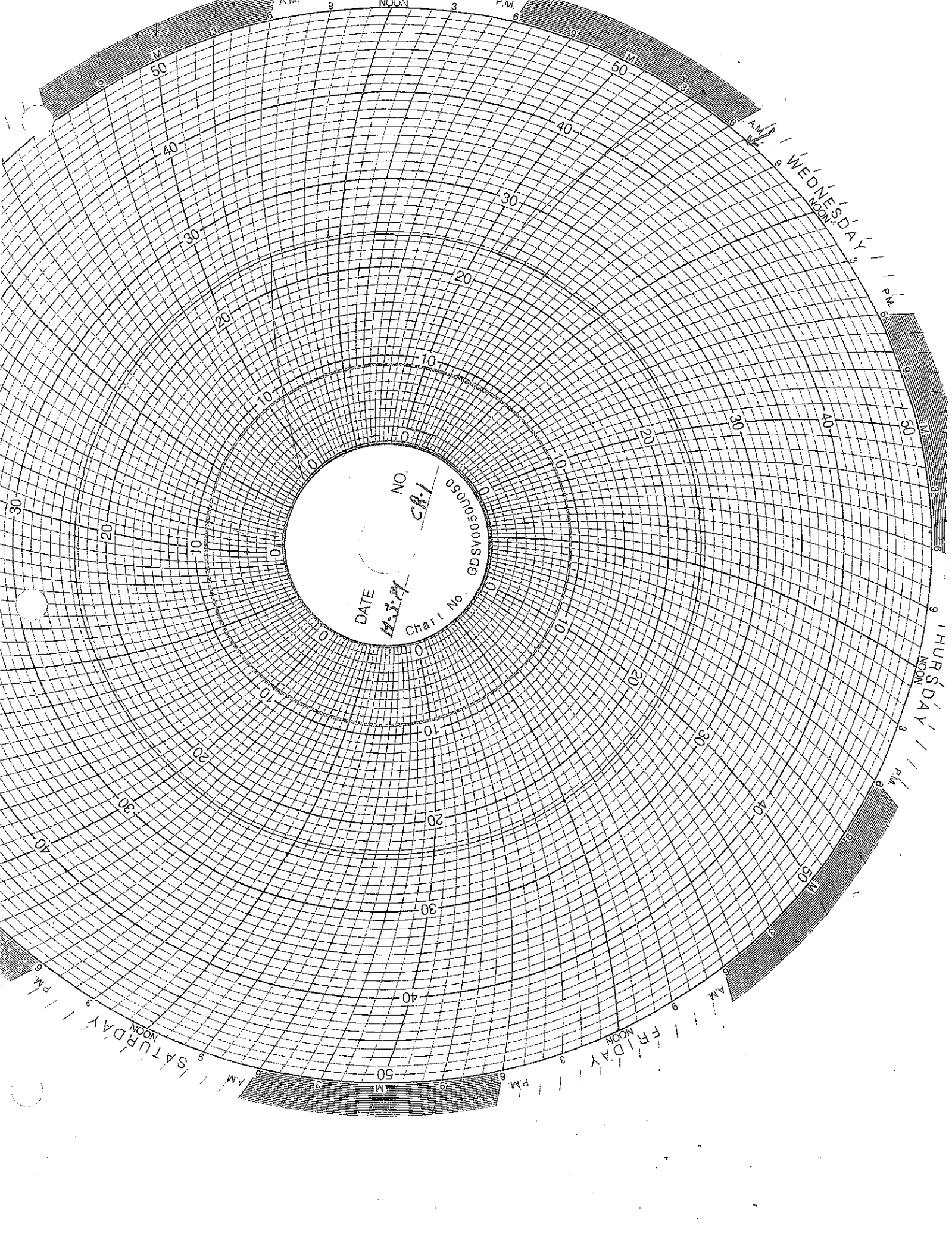
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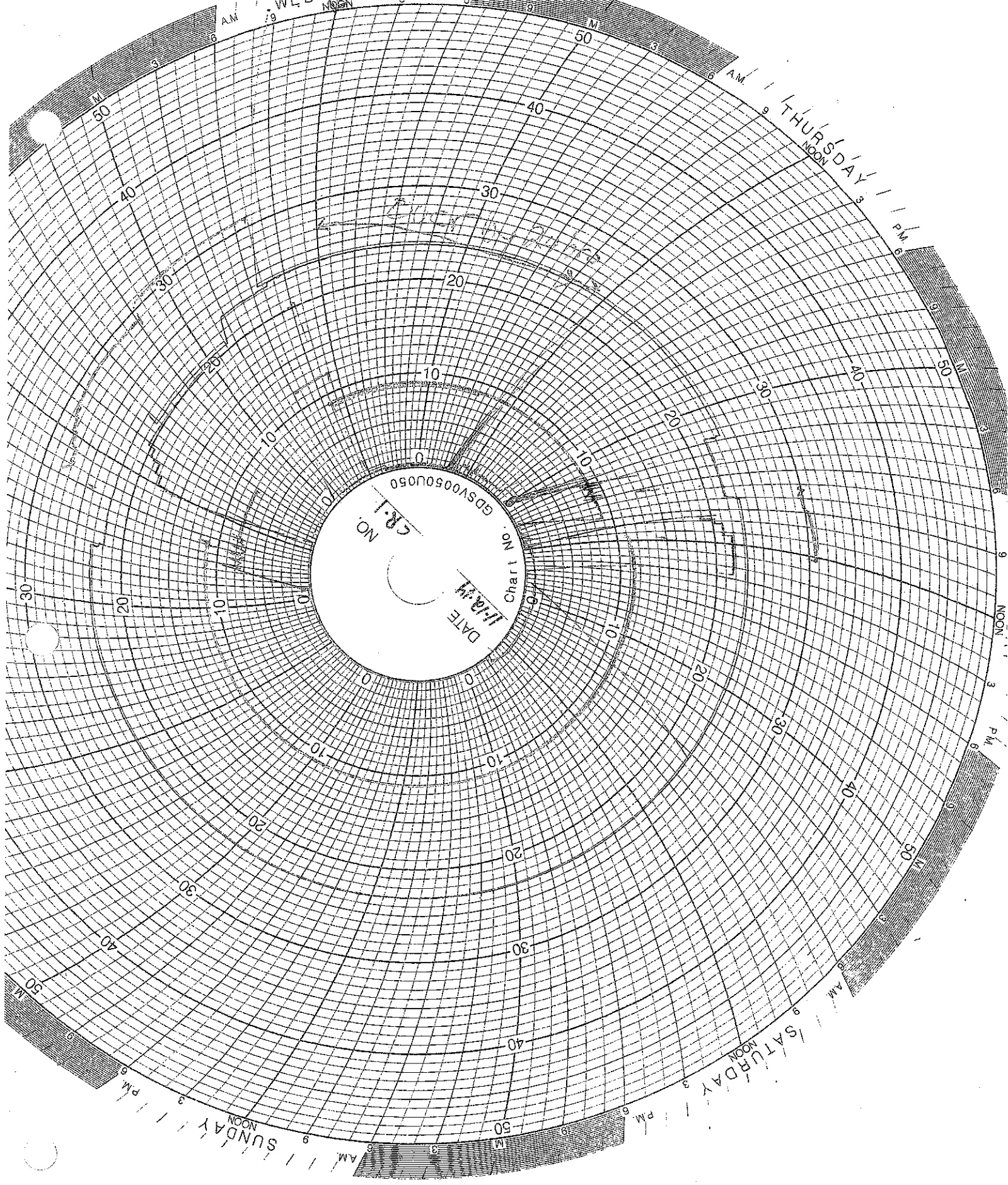
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CR-1

