# TRIPLE COMBO LOG

Company RITCHIE EXPLORATION, INC.
Well #1 MINKS - GRIFFEY UNIT
Field TOMANEK NORTHWEST
County NORTON State KANSAS

Location: API # : 15-137-20770-0000
1726' FNL & 2385' FEL
SEC 33 TWP 5S RGE 22W

Other Services
CDL/CNL/DIL
MEL/SONIC

Elevation
K.B. 2353
D.F. 2351
G.L. 2345

Permanent Datum GROUND LEVEL Elevation 2345
Log Measured From KELLY BUSHING 8' A.G.L
Drilling Measured From KELLY BUSHING

| | | | |
|---|---|---|---|
| Date | 4/23/24 | | |
| Run Number | ONE | | |
| Depth Driller | 3892 | | |
| Depth Logger | 3894 | | |
| Bottom Logged Interval | 3892 | | |
| Top Log Interval | 3100 | | |
| Casing Driller | 8.625@265 | | |
| Casing Logger | 265 | | |
| Bit Size | 7.785 | | |
| Type Fluid in Hole | CHEMICAL MUD | CHLORIDES 1,000 PPM | |
| Density / Viscosity | 9.1/65 | | |
| pH / Fluid Loss | 10.5/5.8 | | |
| Source of Sample | FLOWLINE | | |
| Rm @ Meas. Temp | 1.50@67F | | |
| Rmf @ Meas. Temp | 1.13@67F | | |
| Rmc @ Meas. Temp | 1.80@67F | | |
| Source of Rmf / Rmc | MEASUREMENT | | |
| Rm @ BHT | .874@115F | | |
| Time Circulation Stopped | 2 HOURS | | |
| Time Logger on Bottom | 2:45 A.M. | | |
| Maximum Recorded Temperature | 115F | | |
| Equipment Number | 922339 | | |
| Location | HAYS, KANSAS | | |
| Recorded By | JEFF LUEBBERS | | |
| Witnessed By | MAX LOVELY | | |

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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

