



County WELD State COLORADO

Elevation

| | |
|------|---------|
| Date | 7-13-22 |
|------|---------|

| | |
|------------|-----|
| Sub Number | ONE |
|------------|-----|

| | |
|---------------|---------|
| Depth Driller | 10,744' |
|---------------|---------|

| | |
|------------------------|-------|
| Bottom Logged Interval | 2600' |
|------------------------|-------|

| | |
|----------------|-------|
| Open Hole Size | 8.75" |
|----------------|-------|

| Density / Viscosity | |
|---------------------|------|
| | H2O |
| | 8.3# |

| | |
|----------------------|---------|
| Estimated Cement Ton | SEE LOG |
| Max. Recorded Temp. | N/A |

| | |
|-----------------|--------|
| Time Well Ready | 1:10PM |
|-----------------|--------|

| | |
|------------------|----------|
| Equipment Number | UNIT 453 |
|------------------|----------|

| | |
|-------------|-----------|
| Recorded By | T. KASPER |
|-------------|-----------|

| | |
|--------------|------------|
| Witnessed By | C. DREILIN |
|--------------|------------|

| Differential Records | | |
|----------------------|-----|---------|
| Run Number | Bit | From To |

[illegible]

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

| Massing Record | Size | V |
|----------------|--------|---|
| Surface String | 9.625" | |

| | | |
|-------------------|----|--|
| Prot. String | 7" | |
| Production String | | |

| | | |
|-------|--|--|
| inner | | |
|-------|--|--|

Comments

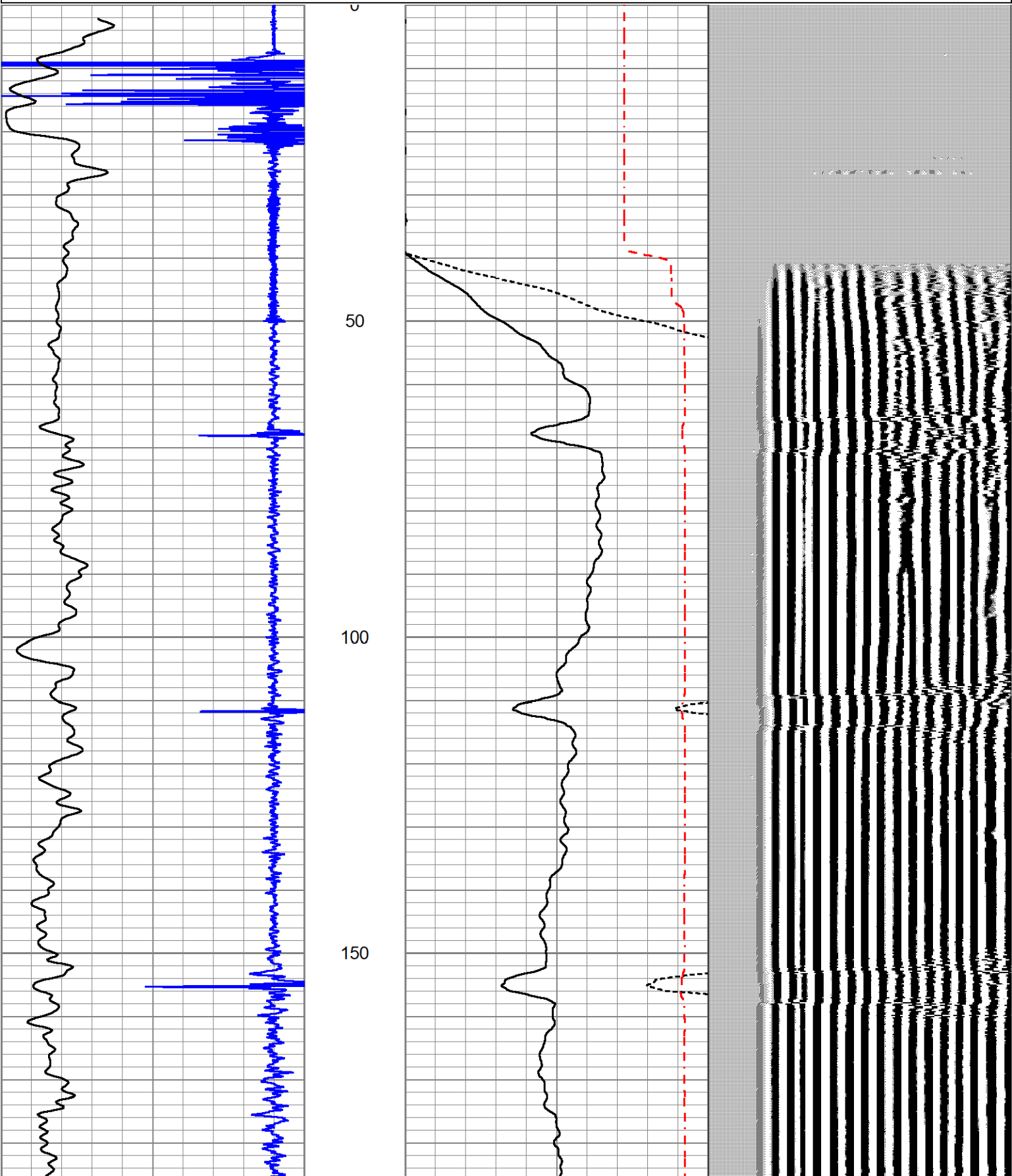
LOG RAN PER COA
ZERO PRESSURE APPLIED

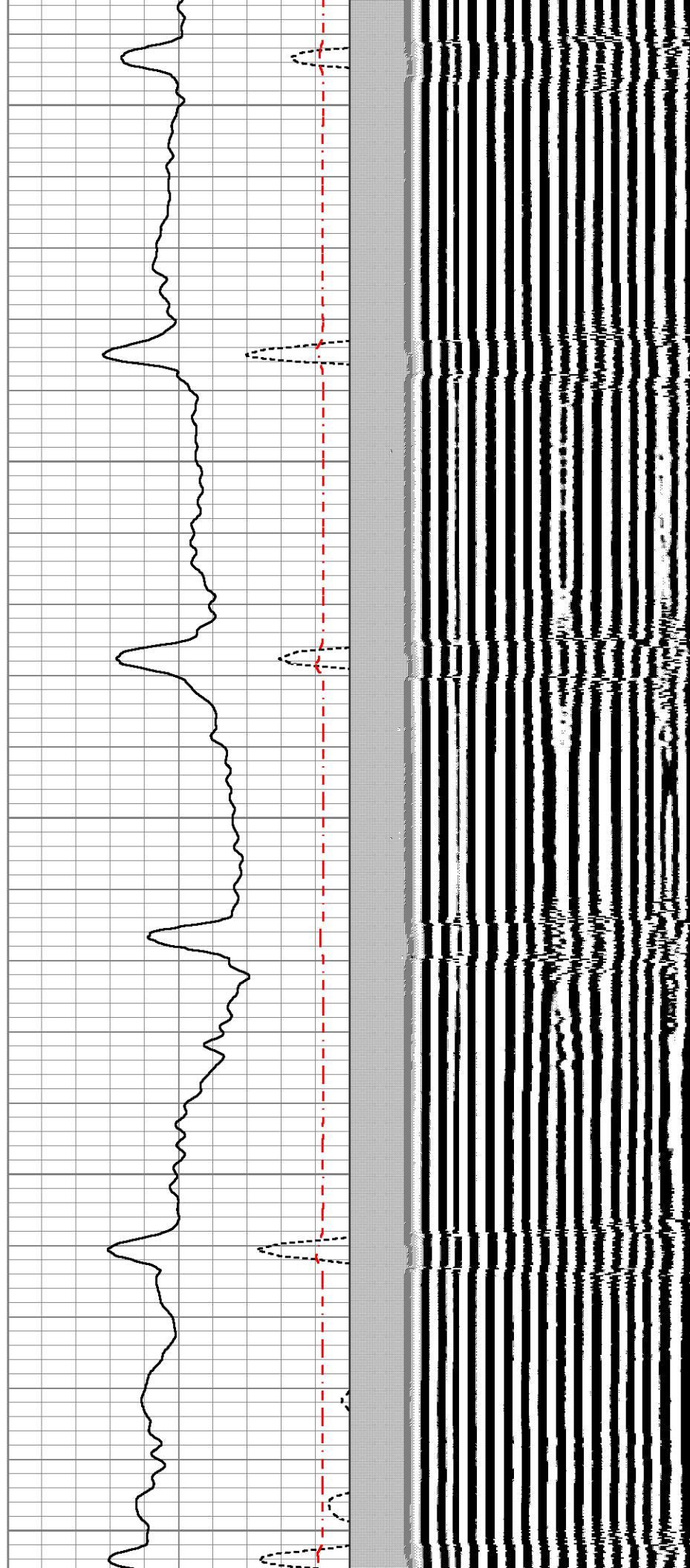
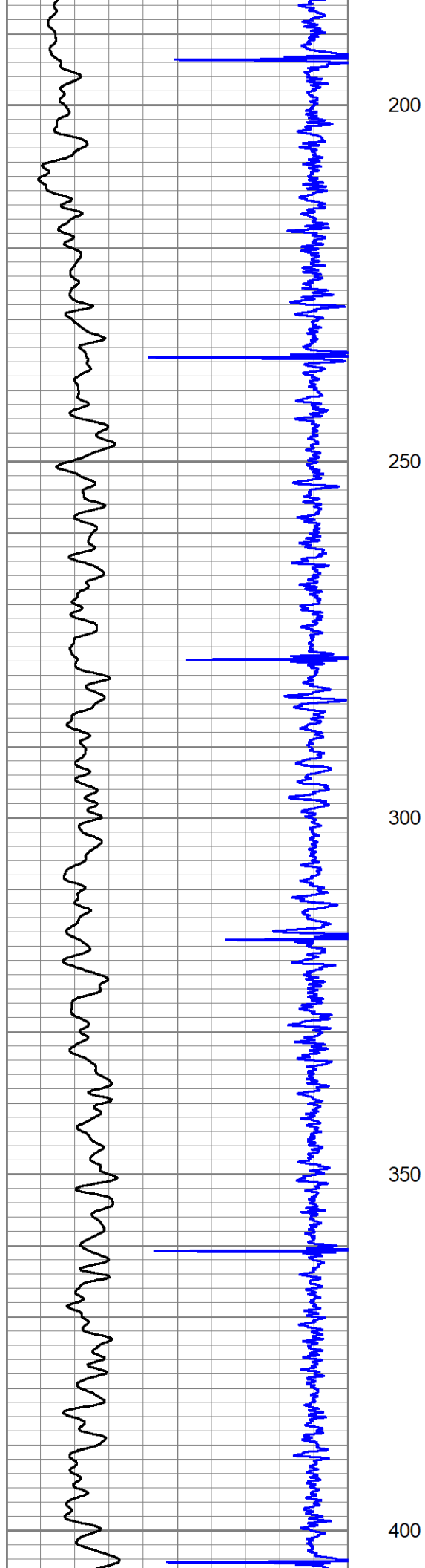
THANK YOU FOR USING A-PLUS WELL SERVICES

