PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUME
GAMMA RAY

Job No.
12772

File No.

Company	U.S.G.S.
Well	TMPP
Field	TEMECULA
County	RIVERSIDE
State	CA

Location:

CANTERFIELD RD.

Sec. Twp. Rge.

Other Services:

E-LOG
SONIC/VDL
GR/LL3

Permanent Datum	G.L.	Elevation	Elevation
Log Measured From	G.L.	0' above perm. datum	K.B.
Drilling Measured From	G.L.		D.F.
			G.L.

Date	9-15-06		
Run Number	ONE		
Depth Driller	1485'		
Depth Logger	1488'		
Bottom Logged Interval	1486'		
Top Log Interval	0'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	6" 0-1300'	5 3/4" 1300-T.D.	
Type Fluid in Hole	BENTONITE		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	3.19 @ 77F		
Rmf @ Meas. Temp	3.7 @ 77F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEAS		
Rm @ BHT	N/A		
Time Circulation Stopped	N/A		
Time Logger on Bottom	2:00 PM		
Max. Recorded Temperature	N/A		
Equipment Number	PS-2		
Location	L.A.		
Recorded By	LAPORTE		
Witnessed By	TONY		

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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 willful 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.

Comments

XY Caliper Calibration Report

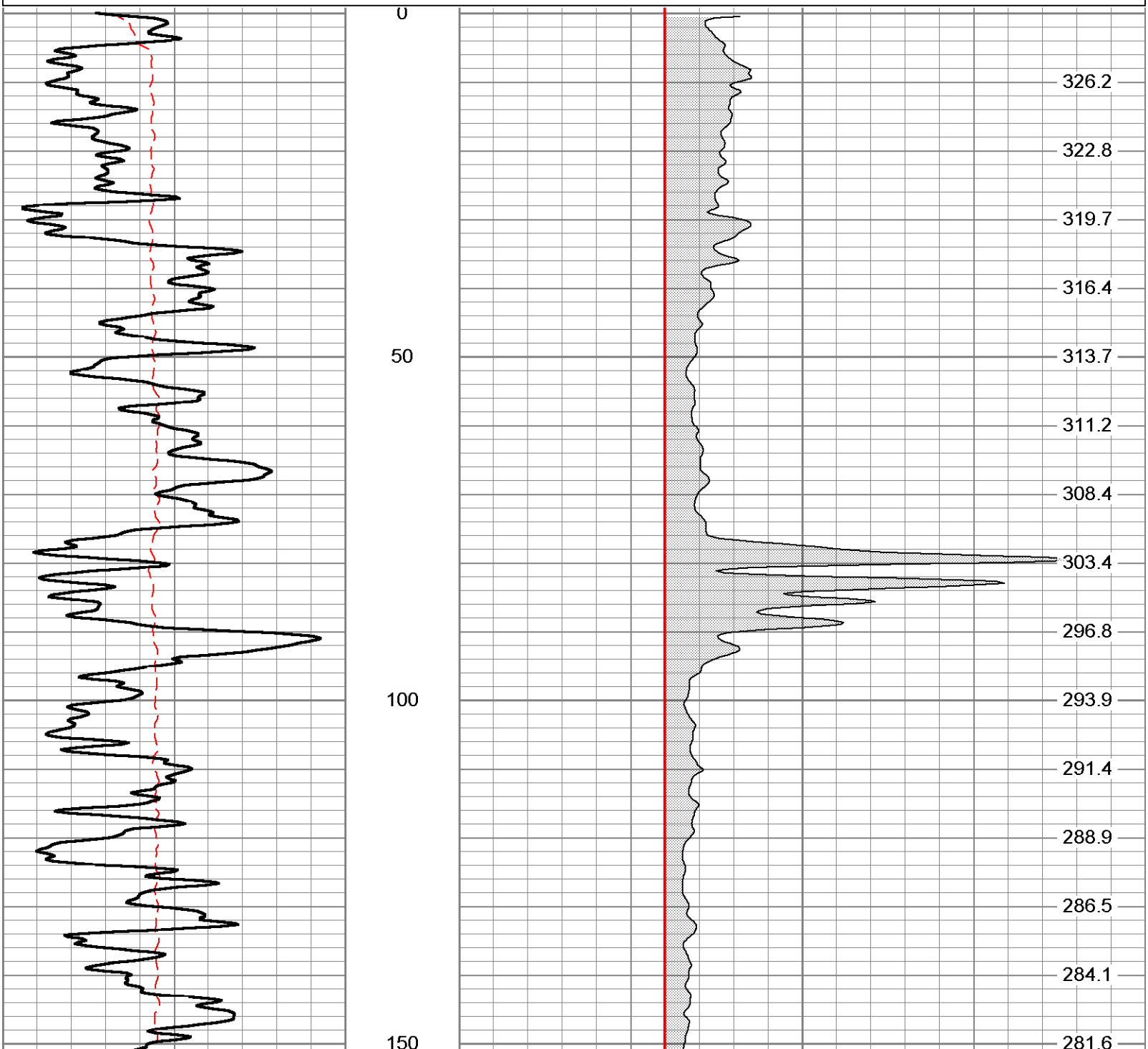
Serial Number: SHORT
Tool Model: Comprobe
Performed: Fri Sep 15 15:18:51 2006

