



ALL PRESENTATIONS AS PER CUSTOMER REQUEST  
 GRT, CNT, LDT, AND PIT RUN IN COMBINATION.  
 CALIPERS ORIENTED ON X-Y AXIS.  
 2.71 G/CC USED TO CALCULATED POROSITY.  
 ANNULAR HOLE VOLUME CALCULATED USING 4.500" PRODUCTION CASING.

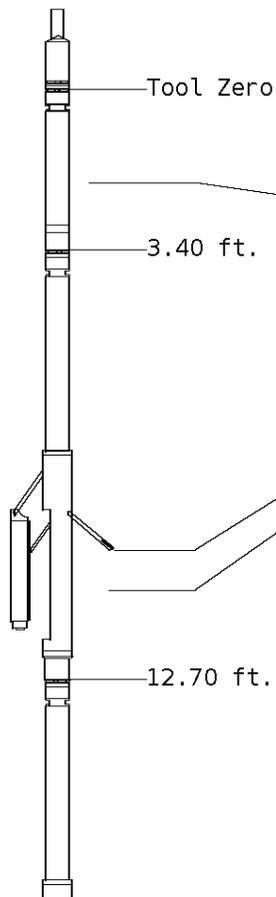
GRT: GRP.  
 CNT: PHIN, CLCNIN  
 LDT: PORL, LCORN, PECLN, LDENN, PORLLS, CLLDIN.  
 PIT: ILD, ILM, SPU, SFLAEC

OPERATORS:

M.BURKE  
 JT. TORBERT

### Tool String Schematic

**Total Tool Length** - 43.49 ft.  
**Maximum Outside diameter** - 4.80 in.  
**Net Weight in Air** - 743.00 lbs.



**Tool:** GRT-B      **Length:** 3.40 ft.    **O.D.** 3.60 in.  
 Gamma Ray Controller

**Sonde ID** :GRT-BA-14

| Measure Point | Tool Offset | Stack Offset | Bottom Offset |
|---------------|-------------|--------------|---------------|
| GRP           | 2.00        | 2.00         | 41.49         |

**Tool:** CNT-AA      **Length:** 9.30 ft.    **O.D.** 4.36 in.  
 Compensated Neutron A Pad on NDT-A

**Sonde ID** :NDT-AB-400

**Source ID** :N-1044

**Pad ID** :CNP-AA-116

| Measure Point | Tool Offset | Stack Offset | Bottom Offset |
|---------------|-------------|--------------|---------------|
| CLCN          | 6.00        | 9.40         | 34.09         |
| PHIN          | 6.80        | 10.20        | 33.29         |

**Tool:** LDT-DA      **Length:** 9.30 ft.    **O.D.** 4.80 in.  
 Litho Density D Pad on NDT-A

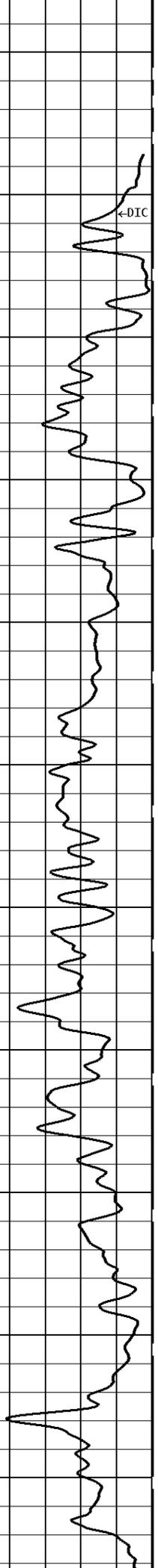
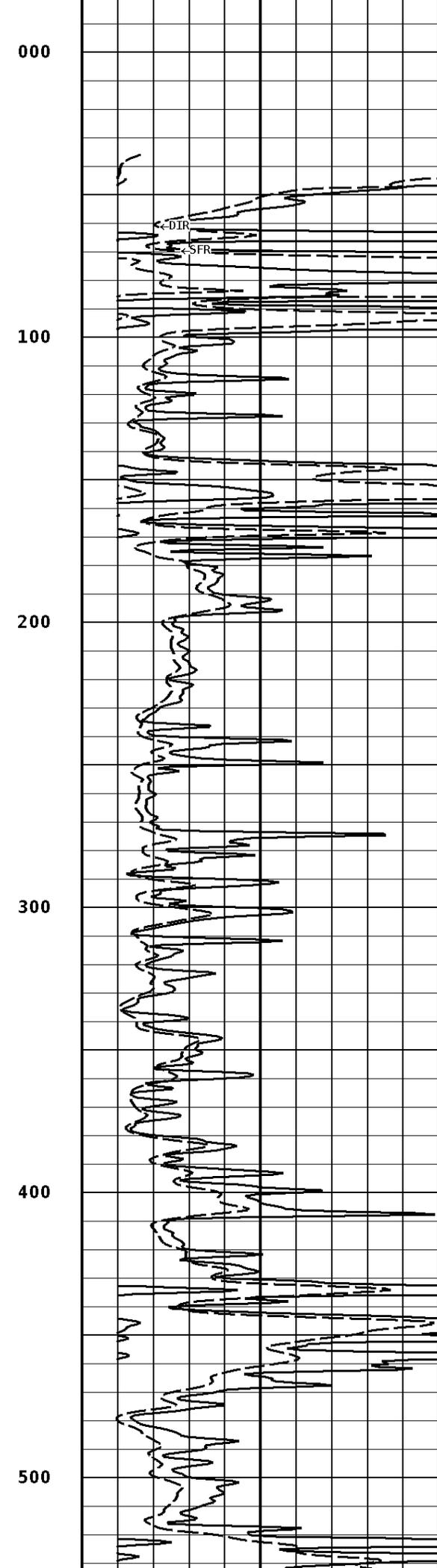
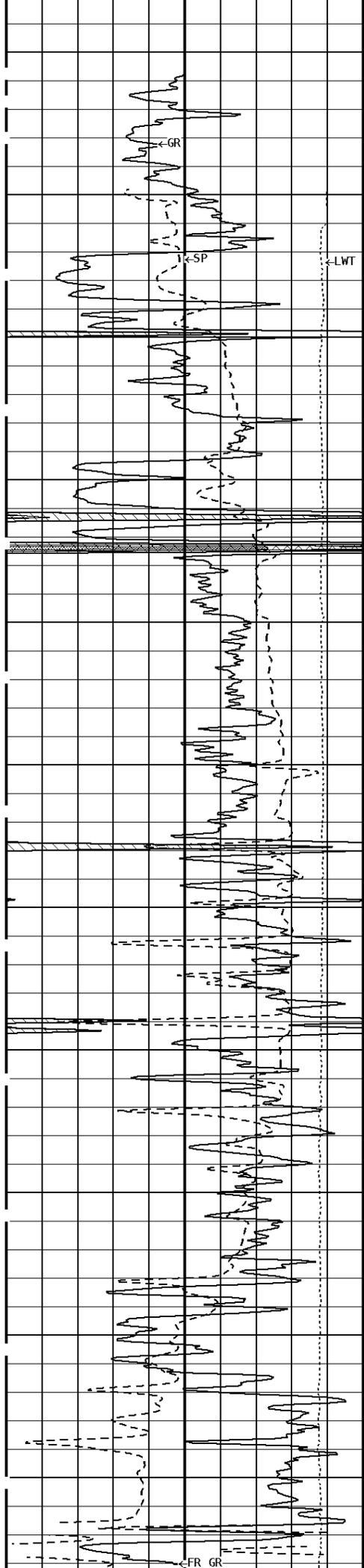
**Sonde ID** :NDT-BB-149

