8712 - R8 UIC

ADI

Wireline Services

Ft. Morgan, CO

DIFFERENTIAL TEMPERATURE LOG COLLAR CORRELATION

Company	WATTENBERG DISPOSAL, LLC
Well	SUCKLA FARMS INJECTION WELL
Field	SPINDLE
County	WELD
State	COLORADO

Location: NW/4
500' FSL & 202' FWL
SEC. 10 TWP. 1 N RGE. 67 W

Other Services: NONE

Permanent Datum	GROUND LEVEL	Elevation	5046
Log Measured From	KELLY BUSHING		
Drilling Measured From	KELLY BUSHING		

Elevation: K.B. 5056, D.F. 5055, G.L. 5046

Date	26-OCT-2001	01-NOV-2001
Run Number	ONE	TWO
Depth Driller	9448	146
Depth Logger	9[illegible]	[illegible]20
Bottom Logged Interval	9410	9410
Top Log Interval	[illegible]	2685
Open Hole Size	N/A	N/A
Type Fluid	WATER	WATER
Density / Viscosity	[illegible]	[illegible]
Max. Recorded Temp	207	[illegible]
Estimated Cement Top	N/A	N/A
Time Well Ready	ROA	ROA
Time Logger on Bottom	[illegible]	[illegible]
Equipment Number	201/MAST	201/MAST
Location	FORT MORGAN	FORT MORGAN
Recorded By	JIM McKIE	JIM McKIE
Witnessed By	MR. ANDY PETERSON	MR. RICK OHLEMEIER

REVIEWED
By: [illegible]
DATE: 11/14/01

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
				2 7/8	6.5#	SURFACE	8990

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	5 1/2	20#	SURFACE	9476
Liner				

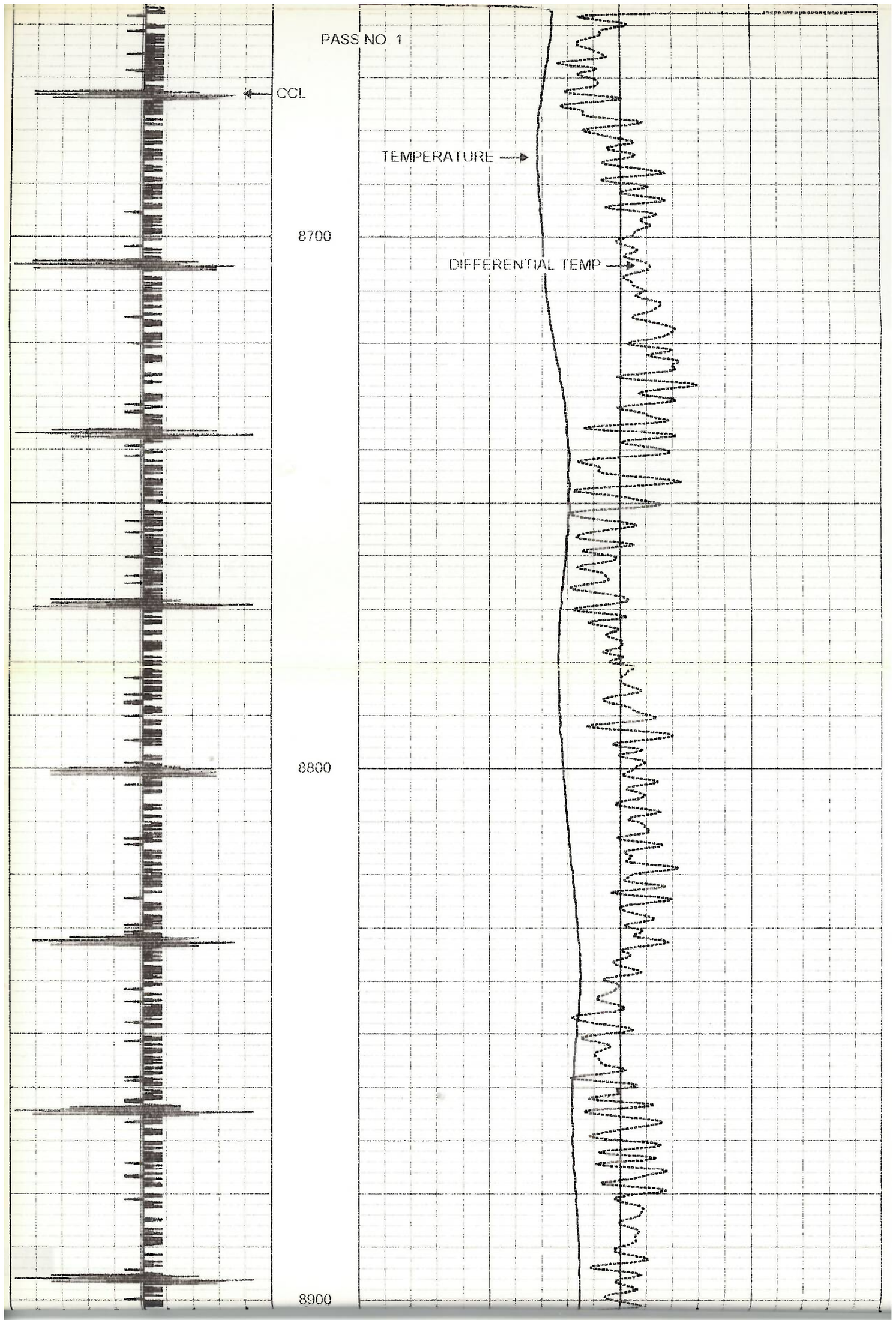
Comments
26-OCT-2001
TOOL #102 @ 120VDC
LOG CORRELATED TO GR/CCL DATED 21-JUL-1998
PASS 1: NO PRESSURE, NO PUMPING FOR 3 HRS.
PASS 2: PUMPED ON WELL FOR 30 MIN., LOGGED WITH 450 P.S.I.
MERGE FOR COMPARISON
NOTE TEMPERATURE SCALE CHANGE BETWEEN PASSES!!!
01-NOV-2001
WELL SHUT-IN FOR 6 DAYS
BASE PASS: NO PRESSURE WELL SHUT IN FOR 6 DAYS
PASS 2: PUMPED AT 450 PSI FOR 15 MINUTES
PASS 3: PUMPED AT 450 PSI FOR 30 MINUTES
PASS 4: PUMPED AT 450 PSI FOR 60 MINUTES
MERGE PASS FOR COMPARISON

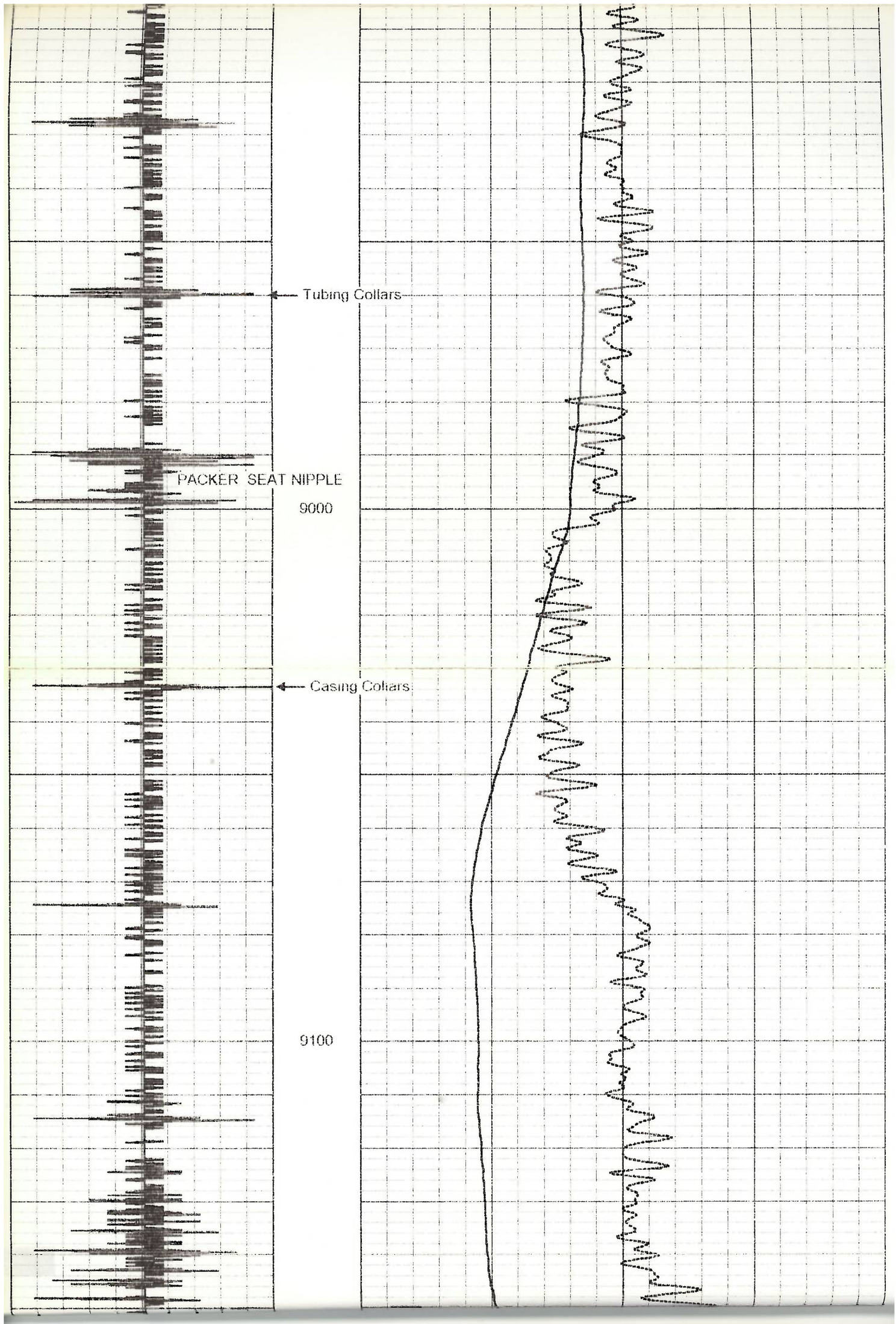
Database File	suck1.db
Dataset Pathname	pass2
Presentation Format	temp.prs
Dataset Creation	Fri Oct 26 11:31:37 2001 by Log Well_5.4
Charted by:	Depth in Feet scaled 1:240

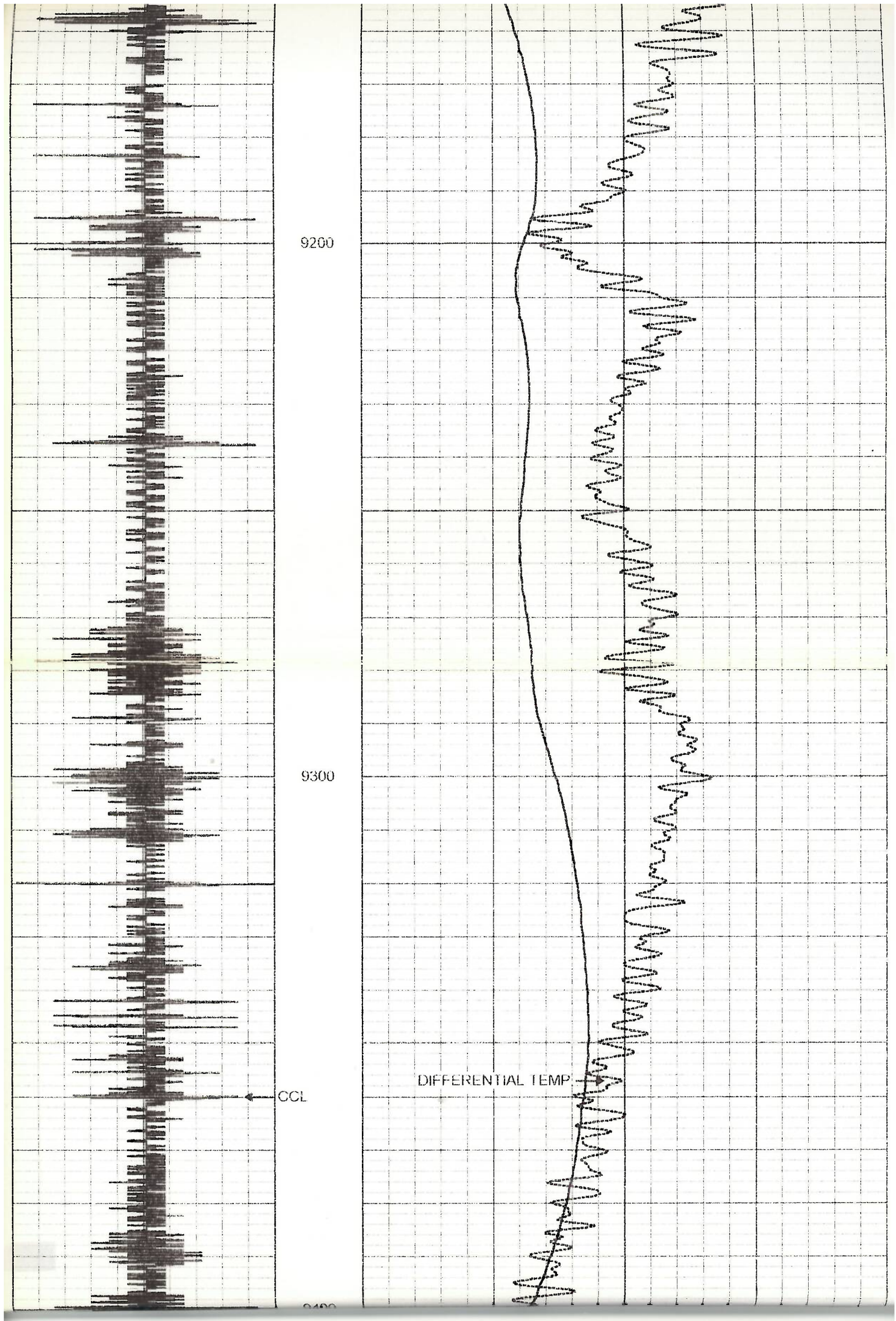
CCL	TEMPERATURE (degF)	DIFFERENTIAL TEMP (degF)
0.07	6	190 230
	-0.5	0.5