15-137-20770-0000

THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395

DIRECTIONS

HILL CITY, KS. (STOP LIGHT) 11N. ON HWY 283 TO (GRAHAM/NORTON COUNTY LINE) "EE RD.", 2 1/2E. TO "RD. E5", 3/4N., W. INTO

MAIN SECTION

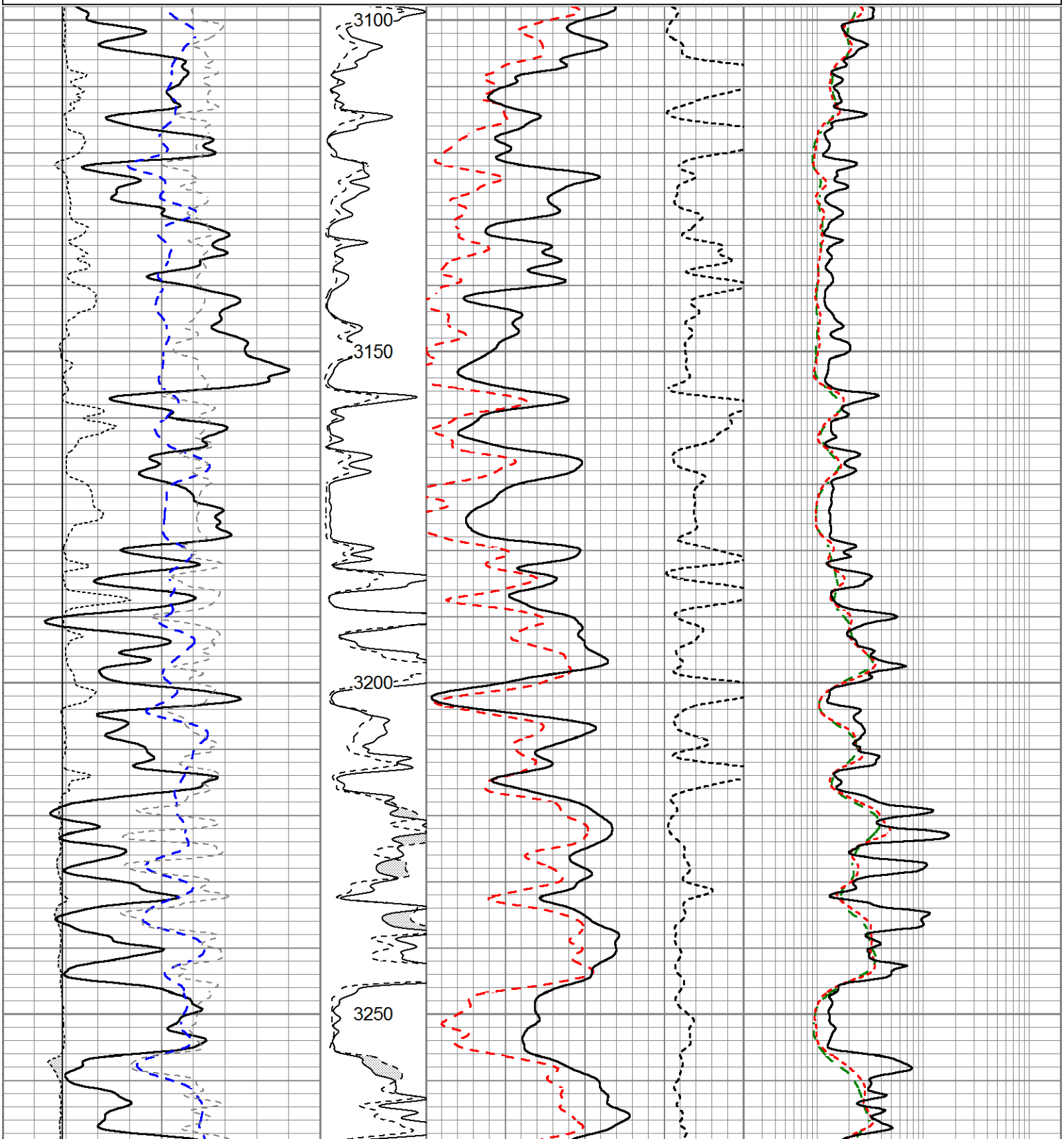
| | |
|---|---|
| Database File | 8491ddn.db |
| Dataset Pathname | pass3.2C |
| Presentation Format | _ritchie |
| Dataset Creation | Tue Apr 23 05:56:41 2024 |
| Charted by | Depth in Feet scaled 1:240 |