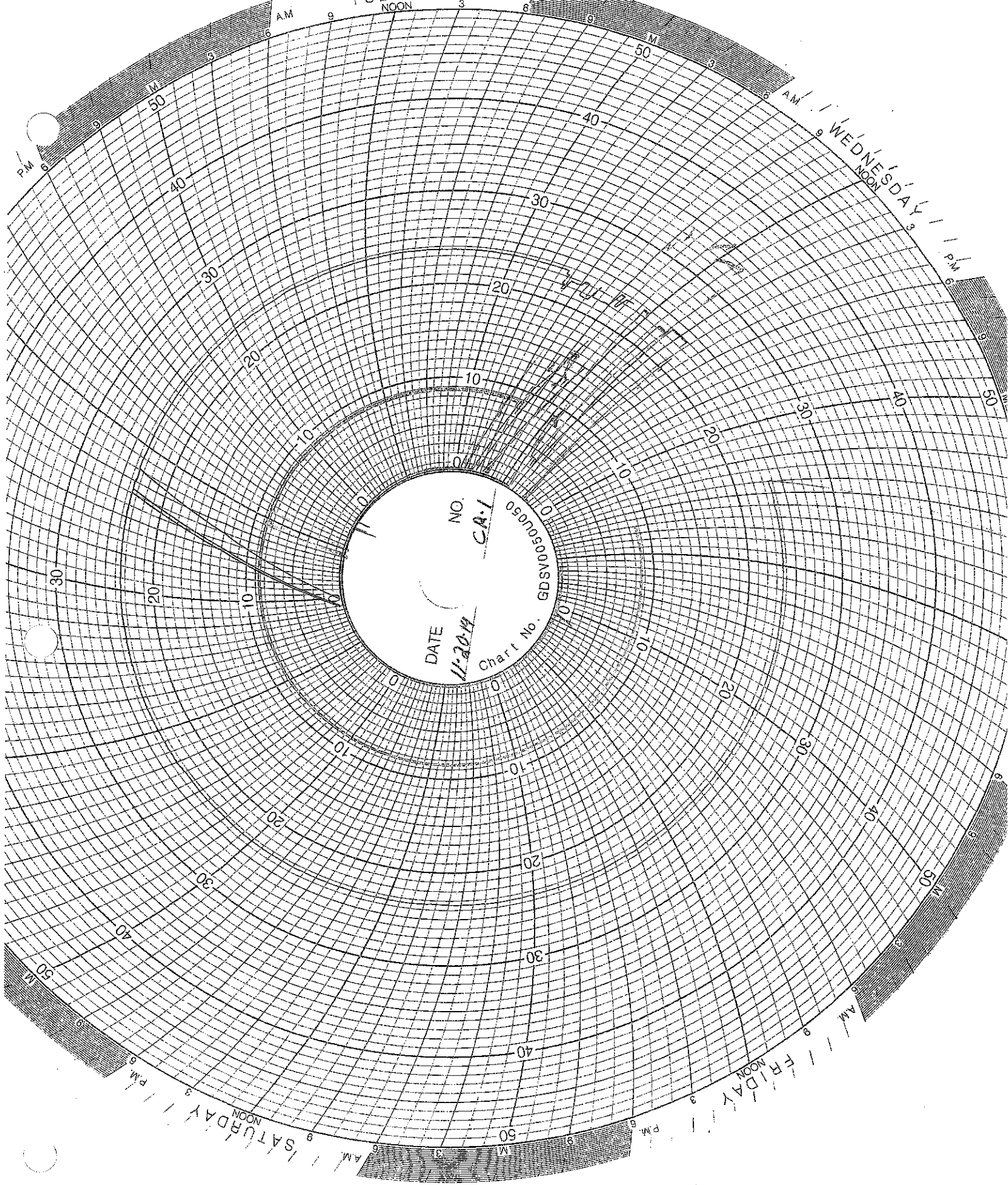


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Char. No. GDSV000501050
NO. CB-1





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Chart No. GDSV0050U050
GR-1 NO. 0500050050

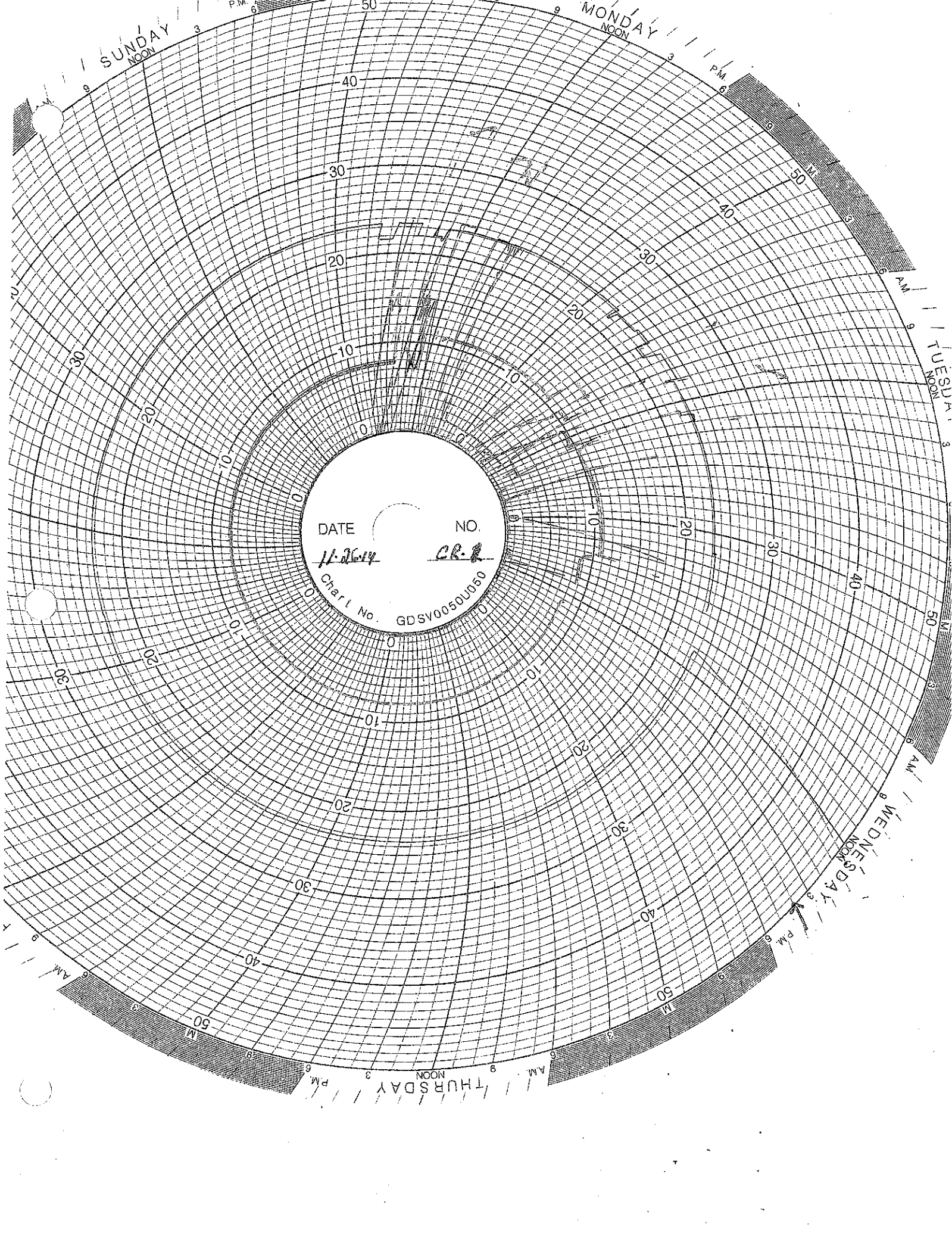


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NO. GDSV0000050
CA-1

SATURDAY
NOON
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6
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AM
PM

FRIDAY
NOON
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PM

WEDNESDAY
NOON
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SUNDAY
NOON

MONDAY
NOON

TUESDAY
NOON

WEDNESDAY
NOON

THURSDAY
NOON

DATE

NO.

11-26-14

CR-1

Chart No.

GDSV0050U050

WELL 2 DATA

Well 0 Monthly Data

Date	Min Injection Pressure (PSIG)	Max Injection Pressure (PSIG)	Min Sight Glass Level (in)	Max Sight Glass Level (in)	Min Annulus Pressure (PSIG)	Max Annulus Pressure (PSIG)	Min Injectate pH	Max Injectate pH	Min Flow Rate (GPM)	Max Flow Rate (GPM)	Min Differentail Pressure (PSIG)	Max Differentail Pressure (PSIG)
11/1/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/2/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/3/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/4/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/5/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/6/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/7/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/8/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/9/2014	0.00	0.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	270.00	270.00
11/10/2014	0.00	30.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	270.00
11/11/2014	30.00	30.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	270.00
11/12/2014	0.00	30.00	15.90	17.90	270.00	270.00	NI	NI	0.00	0.00	246.00	306.00
11/13/2014	30.00	30.00	15.50	17.80	270.00	270.00	NI	NI	0.00	0.00	300.00	330.00
11/14/2014	30.00	30.00	17.90	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	240.00
11/15/2014	30.00	30.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	240.00
11/16/2014	30.00	30.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	240.00
11/17/2014	30.00	30.00	18.00	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	240.00
11/18/2014	30.00	30.00	17.80	18.00	270.00	270.00	NI	NI	0.00	0.00	240.00	240.00
11/19/2014	30.00	750.00	18.00	18.00	240.00	1023.00	NI	NI	0.00	0.00	210.00	306.00
11/20/2014	30.00	720.00	15.60	18.00	360.00	1023.00	0.70	0.70	0.00	60.00	228.00	336.00
11/21/2014	0.00	0.00	18.00	18.00	210.00	225.00	NI	NI	0.00	0.00	210.00	225.00
11/22/2014	0.00	0.00	18.00	18.00	210.00	210.00	NI	NI	0.00	0.00	210.00	210.00
11/23/2014	0.00	0.00	18.00	18.00	210.00	210.00	NI	NI	0.00	0.00	210.00	210.00
11/24/2014	0.00	0.00	17.30	18.00	210.00	300.00	NI	NI	0.00	0.00	210.00	300.00
11/25/2014	0.00	0.00	17.10	17.30	300.00	300.00	NI	NI	0.00	0.00	300.00	300.00
11/26/2014	0.00	0.00	17.00	17.10	300.00	300.00	0.70	0.70	0.00	0.00	300.00	300.00
11/27/2014	0.00	0.00	17.00	17.10	300.00	300.00	NI	NI	0.00	0.00	300.00	300.00
11/28/2014	0.00	0.00	17.10	17.20	300.00	300.00	NI	NI	0.00	0.00	300.00	300.00
11/29/2014	0.00	0.00	17.20	17.20	300.00	300.00	NI	NI	0.00	0.00	300.00	300.00
11/30/2014	0.00	0.00	17.20	17.20	300.00	300.00	NI	NI	0.00	0.00	300.00	300.00