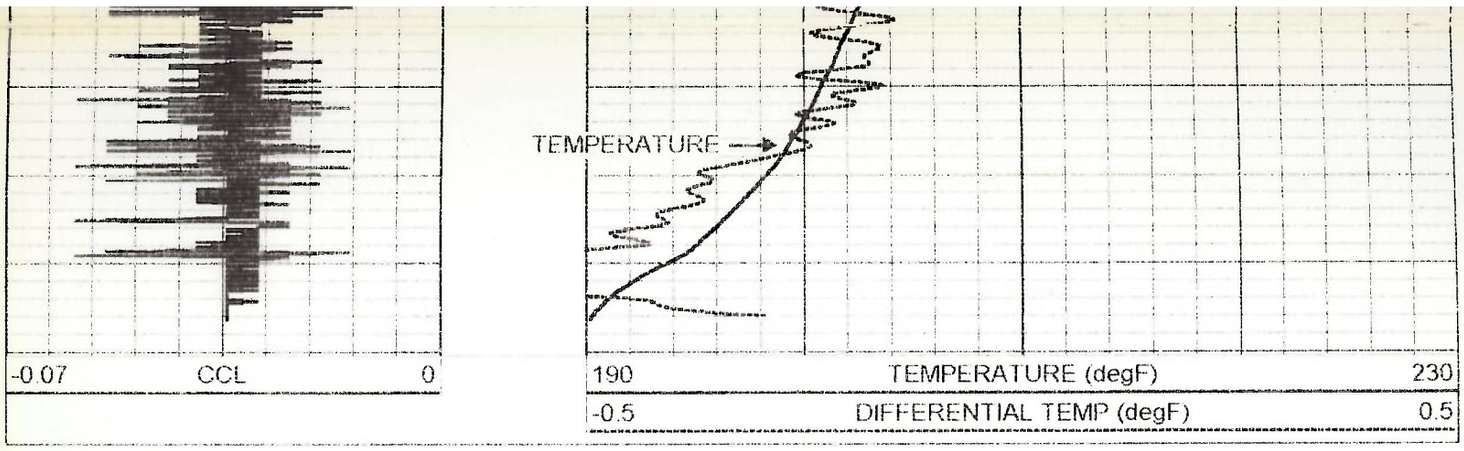
All interpretations are opinions based on inferences from electrical or other measurements, and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Fold Here >>>

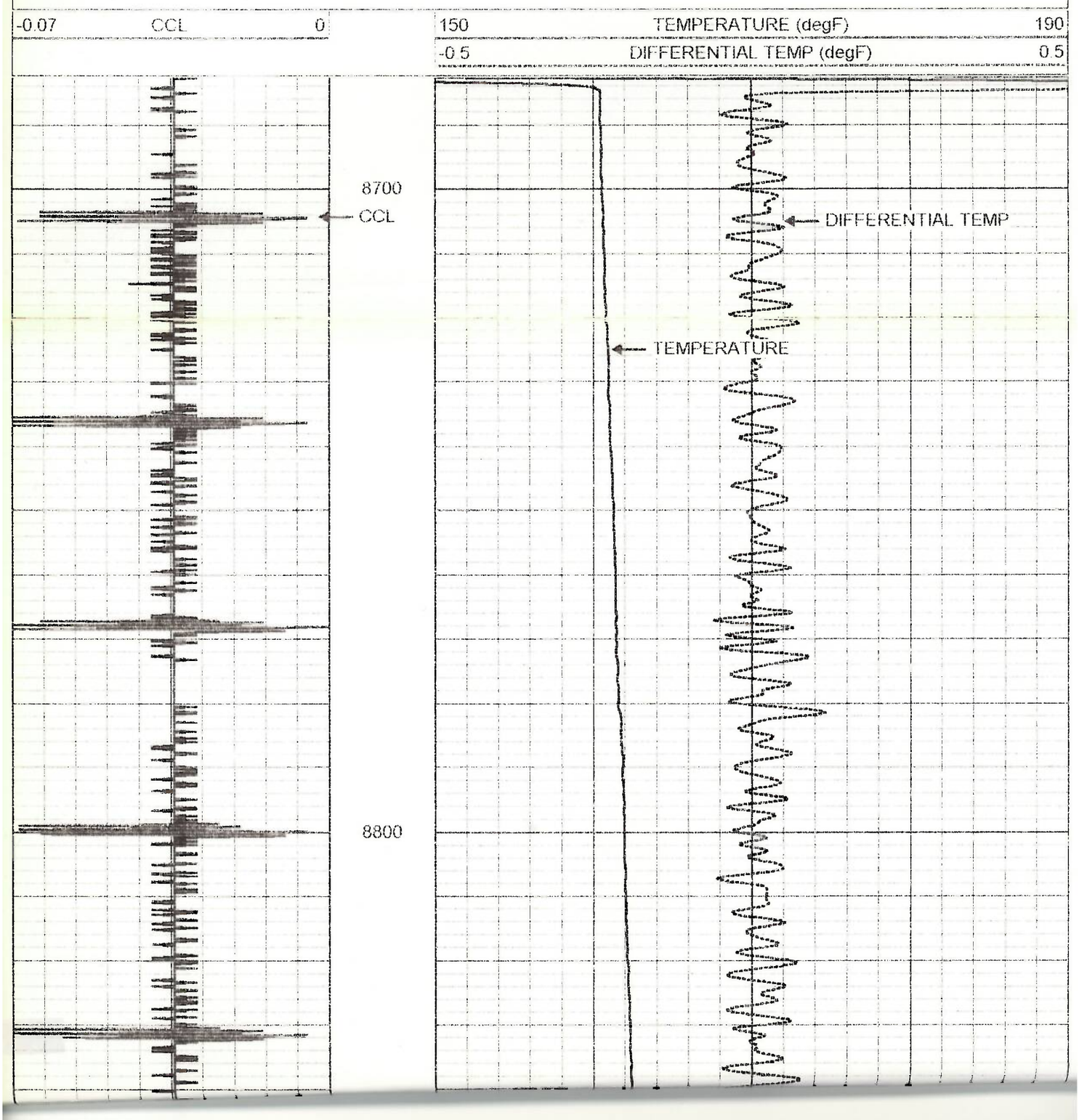

PASS NO 1
CCL
TEMPERATURE
DIFFERENTIAL TEMP
8700
8800
8900

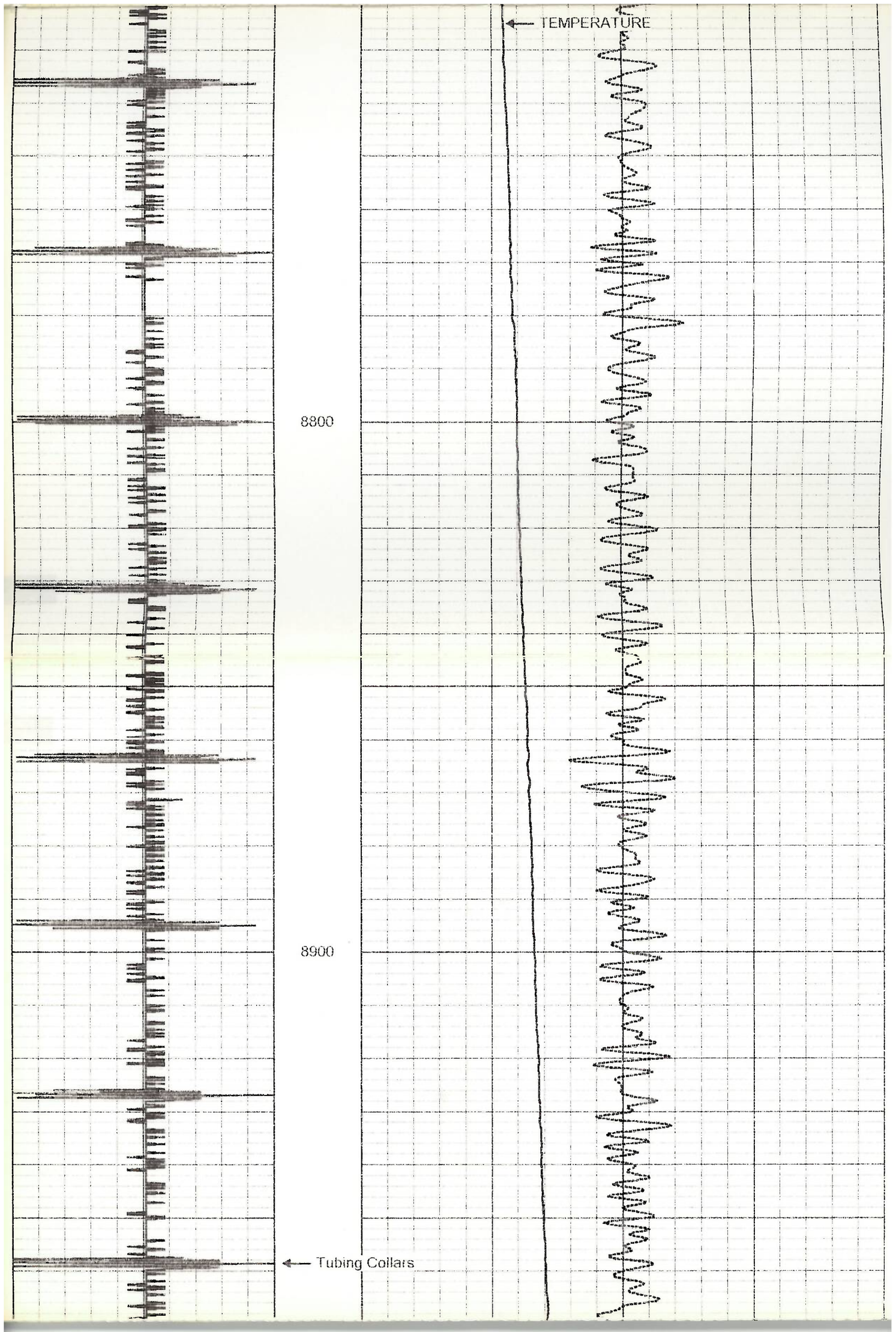

Tubing Collars
PACKER SEAT NIPPLE
9000
Casing Collars
9100

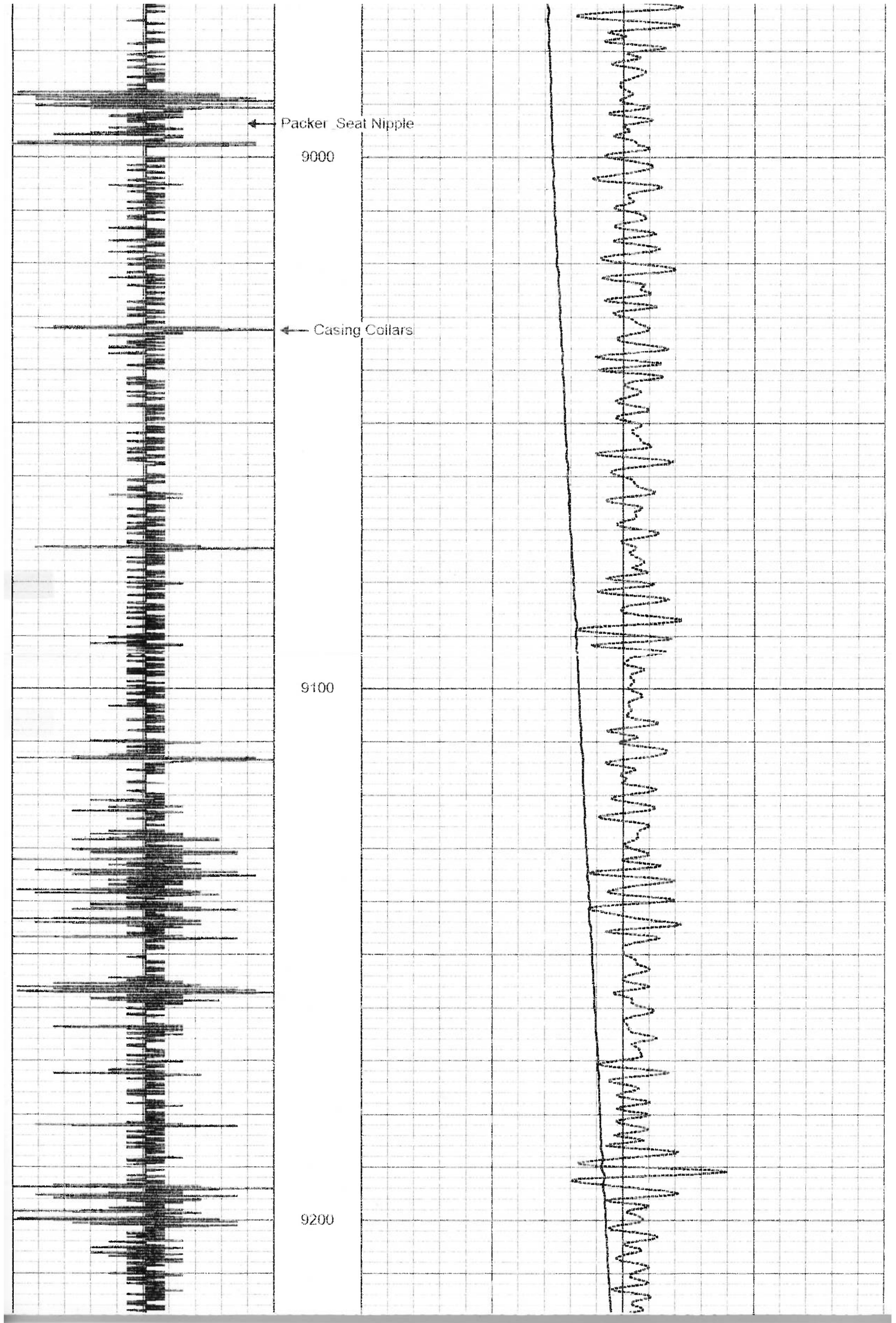

9200
9300
CCL
DIFFERENTIAL TEMP

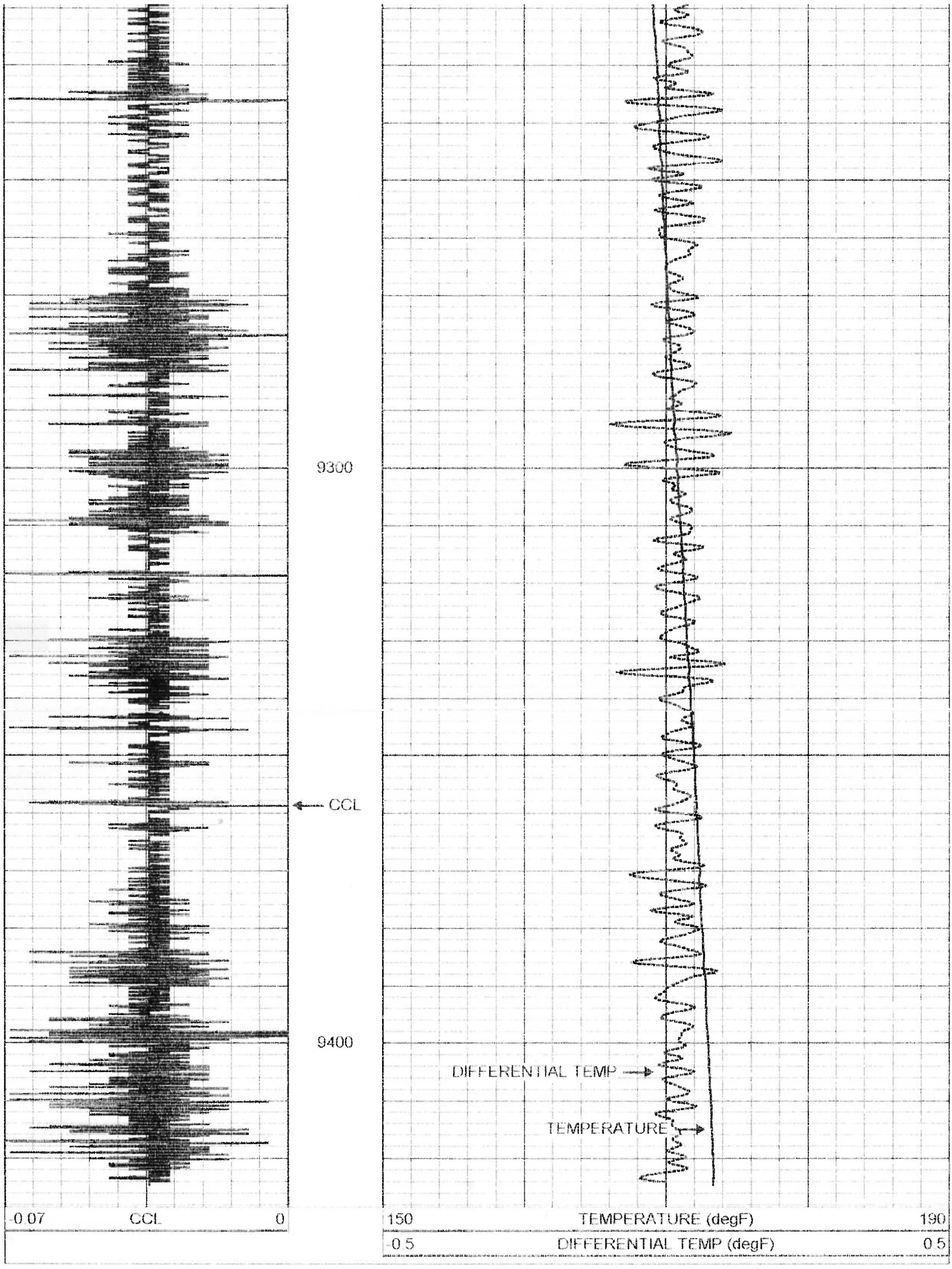


Database File: suk1.db
Dataset Pathname: pass3
Presentation Format: lem2.prs
Dataset Creation: Fri Oct 26 12:29:17 2001 by Log VER_5.4
Charted by: Depth in Feet scaled 1:240

