



SUPERIOR  
Hays,  
Kansas

MICRO  
LOG

|                                                                |                                                           |                                         |                                                  |
|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------|--------------------------------------------------|
| Company VINCENT OIL CORPORATION                                |                                                           | Company VINCENT OIL CORPORATION         |                                                  |
| Well DUFFORD #1-32                                             | Well DUFFORD #1-32                                        |                                         |                                                  |
| Field                                                          | Field                                                     |                                         |                                                  |
| County FORD                                                    | County FORD                                               |                                         |                                                  |
| State KANSAS                                                   | State KANSAS                                              |                                         |                                                  |
| Location: 430' FNL & 1105' FEL                                 |                                                           | API # : 15-057-20807-0000               |                                                  |
| SEC 32 TWP 29S RGE 24W                                         |                                                           | Other Services<br>CDL/CNL/PE<br>DIL/SON |                                                  |
| Permanent Datum<br>Log Measured From<br>Drilling Measured From | GROUND LEVEL<br>KELLY BUSHING 12' A.G.L.<br>KELLY BUSHING |                                         | Elevation<br>K.B. 2584<br>D.F. 2582<br>G.L. 2572 |
| Date 5/31/12                                                   |                                                           |                                         |                                                  |
| Run Number TWO                                                 |                                                           |                                         |                                                  |
| Depth Driller 5480                                             |                                                           |                                         |                                                  |
| Depth Logger 5482                                              |                                                           |                                         |                                                  |
| Bottom Logged Interval 5464                                    |                                                           |                                         |                                                  |
| Top Log Interval 4200                                          |                                                           |                                         |                                                  |
| Casing Driller 8 5/8" @ 650                                    |                                                           |                                         |                                                  |
| Casing Logger 648                                              |                                                           |                                         |                                                  |
| Bit Size 7 7/8                                                 |                                                           |                                         |                                                  |
| Type Fluid in Hole CHEMICAL MUD                                |                                                           |                                         |                                                  |
| Density / Viscosity 9.4/76                                     | CHLORIDES 11,800 PPM                                      |                                         |                                                  |
| pH / Fluid Loss 10.5/12.8                                      |                                                           |                                         |                                                  |
| Source of Sample FLOWLINE                                      |                                                           |                                         |                                                  |
| Rm @ Meas. Temp 0.36 @ 78F                                     |                                                           |                                         |                                                  |
| Rmf @ Meas. Temp 0.27 @ 78F                                    |                                                           |                                         |                                                  |
| Rmc @ Meas. Temp 0.43 @ 78F                                    |                                                           |                                         |                                                  |
| Source of Rmf / Rmc MEASURED                                   |                                                           |                                         |                                                  |
| Rm @ BHT 0.22 @ 129F                                           |                                                           |                                         |                                                  |
| Time Circulation Stopped 2 HOURS                               |                                                           |                                         |                                                  |
| Time Logger on Bottom                                          |                                                           |                                         |                                                  |
| Maximum Recorded Temperature 129F                              |                                                           |                                         |                                                  |
| Equipment Number 680                                           |                                                           |                                         |                                                  |
| Location HAYS, KS.                                             |                                                           |                                         |                                                  |
| Recorded By JEFF GRONEMEG                                      |                                                           |                                         |                                                  |
| Witnessed By KENLEBLANC                                        |                                                           |                                         |                                                  |