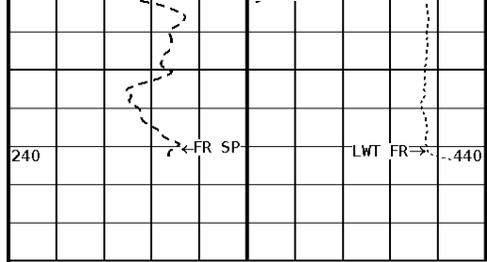
**Source ID** :CSV-587

**Pad ID** :LDP-DA-01

| Measure Point | Tool Offset | Stack Offset | Bottom Offset |
|---------------|-------------|--------------|---------------|
| CLLD          | 6.00        | 18.70        | 24.79         |
| PEL           | 7.00        | 19.70        | 23.79         |
| PES           | 7.40        | 20.10        | 23.39         |

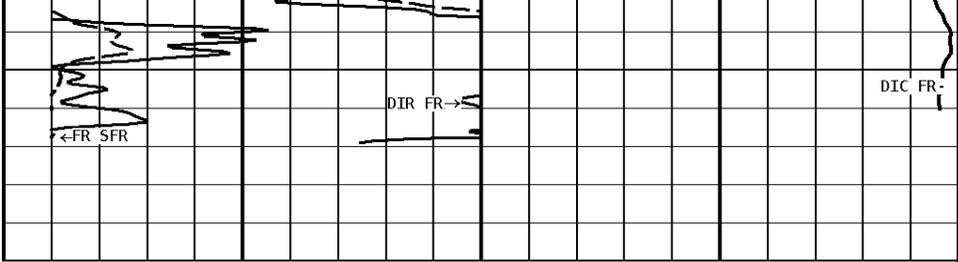




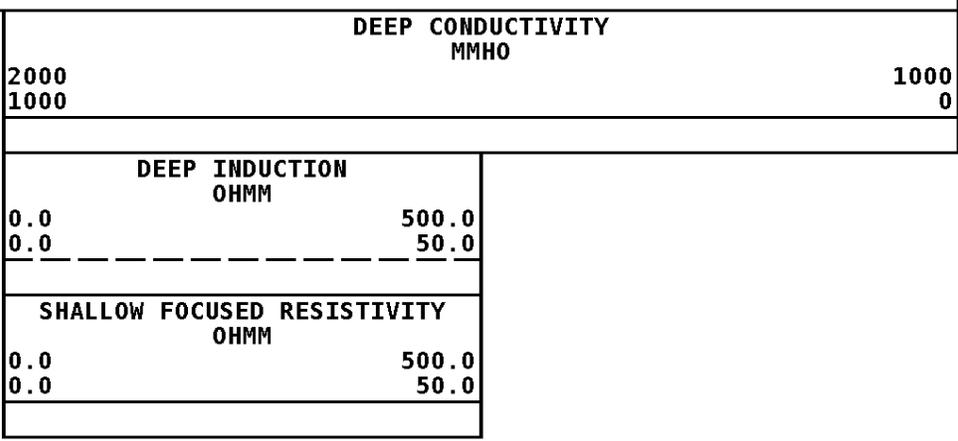
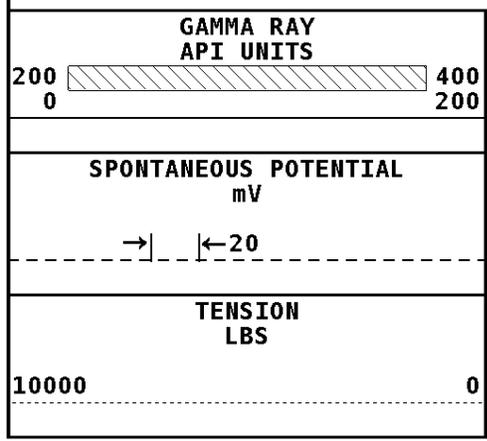


File #1.1.5

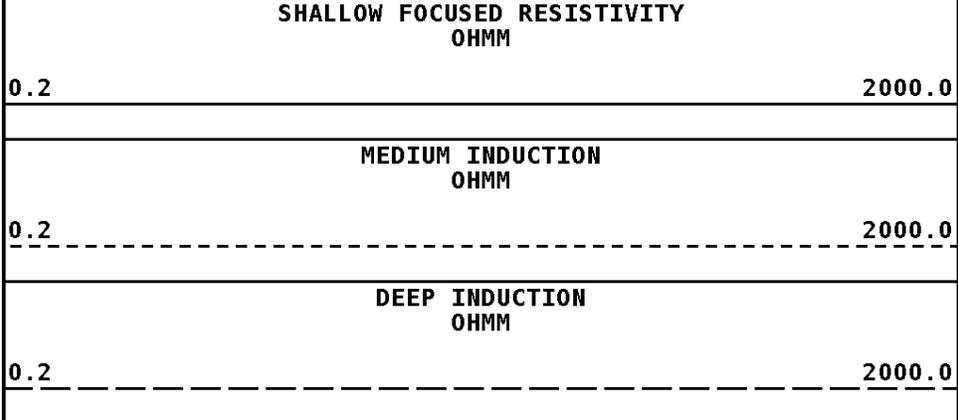
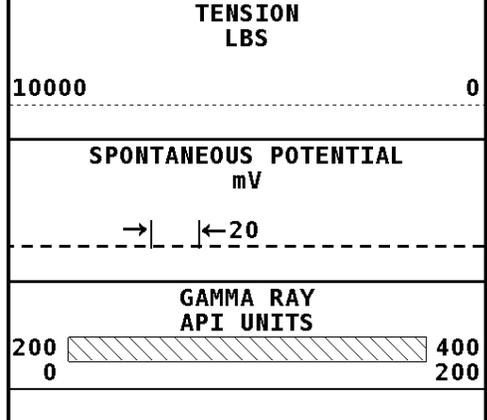
572



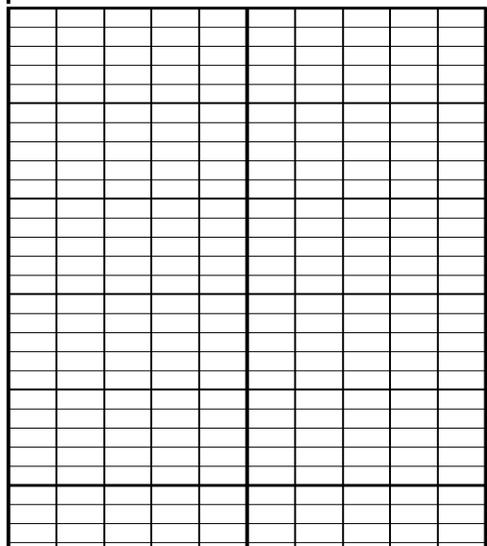
**1:600 SECTION**  
2 INCH



Well File: RFP WUNDERLY 11-36D-4 AUG29 STK      Scale: 1:240  
 Segment: V1.D1.S5 Reprocess of main      Acquired: 2011-08/29 09:58 3.2.0-10220  
 Reference: 0      Processed: 2011-08/29 10:11 3.2.0-10220