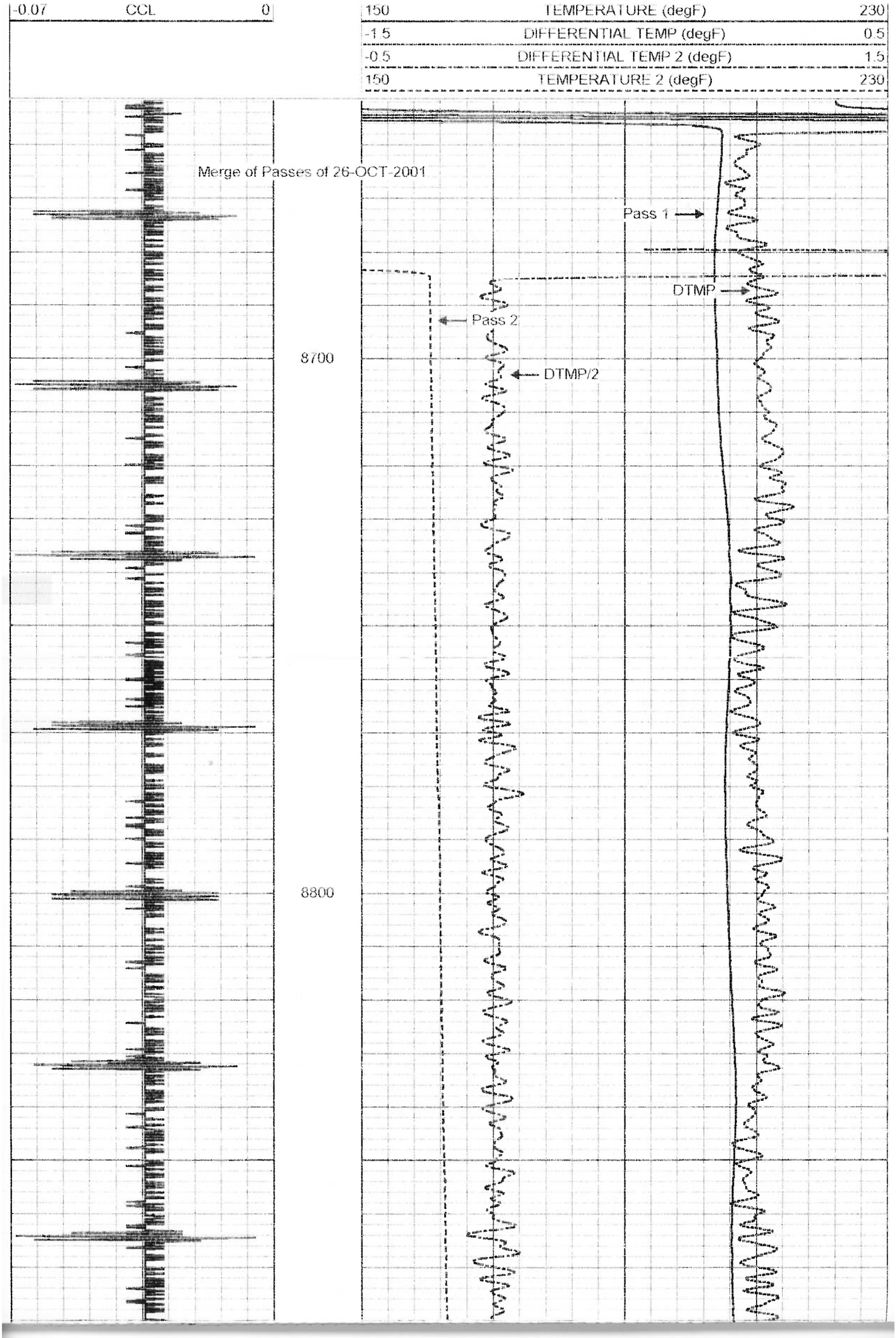


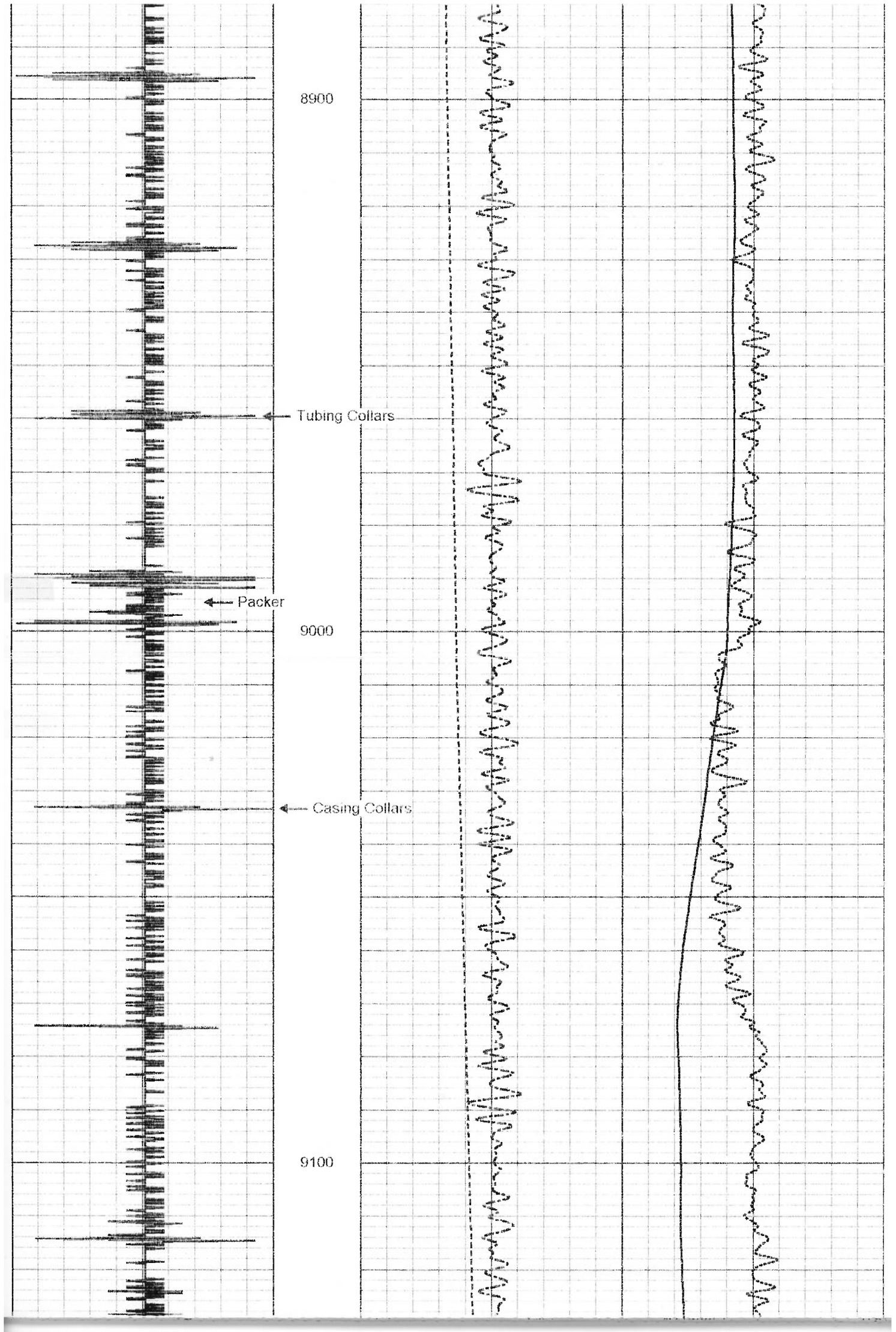

TEMPERATURE
8800
8900
Tubing Collars

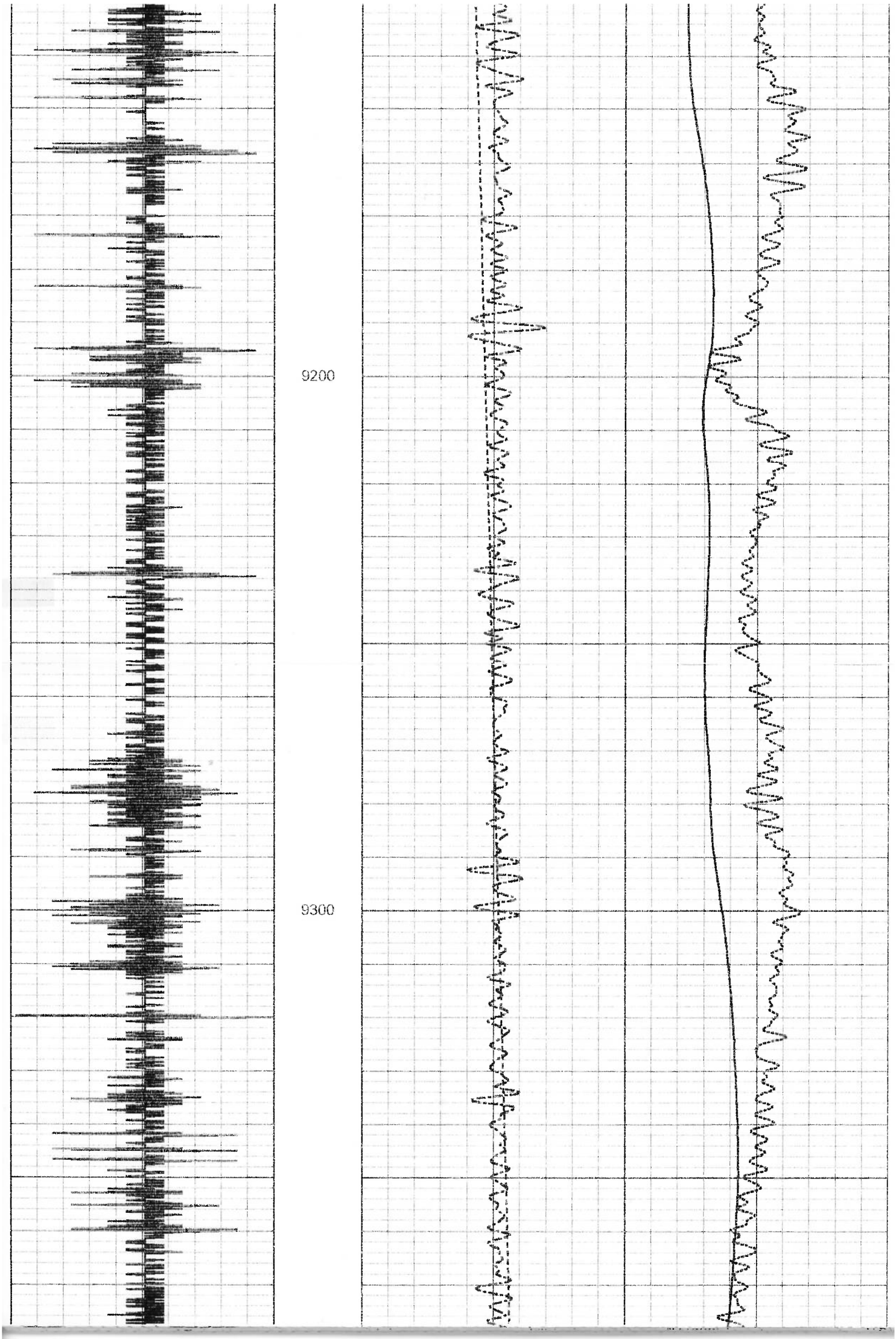

Packer_Seat Nipple
9000
Casing Collars
9100
9200

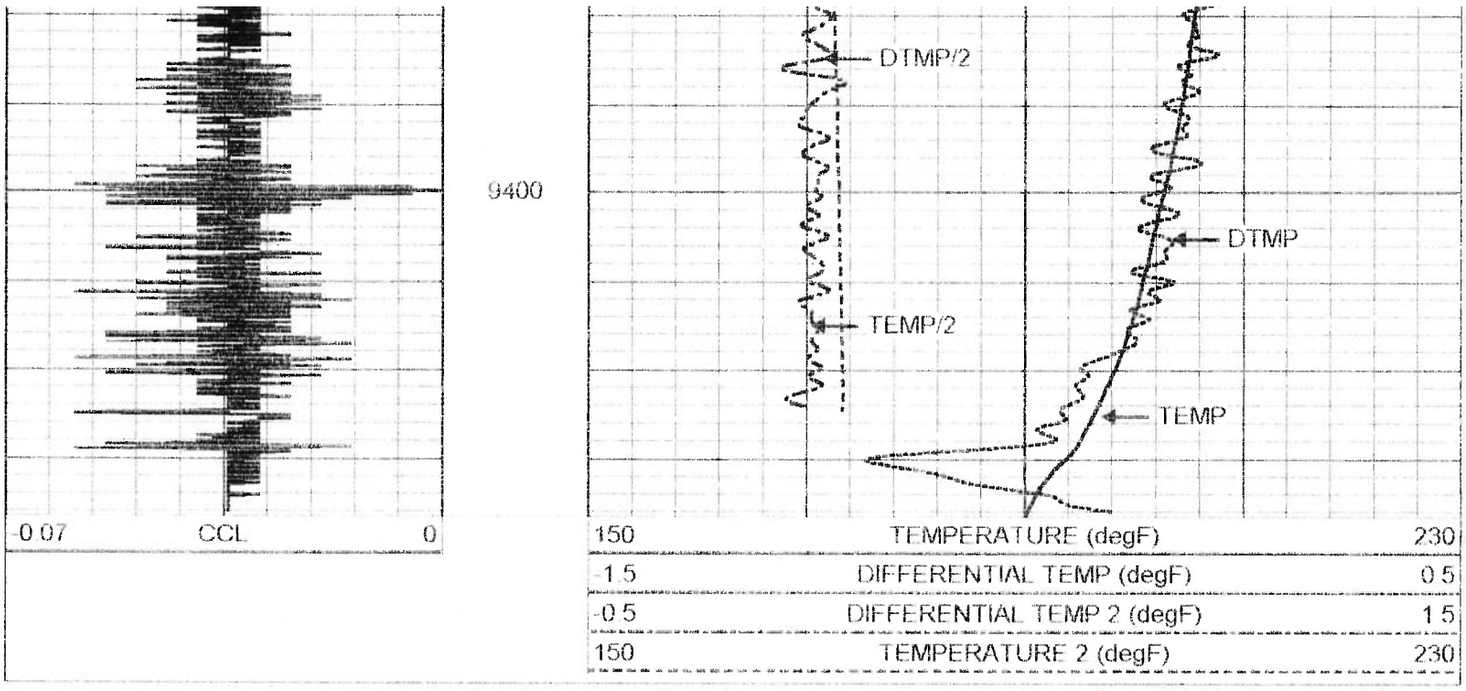


Database File:	suk1.db
Dataset Pathname:	pass6
Presentation Format:	temp3.prs
Dataset Creation:	Sun Oct 28 18:54:16 2001 by Log VER_5.4
Charted by:	Depth in Feet scaled 1:240