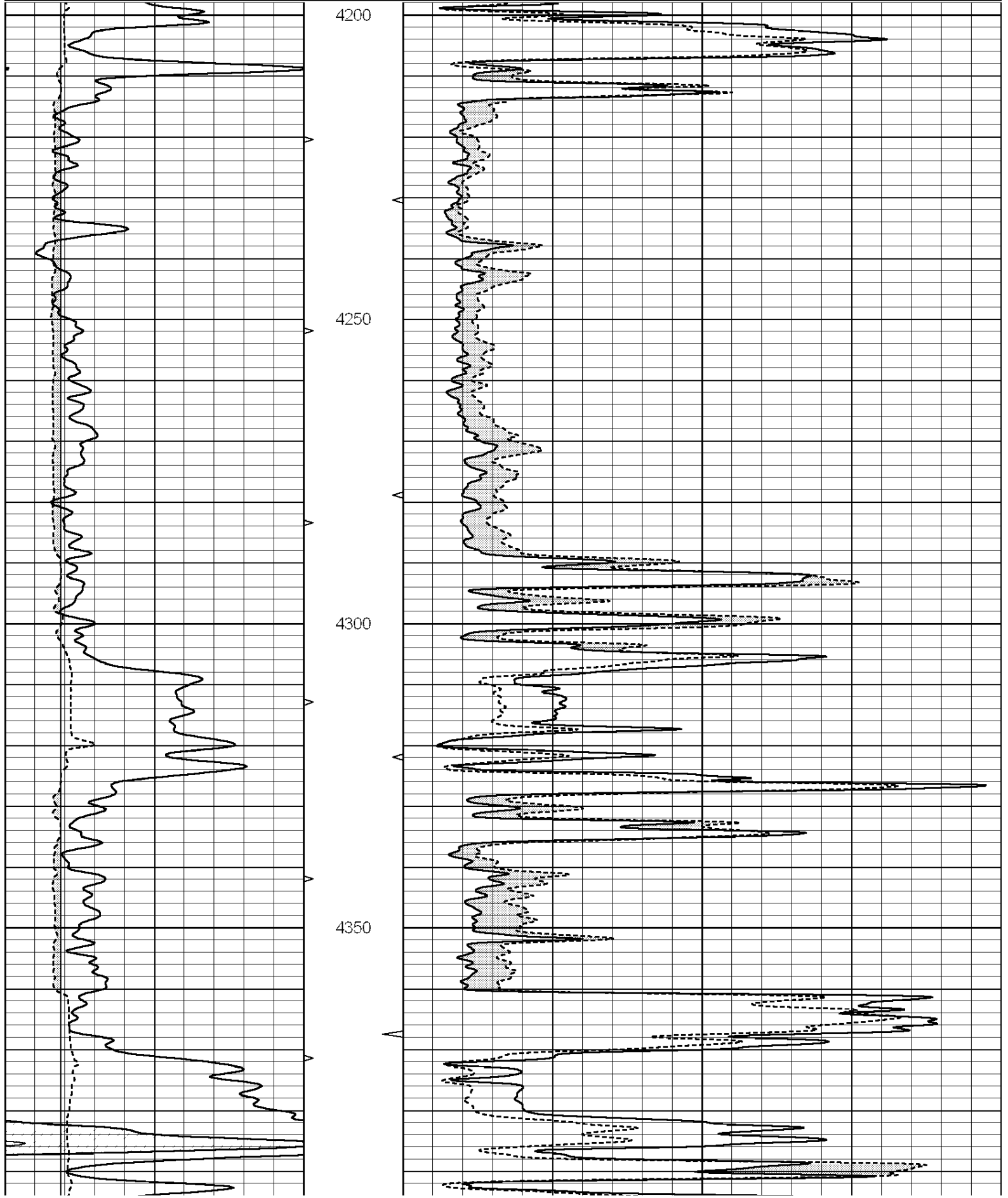
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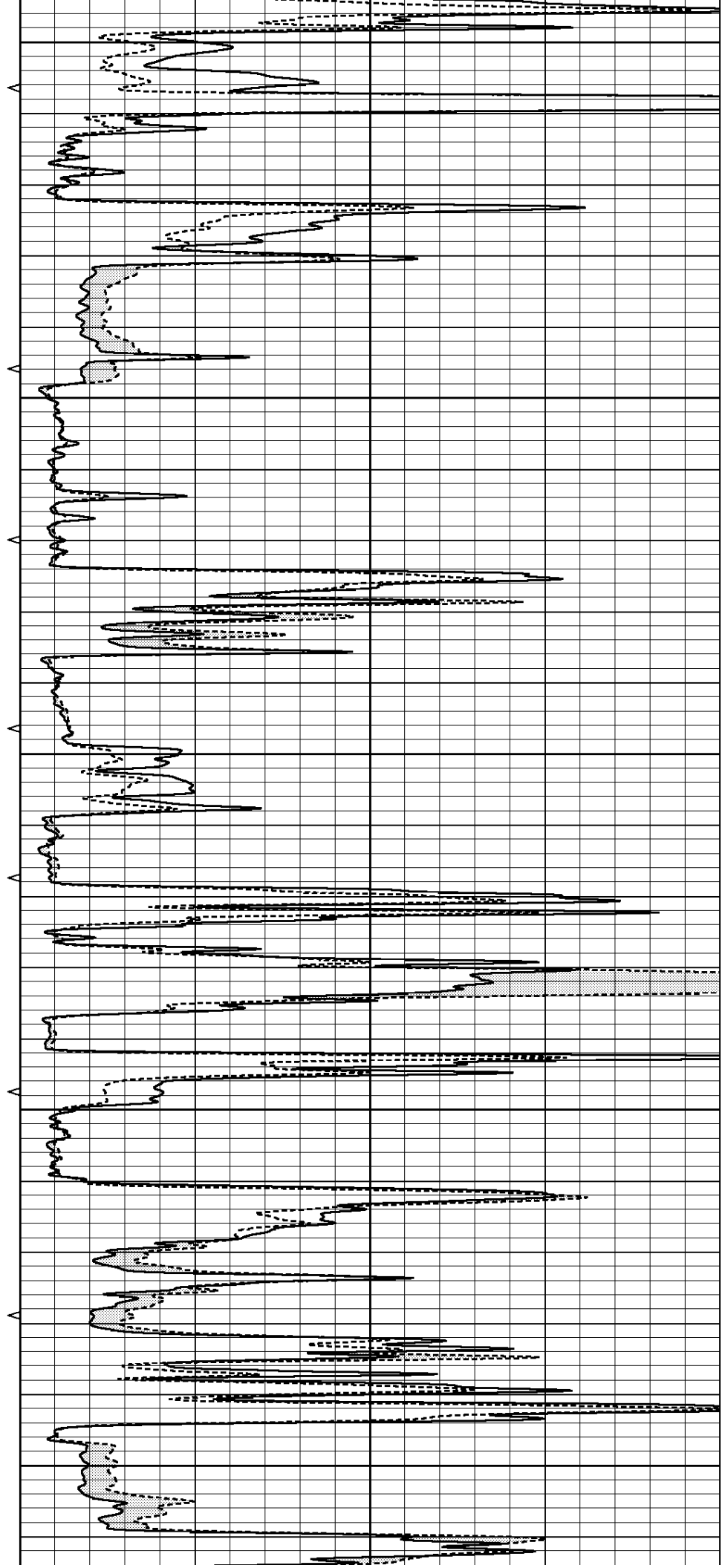
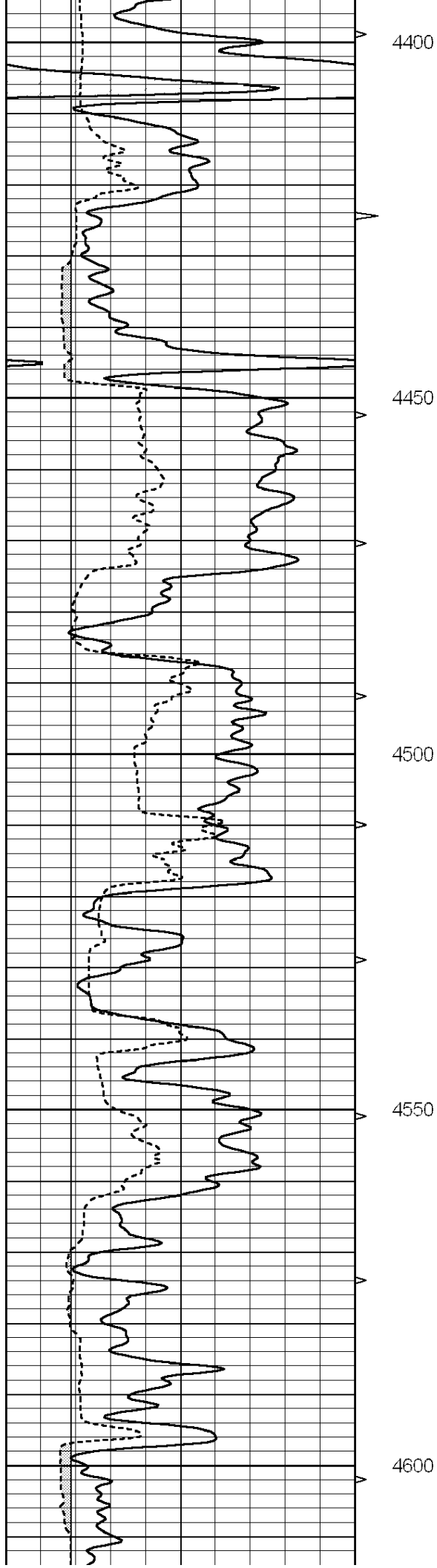
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

