



TEMPERATURE LOG

FILE NO: MD11800 COMPANY HOLLY FRONTIER - NAVAJO
WELL NAVAJO REFINING WDW #4

API NO: 30-015-44677 FIELD ARTESIA
COUNTY EDDY STATE NEW MEXICO

Ver. 4.10 LOCATION: 1217' FSL & 2443' FWL
LOGGED INSIDE SECTION 23, T17S, R27E
4.5" CEMENTED UP N.M.P.M. SURVEY
DRILL PIPE

OTHER SERVICES

PERMANENT DATUM GL ELEVATION 3565.8 FT
LOG MEASURED FROM KB 20 FT ABOVE P.D.
DRILL. MEAS. FROM KB

ELEVATIONS:
KB 3565.8 FT
DF 3584.8 FT
GL 3565.8 FT

DATE 14-JUL-2018

RUN 1 TRIP 1

SERVICE ORDER 139917

DEPTH DRILLER 10327 FT

DEPTH LOGGER 10152 FT

BOTTOM LOGGED INTERVAL 10151 FT

TOP LOGGED INTERVAL 6000 FT

TIME STARTED 08:45

TIME FINISHED 13:30

OPERATOR RIG TIME 4.75 HOURS

TYPE OF FLUID IN HOLE FRESH

FLUID DENSITY 8.35 LB/G

FLUID SALINITY

FLUID LEVEL FULL

LOGGED CEMENT TOP

WELLHEAD PRESSURE 0 PSI

MAXIMUM HOLE DEVIATION

NOMINAL LOGGING SPEED 100 F/MN

MAX. RECORDED TEMP. 155 DEGF

REFERENCE LOG SBT-VDL-GR-CCL

REFERENCE LOG DATE 11-MAY-2018

EQUIP. NO. LOCATION HL6845 MIDLAND, TX

RECORDED BY B. TELLER

WITNESSED BY R. COOK

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
17.5 IN	80 FT	1680 FT
12.25 IN	1680 FT	10327 FT

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
13.375 IN	54.5 LB/F		0 FT	1680 FT
9.625 IN	47 LB/F		0 FT	10327 FT

REMARKS

RUN 1 TRIP 1: LOGGED INSIDE 4.5" 16.60# DRILL PIPE THAT IS CEMENTED UP INSIDE CASING & STUCK
LOOKS LIKE TOP OF CEMENT ABOUT 9670'
DRILL PIPE AT 9939' DRILLER, 9931' LOGGER
LOG NOT TIED IN TO PAST LOGS
RIG: PATRIOT #4
CREW: R.SANCHEZ / M. BORDELON

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
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RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	PWR	8250EA	11987888	FREE
1	1	TELEM	8248ED	11995674	FREE
1	1	TEMP	8221XA	095558	FREE

INSTRUMENT CONFIGURATION

Source File: /dat1a/md11800/RUN8/p353bTEMP~TEMP-tdg

A3 CABLEHEAD

PCM POWER SUPPLY

Diameter : 1.70"
Length : 3.86'
Weight : 18 lbs
Series : 8250EA
Mnemonic : PCM

TELEMETRY / CCL

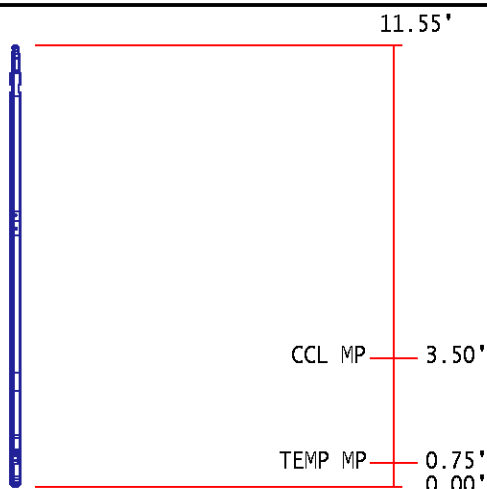
Diameter : 1.70"
Length : 4.46'
Weight : 20 lbs
Series : 8248ED
Mnemonic : PCM
Measure Point: 1.00': CCL MP

TEMPERATURE TOOL

Diameter : 1.70"
Length : 2.38'

BULL PLUG 1 11/16

TOTAL LENGTH: 11.55'
TOTAL WEIGHT: 53 lbs
MAX DIAMETER: 0'1.70"



TEMPERATURE LOG

ECLIPS 7.0i ECLIPS General Release Rel 7.0i Thu Jun 08 20:36:10 CDT 2017
Patches: 3

Plotted: Sat Jul 14 13:49:50 2018

PARAMETER AND FILTER SUMMARY REPORT

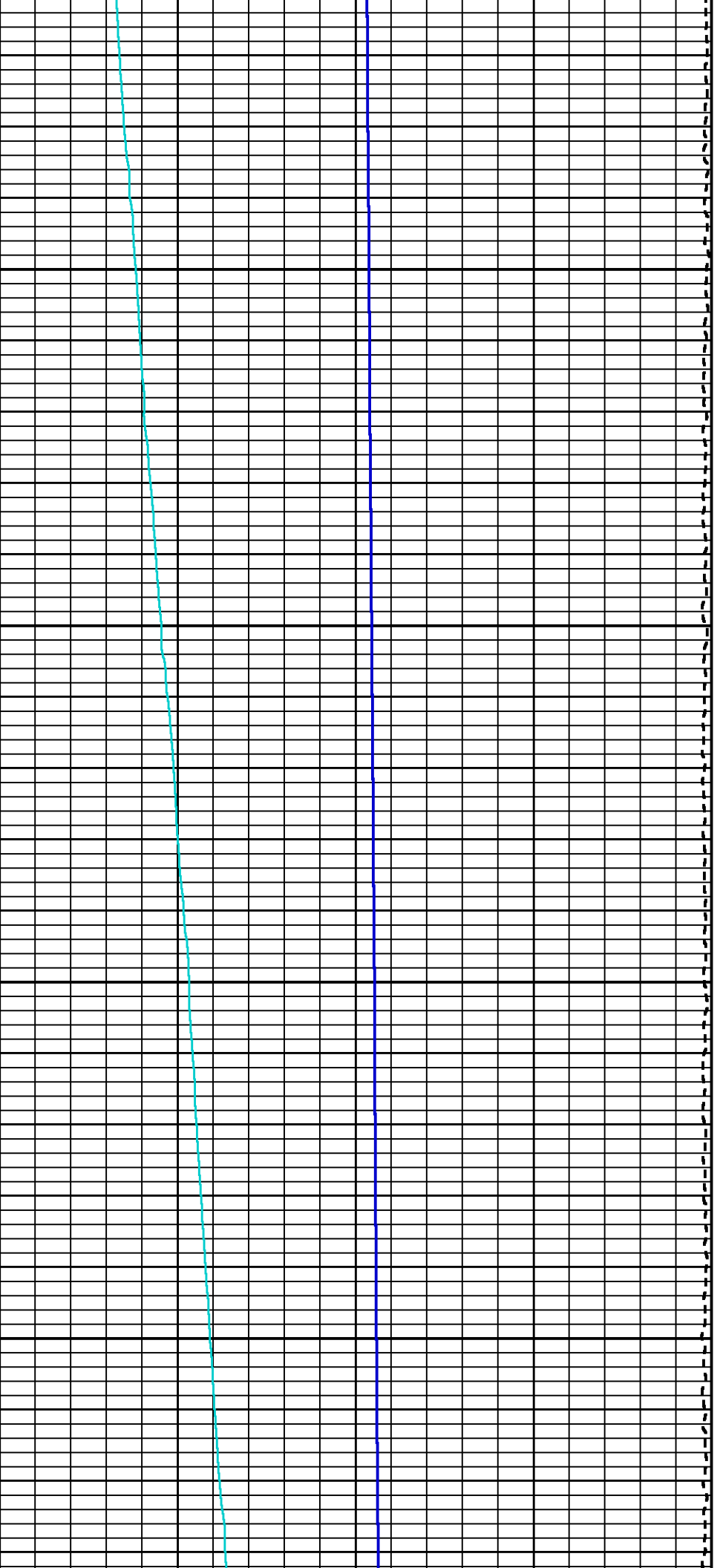
FILE: /dat1a/md11800/RUN8/p353bTEMP02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 5072.875 ft BOTTOM DEPTH: 10170.363 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium (1)		TOP	BOTTOM
TEMP	FILTER ()	medium (1)		"	"