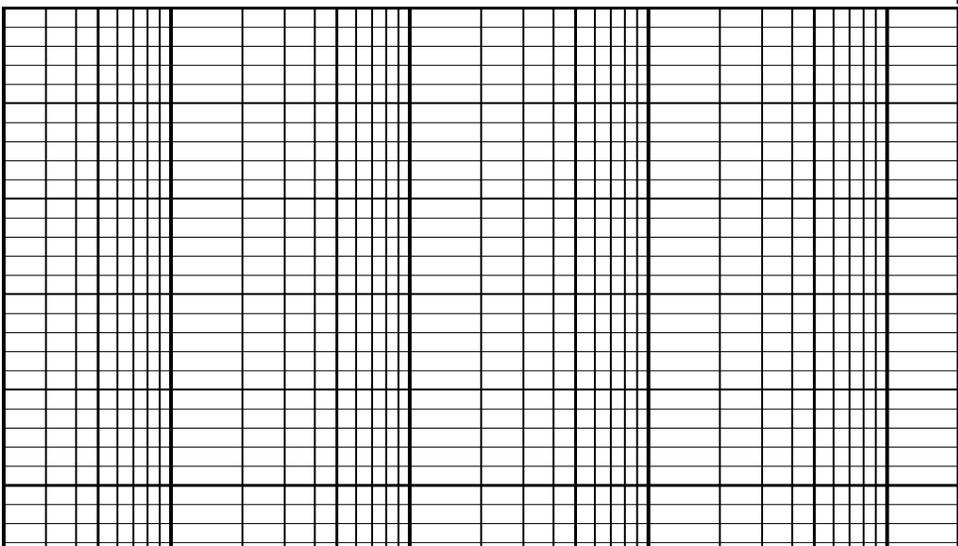


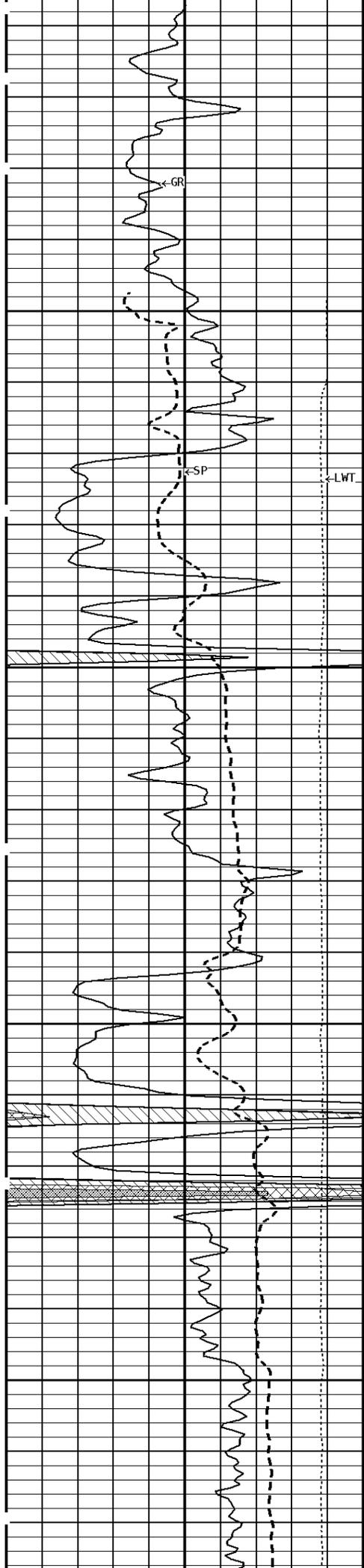
**1:240 MAIN SECTION**



File #1.1.5

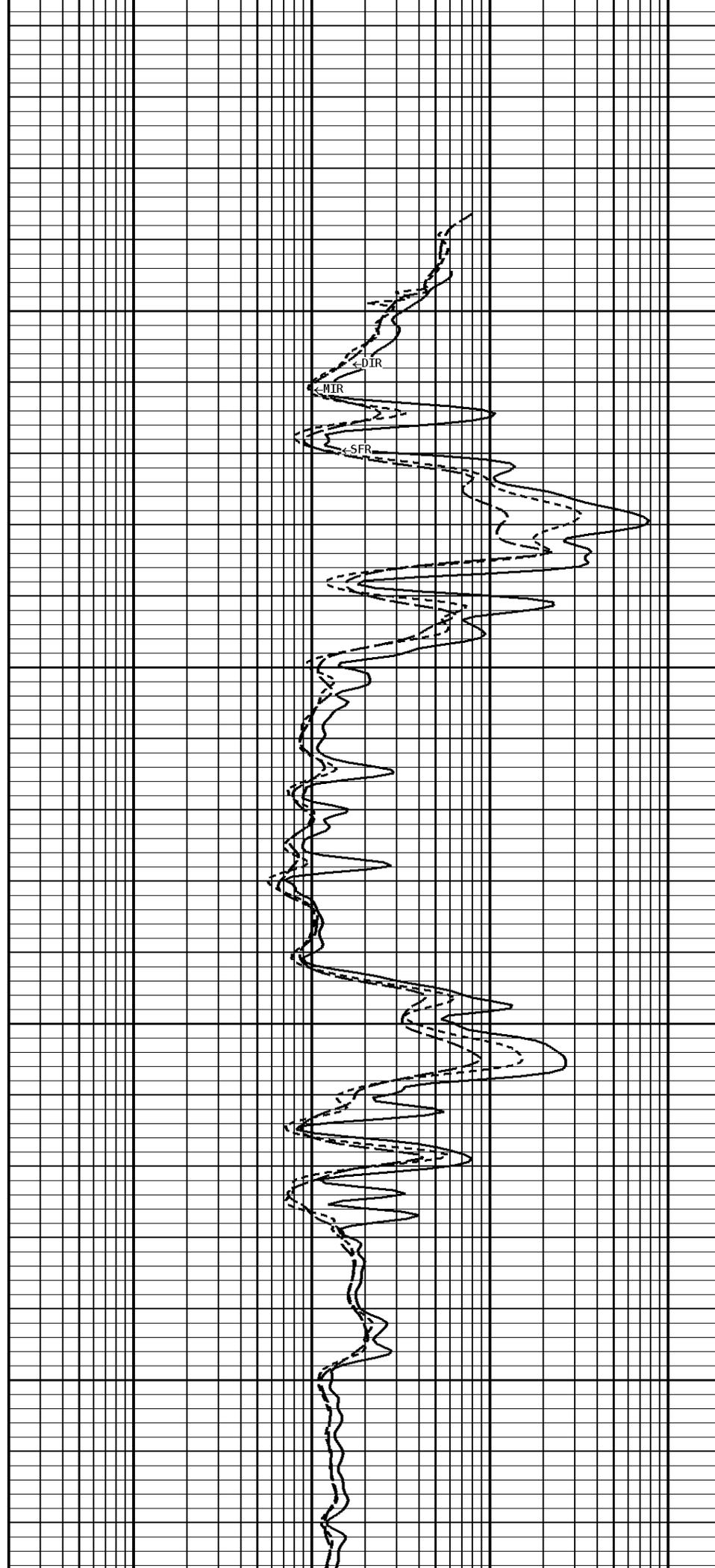
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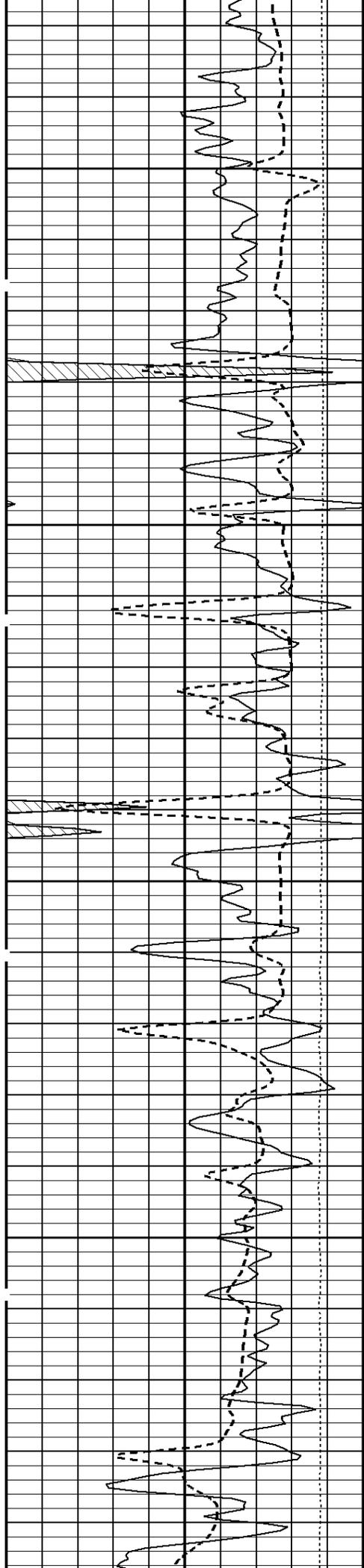