Circle Chart Index

Environmental Geo-Technologies, LLC 28470 Citrin Drive Romulus, MI 48174

Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure

Channel #2

Red Pen - Well 1 Annulus Pressure

Channel #3

Green Pen - Well 1 Flow Rate

Channel #4

Black Pen - Well 1 Annulus Tank Level

Chart Recorder #2

Channel #1

Blue Pen - Well 2 Injection Pressure

Channel #2

Red Pen - Well 2 Annulus Pressure

Channel #3

Green Pen - Well 2 Flow Rate

Channel #4

Black Pen - Well 2 Annulus Tank Level

Chart Recorder #3

Channel #1

Blue Pen - Injection pH Well 1 & 2

Channel #2

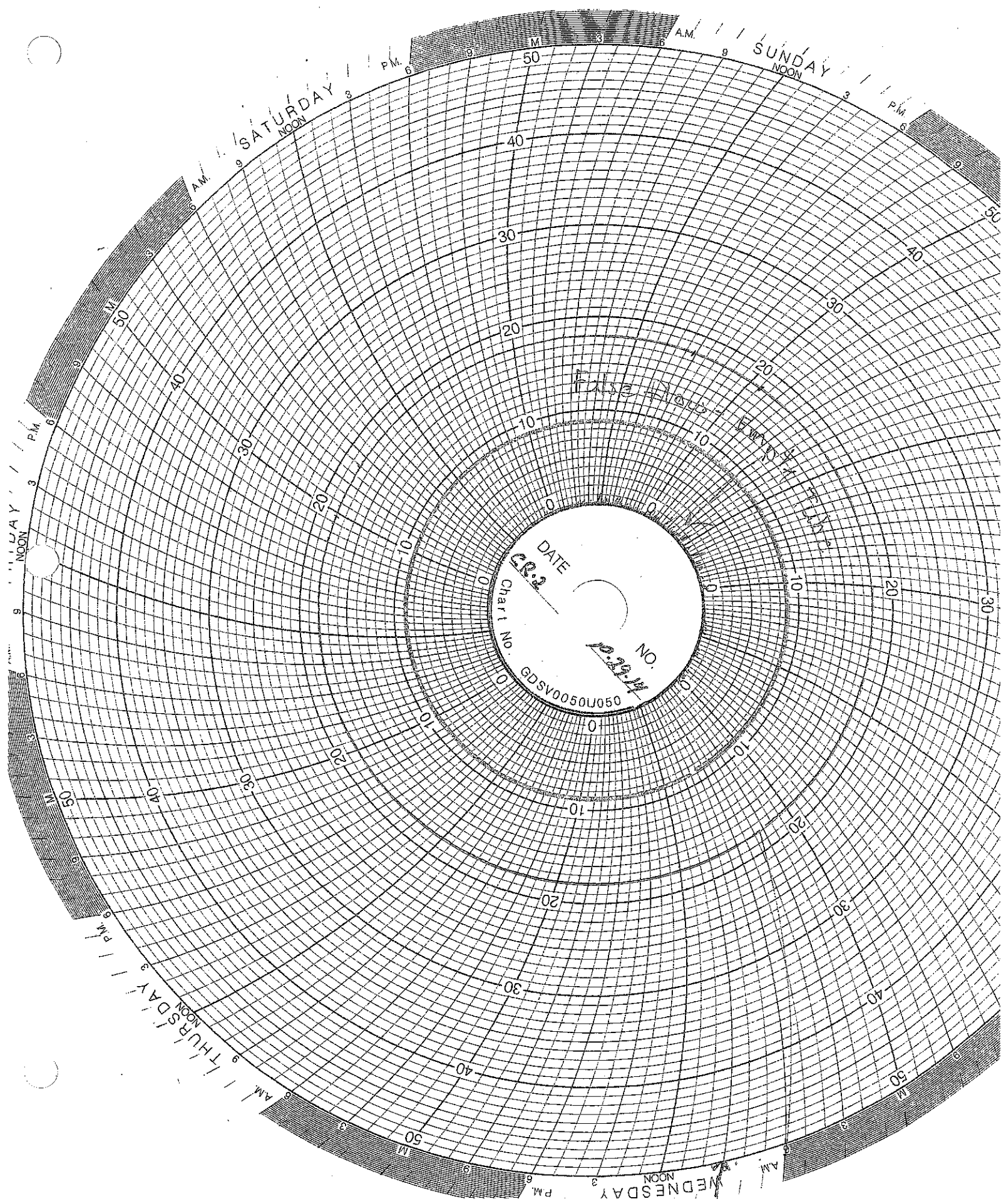
Red Pen - Well 1 Monthly Volume

Channel #3

Green Pen - Well 2 Monthly Volume

Channel #4

Black Pen - Temperature



FRIDAY
NOON
3
6
9
P.M.

SATURDAY
NOON
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P.M.

SUNDAY
NOON
3
6
9
P.M.