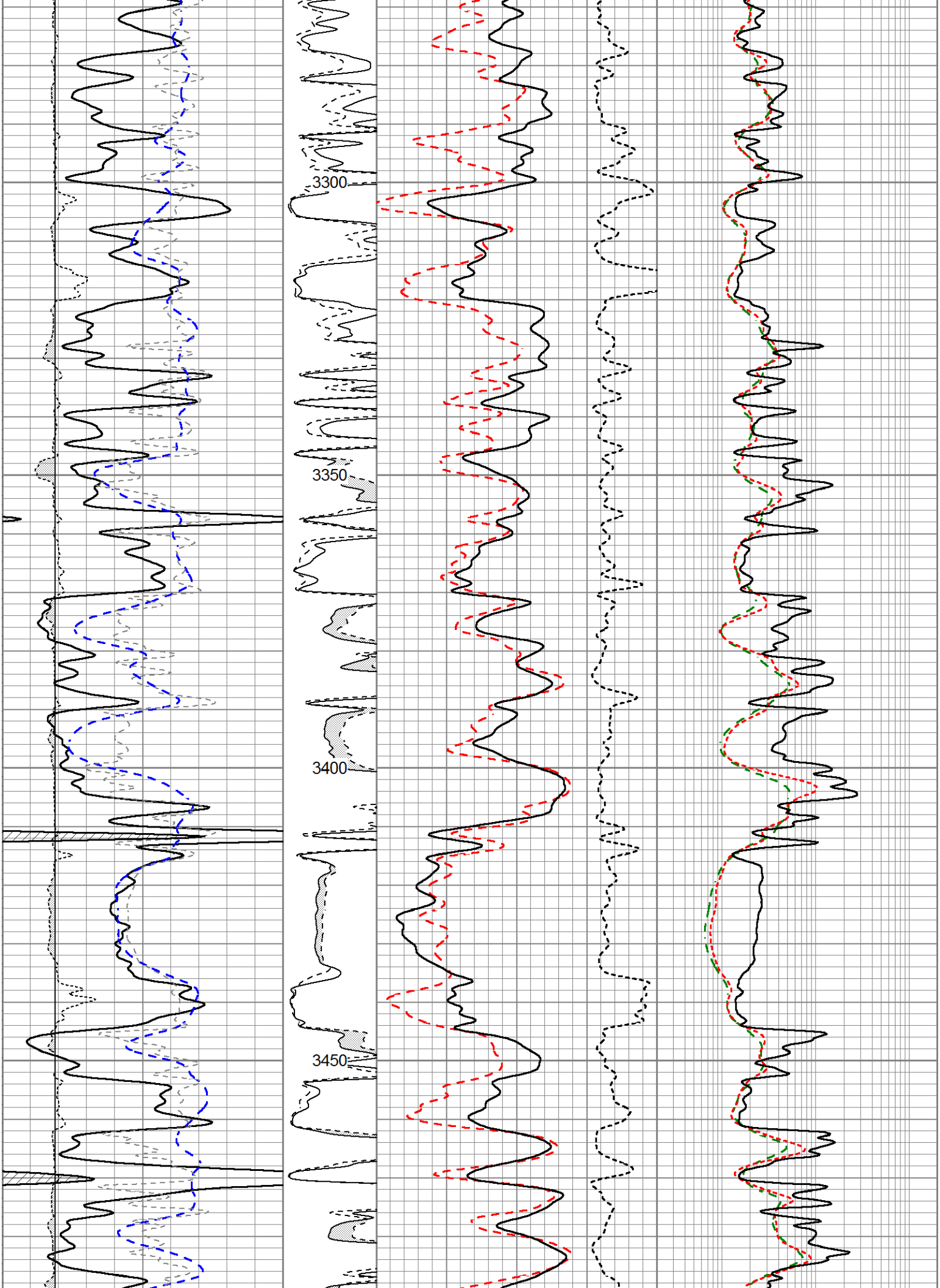
| | | |
|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 |
| -100 | SP (mV) | 100 |
| -200 | RxoRt | 100 |
| 6 | DCAL (in) | 16 |