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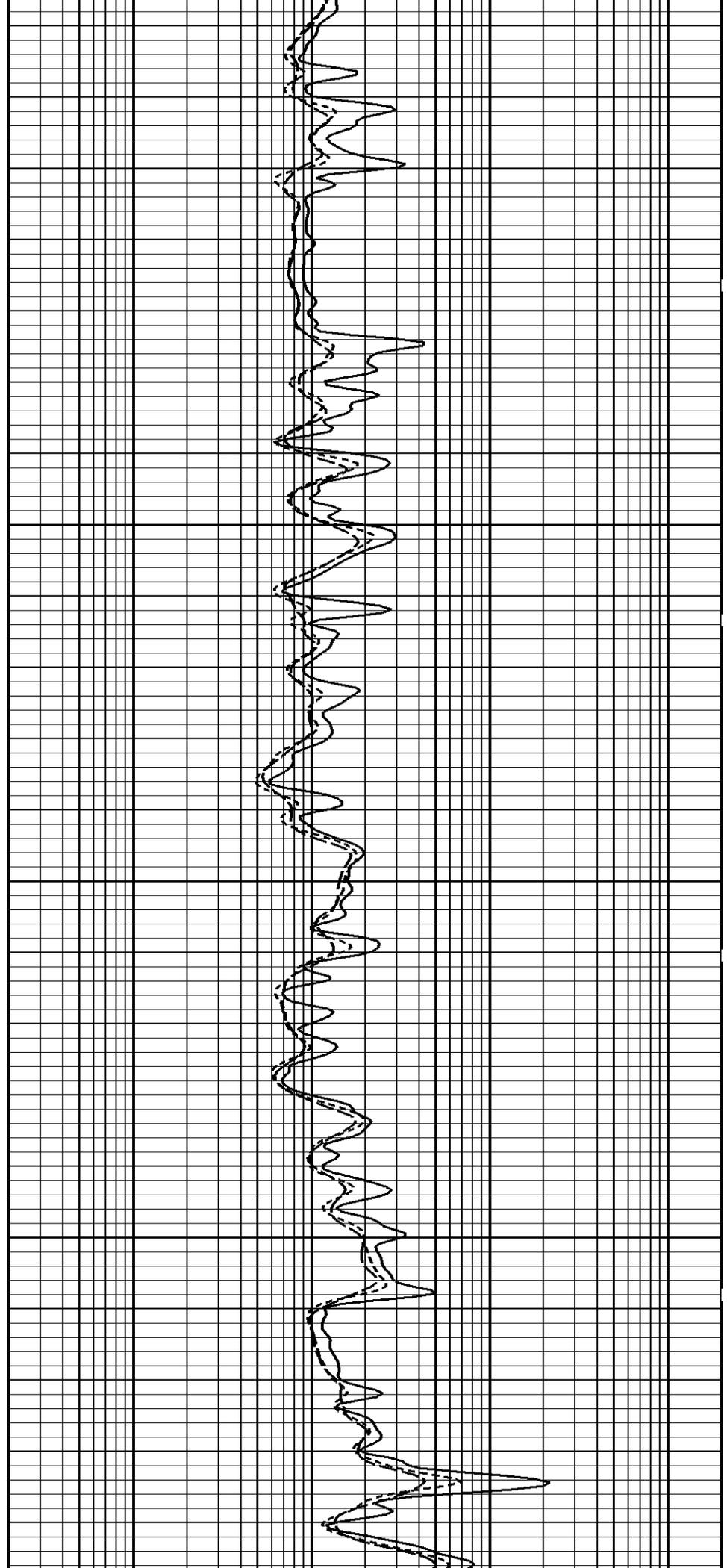
200