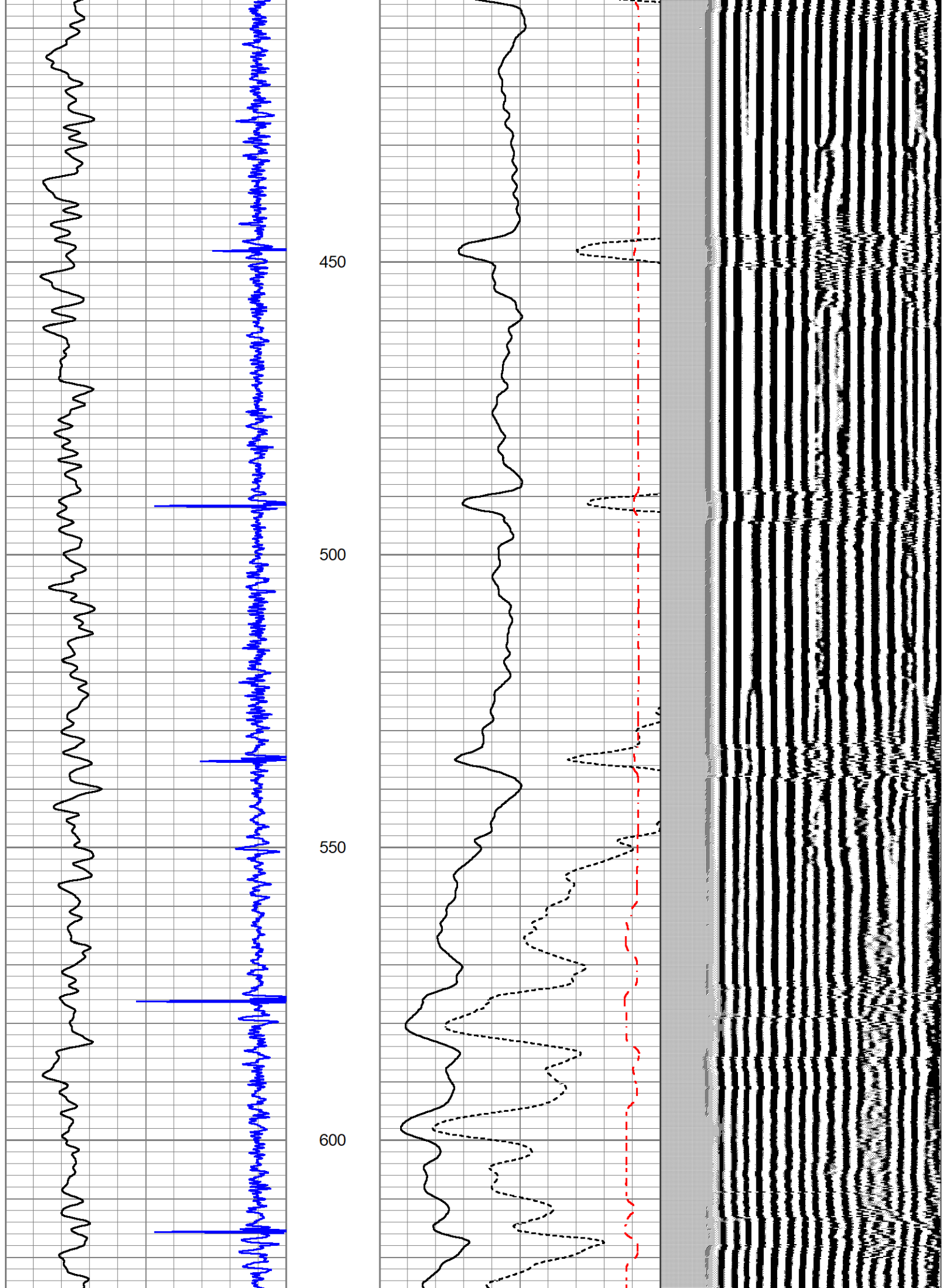


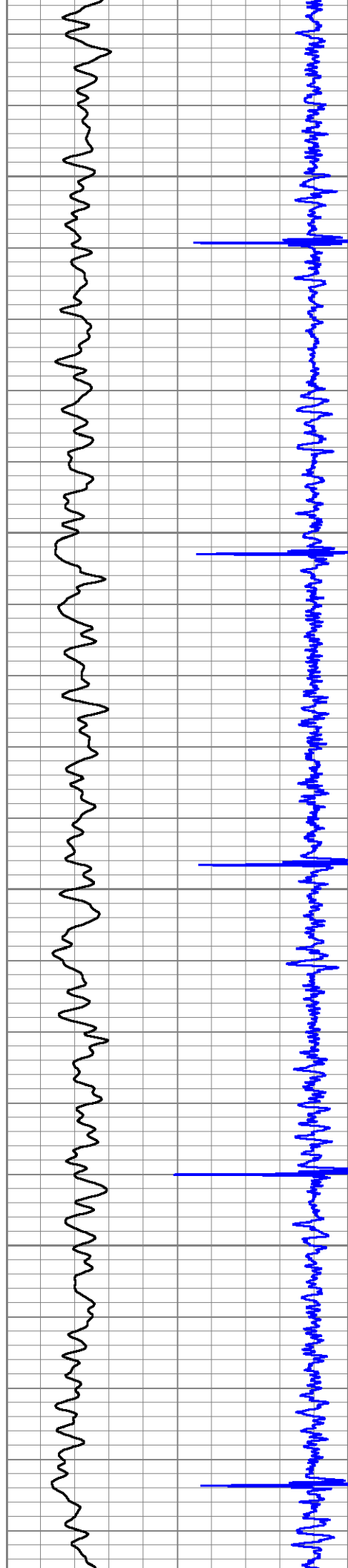
| | |
|---------------------|--------------------------------|
| Database File | 7-13-22 chevron thompson r7.db |
| Dataset Pathname | THOMPSON_C33-69HN/run1/pass24 |
| Presentation Format | cbl_dr |
| Dataset Creation | Wed Jul 13 14:30:22 2022 |
| Charted by | Depth in Feet scaled 1:240 |

| | | | | | | | | |
|---|------------------|-----|------|--------------------------|-----|-----|------------|------|
| 9 | Collar Locator | -1 | 0 | Amplified Amplitude (mV) | 40 | 200 | VDL (usec) | 1200 |
| 0 | Gamma Ray (GAPI) | 250 | 0 | Amplitude (mV) | 100 | | | |
| | | | 1200 | TT3FT (usec) | 200 | | | |







