

# BAKER HUGHES

Baker Atlas



FILE NO: \_\_\_\_\_ COMPANY: **BRIDGE ENERGY**  
 WELL: **MAY 1-13**  
 FIELD: **WILDCAT**  
 COUNTY: **BLAINE** PAYETTE: \_\_\_\_\_ STATE: **IDAHO**

APN NO: **11-075-20017**  
 VGR: **3.87** LOCATION: **NW/4 NE/4**  
 SEC: **15** TWP: **24N** RGE: **3E**  
 OTHER SERVICES: **NUAC SMC**

PERMANENT DATUM: **G.L.** ELEVATION: **2189.8 FT**  
 LOG MEASURED FROM: **K.B.** **17.0 FT** ABOVE P.D.  
 DRILL MEAS. FROM: **K.B.**  
 ELEVATIONS: **KB 2189.8 FT**  
**DF 2189.8 FT**  
**OL 2189.8 FT**

DATE	TRIP	1	1
SERVICE ORDER		589631	
DEPTH DRILLER		6512 FT	
DEPTH LOGGER		6492 FT	
BOTTOM LOGGED INTERVAL		6442 FT	
TOP LOGGED INTERVAL		630 FT	
CALIPER DRILLER		9.625 IN	0 630 FT
CALIPER LOGGER		630 FT	
BR. SIZE		8.75 IN	
TYPE OF FLUID IN HOLE		S.B.M.	
DENSITY	VISCOSITY	9.5 LB/G	62 S
PH	FLUID LOSS	NA	NA
SOURCE OF SAMPLE	CIRCULATION TANK		
RM AT MEAS. TEMP.		NA	0
RM AT MEAS. TEMP.		NA	0
RM AT MEAS. TEMP.		NA	0
SOURCE OF RMF	RMF	NA	0
RM AT BHT		NA	0 280 DEGF
TIME SINCE CIRCULATION		17 HOURS	
MAX. RECORDED TEMP.		280 DEGF	
EQUIP. NO.	LOCATION	NA-4232	FULLON
RECORDED BY		VERCILLIAX	
WITNESSED BY		C. NERUD / RON RICHARDS	

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE 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.

**REMARKS**

RUN 1 TRIP 1: CYOL COMPUTED USING 5.50" CASING (EVOL, CVOL UNITS IN CUBIC FEET)  
 CALIPER VERIFIED IN CASING

RHO M = 2.85 G/CC RHO F = 0.9 G/CC  
 MATRIX = SANDTONE  
 DELT M = 51.3 MIC/FT

THANKS FOR USING BAKER ATLAS  
 CREW: LAPPOINT / DANKLEFSEN  
 RIG: RAZORBACK

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RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	WTS	3514XB	10187801	FREE
1	1	98 35 32	1328XB	10203301	RECENTRALIZED
1	1	98 35 32	2446XA	10183301	RECENTRALIZED
1	1	98 35 32	2234XA	10320532	RECENTRALIZED / BLD

1	1	KVCKL	38382A	10143808	FREE
1	1	HDIL	1515EA / MA	10340485 / 10307148	1.5" STANDOFFS
1	1	CENT	43412A	10162301	CENTRALIZED 4-ARM
1	1	XMAC	15772L / 15784R	10078815 / 10338528	CENTRALIZED
1	1	ISO	102231	1022034	FREE
1	1	XMAC	12285A / F	10148341 / 70375	CENTRALIZED

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## MAIN LOG 5"/100FT SCALE

ECLIPS 6.11 Aug 06, 2010

Sat Oct 2 16:02:43 2010

Parplot /main/62

Cplot

Pdf\_Cpp /main/16

Fileview 5.50

### PARAMETER AND FILTER SUMMARY REPORT

File: /data/585631/w771104.prm  
 LOGGING MODE: DEPTH      DIRECTION: UP  
 TOP DEPTH: 5951.740 ft      BOTTOM DEPTH: 8507.405 ft

#### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
Y AXIS CALIPER	FILTER ( )	medium (1)		TOP      BOTTOM
TENSION	FILTER ( )	medium (1)		"      "
GR	FILTER ( )	medium (1)		"      "
CN	FILTER ( )	medium (1)		"      "
CALIPER	FILTER ( )	medium (1)		"      "
	FILTER (.h)	medium (1)		"      "
	FILTER (.l)	medium (1)		"      "
ZDL MED RES	FILTER (hrd1*)	medium		"      "
	FILTER (hrd1a*)	medium		"      "
	FILTER (hrd2*)	medium		"      "
	FILTER (hrd2a*)	medium		"      "

#### BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	5.500	1in	TOP      BOTTOM
	CASING THICKNESS	0.000	1in	"      "
BIT SIZE	BIT SIZE	8.750	1in	"      "
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"      "
	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"      "
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	8.750	1in	"      "
	FIXED DIAMETER (cnbh*)	8.750	1in	"      "
BH MUD RESISTIVITY SOURCE	MUD SOURCE (HDIL)	OIL BASE MUD		"      "

#### CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
2448 CN MATRIX	2448 MATRIX	SANDSTONE		TOP      BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	"      "
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		"      "
	BIT SIZE BEHIND CSNG	7.875	1in	"      "

#### ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
DENSITY POROSITY	RHOc (r/s)	1.850	g/cm3	TOP      BOTTOM
	RHOm (r/s)	0.900	g/cm3	"      "
ZDL	DESK TRACKING	CN		"      "

#### HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)

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MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTMP		TOP BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		" " "
	ABC to CALCULATE	STANDOFF		" " "
	STANDOFF	0.70	1m	" " "
	TOOL POSITION	ECCENTRICED		" " "
	Rmud MULTIPLIER	1.000		" " "

PARAMETER AND FILTER SUMMARY REPORT

File: /data/585831/m777v01.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 571.750 ft BOTTOM DEPTH: 5337.750 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
Y AXIS CALIPER	FILTER ( )	medium (1)		TOP BOTTOM
TENSION	FILTER ( )	medium (1)		" " "
GR	FILTER ( )	medium (1)		" " "
CN	FILTER ( )	medium (1)		" " "
CALIPER	FILTER ( )	medium (1)		" " "
	FILTER (.h)	medium (1)		" " "
	FILTER (.l)	medium (1)		" " "
ZDL MED RES	FILTER (hrd1*)	medium		" " "
	FILTER (hrd1a*)	medium		" " "
	FILTER (hrd2*)	medium		" " "
	FILTER (hrd2a*)	medium		" " "

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	5.500	1m	TOP BOTTOM
	CASING THICKNESS	0.000	1m	" " "
BIT SIZE	BIT SIZE	8.750	1m	" " "
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		" " "
	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		" " "
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	8.750	1m	" " "
	FIXED DIAMETER (mbh*)	8.750	1m	" " "
BH MUD RESISTIVITY SOURCE	Rmud SOURCE (HDIL)	OIL BASE MUD		" " "

CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
2448 CN MATRIX	2448 MATRIX	SANDSTONE		TOP BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	" " "
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		" " "
	BIT SIZE BEHIND CSNG	7.875	1m	" " "

ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
DENSITY POROSITY	RHDmatrix	2.650	g/cm3	TOP BOTTOM
	RHDfluid	0.900	g/cm3	" " "
ZDL	DEKX TRACKING	ON		" " "

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTMP		TOP BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		" " "
	ABC to CALCULATE	STANDOFF		" " "
	STANDOFF	0.70	1m	" " "
	TOOL POSITION	ECCENTRICED		" " "
	Rmud MULTIPLIER	1.000		" " "

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CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Oct 2 12:00:11 2010	BIT SIZE
F1:BVOL	Oct 2 12:00:11 2010	BOREHOLE VOLUME

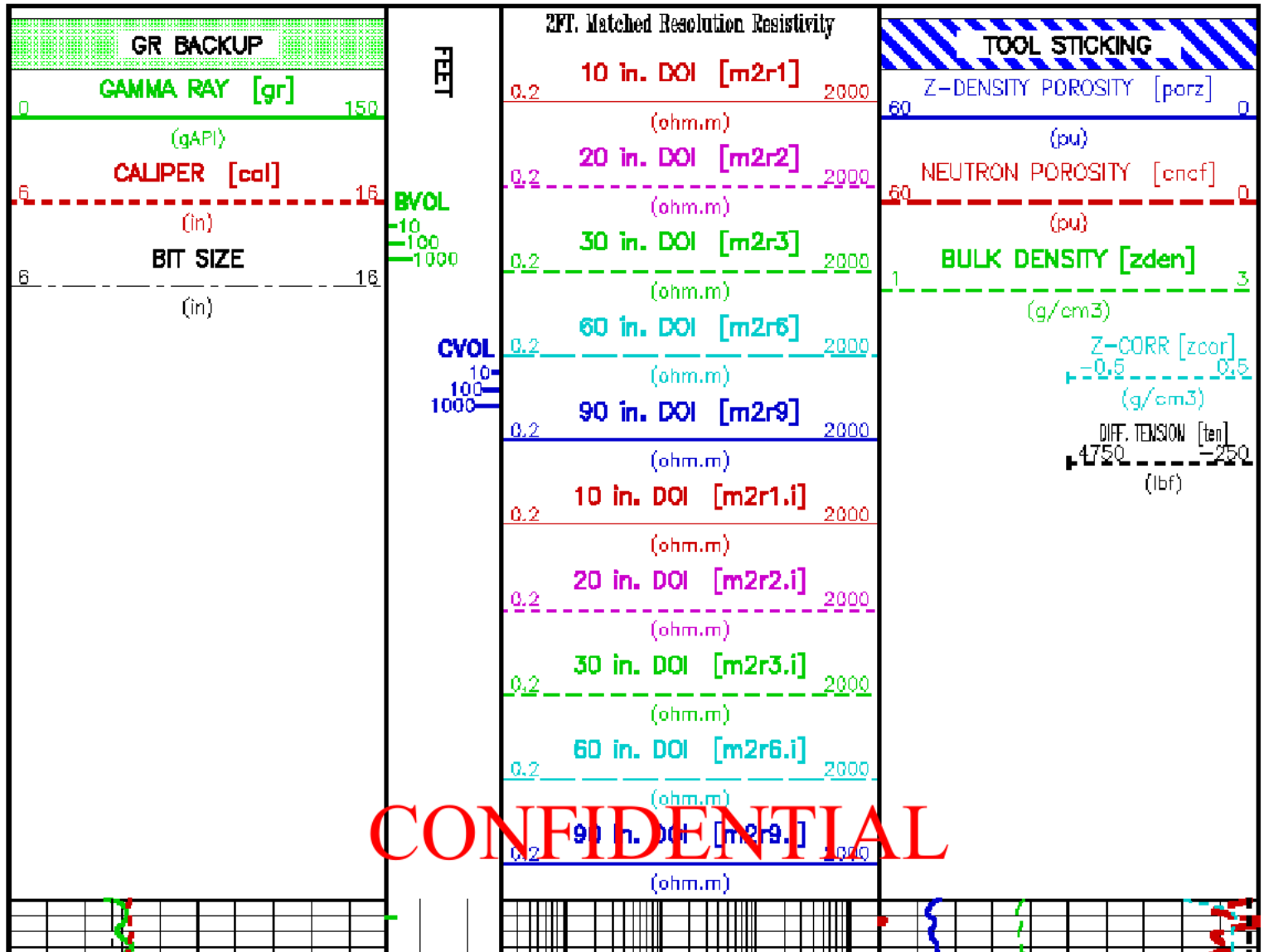
F1:CAL	Oct 2 12:00:11 2010	CALIPER
F1:CNCF	Oct 2 12:00:11 2010	FIELD NORMALIZED COMPENSATED NEUTRON POROSITY
F1:CVOL	Oct 2 12:00:11 2010	CEMENT VOLUME
F1:GR	Oct 2 12:00:11 2010	GAMMA RAY
F1:M2R1	Oct 2 12:00:11 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 10-INCH DOI
F1:M2R2	Oct 2 12:00:11 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 20-INCH DOI
F1:M2R3	Oct 2 12:00:11 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 30-INCH DOI
F1:M2R6	Oct 2 12:00:11 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 60-INCH DOI
F1:M2R9	Oct 2 12:00:11 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 90-INCH DOI
F1:PORZ	Oct 2 12:00:11 2010	POROSITY FOR SELECTABLE MATRIX
F1:TEN	Oct 2 12:00:11 2010	DIFFERENTIAL TENSION
F1:ZCOR	Oct 2 12:00:11 2010	DENSITY CORRECTION
F1:ZDEN	Oct 2 12:00:11 2010	FORMATION BULK DENSITY

**CURVE MEASURE POINT OFFSET**

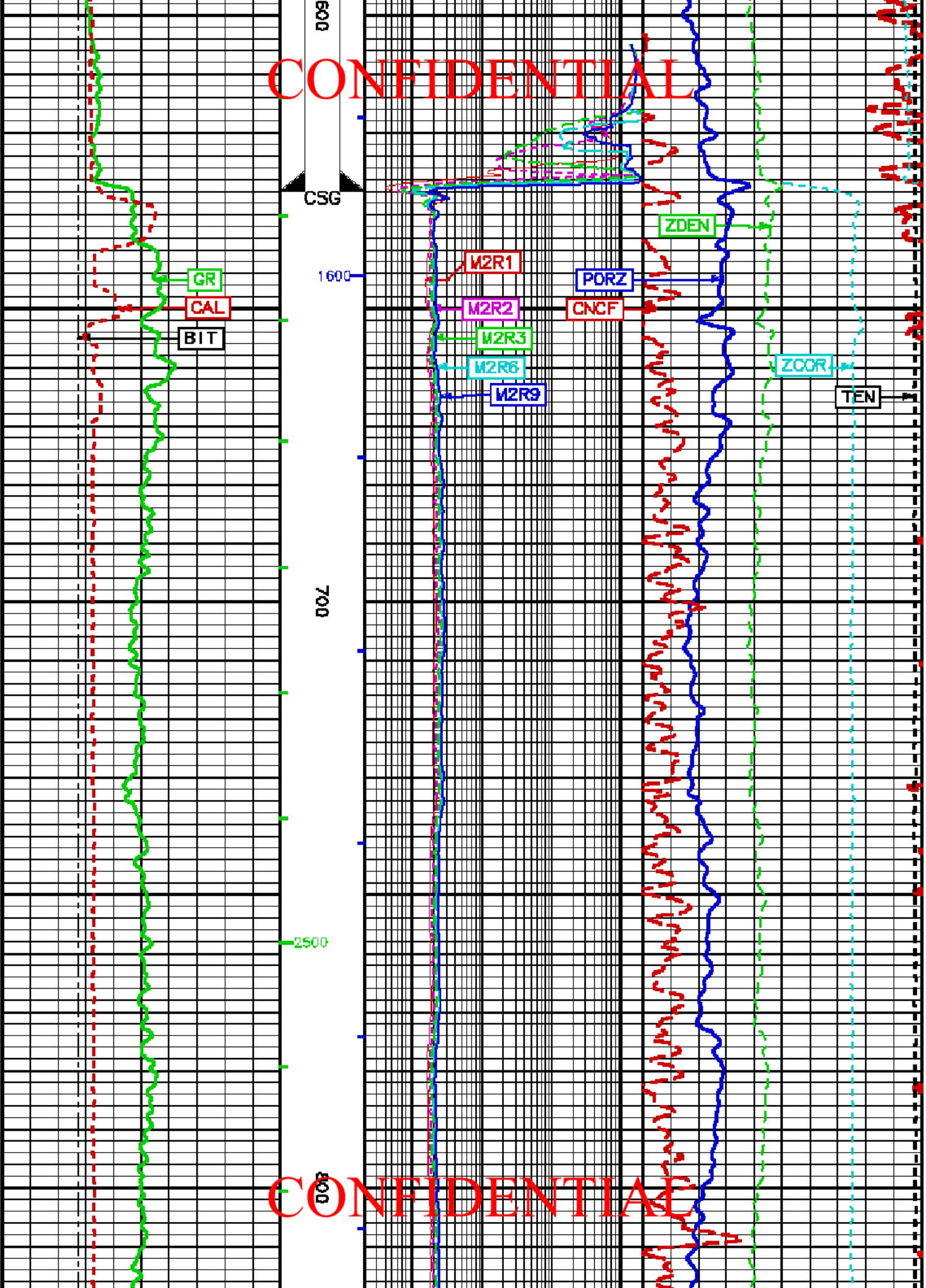
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	M2R1Q1	49.50	M2R6	48.00	TEN	0.00
CAL	75.00	M2R2	48.00	M2R6Q1	49.50	ZCOR	74.25
CNCF	85.25	M2R2Q1	49.50	M2R9	48.00	ZDEN	74.25
GR	92.25	M2R3	48.00	M2R9Q1	49.50		
M2R1	48.00	M2R3Q1	49.50	PORZ	74.25		

Presentation : rta4232:/dat1a/395631/SLAM\_MAIN.pdf [9"/100" Scale]  
 Plot Interval : 590 - 6306 Feet

Data File 1 : F1 : rta4232:/dat1a/395631/SLAM.rtf  
 Created On : Oct 2 08:05:47 2010  
 Company : BRIDGE ENERGY  
 Well : MAY 1-13  
 Field : WILDCAT  
 File Interval : 473.5 - 6306 Feet  
 Out : m777r

