



Baker Atlas

FILE NO: _____ COMPANY: **SIERRA GEOTHERMAL POWER, INC.**
 APN NO: **27-008-90074** WELL: **ALUM 25-29**
 FIELD: **ALUM**
 COUNTY: **ESMERALDA** STATE: **NEVADA**

Ver: 3.87 LOCATION: **SEC 29 TWP 1N RGE 28.5 E**
 TIGHT HOLE SHL: 2235.18' FSL & 938.11' FNL
 SW/C
 OTHER SERVICES:
 HDL
 ZDL/CN
 XMAC
 STAR/CBLL

PERMANENT DATUM G.L. _____ ELEVATION **4803.57 FT**
 LOG MEASURED FROM K.B. _____ 18.0 FT ABOVE P.D.
 DRILL MEAS. FROM K.B. _____
 ELEVATIONS:
 KB 4919.57 FT
 DF
 OL 4803.57 FT

DATE	25-NOV-2008	TRIP	1	25-NOV-2008	TRIP	4
SERVICE ORDER	575896			575896		
DEPTH DRILLER	3314 FT			3314 FT		
DEPTH LOGGER	3313 FT			3312 FT		
BOTTOM LOGGED INTERVAL	3311 FT			3310 FT		
TOP LOGGED INTERVAL	380 FT			680 FT		
CASING DRILLER	10.75 IN			10.75 IN		
CASING LOGGER	2280 FT			2280 FT		
BIT SIZE	9.875 IN			9.875 IN		
TYPE OF FLUID IN HOLE	LSND			LSND		
DENSITY	8.8 LB/G		40 S	8.8 LB/G		40 S
PH	9.7		6 C3	9.7		6 C3
SOURCE OF SAMPLE	FLG/LINE			FLG/LINE		
RM AT MEAS. TEMP.	0.885 QHM		0.67.72 DEGF	0.885 QHM		0.67.72 DEGF
RM AT MEAS. TEMP.	0.826 QHM		0.67.54 DEGF	0.826 QHM		0.67.54 DEGF
RMG AT MEAS. TEMP.	1.018 QHM		0.68.90 DEGF	1.018 QHM		0.68.90 DEGF
SOURCE OF RMF	MEASURED		MEASURED	MEASURED		MEASURED
RM AT BHT	0.278 QHM		0.232 DEGF	0.269 QHM		0.238 DEGF
TIME SINCE CIRCULATION	9.75 HOURS			21.75 HOURS		
MAX. RECORDED TEMP.	232 DEGF			238 DEGF		
EQUIP. NO.	M-4232		FALLON, NV	M-4232		FALLON, NV
RECORDED BY	C. PEAVEY			C. PEAVEY		
WITNESSED BY	J. HAMBLIN			J. HAMBLIN		

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 2 TRIP 1 : TEMP1 WAS RECORDED ON 1ST TRIP IN THE HOLE: 9.75 HOURS SINCE CIRCULATION
 A MAXIMUM READING THERMOMETER WAS RUN AS WELL AND THE MAXIMUM TEMPERATURE IT REACHED WAS: 232 DEGF
 THANK YOU FOR CHOOSING BAKER ATLAS!
 CREW: R. DANKLEFSEN AND J. HAYCOCK
 RIG: ENSIGN 581

RUN 2 TRIP 4 : TEMP4 WAS RECORDED ON 2ND TEMP LOG (4TH TRIP IN WELL): 21.75 HOURS SINCE CIRCULATION
 A MAXIMUM READING THERMOMETER WAS RUN AS WELL AND THE MAXIMUM TEMPERATURE IT REACHED WAS: 238 DEGF
 THANK YOU FOR CHOOSING BAKER ATLAS!
 CREW: R. DANKLEFSEN AND J. HAYCOCK
 RIG: ENSIGN 581

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
2	1	SWL	3944KD	10163844	FREE
2	1	TTRM	3681XA	10217216	FREE
2	1	WTS	3514KB	10200359	FREE
2	1	DSL	1328XA	10203000	FREE
2	4	SWL	3944KD	10163844	FREE
2	4	TTRM	3681XA	10217216	FREE
2	4	WTS	3514KB	10200359	FREE
2	4	DSL	1328XA	10203000	FREE

MAIN LOG 2"/100FT SCALE

ECLIPS 6.01 Feb 21, 2008
Updates: 1,43

Thu Nov 26 07:07:42 2009

Perplot /main/62

Cplot

Pdf_Cpp /main/16

Fileview 5.42

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/575986/k771101.prm
LOGGING MODE: DEPTH DIRECTION: DOWN
TOP DEPTH: 398.381 ft BOTTOM DEPTH: 3318.000 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		''	''

