

CROCKER

DATA PROCESSING

WEABER-2A

Composite Logs

| | |
|--------------------------|-----------------------|
| Company | SANTOS LIMITED |
| Well Name | WEABER-2A |
| Field | WILDCAT |
| Nation | AUSTRALIA |
| State | N.T. |
| County or Rig name | ATCO A-2 |
| Field Location | WEABER PLAINS |
| Field Loc. 1 / Northing | BNT87-409 SP 157 |
| Latitude | 015 20' 51.500" S DMS |
| Longitude | 129 06' 29.600" E DMS |
| Perm. Datum | MSL |
| Elevation Perm. Datum | 0.00 M |
| Elevation KB (wrt EPD) | 17.70 M |
| Elevation DF (wrt EPD) | 17.30 M |
| Elevation GL (wrt EPD) | 12.00 M |
| Elev. Log Zero (wrt EPD) | 17.70 M |
| Above Perm. Datum | 17.70 M |
| Log measured from | KB |
| Other Services Ln 1 | DLL-MSFL-GR |
| Other Services Ln 2 | BHC-GR |
| Other Services Ln 3 | LDL-CNL-GR |
| Other Services Ln 4 | HDT |
| Other Services Ln 5 | CST-GR |
| Other Services Ln 6 | WST |
| Service Order No | SAN-9-1 |
| TD Date | 1657 M |
| Date Plotted | Tuesday, 20 May 2008 |
| Time Plotted | 11:34:09 AM |

Run Information

| | | | | |
|------------|-----------|--|--|--|
| Run number | 1 | | | |
| Log date | 04-SEP-88 | | | |

| | | | | | |
|----------------------------|------------------|--|--|--|--|
| Bottom log interval | 1518.00 M | | | | |
| Top log interval | 5.70 M | | | | |
| Casing-Driller | 467.00 M | | | | |
| Casing-Logger | 467.00 M | | | | |
| Casing Weight | 48.00 LB/F3 | | | | |
| Bit Size | 8.500 INCH | | | | |
| Hole Fluid type | DKCL POLYACRILAM | | | | |
| Fluid Density | 1.130 G/CC | | | | |
| Fluid Viscosity | 42.00 S | | | | |
| Fluid PH | 9 | | | | |
| Fluid Loss | 8.30 C3 | | | | |
| Mud Sample Source | FLOWLINE | | | | |
| RM @ Surface | 0.340 OHMM | | | | |
| Mud temp @ Surface | 29.00 DEGC | | | | |
| RMF @ Surface | 0.289 OHMM | | | | |
| MF temp @ Surface | 24.50 DEGC | | | | |
| RMC @ Surface | 0.290 OHMM | | | | |
| MC temp @ Surface | 27.00 DEGC | | | | |
| Mud Filtrate Sample Source | PRESS | | | | |
| Mud Cake Sample Source | PRESS | | | | |
| Mud temp @ Bottom | 29.00 DEGC | | | | |
| MF temp @ Bottom | 24.50 DEGC | | | | |
| MC temp @ Bottom | 27.00 DEGC | | | | |
| Time circ. stopped | 02:30(6/9) | | | | |
| Time logger at btm | 12:52(6/9) | | | | |
| Surface hole temp | 37.78 DEGC | | | | |
| Bottom hole temp | 93.33 DEGC | | | | |
| Surface temperature | 37.78 DEGC | | | | |
| Max recorded temp | -27795.50 DEGC | | | | |
| Logging unit No | 717 | | | | |
| Logging unit Loc | DWA/MWA | | | | |
| Logging Company ID | 440 | | | | |
| Recorded by | S.SENTOSA/M.ADAM | | | | |
| Witness | J.H | | | | |
| Bore Hole Status | OPEN | | | | |
| Total depth | 1657.00 M | | | | |
| | | | | | |

CALIPER READING USING 3 ARM CALIPER (MCD-D)
PIPS AT LEFT EDGE TRACK DEPTH PER 0.1 M3 HOLE VOLUME
PIPS AT RIGHT EDGE TRACK DEPTH PER 1 MS INT.TRANSIT TIME
MUD CONTAINED 17000 PPM CL-
PIPS AT RIGHT EDGE TRACK DEPTH PER 0.1 M3 CEMENT VOL.
BASED ON 7" CASING.
CALIPER READING DRIFT WITH TEMPERATURE
CYCLE SKIPPING AT 1535 M
TOOL STRING RUN CENTRALIZED WITH CMB-AB
PIPS AT LEFT EDGE TRACK DEPTH PER 0.1 M3 HOLE VOL.

Since well log interpretations are opinions based upon inferences from well logs, we cannot and do not guarantee the correctness or accuracy of any interpretation. Therefore we shall not be liable or responsible for any loss, damage, cost or expense incurred or sustained by anyone resulting from any interpretation.