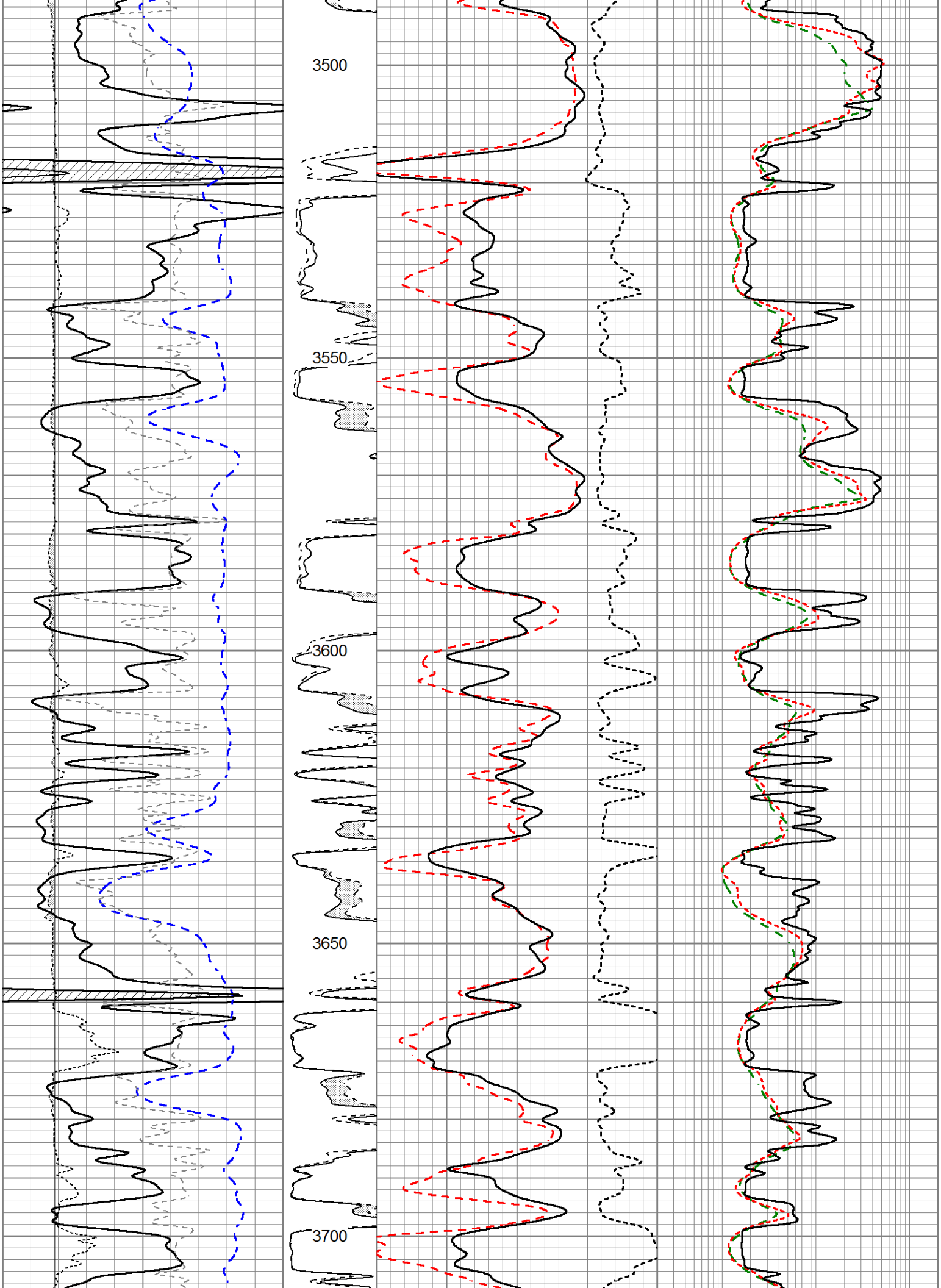
| | |
|---|---|
| MEL15 (Ohm-m) | 0 40 |
| MEL20 (Ohm-m) | 0 40 |

