



Baker Atlas



FILE NO: \_\_\_\_\_  
 COMPANY: SIERRA GEOTHERMAL POWER, INC.  
 WELL: ALUM 25-29  
 FIELD: ALUM  
 COUNTY: ESMERALDA  
 STATE: NEVADA

Ver. 3.87  
 LOCATION: 2235.18' FSL & 938.11' FWL  
 SW/C  
 TITE HOLE: SEC 29 TWP 1N RGE 38.SE  
 OTHER SERVICES: HDIL, ZDL/CN, XIAC, STAR/CBIL

PERMANENT DATUM: G.L. \_\_\_\_\_ ELEVATION: 4903.57 FT  
 LOG MEASURED FROM: K.B. \_\_\_\_\_ 16.0 FT ABOVE P.D.  
 DRILL MEAS. FROM: K.B. \_\_\_\_\_  
 ELEVATIONS: KB 4919.57 FT, DF, GL 4903.57 FT

DATE	15-NOV-2009	
RUN	TRIP	1
SERVICE ORDER	575995	
DEPTH DRILLER	2300 FT	
DEPTH LOGGER	2299 FT	
BOTTOM LOGGED INTERVAL	2295 FT	
TOP LOGGED INTERVAL	571 FT	
CASING DRILLER	16.0 IN @ 571 FT	
CASING LOGGER	571 FT	
BIT SIZE	14.75 IN	
TYPE OF FLUID IN HOLE	LSND	
DENSITY	9.0 LB/G	54 S
PH	9.0	10.0 CS
SOURCE OF SAMPLE	FLOWLINE	
RM AT MEAS. TEMP.	2.53 OHMM @ 61 DEGF	
RMF AT MEAS. TEMP.	2.36 OHMM @ 60 DEGF	
RMC AT MEAS. TEMP.	2.68 OHMM @ 63 DEGF	
SOURCE OF RMF	RMC	MEASURED
RM AT BHT	1.08 OHMM @ 152 DEGF	
TIME SINCE CIRCULATION	9.5 HOURS	
MAX. RECORDED TEMP.	179 DEGF	
EQUIP. NO.	LOCATION	MI-4232 FALLON, NV
RECORDED BY	VERCIYAK	
WITNESSED BY	JERRY 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 1 TRIP 1: TEMP1 RECORDED ON 1ST LOG RUN 3.5 HRS. SINCE CIRCULATION.  
 TEMP2 RECORDED ON 2ND LOG RUN 9.5 HRS. SINCE CIRCULATION.  
 THANKS FOR USING BAKER ATLAS  
 CREW: LAPOINT / HAYCOCK  
 RIG: ENSIGN 561

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	TTRM	3981XB	10203010	FREE
1	2	TTRM	3981XB	10203010	FREE

**PARAMETER AND FILTER SUMMARY REPORT**

File: /dat1a/575995/k771104.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 492.500 ft BOTTOM DEPTH: 2309.750 ft

**SYMMETRIC FILTER**

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
TENSION	FILTER ( )	medium (1)		TOP	BOTTOM
GR	FILTER ( )	medium (1)		''	''
ZDL HIGH RES	FILTER (hrd1*)	light		''	''
	FILTER (hrd1s*)	light		''	''
	FILTER (hrd2*)	light		''	''
	FILTER (hrd2s*)	light		''	''

**PARAMETER AND FILTER SUMMARY REPORT**

FILE: /dat1a/575995/k837m04.prm  
 LOGGING MODE: DEPTH DIRECTION: UP  
 TOP DEPTH: 568.625 ft BOTTOM DEPTH: 2293.300 ft