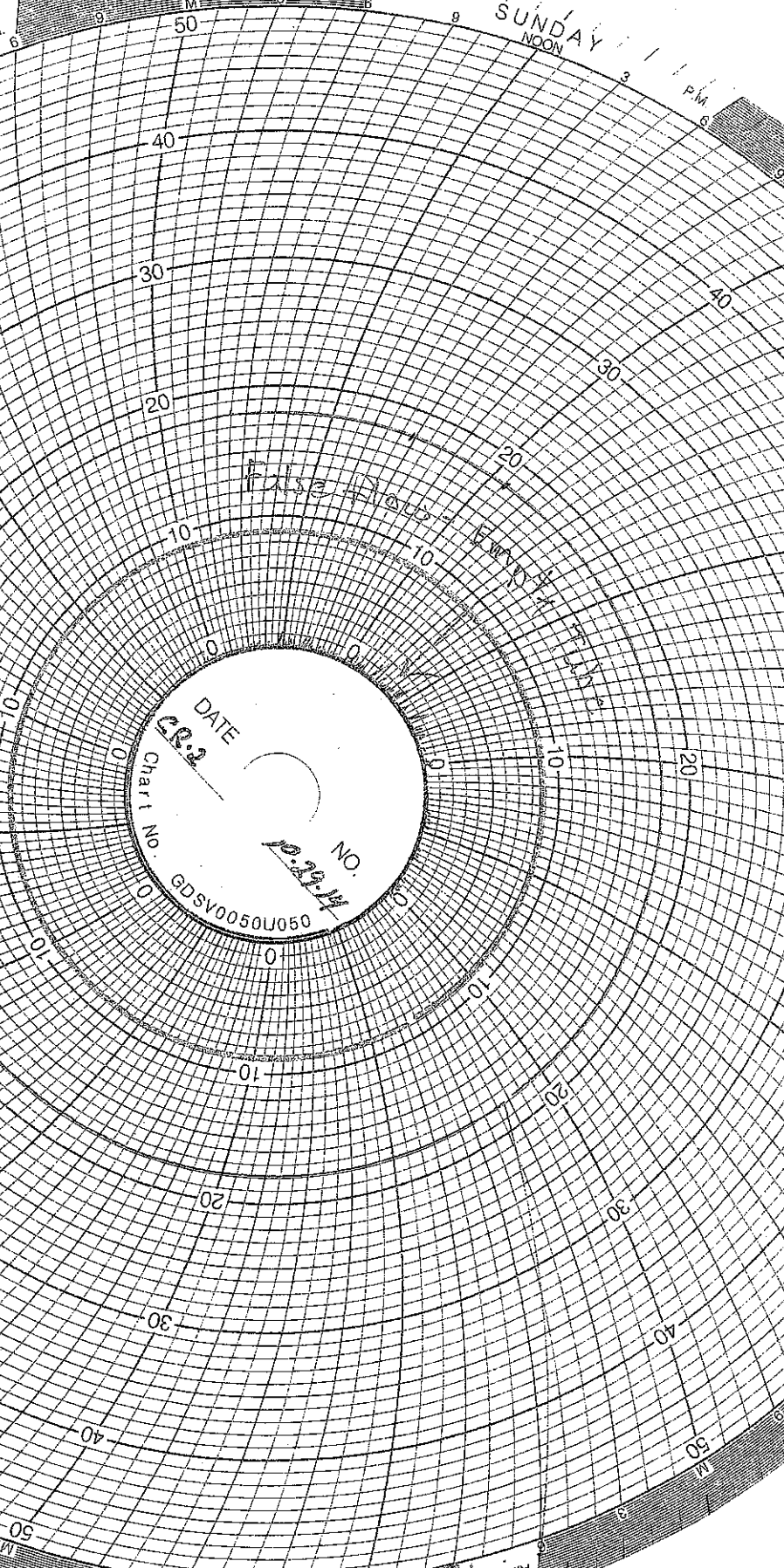
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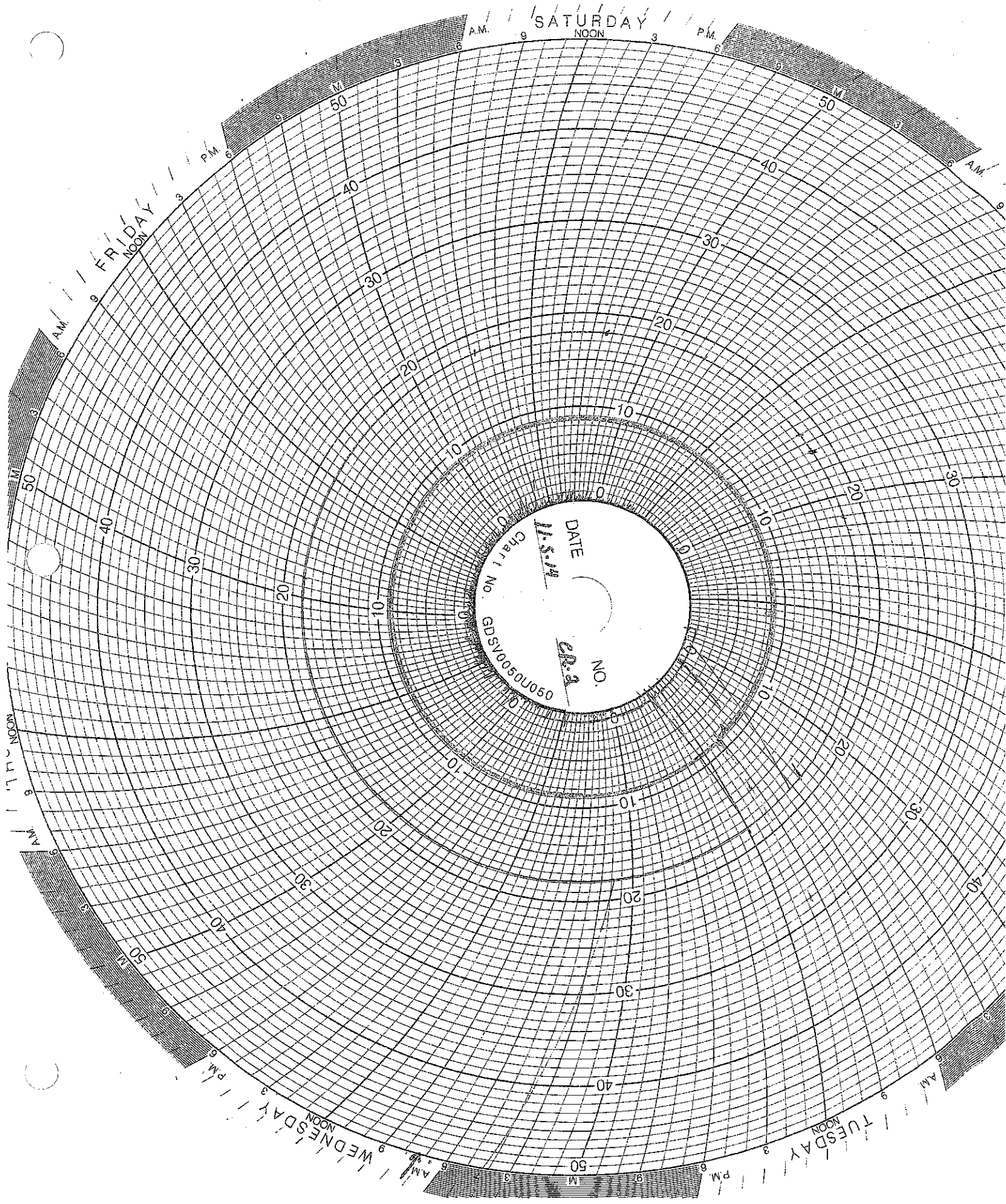
THURSDAY
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6
9
P.M.

WEDNESDAY
NOON
3
6
9
P.M.

DATE
20-2
Chart No. GDSV0050U050
NO.
10-20-14

False Plot





SATURDAY

FRIDAY

WEDNESDAY

TUESDAY

A.M. 9 NOON 3 P.M. 6

A.M. 9 NOON 3 P.M. 6

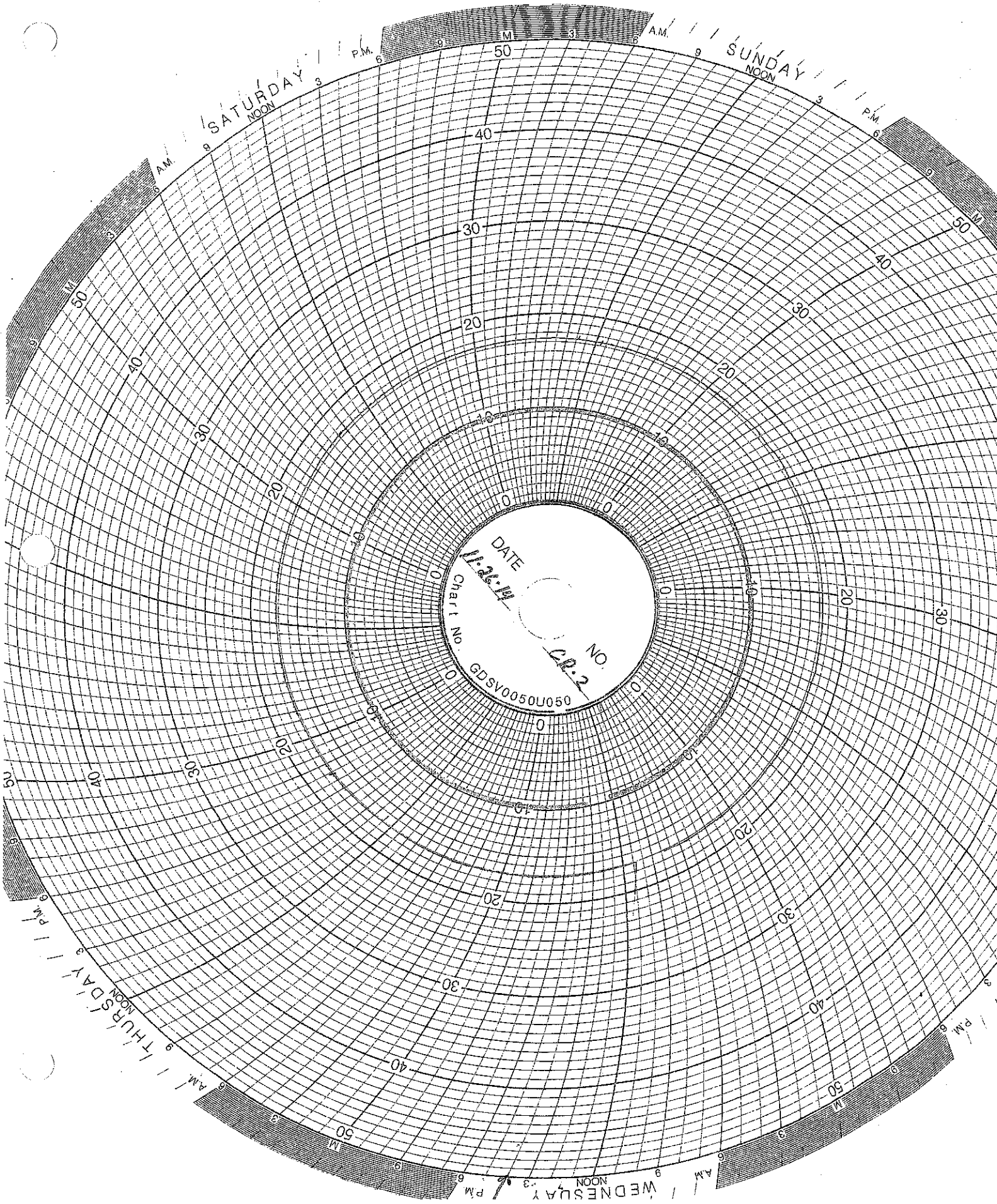
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11-5-14