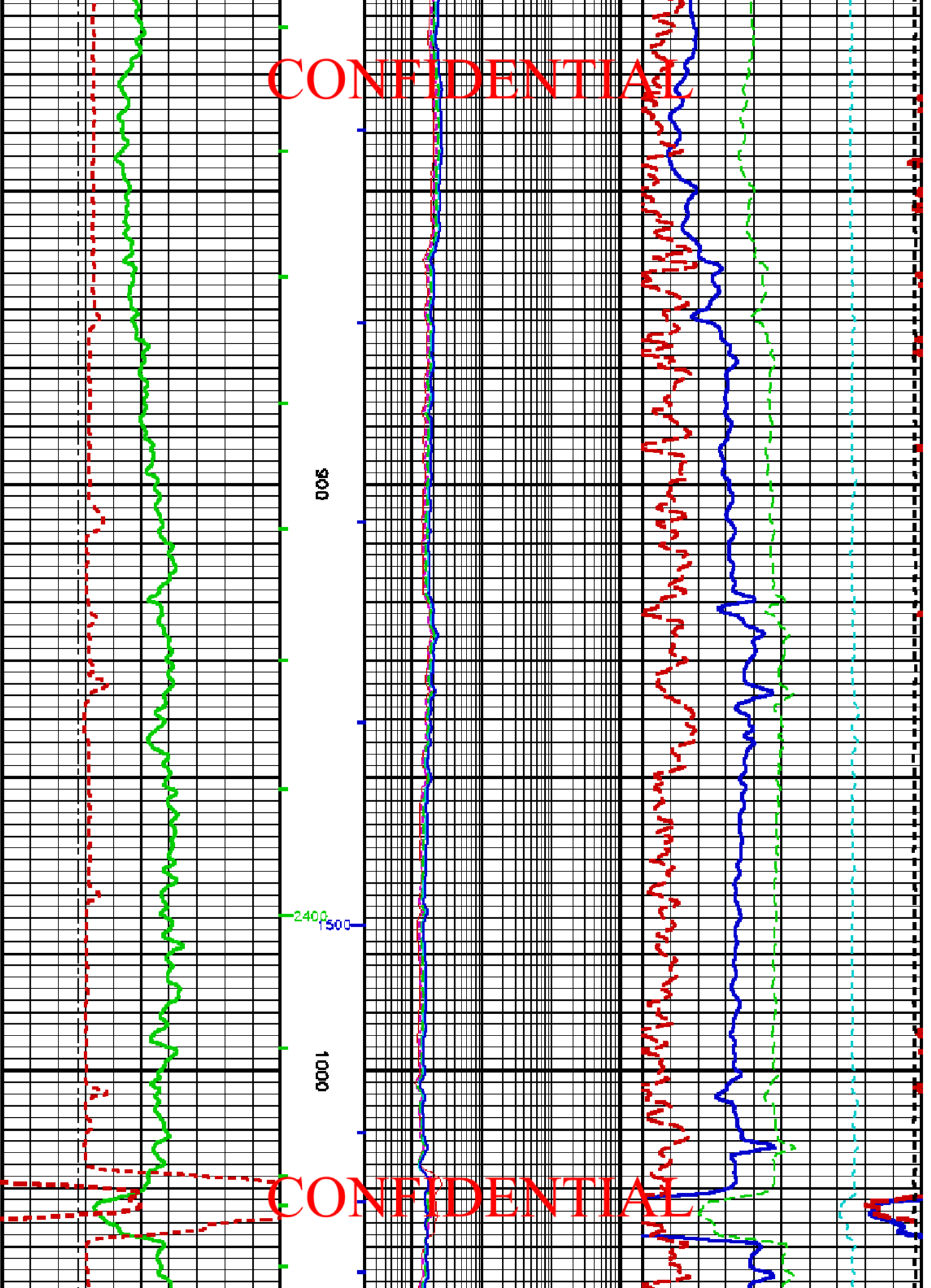


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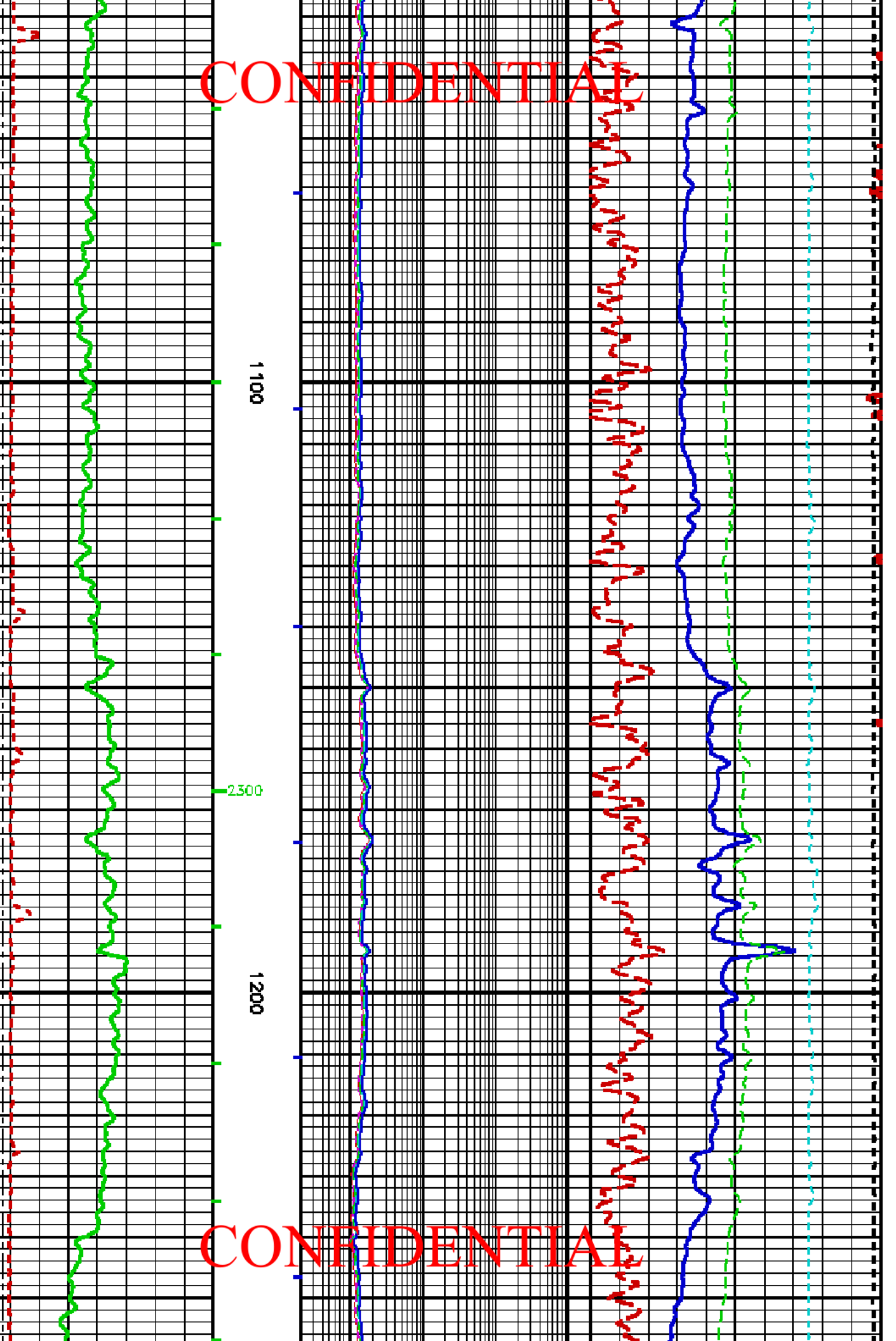
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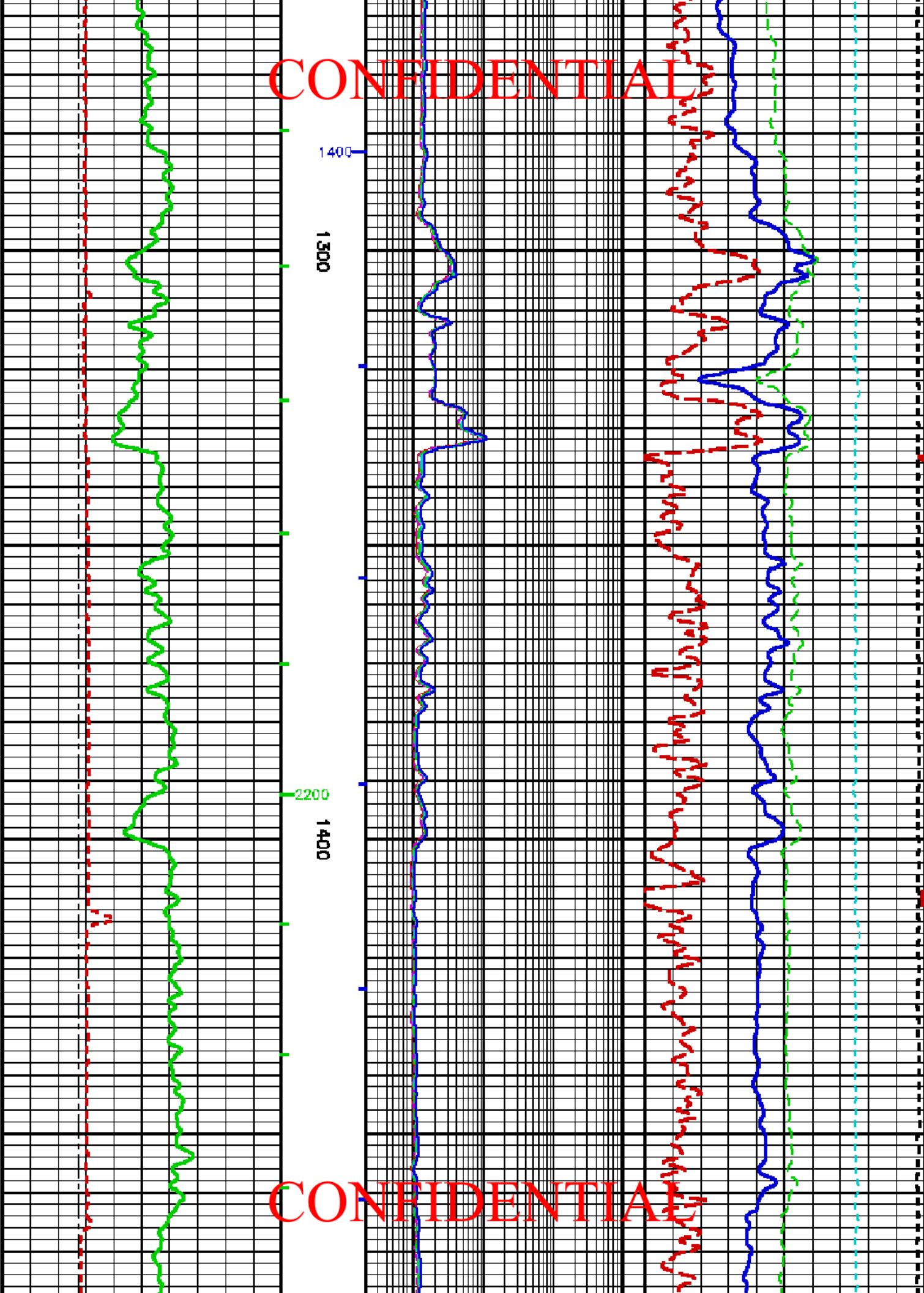
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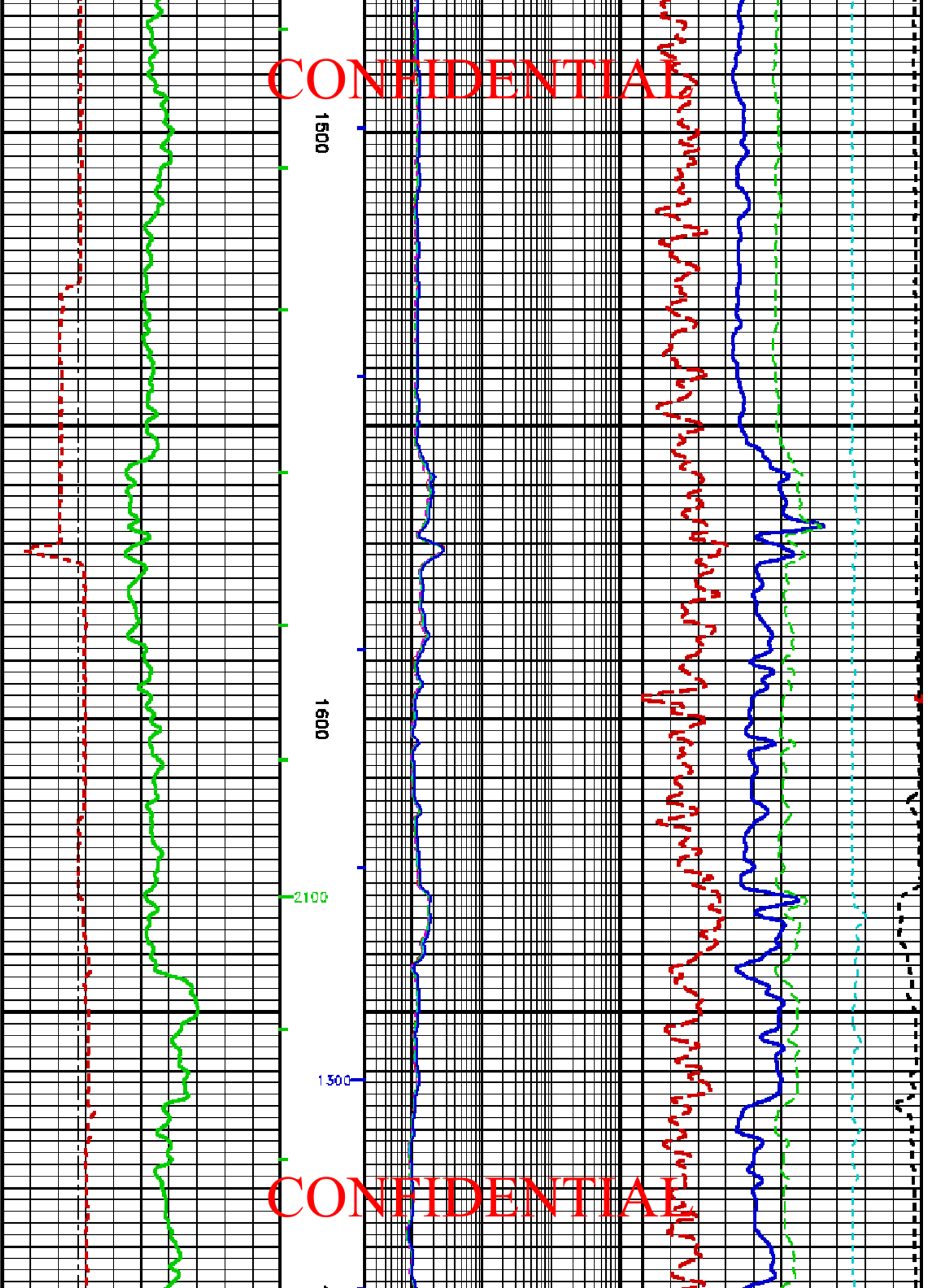
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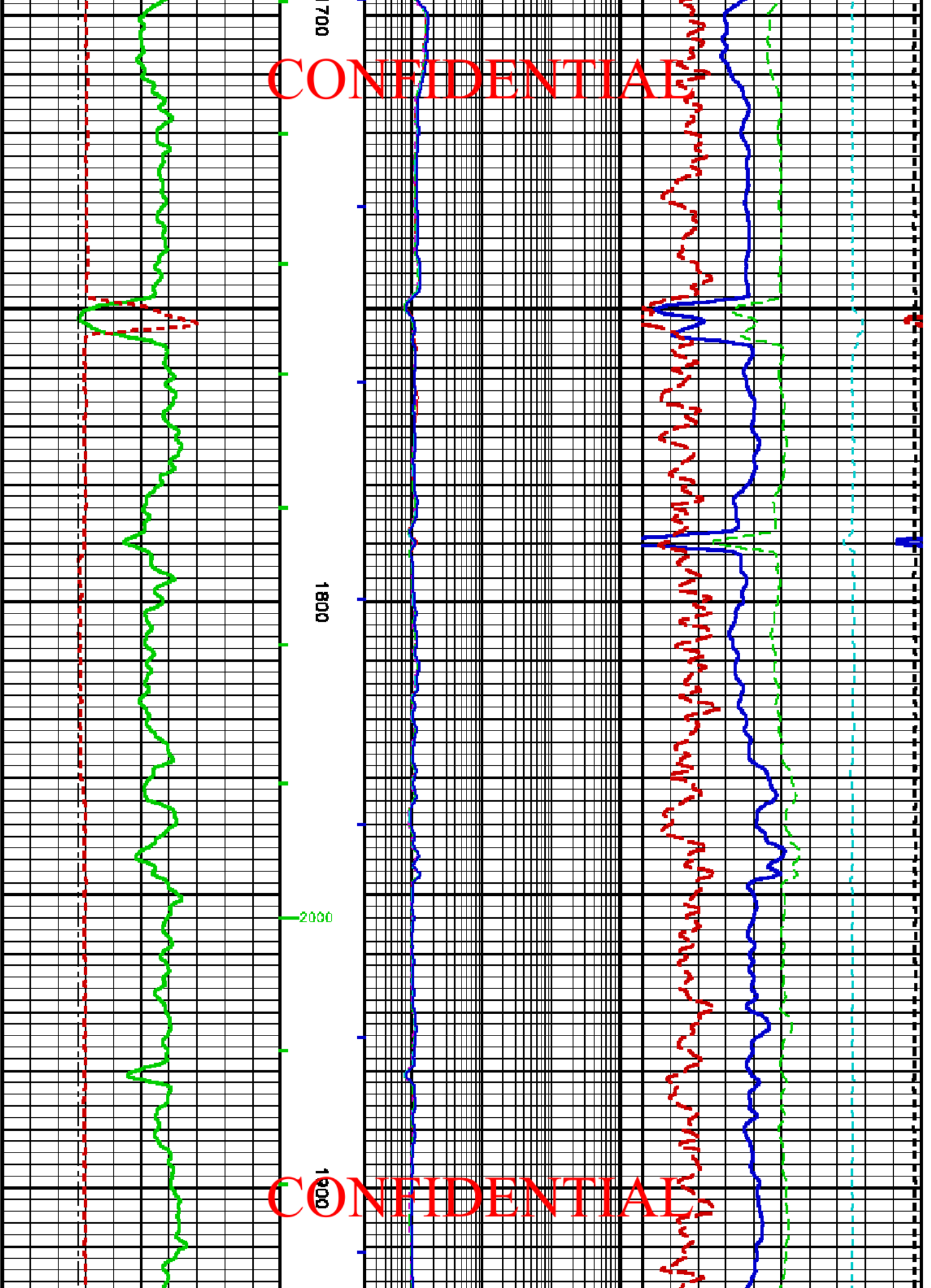
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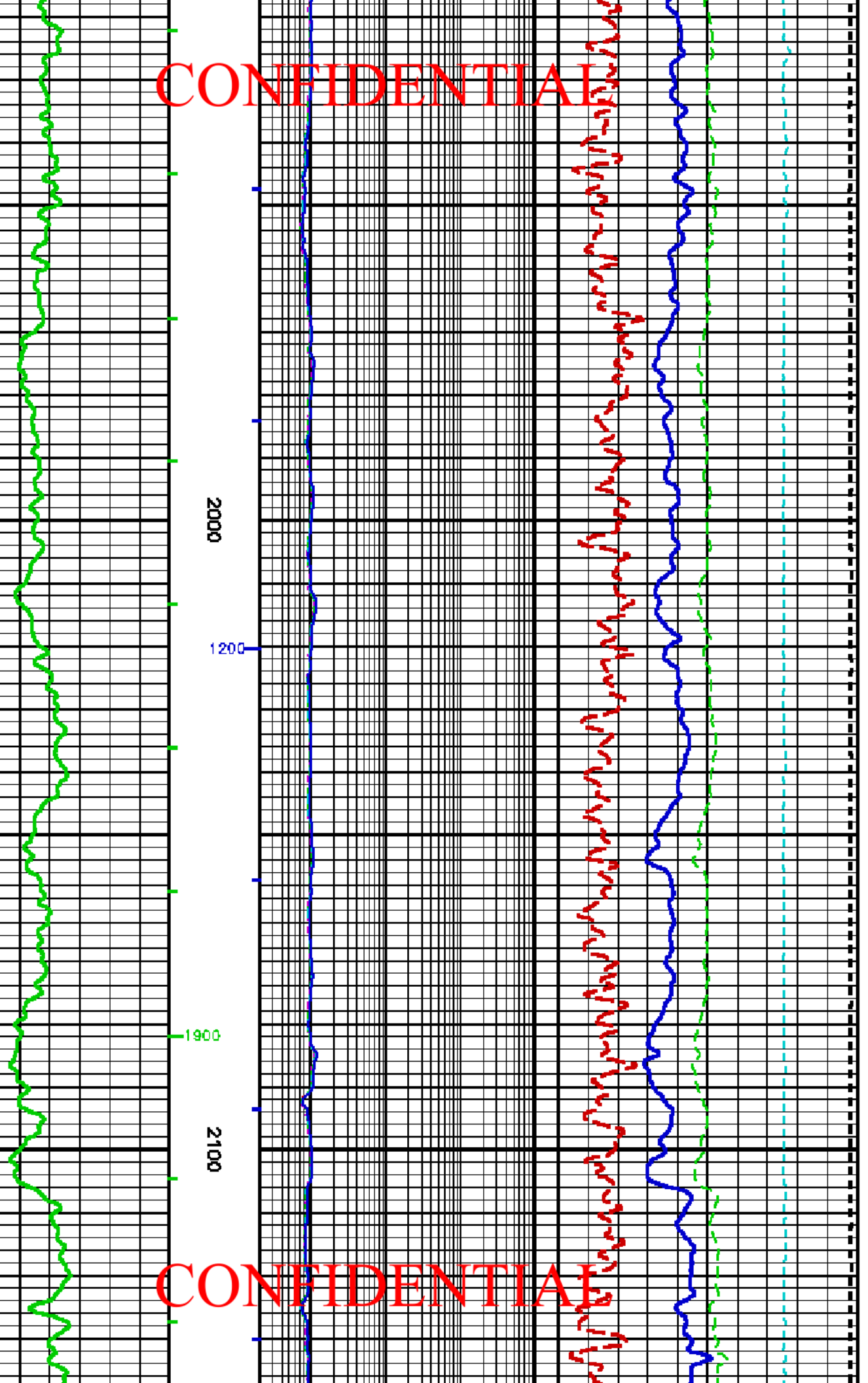
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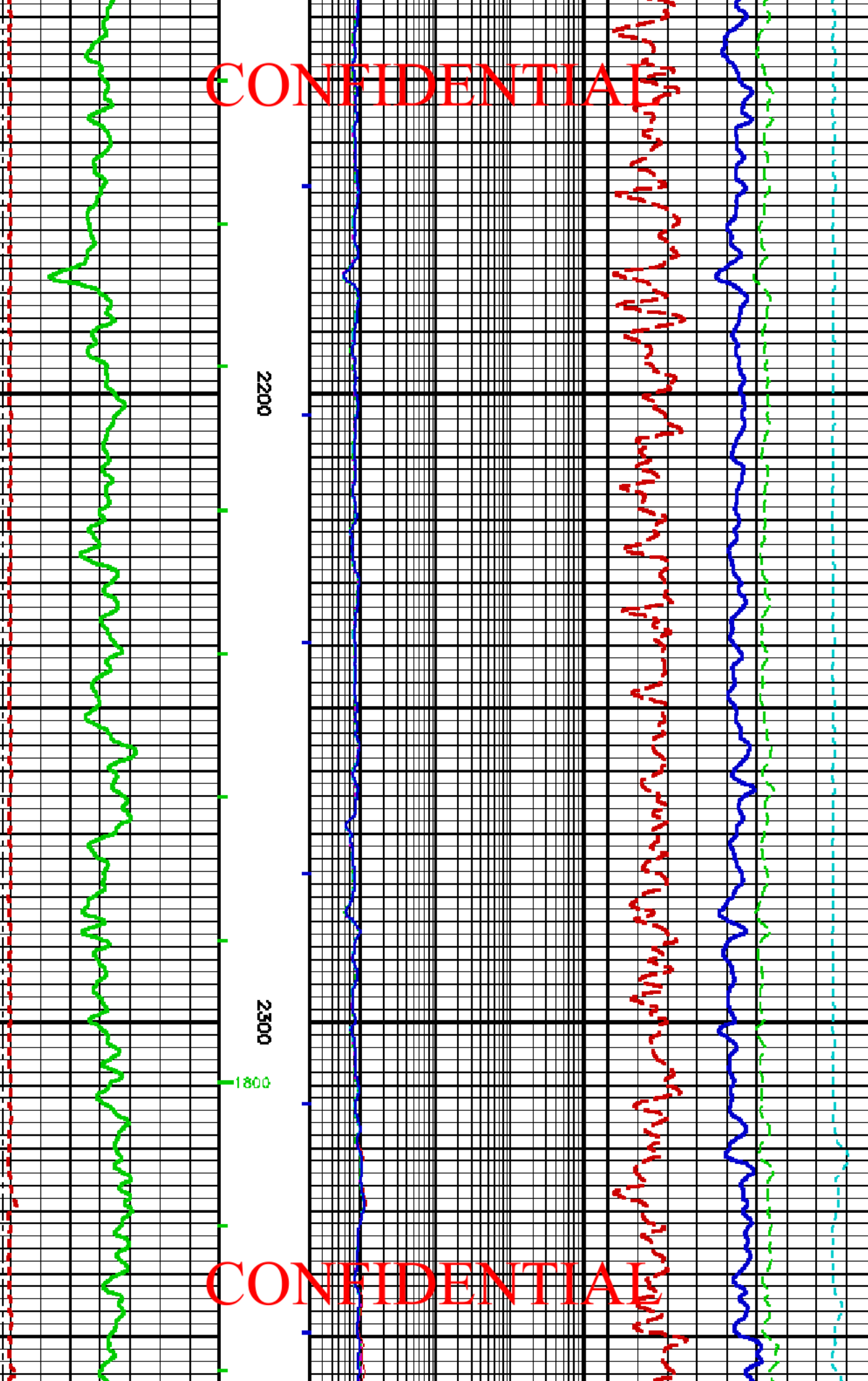
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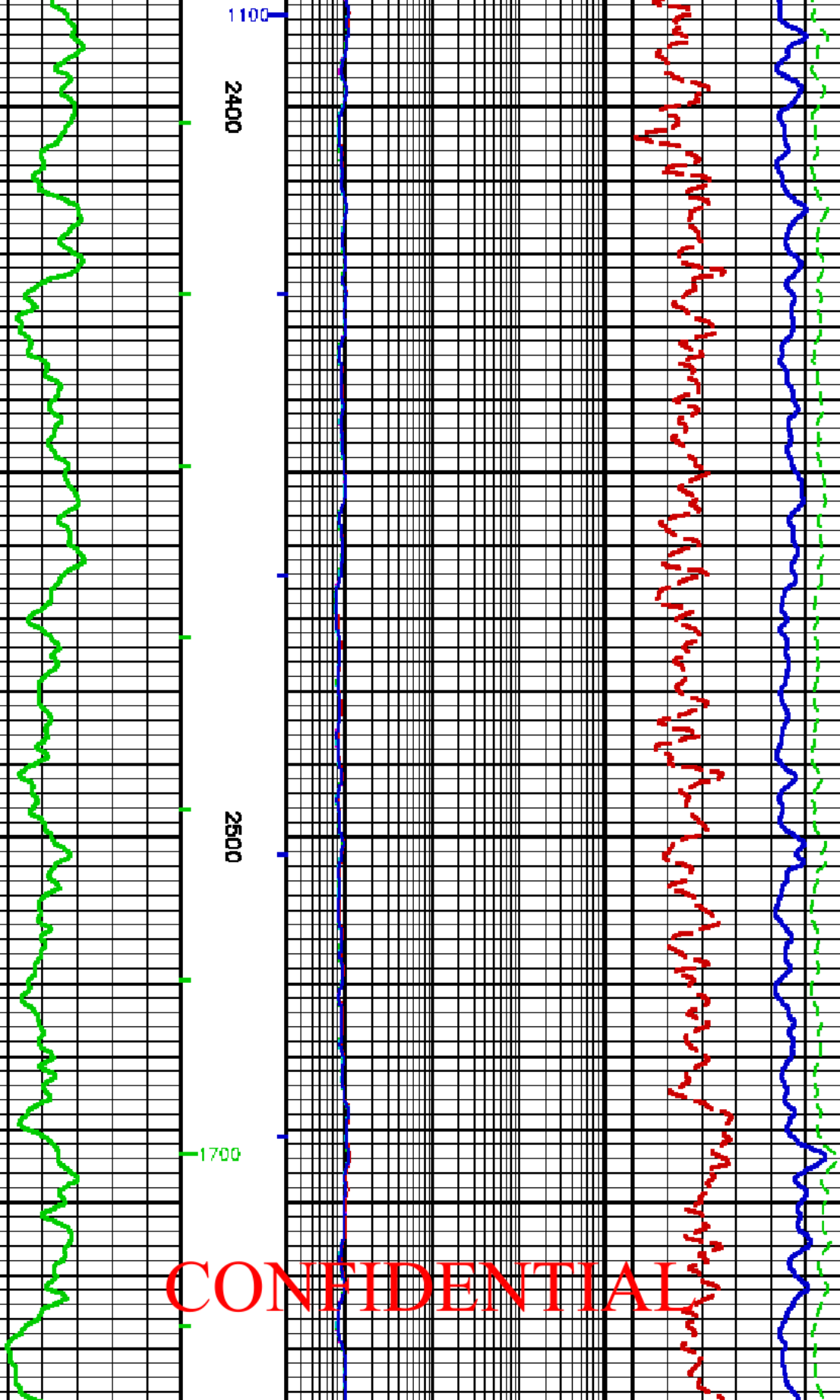
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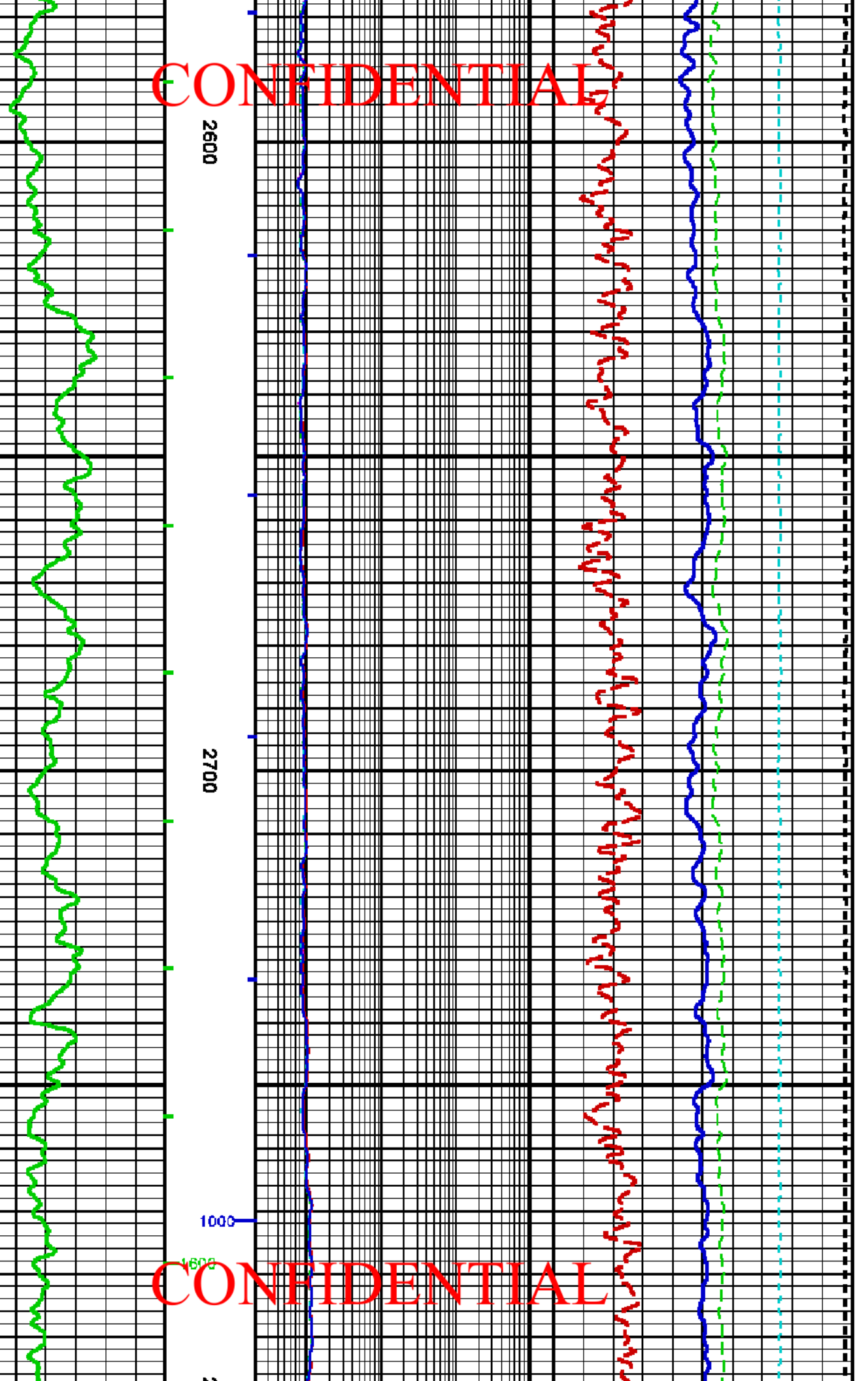