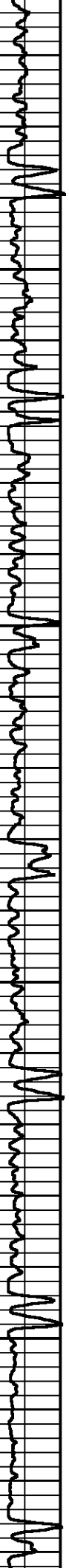
CURVE DESCRIPTION REPORT

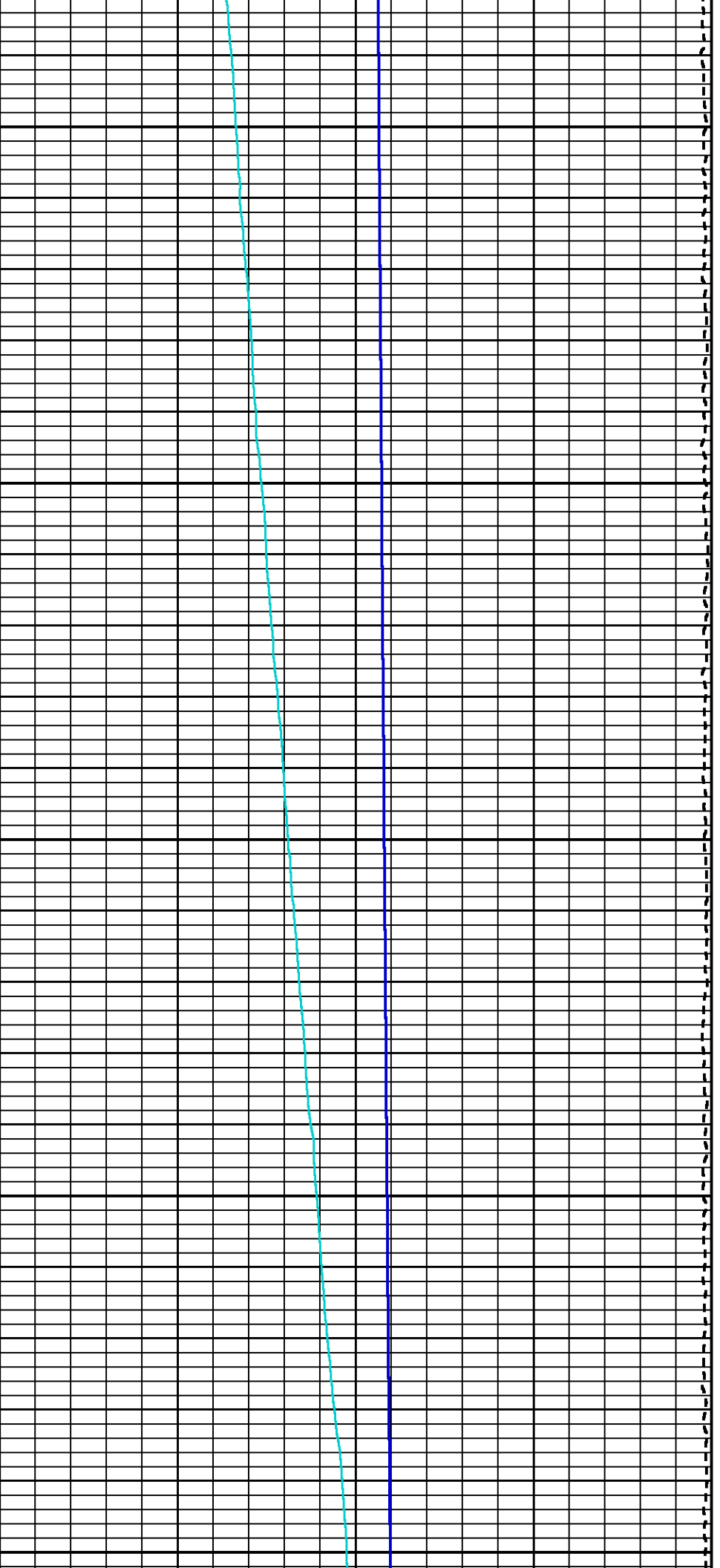
CURVE NAME	CREATION DATE	CURVE DESCRIPTION
E1-CCL-CH	N/A	CASING COLLAR LOCATOR



6200

6300

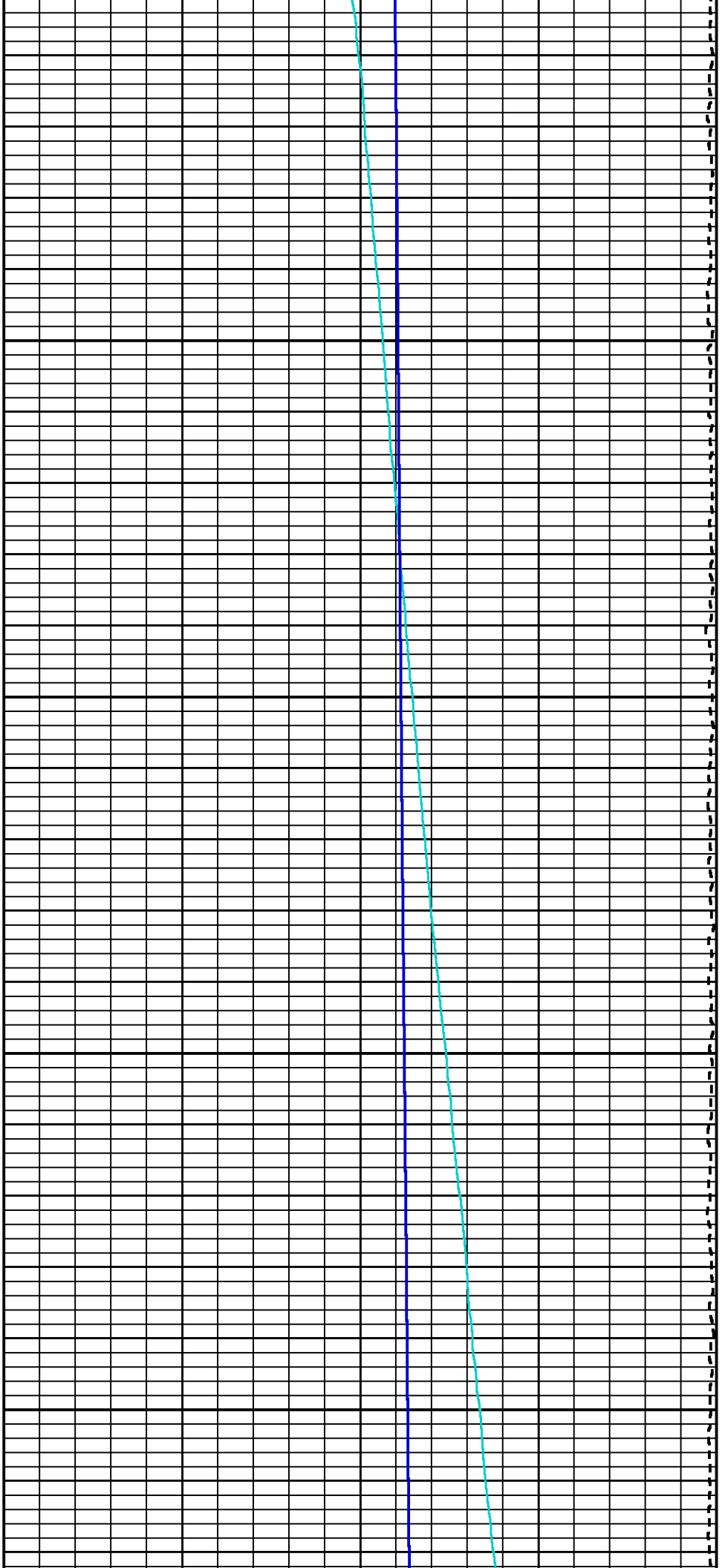