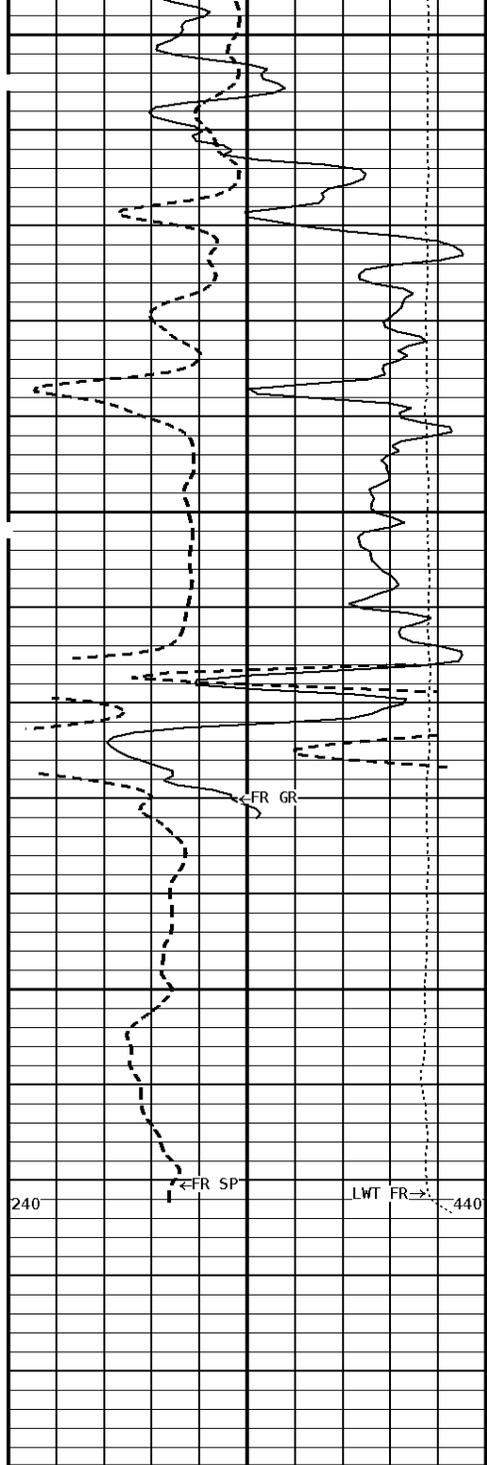




300

400



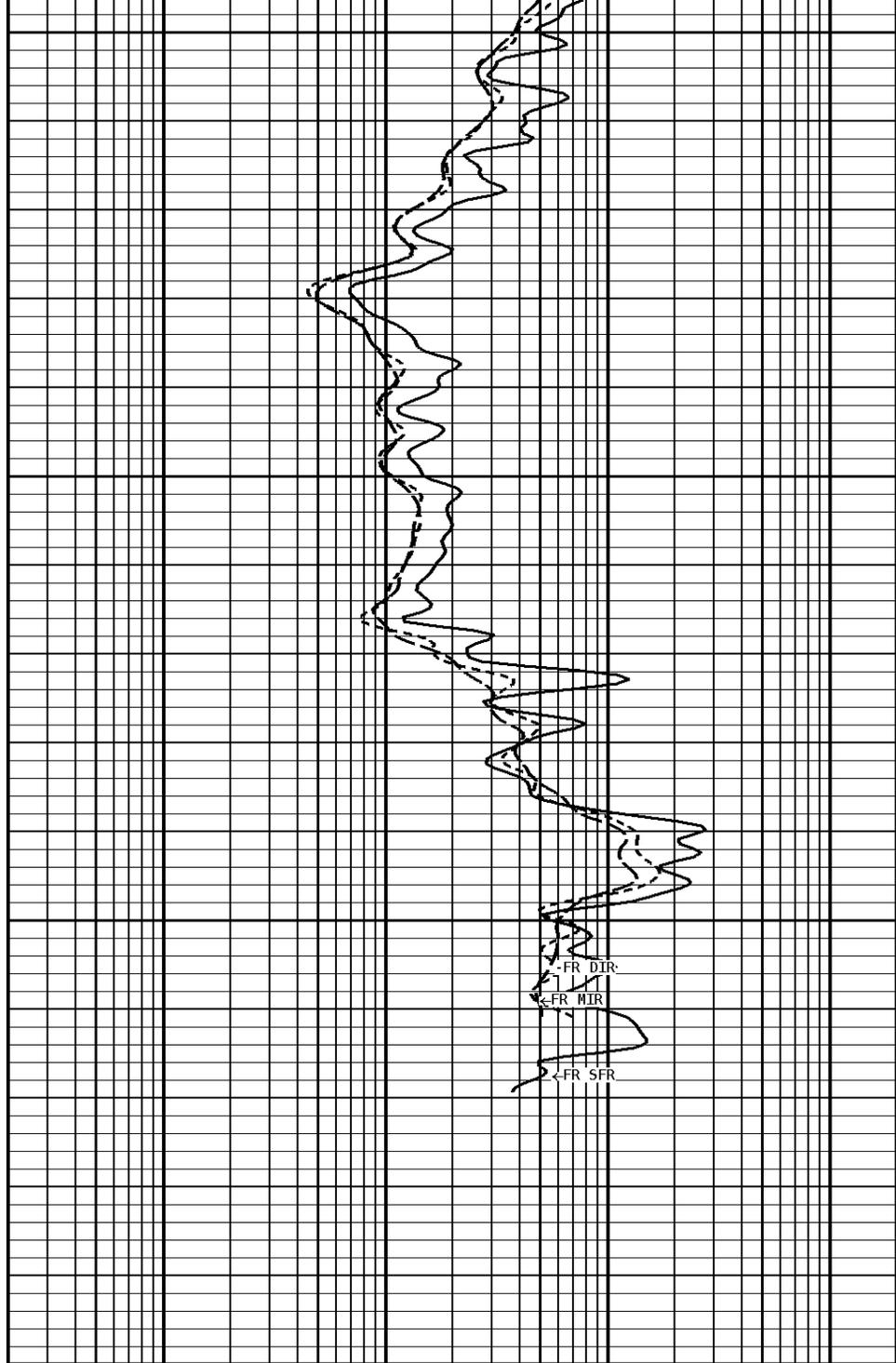


500

572

File #1.1.5

**1:240 MAIN SECTION**



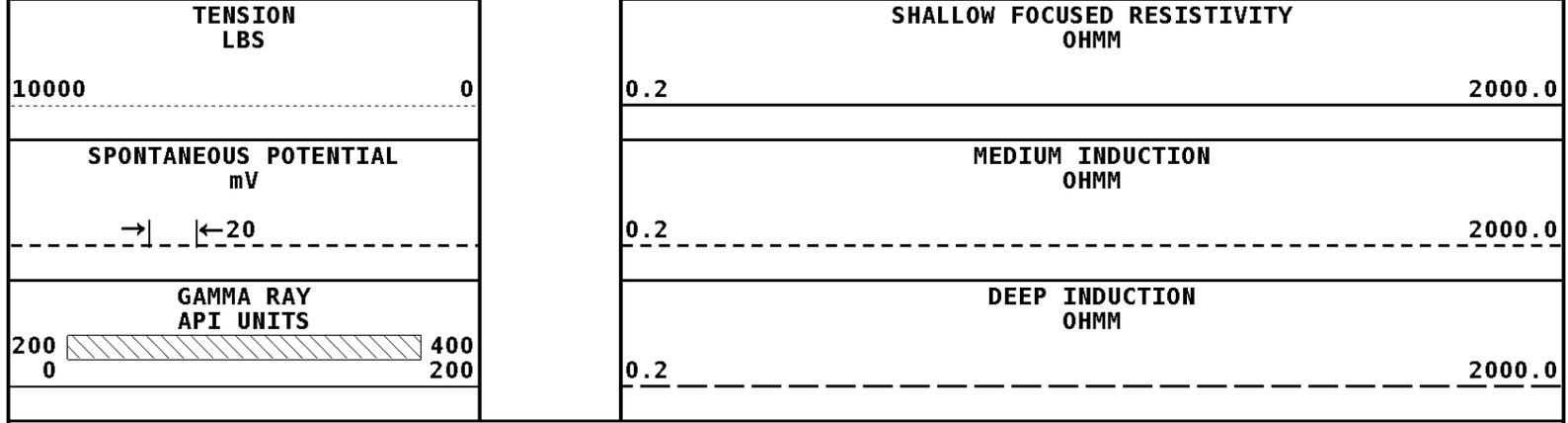
|                                     |            |
|-------------------------------------|------------|
| <b>GAMMA RAY<br/>API UNITS</b>      |            |
| 200<br>0                            | 400<br>200 |
| <b>SPONTANEOUS POTENTIAL<br/>mV</b> |            |
| →                                   | ←20        |
| <b>TENSION<br/>LBS</b>              |            |
| 10000                               | 0          |

|   |        |
|---|--------|
| <b>DEEP INDUCTION<br/>OHMM</b>              |        |
| 0.2   | 2000.0 |
| <b>MEDIUM INDUCTION<br/>OHMM</b>            |        |
| 0.2   | 2000.0 |
| <b>SHALLOW FOCUSED RESISTIVITY<br/>OHMM</b> |        |
| 0.2   | 2000.0 |

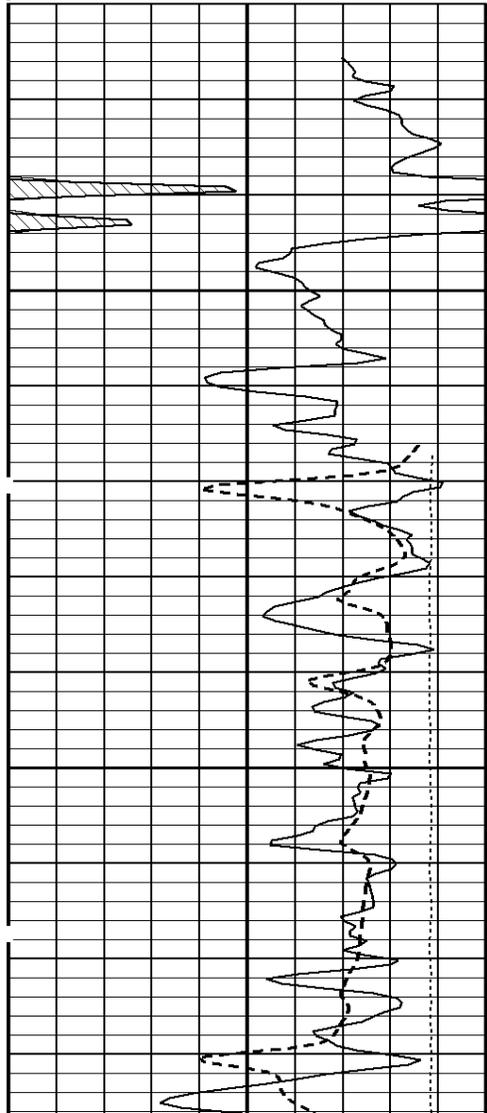
\* Bonehale Zone Factors \*

|                                      |         |       |
|--------------------------------------|---------|-------|
| <b>Zone 1 99999.0 to 0.0 Feet</b>    |         |       |
| Drill Bit Size _____                 | 6.750   | in    |
| BHT Depth _____                      | 575.000 | ft    |
| Borehole Temperature _____           | 85.0    | degF  |
| Temperature Gradient _____           | 1.00    | DFHF  |
| Resistivity Of Mud _____             | 3.400   | ohm/m |
| Standoff _____                       | 0.0     |       |
| Resistivity Of Mud Temperature _____ | 84.00   | degF  |