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2600

2700

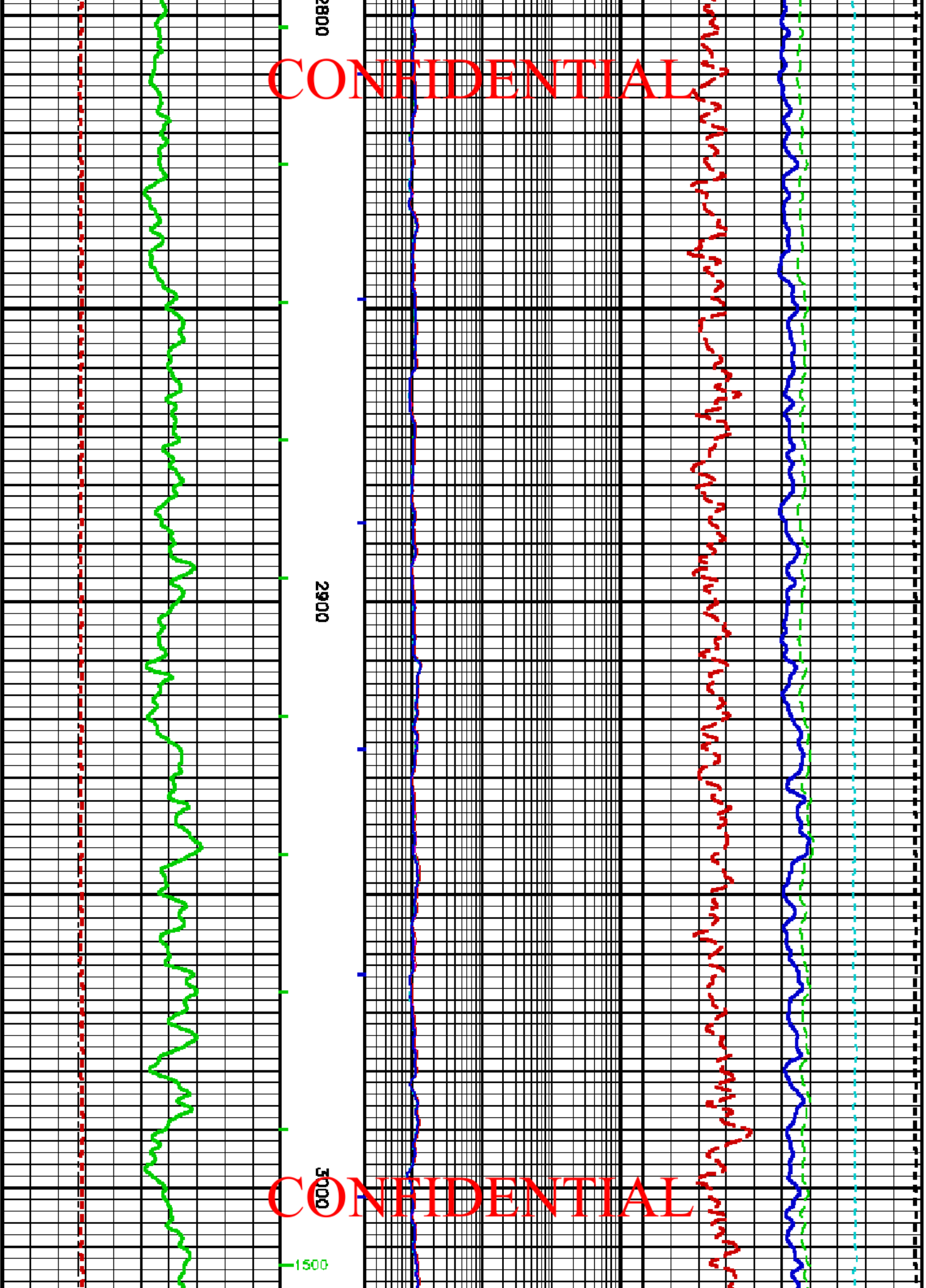
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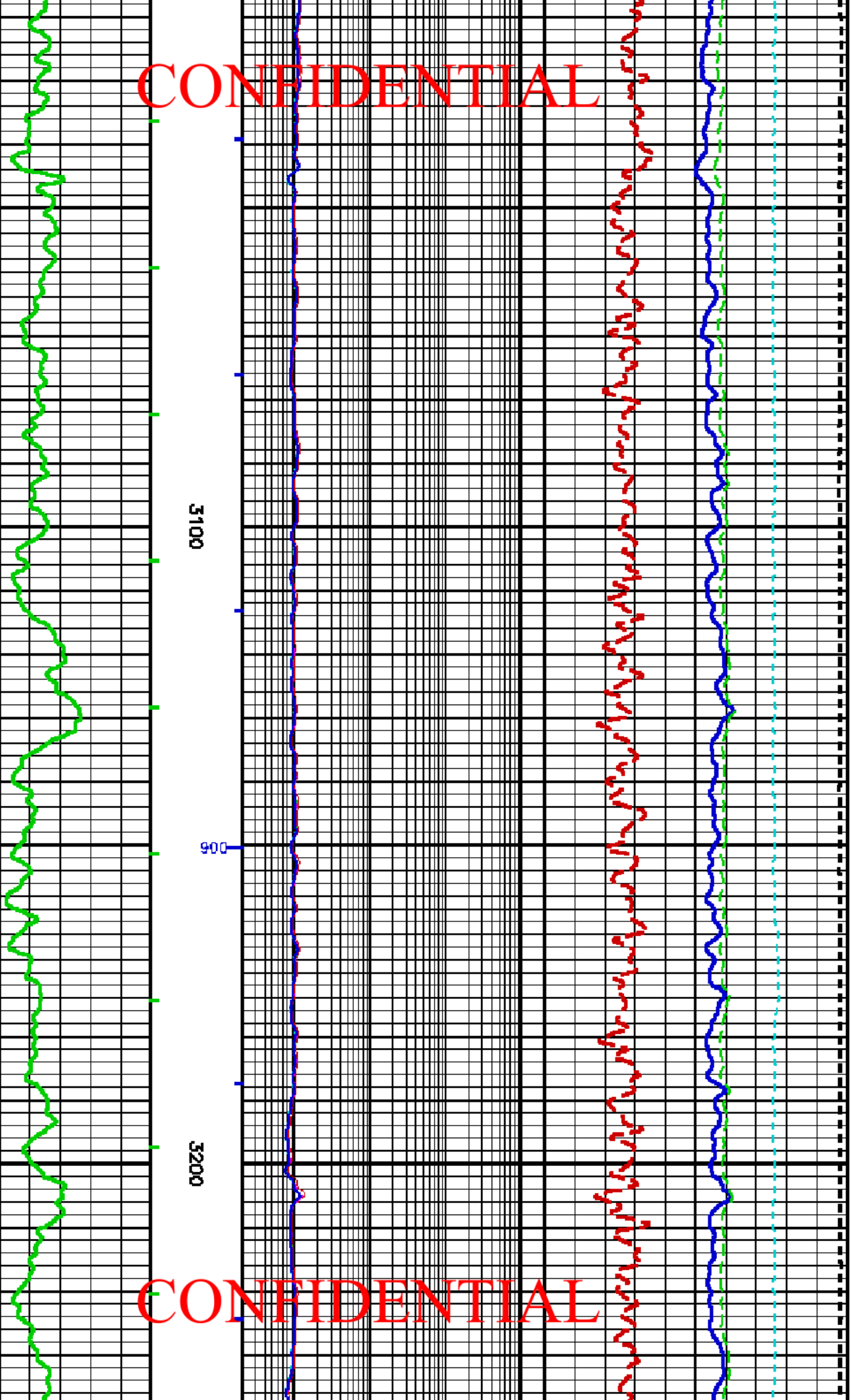
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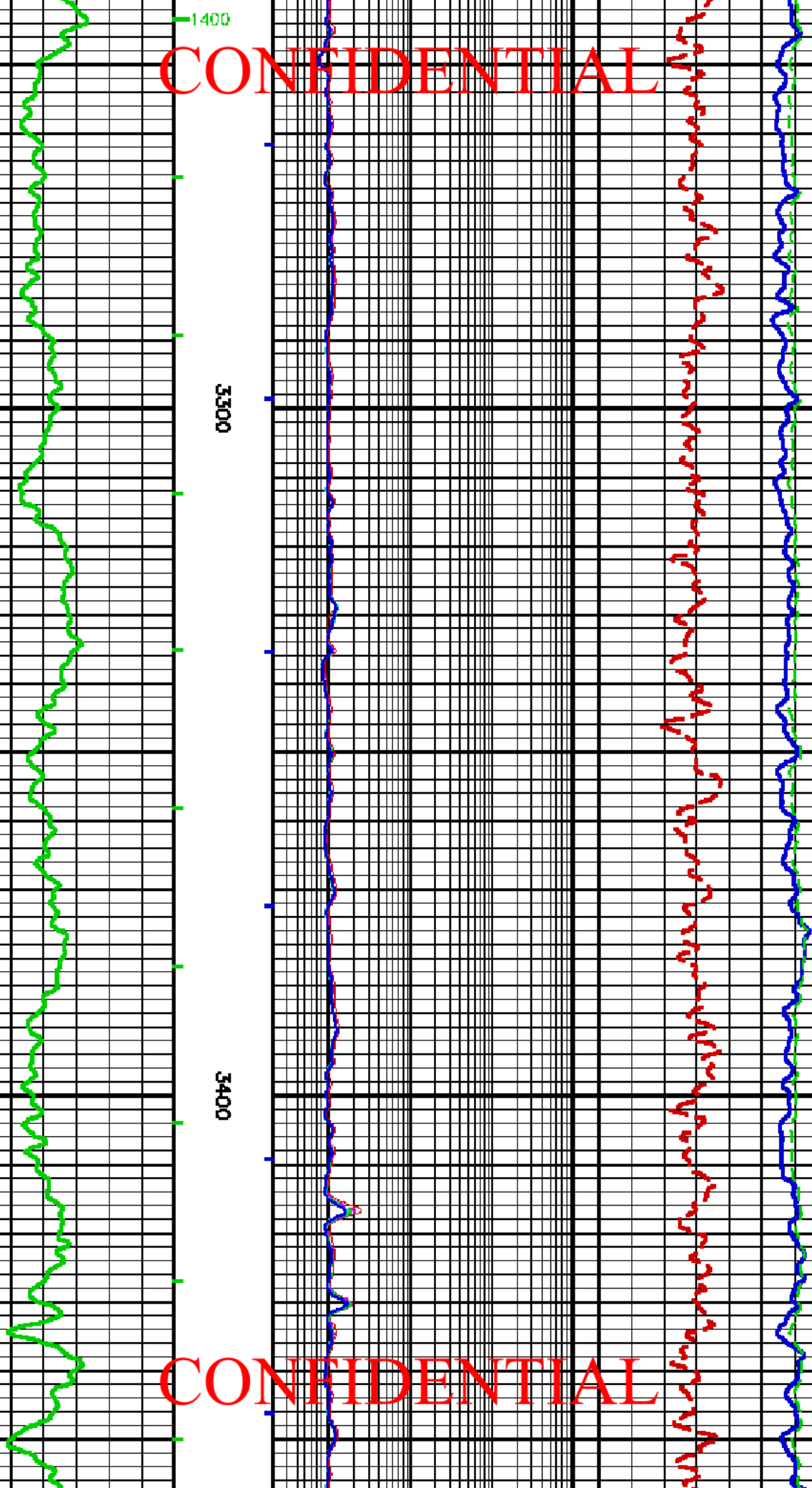
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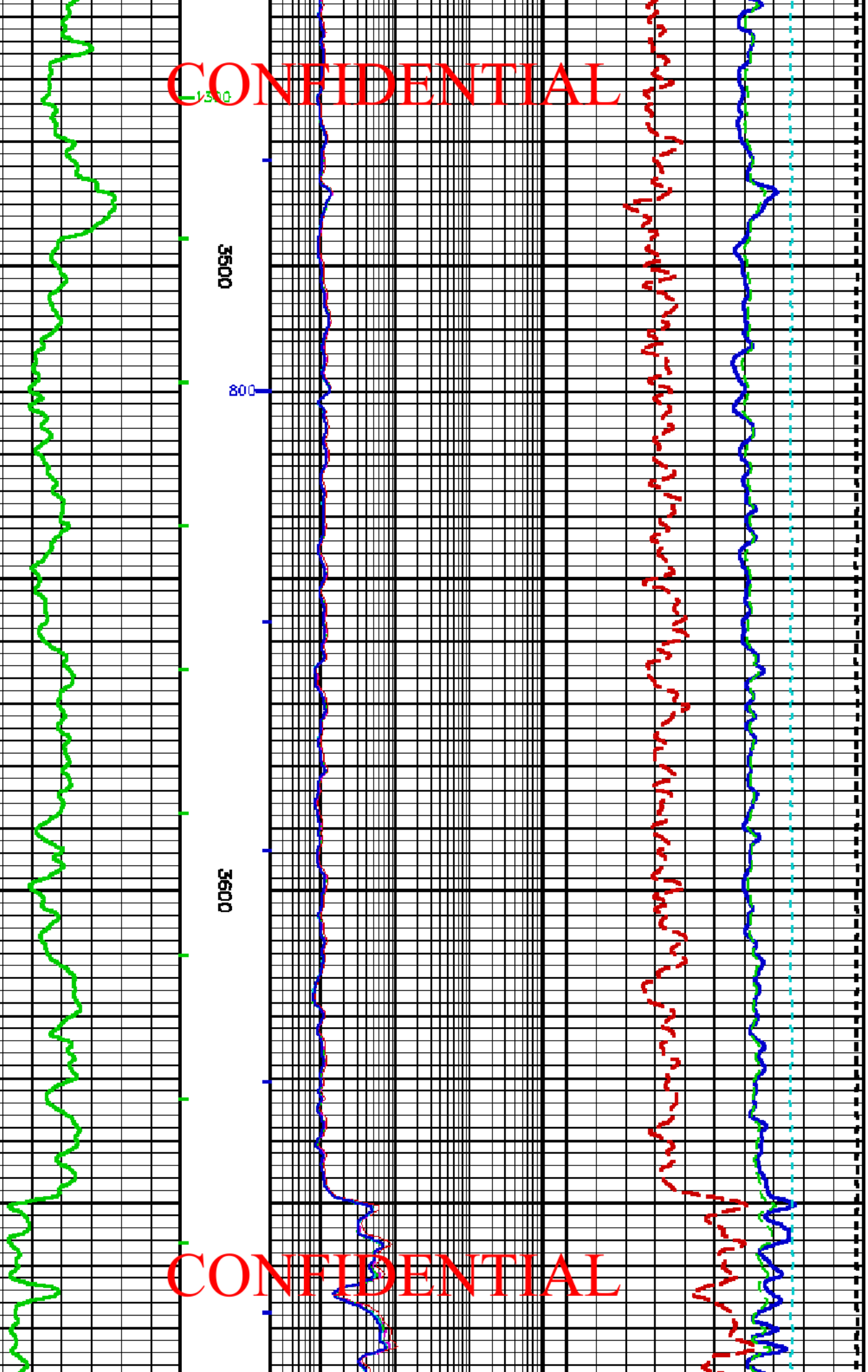