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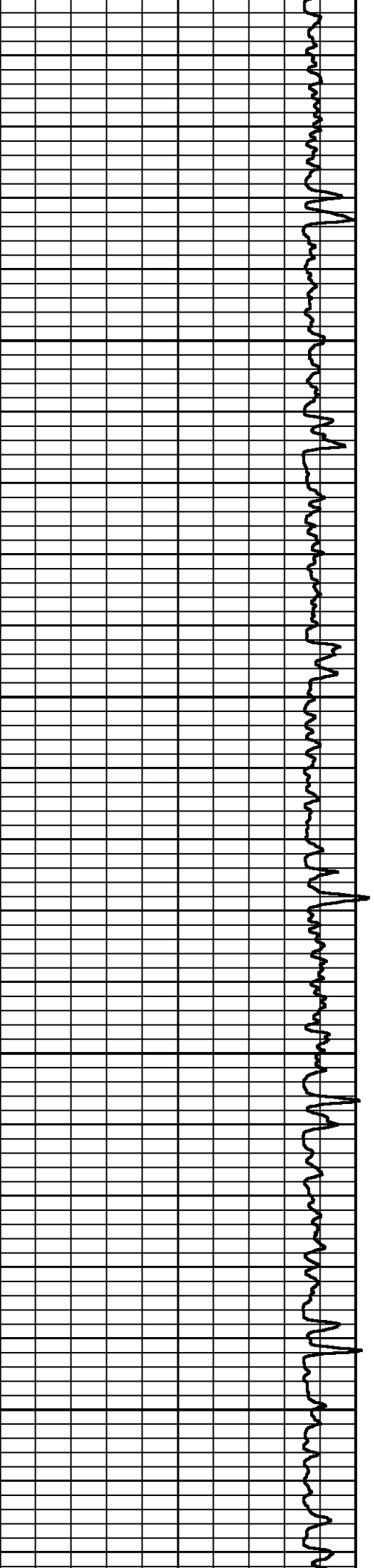
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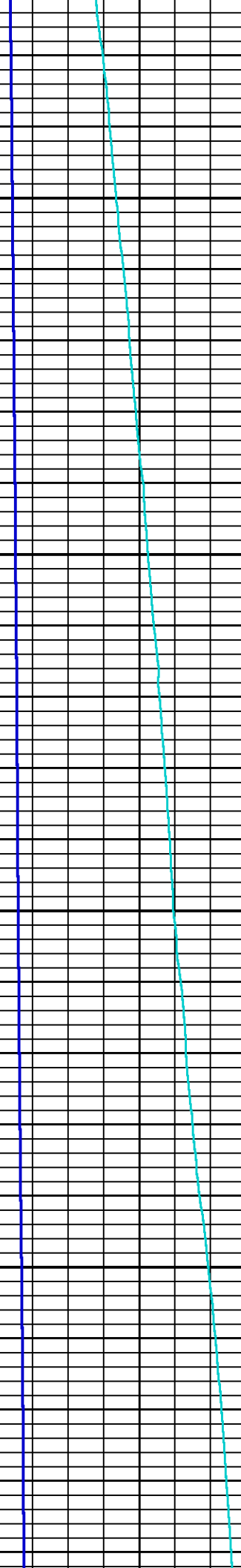
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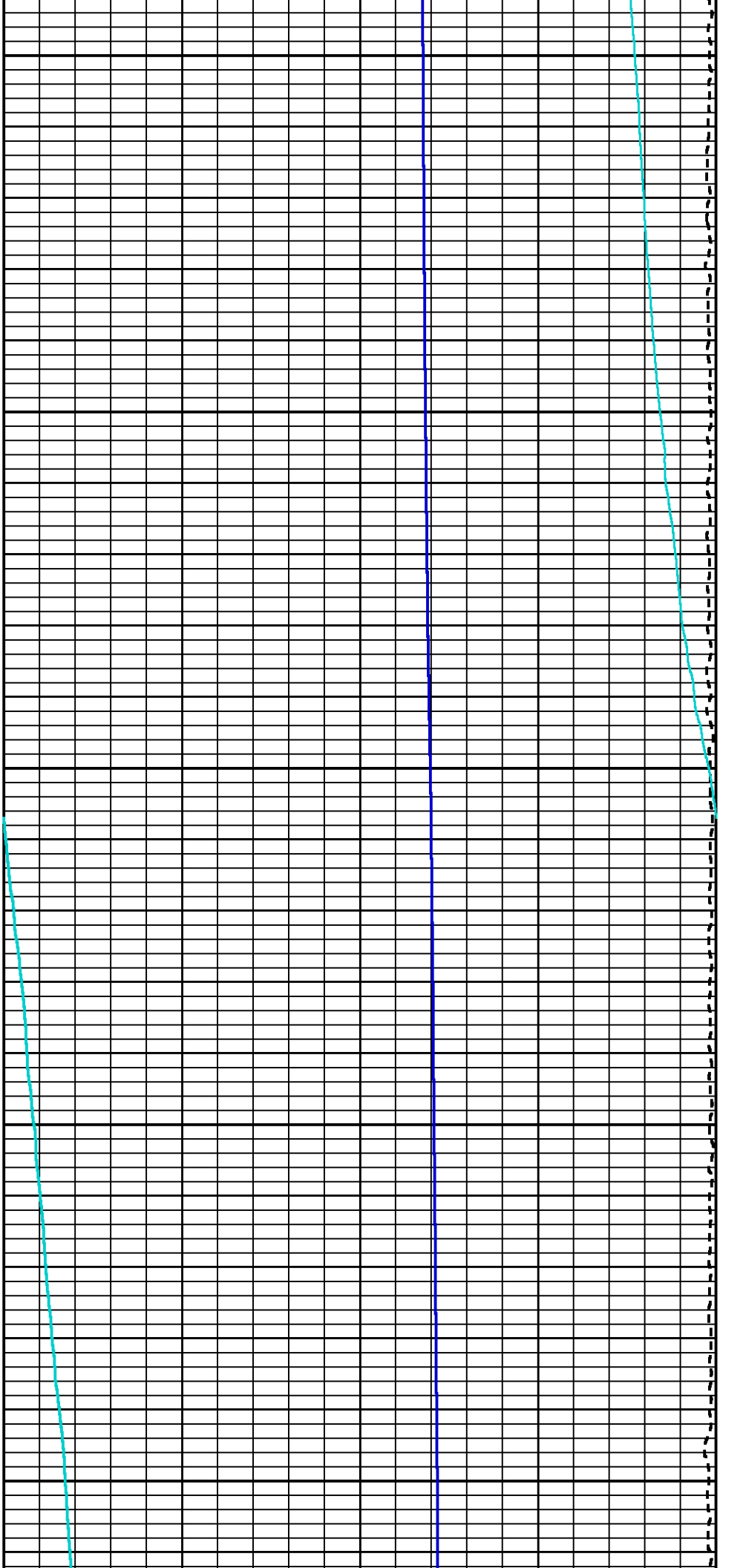