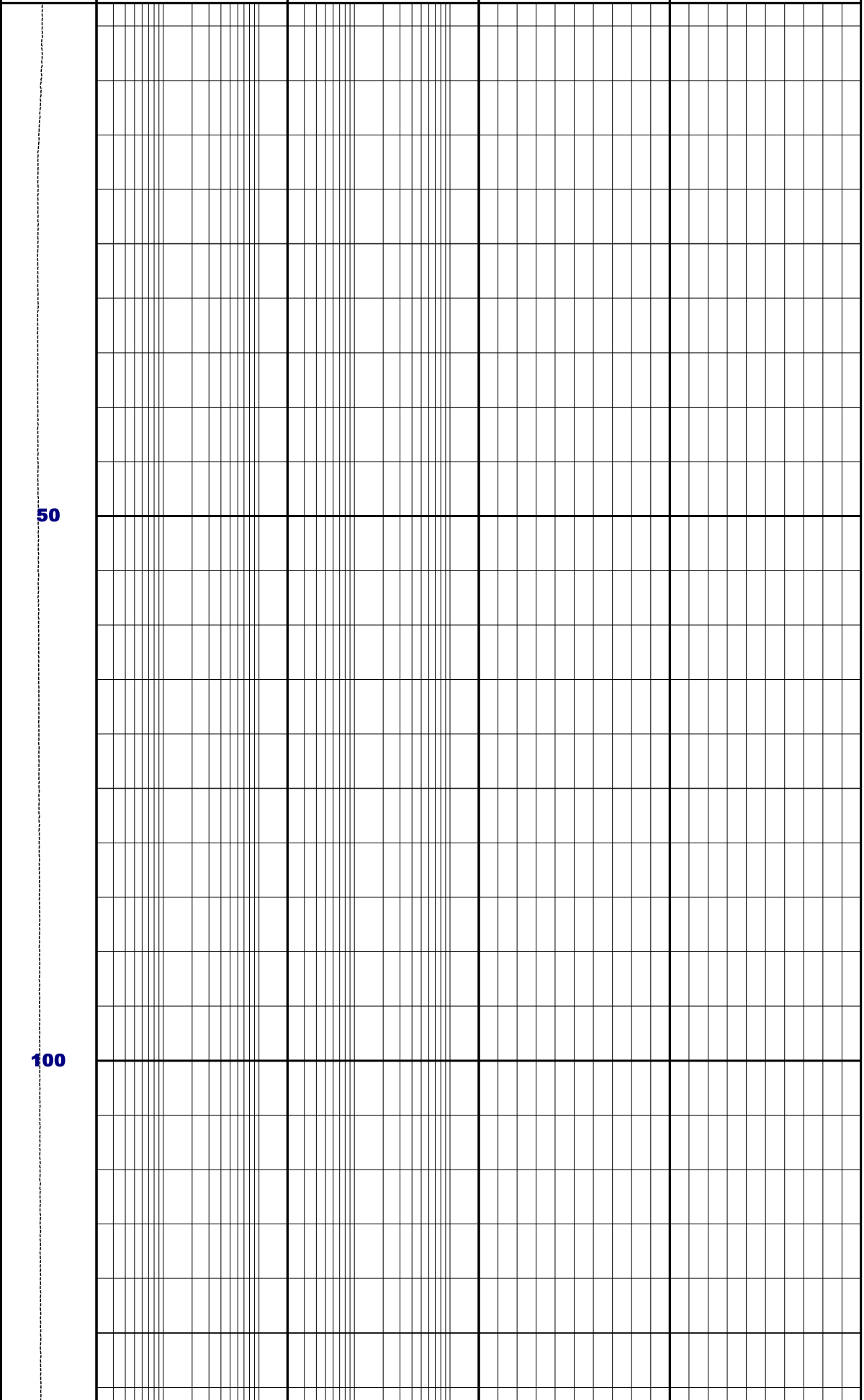
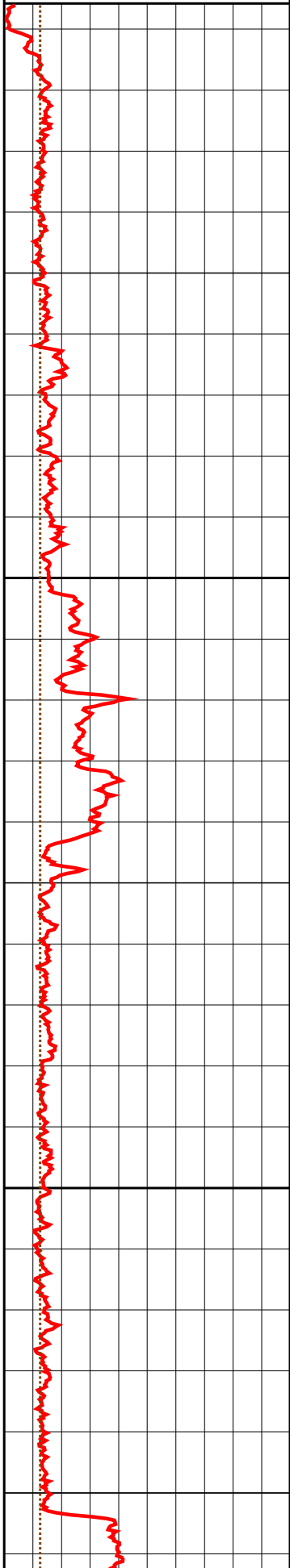
Log Description

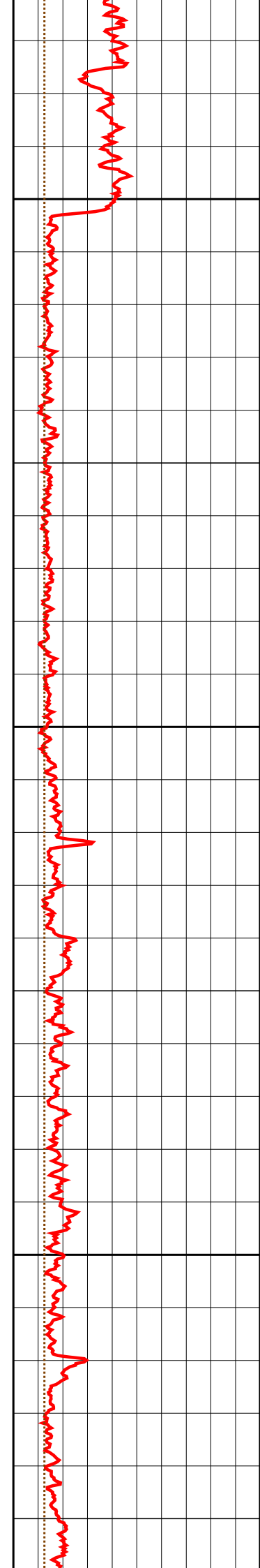
- GR Gamma Ray
- BS Bit Size
- CALI Caliper
- SP Spontaneous Potential Log
- LLD Laterolog Deep Resistivity
- LLS Shallow Laterolog
- MSFL Micro Spherically Focused Log
- RHOB Compensated Formation Density
- NPHI Neutron Porosity
- DT Delta T Compressional

Delta T Compressional
 PEF Photoelectric Factor
 DRHO Density Correction
 TENS Cable tension at surface

| | | | | | | | | | | | | |
|-------|----------------|-------|-------|-----------|--------|-----|-------------|--------|-------|-------------|-------------|------|
| 0.0 | GR (API) | 200.0 | 0.0 | TENS (LB) | 2500.0 | 0.2 | LLD (OHMM) | 2000.0 | 1.95 | RHOB (G/C3) | 2.95 | |
| 6.0 | BS (INCH) | 26.0 | DEPTH | | | 0.2 | LLS (OHMM) | 2000.0 | 0.45 | NPHI (V/V) | -0.15 | |
| 6.0 | CALI (INCH) | 26.0 | M | | | 0.2 | MSFL (OHMM) | 2000.0 | 140.0 | DT (US/F) | 40.0 | |
| -80.0 | SP (MV) | 20.0 | 1:500 | | | | | | | PEF (B/E) | 10.0 | |
| | DEVI-HAZI-P1AZ | | | | | | | | | -0.25 | DRHO (G/C3) | 0.25 |