PARAMETER AND FILTER SUMMARY REPORT

FILE: /data/575986/k771111.prm
LOGGING MODE: DEPTH DIRECTION: DOWN
TOP DEPTH: 678.498 ft BOTTOM DEPTH: 3318.500 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		''	''

CURVE DESCRIPTION REPORT

CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:GR	GR	Nov 24 23:56:10 2009	GAMMA RAY
F1:TEMP1	TEMP1	Nov 24 23:56:10 2009	TEMPERATURE OUTSIDE FLASK
F1:TEN	TEN	Nov 24 23:56:10 2009	DIFFERENTIAL TENSION

CURVE MEASURE POINT OFFSET

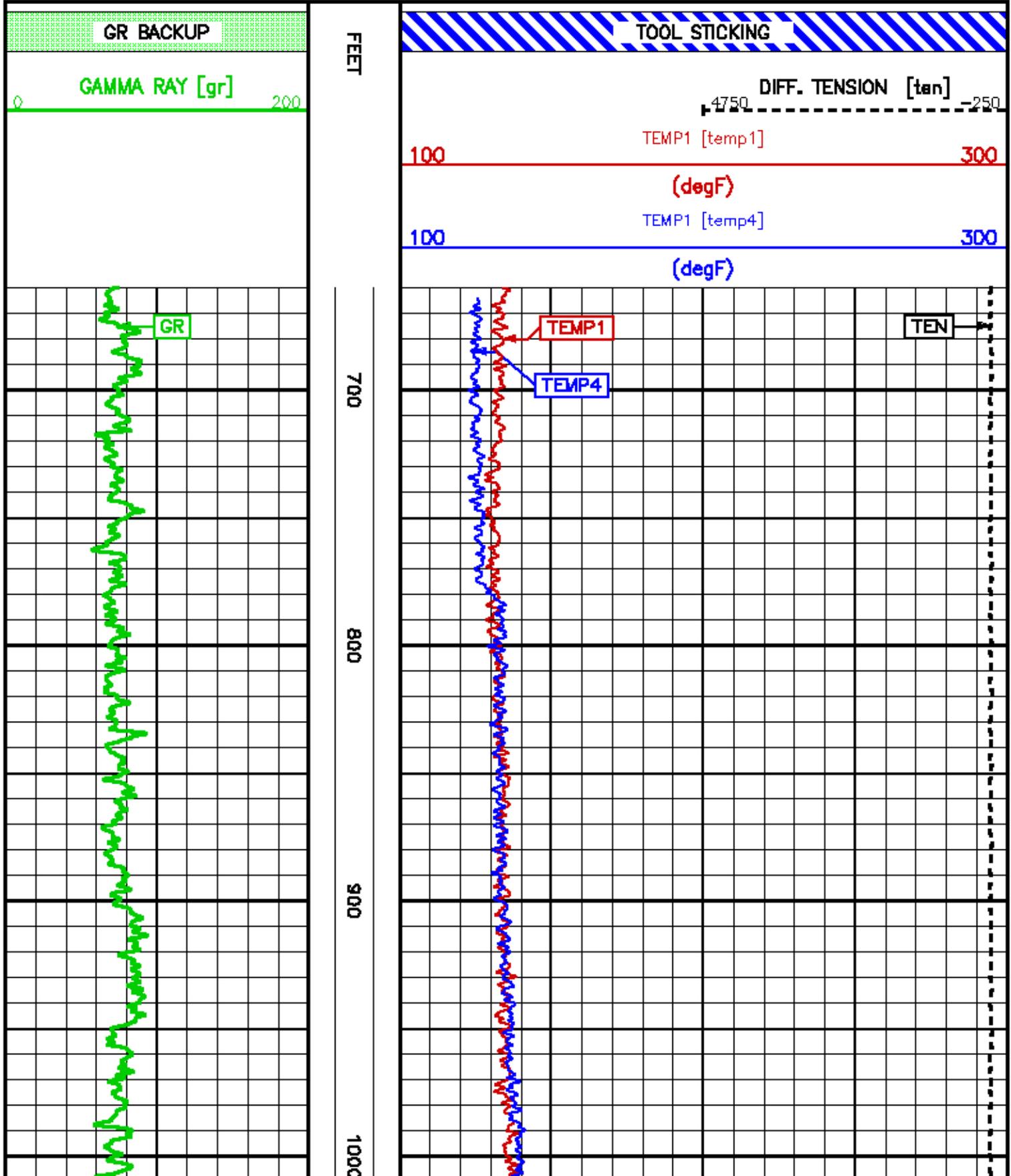
CURVE	OFFSET (ft)						
GR	2.50	TEMP1	16.25	TEMP4	16.25	TEN	0.00