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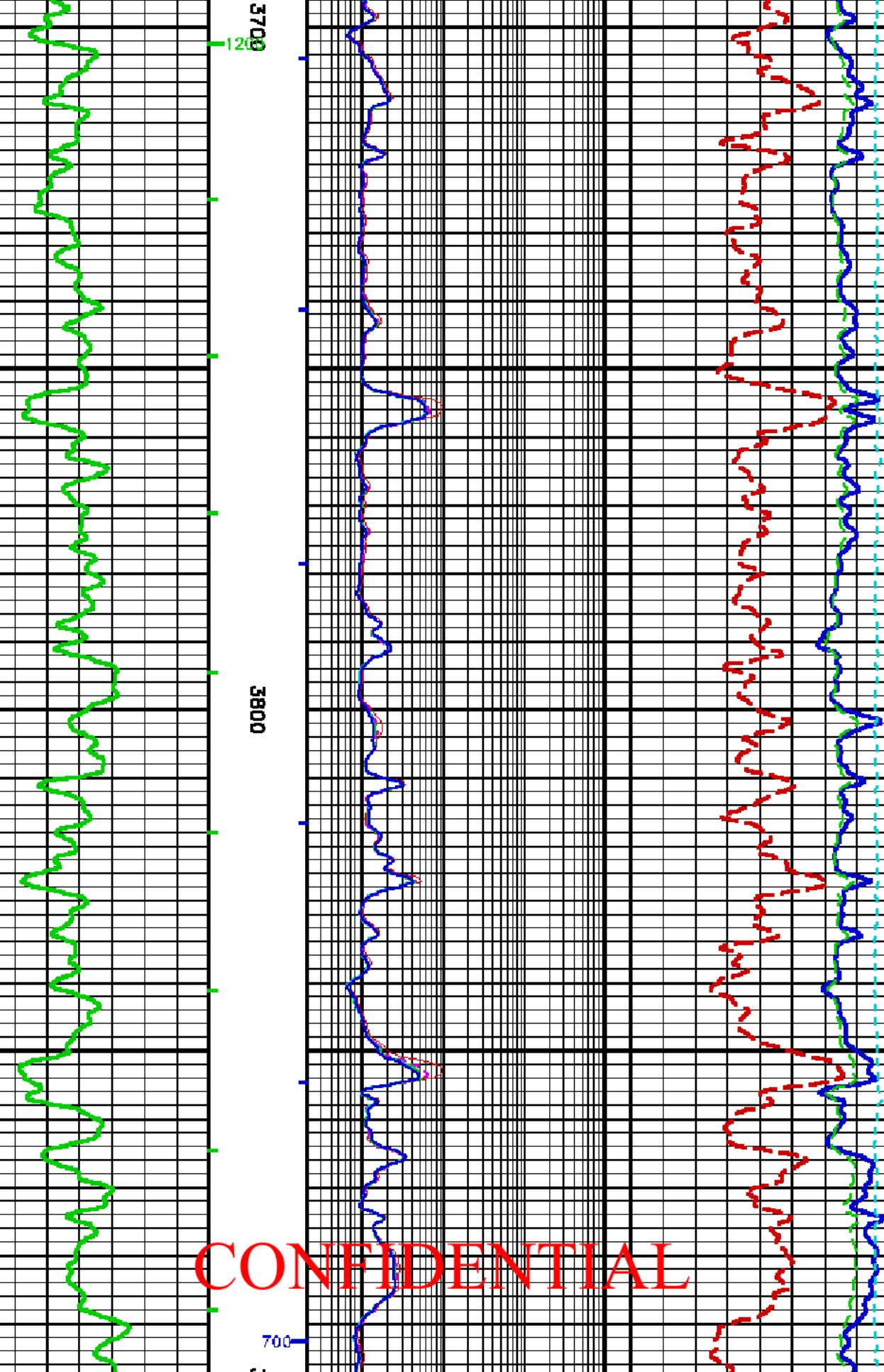
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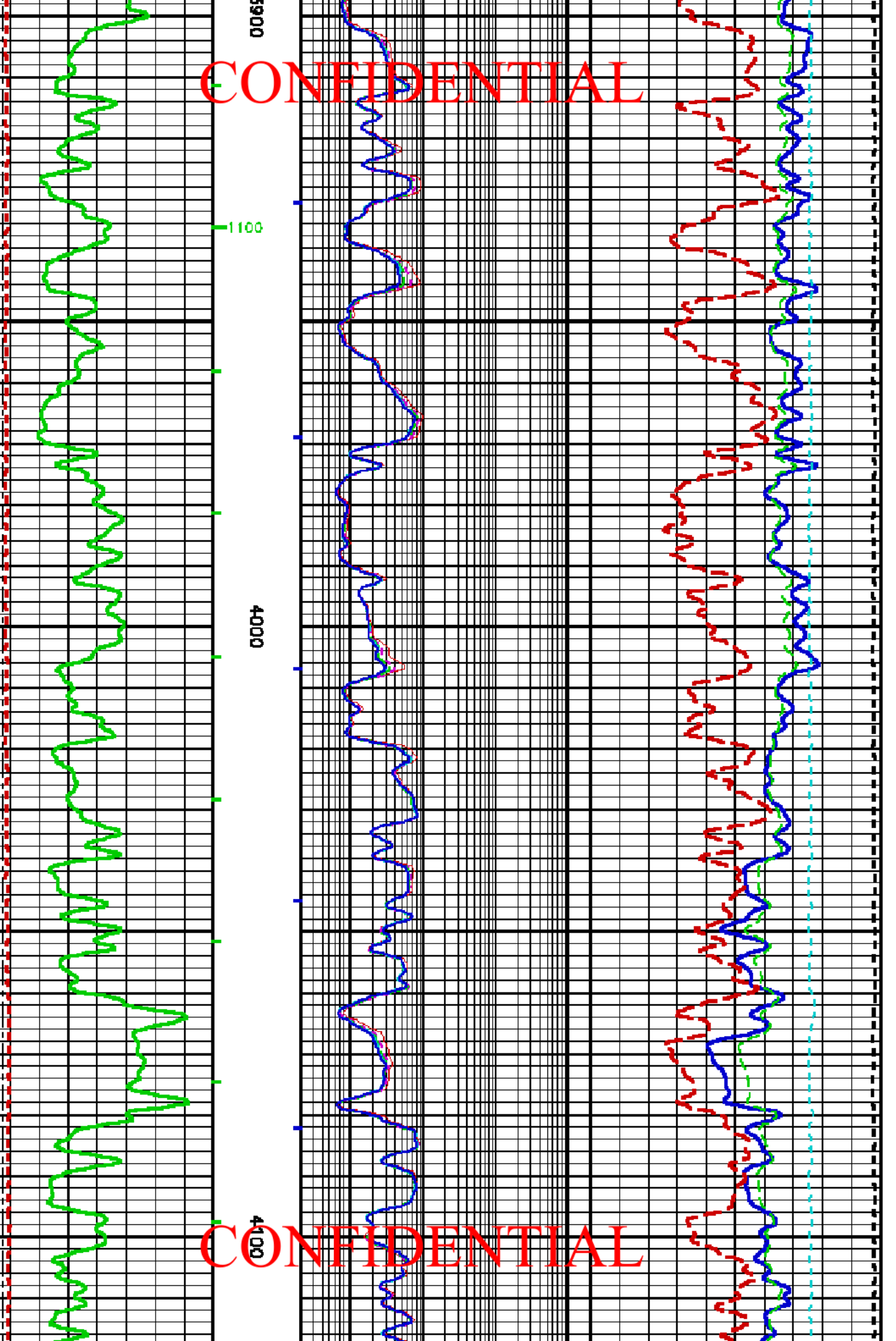
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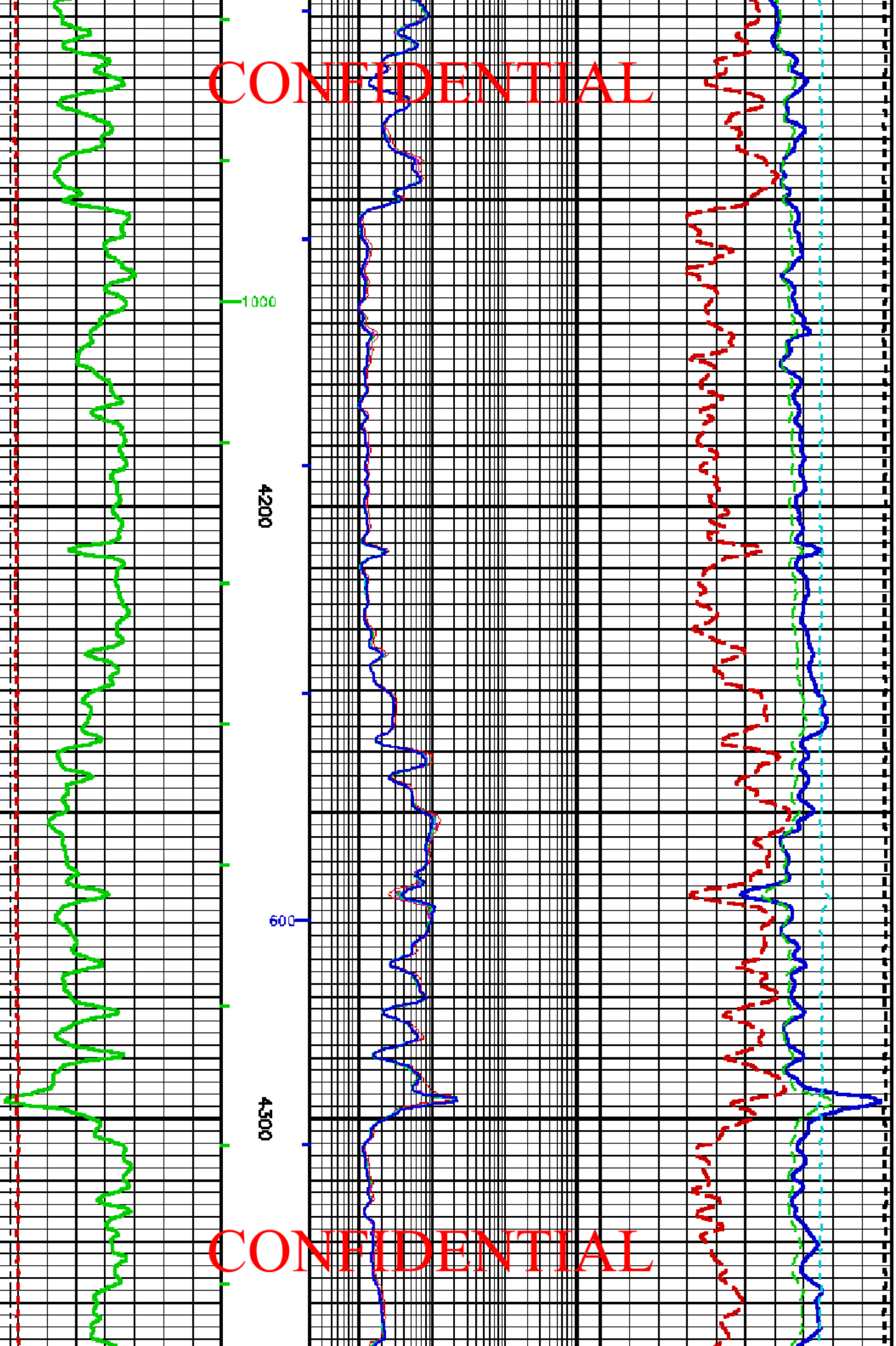
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4100

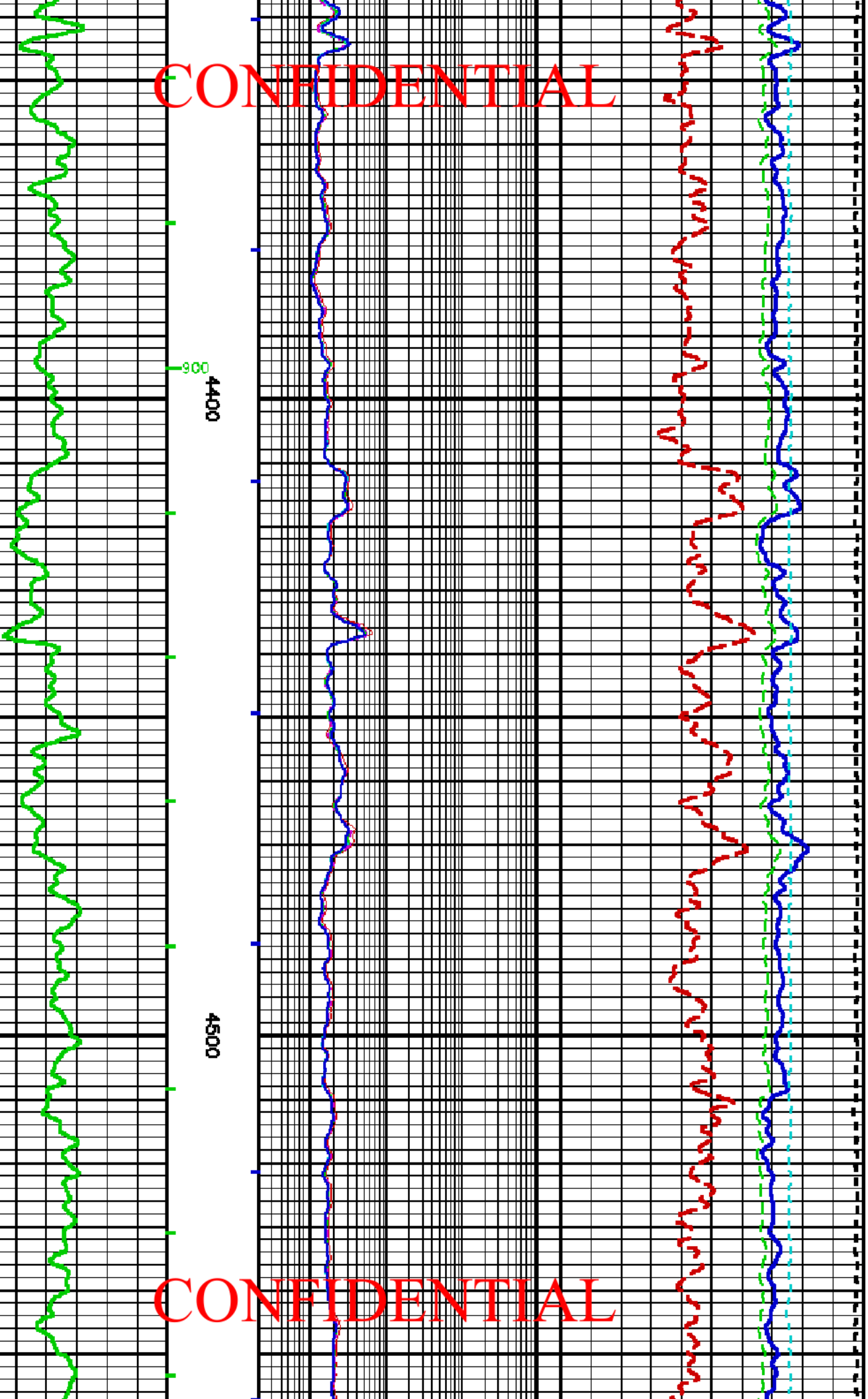
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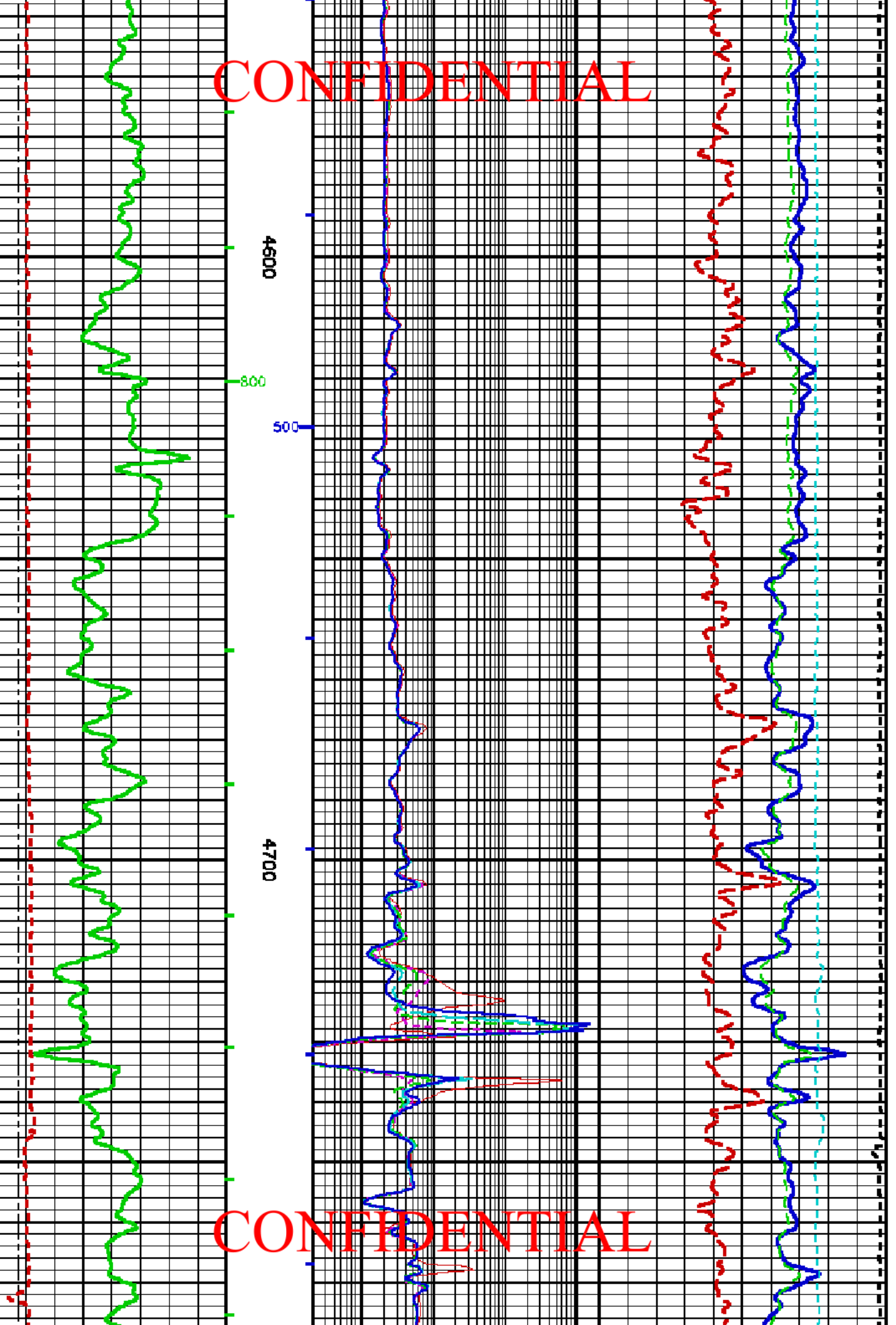