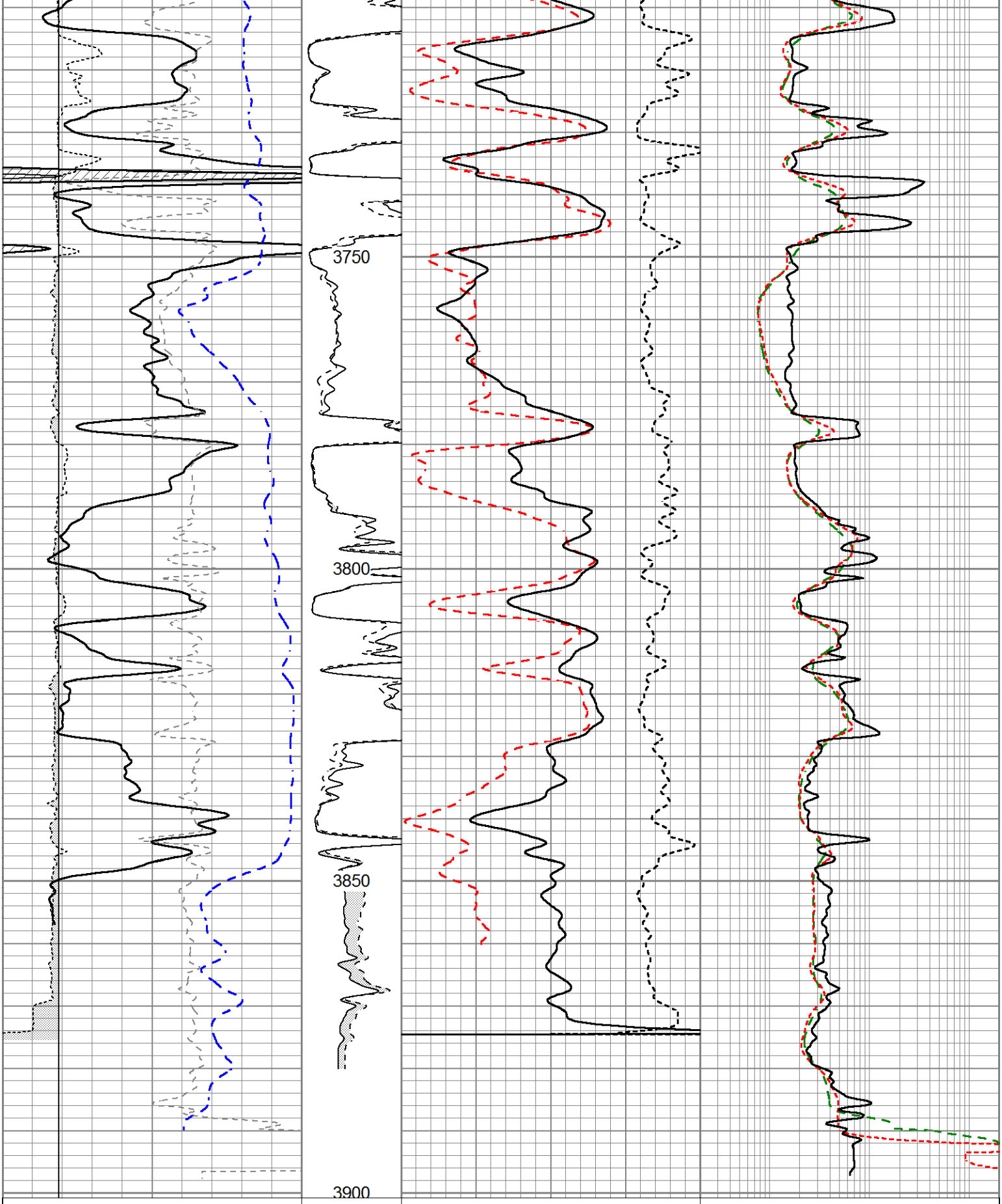
| | | |
|---|---|---|
| 30 | CN Porosity (pu) | -10 |
| 30 | Density Porosity (pu) | -10 |
| | CORRECTION | |
| -0.25 | (g/cc) | 0.25 |

| | | |
|---|---|---|
| 0.2 | Deep Resistivity (Ohm-m) | 2000 |
| | Medium Resistivity | |
| 0.2 | (Ohm-m) | 2000 |
| | Shallow Resistivity | |
| 0.2 | (Ohm-m) | 2000 |




3300
3350
3400
3450


3500
3550
3600
3650
3700




| | | |
|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 |
| -100 | SP (mV) | 100 |
| -200 | RxoRt | 100 |
| 6 | DCAL (in) | 16 |

| | | |
|---|---|---|
| | MEL15 (Ohm-m) | |
| 0 | | 40 |
| | MEL20 (Ohm-m) | |
| 0 | | 40 |

| | | |
|---|---|---|
| 30 | CN Porosity (pu) | -10 |
| 30 | Density Porosity (pu) | -10 |
| | CORRECTION | |
| -0.25 | (g/cc) | 0.25 |

| | | |
|---|---|---|
| 0.2 | Deep Resistivity (Ohm-m) | 2000 |
| | Medium Resistivity | |
| 0.2 | (Ohm-m) | 2000 |
| | Shallow Resistivity | |
| 0.2 | (Ohm-m) | 2000 |