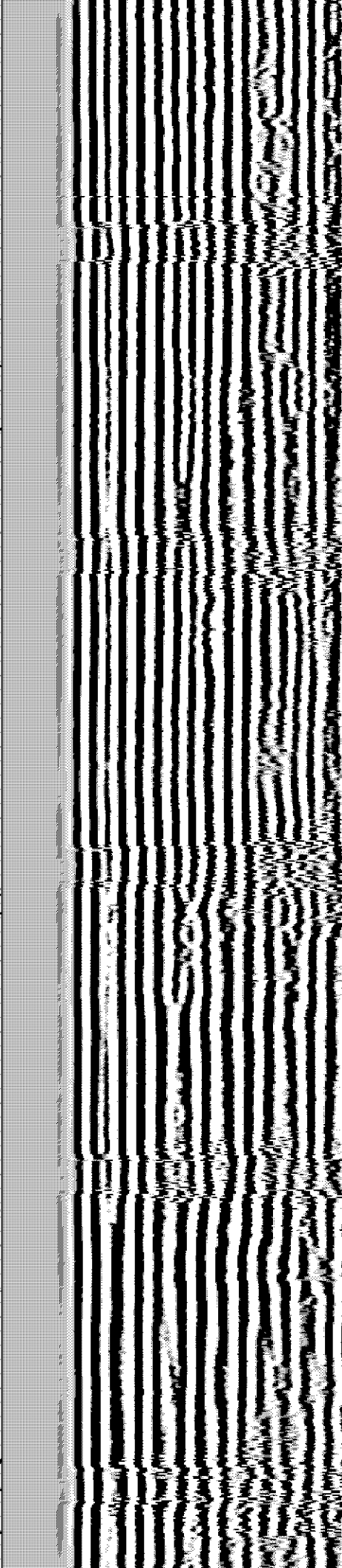
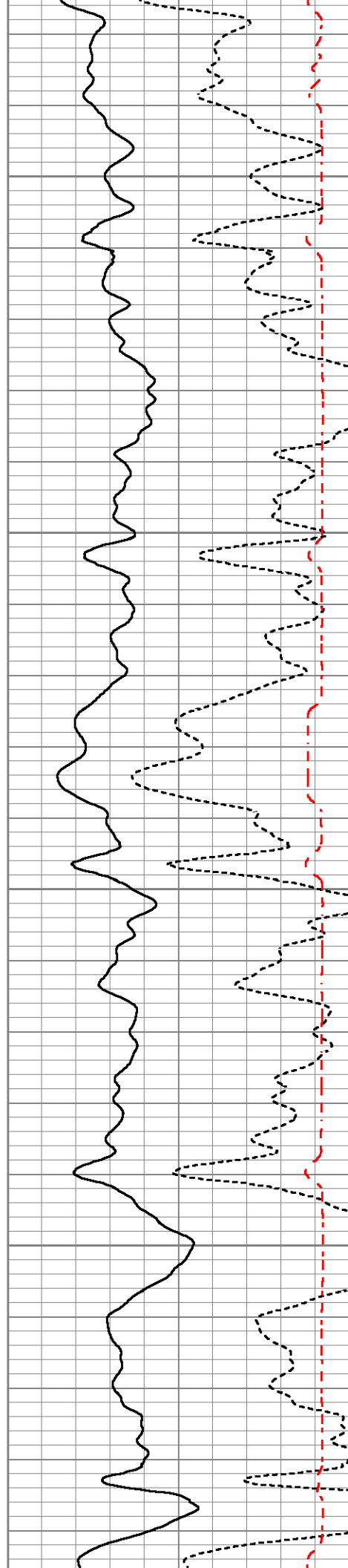


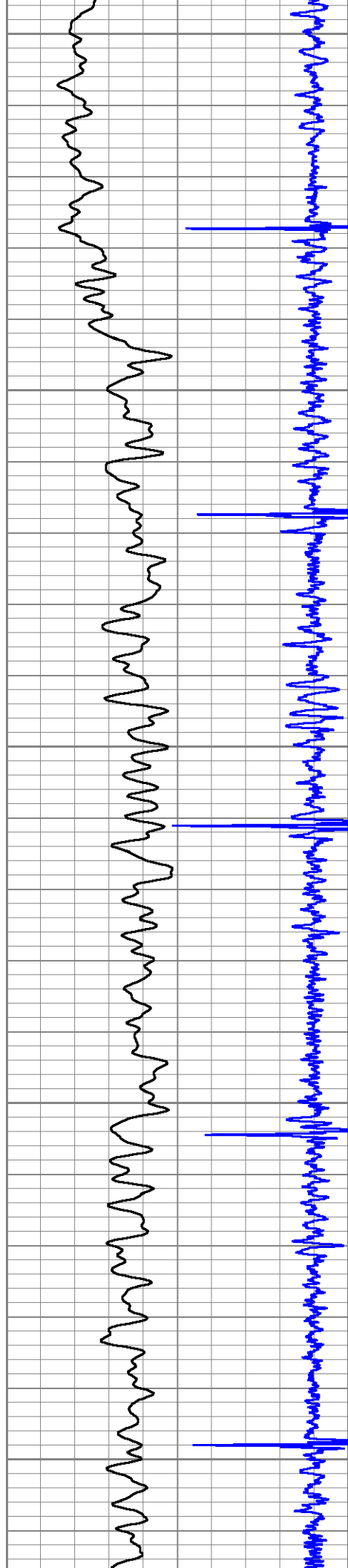
650

700

750

800





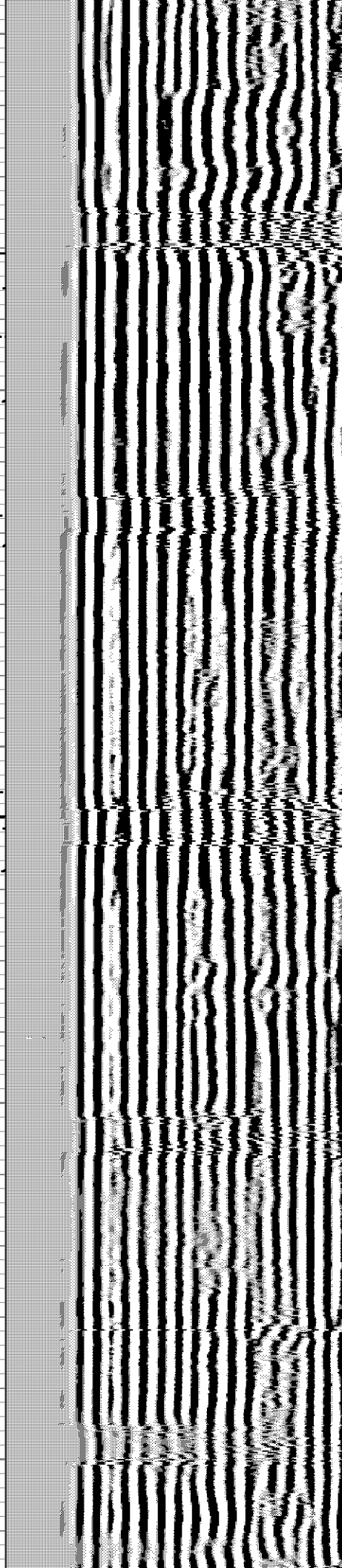
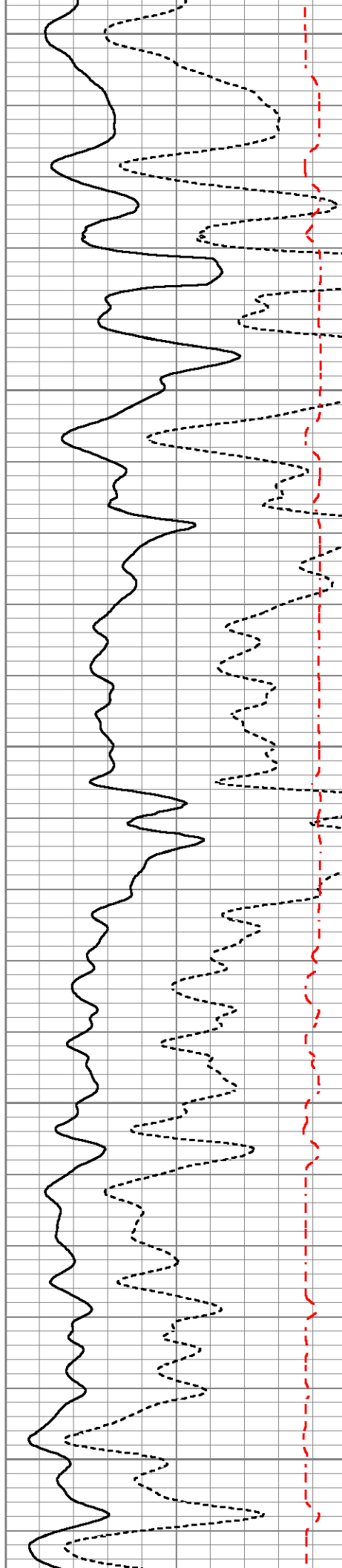
850