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4500

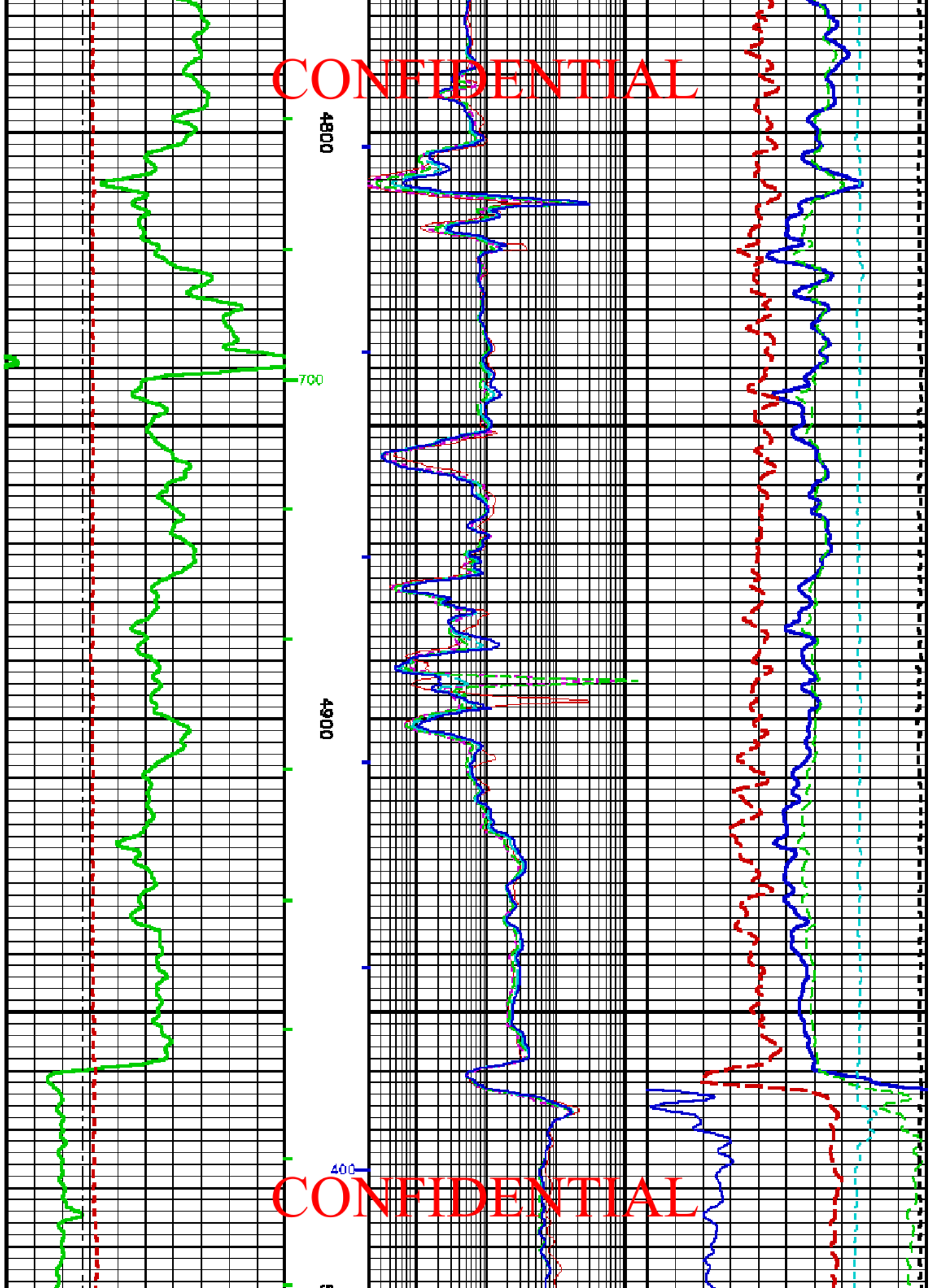
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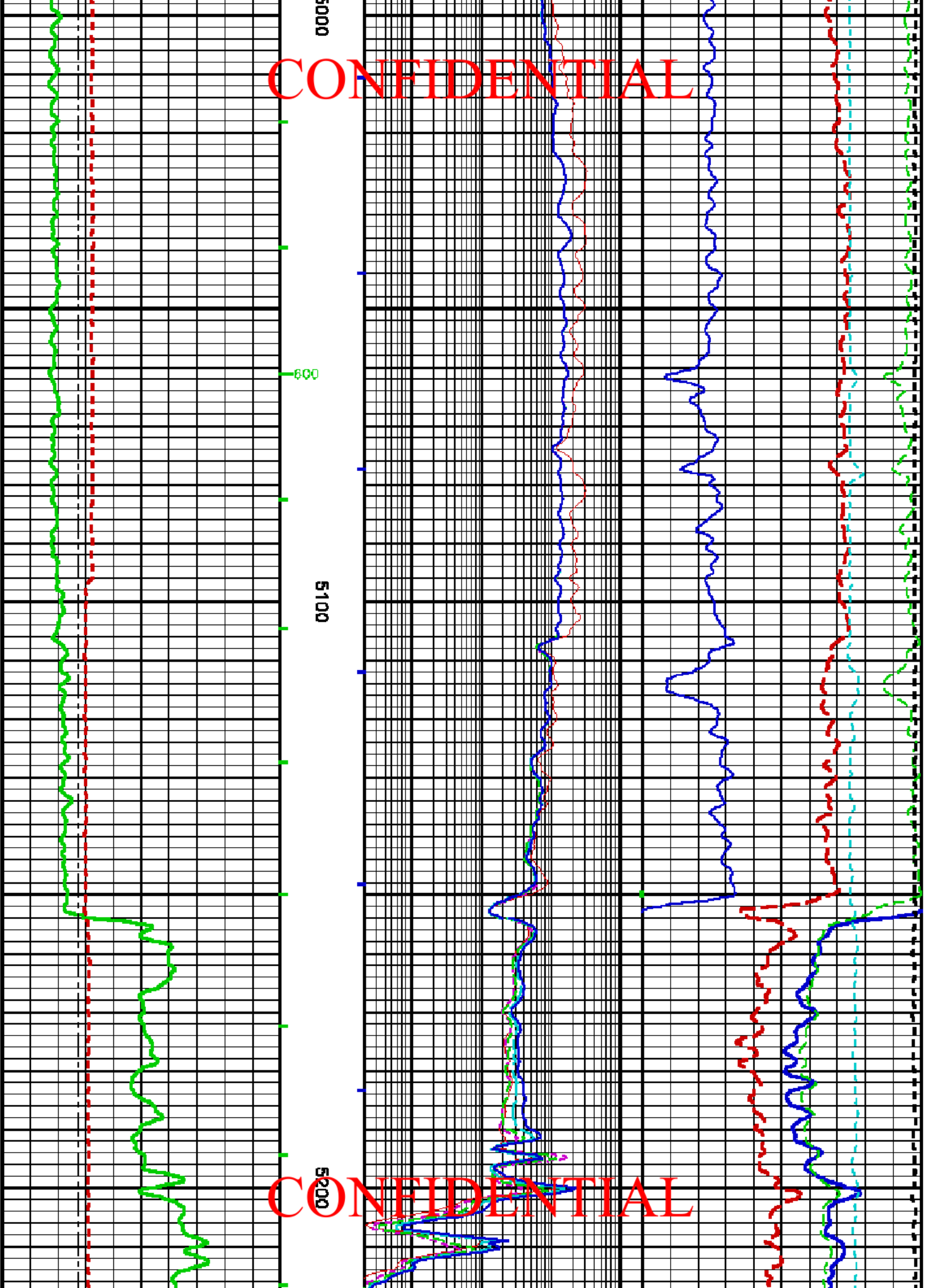
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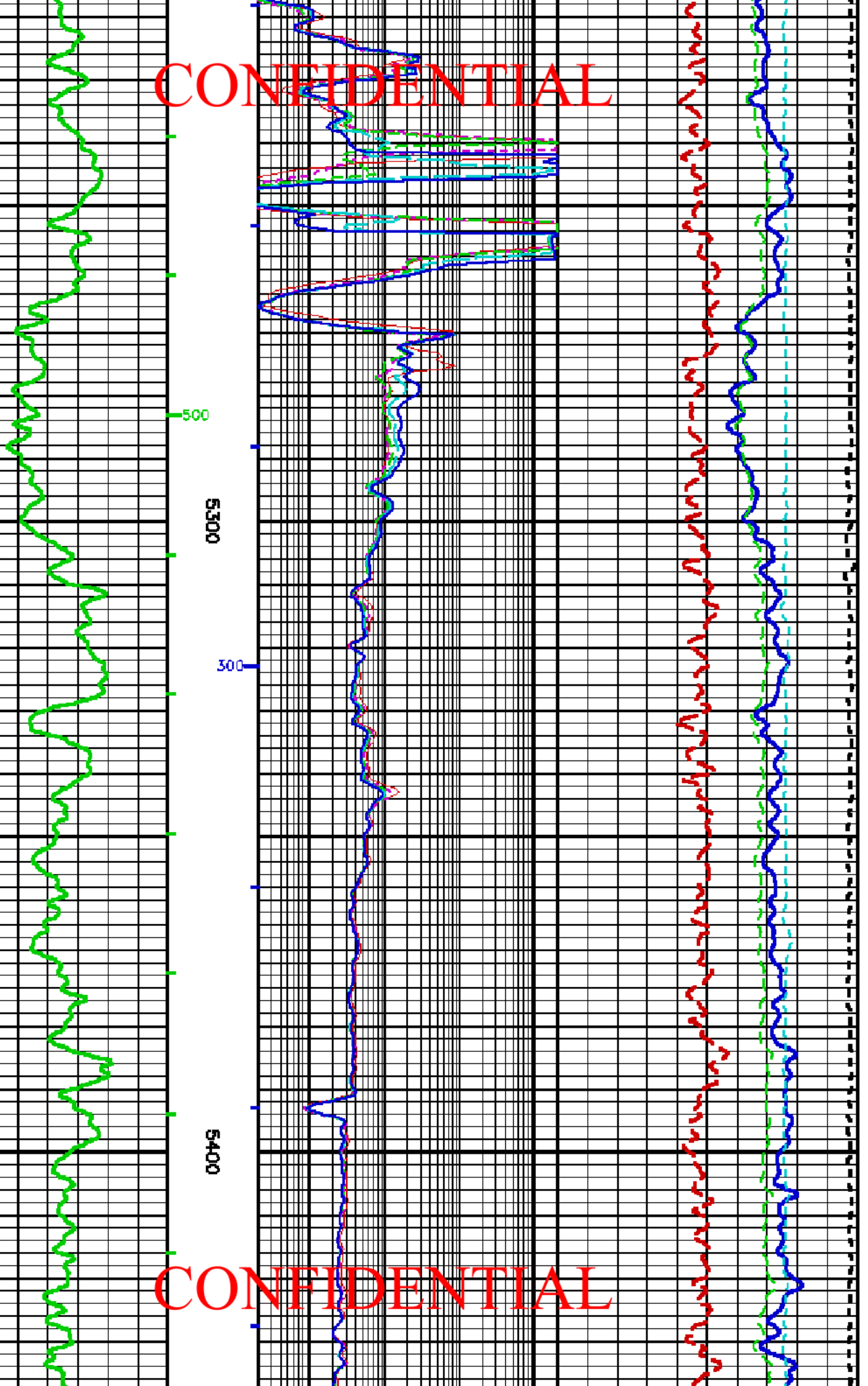


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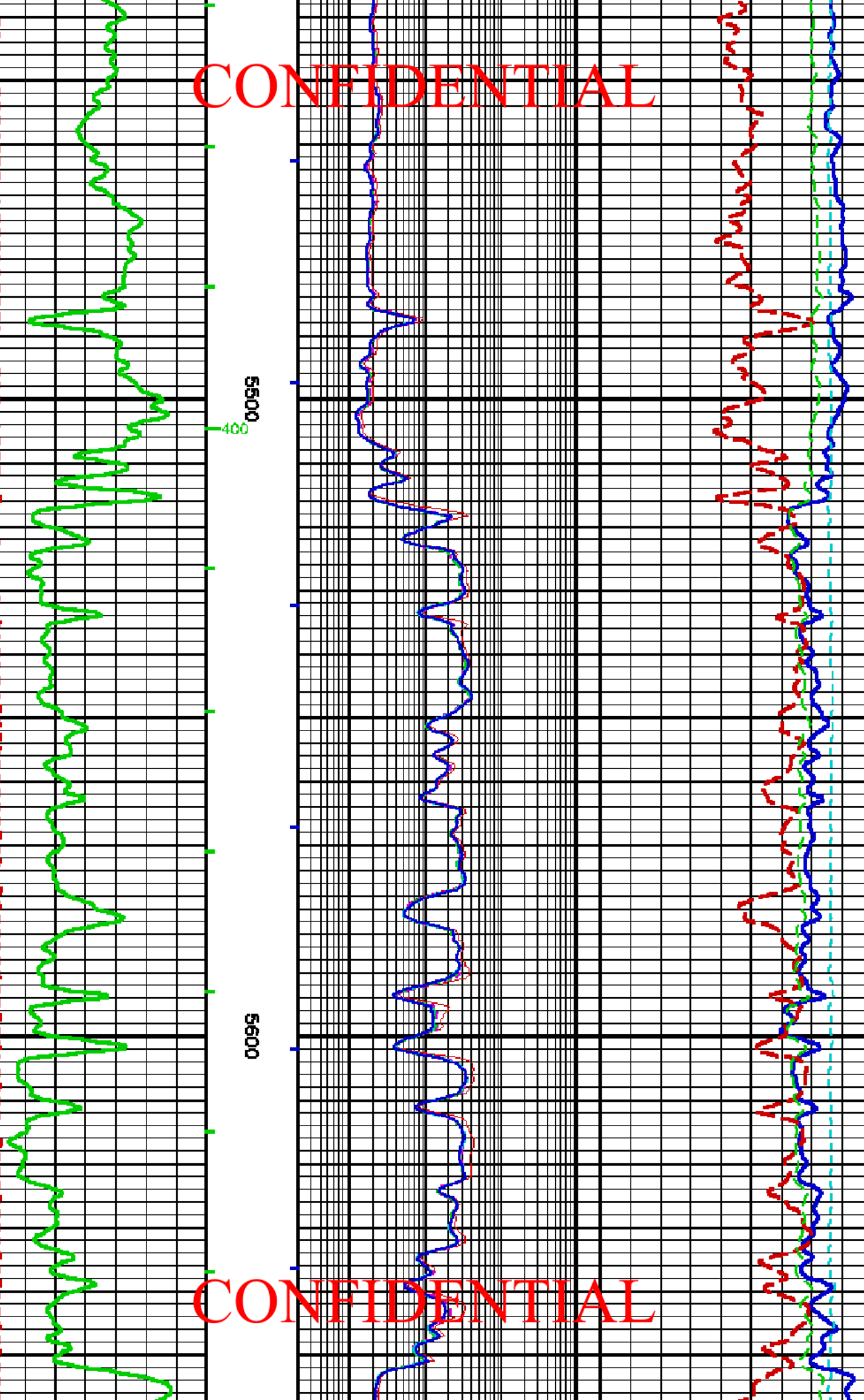


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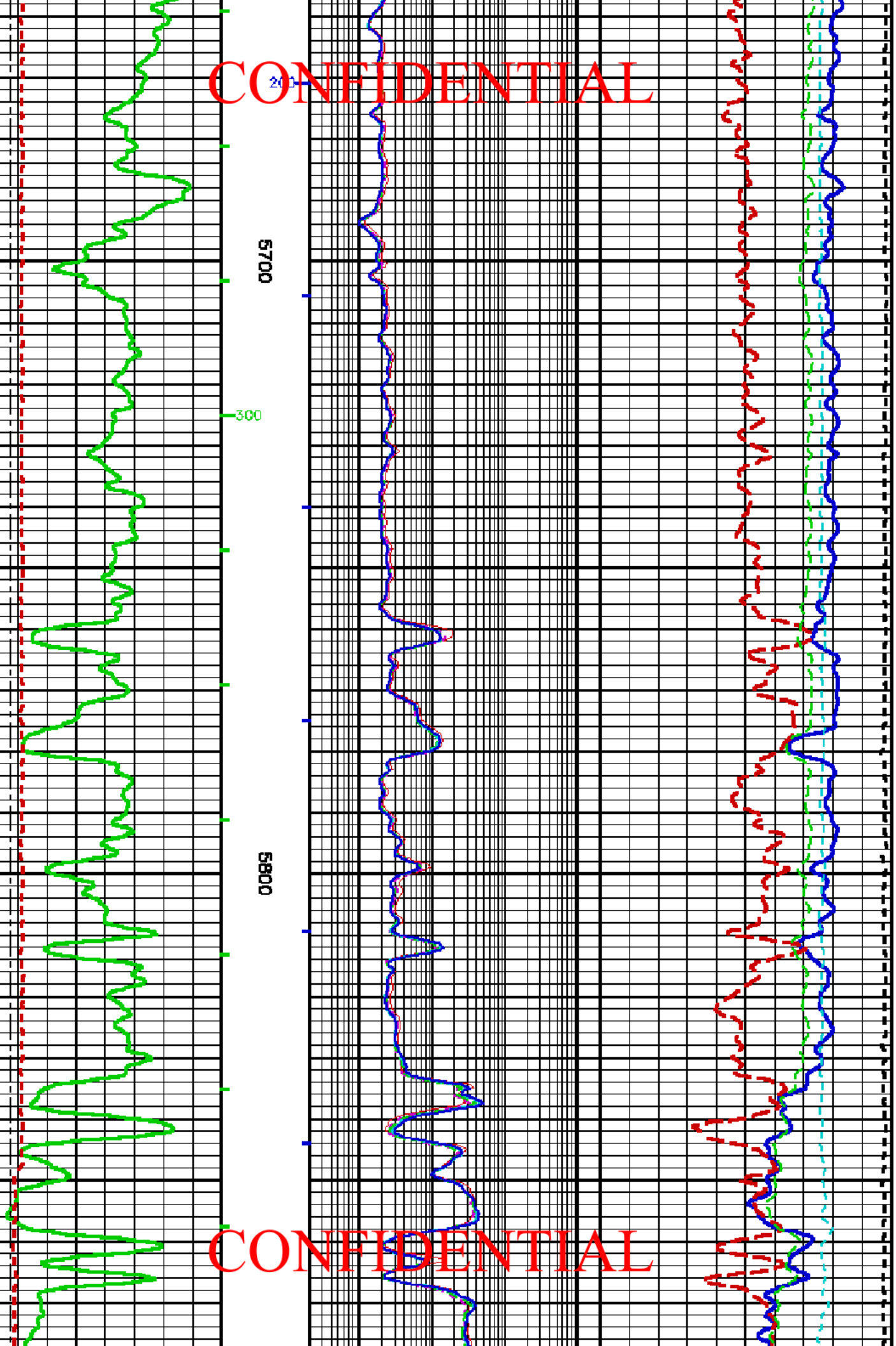
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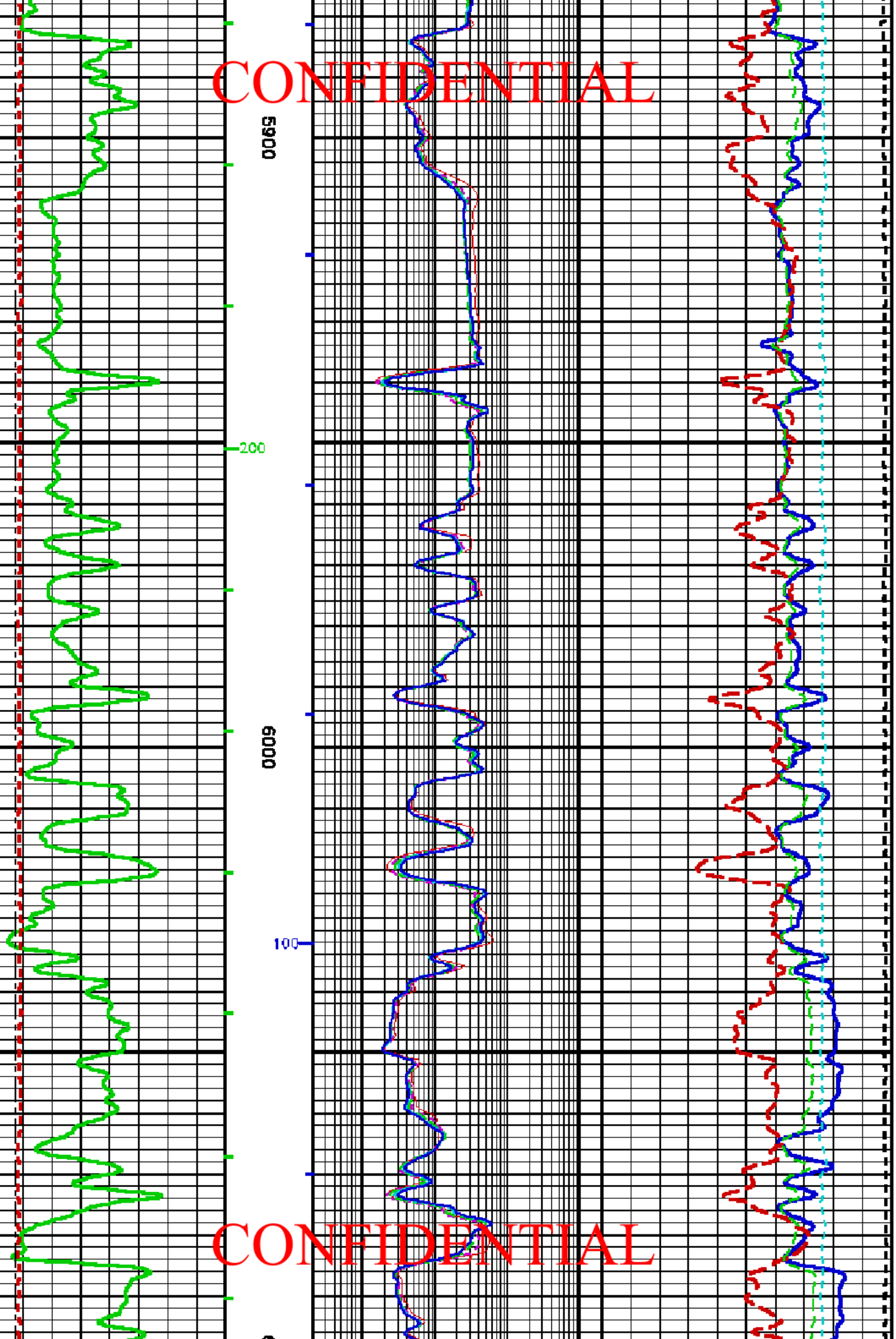
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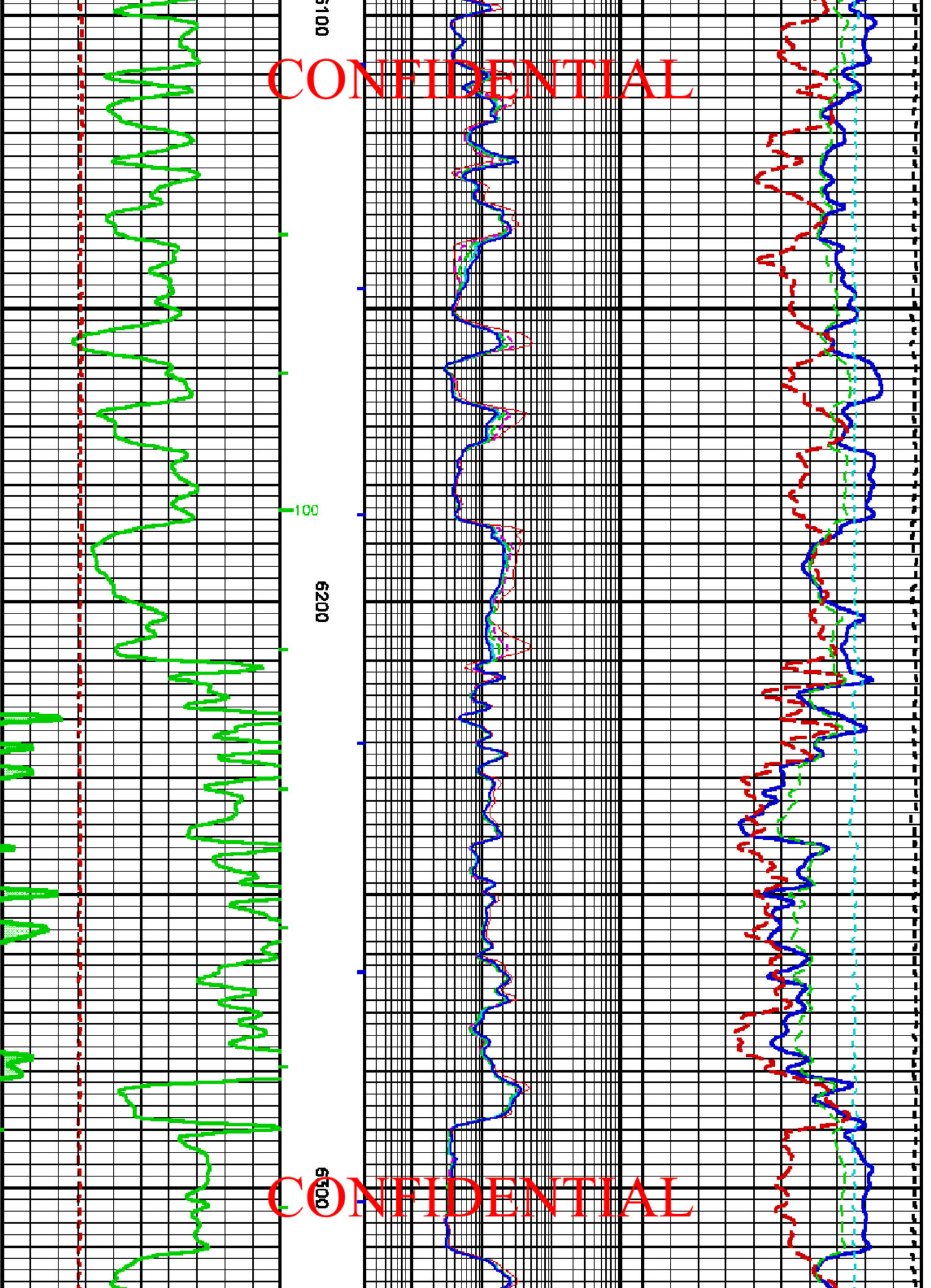
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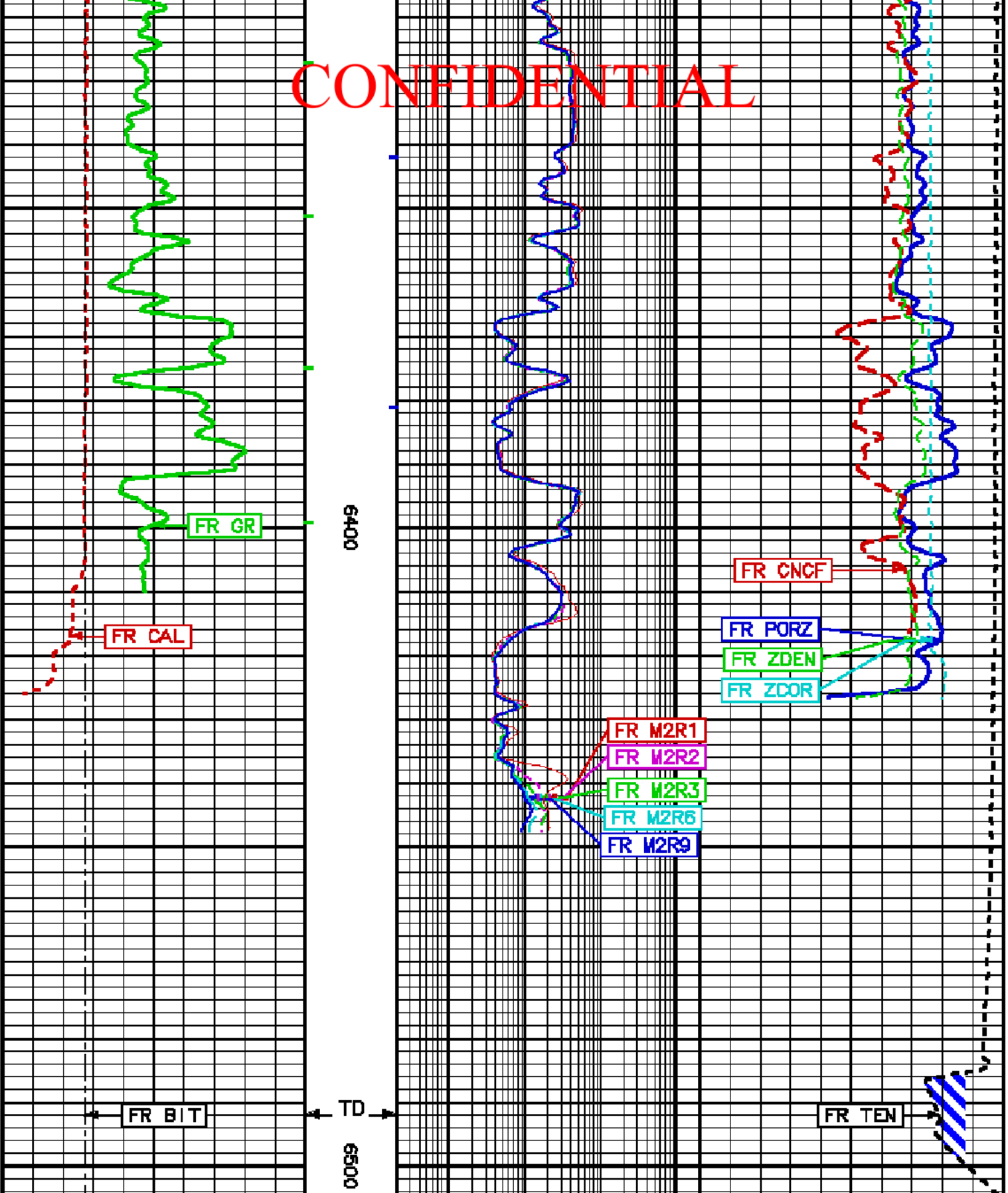
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GR BACKUP	
GAMMA RAY [gr]	0 150
(gAPI)	
CALIPER [cal]	6 18
(in)	
BVOL	-10 100