**SYMMETRIC FILTER**

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

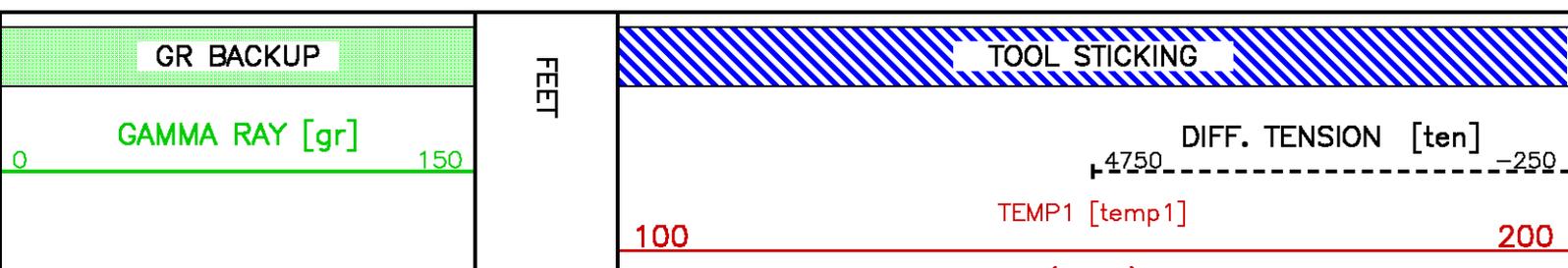
**CURVE DESCRIPTION REPORT**

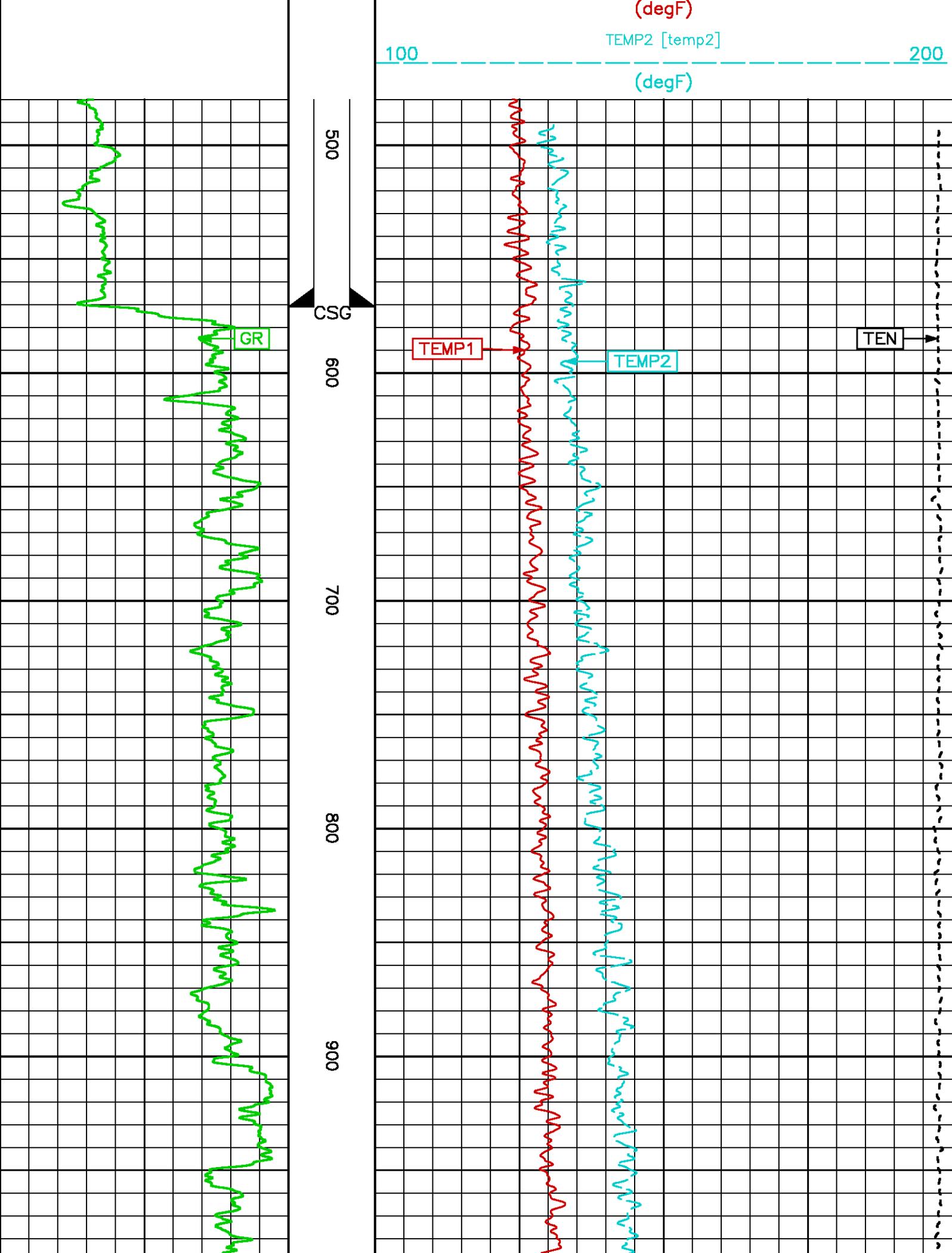
CURVE NAME	CURVE ALIAS	CREATION DATE	CURVE DESCRIPTION
F1:GR	GR	Nov 15 12:51:25 2009	GAMMA RAY
F1:TEMP1	TEMP1	Nov 15 12:51:25 2009	TEMPERATURE OUTSIDE FLASK
F1:TEMP2	TEMP2	Nov 15 18:52:31 2009	TEMPERATURE INSIDE FLASK
F1:TEN	TEN	Nov 15 12:51:25 2009	DIFFERENTIAL TENSION