NO.
CR-2

Chart No.
GDSV050J050



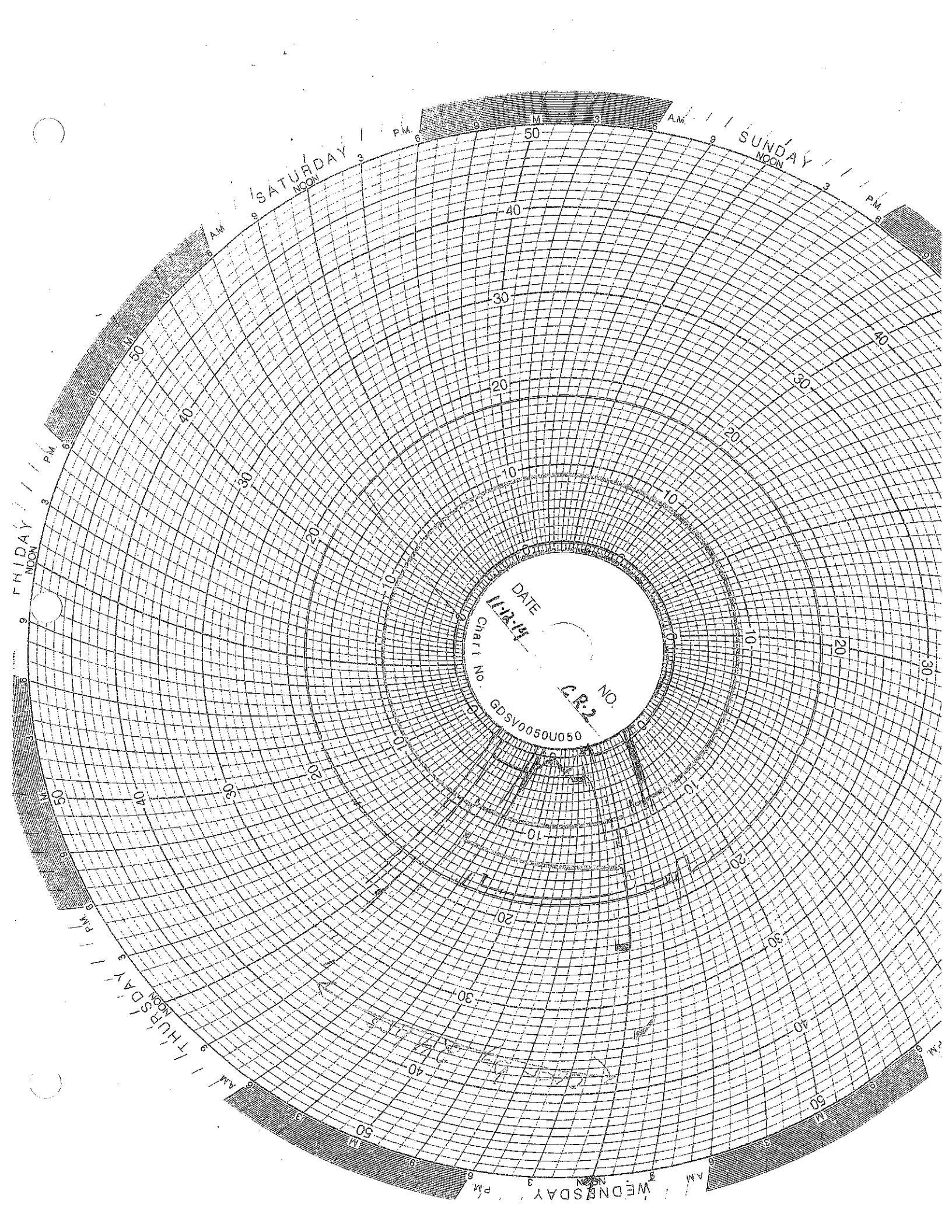
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SUNDAY
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WEDNESDAY
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THURSDAY
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11-21-11
Chart No.
GDSV0050U050
NO.
CR-2



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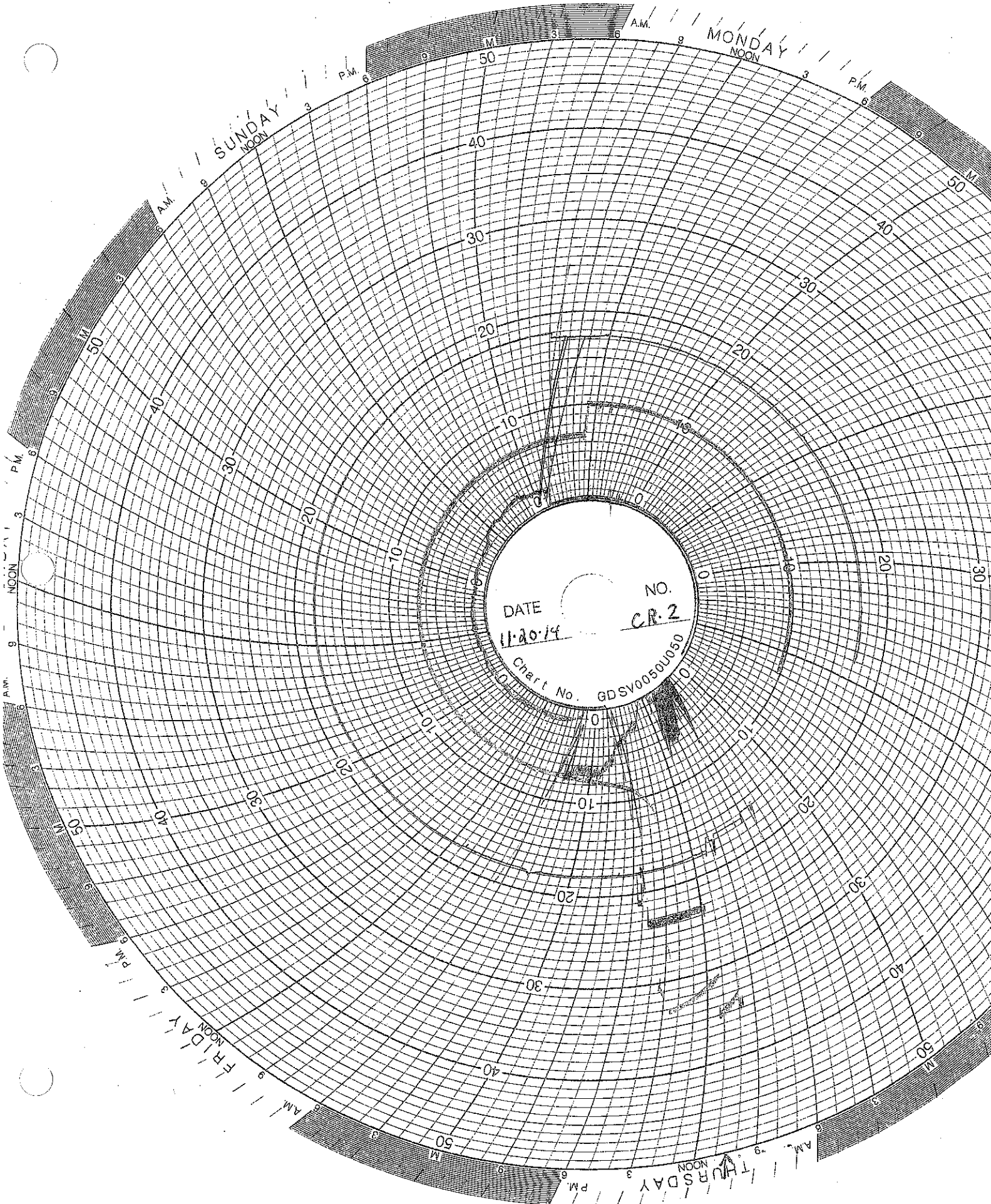
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THURSDAY
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WEDNESDAY
NOON 3 6 P.M. 9