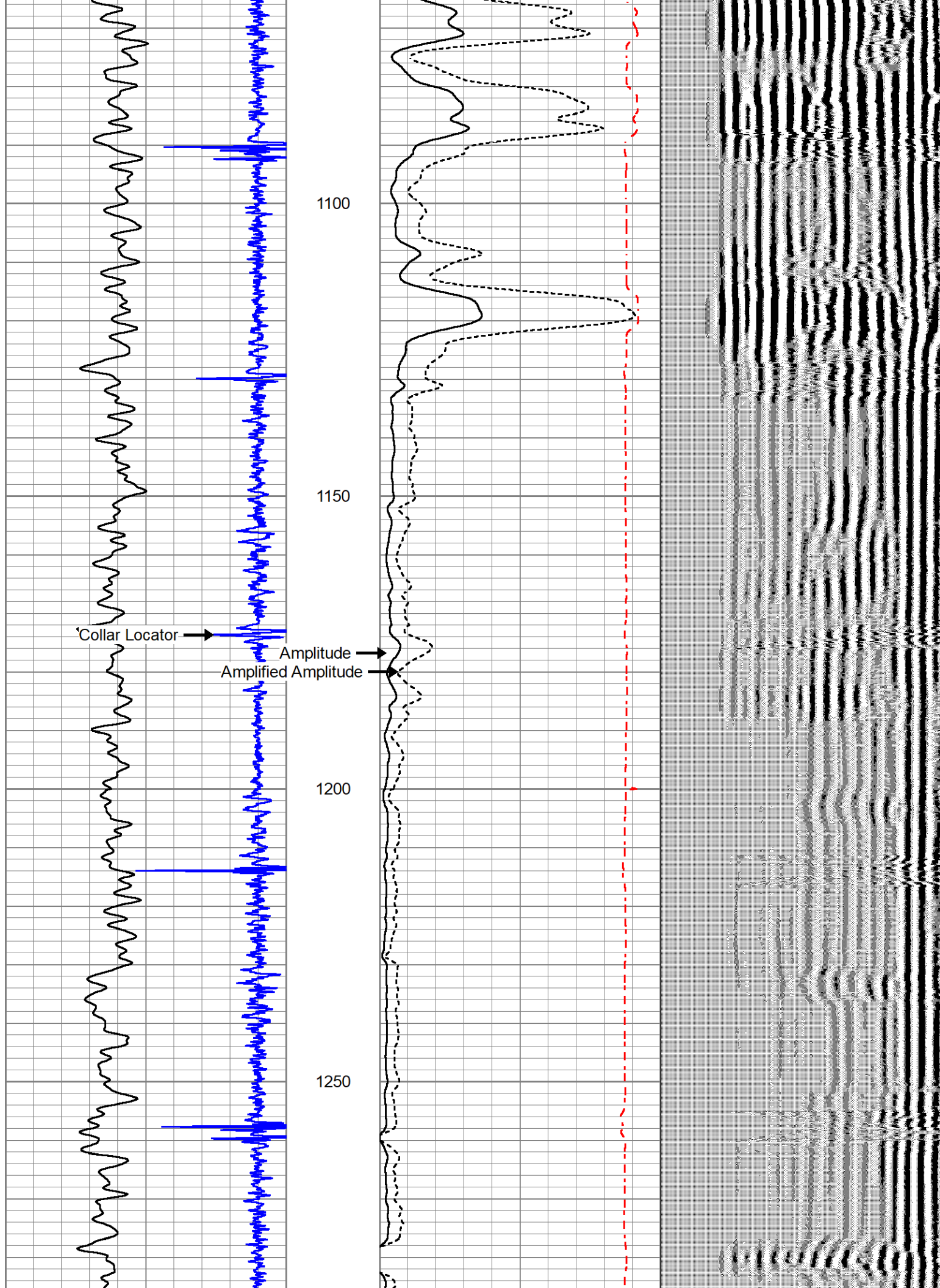
900

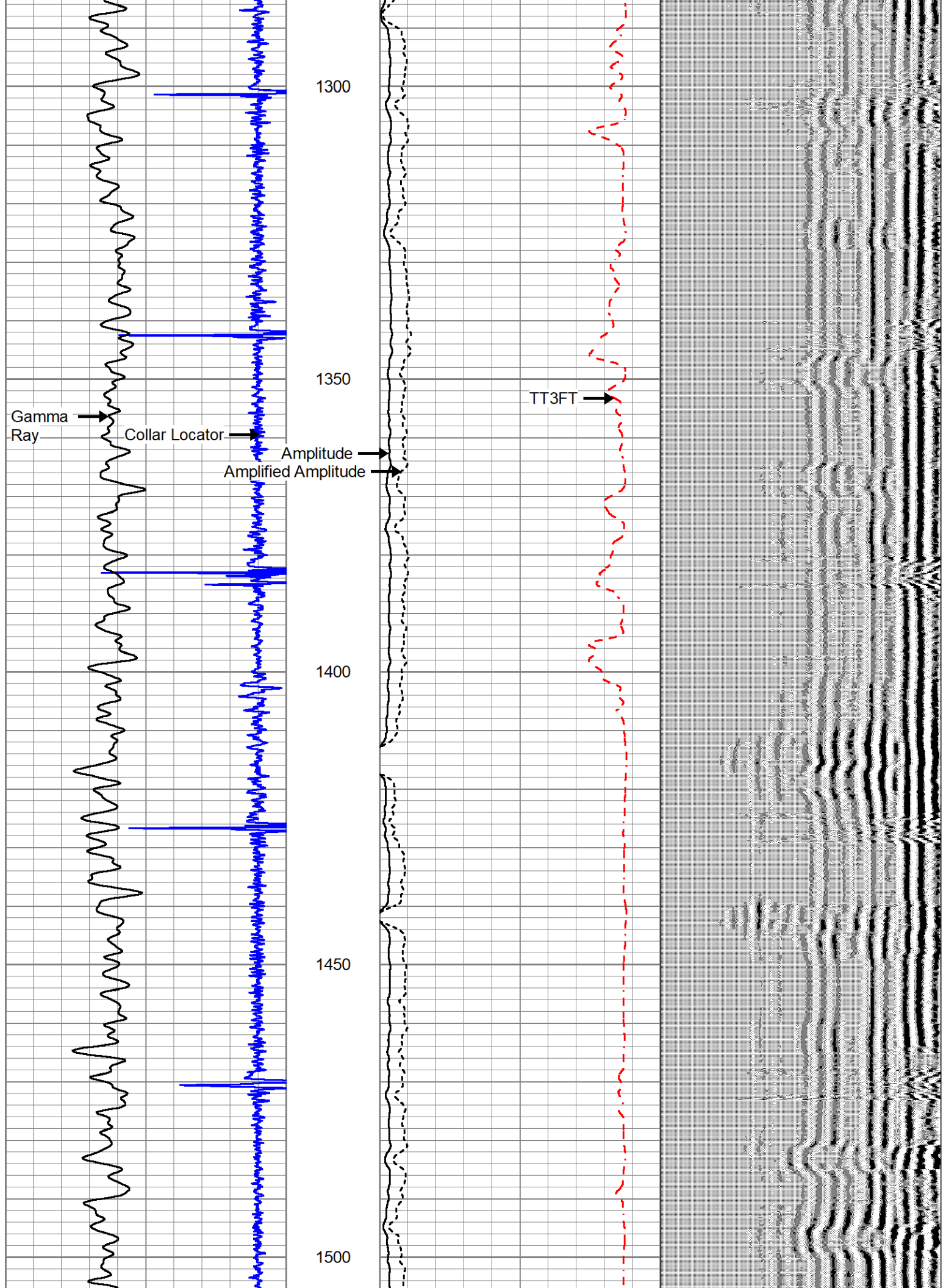
950

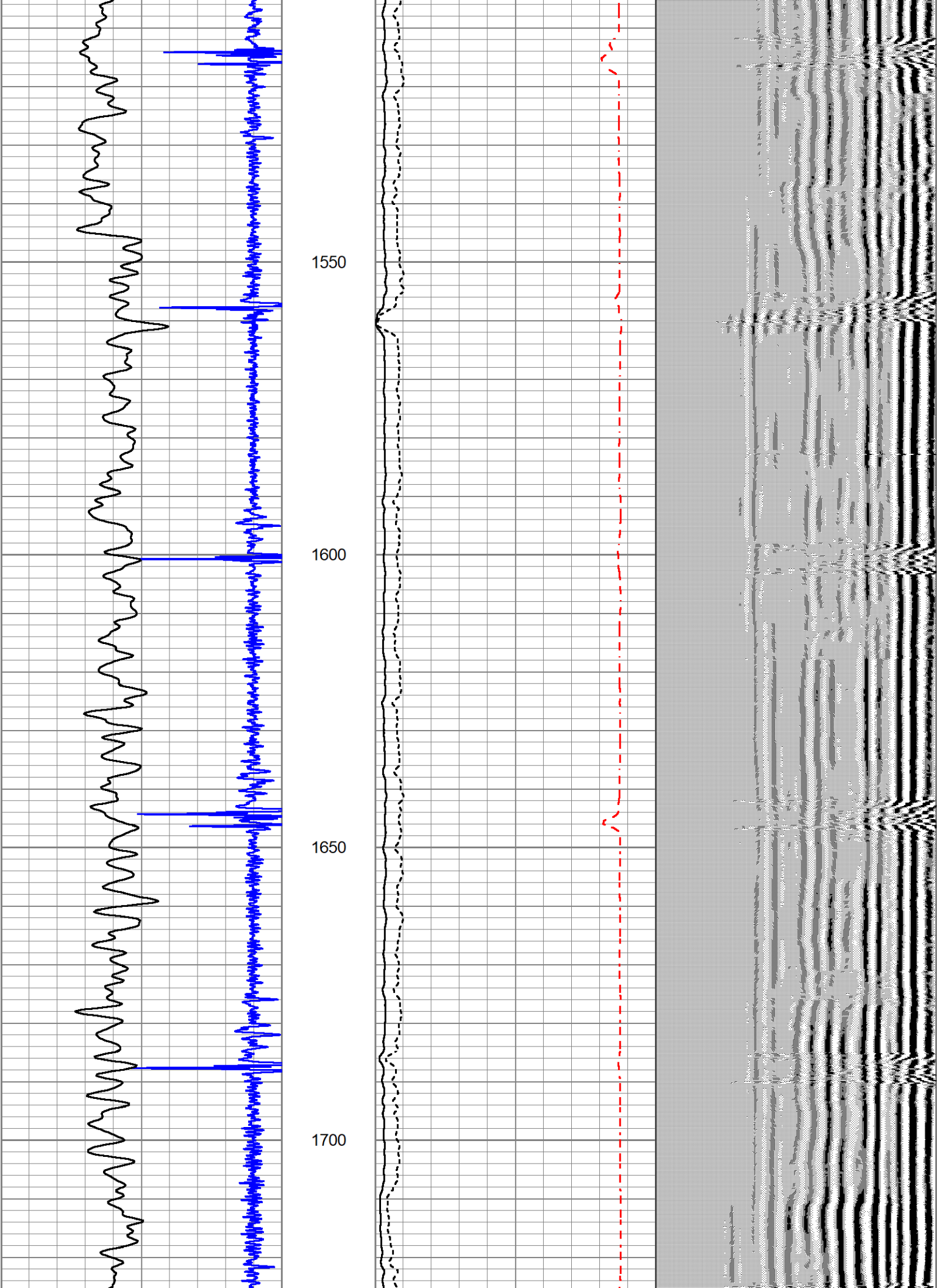
1000

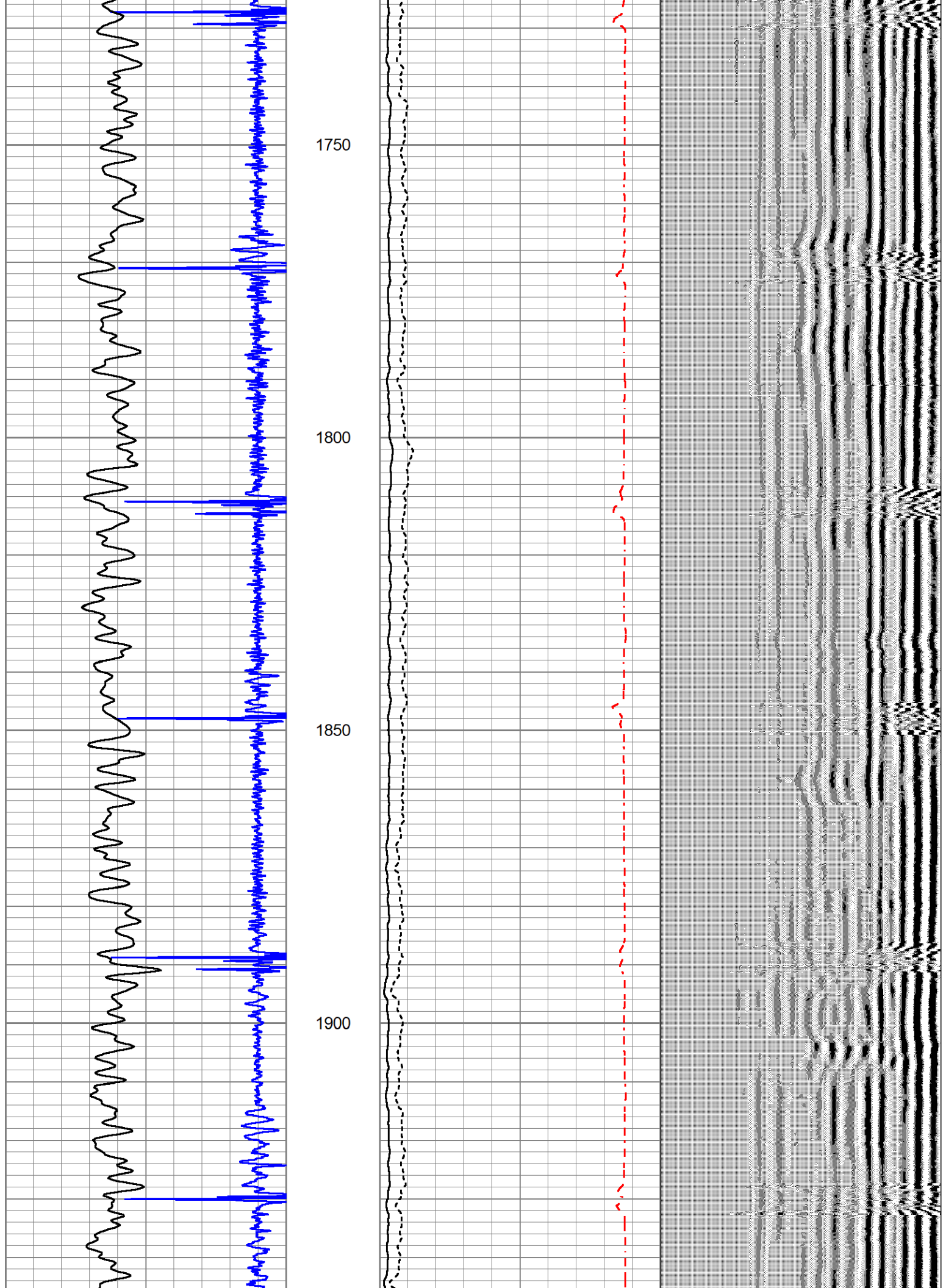