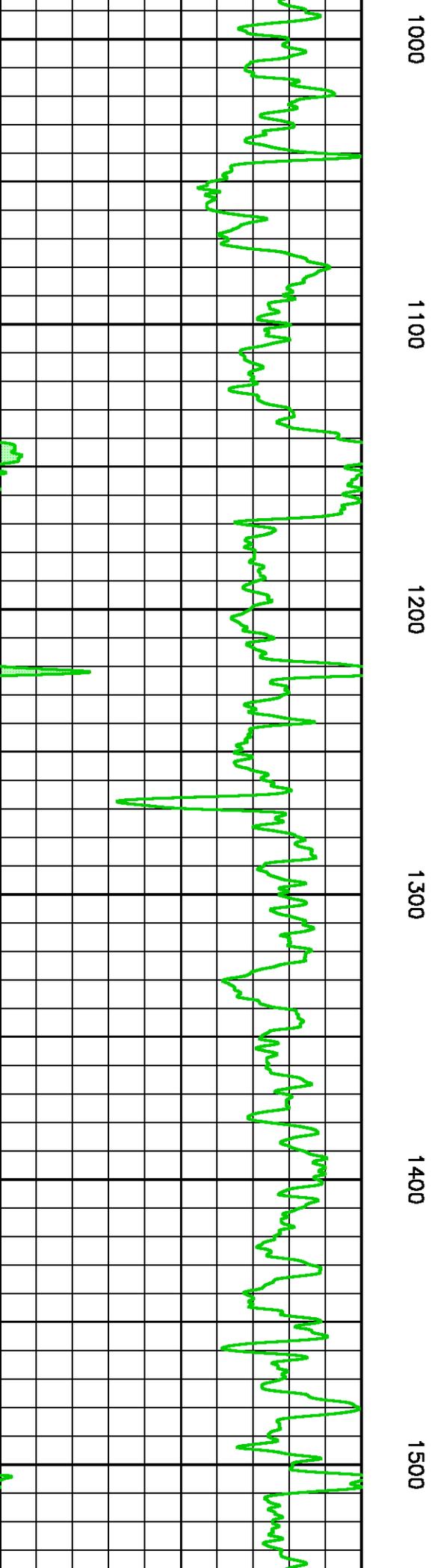