0.00 10.00

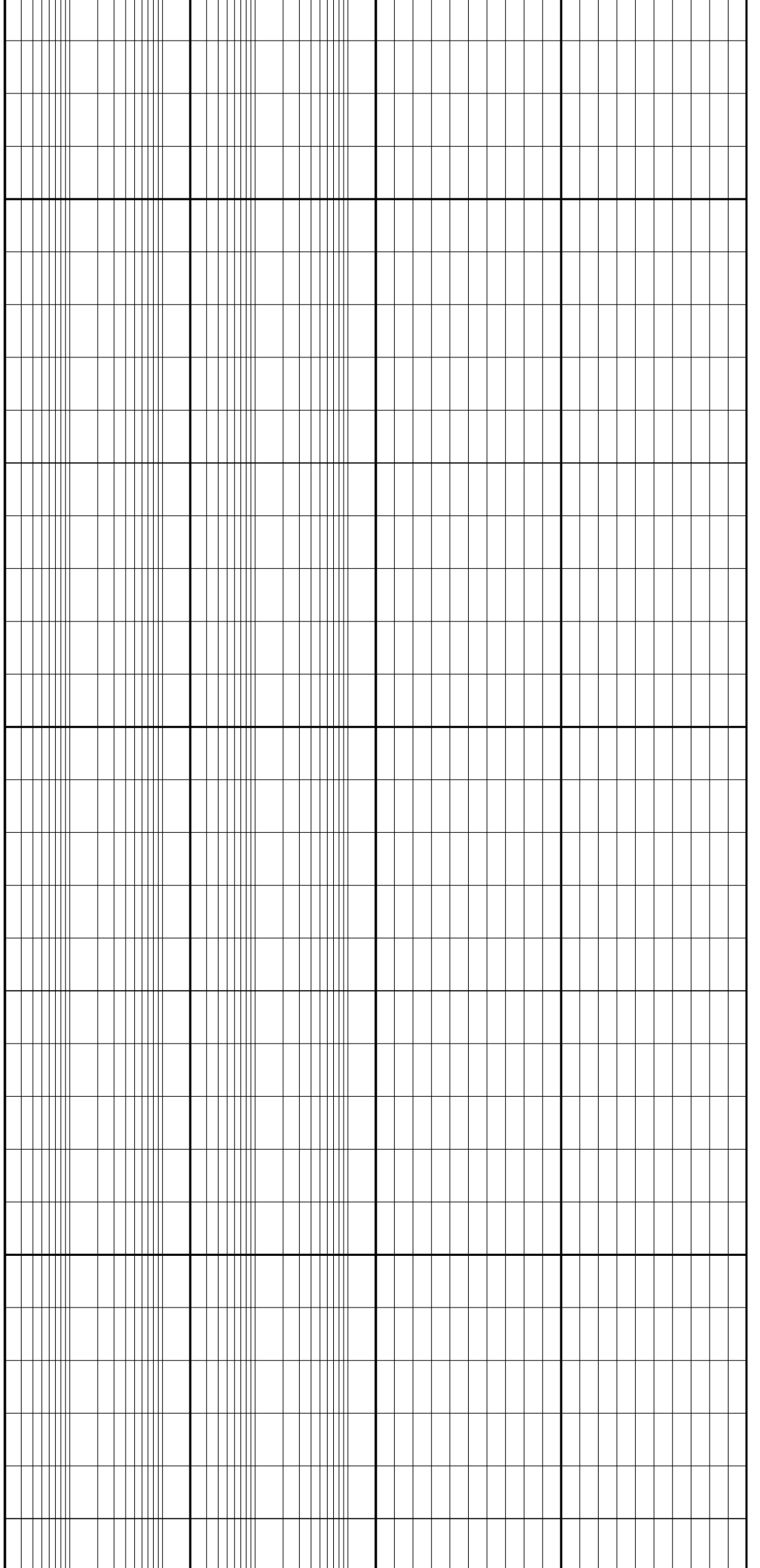


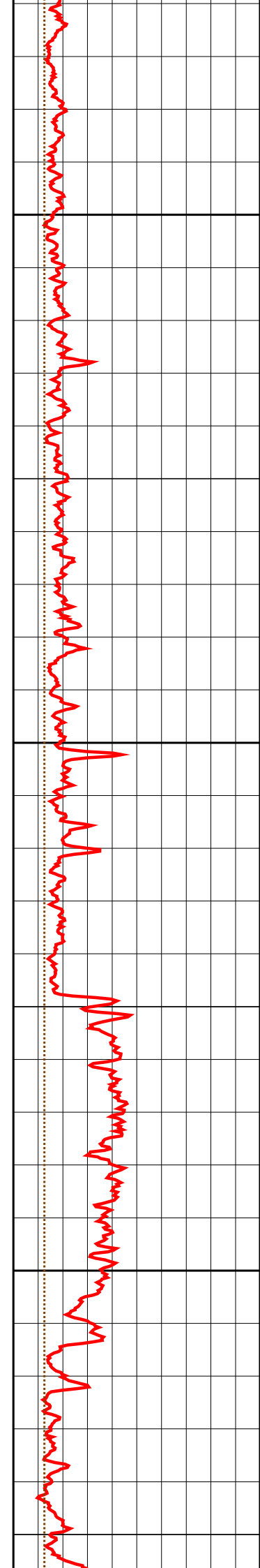


150

200

250

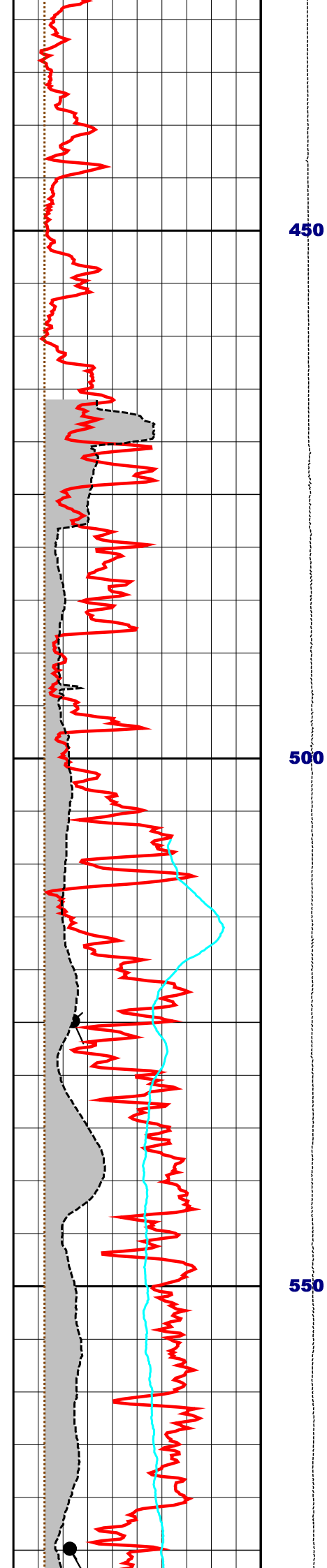




300

350