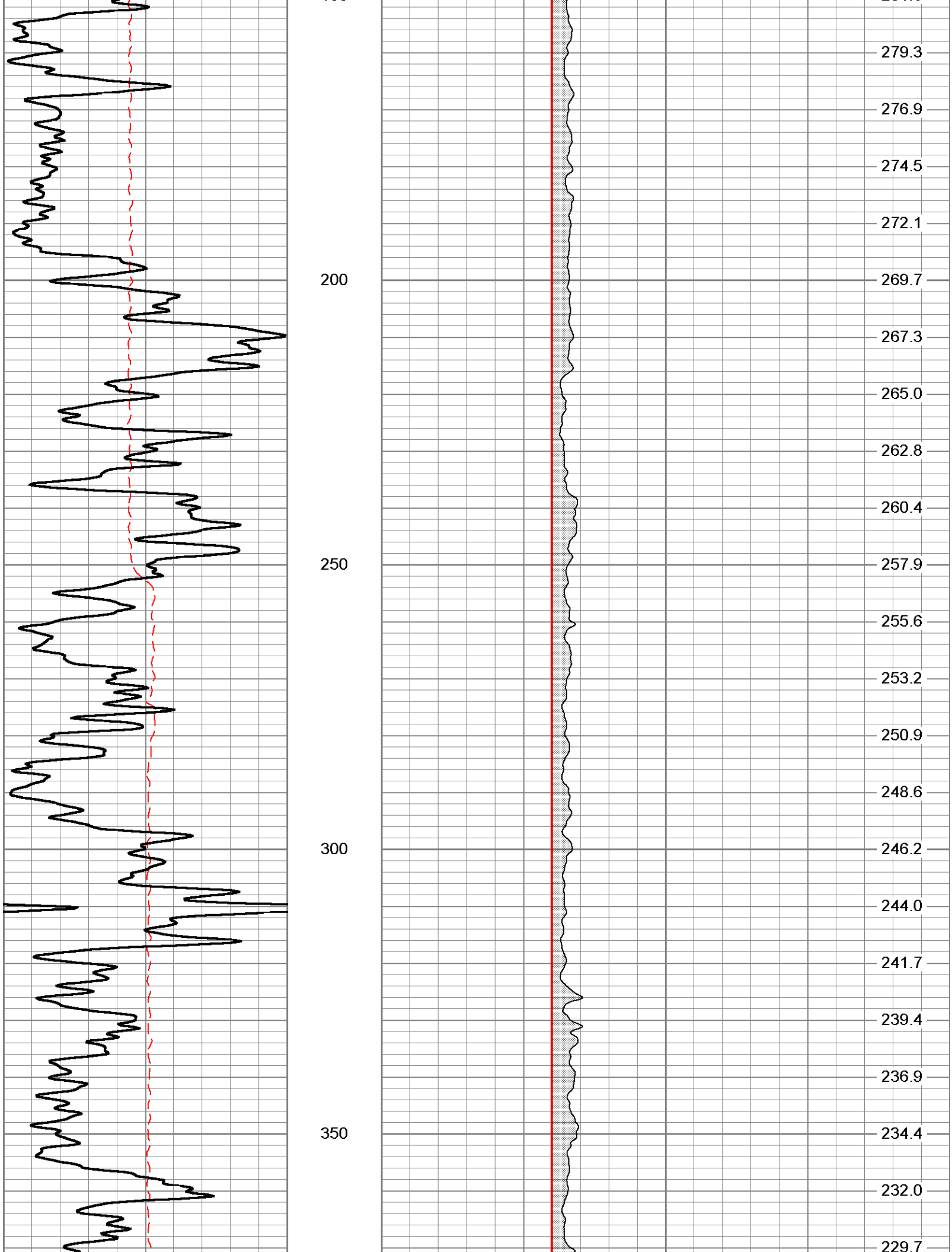
Small Ring:	8.6	in	
Large Ring:	18.6	in	
	X Caliper	Y Caliper	
Reading with Small Ring:	324.6	324.6	cps
Reading with Large Ring:	1087.9	1087.9	cps
Gain:	0.013101	0.013101	
Offset:	4.34741	4.34741	