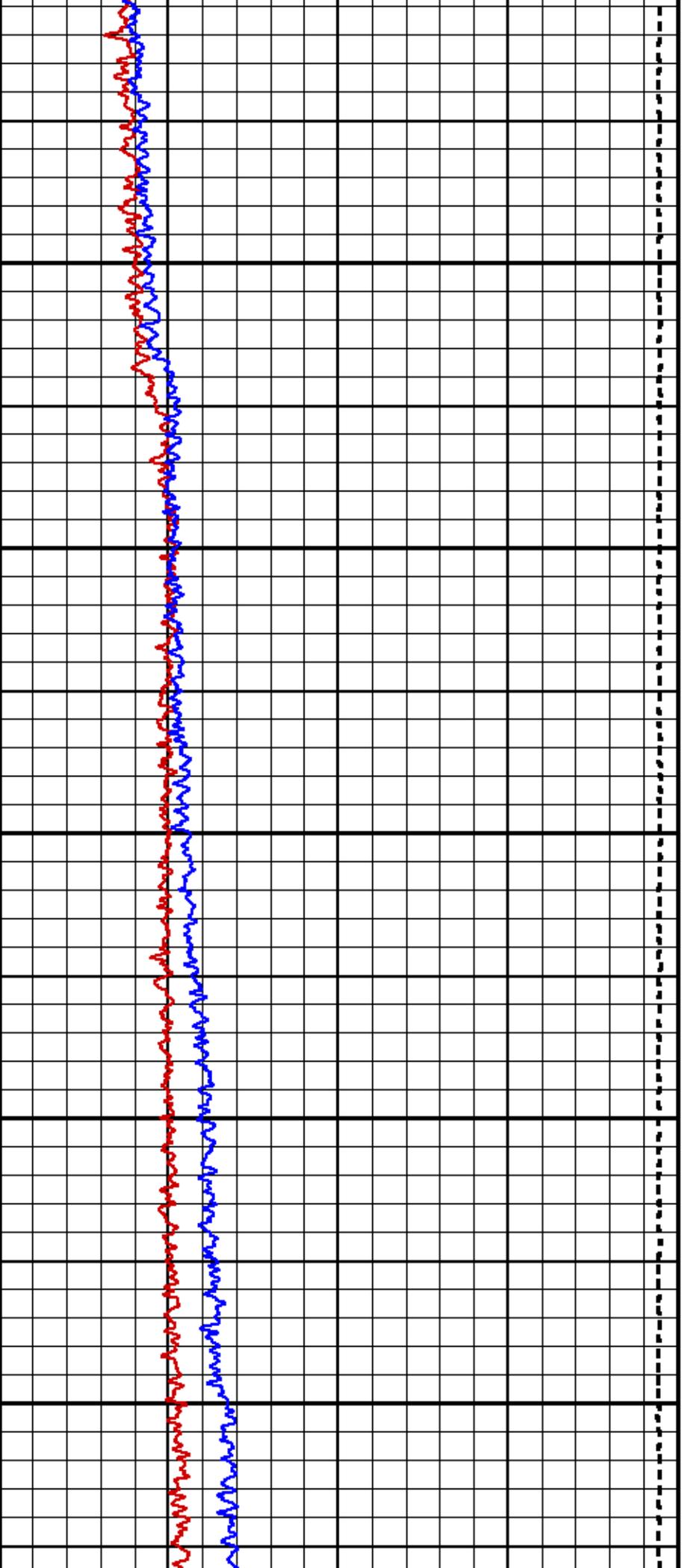
Presentation : cpu1:/data/575986/TEMP_TRIP_1_4.pdf [2"/100' Scale]
Plot Interval : 680 - 3314.75 Feet

Data File 1 : F1 : cpu1:/data/575986/8_TEMP_1.dft
Created On : Nov 24 23:56:10 2009
Company : SIERRA GEOTHERMAL POWER, INC.
4188 S. PC. RD.

Well : ALUM 25-29
Field : ALUM
File Interval : 382.5 - 3316 Feet
Oct : k7711

Data File 2 : F2 : c:\puls\data\575886\8_TEMP_2.xft
Created On : Nov 25 12:11:56 2008
Company : SIERRA GEOTHERMAL POWER, INC.
Well : ALUM 25-29
Field : ALUM
File Interval : 684.25 - 3318.5 Feet
Oct : k7711