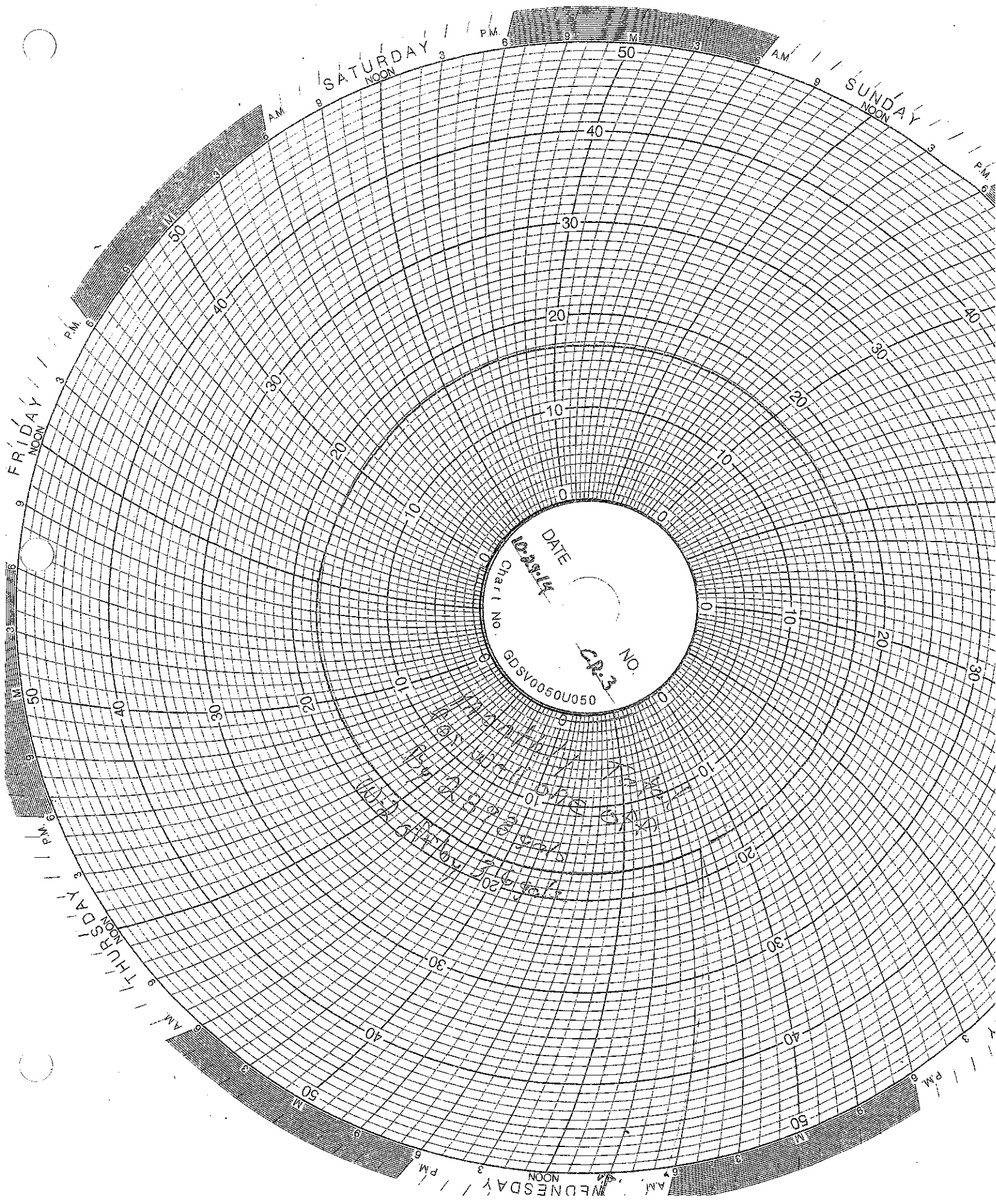
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GDSV0050U050
NO.
C.R.2



DATE 11-20-19

NO. CR-2

Chart No. GDSV0050U050



SATURDAY
NOON

SUNDAY
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FRIDAY
NOON

WEDNESDAY
NOON

THURSDAY
NOON

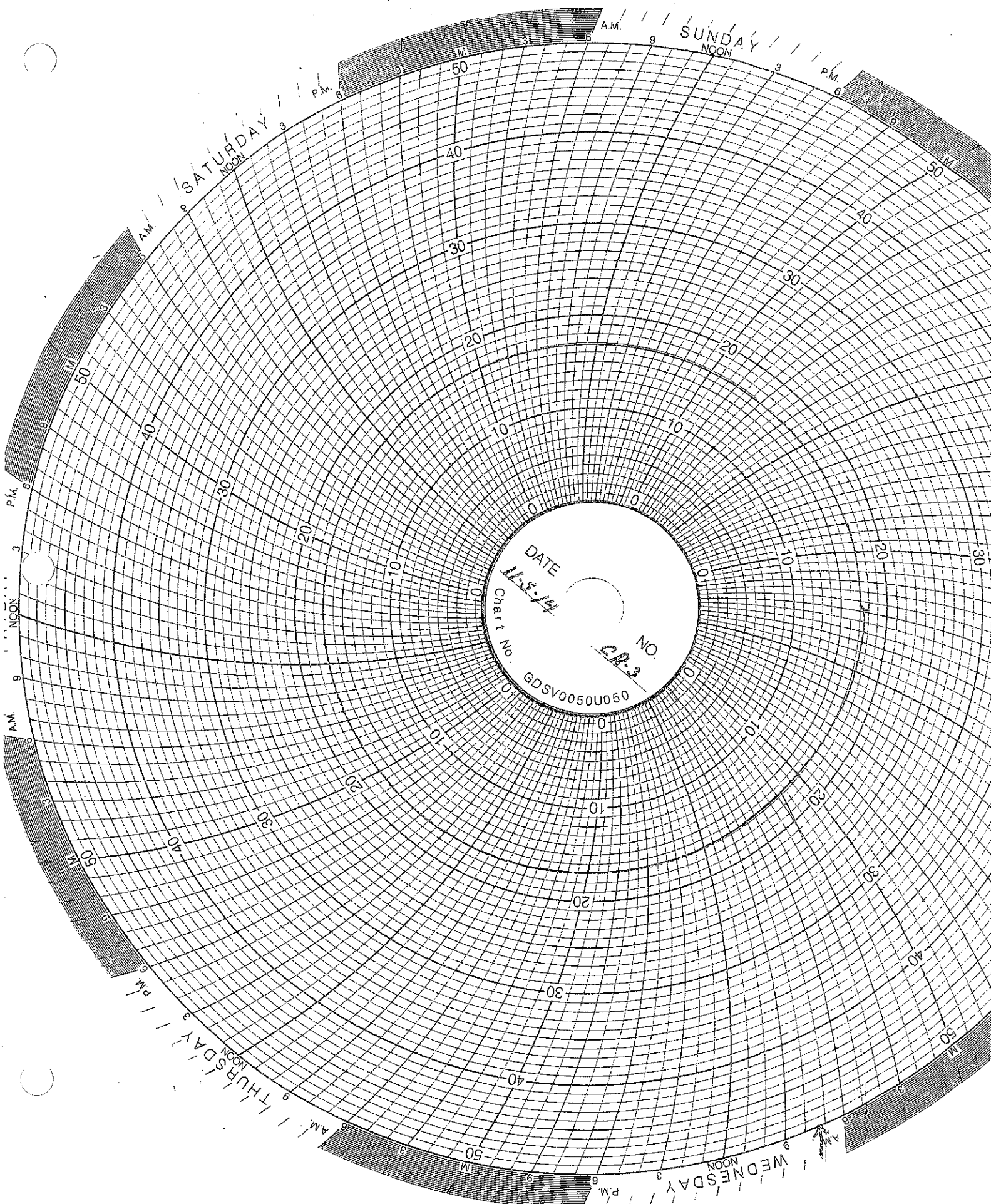
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NO.
CP-3