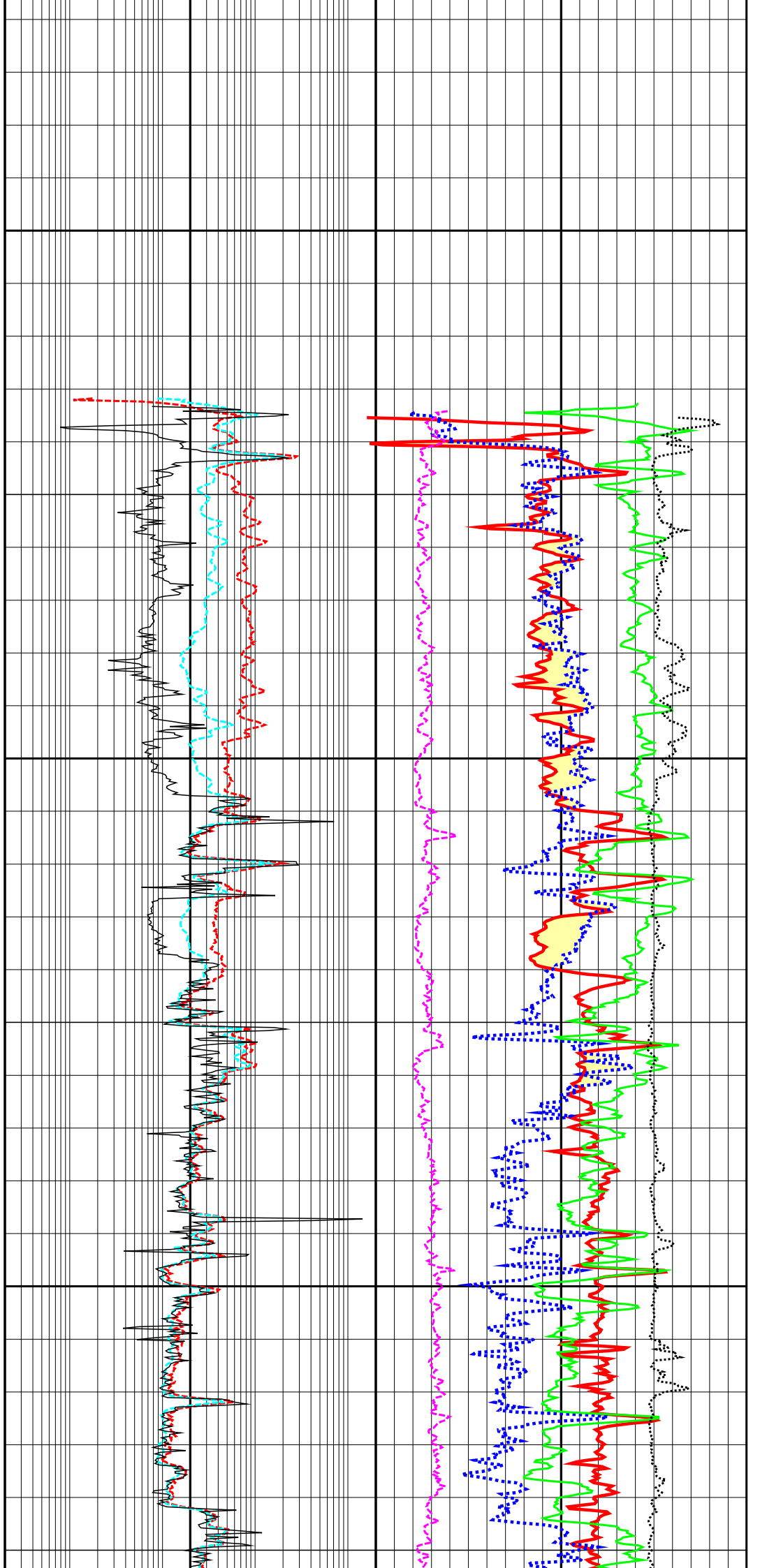
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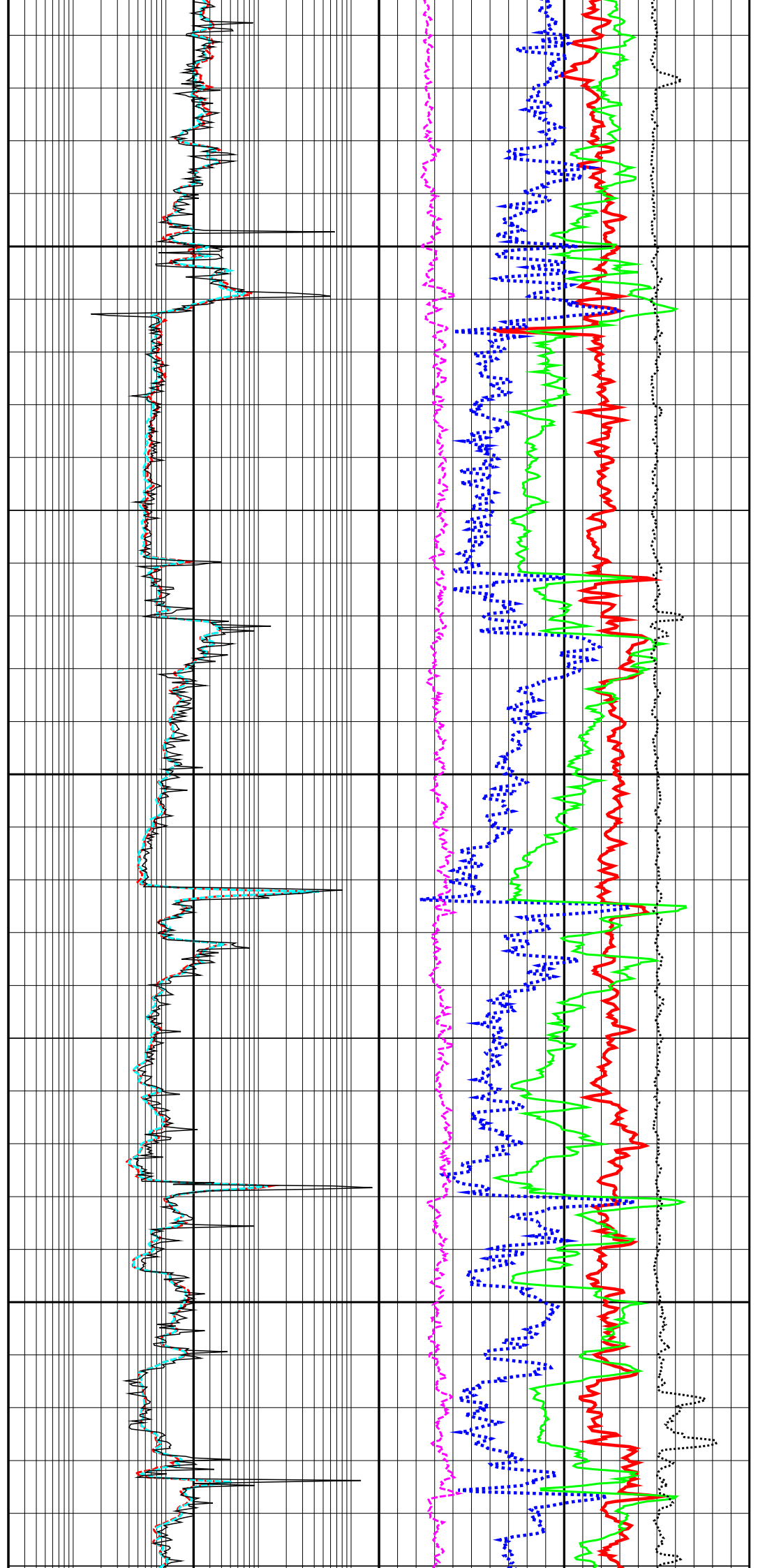
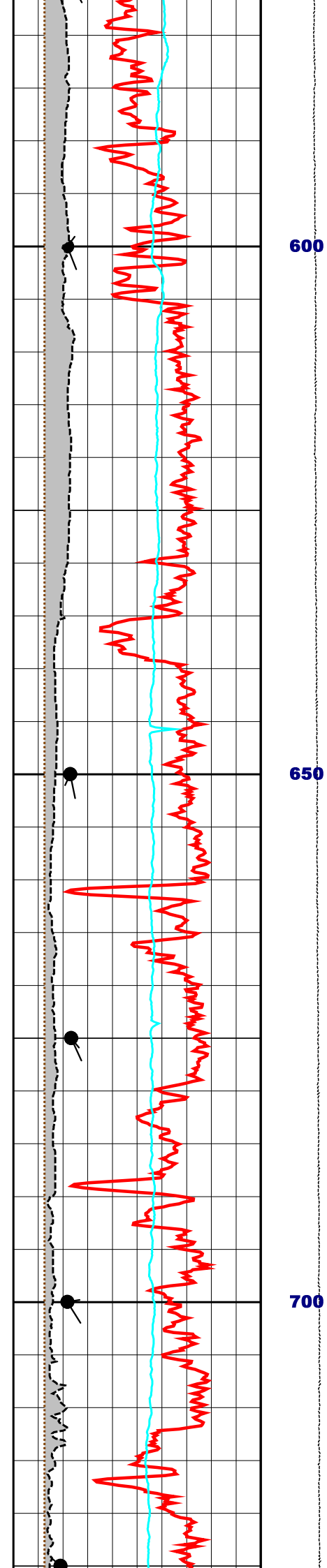


