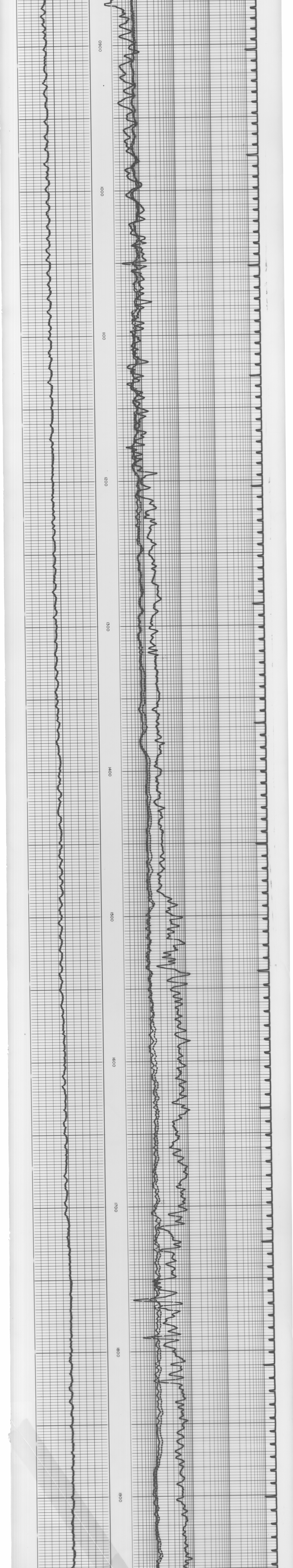
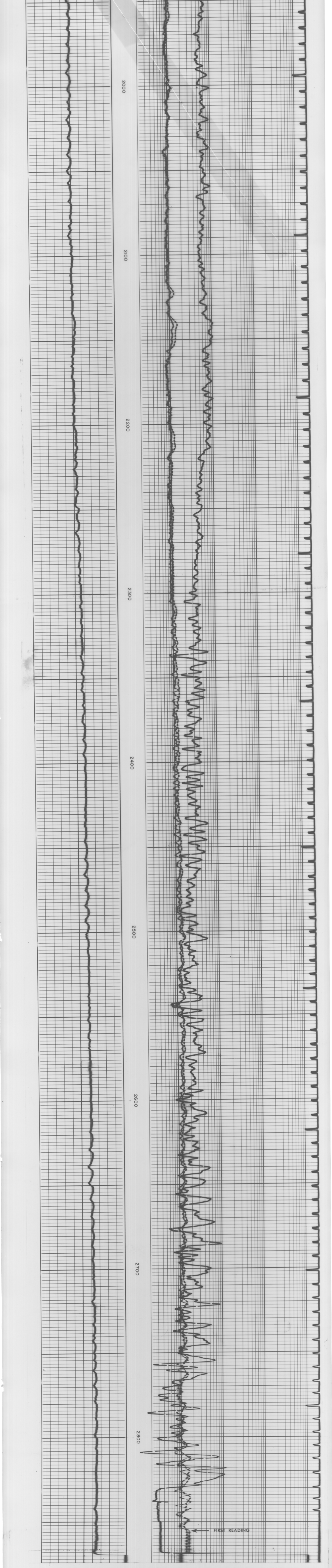




TTI
10 m sec
1 m sec

500 300 100

5"
Depths

INTERVAL TRANSIT TIME Δt
microsecond per meter

REPEAT SECTION

CALIBRATION DATA

Schlumberger

SIMULTANEOUS

INDUCTION RESISTIVITY SONIC

ISF - SONIC

0.2 1.0 10 100 1000 2000
SPHERICALLY FOCUSED RESITIVITY R_{SFL}
0.2 1.0 10 100 1000 2000
DEEP INDUCTION R_{ILD}
RESISTIVITY
ohms - m

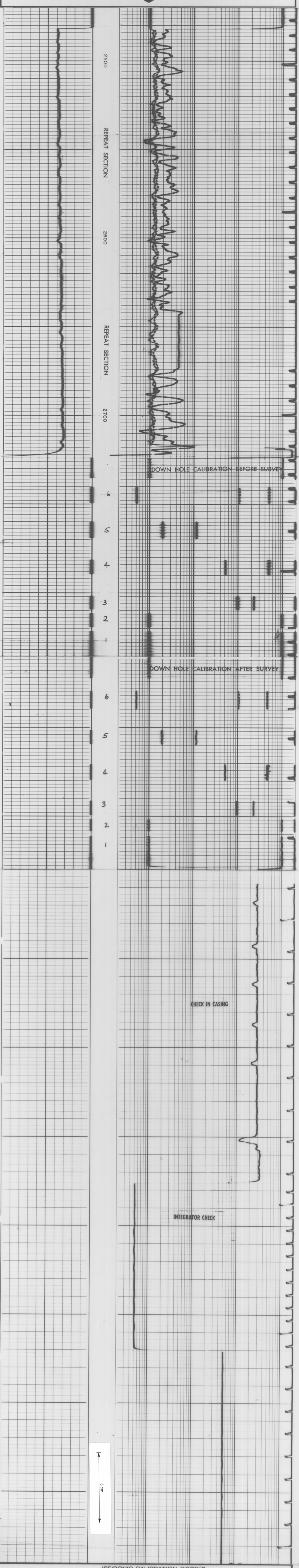
10

SPONTANEOUS POTENTIAL
millivolts

5"
Depths

REPEAT SECTION

CALIBRATION DATA



ISF/SONIC CALIBRATION CODING

	ISF	SONIC
1.	MECHANICAL ZERO	MECHANICAL ZERO
2.	1 ohm-m	40 μ sec
3.	100 ohm-m	60 μ sec
4.	500 ohm-m	80 μ sec
5.	2 ohm-m	100 μ sec
6.	SONDE ERROR	140 μ sec
7.	ZERO SIGNAL IN AIR	SURFACE CALIBRATION ONLY
8.	TEST LOOP	

GAMMA RAY CALIBRATION CODING

1. MECHANICAL ZERO
2. TEST - 1 - ELECTRICAL ZERO
3. TOOL CAL - BACKGROUND
4. TOOL CAL - TEST JIG ON
5. CAL CHECK f = ________________Hz

Schlumberger

SIMULTANEOUS

INDUCTION RESISTIVITY SONIC

ISF - SONIC

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