1050

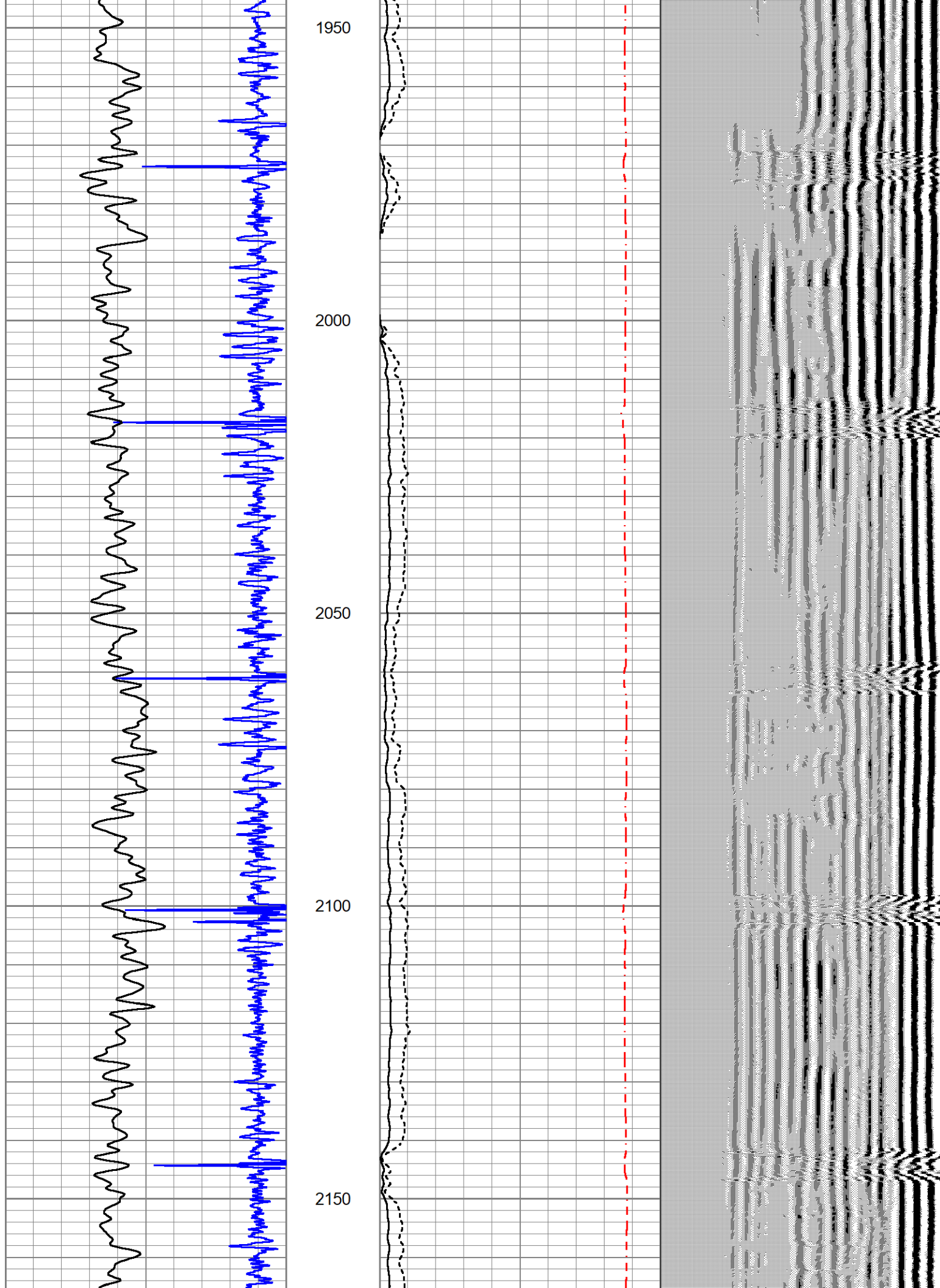


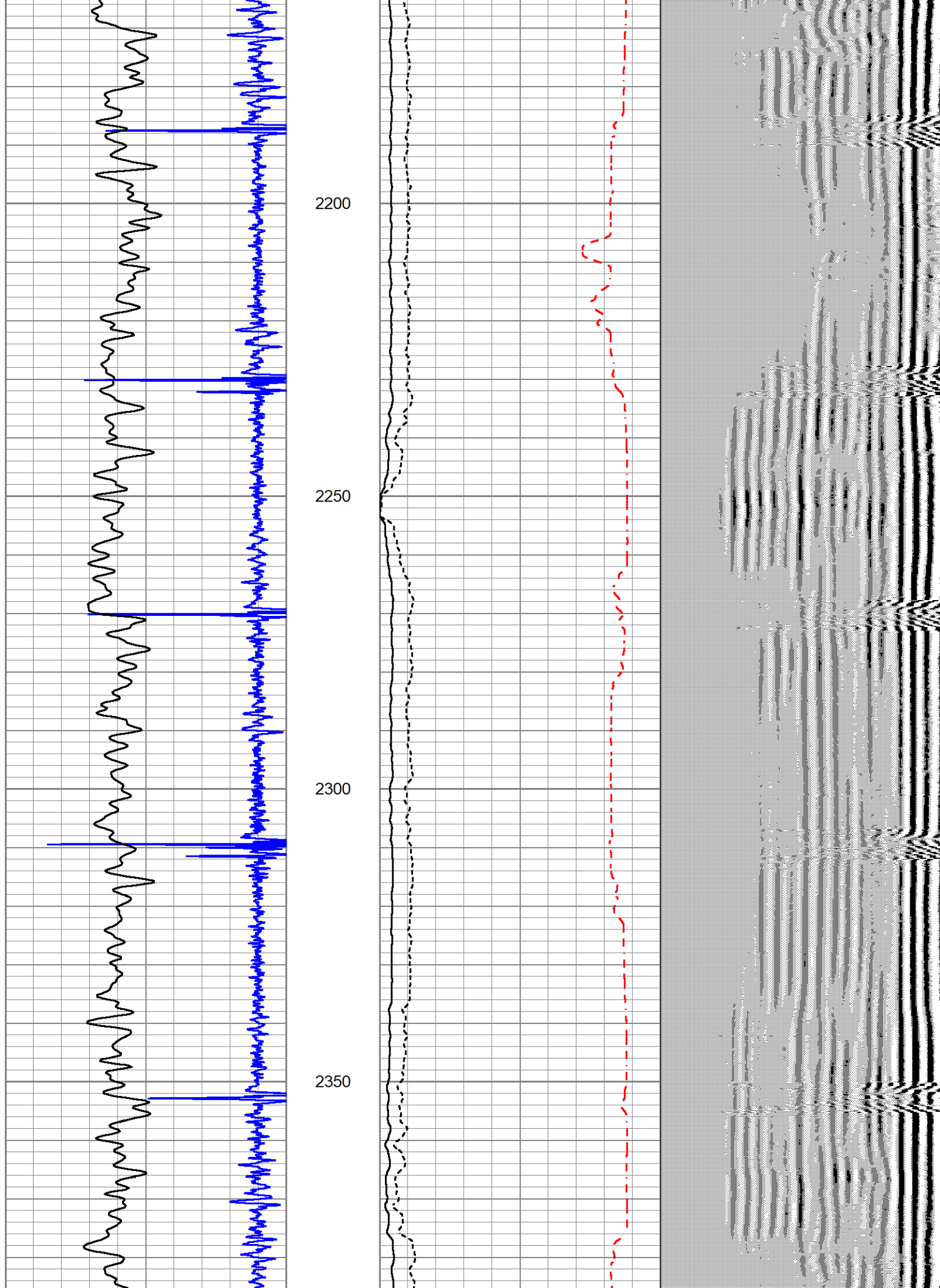


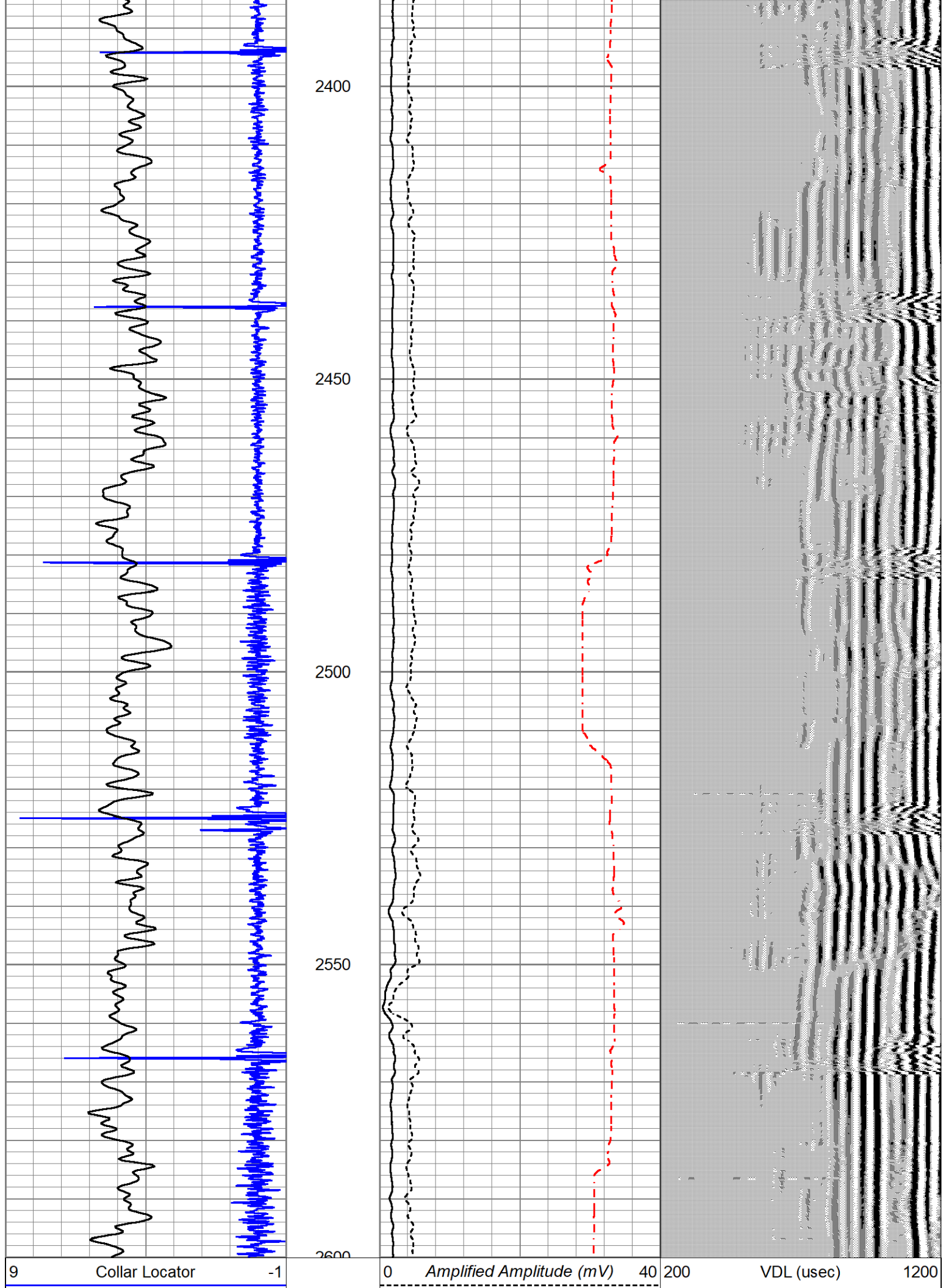












| | | |
|---|------------------|-----|
| 0 | Gamma Ray (GAPI) | 250 |
|---|------------------|-----|

| | | |
|------|----------------|-----|
| 0 | Amplitude (mV) | 100 |
| 1200 | TT3FT (usec) | 200 |