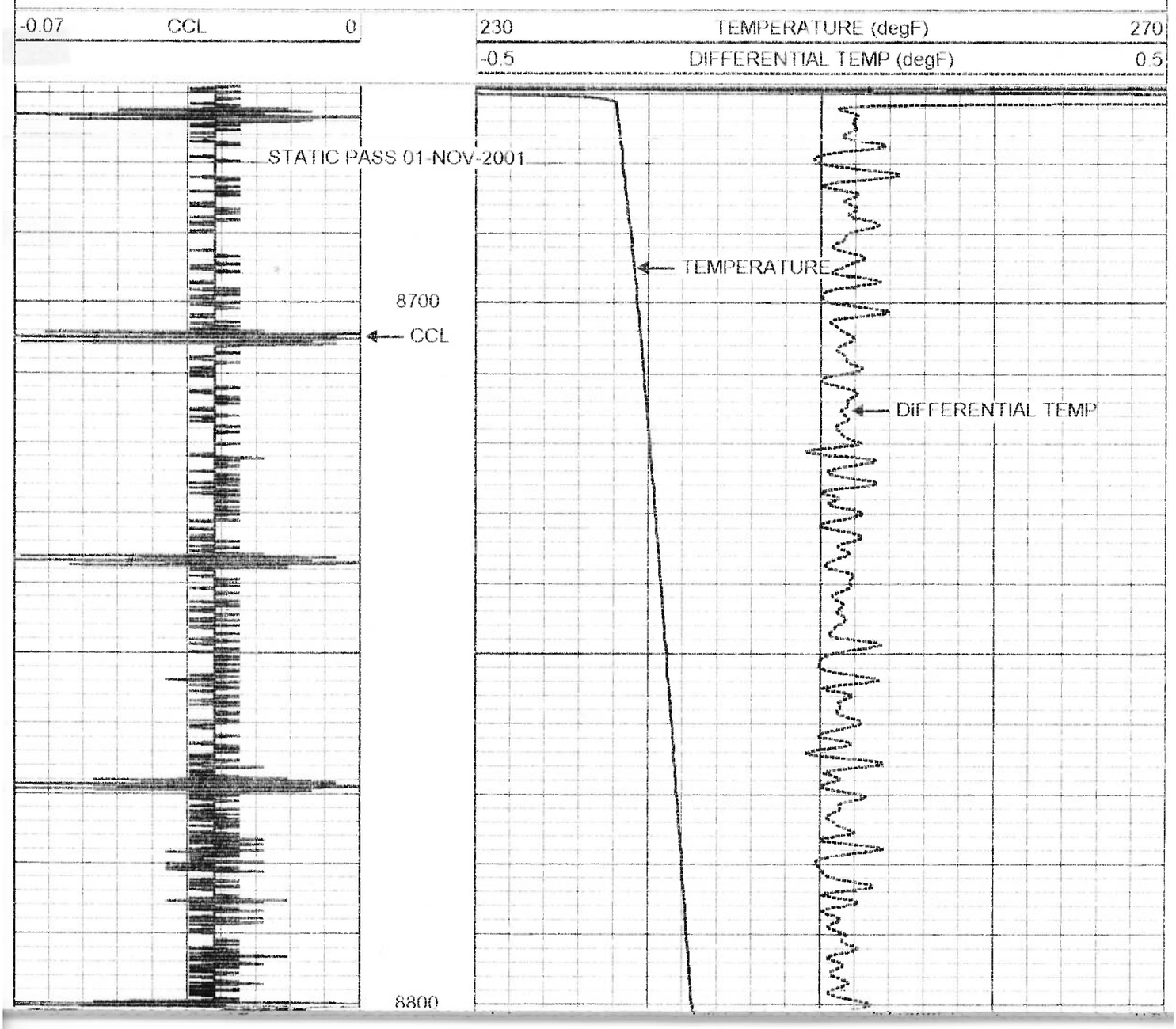

-0.07
CCL
0
150
TEMPERATURE (degF)
230
-1.5
DIFFERENTIAL TEMP (degF)
0.5
-0.5
DIFFERENTIAL TEMP 2 (degF)
1.5
150
TEMPERATURE 2 (degF)
230
Merge of Passes of 26-OCT-2001
Pass 1
DTMP
Pass 2
DTMP/2
8700
8800

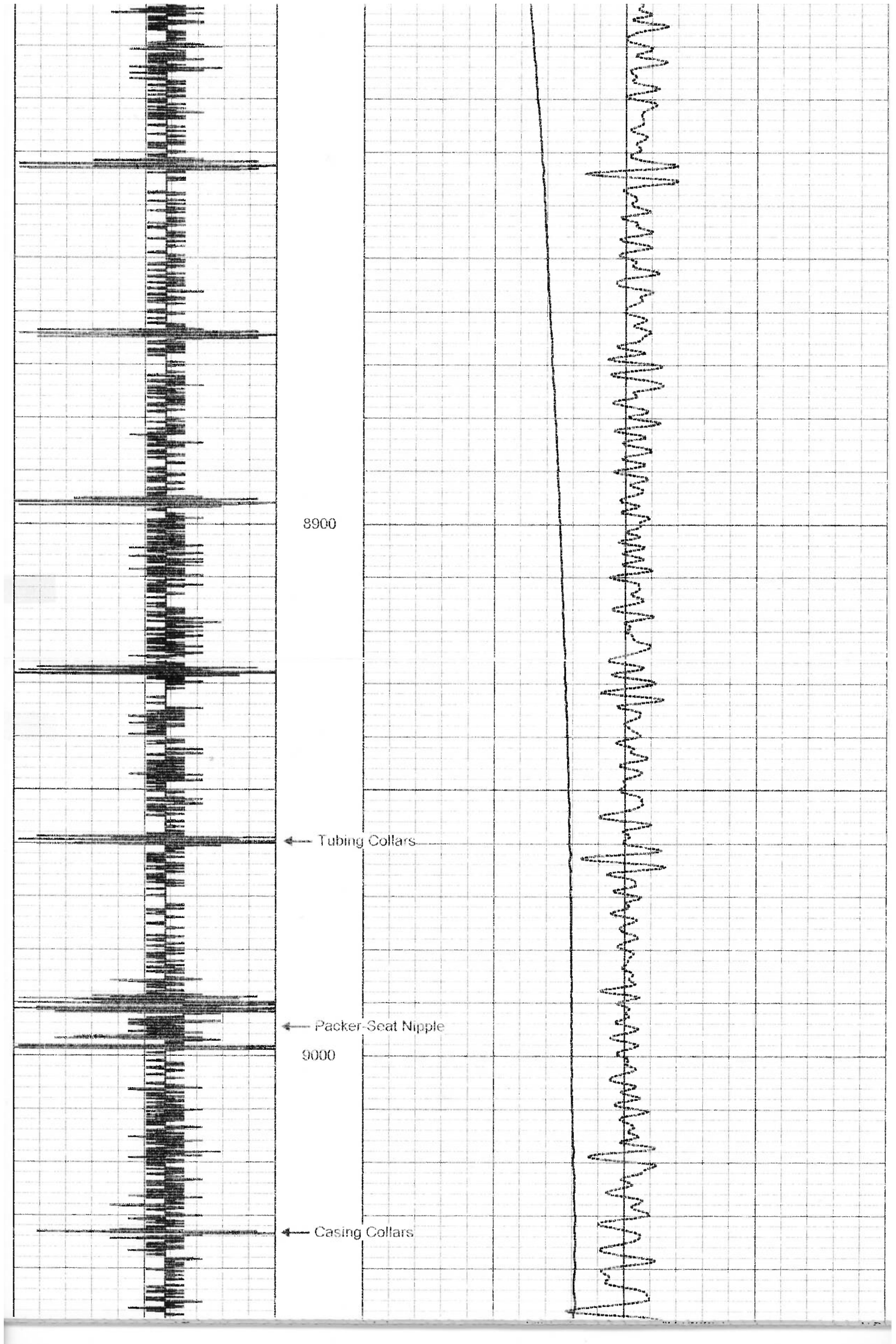

8900
Tubing Collars
Packer
9000
Casing Collars
9100

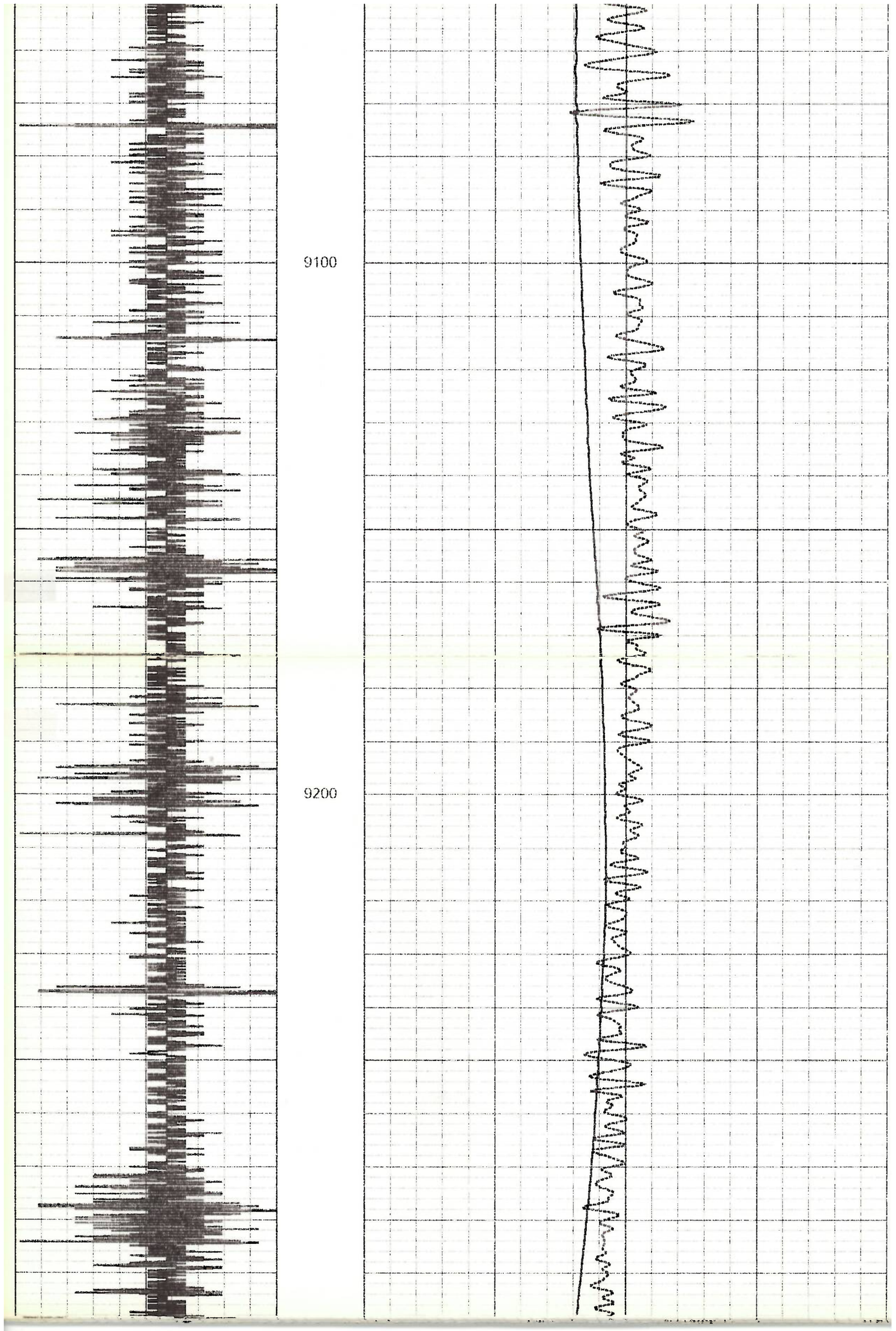

9200
9300

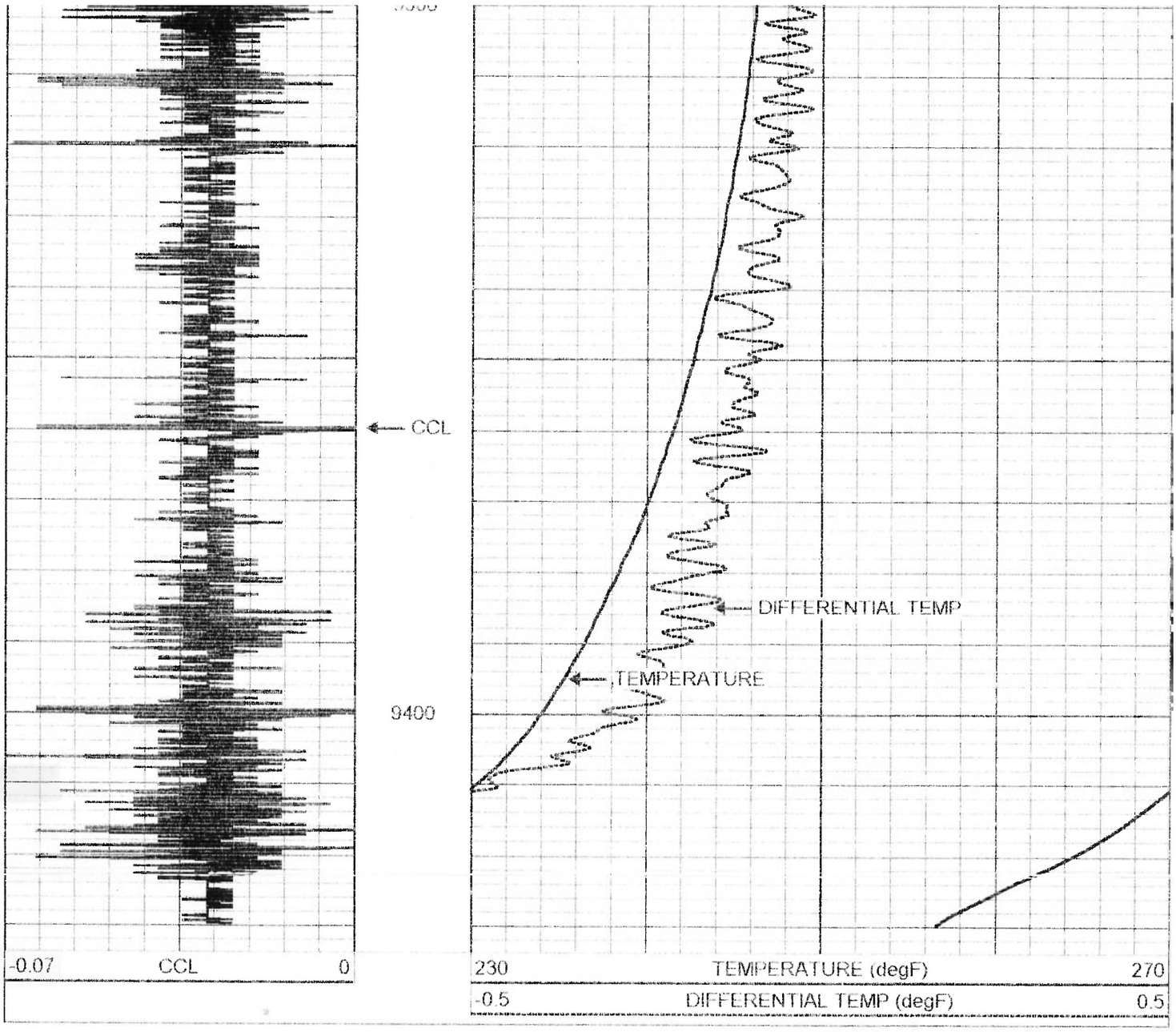


Database File: suk1.db
Dataset Pathname: pass12
Presentation Format: temp4.prs
Dataset Creation: Thu Nov 01 15:04:08 2001 by Log VER_5.4
Charted by: Depth in Feet scaled 1:240