2FT. Matched Resolution Resistivity		
10 in. DOI [m2r1]	0.2	2000
(ohm.m)		
20 in. DOI [m2r2]	0.2	2000
(ohm.m)		
30 in. DOI [m2r3]		

TOOL STICKING	
Z-DENSITY POROSITY [porz]	60 0
(pu)	
NEUTRON POROSITY [cncf]	60 0
(pu)	

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BIT SIZE (in)	1000	(ohm.m)	2000	BULK DENSITY [zden] (g/cm <sup>3</sup> )
CYCLE	0.2	60 in. DOI [m2r6]	2000	Z-CORR [zcor] -0.5 0.5
100	0.2	90 in. DOI [m2r9]	2000	(g/cm <sup>3</sup> )
1000	0.2	(ohm.m)	2000	DIFF. TENSION [ten] -1.750 -250
	0.2	10 in. DOI [m2r1.i]	2000	(lbf)
	0.2	(ohm.m)	2000	
	0.2	20 in. DOI [m2r2.i]	2000	
	0.2	(ohm.m)	2000	
	0.2	30 in. DOI [m2r3.i]	2000	
	0.2	(ohm.m)	2000	
	0.2	60 in. DOI [m2r6.i]	2000	
	0.2	(ohm.m)	2000	
	0.2	90 in. DOI [m2r9.i]	2000	
	0.2	(ohm.m)	2000	

REPEAT LOG

ECLIPS 6.1f Aug 06, 2010

Sat Oct 2 16:04:16 2010

Pcrplt /main/62

Cplot

Pdf\_Cpp /main/16

Fileview 5.50

PARAMETER AND FILTER SUMMARY REPORT

File: /data/595631/m77103.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 8205.250 ft BOTTOM DEPTH: 8512.852 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER ( )	medium (1)		TOP	BOTTOM
TENSION	FILTER ( )	medium (1)		''	''
GR	FILTER ( )	medium (1)		''	''
CN	FILTER ( )	medium (1)		''	''
CALIPER	FILTER ( )	medium (1)		''	''
	FILTER (.h)	medium (1)		''	''
	FILTER (.l)	medium (1)		''	''
ZDL MED RES	FILTER (hrd1*)	medium		''	''
	FILTER (hrd1a*)	medium		''	''
	FILTER (hrd2*)	medium		''	''
	FILTER (hrd2a*)	medium		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	5.500	1m	TOP	BOTTOM
	CASING THICKNESS	0.000	1m	''	''
BIT SIZE	BIT SIZE	8.750	1m	''	''
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cmh*)	USE CALIPER		TOP	8438.352
		USE FIXED SIZE		BOTTOM	8512.852

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CALIPER/FIXED DIA. (inb\*)

USE CALIPER

TOP

6463.352

USE FIXED SIZE

6463.352

BOTTOM

BOREHOLE CORR DIAMETER

FIXED DIAMETER (inb\*)

8.750

1in

TOP

BOTTOM

FIXED DIAMETER (inb\*)

8.750

1in

"

"

BH MUD RESISTIVITY SOURCE

MUD SOURCE (OIL)

OIL BASE MUD

"

"

**CONFIDENTIAL****CN PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
2448 CN MATRIX	2448 MATRIX	SANDSTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	"	"
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		"	"
	BIT SIZE BEHIND CSNG	7.875	1in	"	"

**ZDL PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DENSITY POROSITY	RHOmatrix	2.650	g/cm3	TOP	BOTTOM
	RHOfluid	0.900	g/cm3	"	"
ZDL	DENK TRACKING	ON		"	"

**HDIL PROCESSING**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"
	ABC to CALCULATE	STANDOFF		"	"
	STANDOFF	0.70	1in	"	"
	TOOL POSITION	ECCENTERED		"	"
	Rmsd MULTIPLIER	1.000		"	"

**CURVE DESCRIPTION REPORT**

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Oct 2 07:43:40 2010	BIT SIZE
F1:BYOL	Oct 2 07:43:40 2010	BOREHOLE VOLUME
F1:CAL	Oct 2 07:43:40 2010	CALIPER
F1:CNCF	Oct 2 07:43:40 2010	FIELD NORMALIZED COMPENSATED NEUTRON POROSITY
F1:CYOL	Oct 2 07:43:40 2010	CEMENT VOLUME
F1:GR	Oct 2 07:43:40 2010	GAMMA RAY
F1:M2R1	Oct 2 07:43:40 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 10-INCH DOI
F1:M2R2	Oct 2 07:43:40 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 20-INCH DOI
F1:M2R3	Oct 2 07:43:40 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 30-INCH DOI
F1:M2R6	Oct 2 07:43:40 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 60-INCH DOI
F1:M2R9	Oct 2 07:43:40 2010	VERTICAL 2-FOOT RESOLUTION MATCHED RESISTIVITY, 90-INCH DOI
F1:PORZ	Oct 2 07:43:40 2010	POROSITY FOR SELECTABLE MATRIX
F1:TEM	Oct 2 07:43:40 2010	DIFFERENTIAL TENSION
F1:ZCOR	Oct 2 07:43:40 2010	DENSITY CORRECTION
F1:ZDEN	Oct 2 07:43:40 2010	FORMATION BULK DENSITY

**CURVE MEASURE POINT OFFSET**

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	M2R1	49.50	M2R9	49.50	ZDEN	75.75
CAL	76.50	M2R2	49.50	PORZ	75.75		
CNCF	86.75	M2R3	49.50	TEM	0.00		
GR	95.75	M2R6	49.50	ZCOR	75.75		

Presentation : rta4232:/data/595831/SLAM\_REPEAT.pdf [3"/100' Scale]

Plot Interval : 8190 - 8508.5 Feet

Data File 1 : F1 : rta4232:/data/595831/REPEAT.pdf

Created On : Oct 2 07:43:40 2010

Company : BRIDGE ENERGY

Well : MAY 1-13

Field : WILDCAT

File Interval : 0 - 8509 Feet

Oct : m7711

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GR BACKUP

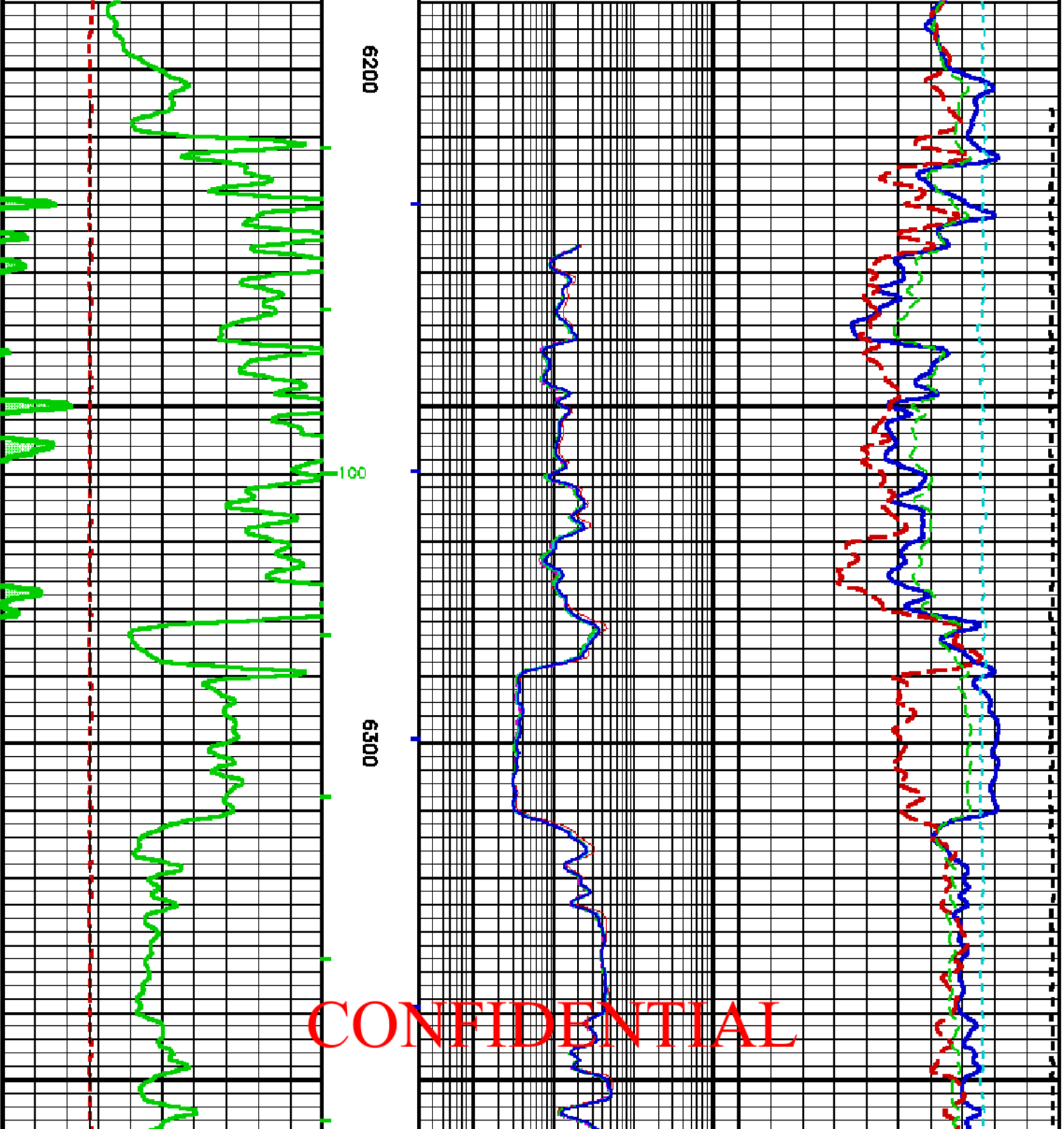
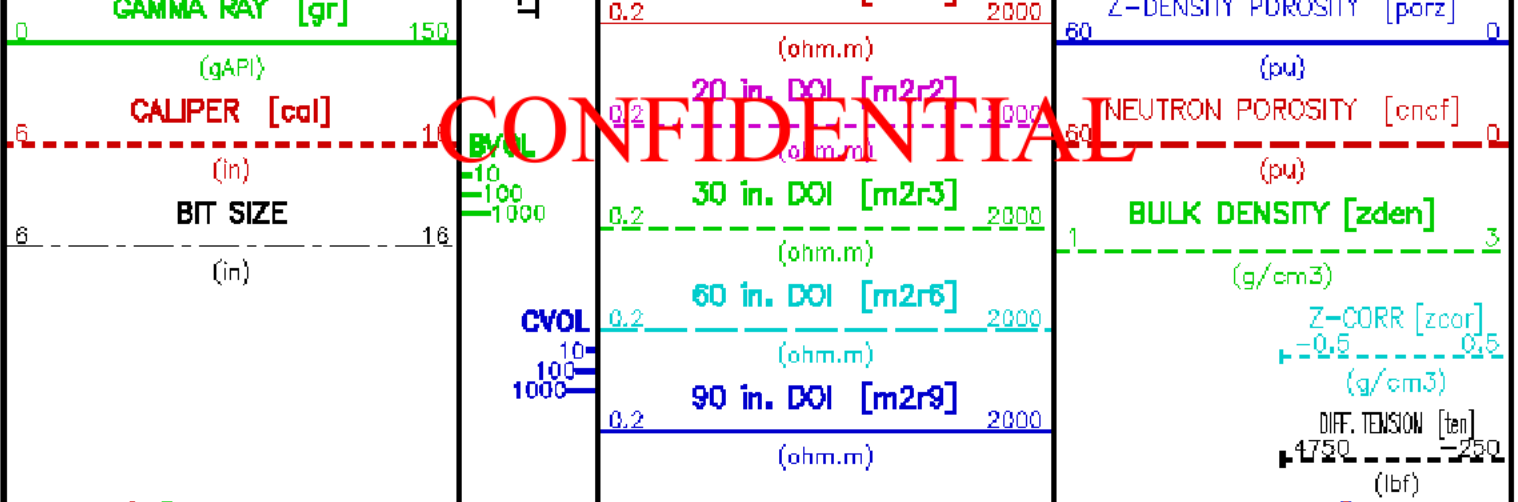
FEET

ZFT. Matched Resolution Resistivity

10 in. DOI [m2r1]

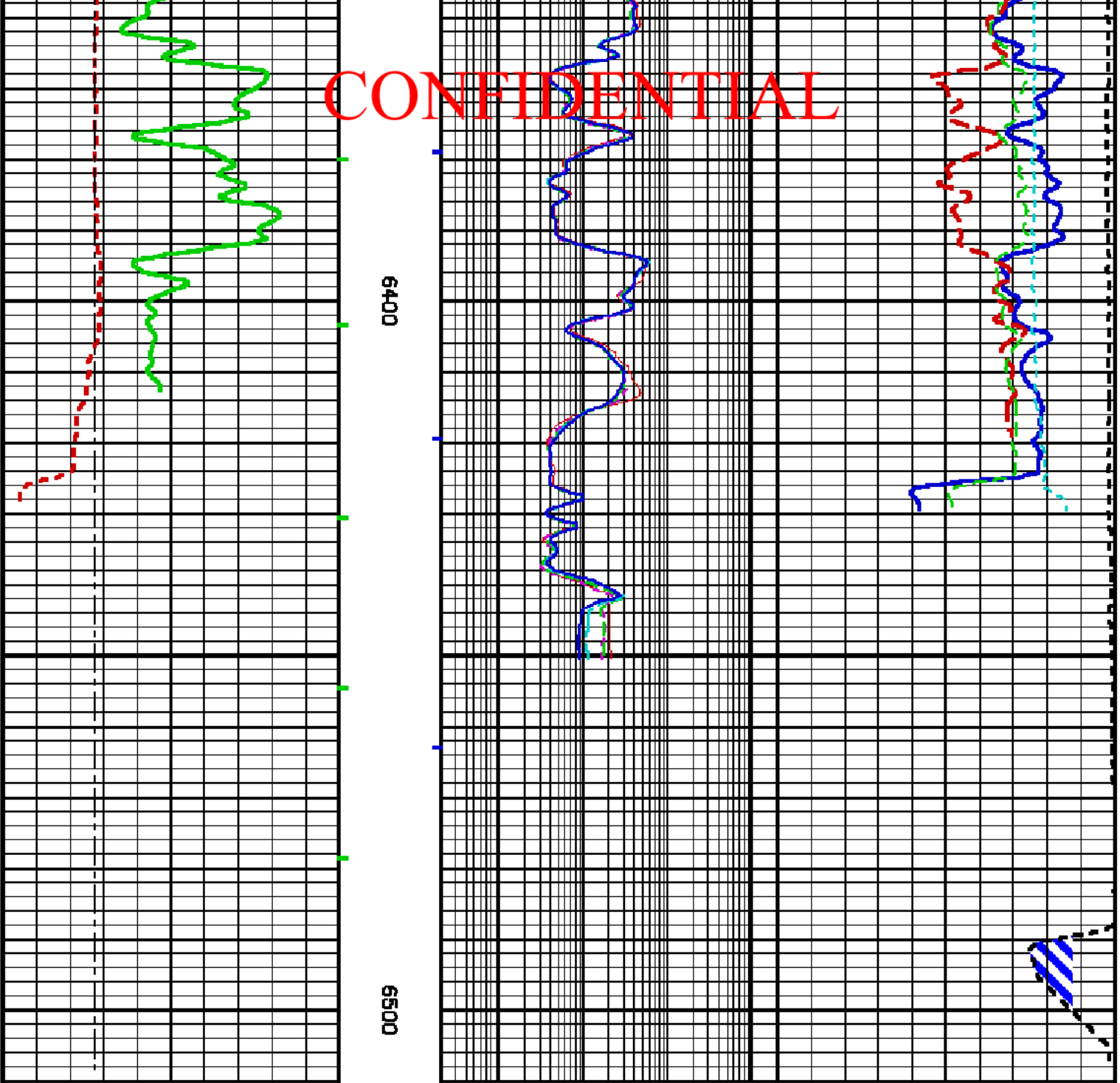
TOOL STICKING

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6400

6500

FEET

**GR BACKUP**

**GAMMA RAY [gr]**  
 (gAPI) 0 150

**CALIPER [cal]**  
 (in) 6 16

**BIT SIZE**  
 (in) 8 18

**BVOL**  
 10  
 100  
 1000

**CVOL**  
 10  
 100  
 1000

**2FT. Matched Resolution Resistivity**

**10 in. DOI [m2r1]**  
 (ohm.m) 0.2 2000

**20 in. DOI [m2r2]**  
 (ohm.m) 0.2 2000

**30 in. DOI [m2r3]**  
 (ohm.m) 0.2 2000

**60 in. DOI [m2r6]**  
 (ohm.m) 0.2 2000

**90 in. DOI [m2r9]**  
 (ohm.m) 0.2 2000

**TOOL STICKING**

**Z-DENSITY POROSITY [porz]**  
 (pu) 60 0

**NEUTRON POROSITY [cnrf]**  
 (pu) 60 0

**BULK DENSITY [zden]**  
 (g/cm<sup>3</sup>) 1 3

**Z-CORR [zcor]**  
 (g/cm<sup>3</sup>) 0.5 0.5

**DIFF. TENSION [ten]**  
 (lbf) 4750 250

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HIRES LOG 10"/100FT SCALE

ECLIPS 6.11 Aug 06, 2010

Sat Oct 2 16:46:07 2010

Perpht /main/62

Cplot

Pdf\_Cpp /main/16

Fileview 5.50

## PARAMETER AND FILTER SUMMARY REPORT

File: /dat1a/985631/w777v02.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 1089.825 ft BOTTOM DEPTH: 1431.250 ft

### SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
Y AXIS CALIPER	FILTER ( )	light (2)		TOP	BOTTOM
TENSION	FILTER ( )	medium (1)		"	"
OR	FILTER (.h)	light (2)		"	"
CN	FILTER (.h)	light (2)		"	"
CALIPER	FILTER ( )	light (2)		"	"
	FILTER (.h)	light (2)		"	"
	FILTER (.l)	light (2)		"	"
ZDL MED RES	FILTER (hrd1*)	light		"	"
	FILTER (hrd1a*)	light		"	"
	FILTER (hrd2*)	light		"	"
	FILTER (hrd2a*)	light		"	"
ZDL HIGH RES	FILTER (hrd1*)	light		"	"
	FILTER (hrd1a*)	light		"	"
	FILTER (hrd2*)	light		"	"
	FILTER (hrd2a*)	light		"	"

### BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	5.500	1in	TOP	BOTTOM
	CASING THICKNESS	0.000	1in	"	"
BIT SIZE	BIT SIZE	8.750	1in	"	"
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"	"
	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		"	"
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	8.750	1in	"	"
	FIXED DIAMETER (cnbh*)	8.750	1in	"	"
BH MUD RESISTIVITY SOURCE	RMD SOURCE (HDIL)	OIL BASE MUD		"	"

### CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
2448 CN MATRIX	2448 MATRIX	SANDSTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	"	"
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		"	"
	BIT SIZE BEHIND CSMB	7.875	1in	"	"

### ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
DENSITY POROSITY	RHDcntrix	2.850	g/cm3	TOP	BOTTOM
	RHDfluid	0.900	g/cm3	"	"
ZDL	DETH TRACKING	ON		"	"

### HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		"	"

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ABC to CALCULATE STANDOFF 0.70 1m  
 TOOL POSITION ECCENTRICED  
 Read MULTIPLIER 1.000