REPEAT PASS

Database File

7-13-22 chevron thompson r7.db

Dataset Pathname

THOMPSON_C33-69HN/run1/pass20

Presentation Format

cbl_dr

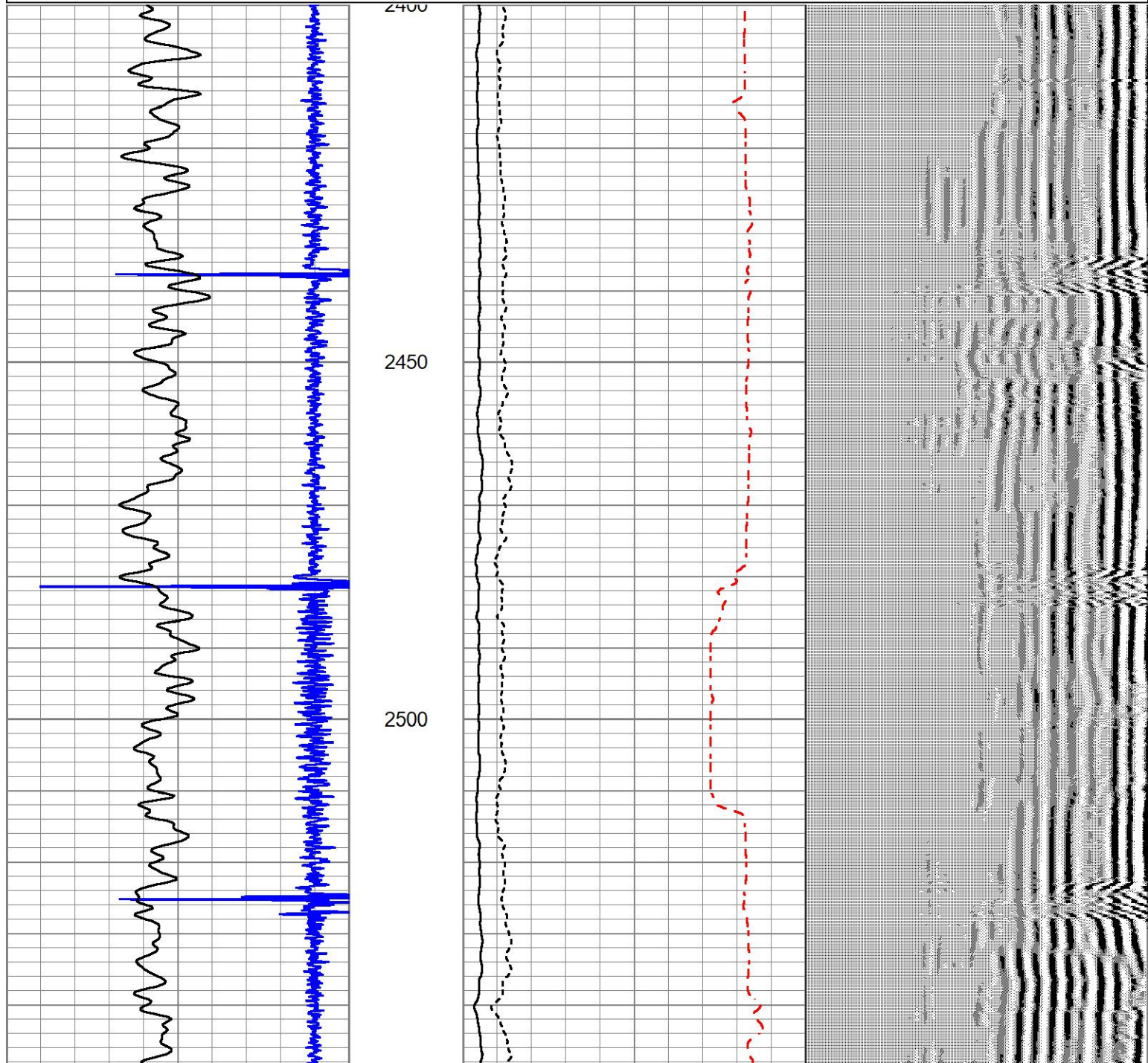
Dataset Creation

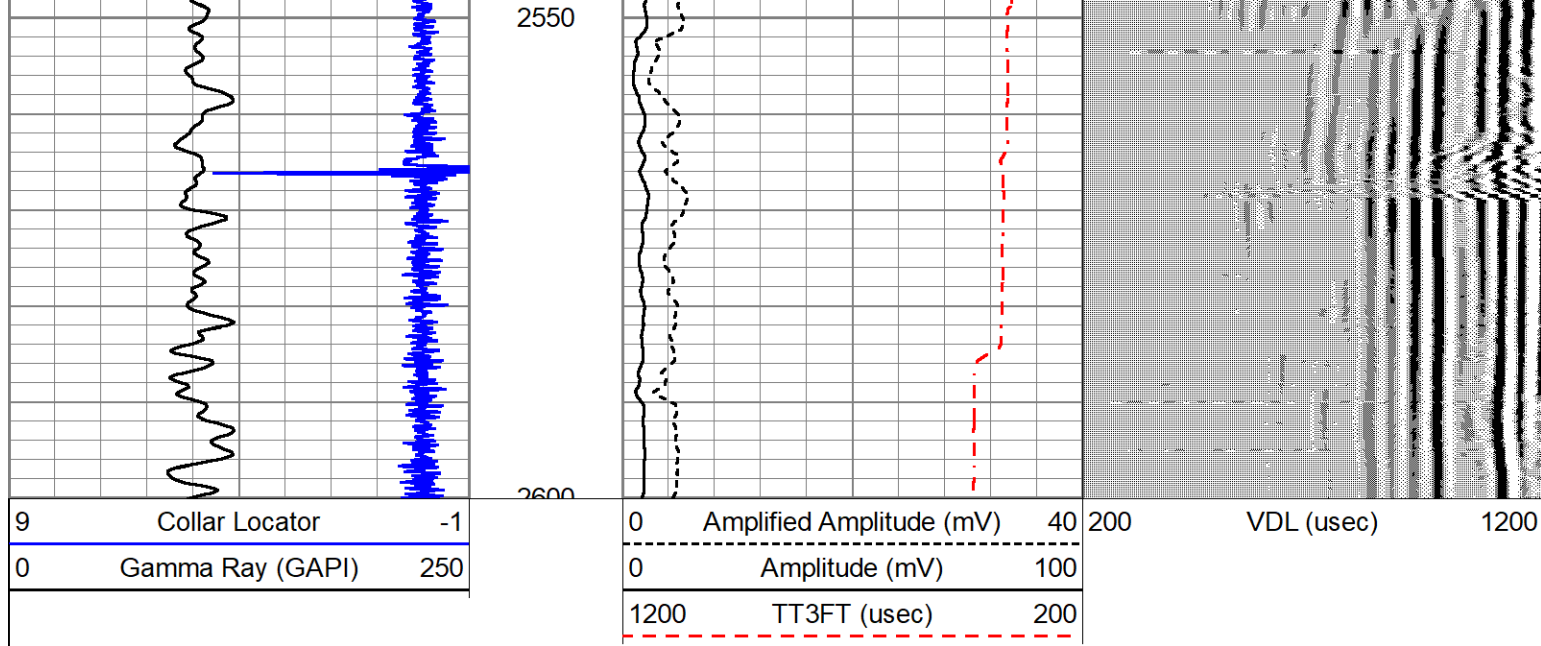
Wed Jul 13 13:53:49 2022

Charted by

Depth in Feet scaled 1:240

| | | | | | | | | |
|---|------------------|-----|------|--------------------------|-----|-----|------------|------|
| 9 | Collar Locator | -1 | 0 | Amplified Amplitude (mV) | 40 | 200 | VDL (usec) | 1200 |
| 0 | Gamma Ray (GAPI) | 250 | 0 | Amplitude (mV) | 100 | | | |
| | | | 1200 | TT3FT (usec) | 200 | | | |





Log Variables

DatabaseC:\ProgramData\Warrior\Data\7-13-22 chevron thompson r7.db
Dataset field/THOMPSON_C33-69HN/run1/pass20/_vars_

Top - Bottom

| | | | | | | | |
|-----------------------|------------------------|----------------------|---------------------|-------------------------|--------------------|--------------------|-------------------------|
| BOREID in 7.875 | BOTTEMP degF 100 | CASEOD in 7 | CASETHCK in 0 | CASEWGHT lb/ft 26 | MAXAMPL mV 0 | MINAMPL mV 1 | MINATTN db/ft 0.8 |
| PERFS No | PPT usec 0 | SRFTEMP degF 0 | TDEPTH ft 0 | | | | |

Calibration Report

Database File 7-13-22 chevron thompson r7.db
Dataset Pathname THOMPSON_C33-69HN/run1/pass24
Dataset Creation Wed Jul 13 14:30:22 2022

Gamma Ray Calibration Report

Type / Serial: Probe275dig / pr051113

SHOP CALIBRATION

Mon Oct 22 13:45:45 2018

| | | | | | |
|------------|-------------|--------|--------|-----|----------|
| | Counts/Sec. | Gain | Offset | Jig | Units |
| Background | 0.0 | | | | cps |
| Calibrator | 1.0 | | | | cps |
| | | 1.0000 | | | GAPI/cps |

PRIMARY VERIFICATION

| | | | | |
|------------|-----|--|-----|------|
| Background | 0.0 | | | cps |
| Calibrator | 0.0 | | | cps |
| Difference | | | 0.0 | GAPI |

BEFORE SURVEY VERIFICATION

| | | | | |
|------------|-----|--|-----|------|
| Background | 0.0 | | | cps |
| Calibrator | 0.0 | | | cps |
| Difference | | | 0.0 | GAPI |

AFTER SURVEY VERIFICATION