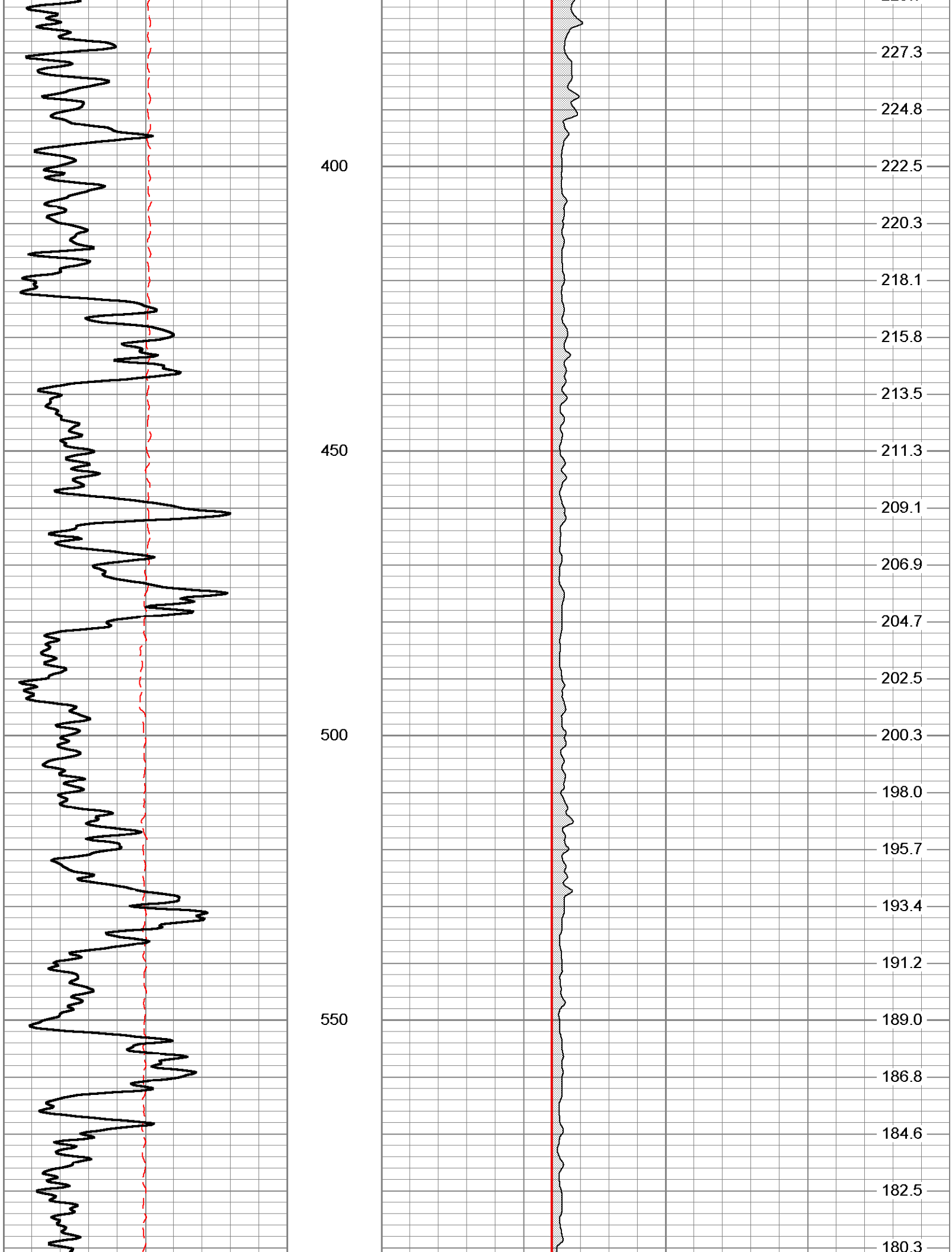
Database File:	12772.db
Dataset Pathname:	USGS/Temec/run1/CAL
Presentation Format:	XYC2
Dataset Creation:	Fri Sep 15 15:26:32 2006 by Log 6.0
Charted by:	Depth in Feet scaled 1:240