6800

6900

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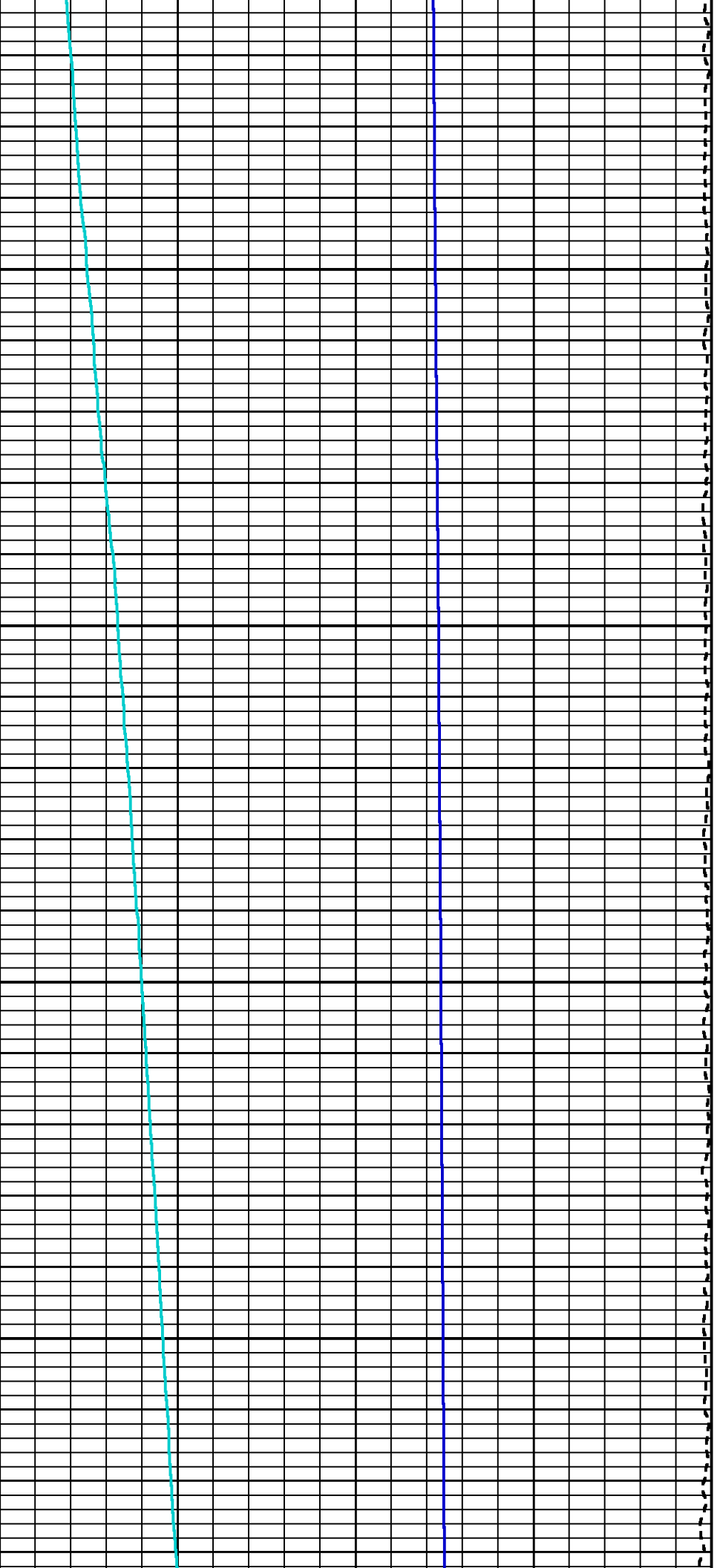


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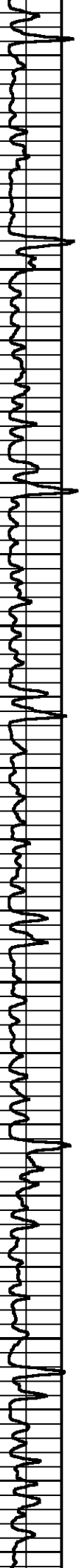
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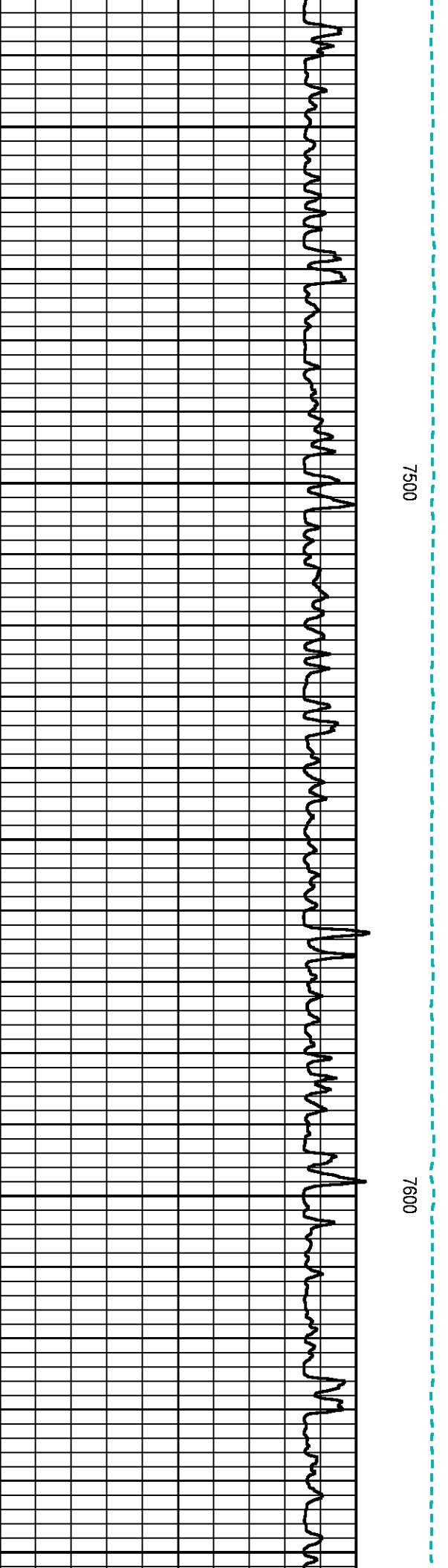
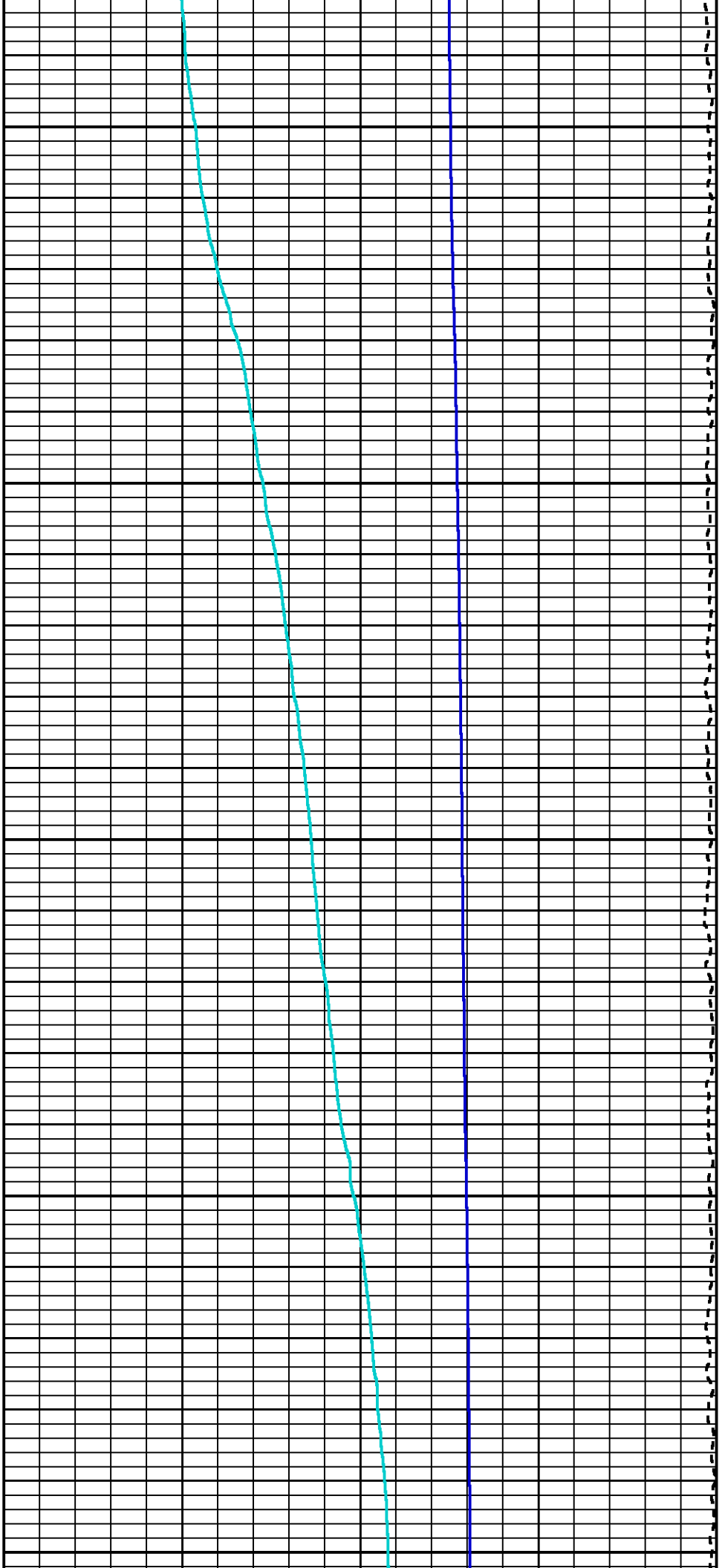