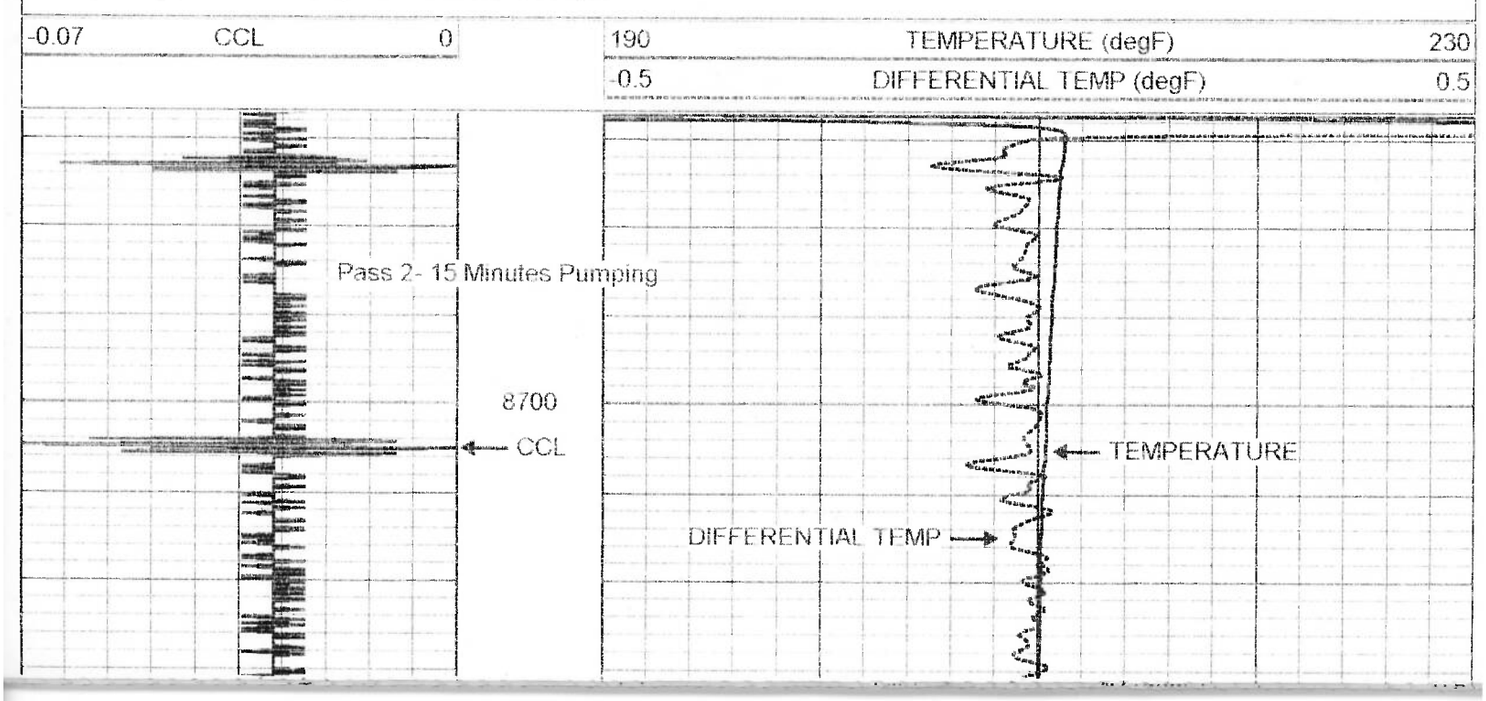


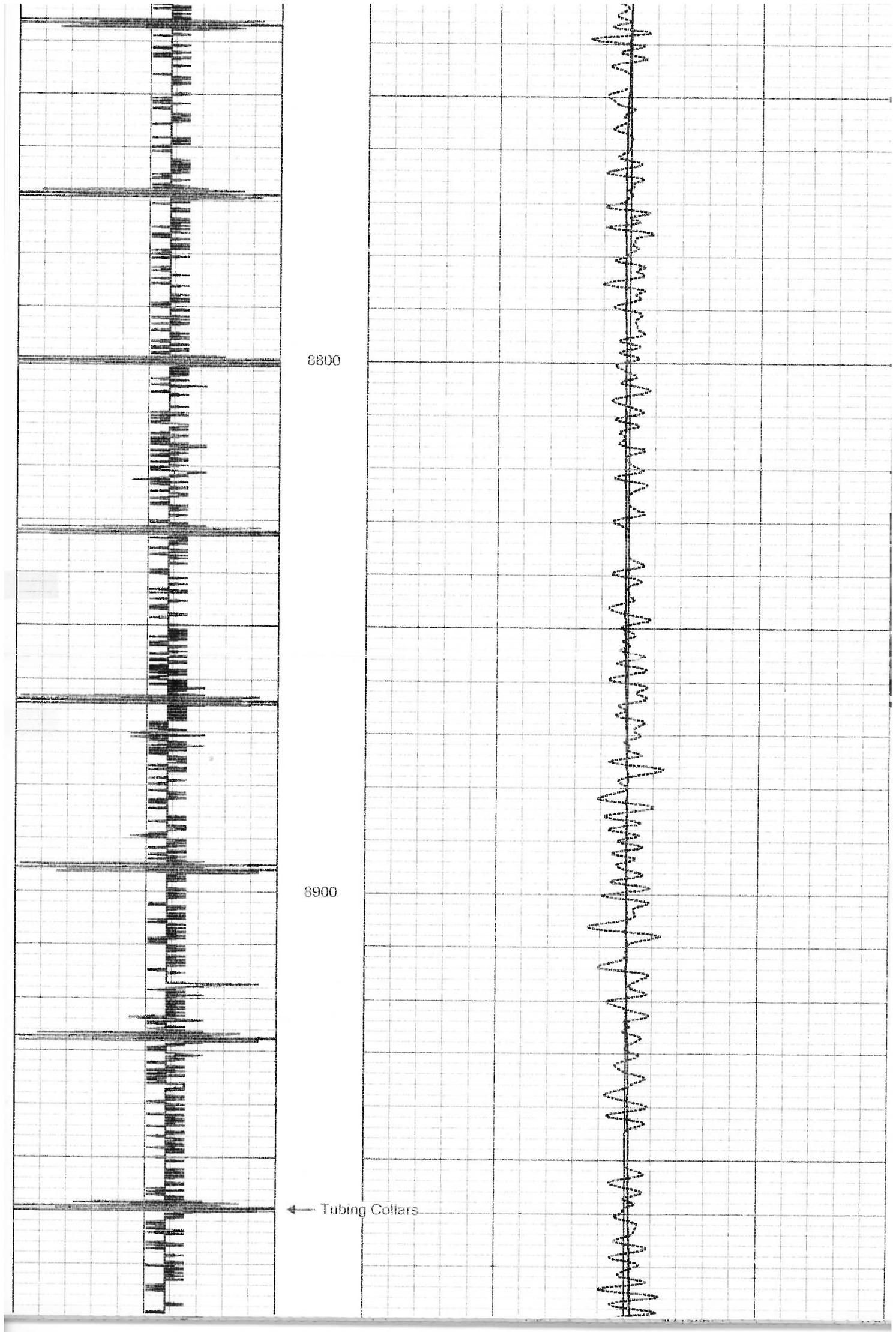

8900
Tubing Collars
Packer-Seat Nipple
9000
Casing Collars

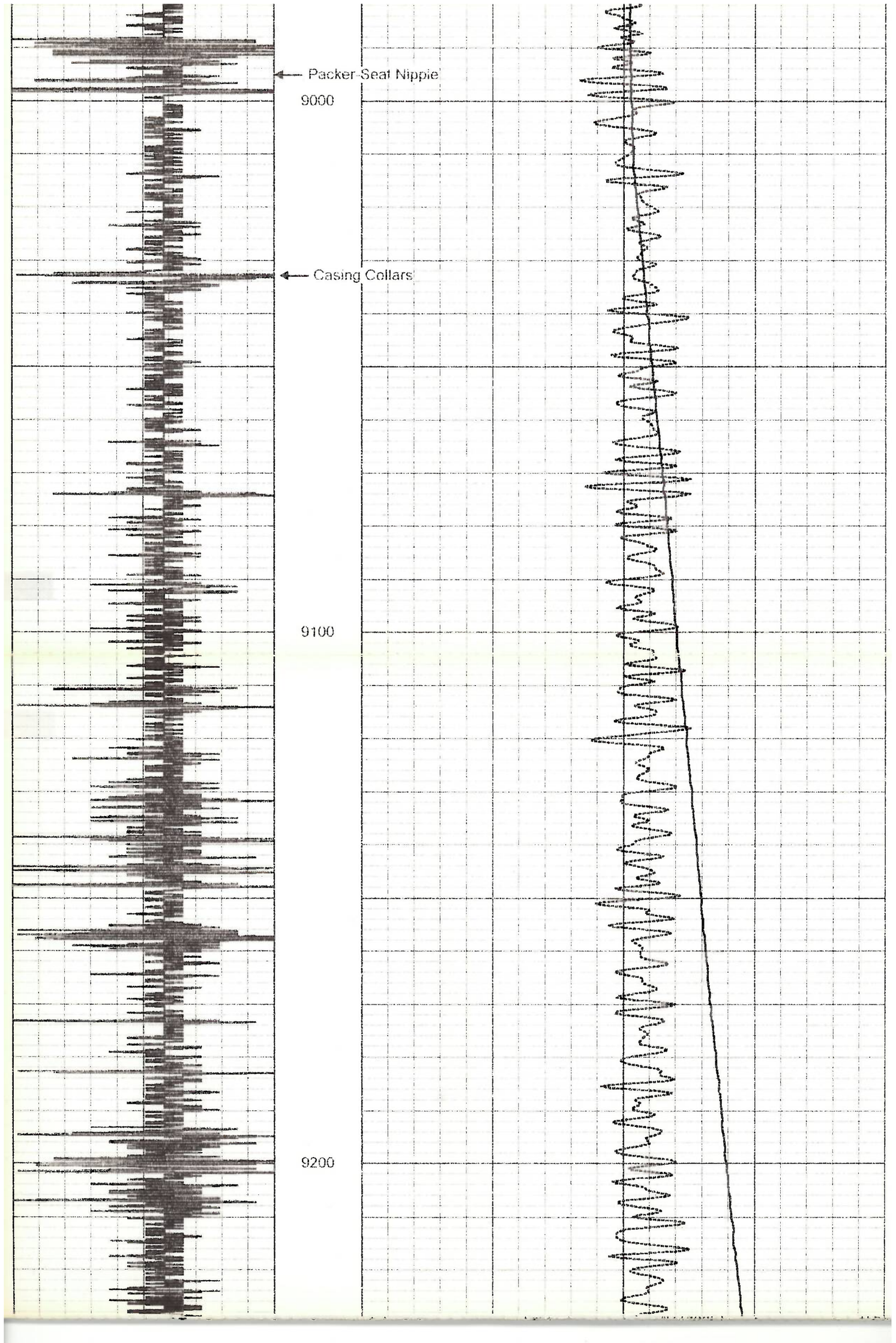

9100
9200

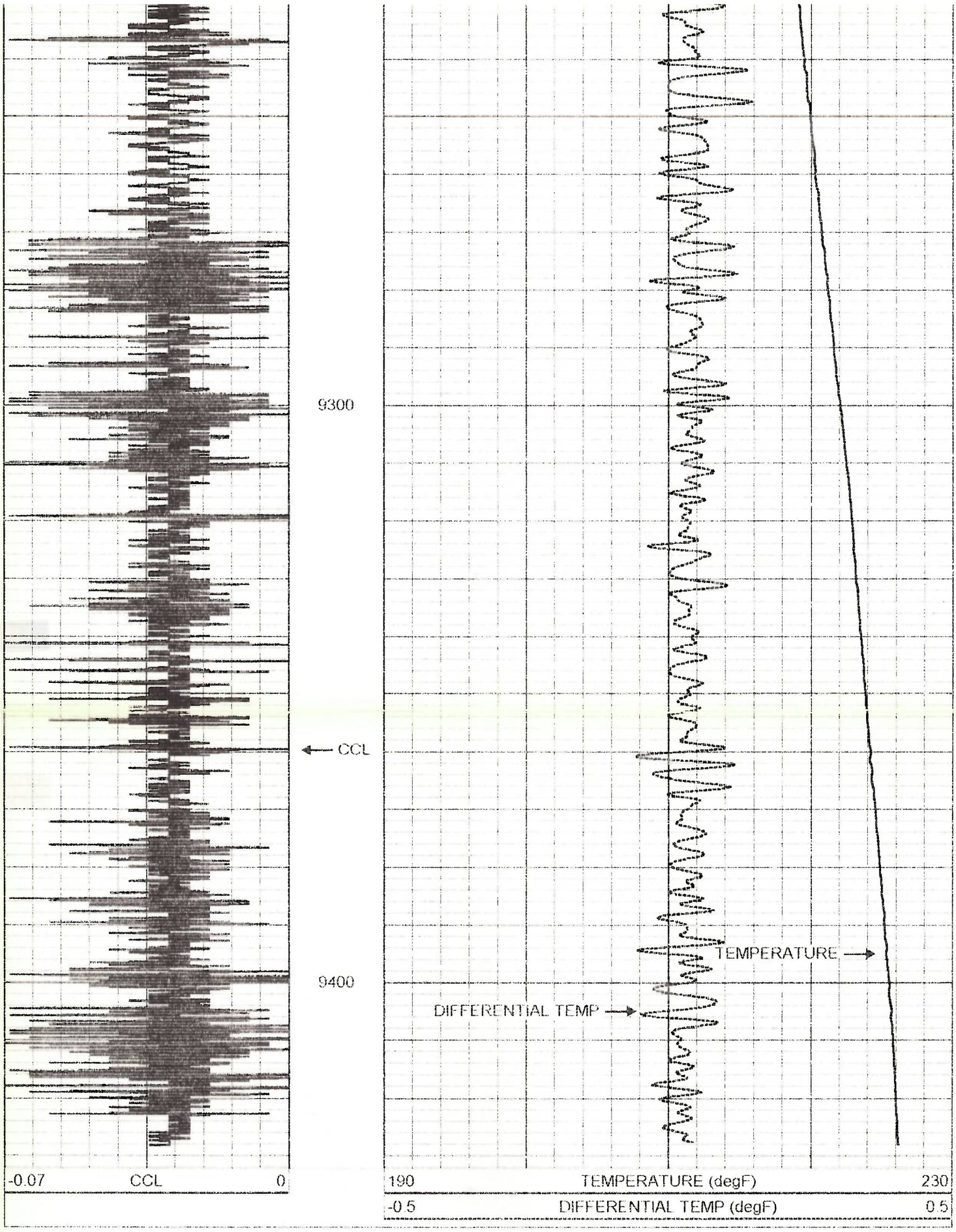


Database File: suk1.db
Dataset Pathname: pass13
Presentation Format: temp.prs
Dataset Creation: Thu Nov 01 15:36:10 2001 by Log VER_5.4
Charted by: Depth in Feet scaled 1:240