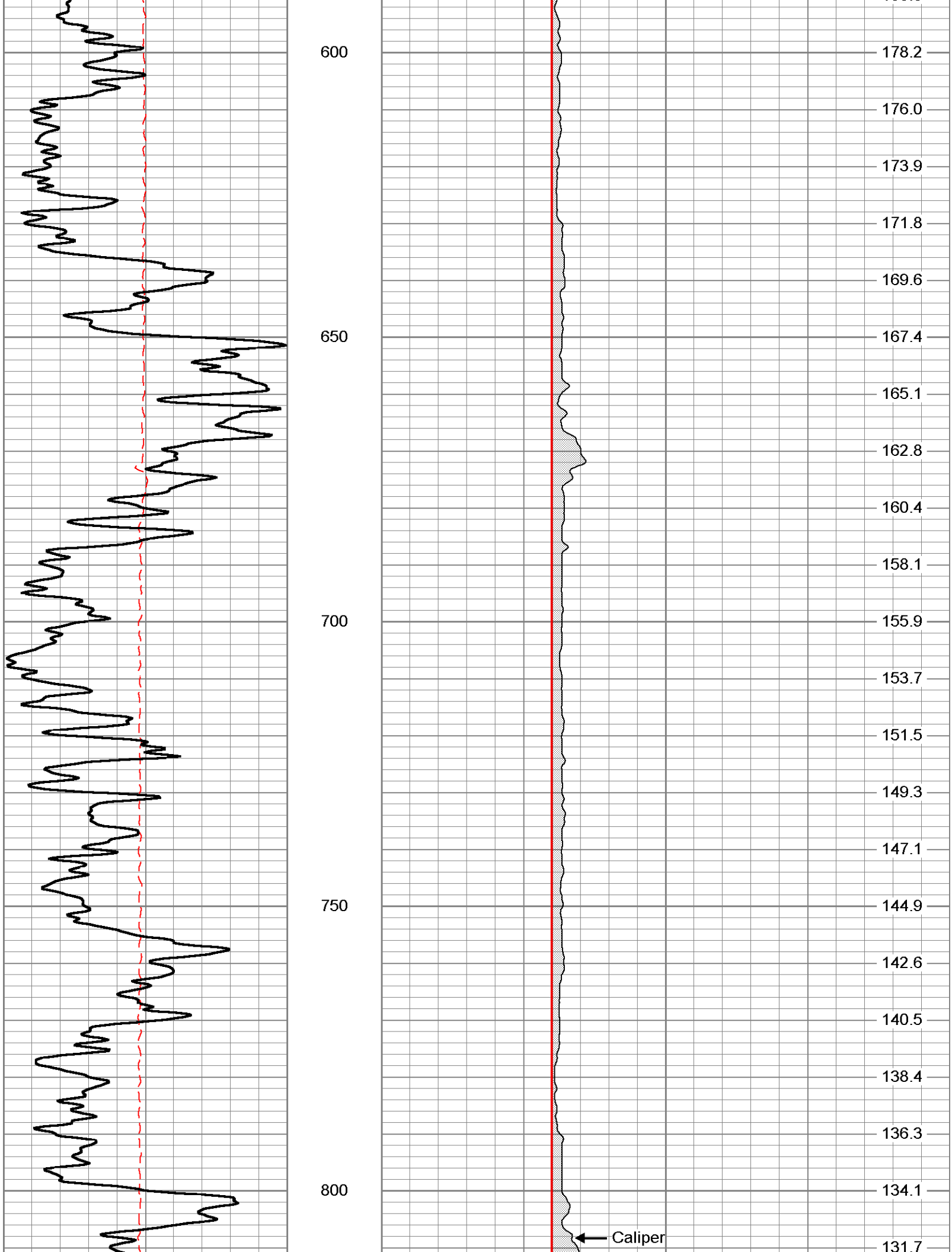
0	Line Speed (ft/min)	100
40	Gamma Ray (GAPI)	100