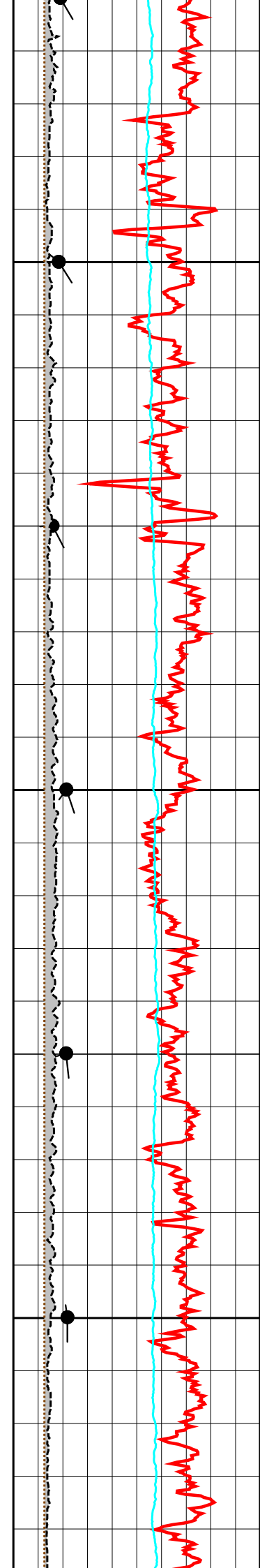
450

500

550



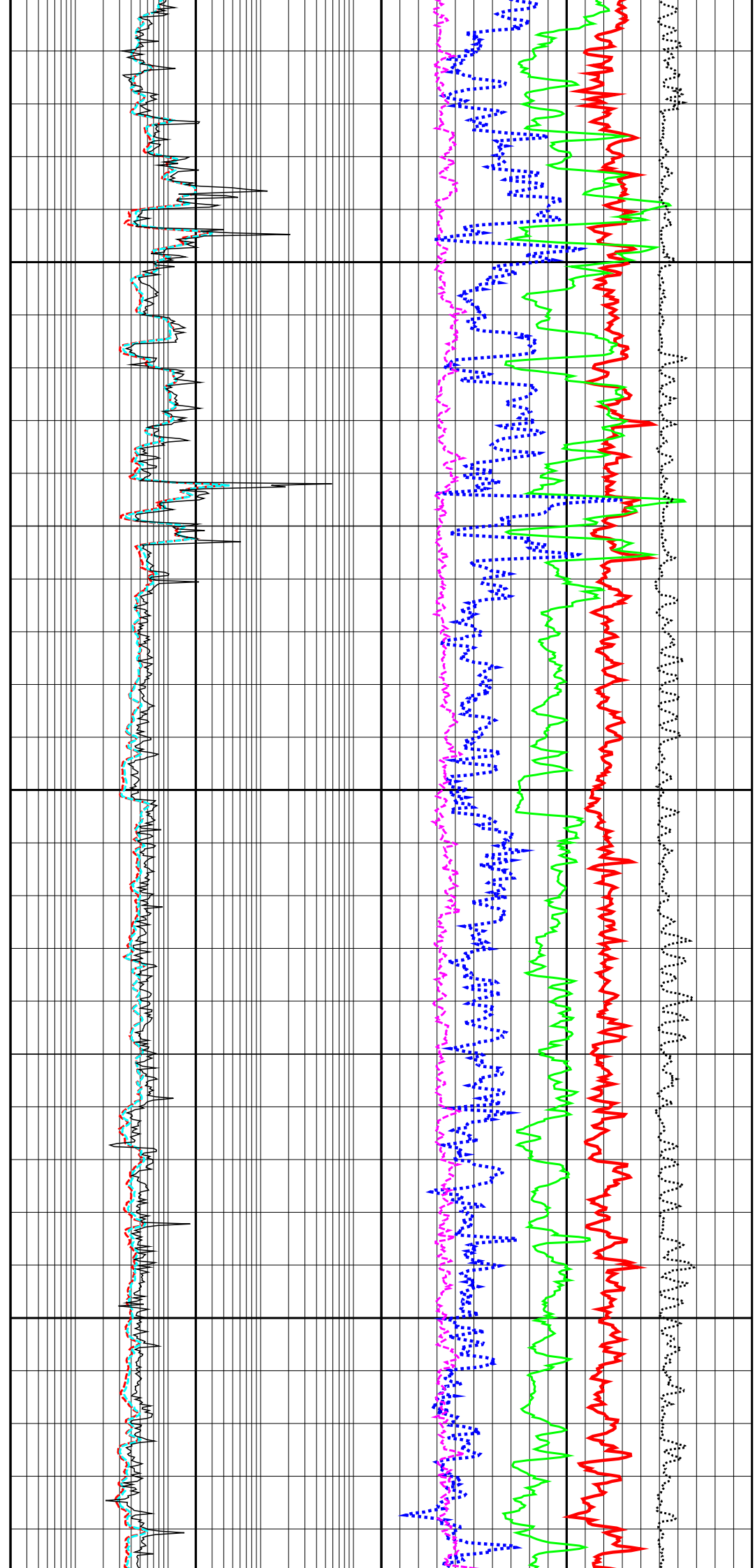


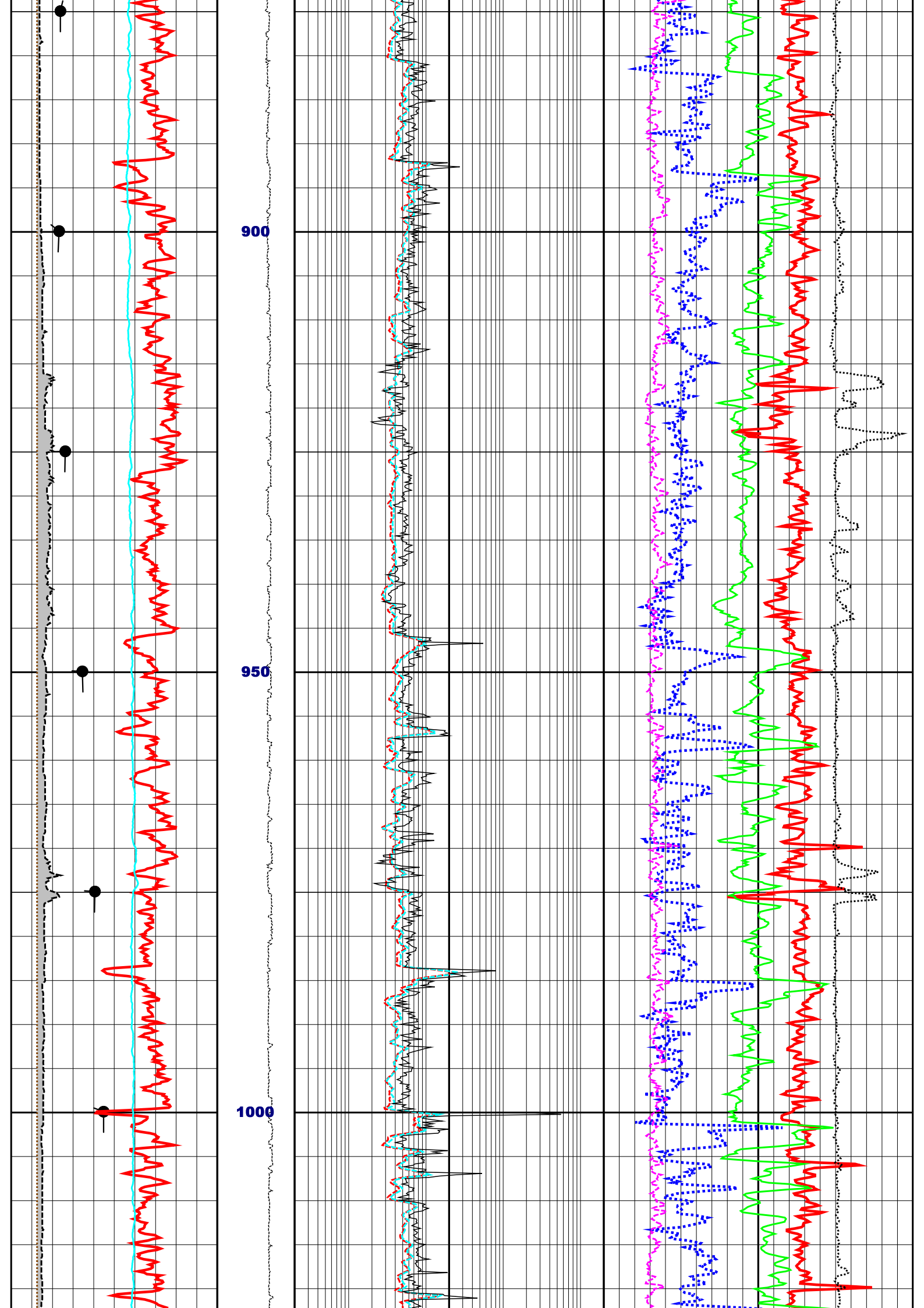