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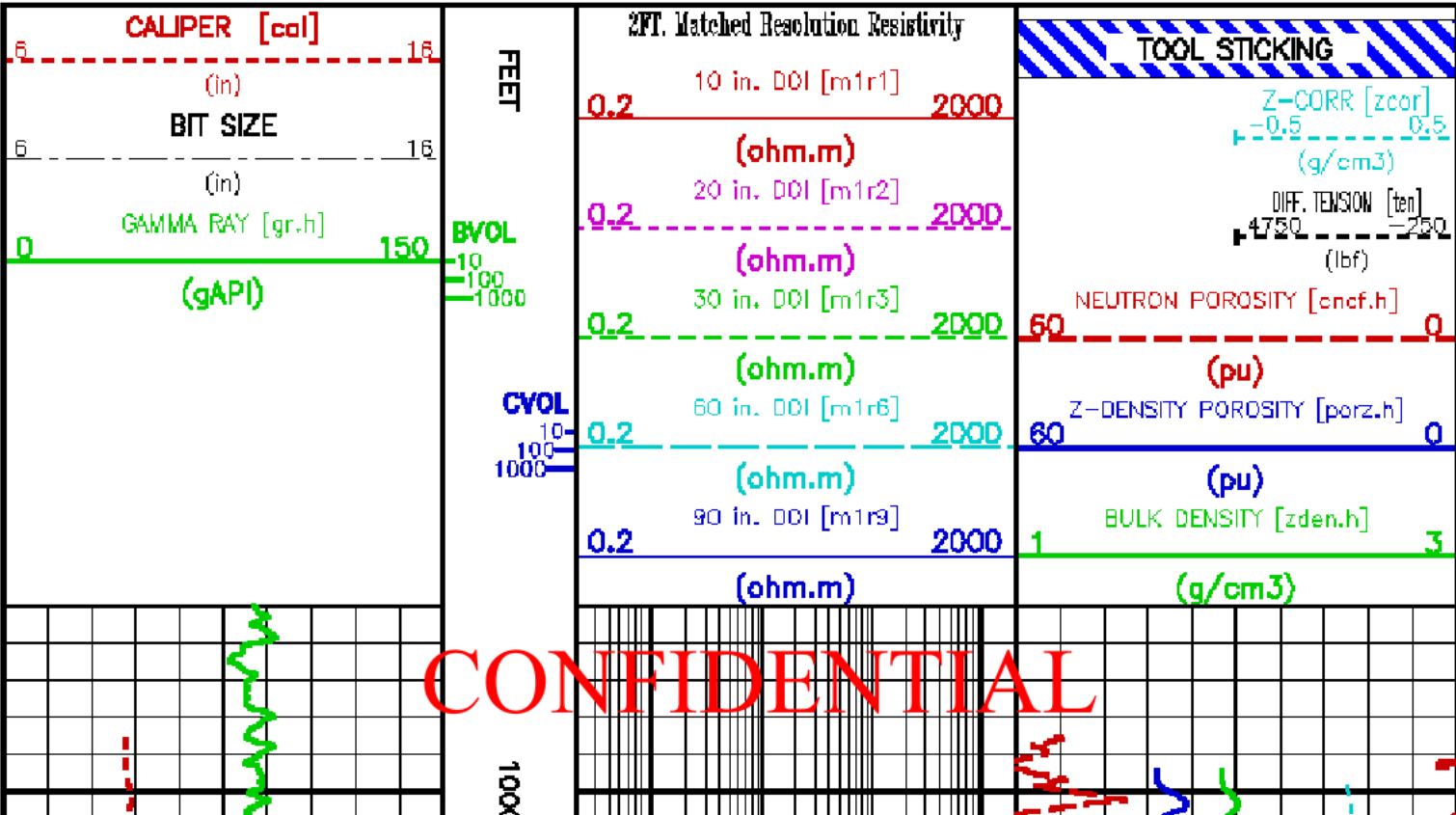
## CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:BIT	Oct 2 15:11:53 2010	BIT SIZE
F1:BVOL	Oct 2 15:11:53 2010	BOREHOLE VOLUME
F1:CAL	Oct 2 15:11:53 2010	CALIPER
F1:CMCFQH	Oct 2 15:11:53 2010	FIELD NORMALIZED COMPENSATED NEUTRON POROSITY
F1:CVOL	Oct 2 15:11:53 2010	CEMENT VOLUME
F1:GRQH	Oct 2 15:11:53 2010	GAMMA RAY
F1:M1R1	Oct 2 15:11:53 2010	VERTICAL 1-FOOT RESOLUTION MATCHED RESISTIVITY, 10-INCH DOI
F1:M1R2	Oct 2 15:11:53 2010	VERTICAL 1-FOOT RESOLUTION MATCHED RESISTIVITY, 20-INCH DOI
F1:M1R3	Oct 2 15:11:53 2010	VERTICAL 1-FOOT RESOLUTION MATCHED RESISTIVITY, 30-INCH DOI
F1:M1R6	Oct 2 15:11:53 2010	VERTICAL 1-FOOT RESOLUTION MATCHED RESISTIVITY, 60-INCH DOI
F1:M1R9	Oct 2 15:11:53 2010	VERTICAL 1-FOOT RESOLUTION MATCHED RESISTIVITY, 90-INCH DOI
F1:PORZQH	Oct 2 15:11:53 2010	POROSITY FOR SELECTABLE MATRIX
F1:TEN	Oct 2 15:11:53 2010	DIFFERENTIAL TENSION
F1:ZCOR	Oct 2 15:11:53 2010	DENSITY CORRECTION
F1:ZDENQH	Oct 2 15:11:53 2010	FORMATION BULK DENSITY

### CURVE MEASURE POINT OFFSET

CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
BIT	0.00	M1R1	48.00	M1R9	48.00	ZDENQH	74.38
CAL	75.00	M1R2	48.00	PORZQH	74.38		
CMCFQH	85.38	M1R3	48.00	TEN	0.00		
GRQH	82.25	M1R6	48.00	ZCOR	74.25		

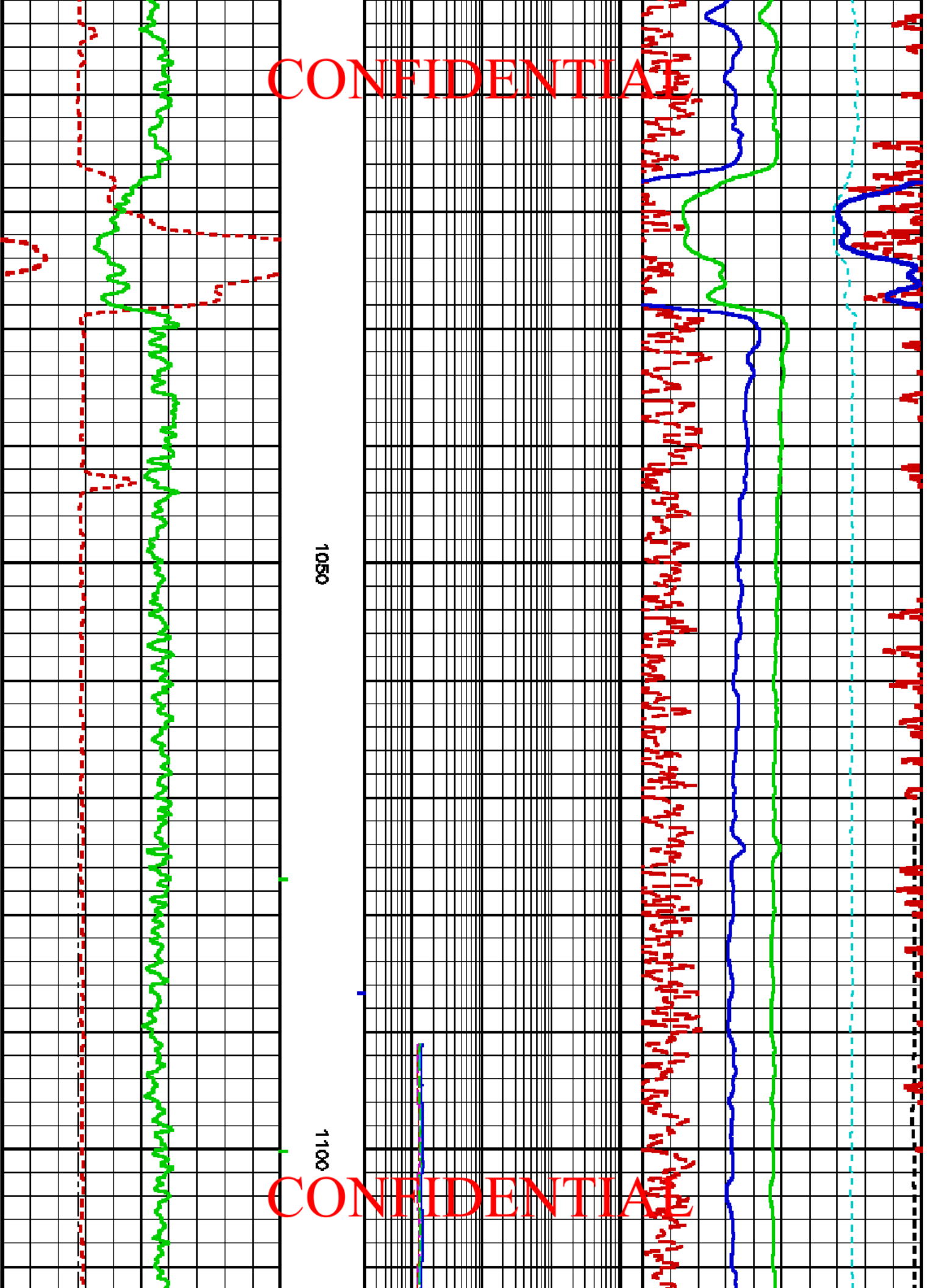
Presentation : rta4232:/dat1a/585831/SLAM\_HIRES.pdf [10"/100' Scale]  
 Plot Interval : 980 - 1380 Feet  
  
 Data File 1 : F1 : rta4232:/dat1a/585831/m777v02.aiff  
 Created On : Oct 2 15:11:53 2010  
 Company : BRIDGE ENERGY  
 Well : MAY 1-13  
 Field : WILDCAT  
 File Interval : 971.75 - 1431.25 Feet  
 Oct : m777v



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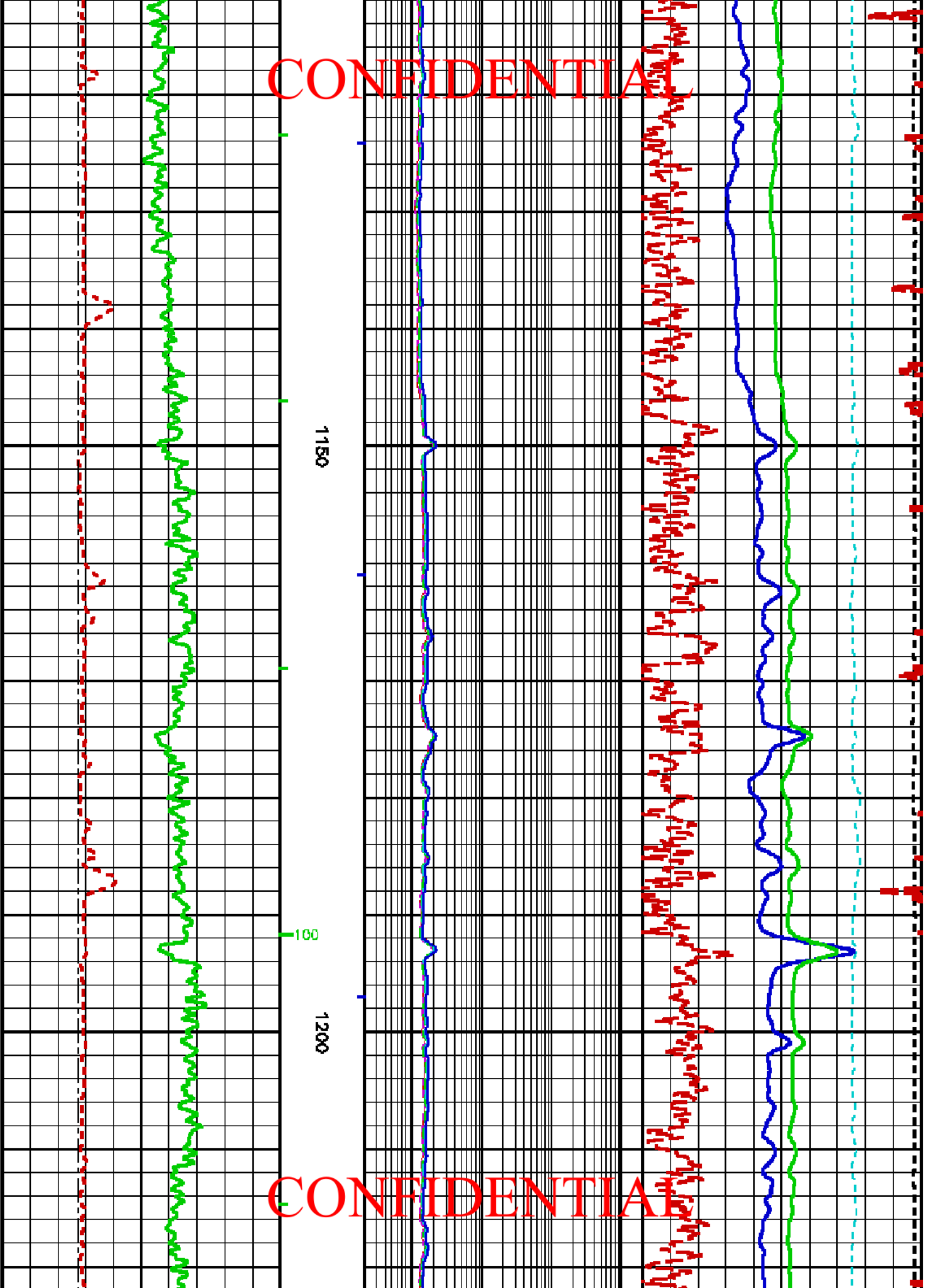
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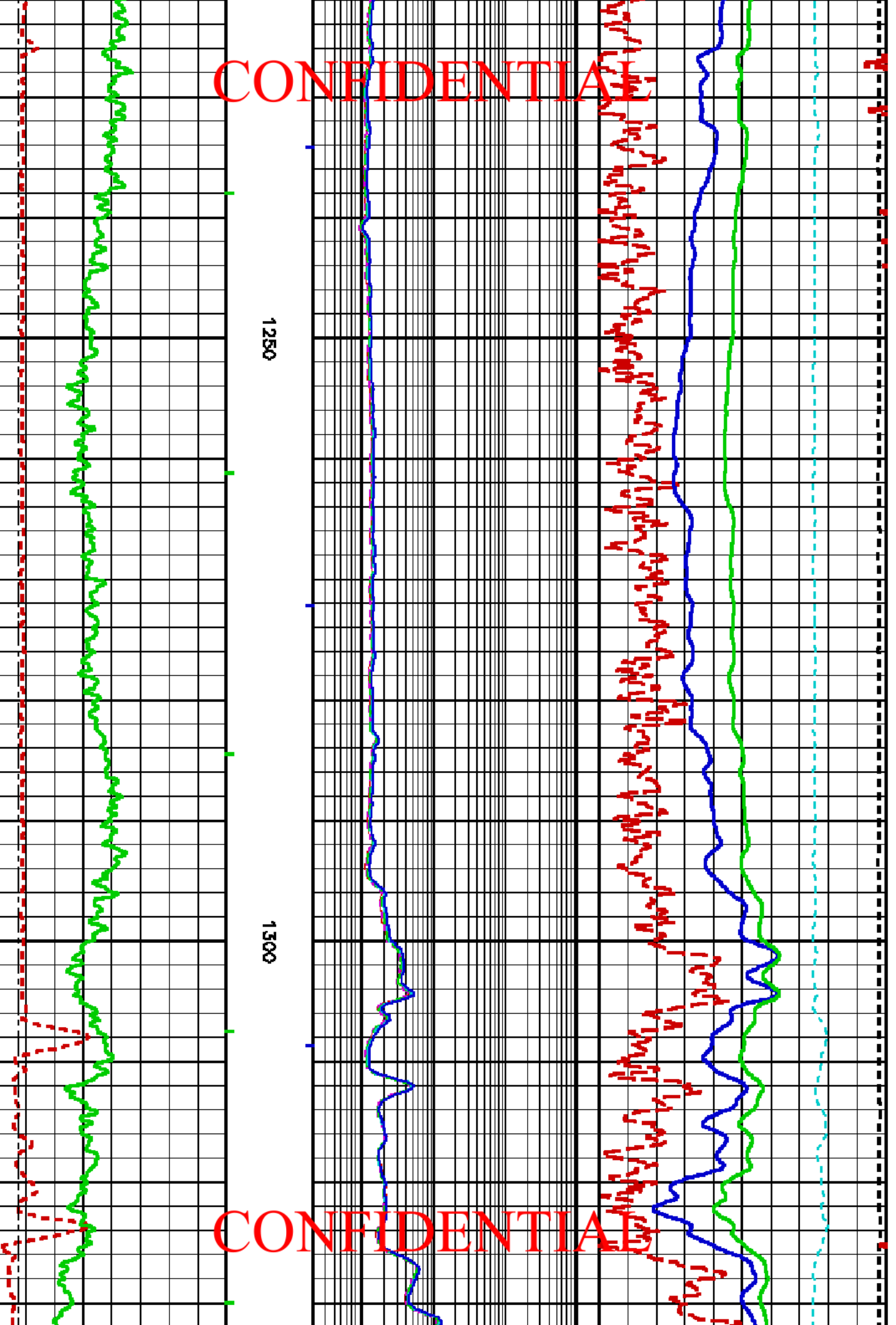


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1250

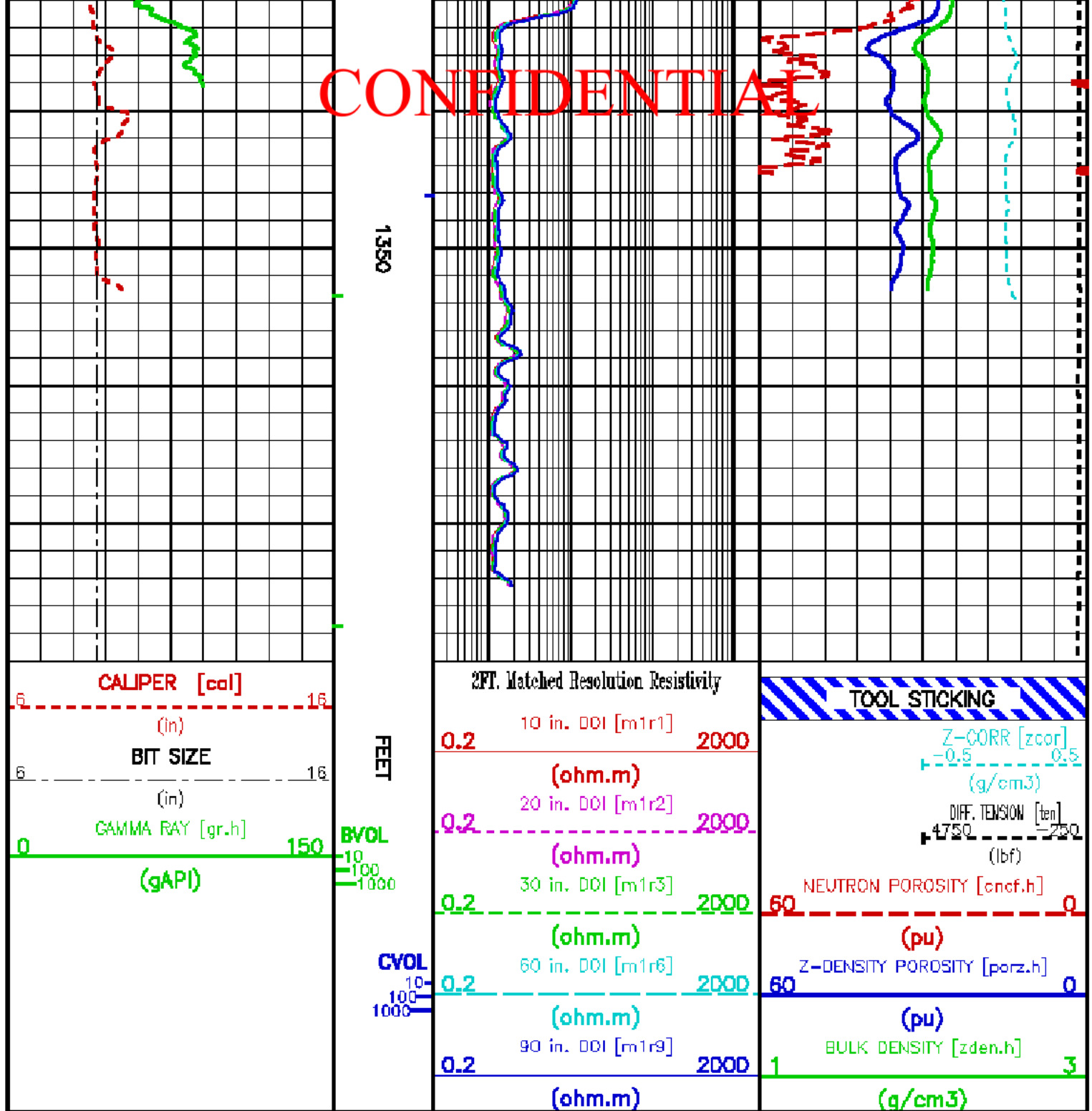
1300

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CALIBRATION / VERIFICATION SUMMARY

Source File: /cal1a/88831/m777r.la1

GR PRIMARY CALIBRATION SUMMARY

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TOOL #: 1329XA 10203 01      DATE/TIME PERFORMED: Wed Sep 20 11:19:51 2010  
 UNIT #: 3885TD HL6630      CALB JIG #: 4702NK DA-321

BACKGROUND CALBRTR ON	CR DIFF	MULT	BACKGROUND CALBRTR ON	CALBRTR
(cts/s)	(cts/s)		(gAPI)	(gAPI)

GR 309.91 1204.18 894.3 0.168 51.98 201.98 150  
 230.0 980.0

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## GR PRIMARY VERIFICATION SUMMARY

TOOL #: 1329XA 10203001 DATE/TIME PERFORMED: Mon Sep 20 11:24:43 2010  
 UNIT #: 3885TD HL6630 VERI JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	314.87	1203.71	0.168	52.81	201.98	149.09 140.00 185.00

## GR BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10203001 DATE/TIME PERFORMED: Sat Oct 2 06:11:43 2010 DAYS SINCE CAL: 11  
 UNIT #: 3885TD ML4232 VERI JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	259.87	1125.18	0.168	43.59	188.73	145.14 139.00 189.00

## GR AFTER LOG VERIFICATION SUMMARY

TOOL #: 1329XA 10203001 DATE/TIME PERFORMED: Sat Oct 2 16:19:55 2010 DAYS SINCE CAL: 12  
 UNIT #: 3885TD ML4232 VERI JIG #: 4702NK DA-321