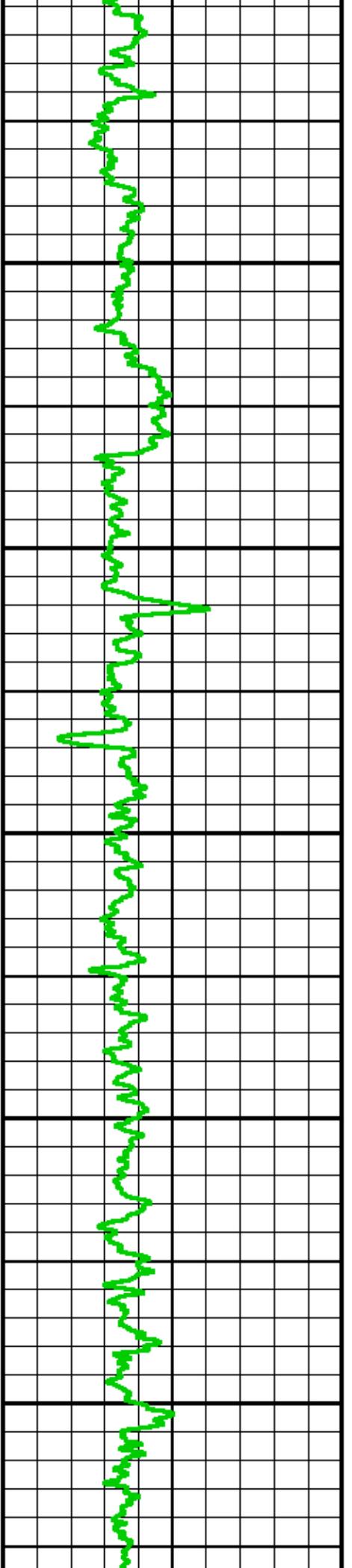
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