|   |  |
|---|--|
| <b>Well File:</b> RFP_WUNDERLY_11-36D-4_AUG29_STK | <b>Scale:</b> 1:240                            |
| <b>Segment:</b> V1.D1.S3 Reprocess of repeat      | <b>Acquired:</b> 2011-08/29 09:48 3.2.0-10220  |
| <b>Reference:</b> 0                               | <b>Processed:</b> 2011-08/29 10:12 3.2.0-10220 |

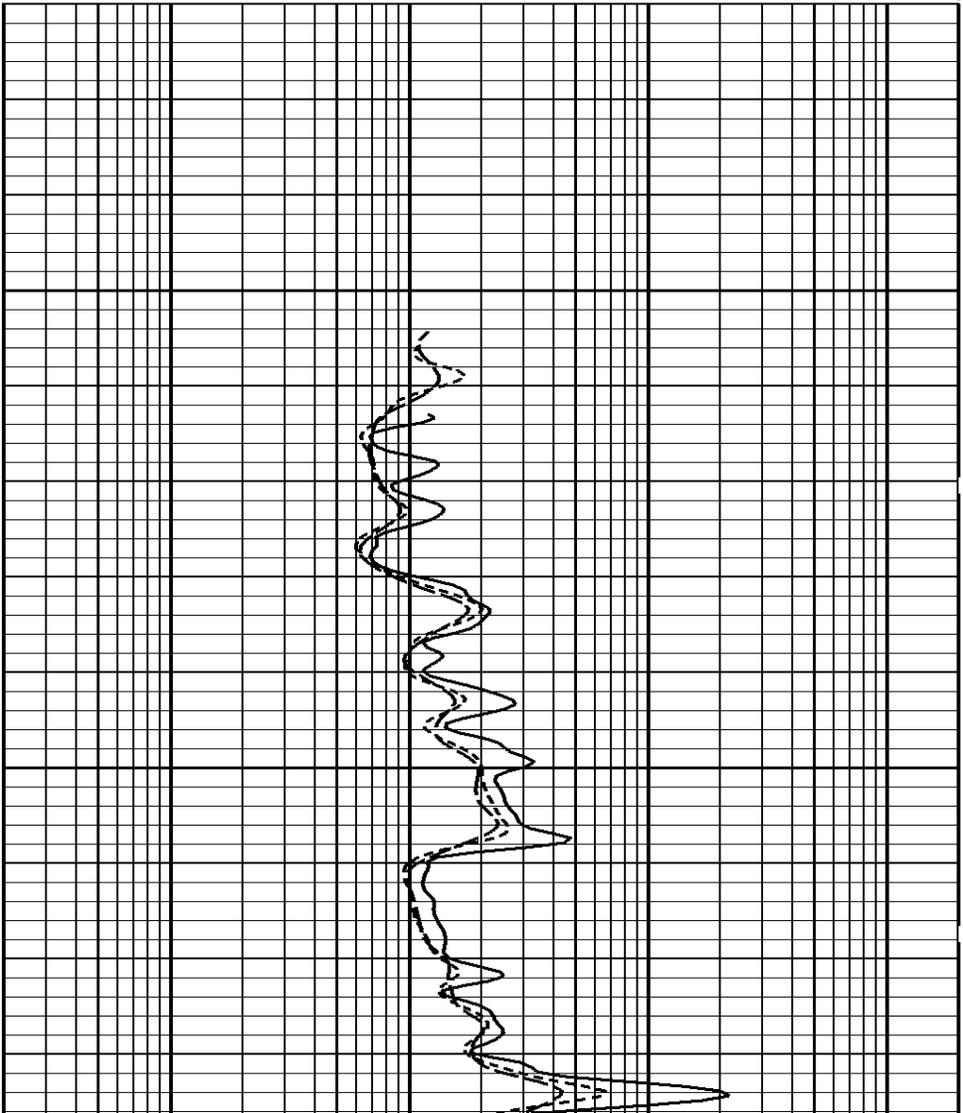


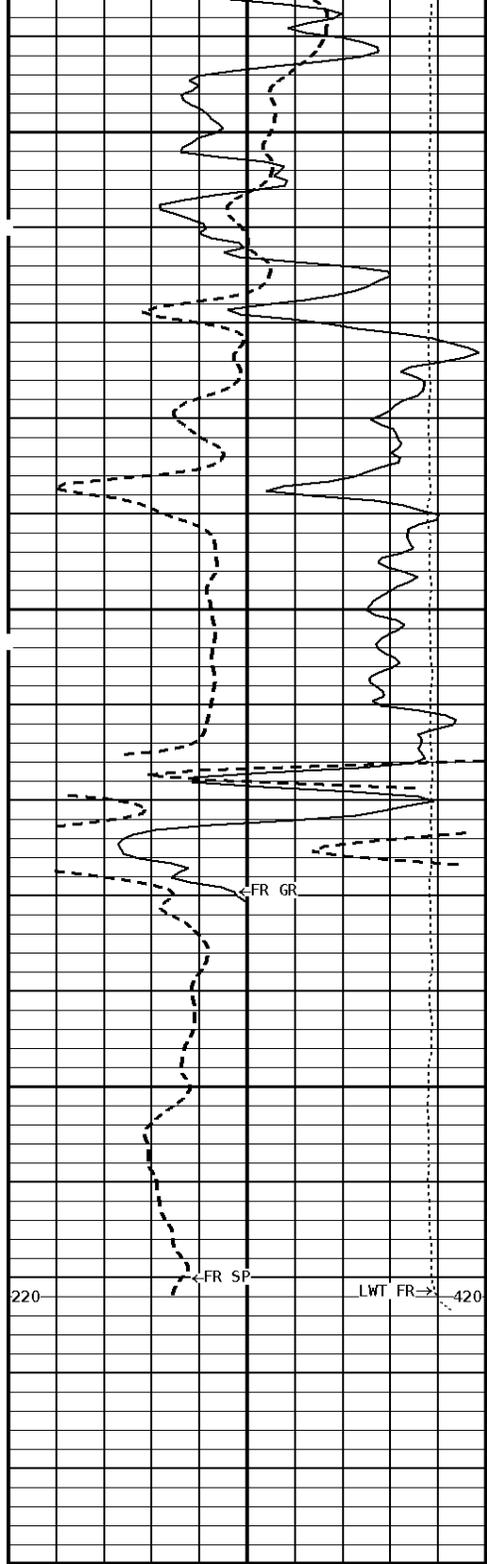
**1:240 REPEAT SECTION**



File #1.1.3

400

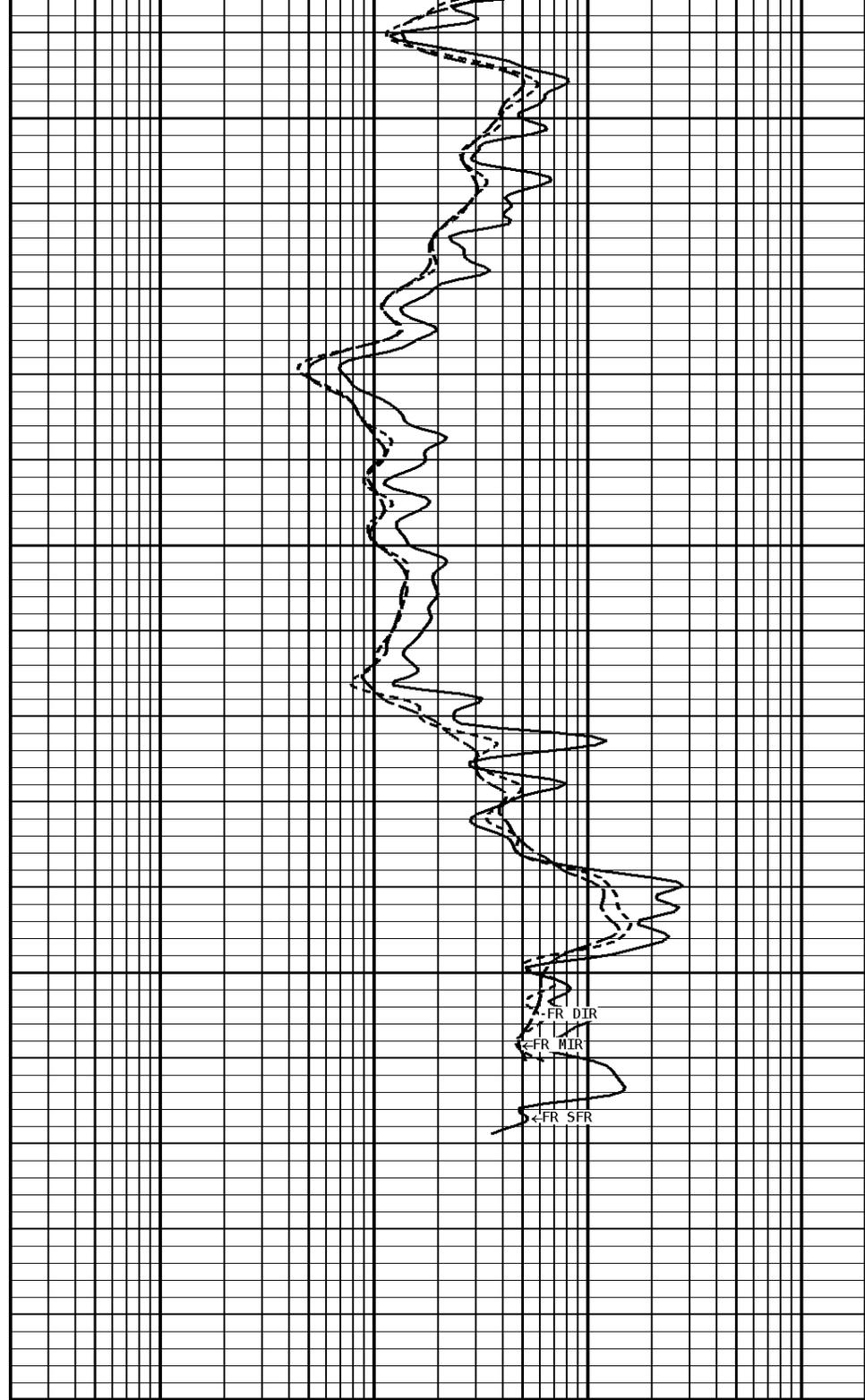




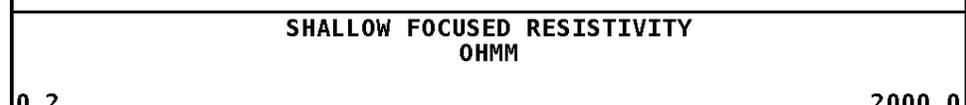
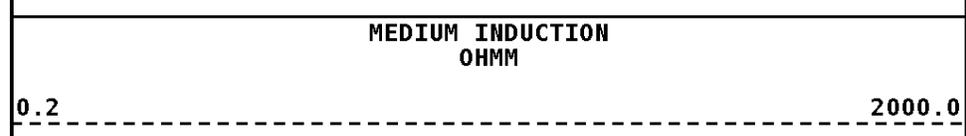
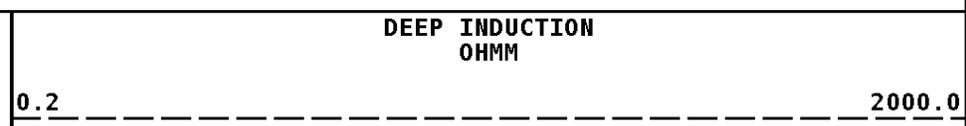
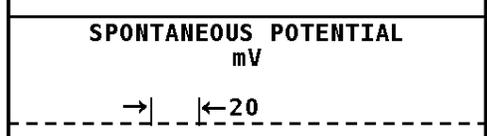
File #1.1.3

500

572



1:240 REPEAT SECTION



**\* Borehole Zone Factors \***

| Zone 1 99999.0 to 0.0 Feet     |       |             |
|--------------------------------|-------|-------------|
| Drill Bit Size                 | _____ | 6.750 in    |
| BHT Depth                      | _____ | 575.000 ft  |
| Borehole Temperature           | _____ | 85.0 degF   |
| Temperature Gradient           | _____ | 1.00 DFHF   |
| Resistivity Of Mud             | _____ | 3.400 ohm/m |
| Standoff                       | _____ | 0.0         |
| Resistivity Of Mud Temperature | _____ | 84.00 degF  |

**\* Calibration Summary \***

| Shop Calibration<br>GRT-B |            |       |                |       |  |
|---------------------------|------------|-------|----------------|-------|--|
| Performed : 16-MAY-2011   |            |       | Time : 09:49   |       |  |
| Sensor Suite : GR-GR5     |            |       | ID : GRT-BA-14 |       |  |
|                           | Measured   | Units | Calibrated     | Units |  |
| GR                        | Background | Jig   | Jig            | GRAPI |  |
|                           | 50         | 361   | 175            |       |  |

| Shop Calibration<br>PIT-CA |          |         |                |        |       |  |
|----------------------------|----------|---------|----------------|--------|-------|--|
| Performed : 09-Jan-2009    |          |         | Time : 11:39   |        |       |  |