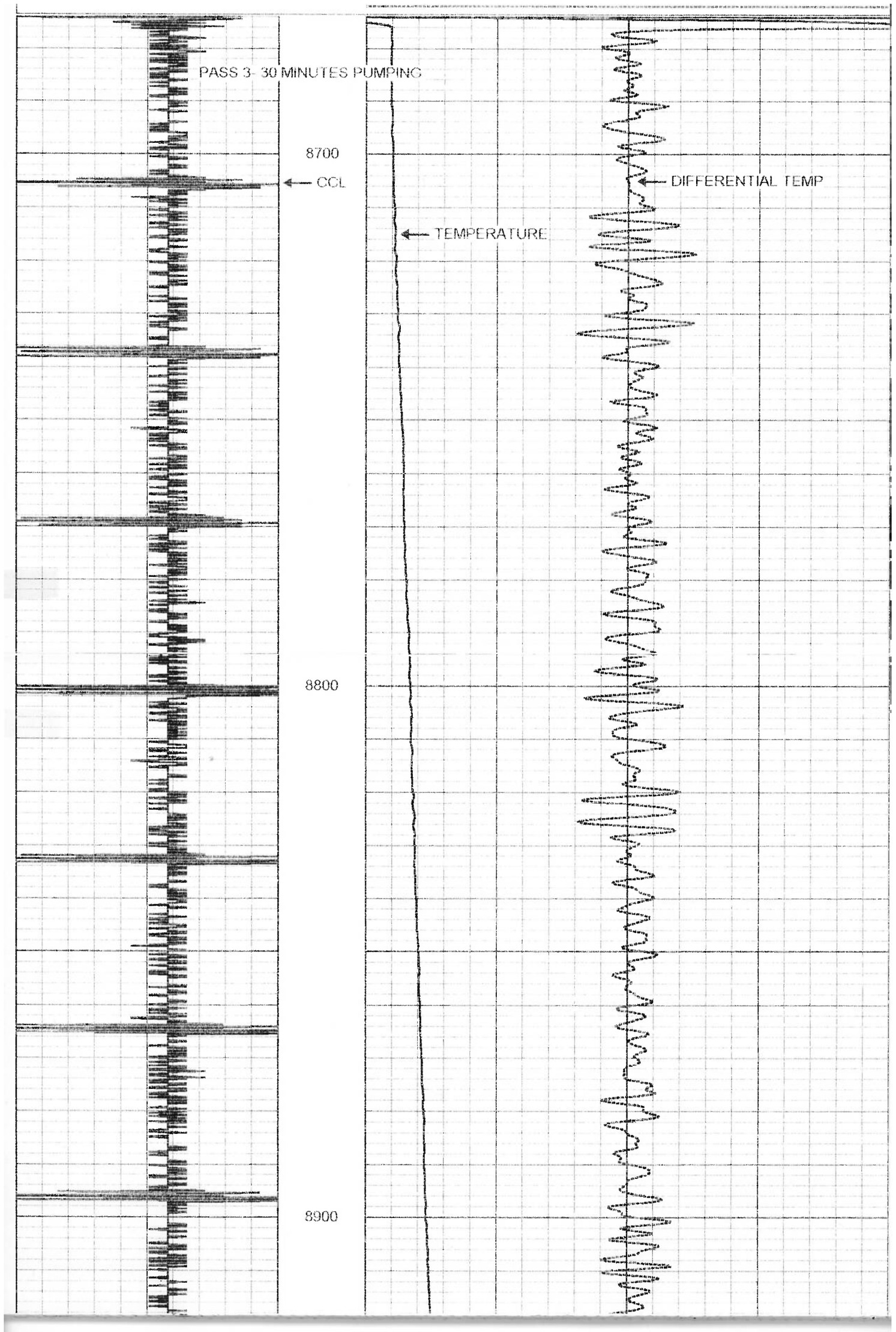

8800
8900
Tubing Collars

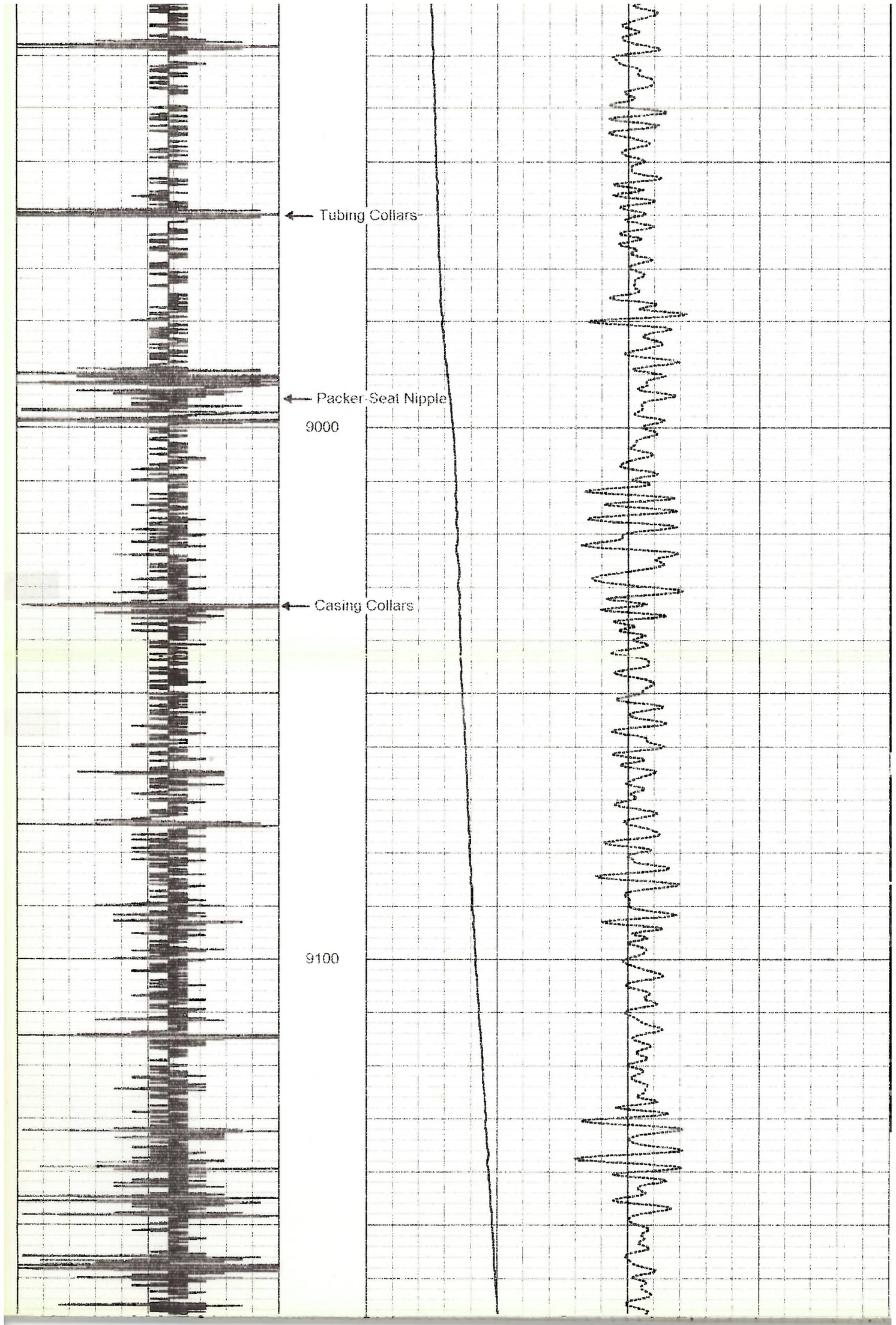

Packer-Seat Nipple
9000
Casing Collars
9100
9200

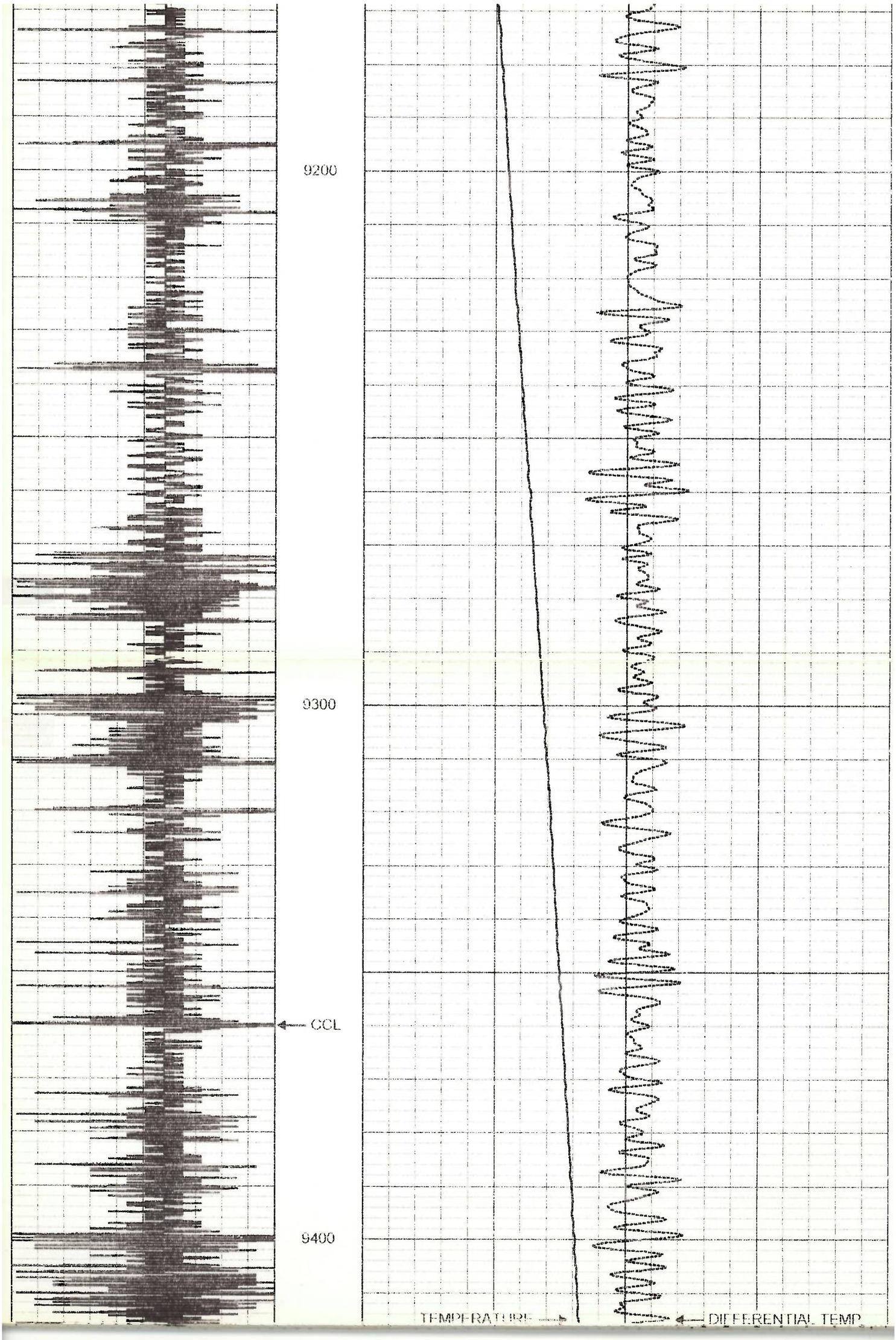


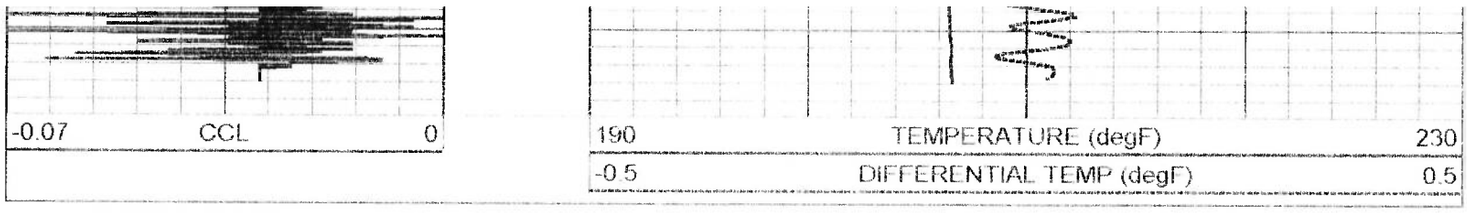
Database File:	suk1.db
Dataset Pathname:	pass14
Presentation Format:	temp.prs
Dataset Creation:	Thu Nov 01 15:52:24 2001 by Log VER_5.4
Charted by:	Depth in Feet scaled 1:240