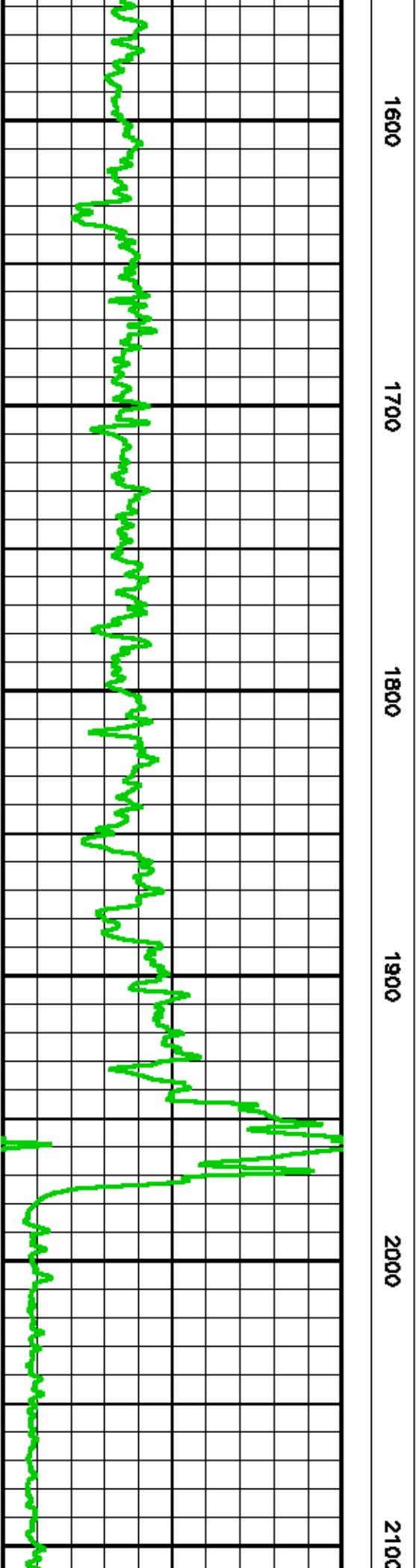
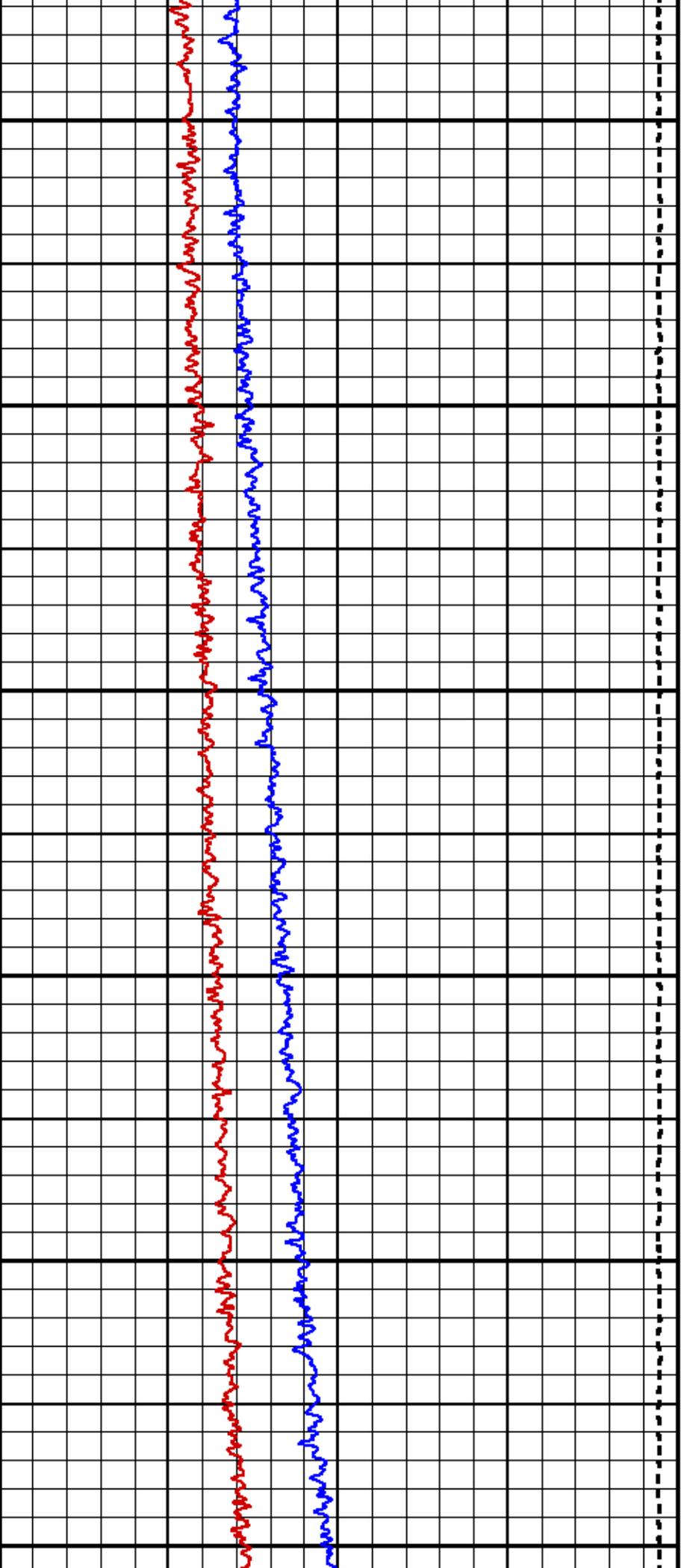
1200