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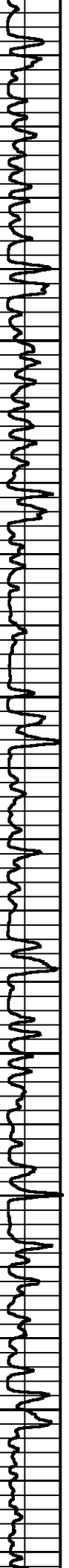


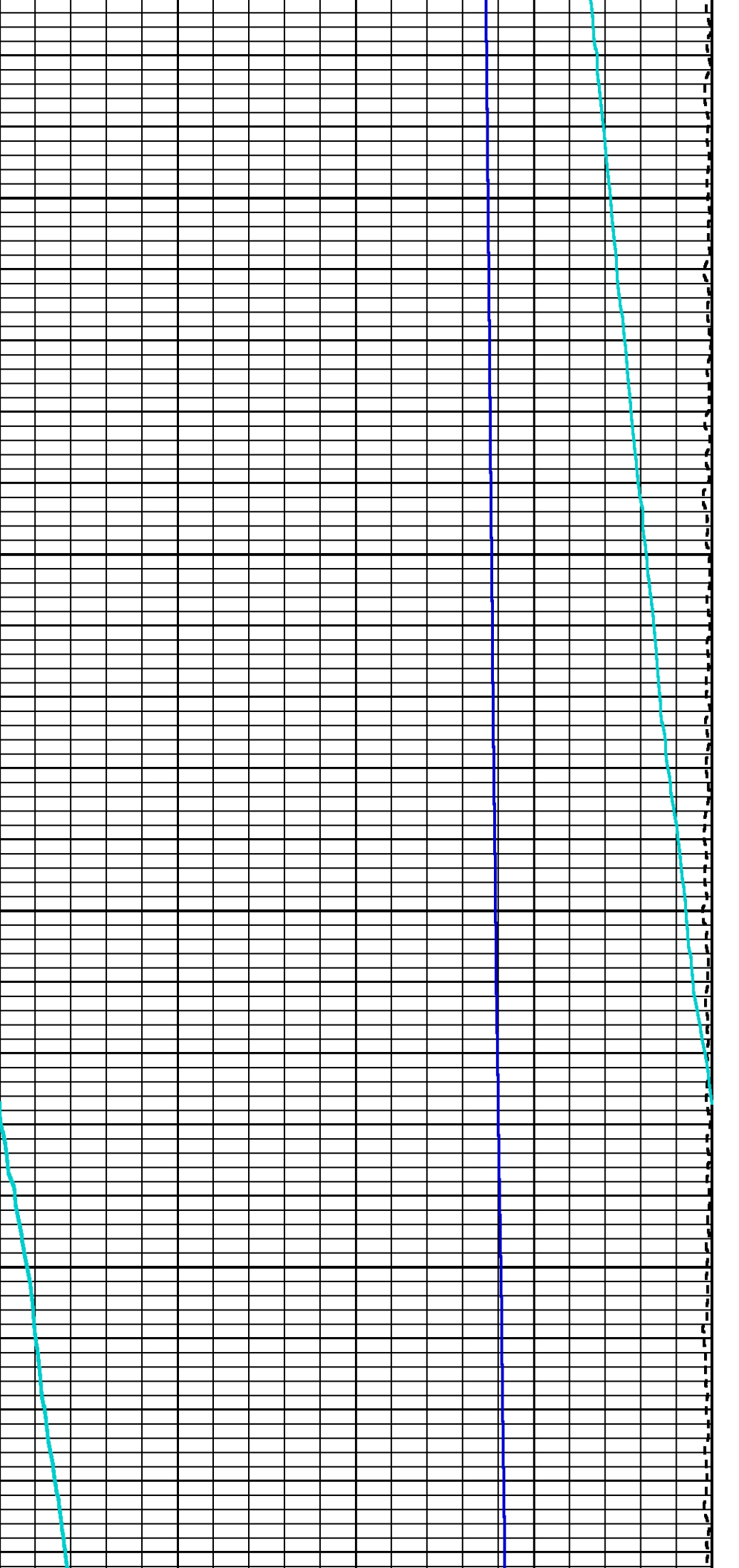




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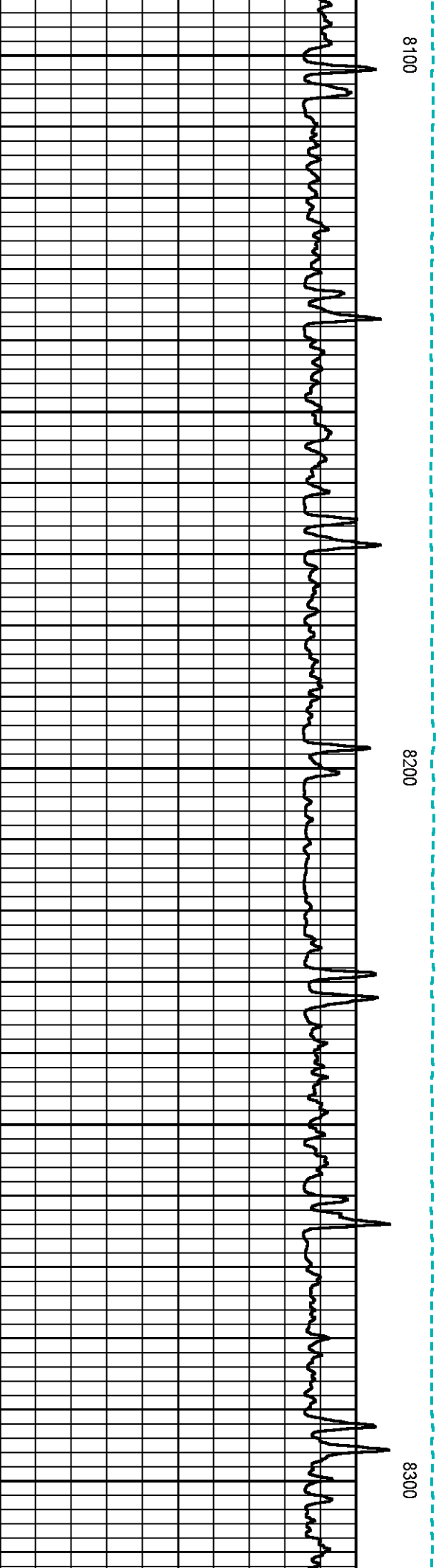