-0.07 CCL 0 190 TEMPERATURE (degF) 230

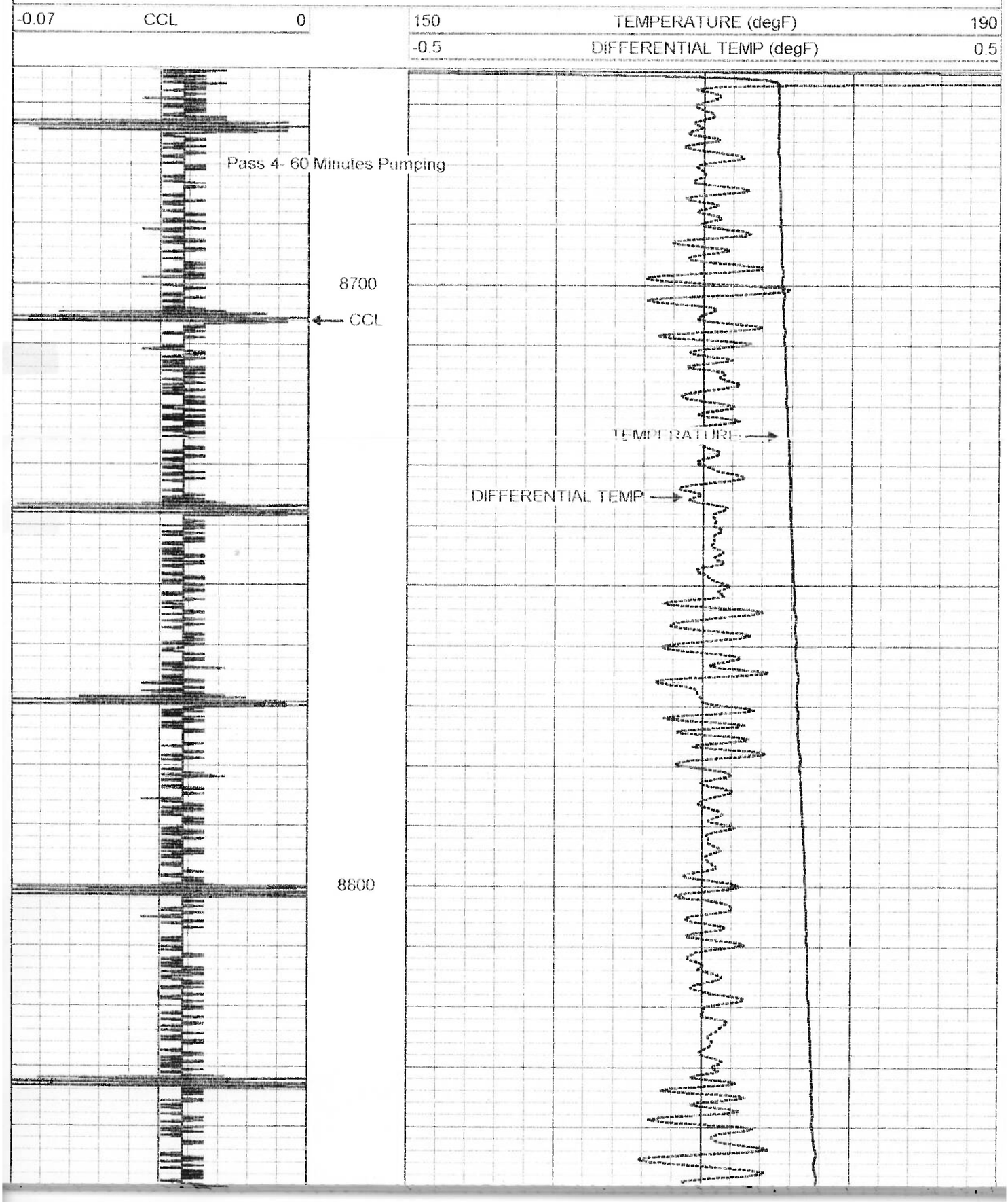

PASS 3- 30 MINUTES PUMPING
8700
CCL
DIFFERENTIAL TEMP
TEMPERATURE
8800
8900

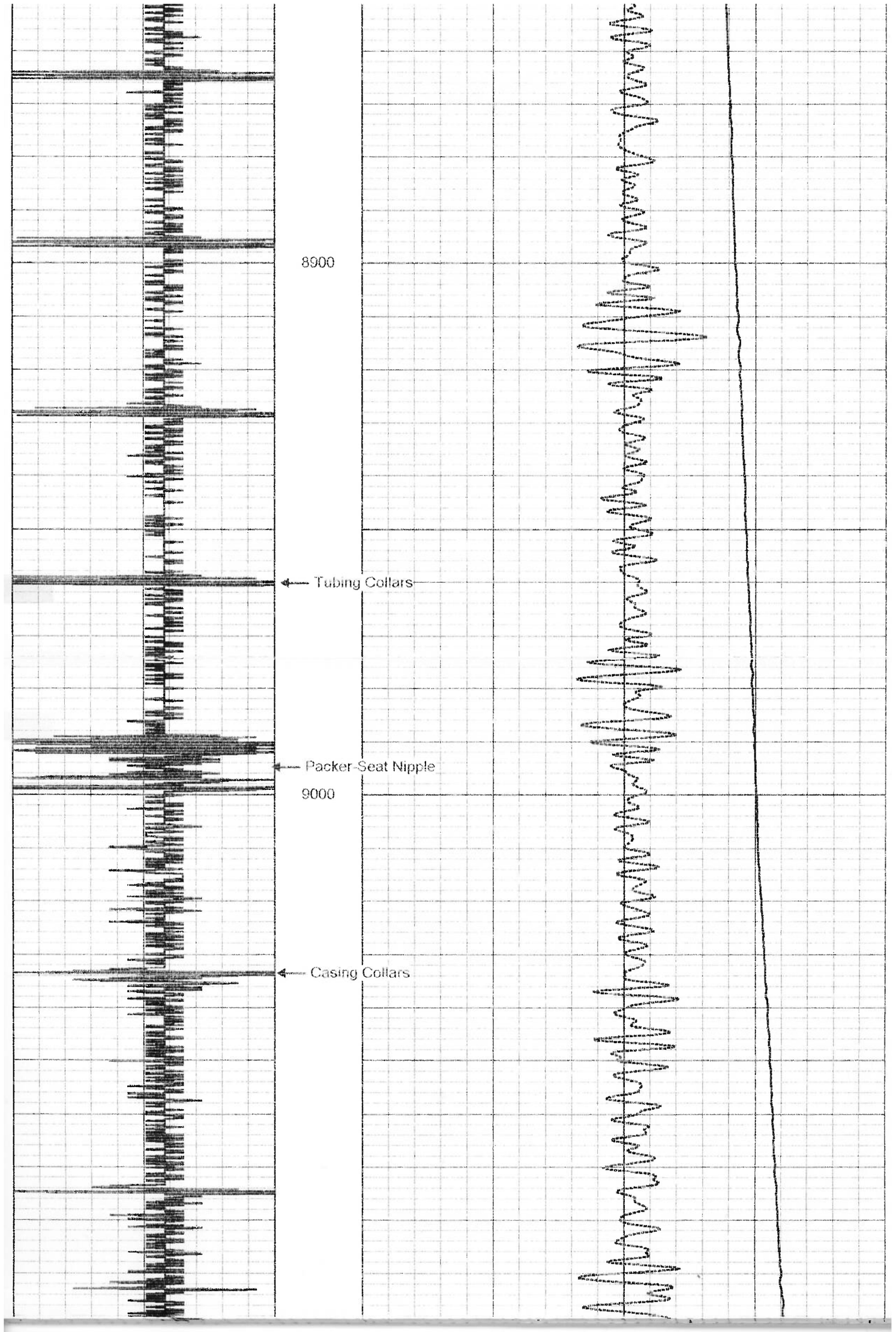

Tubing Collars
Packer Seat Nipple
9000
Casing Collars
9100

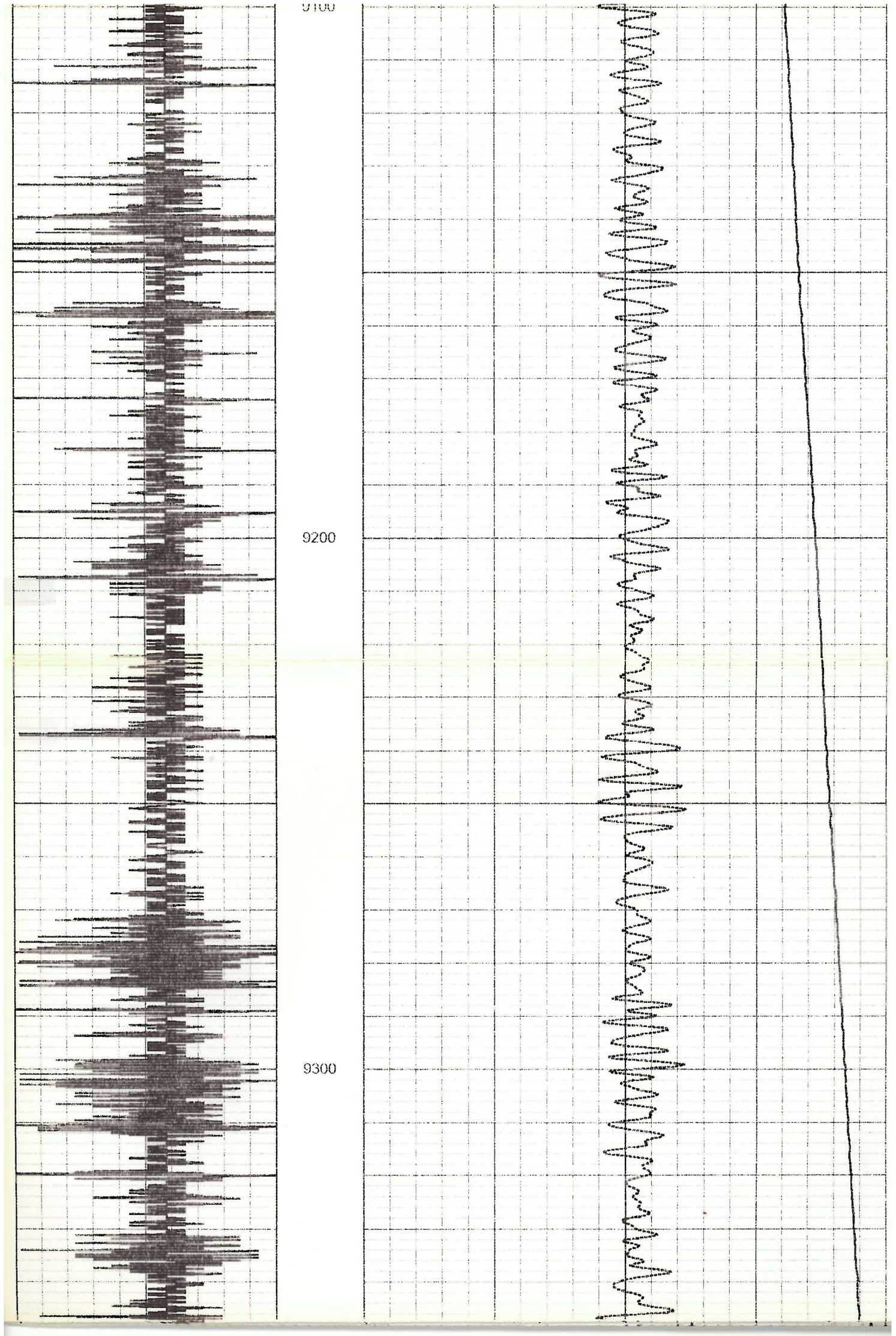

9200
9300
CCL
9400
TEMPERATURE
DIFFERENTIAL TEMP

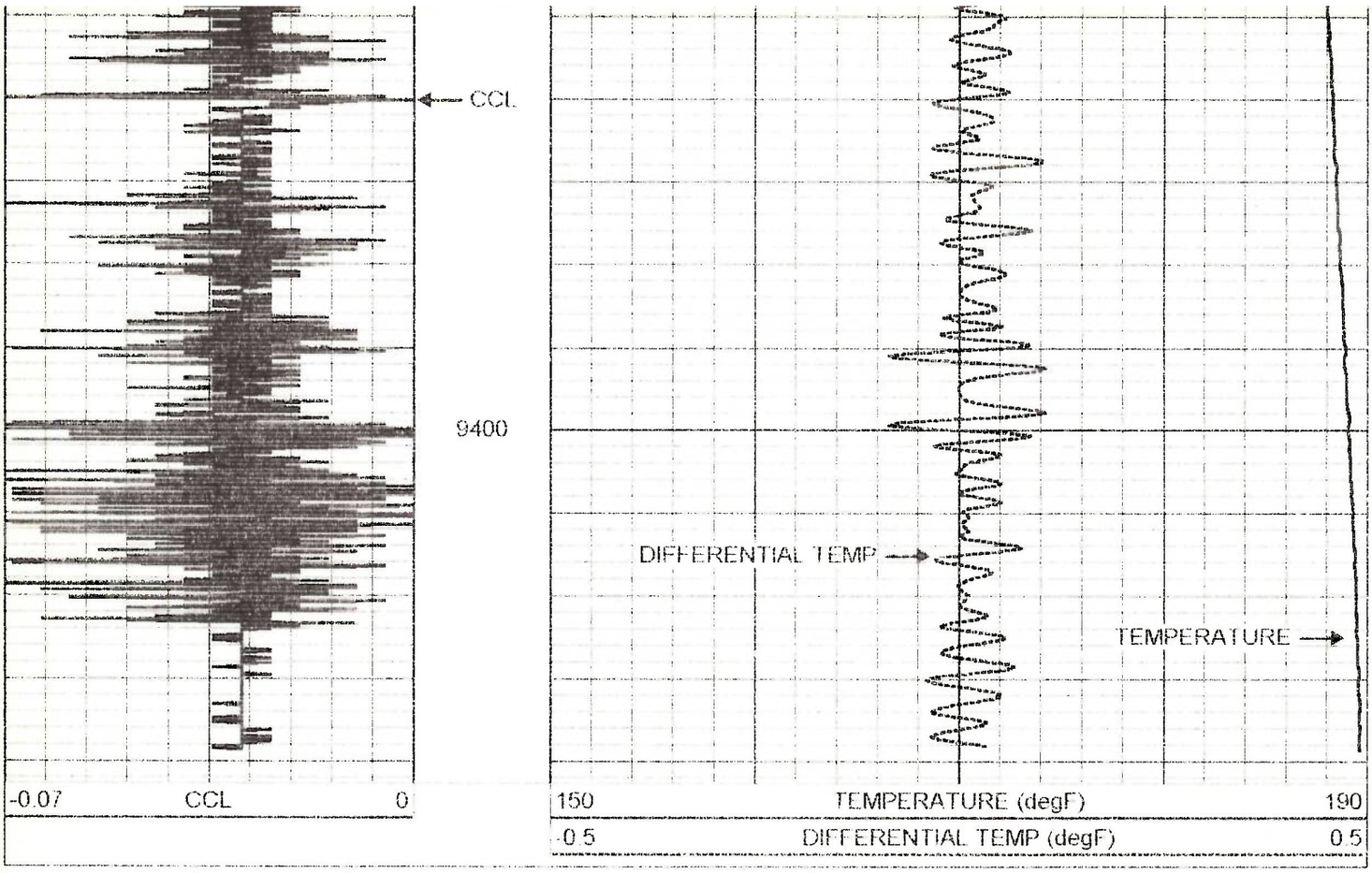


Database File: suk1.db
Dataset Pathname: pass15
Presentation Format: tem2.prs
Dataset Creation: Thu Nov 01 16:23:02 2001 by Log VER_5.4
Charted by: Depth in Feet scaled 1:240