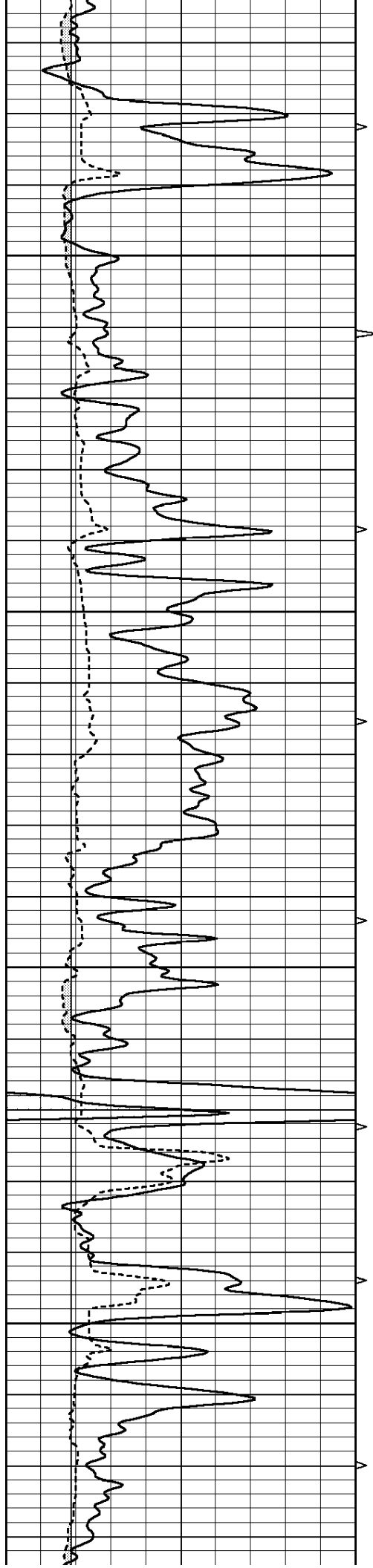
### Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395  
DIRECTIONS  
WRIGHT, KS - SOUTH TO SADDLE RD - 3 MILES WEST TO RD 114  
11 MILES SOUTH TO YUCCA RD - 1/4 MILE WEST - SOUTH INTO

|             |                  |                             |          |     |                |    |
|-------------|------------------|-----------------------------|----------|-----|----------------|----|
| Charted by: |                  | Depth in Feet scaled 1:2.15 |          |     |                |    |
| 0           | GAMMA RAY (GAPI) | 150                         | ABHV     | 0   | MEL1.5 (Ohm-m) | 40 |
| 6           | CALIPER (in)     | 16                          | 10 (ft3) | 0 0 | MEL2.0 (Ohm-m) | 40 |
|             |                  | TBHV                        |          |     |                |    |
|             |                  | 0 (ft3)                     |          |     |                |    |
|             |                  | 10                          |          |     |                |    |