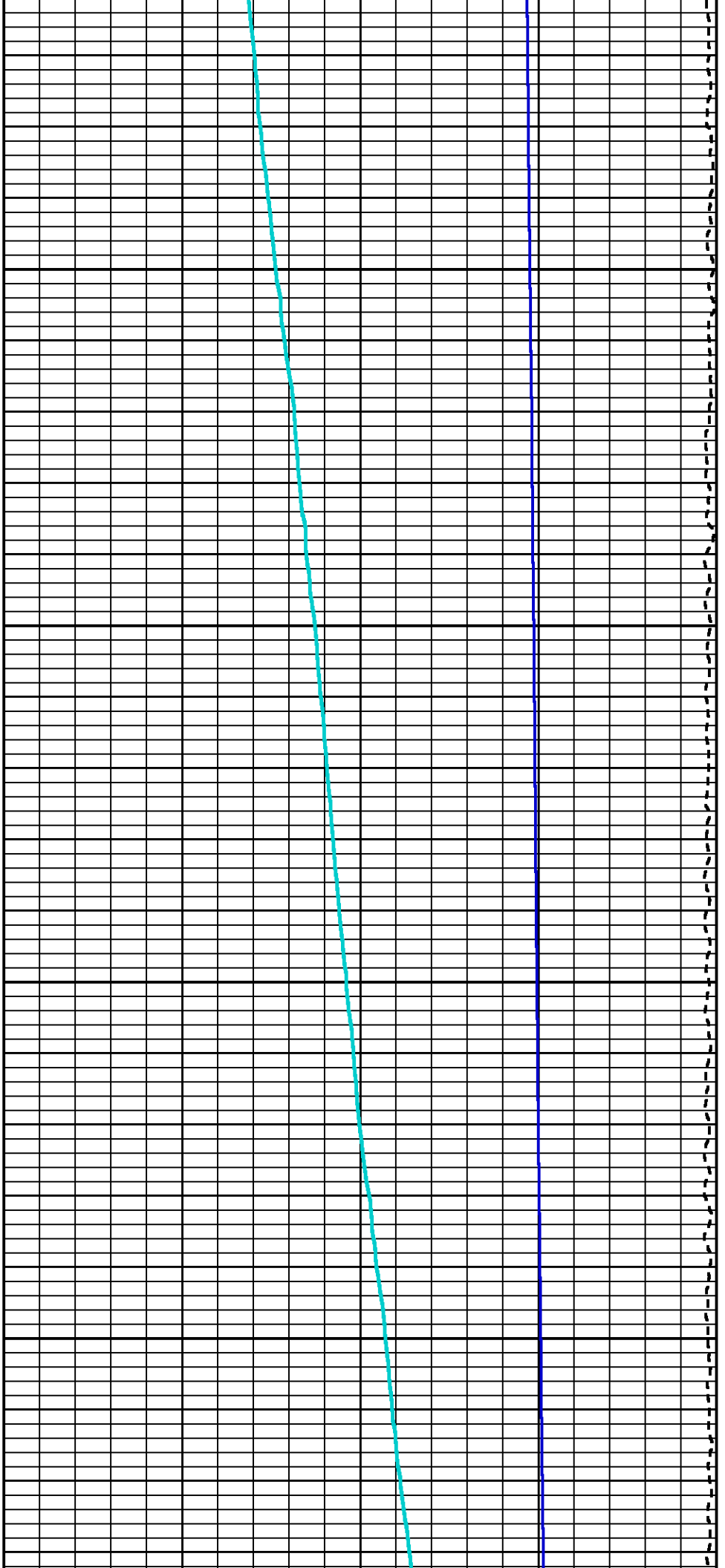


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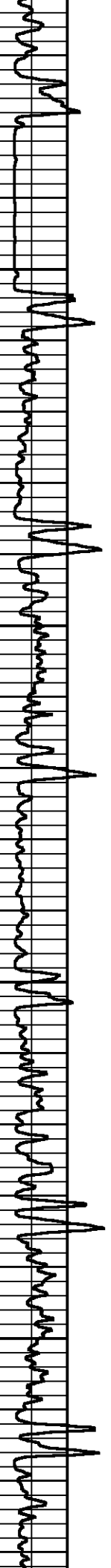
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8400

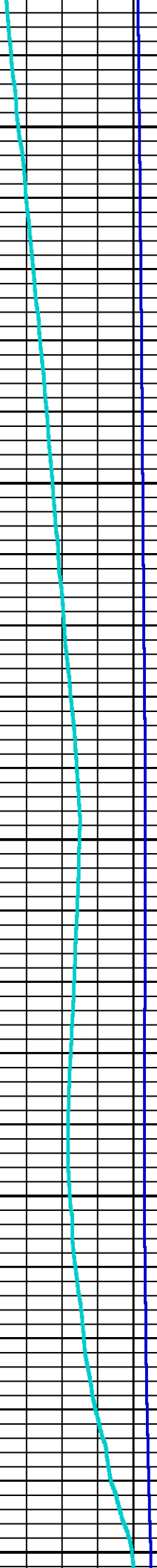
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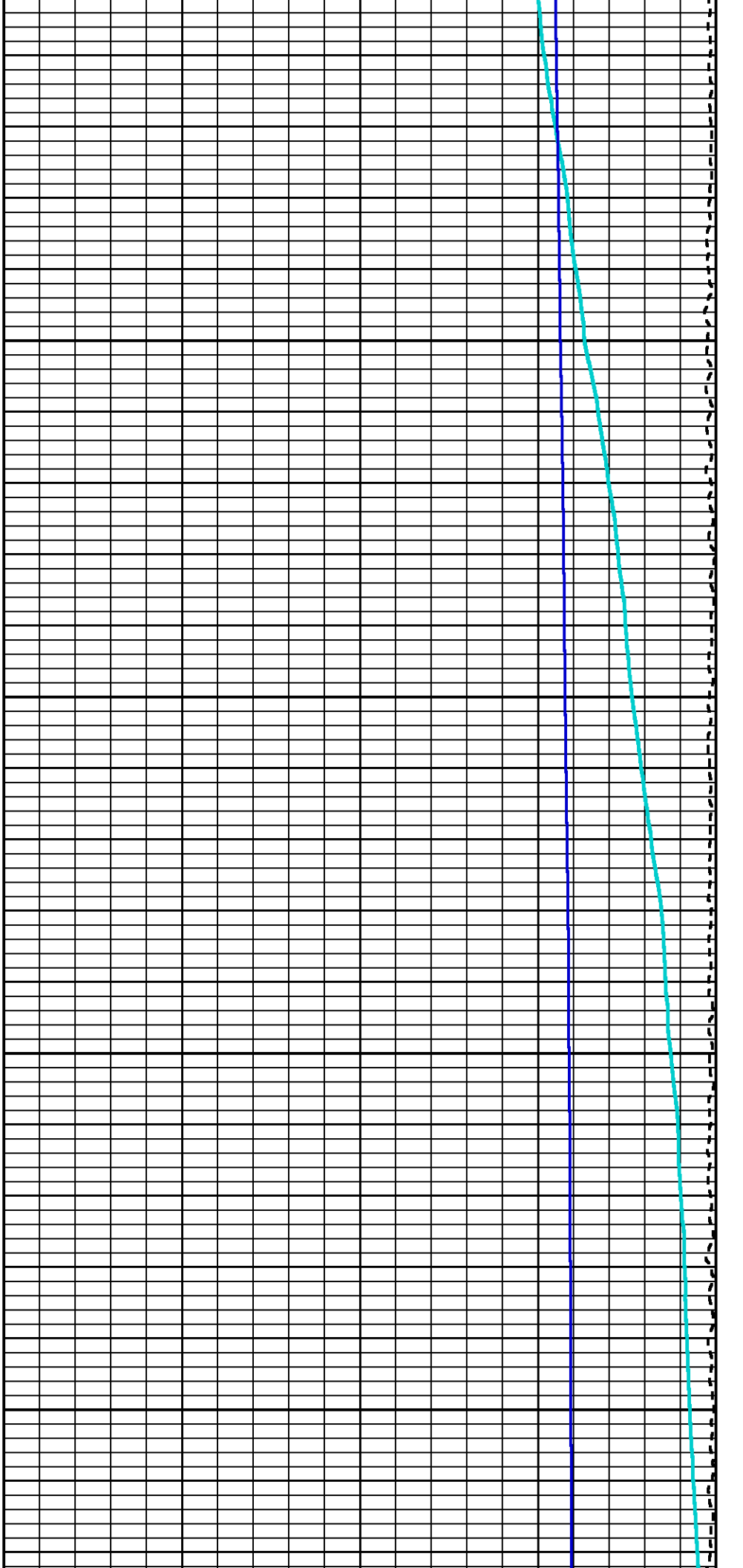


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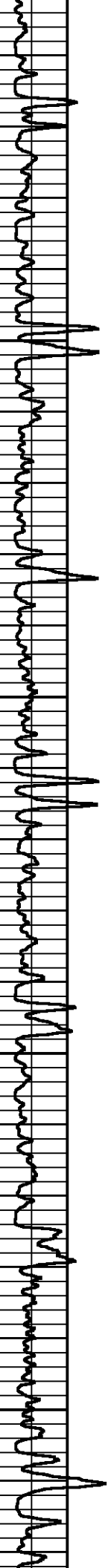
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8800