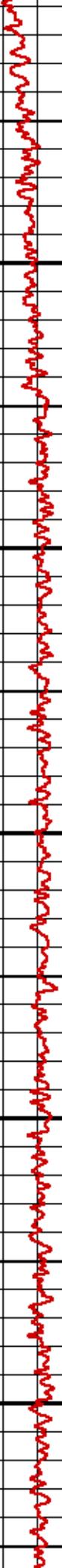
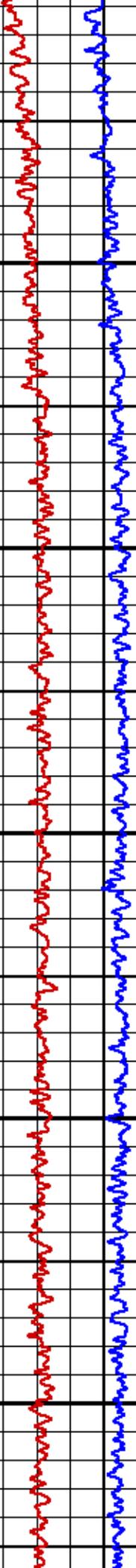
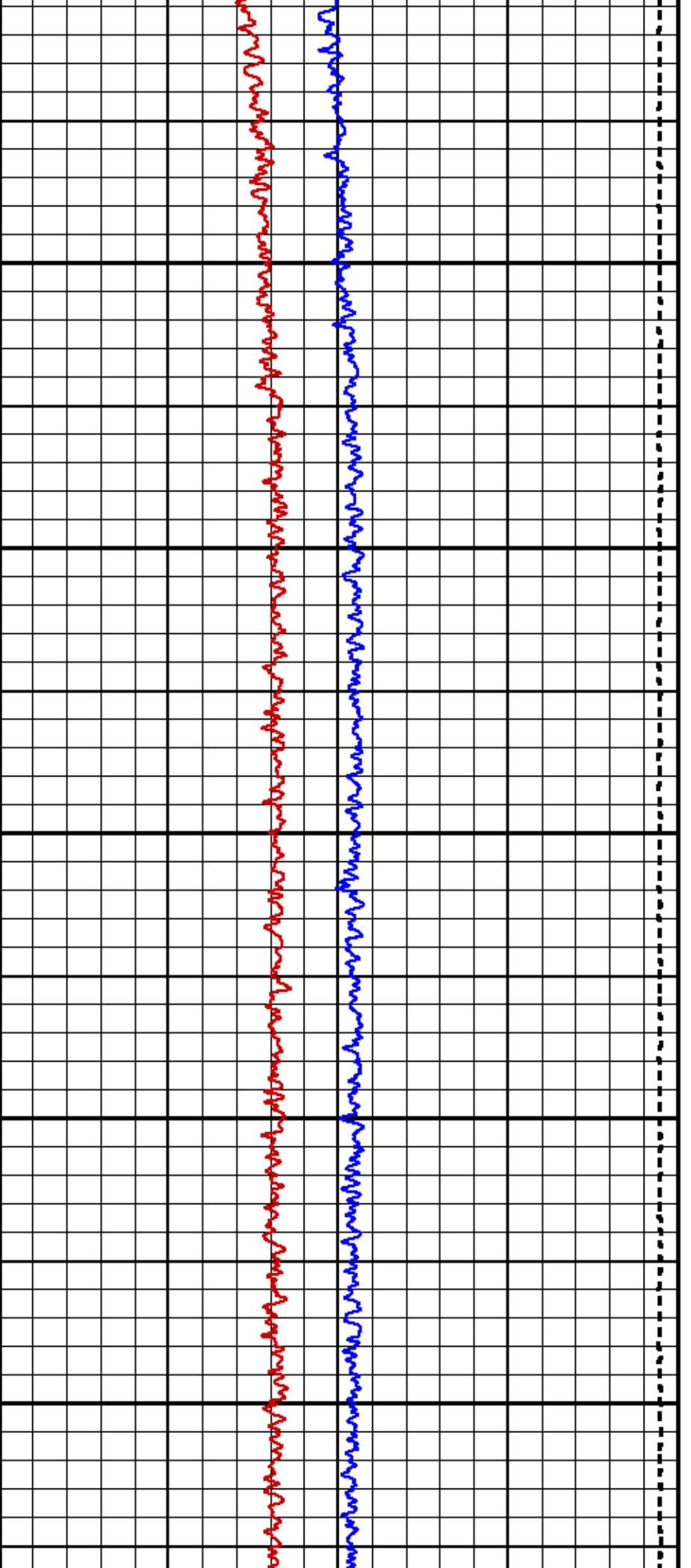
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1400