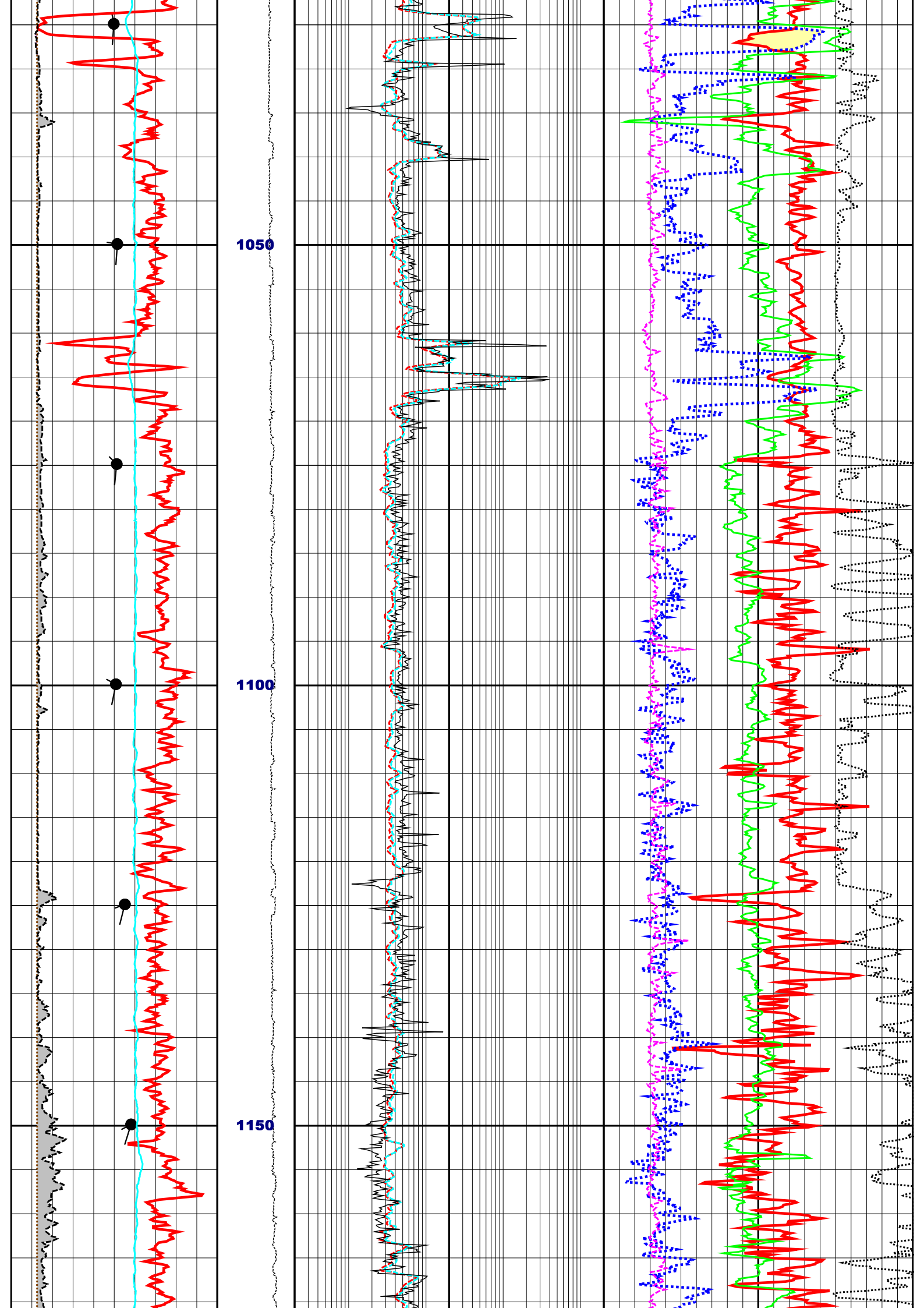
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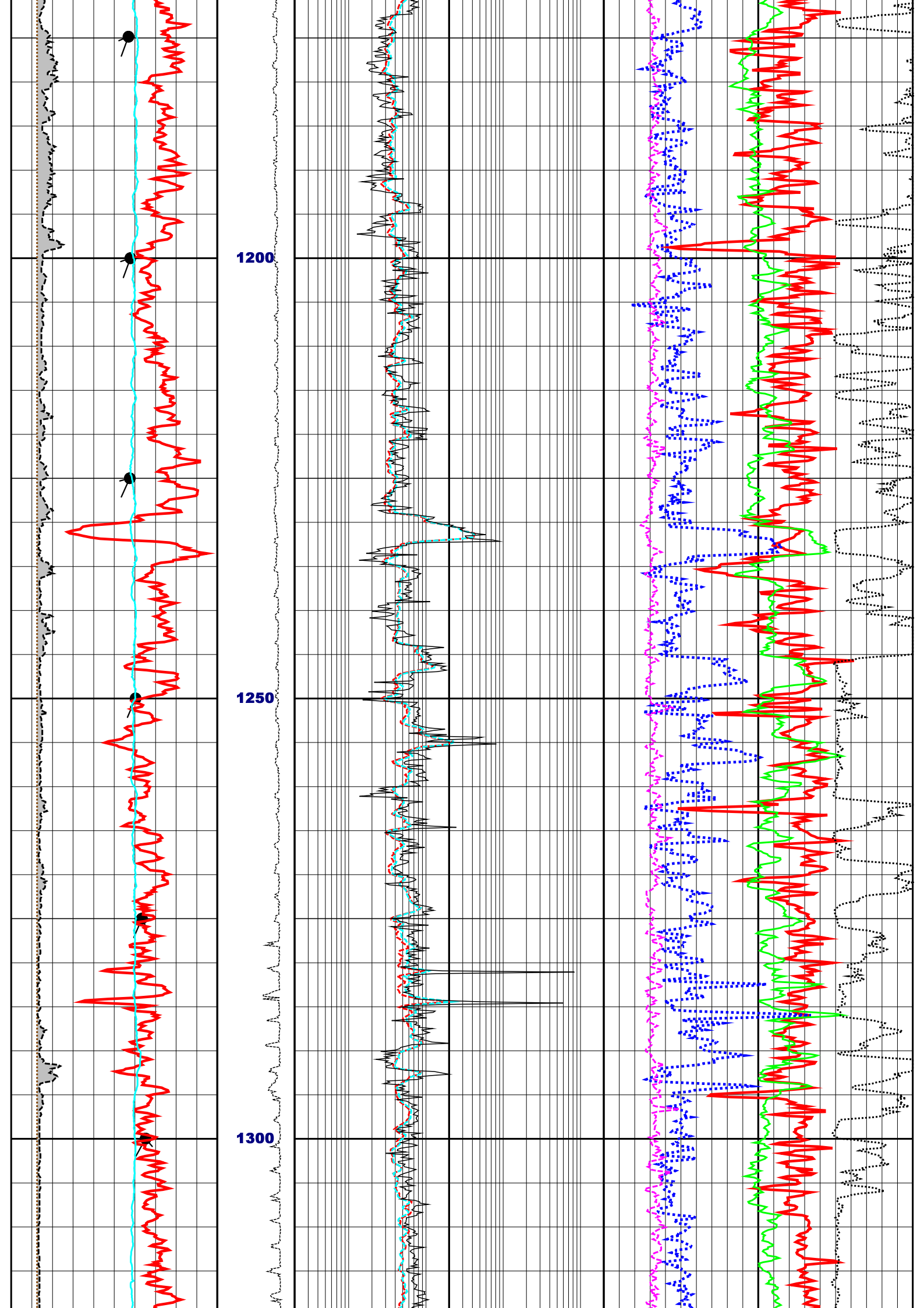
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