	BACKGROUND (cts/s)	CALBRTR ON (cts/s)	MULT	BACKGROUND (gAPI)	CALBRTR ON (gAPI)	DIFF. (gAPI)
GR	198.00	1073.22	0.168	32.88	180.02	147.14 135.14 188.14

## CN PRIMARY CALIBRATION SUMMARY

TOOL #: 2446XA 10183501 DATE/TIME PERFORMED: Mon Sep 20 14:13:58 2010  
 UNIT #: 3885TD HL6630 CALIBRATOR #: 2437XB 112884 SOURCE #: 4717XS DN-982

	MEASURED CPS	DEADTM CORR CPS	DTC SSN/LSN	NOMINAL SSN/LSN	CORRECTION FACTOR	POROSITY (pu)
LSN	608.80	617.83				
SSN	1595.04	1647.60				
RATIO			2.66676	2.75100	1.03159 0.97000 1.07000	
CN						21.358

## CN PRIMARY VERIFICATION SUMMARY

TOOL #: 2446XA 10183501 DATE/TIME PERFORMED: Mon Sep 20 14:17:52 2010  
 UNIT #: 3885TD HL6630 ICE BLOCK #: 4717ND 00-112

	MEASURED CPS	DEADTM CORR CPS	DTC SSN/LSN	CORRECTION FACTOR	DTC CORR SSN/LSN	POROSITY (pu)
LSN	1721.71	1795.96				
SSN	3968.98	4311.30				
RATIO			2.40056	2.40059	2.40781	
CN						17.561

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CN BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2446XA 10183501 DATE/TIME PERFORMED: Sat Oct 2 06:15:40 2010 DAYS SINCE CAL: 11

UNIT #: 3885TD ML4232 ICE BLOCK #: 4717ND 00-112

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	MEASURED CPS	DEADTM CPS	CORR	DTC SSN/LSN	CORRECTION FACTOR	DTC SSN/LSN	CORR	POROSITY (pu)
LSN	1667.23	1736.77						
SSN	3977.71	4321.59						
RATIO				2.48829	1.03159		2.56850	
CN								18.794 15.581 19.591

CN AFTER LOG VERIFICATION SUMMARY

TOOL #: 2446XA 10183501 DATE/TIME PERFORMED: Sat Oct 2 16:14:58 2010 DAYS SINCE CAL: 12

UNIT #: 3885TD ML4232 ICE BLOCK #: 4717ND 00-112

	MEASURED CPS	DEADTM CPS	CORR	DTC SSN/LSN	CORRECTION FACTOR	DTC SSN/LSN	CORR	POROSITY (pu)
LSN	1687.34	1758.60						
SSN	3988.11	4333.86						
RATIO				2.48438	1.03159		2.54358	
CN								18.450 18.794 20.794

CAL PRIMARY CALIBRATION SUMMARY

TOOL #: 2234XA 10322532 DATE/TIME PERFORMED: Mon Sep 20 14:54:54 2010

UNIT #: 3885TD HL8630

	SMALL RING	LARGE RING	MULT	ADD	SMALL RING (in)	LARGE RING (in)
CALIPER	1738.4	2536.4	0.00788	-5.46798	7.875	14.000

CAL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2234XA 10322532 DATE/TIME PERFORMED: Sat Oct 2 06:37:17 2010 DAYS SINCE CAL: 11

UNIT #: 3885TD ML4232

	I.D.	MULT	ADD	I.D. (in)
CALIPER	1932.4	0.00788	-5.91102	8.921

CAL AFTER LOG VERIFICATION SUMMARY

TOOL #: 2234XA 10322532 DATE/TIME PERFORMED: Sat Oct 2 15:01:11 2010 DAYS SINCE CAL: 12

UNIT #: 3885TD ML4232

	I.D.	MULT	ADD	I.D. (in)
CALIPER	1992.4	0.00788	-5.91102	9.382 8.481 9.421

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ZDL PRIMARY CALIBRATION SUMMARY

UNIT #: 3885TD HL6630

CALB BLKS: 2225XA 094299

CS SRC: 4703NT 27781E

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SS (Channel)	LS (Channel)	SS PKG (cps)	LS PKG (cps)
224.7	225.0	1348.8	1895.6
230.0 - 230.0	230.0 - 230.0		

	SS (cps)	LS (cps)	SHR	DEN (g/cm <sup>3</sup> )	CORR (g/cm <sup>3</sup> )	PE (b/e)
MG (LO PE)	26353.8	14070.3	0.617 0.553 0.685	1.688	0.003	2.150
AL	15318.8	1404.0		2.686	-0.008	
AL + SHIM	21201.8	2450.8		2.613	0.157	
MG + SHIM (HI PE)	12870.0	6689.3	0.250 0.210 0.270			8.700
RATIO AL + SHIM/AL	1.38 1.32 1.42	1.73 1.64 1.84				
RATIO MG/AL	1.72 1.85 1.78	10.02 9.40 10.80				

## ZDL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 2234XA 10322532

DATE/TIME PERFORMED: Sat Oct 2 06:15:11 2010

DAYS SINCE CAL: 11

UNIT #: 3885TD ML4232

	TOTAL (cps)	CSPK (Channel)	HV (V)
LS	1660.3 1660.0 - 1798.8	225.1 230.0 - 230.0	1237.3 1100.0 - 1550.0
SS	1347.1 1248.8 - 1448.8	225.7 230.0 - 230.0	1184.0 1100.0 - 1550.0
	LV (V)	PAD CURRENT (mA)	
	5.0 4.8 - 5.2	76.4 50.0 - 120.0	

## ZDL AFTER LOG VERIFICATION SUMMARY

TOOL #: 2234XA 10322532

DATE/TIME PERFORMED: Sat Oct 2 16:18:25 2010

DAYS SINCE CAL: 12

UNIT #: 3885TD ML4232

	TOTAL (cps)	CSPK (Channel)	HV (V)
LS	1658.2 1565.5 - 1798.5	224.1 230.0 - 230.0	1232.0 1100.0 - 1550.0
SS	1342.2 1249.8 - 1448.8	224.0 230.0 - 230.0	1173.7 1100.0 - 1550.0
	LV (V)	PAD CURRENT (mA)	
	5.0 4.8 - 5.2	67.1 50.0 - 120.0	

## HDIL PRIMARY CALIBRATION SUMMARY

TOOL #: 1515MA 10307148

DATE/TIME PERFORMED: Wed Jun 16 09:04:46 2010

UNIT #: 6700XX 000001

GRCOND ID & DATE: 18 083096

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	-0.003 -0.200 0.200	-0.01 -0.100 0.100	0.000 -0.100 0.100	-0.000 0.200 0.200	-0.001 -0.100 0.100	0.000 -0.200 0.200	-0.001 -0.100 0.100	-0.002 -0.100 0.100
Coil 0 Q	0.008 -1.000 1.000	0.010 -0.200 0.200	0.001 -0.100 0.100	0.001 -0.100 0.100	0.002 -0.100 0.100	0.001 -0.100 0.100	-0.000 -0.100 0.100	0.001 -0.100 0.100
Coil 1 R	0.008 -0.200 0.200	0.009 -0.100 0.100	0.005 -0.100 0.100	0.010 -0.100 0.100	0.010 -0.100 0.100	0.005 -0.100 0.100	0.007 -0.100 0.100	0.008 -0.100 0.100

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Coil 6 R	-2.09	-0.97	-0.97	-0.92	-0.92	-0.99	-1.00	-1.00
Coil 6 Q	4.05	4.21	6.02	7.89	9.96	12.05	14.15	16.23

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MM Factor	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	0.996	0.996	0.993	0.993	0.993	0.991	0.980	0.981
Coil 0 P	0.018	0.094	0.239	0.161	0.183	0.188	0.222	0.287
Coil 1 M	0.995	0.993	0.989	0.989	0.988	0.986	0.984	0.985
Coil 1 P	0.070	0.223	0.318	0.321	0.318	0.256	0.247	0.186
Coil 2 M	1.032	1.000	0.998	0.999	0.998	0.997	0.996	0.994
Coil 2 P	-0.016	0.009	0.053	0.079	0.120	0.093	0.129	0.091
Coil 3 M	1.021	1.021	1.020	1.020	1.018	1.018	1.018	1.018
Coil 3 P	0.019	0.018	0.071	0.074	0.082	0.008	0.034	0.087
Coil 4 M	1.031	1.031	1.030	1.031	1.030	1.030	1.028	1.028
Coil 4 P	0.079	0.041	0.047	0.089	0.099	0.082	0.116	0.026
Coil 5 M	1.032	1.032	1.032	1.032	1.029	1.031	1.029	1.029
Coil 5 P	0.049	-0.036	0.039	0.052	0.036	-0.045	0.071	-0.029
Coil 6 M	1.036	1.036	1.036	1.035	1.034	1.040	1.038	1.038
Coil 6 P	0.007	0.135	0.084	0.135	0.066	-0.078	0.002	-0.219

PARMS TCID 0 TCID 1 Cal Temp T Factor  
 (degF)  
 IDe 1.277 0.880 84.5 1.04

## HDIL BEFORE LOG VERIFICATION SUMMARY

TOOL #: 1515MA 1030714B DATE/TIME PERFORMED: Sat Oct 2 07:39:46 2010 DAYS SINCE CAL: 107  
 UNIT #: 3685TD ML4232

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	-0.003	-0.001	-0.000	-0.002	-0.003	-0.001	-0.001	-0.003
Coil 0 Q	0.006	0.007	0.003	0.000	0.002	0.000	-0.000	0.000
Coil 1 R	-0.002	0.001	0.002	0.001	-0.000	0.000	-0.001	-0.002
Coil 1 Q	0.003	0.003	0.002	0.001	0.002	0.002	0.002	0.000
Coil 2 R	0.007	0.001	-0.002	-0.004	-0.001	-0.003	0.002	0.005
Coil 2 Q	-0.003	-0.004	0.002	0.000	-0.001	-0.005	-0.003	-0.002
Coil 3 R	0.005	0.001	0.003	0.003	0.002	0.000	-0.001	0.000
Coil 3 Q	-0.009	-0.008	-0.004	0.001	-0.003	-0.000	0.001	0.002
Coil 4 R	-0.007	-0.004	-0.005	-0.003	-0.000	0.001	0.006	0.002
Coil 4 Q	-0.008	0.008	0.001	-0.001	-0.001	-0.005	0.003	0.001
Coil 5 R	-0.007	0.006	0.009	-0.002	-0.002	-0.007	-0.007	-0.011
Coil 5 Q	-0.006	-0.003	-0.001	0.000	-0.002	0.009	0.012	0.008
Coil 6 R	-0.022	-0.10	-0.182	-0.054	0.027	0.007	0.012	0.032
Coil 6 Q	0.013	0.028	-0.004	-0.020	-0.044	-0.020	-0.010	-0.016

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ELEC. GAINS 10 KHz 30 KHz 50 KHz 70 KHz 90 KHz 110 KHz 130 KHz 150 KHz

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Coil 0 M	127.13	125.75	123.24	119.80	115.26	109.72	103.03	95.31
Coil 0 P	7.848	24.650	41.123	57.543	73.992	90.419	106.822	123.185
Coil 1 M	222.79	220.58	216.59	211.16	204.14	195.57	185.13	173.38
Coil 1 P	7.478	23.524	39.230	54.869	70.458	86.104	101.717	117.248
Coil 2 M	443.51	438.64	429.67	417.60	401.34	381.87	358.34	331.14
Coil 2 P	8.013	25.119	41.887	58.622	75.339	92.069	108.821	125.422
Coil 3 M	722.39	714.97	701.82	683.86	660.49	632.25	598.80	560.20
Coil 3 P	7.742	24.283	40.481	56.609	72.705	88.814	104.917	120.937
Coil 4 M	1125.0	1112.4	1089.5	1058.6	1017.5	967.7	908.1	840.0
Coil 4 P	8.160	25.573	42.631	59.649	76.637	93.609	110.564	127.360
Coil 5 M	2294.0	2289.0	2222.4	2159.7	2077.3	1977.6	1858.9	1721.3
Coil 5 P	8.271	26.862	43.114	60.310	77.609	94.700	111.909	129.003
Coil 6 M	6088.1	5992.8	5821.4	5581.2	5306.2	4977.5	4607.3	4200.9
Coil 6 P	8.583	27.965	46.535	64.883	83.014	100.998	118.818	136.355

HBIL AFTER LOG VERIFICATION SUMMARY

TOOL #: 1515WA 10307148 DATE/TIME PERFORMED: Sat Oct 2 15:05:08 2010 DAYS SINCE CAL: 102

UNIT #: 3885TD ML4232

ZERO DATA(mv)	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 R	-0.004	0.000	-0.001	-0.003	-0.004	-0.001	-0.001	-0.001
Coil 0 Q	0.006	0.008	0.003	0.001	0.001	-0.000	-0.000	0.000
Coil 1 R	-0.000	0.002	0.001	-0.002	-0.002	-0.001	-0.002	-0.004
Coil 1 Q	0.002	0.006	0.005	0.002	0.001	0.001	0.001	0.000
Coil 2 R	0.010	0.004	-0.005	-0.008	-0.008	-0.001	0.003	0.007
Coil 2 Q	-0.006	0.003	0.008	0.002	-0.007	-0.011	-0.006	-0.003
Coil 3 R	0.015	0.005	-0.003	-0.005	-0.003	0.001	0.001	-0.001
Coil 3 Q	-0.015	-0.005	0.005	0.000	-0.007	-0.004	-0.001	-0.005
Coil 4 R	0.008	0.015	-0.008	-0.020	-0.012	-0.002	0.008	0.002
Coil 4 Q	-0.009	0.021	0.018	0.002	-0.005	-0.009	-0.006	0.003
Coil 5 R	0.030	0.023	-0.009	-0.019	-0.008	-0.003	0.006	-0.003
Coil 5 Q	-0.011	0.020	0.025	-0.001	-0.008	-0.008	0.004	0.001
Coil 6 R	0.057	0.020	-0.053	-0.104	-0.074	-0.002	0.024	0.030
Coil 6 Q	0.012	0.086	0.064	0.015	-0.059	-0.046	-0.042	-0.005

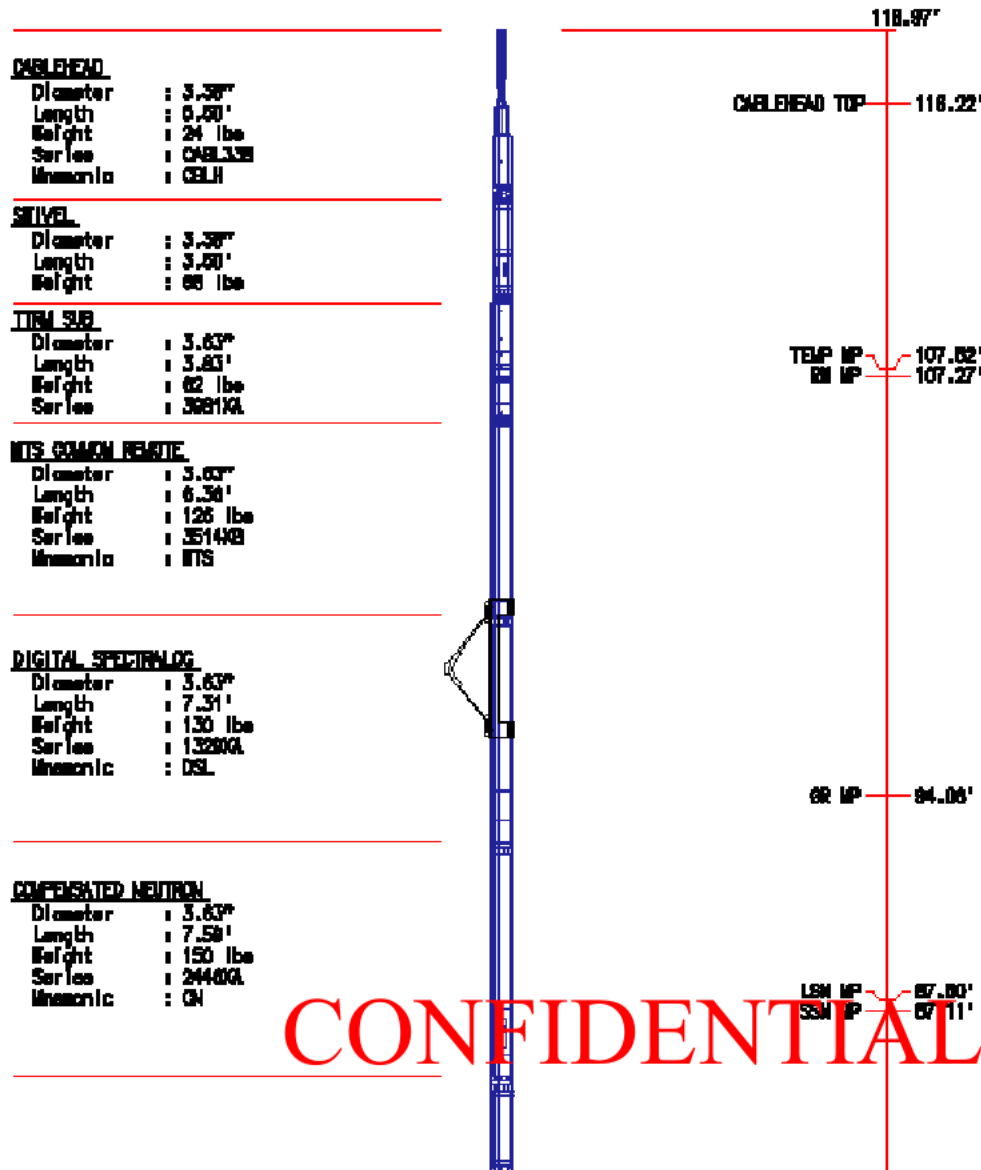
ELEC. GAINS	10 KHz	30 KHz	50 KHz	70 KHz	90 KHz	110 KHz	130 KHz	150 KHz
Coil 0 M	126.85	125.34	122.87	119.42	114.87	109.26	102.58	94.75
Coil 0 P	7.828	24.670	41.009	57.420	73.849	90.286	106.602	122.878
Coil 1 M	222.23	220.16	216.27	211.35	203.86	195.13	184.81	172.86
Coil 1 P	7.448	23.408	39.069	54.682	70.262	85.851	101.415	116.848
Coil 2 M	442.00	437.39	428.56	416.56	400.48	380.69	357.06	329.87

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Coil 2 P	8.001	25.023	41.748	58.475	75.170	91.879	108.571	125.109
Coil 3 M	723.25	718.29	703.19	685.35	662.25	633.46	599.83	560.71
Coil 3 P	7.705	24.154	40.189	55.337	72.427	85.431	104.517	120.483
Coil 4 M	1127.4	1116.5	1095.1	1061.7	1020.7	970.0	909.7	841.0
Coil 4 P	6.134	25.467	42.482	59.484	76.447	93.387	110.260	127.020
Coil 5 M	2295.4	2271.8	2228.3	2163.3	2081.1	1979.9	1859.8	1721.8
Coil 5 P	8.239	25.754	42.960	60.143	77.307	94.463	111.601	128.646
Coil 6 M	6077.5	5886.8	5618.8	5358.7	5005.2	4675.4	4263.6	3780.3
Coil 6 P	6.839	27.818	46.329	64.642	82.743	100.683	118.413	135.881

## INSTRUMENT CONFIGURATION

Source File: /dall/a/585631/m7711'-tdg



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**2-305100**  
Diameter : 4.89"  
Length : 11.22'  
Weight : 380 lbs  
Series : 22349A  
Mnemonic : ZDL

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CAL MP 76.84'  
LSD MP 76.12'  
9SD MP 76.72'

**KNUCKLE JOINT (DOUBLE)**

Diameter : 3.38"  
Length : 4.85'  
Weight : 80 lbs  
Series : 36389A  
Mnemonic : KJUT

**HIGH DEFINITION INDUCTION TOOL**

Diameter : 3.62"  
Length : 27.13'  
Weight : 415 lbs  
Series : 1515A  
Mnemonic : HDIL

8P MP 65.77'

XCTR MP 49.31'

**4 ARM BOB SPRING CENTRALIZER**

Diameter : 3.38"  
Length : 4.12'  
Weight : 72 lbs  
Series : 4341A

**ARMY ACUSTILOG ELECTRONICS, 8 CHANNEL**

Diameter : 3.38"  
Length : 7.82'  
Weight : 102 lbs  
Series : 1877EA  
Mnemonic : XMC

**CROSS MULTIPOLE ARMY ACUSTILOG**

Diameter : 3.78"  
Length : 10.91'  
Weight : 224 lbs  
Series : 1878A  
Mnemonic : XMF

R8 24.53'  
R7 24.53'  
R6 25.53'  
R5 25.53'  
R4 22.53'  
R3 22.53'  
R2 21.53'  
R1 21.53'

**SHEAR WAVE ACUSTILOG**

Diameter : 3.63"  
Length : 5.00'  
Weight : 135 lbs  
Series : 1878PB  
Mnemonic : XMC

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**MULTI-POLE ARRAY ACOUSTIC**  
 Diameter : 3.38"  
 Length : 7.92'  
 Weight : 170 lbs  
 Series : 16700A  
 Mnemonic : M9C

QUADRUPOLE T2 12.53'  
 QUADRUPOLE T3 12.63'  
 X-DIPOLE T3 10.78'  
 Y-DIPOLE T4 10.78'  
 MONOPOLE T1 8.3'

**CONFIDENTIAL**



**MULTI-POLE ARRAY ACOUSTIC**  
 Diameter : 3.38"  
 Length : 4.32'  
 Weight : 98 lbs  
 Series : 16700A  
 Mnemonic : M9C



**TEMPERATURE**

Diameter : 3.38"

TEMP MP 8:38'

**BALL PLUG 3 3/8**

TOTAL LENGTH: 118.87'  
 TOTAL WEIGHT: 2381 lbs  
 MAX DIAMETER: 0"4.60"

 <b>Baker Atlas</b> 	<b>COMPANY</b> <u>BRIDGE ENERGY</u> <b>WELL</b> <u>MAY 1-13</u> <b>FIELD</b> <u>WILDCAT</u> <b>COUNTY</b> <u>PAYETTE</u> STATE <u>IDAHO</u>	<b>FILE NO:</b> _____ <b>API NO:</b> <u>11-075-20017</u>
	<b>LOCATION:</b> <u>N1/4 NE/4</u>  SEC <u>13</u> TWP <u>3N</u> RGE <u>5W</u>	<b>ELEVATIONS:</b> KB <u>2188.8 FT</u> DF _____ GL <u>2189.8 FT</u> DATE <u>02-OCT-2010</u>

**CONFIDENTIAL**