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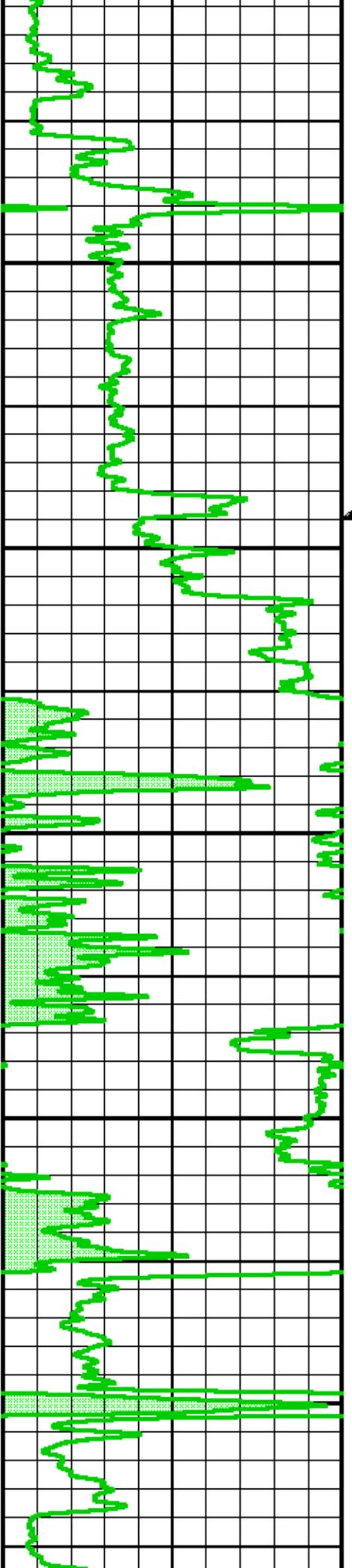
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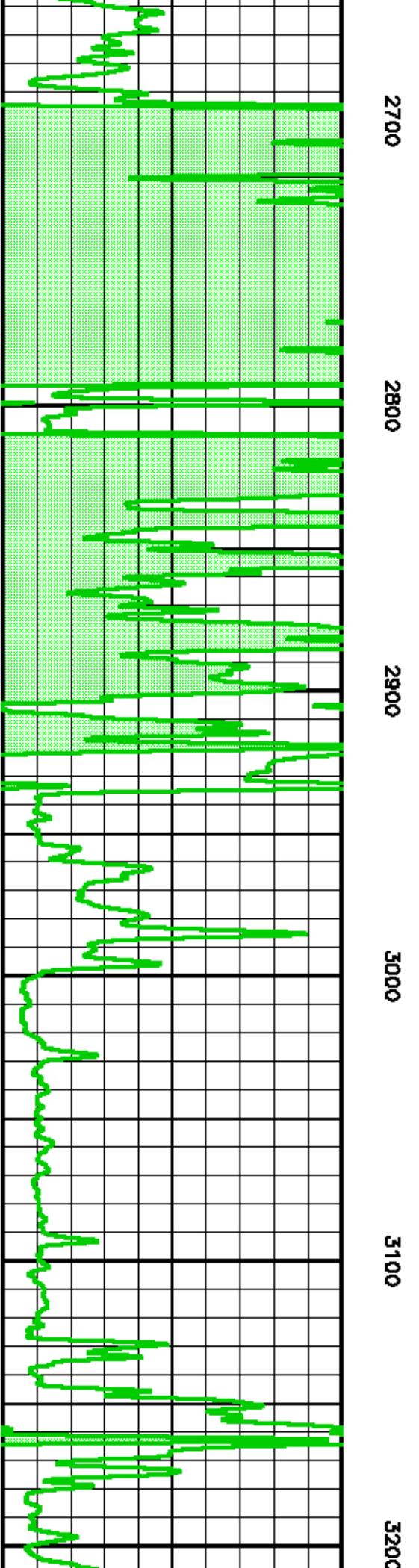
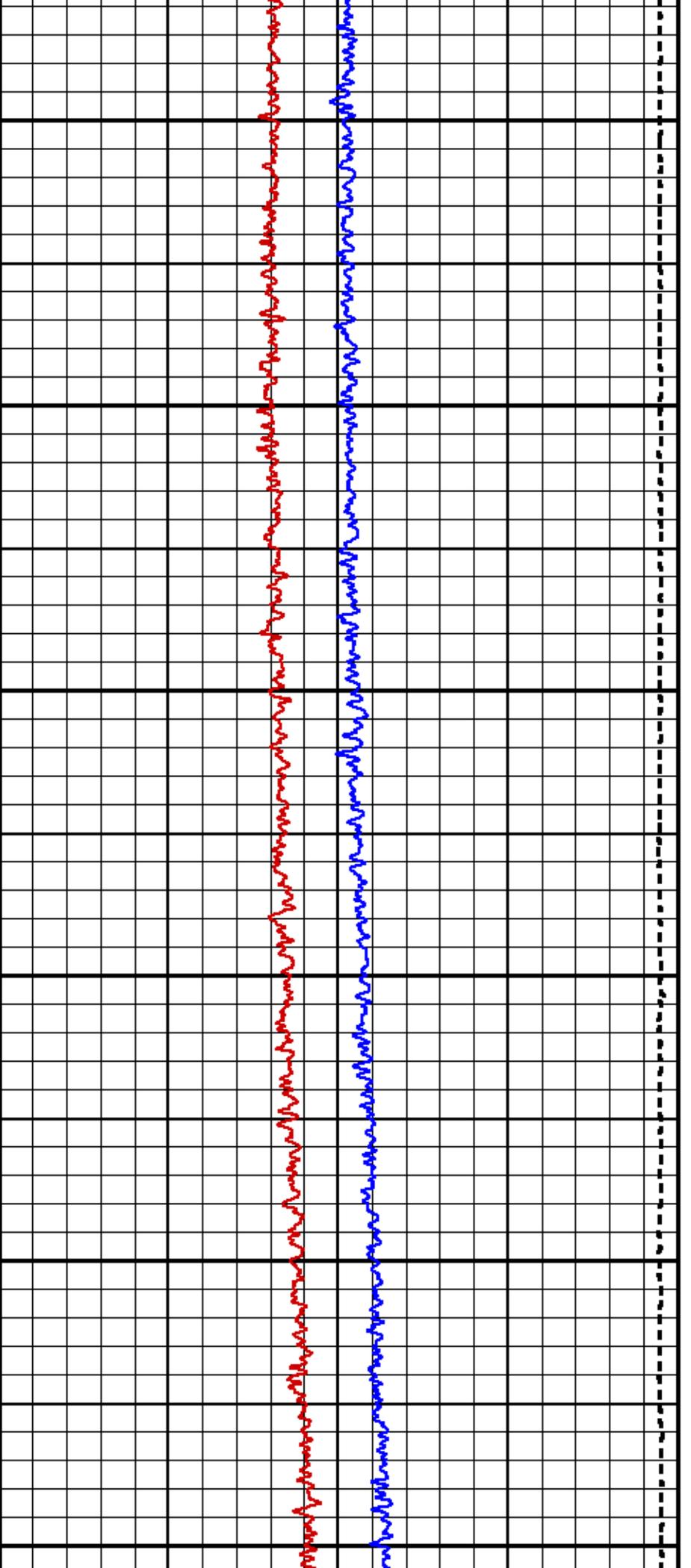
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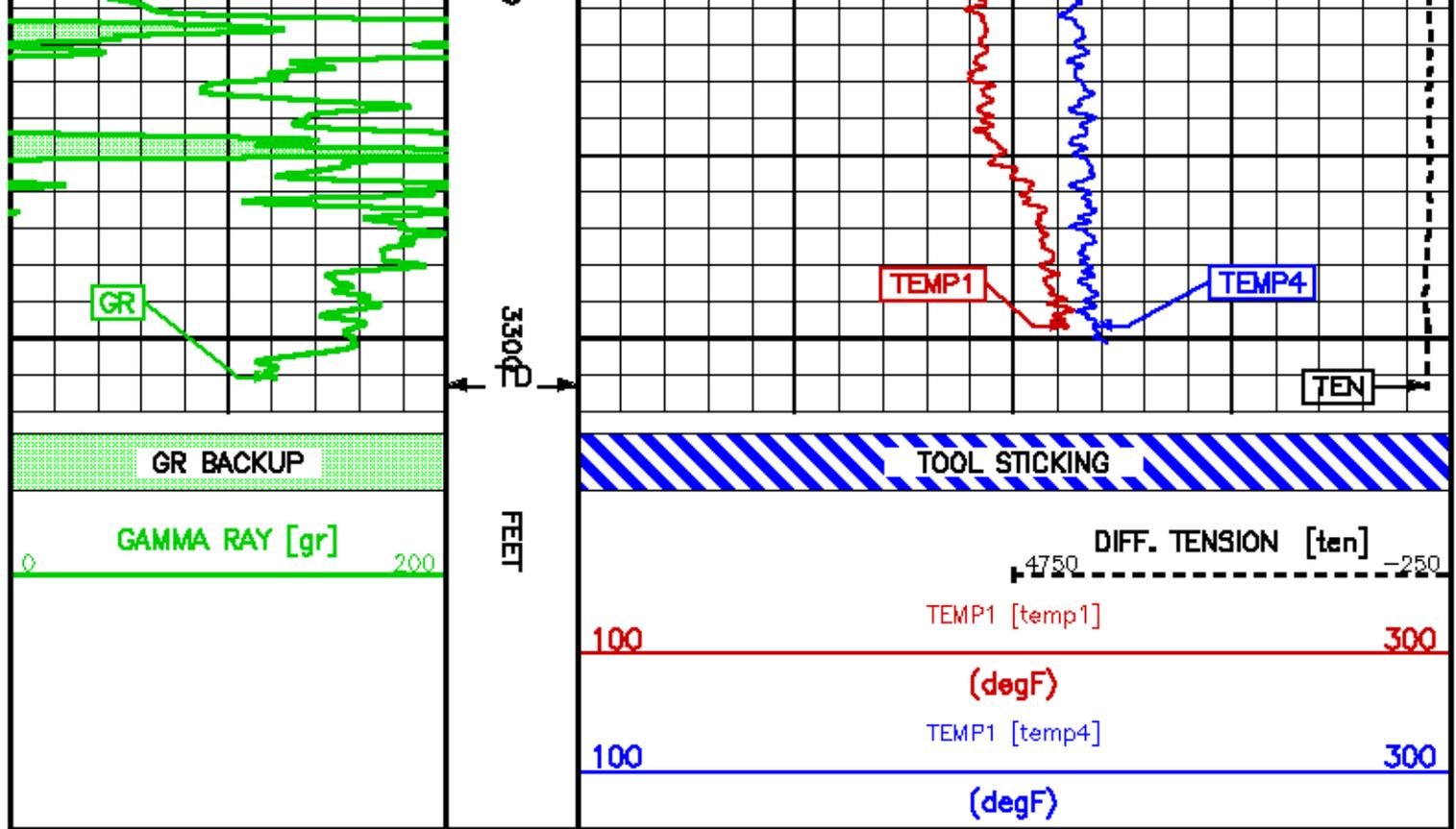
2400

2500

2600







	COMPANY <u>SIERRA GEOTHERMAL POWER, INC.</u> WELL <u>ALUM 25-29</u> FIELD <u>ALUM</u> COUNTY <u>ESMERALDA</u> STATE <u>NEVADA</u>	FILE NO: _____ API NO: <u>27-009-90074</u>
	Baker Atlas 	LOCATION: SHL: <u>2235.16'</u> FSL & <u>938.11'</u> FWL SW/C _____ SEC <u>29</u> TWP <u>1N</u> RGE <u>38.5 E</u>