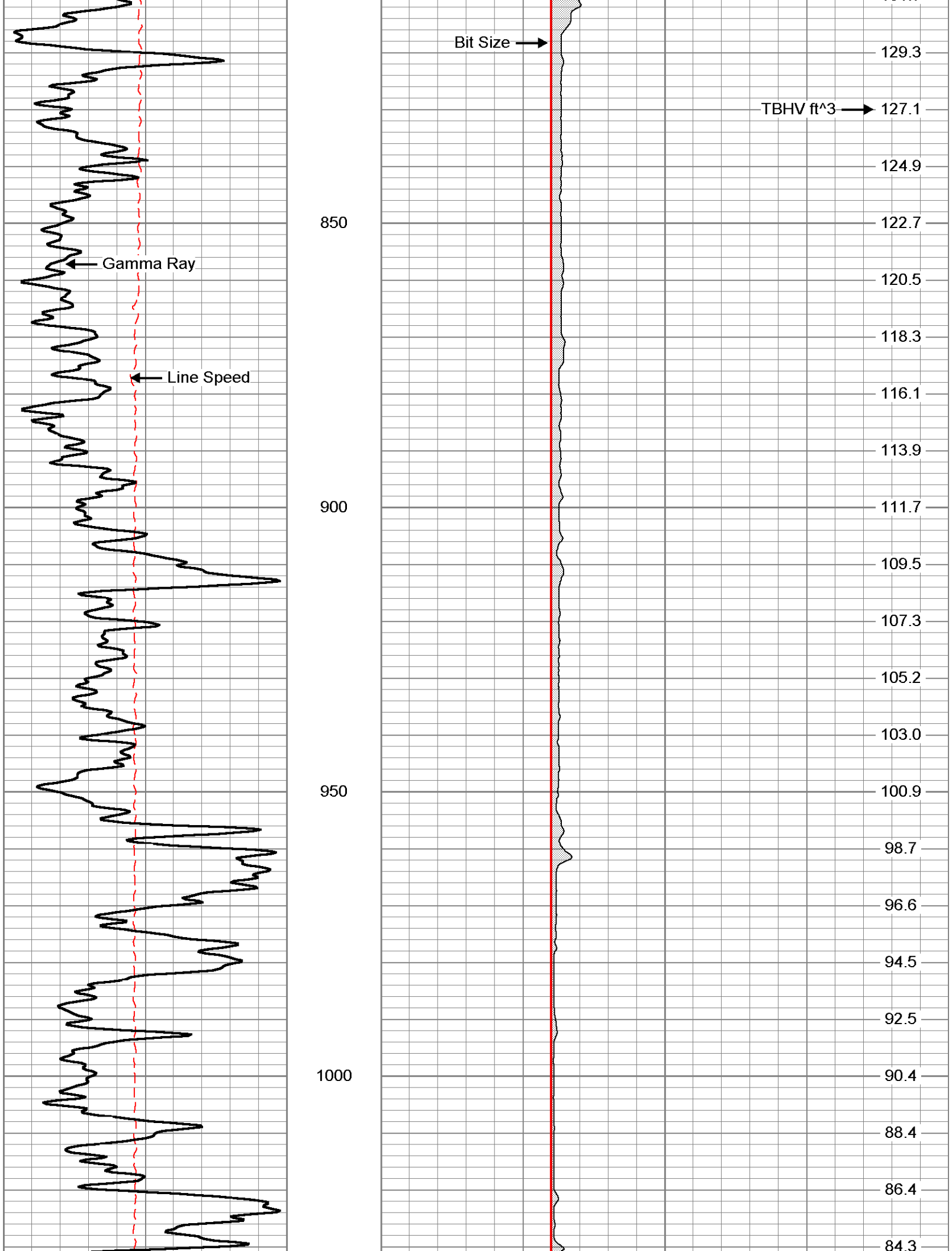
0	CALIPER (in)	20
0	BIT SIZE (in)	20

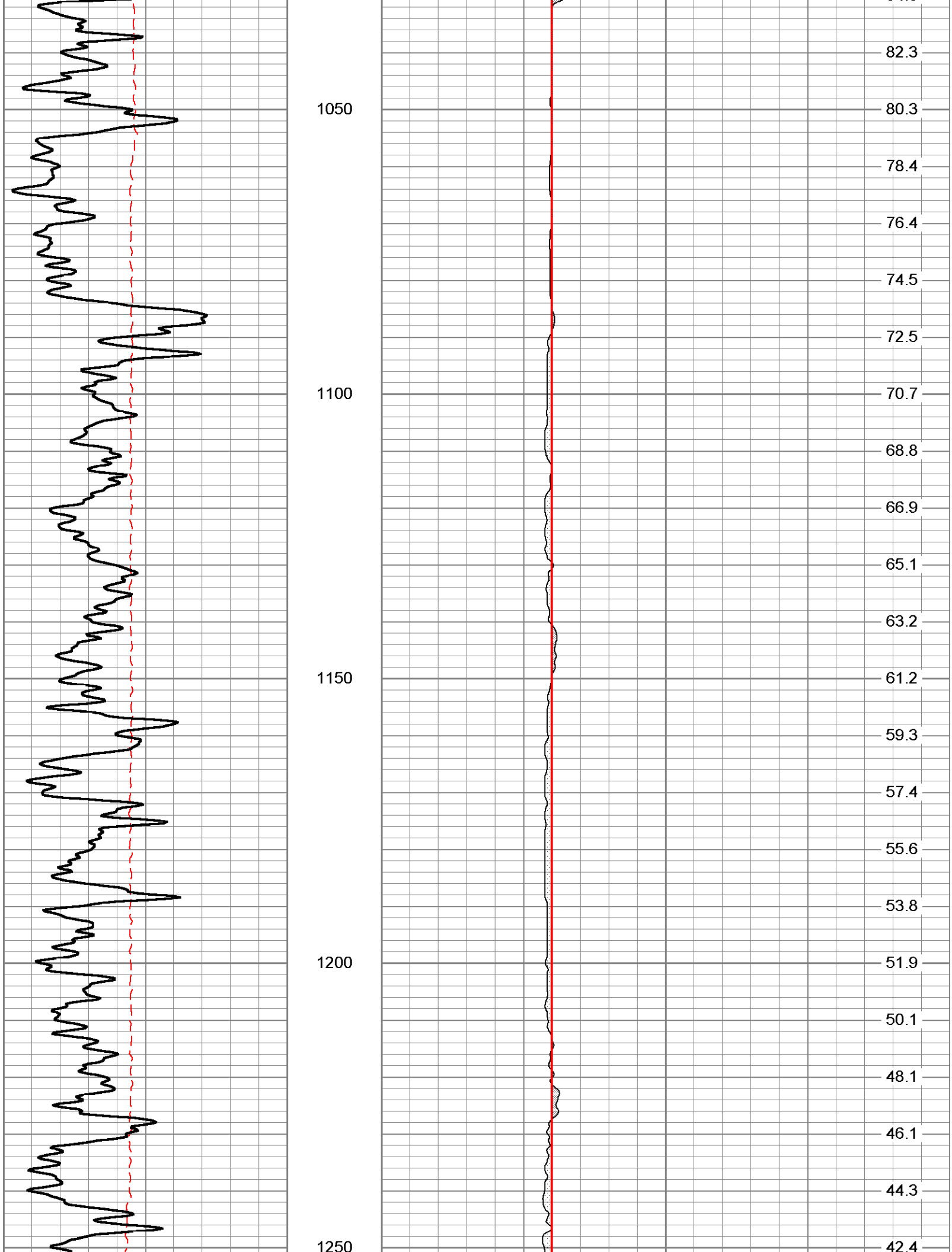


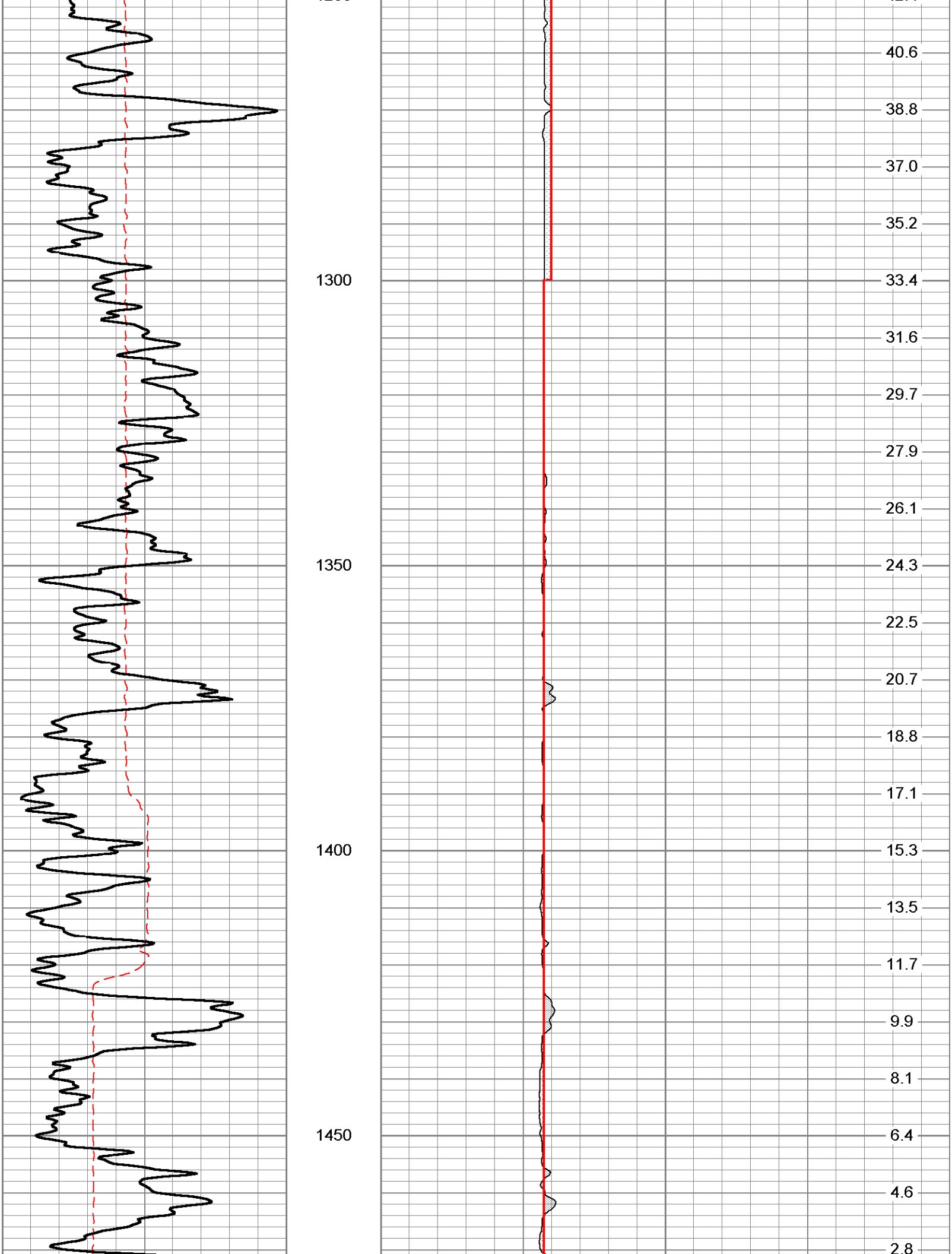

200
250
300
350
279.3
276.9
274.5
272.1
269.7
267.3
265.0
262.8
260.4
257.9
255.6
253.2
250.9
248.6
246.2
244.0
241.7
239.4
236.9
234.4
232.0
229.7