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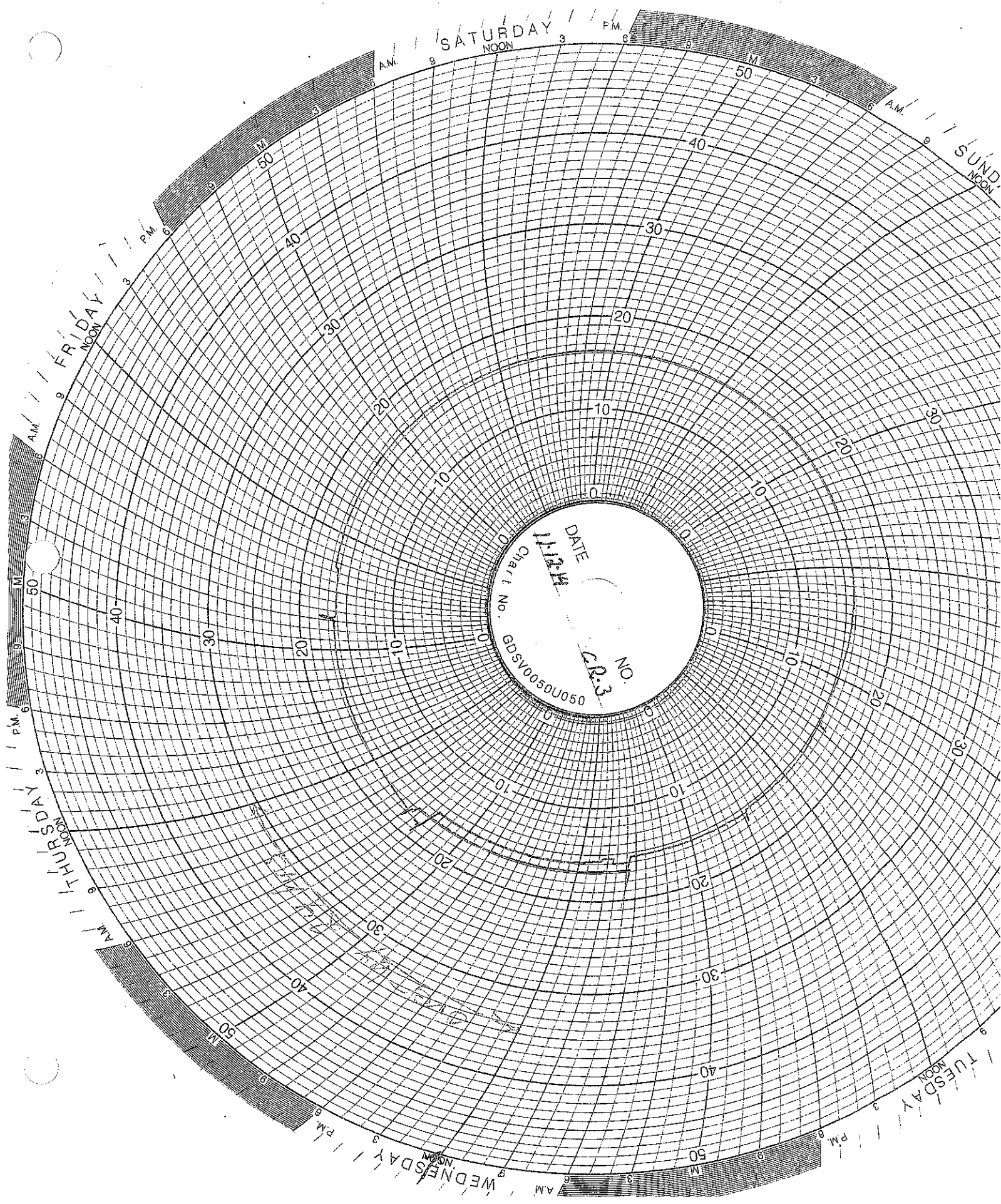
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Char 1 No. *GD5V0050U050*
NO. *283*

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THURSDAY
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SATURDAY
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SUNDAY
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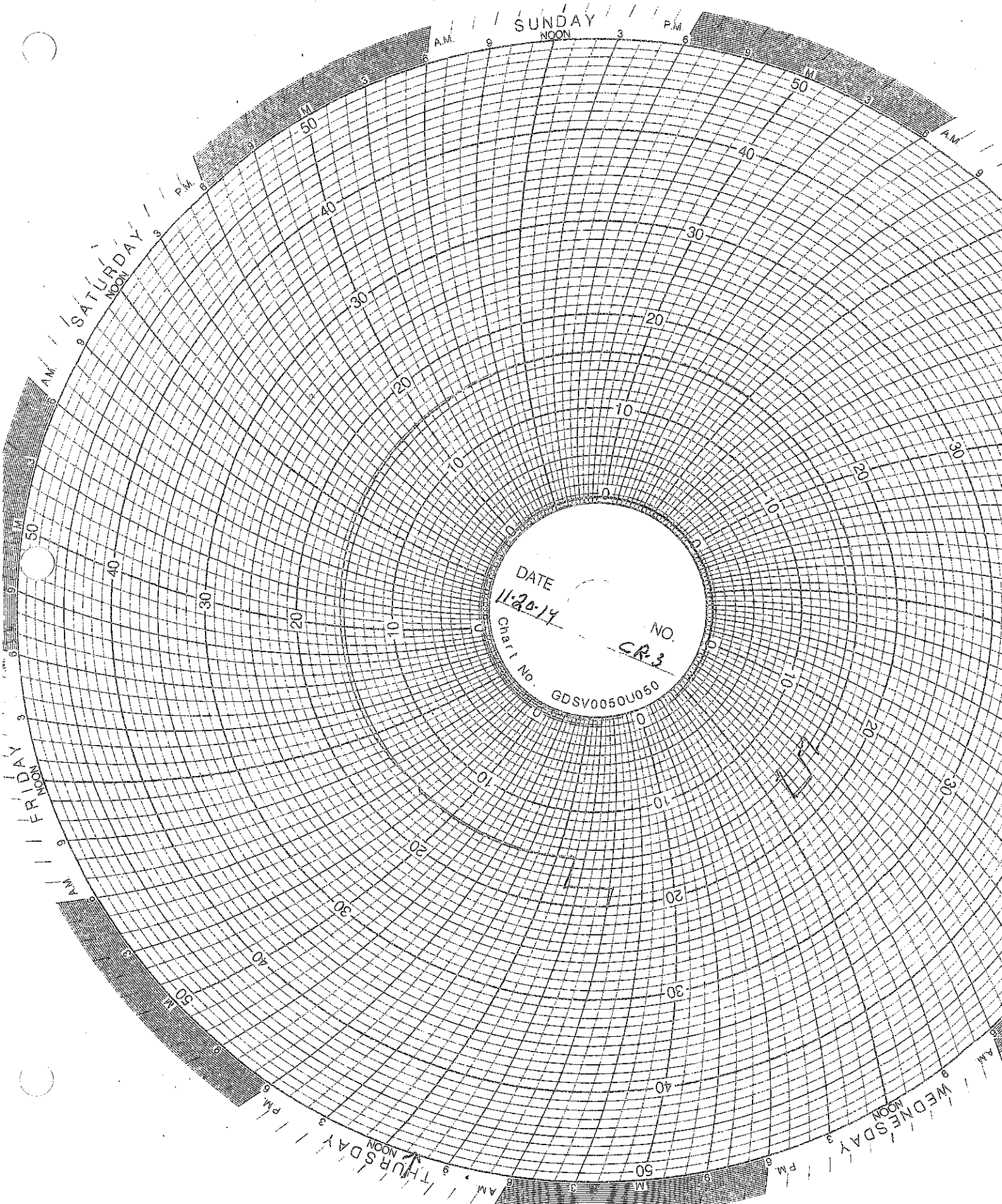
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TUESDAY
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11-2-54
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22-3