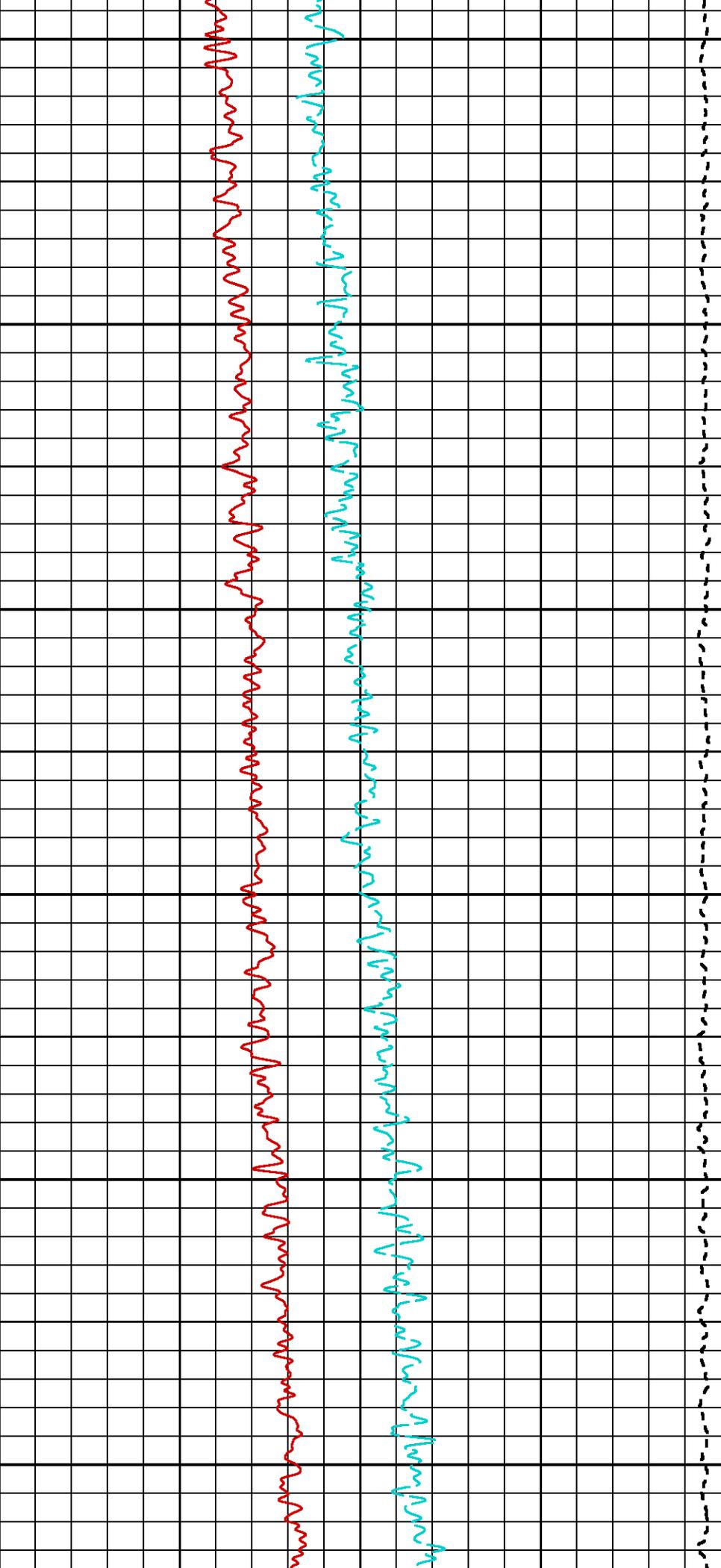
**CURVE MEASURE POINT OFFSET**