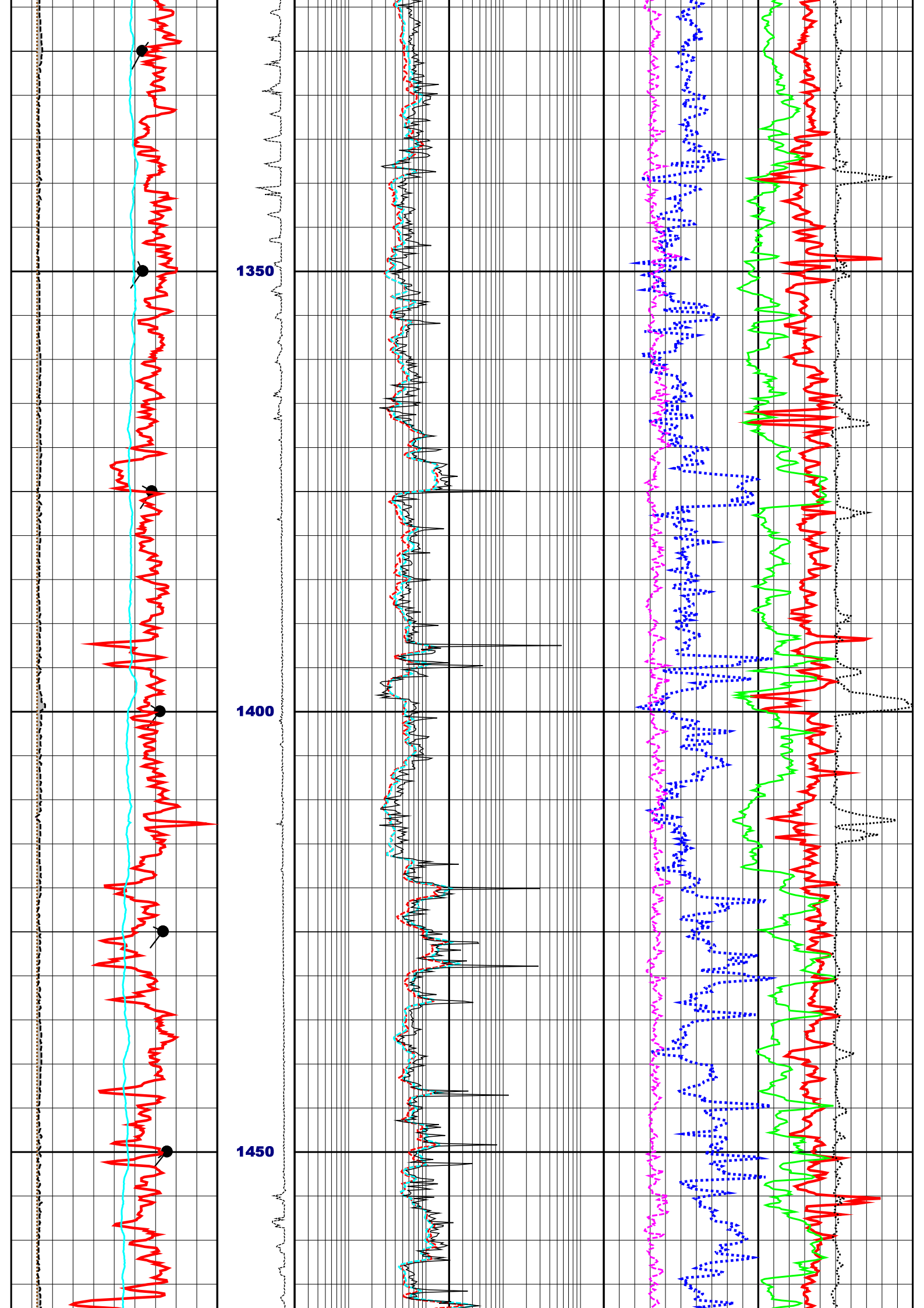
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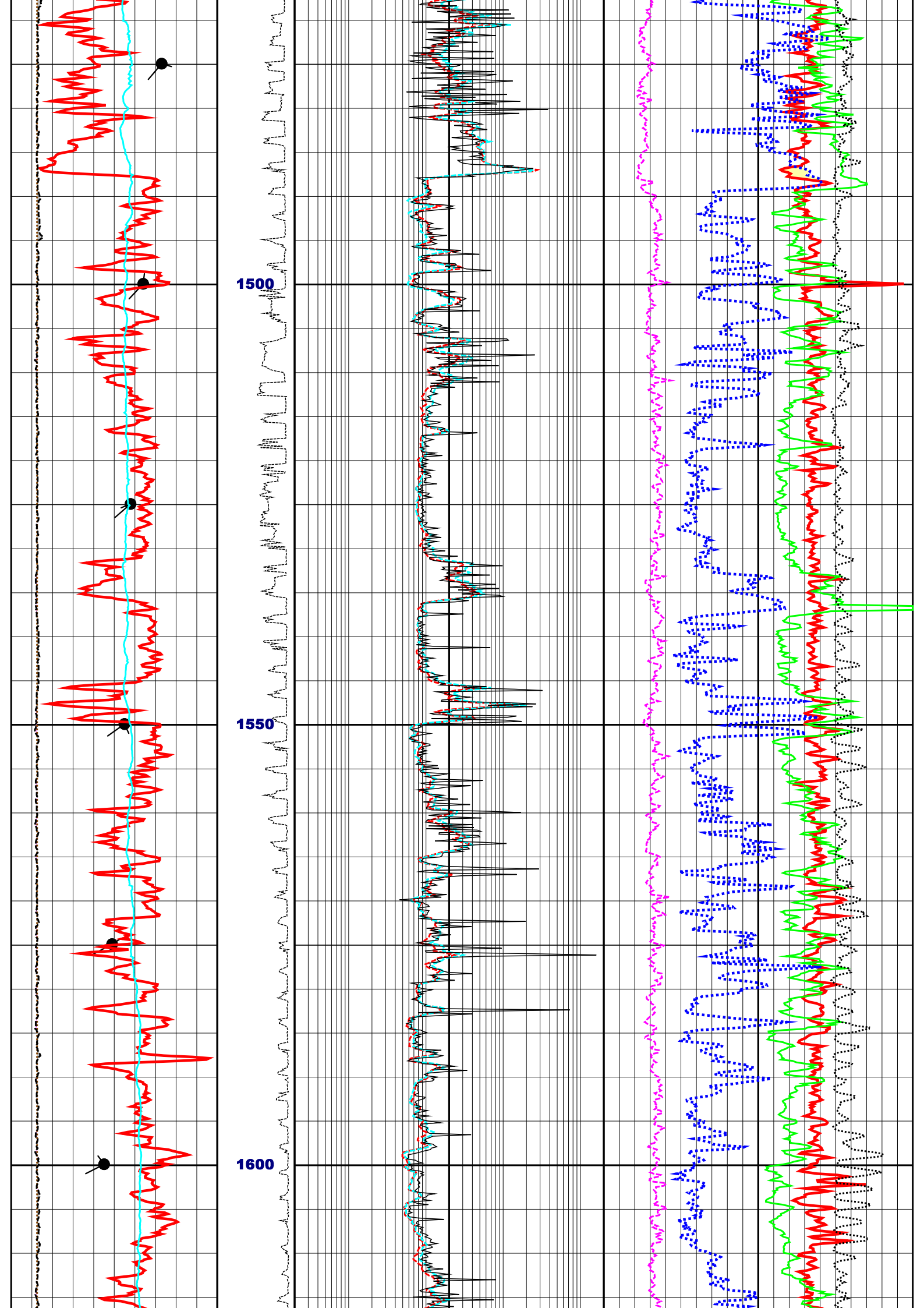