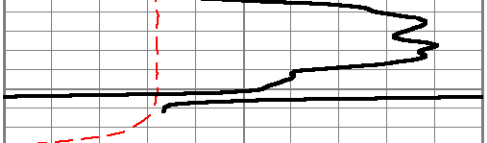

400
450
500
550
227.3
224.8
222.5
220.3
218.1
215.8
213.5
211.3
209.1
206.9
204.7
202.5
200.3
198.0
195.7
193.4
191.2
189.0
186.8
184.6
182.5
180.3


600
650
700
750
800
178.2
176.0
173.9
171.8
169.6
167.4
165.1
162.8
160.4
158.1
155.9
153.7
151.5
149.3
147.1
144.9
142.6
140.5
138.4
136.3
134.1
131.7
Caliper

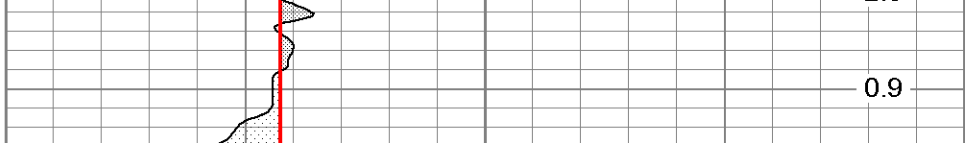

Gamma Ray
Line Speed
850
900
950
1000
Bit Size
TBHV ft^3
129.3
127.1
124.9
122.7
120.5
118.3
116.1
113.9
111.7
109.5
107.3
105.2
103.0
100.9
98.7
96.6
94.5
92.5
90.4
88.4
86.4
84.3


1050
1100
1150
1200
1250
82.3
80.3
78.4
76.4
74.5
72.5
70.7
68.8
66.9
65.1
63.2
61.2
59.3
57.4
55.6
53.8
51.9
50.1
48.1
46.1
44.3
42.4


1300
1350
1400
1450
40.6
38.8
37.0
35.2
33.4
31.6
29.7
27.9
26.1
24.3
22.5
20.7
18.8
17.1
15.3
13.5
11.7
9.9
8.1
6.4
4.6
2.8



0	Line Speed (ft/min)	100
40	Gamma Ray (GAPI)	100



0	CALIPER (in)	20
0	BIT SIZE (in)	20