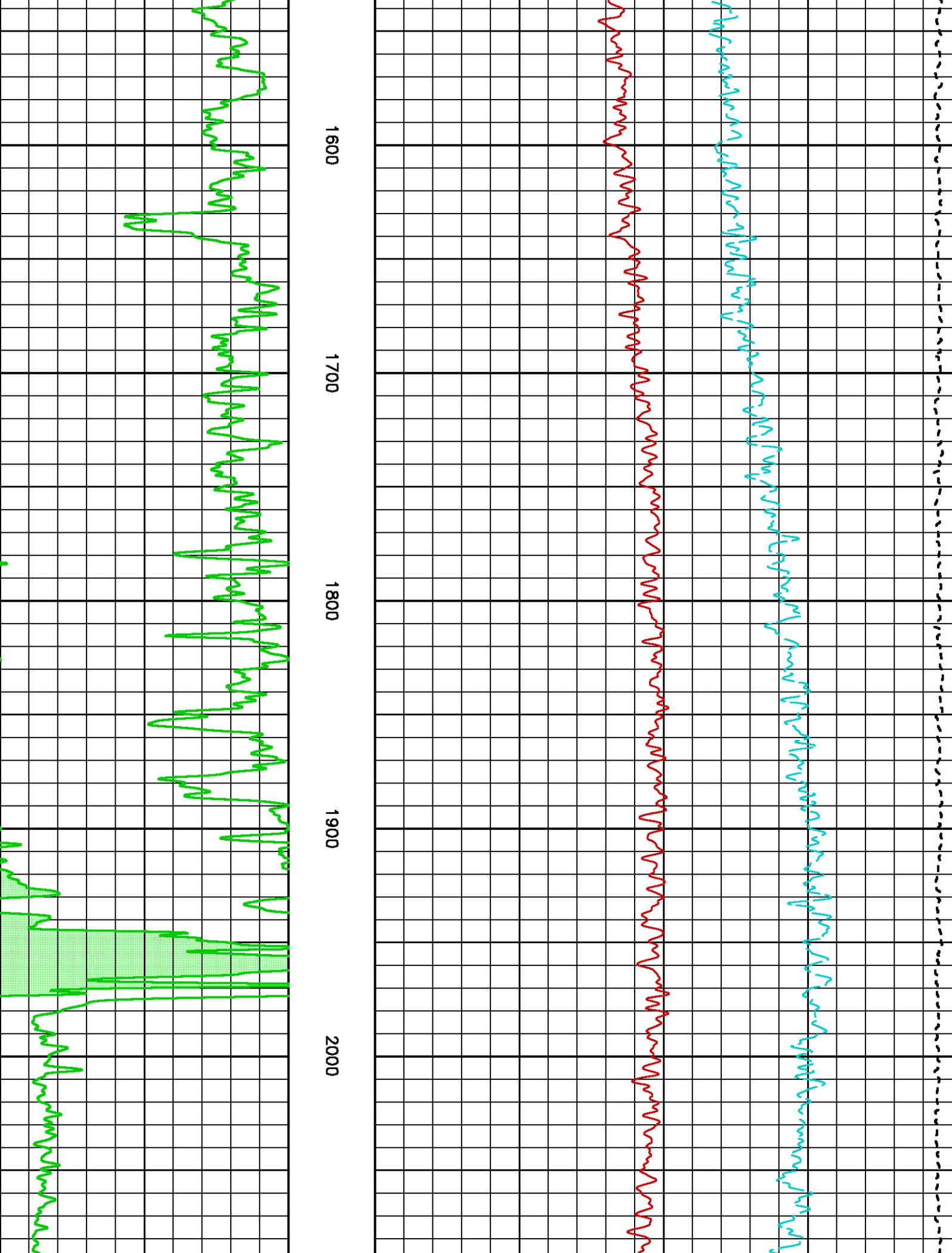
CURVE	OFFSET (ft)						
GR	99.00	TEMP1	112.50	TEMP2	78.75	TEN	0.00