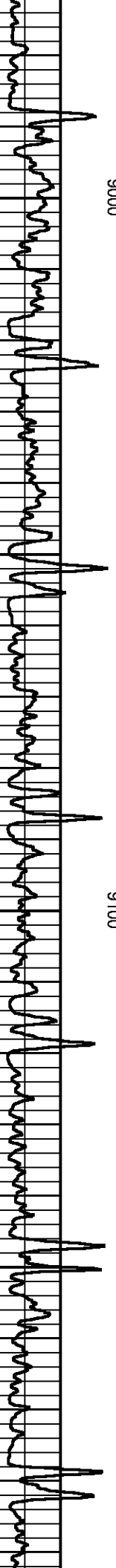
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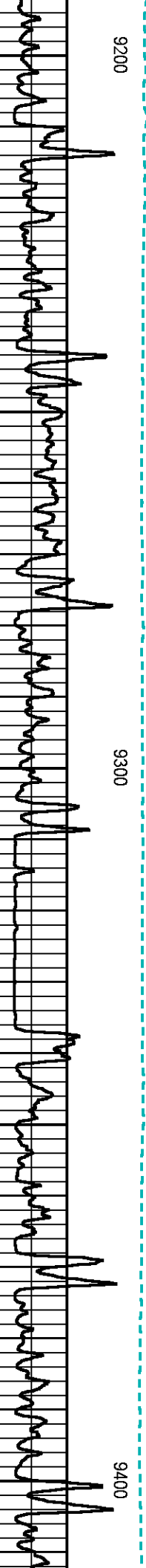
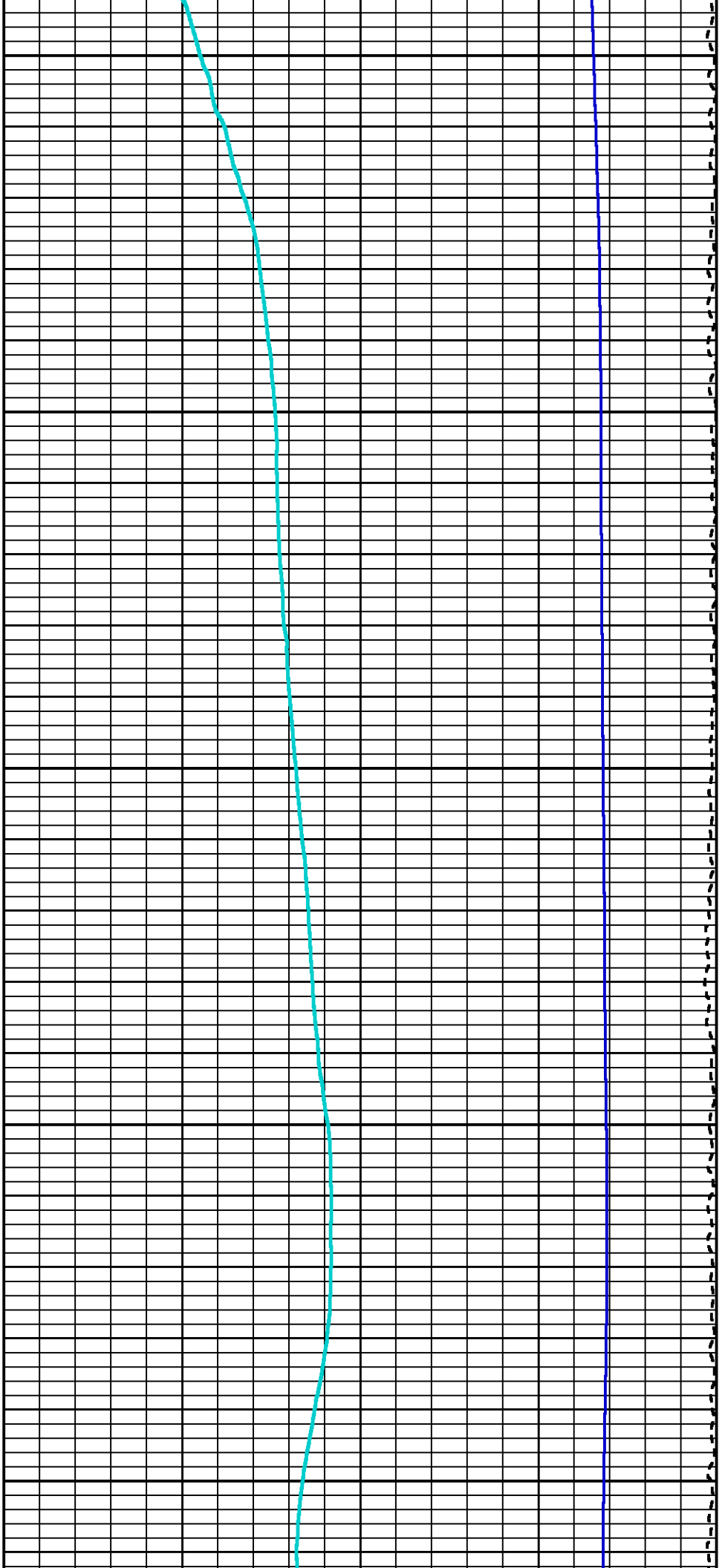


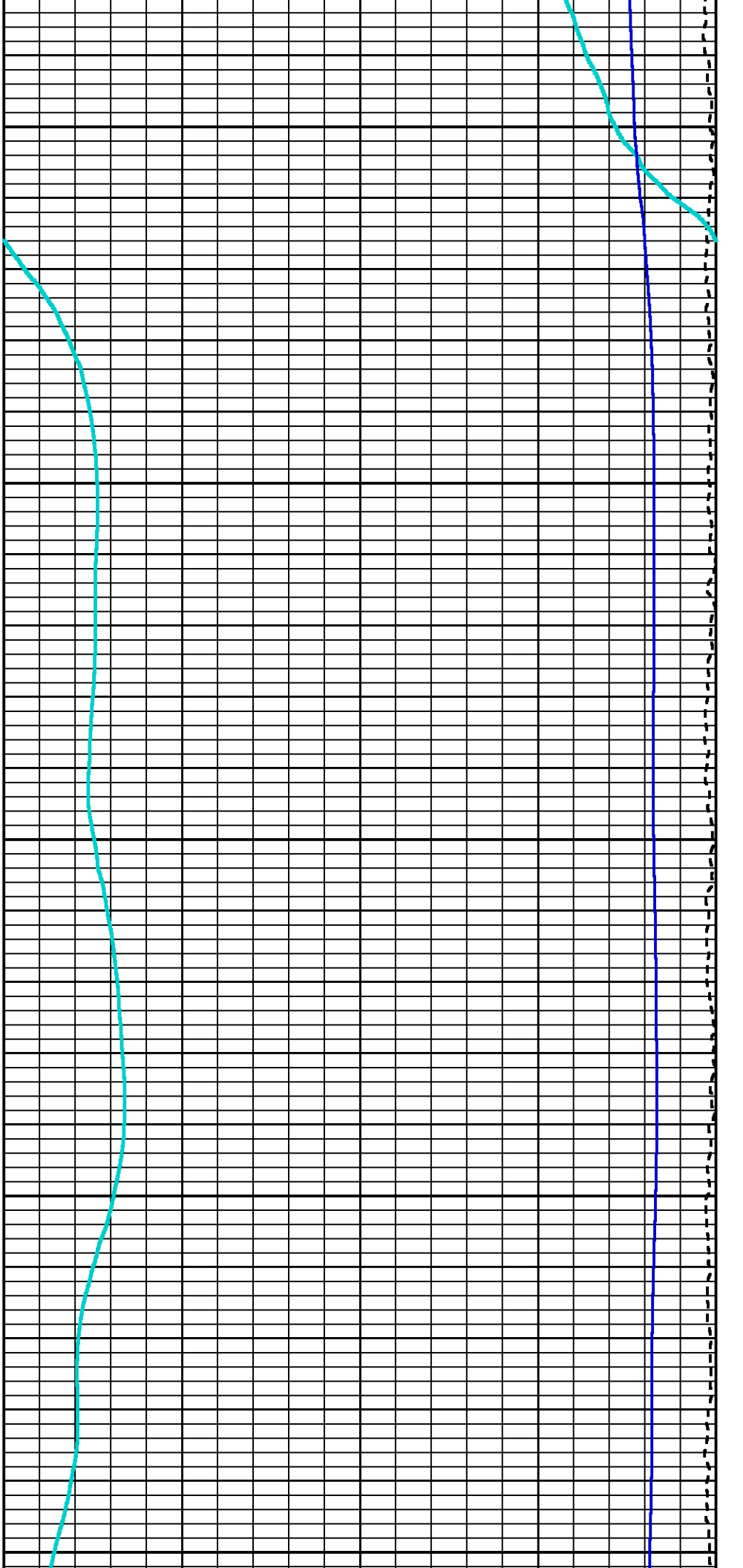


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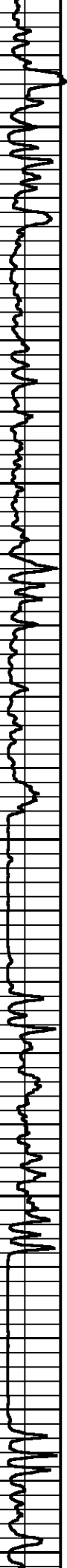