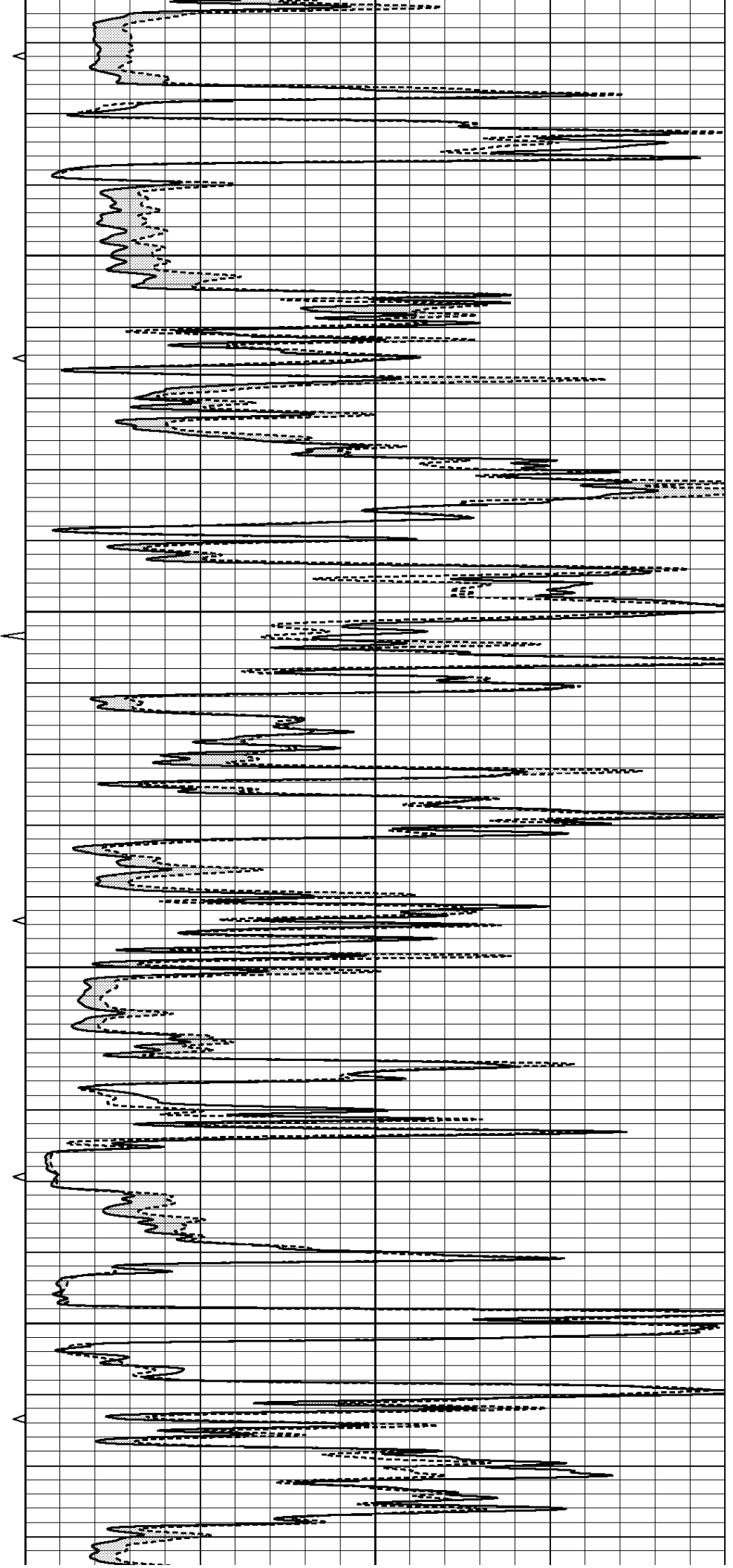


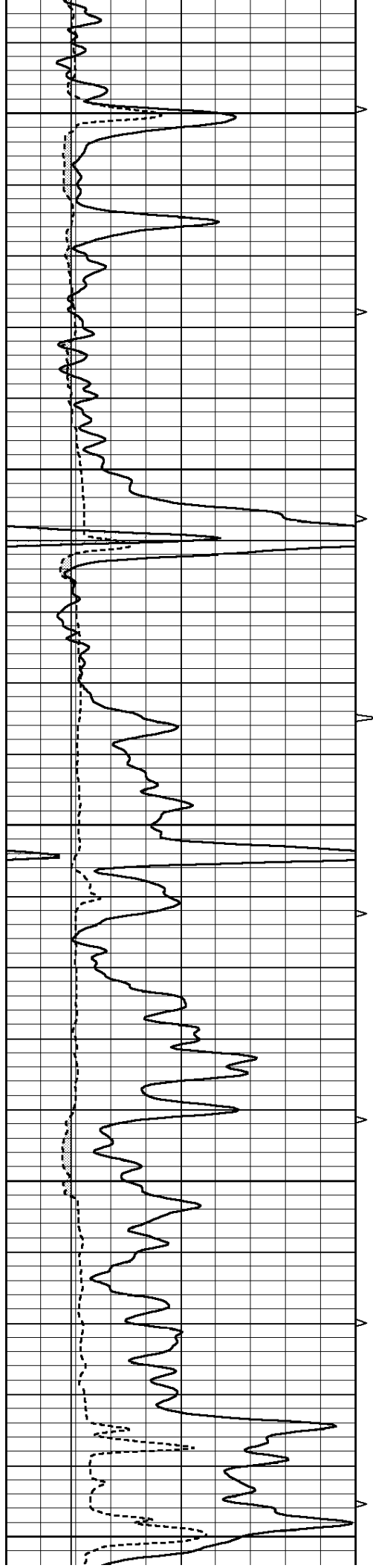
4650

4700

4750

4800