| Sensor Suite : P-IND-T     |          |         | ID : PIT-AC-25 |        |       |  |
| Medium                     |          |         |                |        |       |  |
|                            | Measured |         | Calibrated     |        | Units |  |
|                            | R        | X       | R              | X      |       |  |
| Air                        | 130408   | 130852  | -0.4           | -0.1   | MMHOS |  |
| Zero                       | 131064   | 131071  | 0.0            | 0.0    | MMHOS |  |
| Reference                  | 245411   | 245188  | 5000.0         | 5000.0 | MMHOS |  |
| Loop                       | 150067   | 172702  | 2692.9         | 973.9  | MMHOS |  |
| Sonde Error                |          |         | -0.9           | 0.0    | MMHOS |  |
| Cond                       |          |         | 5000.0         | 5000.0 | MMHOS |  |
| Deep                       |          |         |                |        |       |  |
|                            | Measured |         | Calibrated     |        | Units |  |
|                            | R        | X       | R              | X      |       |  |
| Air                        | 126925   | 133130  | -0.3           | -0.1   | MMHOS |  |
| Zero                       | 131070   | 131075  | 0.0            | 0.0    | MMHOS |  |
| Reference                  | 226156   | 226913  | 2000.0         | 2000.0 | MMHOS |  |
| Loop                       | 146093   | 174470  | 1265.6         | 459.5  | MMHOS |  |
| Sonde Error                |          |         | -2.6           | -6.0   | MMHOS |  |
| Cond                       |          |         | 2000.0         | 2000.0 | MMHOS |  |
| Temperature                |          |         |                |        |       |  |
|                            | Measured |         | Calibrated     |        | Units |  |
|                            | Low      | High    | Low            | High   |       |  |
|                            | 16980.0  | 56920.0 | 70.0           | 350.0  | DEGF  |  |