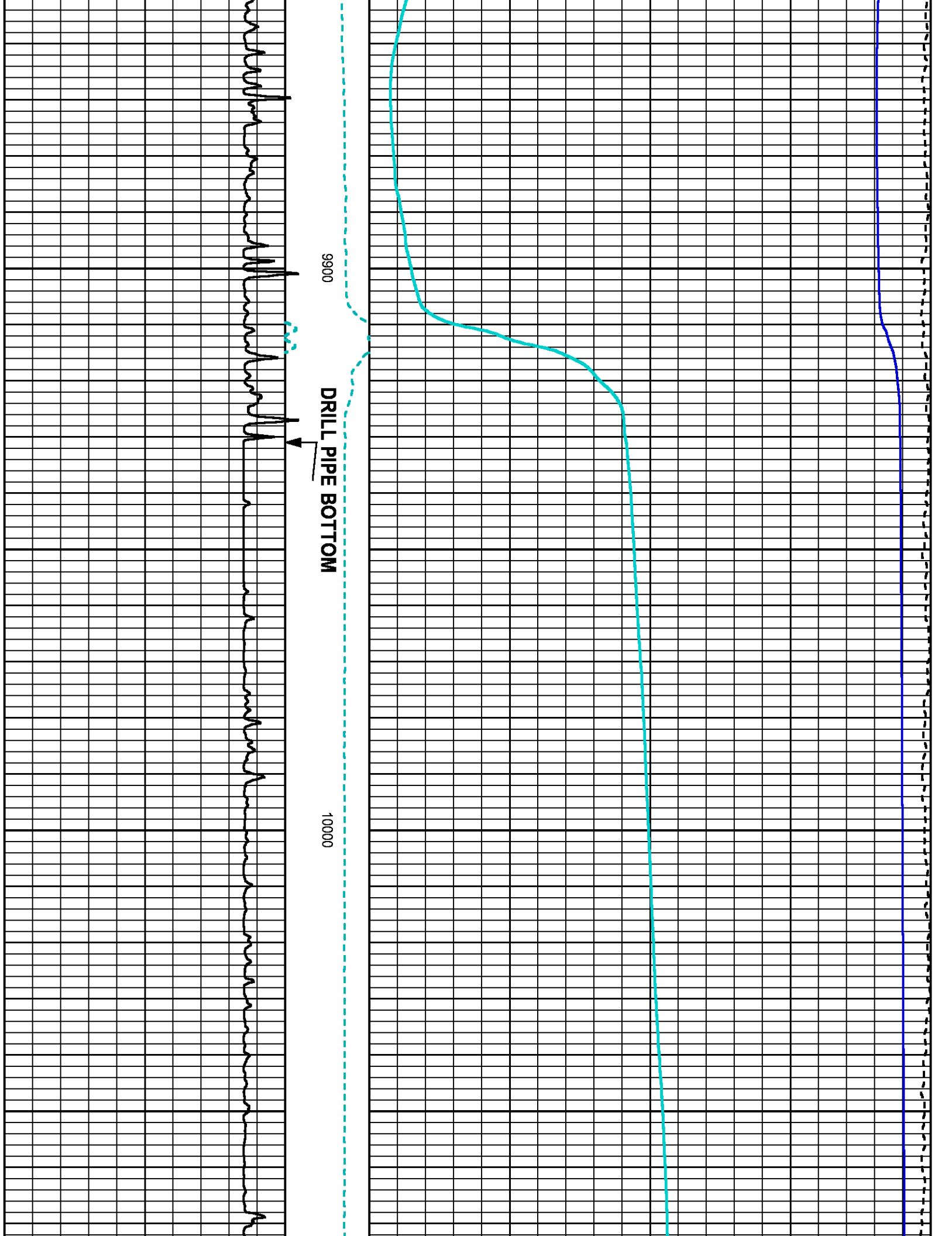


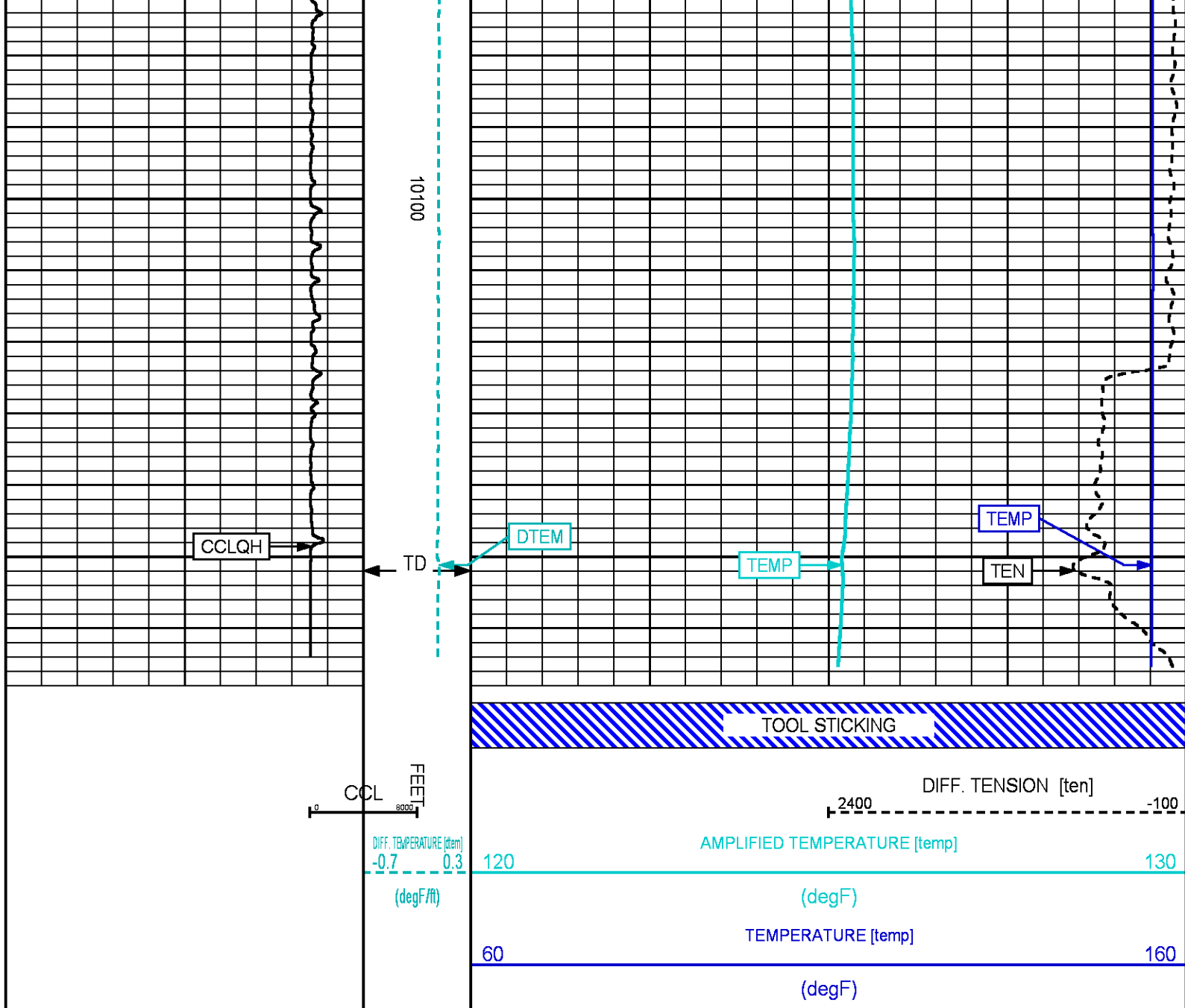


9700

9800







**BAKER
HUGHES**
a GE company



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WELL
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NAVAJO REFINING WDW #4
ARTESIA
EDDY

STATE **NEW MEXICO**

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