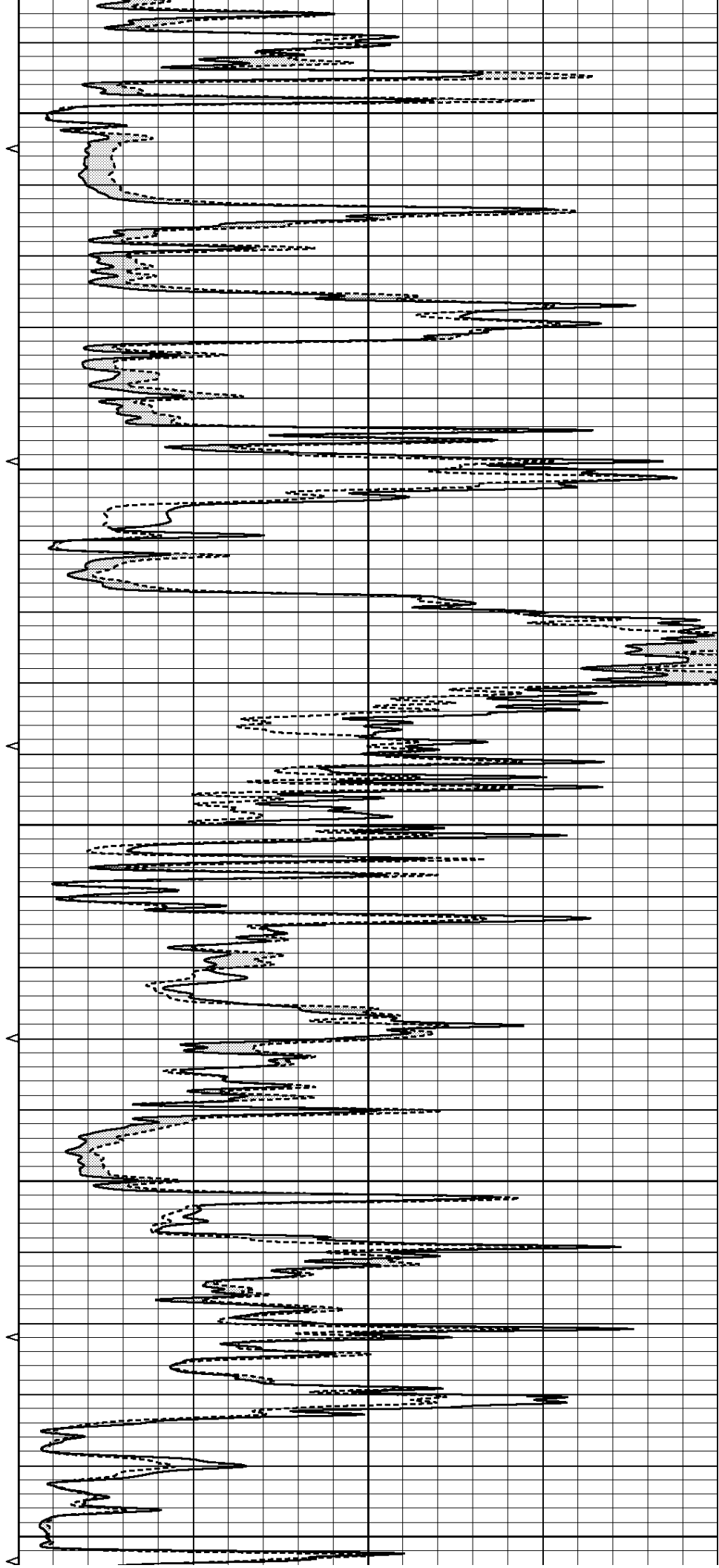
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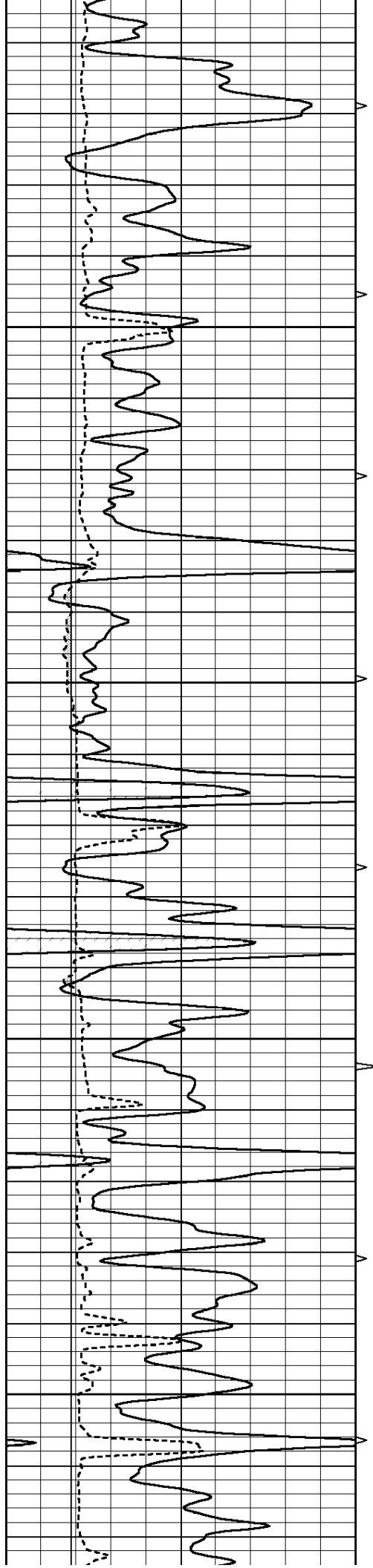
4900