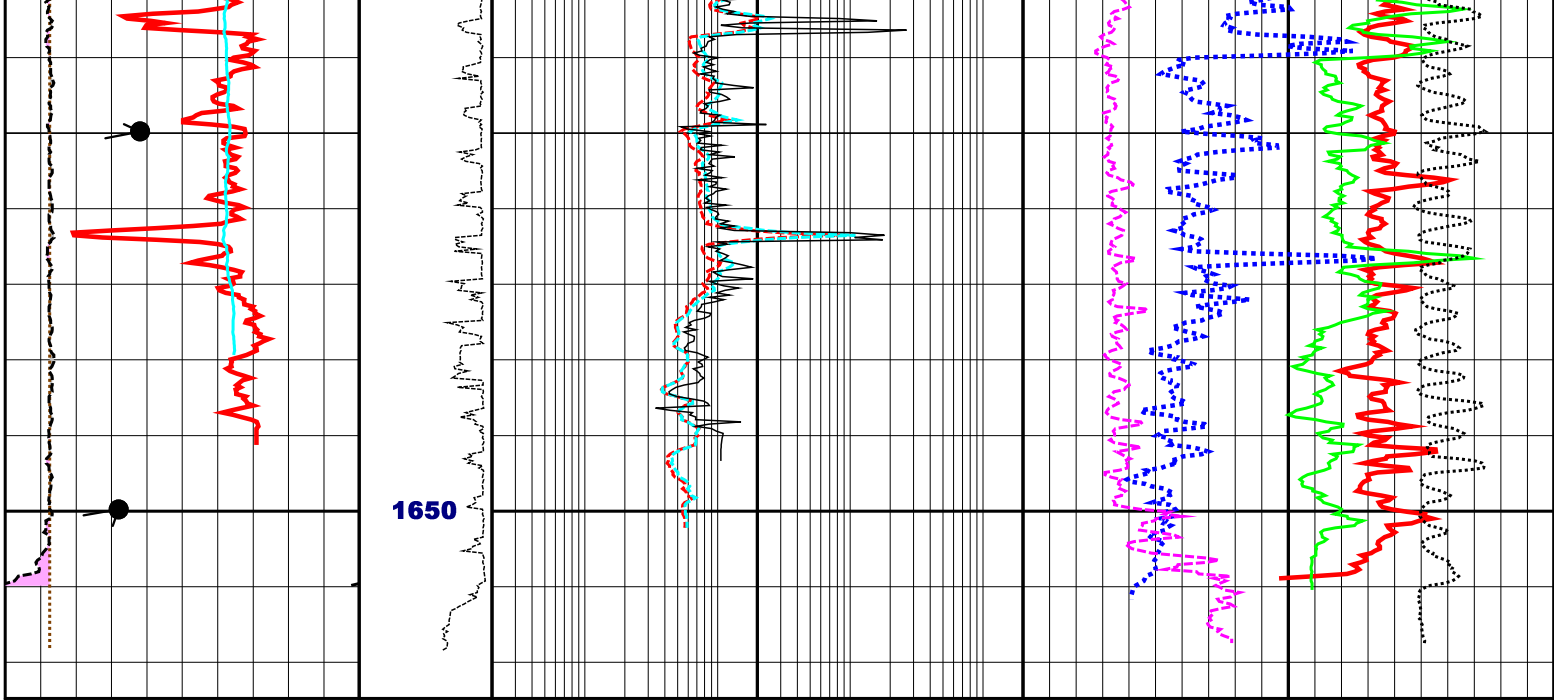












1650

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