SUNDAY
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SATURDAY
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FRIDAY
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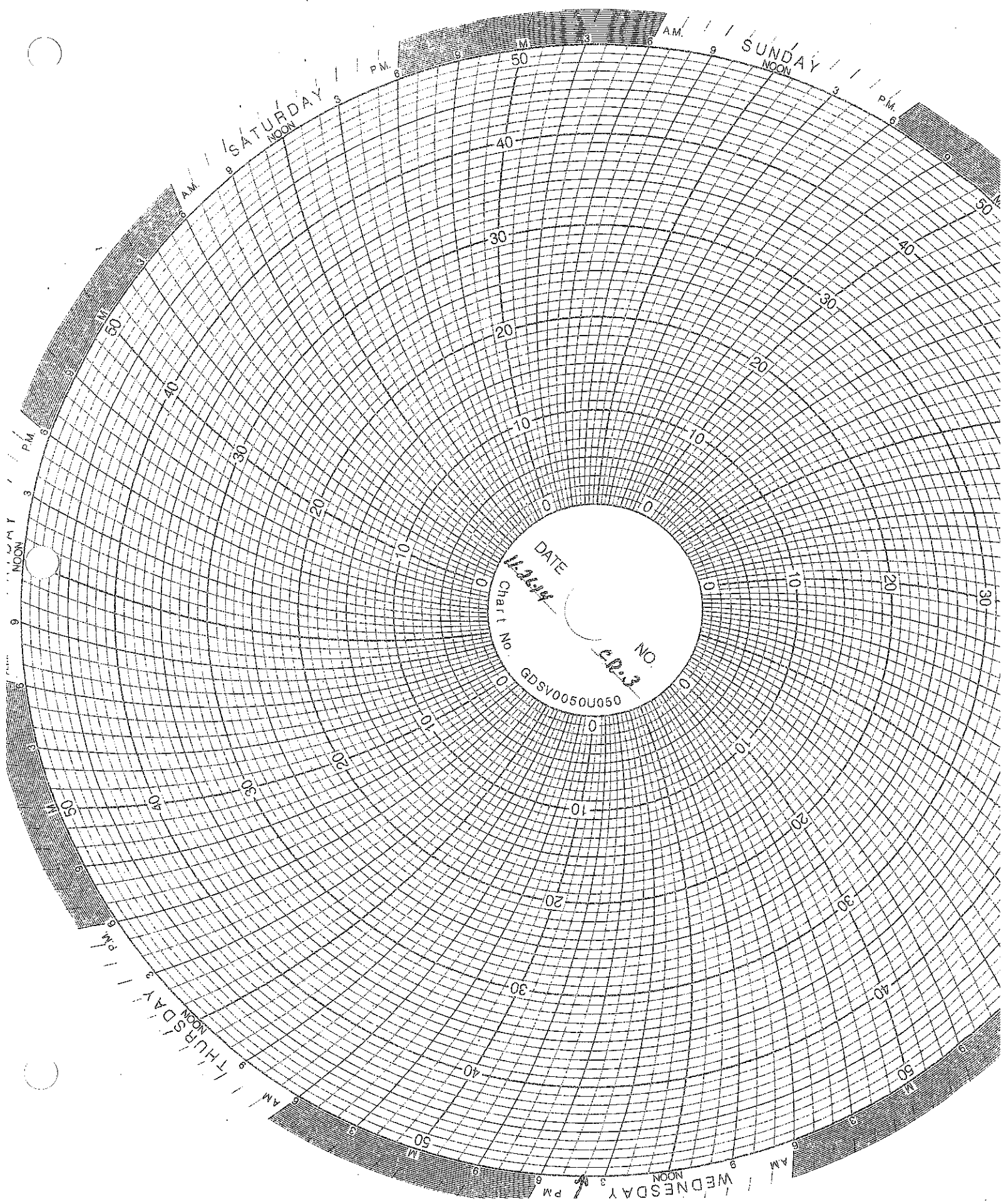
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DATE
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GR-3

Chart No.
GDSV0050U050



SATURDAY
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SUNDAY
NOON

WEDNESDAY
NOON

THURSDAY
NOON

DATE 11-22-54
Chart No. GDSV0050U050
NO. 2023

MAINTENANCE LOG

UIC Monthly Maintenance Log

11/24/2014	Replace annulus valve	Annulus bleed off valve was replaced on injection well 2 system.
11/25/2014	Replace SS line	Roto jet 1 discharge pipe going to injection well 1 was replaced.

CORROSION MONITORING

CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

Fiberglass

The fiberglass coupon is Red Box 2000 type and is 2-1/2 inches long by 1/2 inch wide and 1/4 inches thick. It is a dark orange (rust) in color with a glossy shine on one side a polished look on the opposite side and the cut edges look sanded.

Hastelloy

The hastelloy coupon is identified as C276 with serial number 1. The dimensions of the coupon are 3 inches long by 1/2 inch wide and 1/4 inch thick. The coupon is silver in color with a lightly sandblasted surface.

Stainless Steel

The stainless steel coupon is identified as 316L with serial number C1562. The dimensions of the coupon are 3 inches long by 1/2 inch wide and 1/4 inch thick. The coupon is silver in color with a lightly sandblasted surface.

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

November 21, 2014

Fiberglass Coupon

The fiberglass coupon is Red Box 200 type with dimensions of 2-1/2 inches long by 1/2 inch wide by 3/16 inches thick. It is dark orange (rust) in color with similar semi-smooth textures on both sides. Its cut edges appear sanded. It weighs 7.069 grams (see image below).



Fiberglass Coupon / 11-21-2014

Hastelloy Coupon

The Hastelloy coupon is identified as C276 with serial number 1. The dimensions of the coupon are 3 inches long by 1/2 inch wide by 1/16 inches thick. The coupon is silver in color with a lightly sandblasted texture. It weighs 13.320 grams (see image below).



Hastelloy Coupon / 11-21-2014

Stainless Steel Coupon

The Stainless Steel coupon is identified as 316 L with serial number C1562. The dimensions of the coupon are 3 inches long by 1/2 inch wide by 1/16 inches thick. The coupon is silver in color with a pock-marked texture. It weighs 9.386 grams (see image below).



Stainless Steel Coupon / 11-21-2014

October 2, 2014

TEST REPORT

PN 118325

PO Attn: John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

John Frost
Environmental Geo-Technologies, LLC
28470 Citrin Drive
Romulus, MI 48174

Prepared By:

Melissa Martin
Sr. Project Technician

Approved By:

Jim Drummond
Physical & Plastics Testing, Manager



An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02
ISO 9001:2008 Registered



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www.ardl.com

2887 Gilchrist Rd. | Akron, Ohio 44305 | answers@ardl.com
Toll Free (800) 830-ARDL | Worldwide (330) 794-6600 | Fax (330) 794-6610

October 2, 2014

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN118325

SUBJECT: Barcol Hardness on one material.
PO# Attn; John Frost

RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Results

Barcol Hardness, Instant

97

Prepared By:



Melissa Martin
Sr. Project Technician

st

Approved By:



Scott W. Yates
Plastics Testing Assistant Manager

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Toll Free (800) 830-ARDL | Worldwide (330) 794-6600 | Fax (330) 794-6610

Ghesquiere Plastic Testing, Inc.

20450 HARPER AVENUE
HARPER WOODS, MI 48225
PHONE (313) 885-3535
FAX (313) 885-1771

Report Date: June 16, 2014
Test Date: June 13 - 16, 2014

Report #1406-78499
Performed for:
Environmental Geo-Technologies, LLC
28470 Citrin Drive
Romulus, MI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.
(P. O. #Credit Card).

WORK PERFORMED:

Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Hardness test was performed in accordance with the procedures of ASTM D2583-13. One specimen was tested.

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	85

Specimen was returned to the client June 16, 2014.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

AWG/dm

GHESEQUIERE PLASTIC TESTING, INC.

20450 HARPER AVENUE
HARPER WOODS, MI 48225
PHONE (313) 885-3535
FAX (313) 885-1771

Report Date: February 17, 2014
Test Date: February 14 - 17, 2014

Report #1402-78036
Performed for:
Environmental Geo-Technologies
28470 Citrin Drive
Romulus, MI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.
(P. O. #Credit Card).

WORK PERFORMED:

Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Hardness test was performed in accordance with the procedures of ASTM D2583-13. One specimen was tested.

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1: 90

Specimen was returned to the client on February 17, 2014.

GHESEQUIERE PLASTIC TESTING, INC.


M. W. Ghesquiere
President

MWG/dm

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TOTAL 1 PAGES

Ghesquiere Plastic Testing, Inc.

20450 HARPER AVENUE
HARPER WOODS, MI 48225
PHONE (313) 885-3535
FAX (313) 885-1771

Report Date: November 15, 2013
Test Date: October 15 - November 14, 2013

Report #1310-77651
Performed for:
Environmental Geo-Technologies
28470 Citrin Drive
Romulus, MI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.
(P. O. #Credit Card).

WORK PERFORMED:

Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Hardness test was performed in accordance with the procedures of ASTM D2583-13. One specimen was tested.

RESULTS:


The following determination was made based upon the above test:

BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	90

Specimen is being returned with this report for further evaluation.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/kni

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TOTAL 1 PAGES

**INJECTION
FINGERPRINTS**

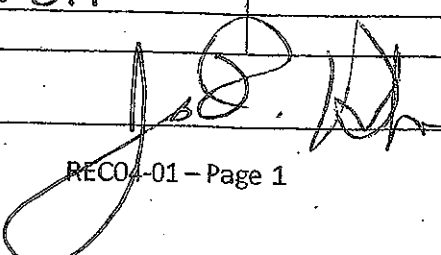
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/20/14
Receiving ID#	11201401
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	D.M.

COPY

LAB INFORMATION		ON-JOB TESTS ONLY	
All Waste Substrates			
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	140	Magnesium	
pH (S.U.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.16	TDS	12.37
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	46°F		
Conductivity	264.3 mS		
% Solids	12.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/26/14
Receiving ID#	517261401
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	EGT
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	[Signature]

COPY

WASTE INFORMATION		Oilfield Brines Only	
All Waste Streams			
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.16	TDS	8.9
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	56°F		
Conductivity	178.5mS		
% Solids	8.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	[Signature]		

**WASTE STREAMS
CHARACTERIZATIONS**