4950

5000

5050



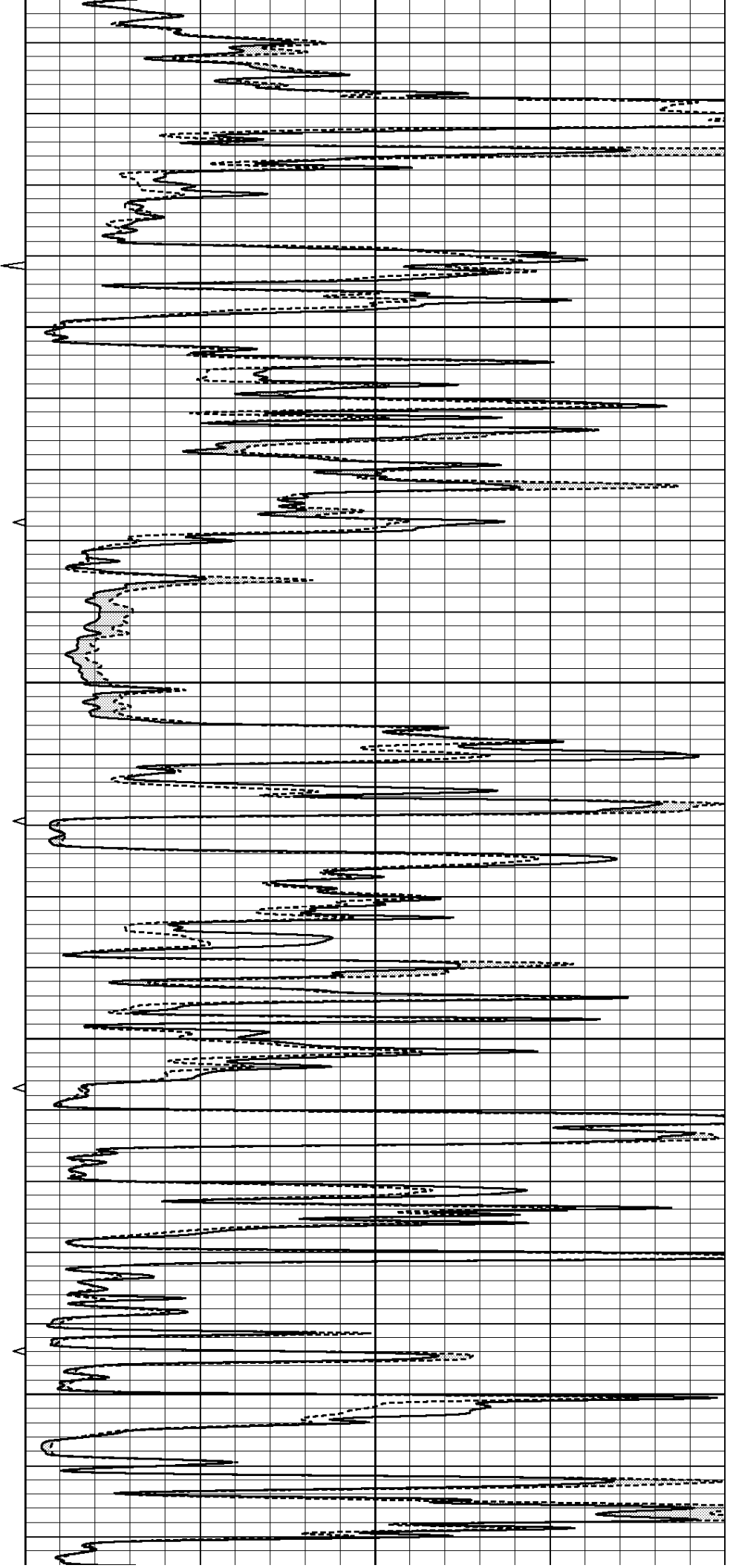


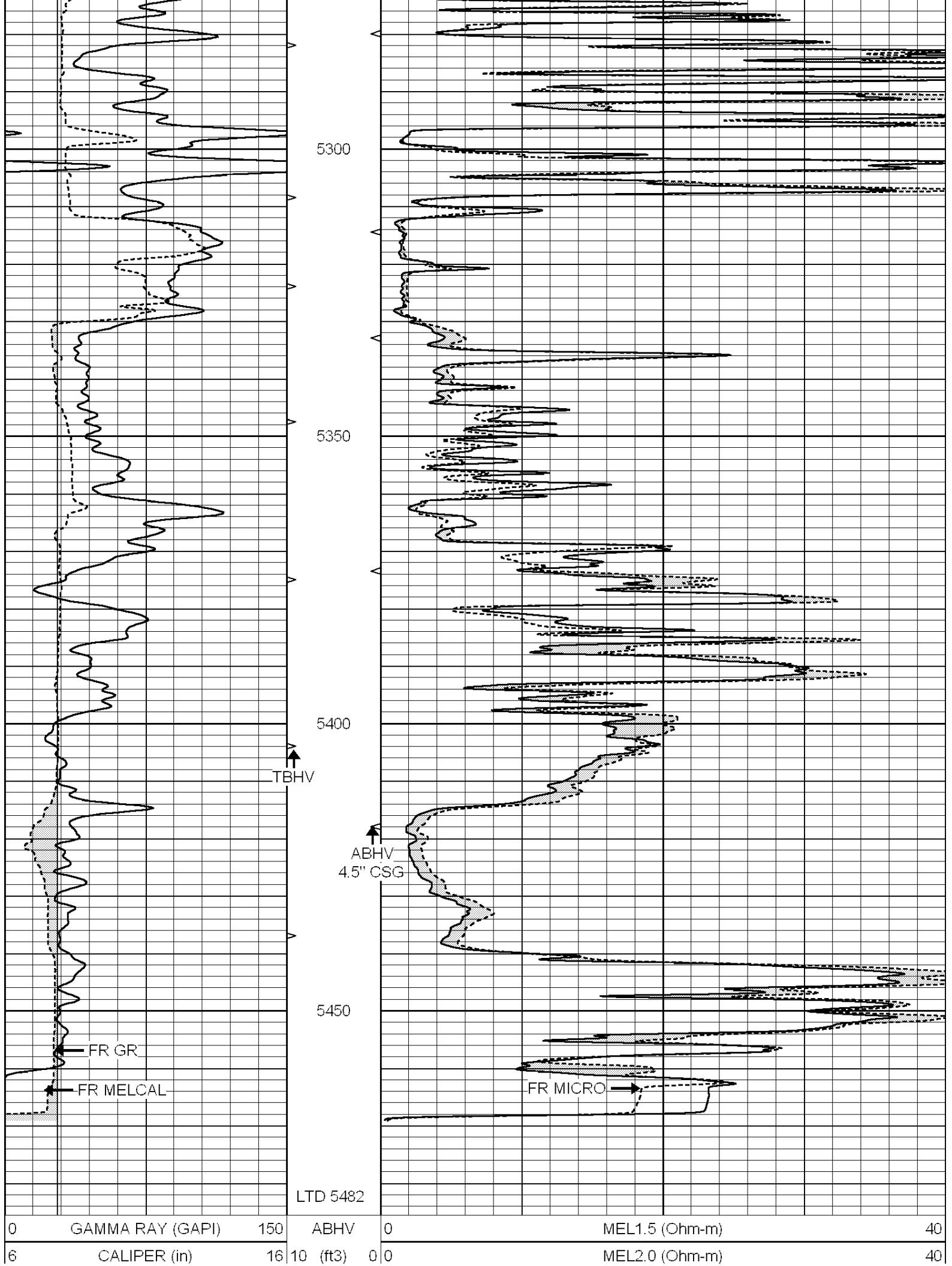
5100

5150

5200

5250





TBHV  
0 (ft3) 10

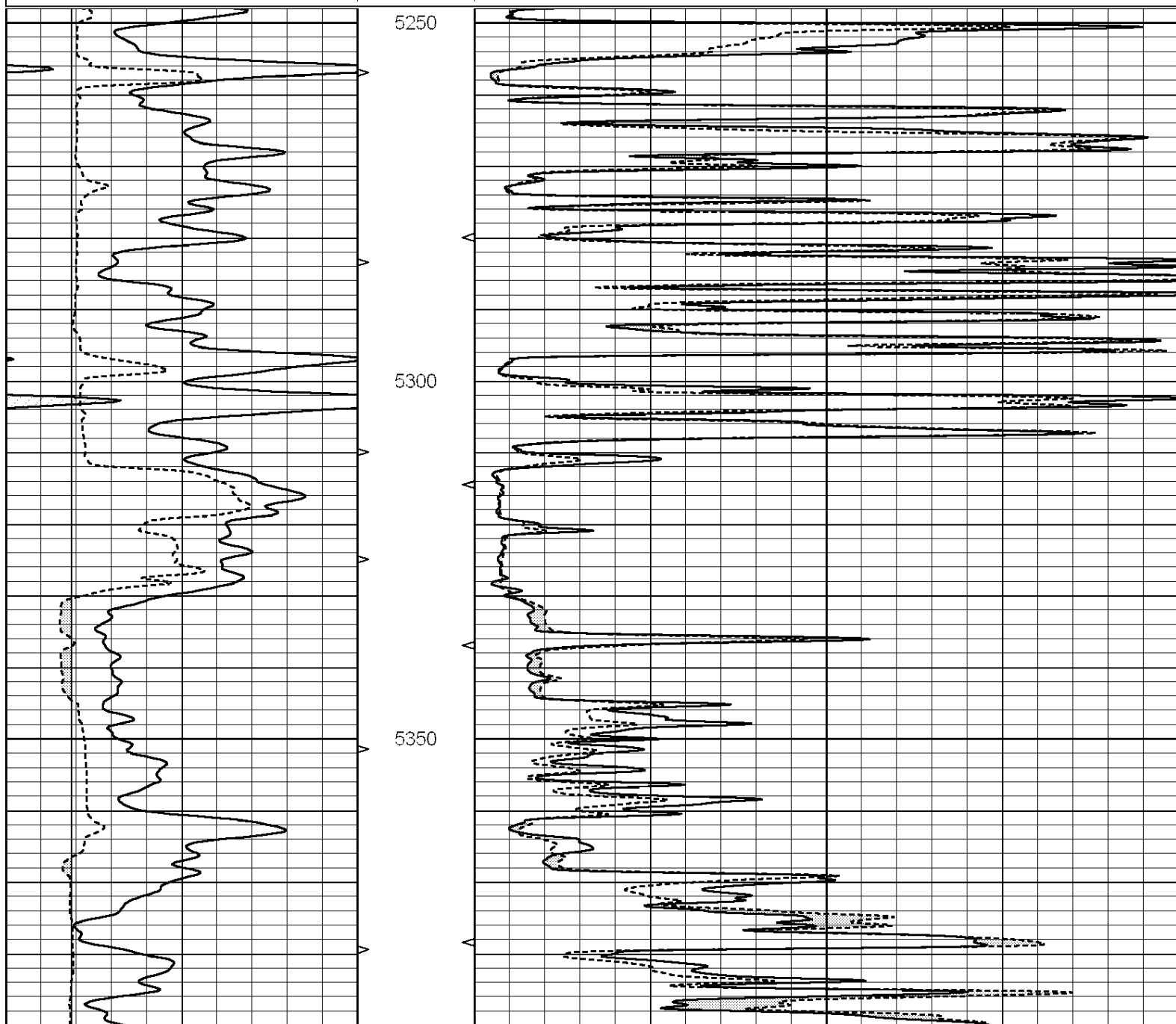


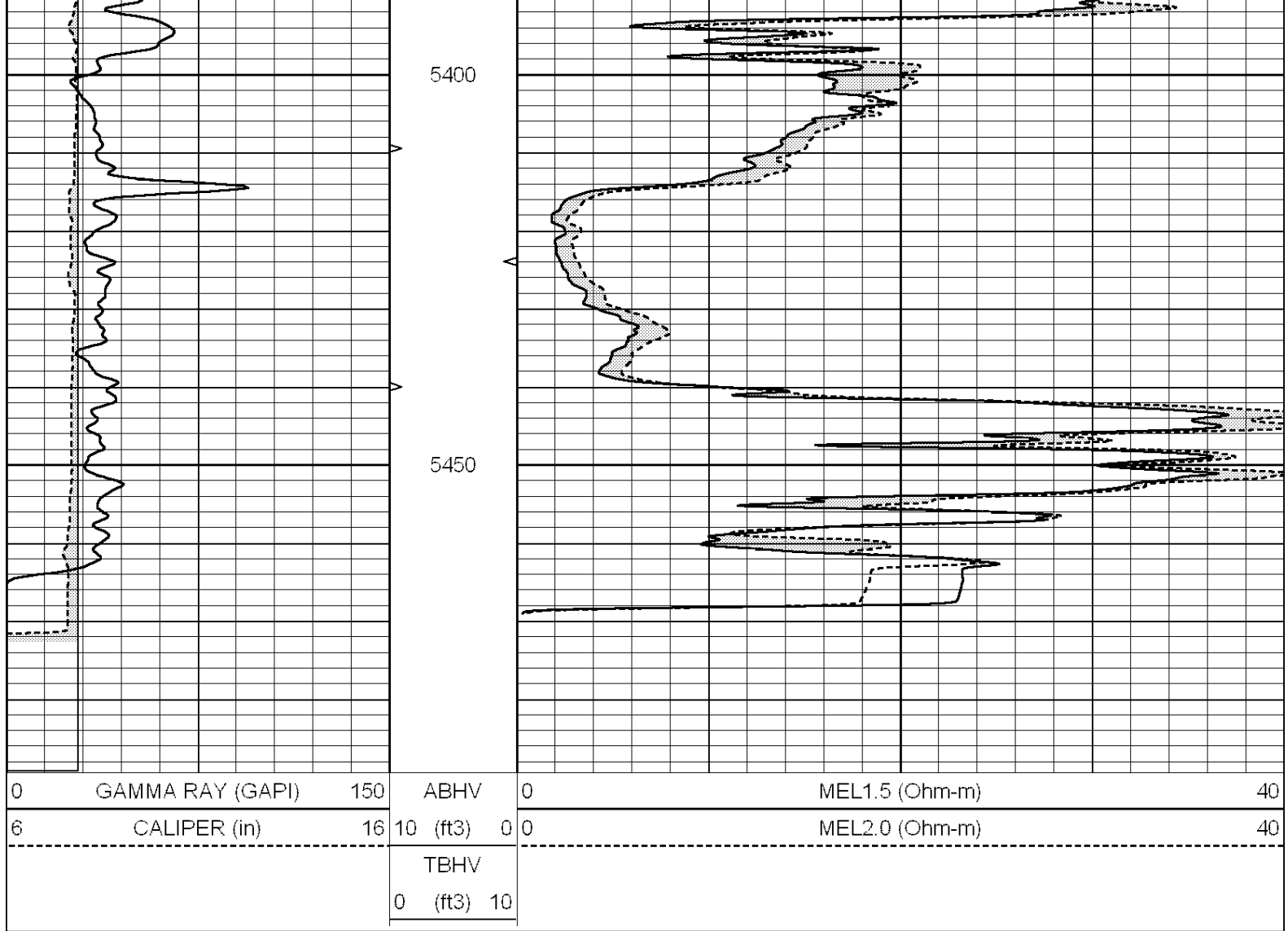
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# REPEAT SECTION

Database File: 009210pe.db  
Dataset Pathname: pass5.2  
Presentation Format: \_micro  
Dataset Creation: Thu May 31 12:27:02 2012  
Charted by: Depth in Feet scaled 1:240

|   |                  |     |            |   |                |    |
|---|------------------|-----|------------|---|----------------|----|
| 0 | GAMMA RAY (GAPI) | 150 | ABHV       | 0 | MEL1.5 (Ohm-m) | 40 |
| 6 | CALIPER (in)     | 16  | 10 (ft3) 0 | 0 | MEL2.0 (Ohm-m) | 40 |
|   |                  |     | TBHV       |   |                |    |
|   |                  |     | 0 (ft3) 10 |   |                |    |





### Calibration Report

Database File: 009210pe.db  