| Shop Calibration<br>PIT-CA |          |           |                |           |       |  |
|----------------------------|----------|-----------|----------------|-----------|-------|--|
| Performed : 09-Jan-2009    |          |           | Time : 11:35   |           |       |  |
| Sensor Suite : SFL         |          |           | ID : PIT-AC-25 |           |       |  |
| Internal                   |          |           |                |           |       |  |
|                            | Measured |           | Calibrated     |           | Units |  |
|                            | Zero     | Reference | Zero           | Reference |       |  |
| Im                         | 32768.5  | 50183.6   | 0.0            | 7028.0    | uA    |  |
| Ib                         | 32766.3  | 49460.7   | 0.0            | 1750.0    | mA    |  |
| MOM1                       | 32780.1  | 57601.4   | 0.0            | 175.0     | mV    |  |
| Equivalent SFL             |          |           |                | 43.97     | OHMM  |  |

| Shop Calibration<br>PIT-CA |          |           |                |           |       |  |
|----------------------------|----------|-----------|----------------|-----------|-------|--|
| Performed : 09-Jan-2009    |          |           | Time : 11:24   |           |       |  |
| Sensor Suite : P-SP        |          |           | ID : PIT-AC-25 |           |       |  |
| Internal                   |          |           |                |           |       |  |
|                            | Measured |           | Calibrated     |           | Units |  |
|                            | Zero     | Reference | Zero           | Reference |       |  |
|                            | 32790.7  | 58803.7   | 0.0            | 1000.0    | mV    |  |

| Shop Calibration<br>PIT-CA |          |           |                |           |       |  |
|----------------------------|----------|-----------|----------------|-----------|-------|--|
| Performed : 07-Sep-2007    |          |           | Time : 15:42   |           |       |  |
| Sensor Suite : P-RMUD      |          |           | ID : PIT-AC-25 |           |       |  |
| Internal                   |          |           |                |           |       |  |
|                            | Measured |           | Calibrated     |           | Units |  |
|                            | Zero     | Reference | Zero           | Reference |       |  |
| Rmi                        | 15.2     | 48641.4   | 0.0            | 290.6     | mA    |  |

Well File: RFP WUNDERLY 11-36D-4 AUG29\_STK

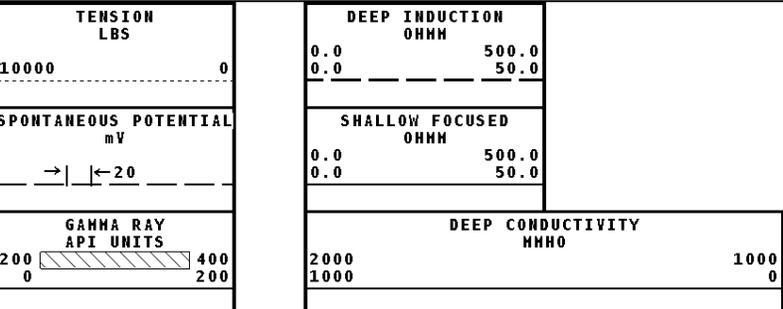
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Segment: V1.D1.S5 Reprocess of main

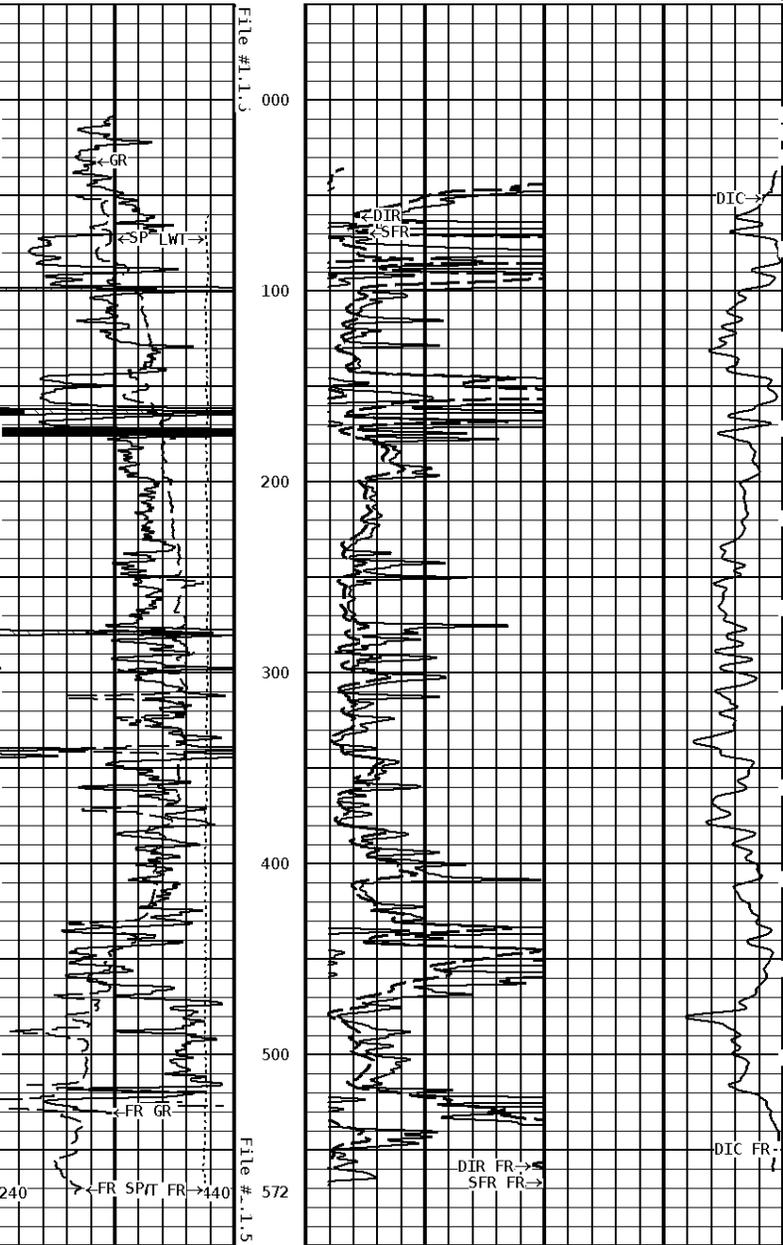
Acquired: 2011-08/29 09:58 3.2.0-10220

Reference: 0

Processed: 2011-08/29 10:11 3.2.0-10220



1:1200 MAIN SECTION



1:1200 MAIN SECTION



|                              |      |
|------------------------------|------|
| <b>SPONTANEOUS POTENTIAL</b> |      |
| mV                           |      |
| →                            | ← 20 |
| <b>TENSION</b>               |      |
| LBS                          |      |
| 10000                        | 0    |

|                        |       |
|------------------------|-------|
| <b>SHALLOW FOCUSED</b> |       |
| OHMM                   |       |
| 0.0                    | 500.0 |
| 0.0                    | 50.0  |
| <b>DEEP INDUCTION</b>  |       |
| OHMM                   |       |
| 0.0                    | 500.0 |
| 0.0                    | 50.0  |