| | | | |
|------------|-----|-----|------|
| Background | 0.0 | | cps |
| Calibrator | 0.0 | | cps |
| Difference | | 0.0 | GAPI |


Segmented Cement Bond Log Calibration Report

| | | | |
|------------------------------|----------|----|--|
| Serial Number: | 275 | | |
| Tool Model: | Probe | | |
| Calibration Casing Diameter: | 7.000 | in | |
| Calibration Depth: | 1330.600 | ft | |

| | | | | | | |
|---|---------|-------|-----------------|--------|---------|--------|
| Master Calibration, performed Wed Jul 13 13:38:57 2022: | | | | | | |
| | Raw (v) | | Calibrated (mv) | | Results | |
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3' | -0.001 | 0.853 | 2.000 | 62.165 | 70.423 | 2.086 |
| CAL | | | | | | |
| 5' | -0.001 | 0.907 | 2.000 | 62.165 | 66.269 | 2.086 |
| SUM | | | | | | |
| S1 | | | | | | |
| S2 | | | | | | |
| S3 | | | | | | |
| S4 | | | | | | |
| S5 | | | | | | |
| S6 | | | | | | |
| S7 | | | | | | |
| S8 | | | | | | |

| | | | | | | |
|--|---------|-----|----------------|-----|---------|--------|
| Internal Reference Calibration, performed (Not Performed): | | | | | | |
| | Raw (v) | | Calibrated (v) | | Results | |
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CAL | | | | | | |

| | | | | | | |
|---|---------|--|----------------|--|---------|--|
| Air Zero Calibration, performed Wed May 16 07:39:51 2018: | | | | | | |
| | Raw (v) | | Calibrated (v) | | Results | |
| | Zero | | Zero | | Offset | |
| 3' | 0.000 | | 0.000 | | 0.000 | |
| 5' | 0.000 | | 0.000 | | 0.000 | |
| SUM | | | | | | |
| S1 | | | | | | |
| S2 | | | | | | |
| S3 | | | | | | |
| S4 | | | | | | |
| S5 | | | | | | |
| S6 | | | | | | |
| S7 | | | | | | |
| S8 | | | | | | |

| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb) |
|--------|-------------|---|-------------------|-------------|-----------|-------------|
| | |  | CS6CENT-CSSROLLER | 3.46 | 1.69 | 4.41 |

Dataset: 7-13-22 chevron thompson r7.db: field/THOMPSON_C33-69HN/run1/pass24
Total length: 21.73 ft
Total weight: 125.82 lb
O.D.: 2.75 in