Dataset Pathname: pass6.3  
Dataset Creation: Thu May 31 12:50:35 2012 by Calc Open-Cased 090629

### MICRO Calibration Report

|                      |                          |               |
|----------------------|--------------------------|---------------|
| Serial Number:       | MICRO6                   |               |
| Tool Model:          | PROBE                    |               |
| Performed:           | Wed May 23 05:16:50 2012 |               |
| Caliper Calibration: | Gain=6.253               | Offset=-1.308 |
| References           | Low Cal                  | High Cal      |
| Readings             | 5.800                    | 13.000        |
|                      | 1.178                    | 2.330         |
| 1.5" Calibration:    | Gain=30.075              | Offset=0.300  |
| References           | Low Cal                  | High Cal      |
| Readings             | 0.000                    | 20.000        |
|                      | 0.004                    | 1.196         |
| 2" Calibration:      | Gain=35.041              | Offset=0.500  |
| References           | Low Cal                  | High Cal      |
| Readings             | 0.000                    | 20.000        |
|                      | 0.006                    | 0.913         |

## Gamma Ray Calibration Report

|                     |                          |          |
|---------------------|--------------------------|----------|
| Serial Number:      | #8                       |          |
| Tool Model:         | OPEN                     |          |
| Performed:          | Mon Jun 13 16:56:43 2011 |          |
| Calibrator Value:   | 150.0                    | GAPI     |
| Background Reading: | 0.0                      | cps      |
| Calibrator Reading: | 175.0                    | cps      |
| Sensitivity:        | 0.8371                   | GAPI/cps |