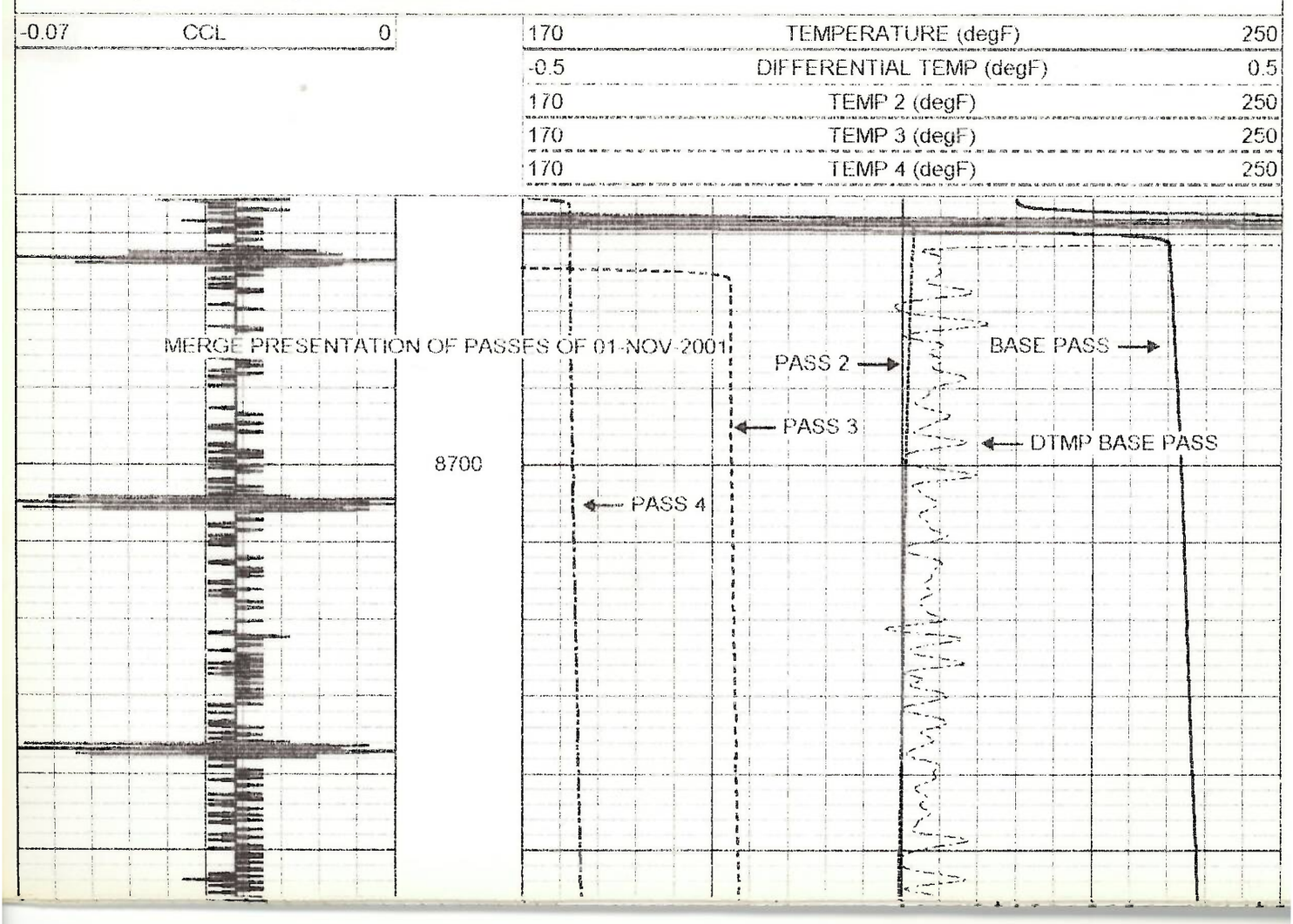


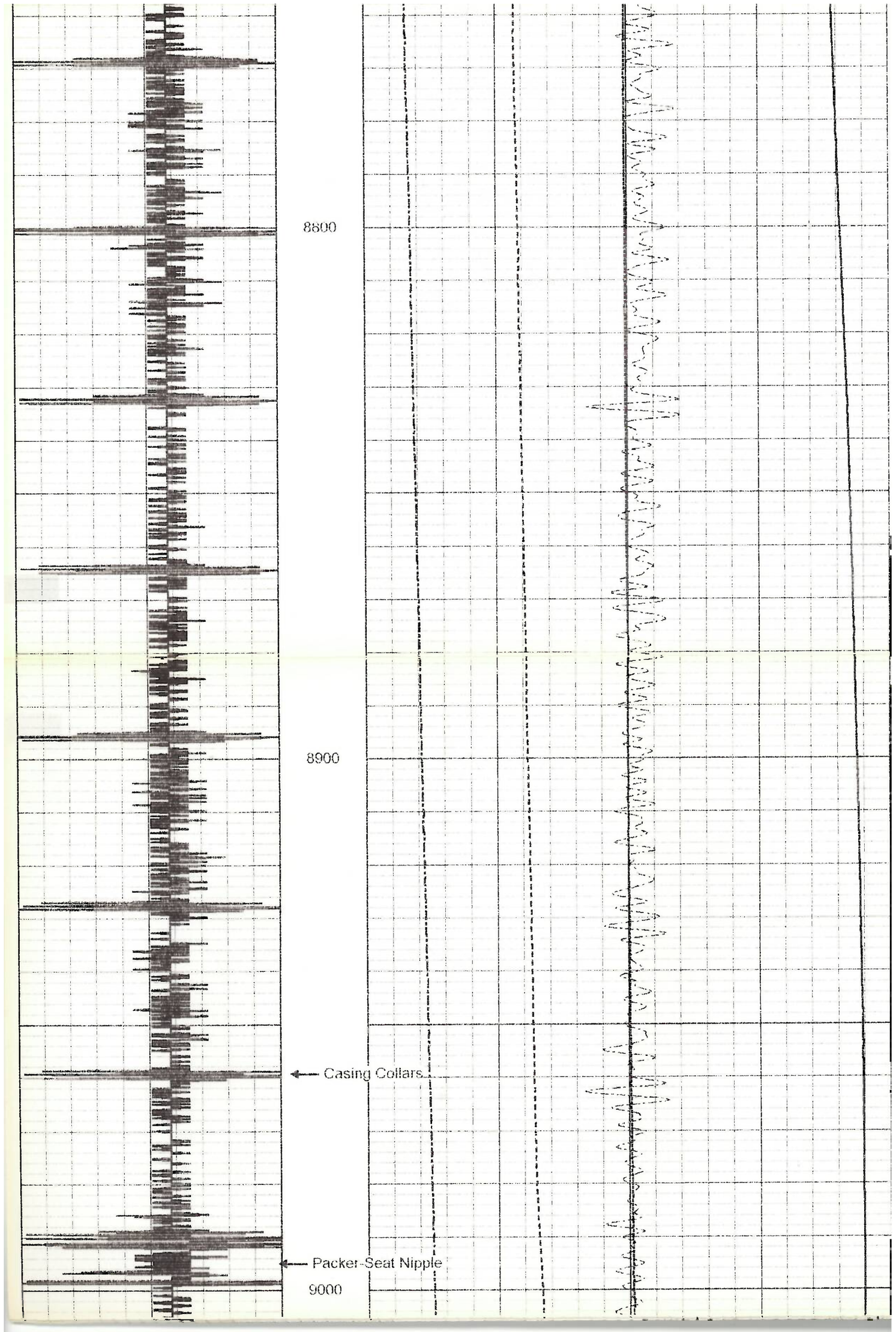

8900
Tubing Collars
Packer Seat Nipple
9000
Casing Collars

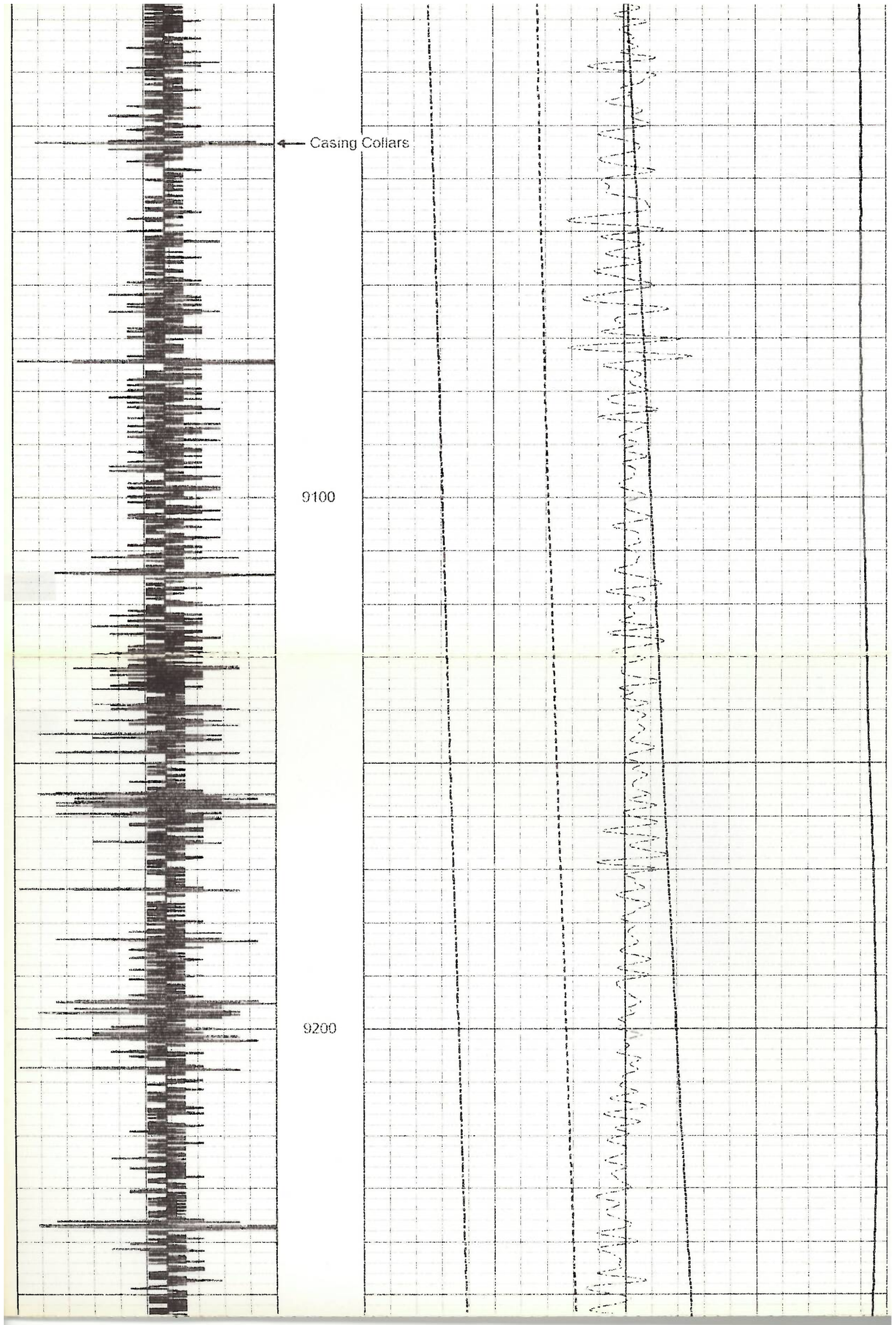

9100
9200
9300

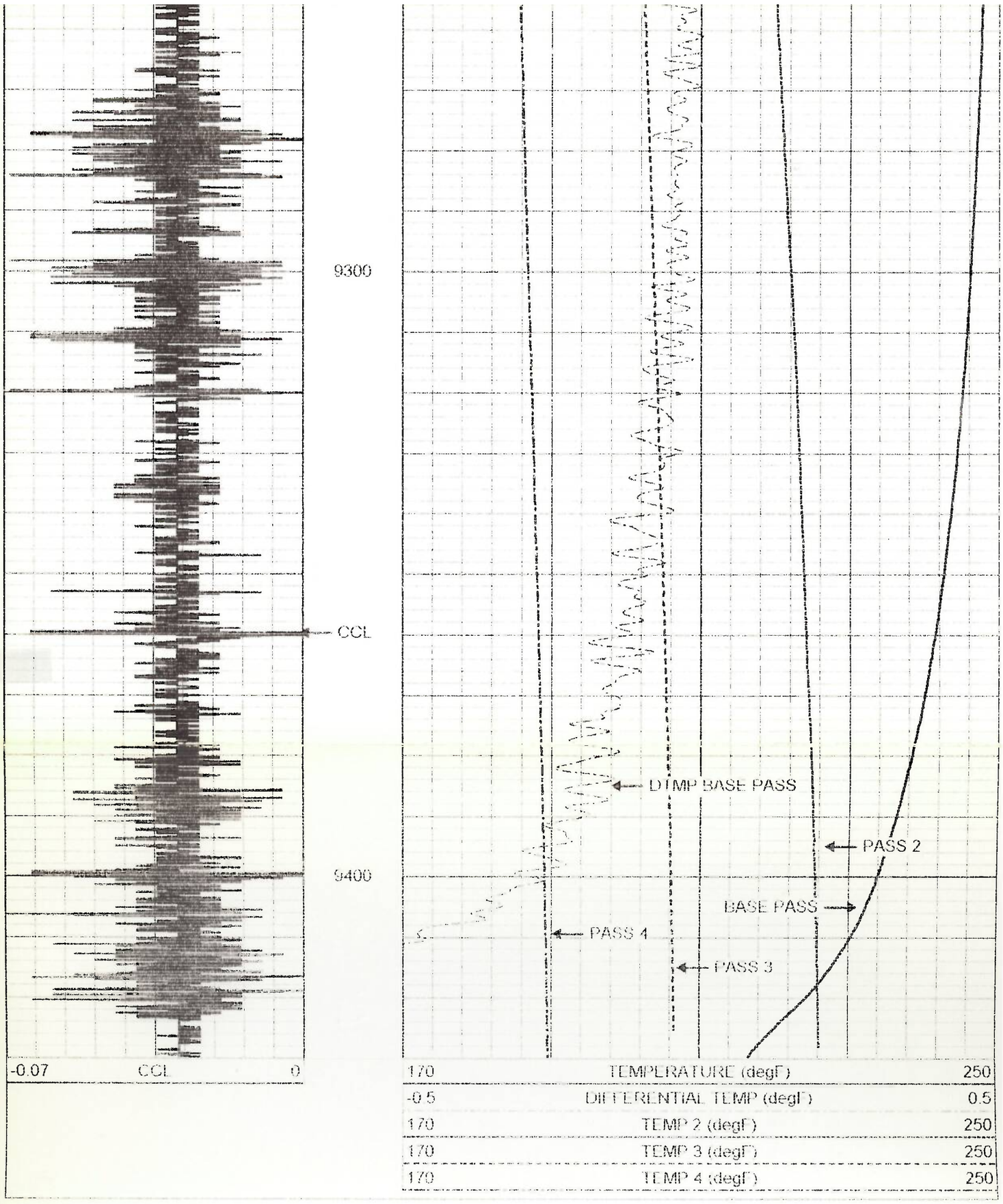


Database File: suk1.db
Dataset Pathname: pass16
Presentation Format: temp5.prs
Dataset Creation: Fri Nov 02 08:22:21 2001 by Log VER_5.4
Charted by: Depth in Feet scaled 1:240




8800
8900
Casing Collars
Packer-Seat Nipple
9000


Casing Collars
9100
9200



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NOV 13 2001
Office of Environment
Compliance & Environmental