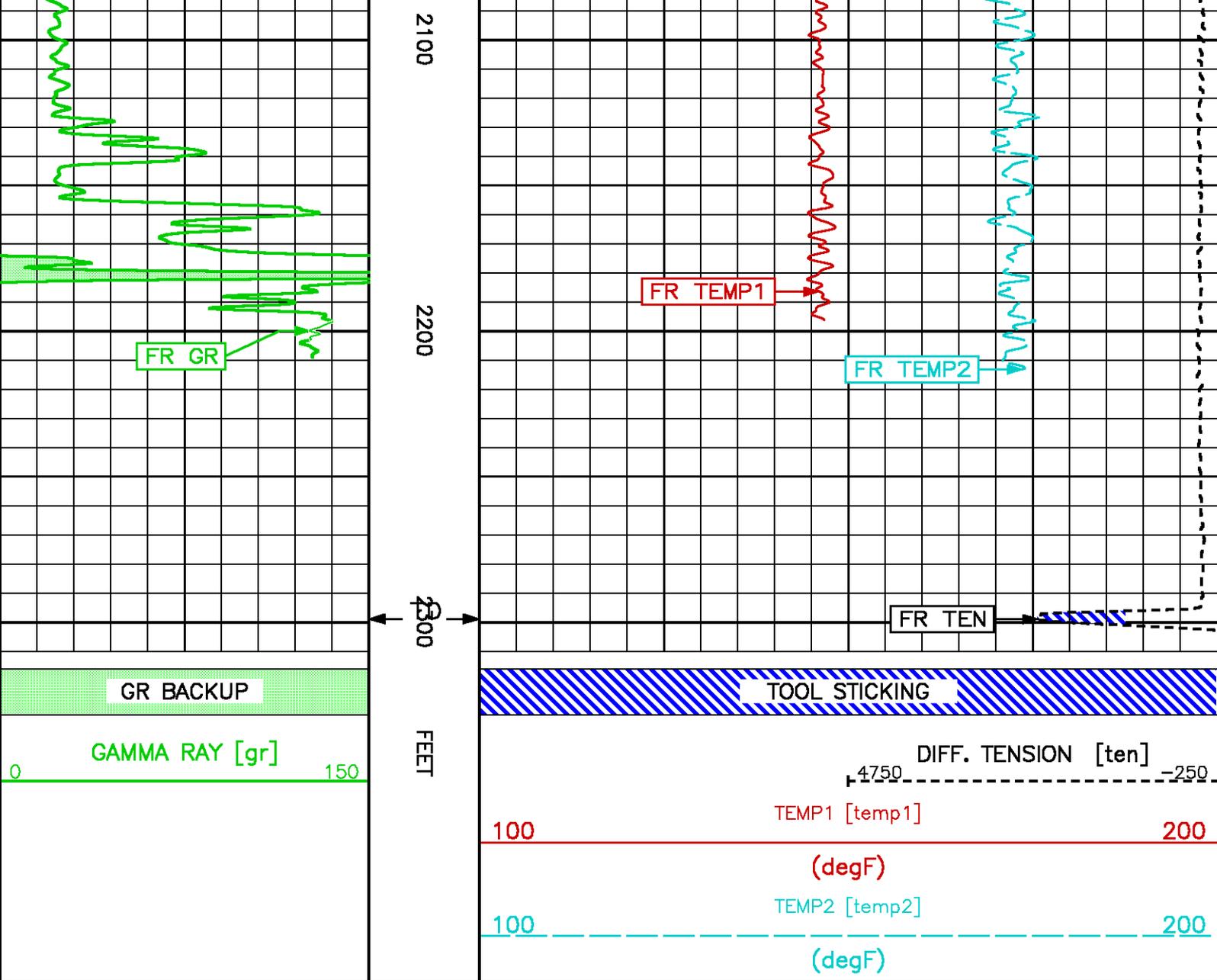
Presentation : cpu1:/dat1a/575995/TEMP.pdf [2"/100' Scale]  
 Plot Interval : 480 - 2310 Feet  
 Data File 1 : F1 : cpu1:/dat1a/575995/TEMP.xtf  
 Created On : Nov 15 12:51:25 2009  
 Company : SIERRA GEOTHERMAL POWER, INC.  
 Well : ALUM 25-29  
 Field : ALUM  
 File Interval : 380.25 - 2310 Feet  
 Oct : k7711











 <b>Baker Atlas</b> 	<b>COMPANY</b> <u>SIERRA GEOTHERMAL POWER, INC.</u> <b>WELL</b> <u>ALUM 25-29</u> <b>FIELD</b> <u>ALUM</u> <b>COUNTY</b> <u>ESMERALDA</u> <b>STATE</b> <u>NEVADA</u>	<b>FILE NO:</b> _____ <b>API NO:</b> <u>27-009-90074</u>
	<b>LOCATION:</b> <u>2235.18' FSL &amp; 938.11' FWL</u> <u>SW/C</u> <b>SEC</b> <u>29</u> <b>TWP</b> <u>1N</u> <b>RGE</b> <u>38.5E</u>	<b>ELEVATIONS:</b> <b>KB</b> <u>4919.57 FT</u> <b>DF</b> _____ <b>GL</b> <u>4903.57 FT</u> <b>DATE</b> <u>15-NOV-2009</u>