

# COMPENSATED NEUTRON PEL DENSITY MICRO LOG

|                                                                                                                                     |                           |                                                                                                       |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Company</b><br><b>Well</b><br><b>Field</b><br><b>County</b><br><b>State</b><br><b>Country</b><br><b>API No.</b>                  |                           | BEREXCO, LLC<br>CHRISLER #2<br>CHRISLER<br>ELLIS<br>KANSAS<br>USA<br>15-051-26982-00-00               |                                       |
| <b>File No</b><br><b>Company</b><br><b>Well</b><br><b>Field</b><br><b>County</b><br><b>State</b><br><b>Country</b><br><b>API No</b> |                           | HAYS-70400<br>BEREXCO, LLC<br>CHRISLER #2<br>CHRISLER<br>ELLIS<br>KANSAS<br>USA<br>15-051-26982-00-00 |                                       |
| <b>Location :</b><br>1240' FSL & 930' FWL<br>NW NE SW SW                                                                            |                           |                                                                                                       |                                       |
| <b>LSD :</b>                                                                                                                        |                           | <b>Sect : 22</b>                                                                                      | <b>Twp : 11s Rge : 16w</b>            |
| <b>Permanent Datum:</b><br><b>Drilling Measured From:</b><br><b>Log Measured From:</b><br><b>Above Permanent Datum:</b>             | GL<br>KB<br>KB<br>0.00 Ft | <b>Elevations:</b><br>KB 1826.00<br>DF 1825.00<br>GL 1819.00                                          | <b>Services:</b><br>GRT<br>NDT<br>CNT |
| <b>Date</b>                                                                                                                         | 2020-02-13                |                                                                                                       |                                       |
| <b>Run Number</b>                                                                                                                   | 1                         |                                                                                                       |                                       |
| <b>Depth--Driller</b>                                                                                                               | 3500.0 Ft                 |                                                                                                       |                                       |
| <b>Depth--Logger</b>                                                                                                                | 3500.0 Ft                 |                                                                                                       |                                       |
| <b>First Reading</b>                                                                                                                | 3478.0 Ft                 |                                                                                                       |                                       |
| <b>Last Reading</b>                                                                                                                 | 2500.0 Ft                 |                                                                                                       |                                       |
| <b>Casing--Driller</b>                                                                                                              | 982.0 Ft                  |                                                                                                       |                                       |
| <b>Casing--Logger</b>                                                                                                               | 982.0 Ft                  |                                                                                                       |                                       |
| <b>Bit Size</b>                                                                                                                     | 7.875 In                  |                                                                                                       |                                       |
| <b>Casing Size</b>                                                                                                                  | 8.625 In                  |                                                                                                       |                                       |
| <b>Hole Fluid Type</b>                                                                                                              | CHEMICAL                  |                                                                                                       |                                       |
| <b>Density</b>                                                                                                                      | 9.1                       |                                                                                                       |                                       |
| <b>Fluid Loss</b>                                                                                                                   | 9.2                       |                                                                                                       |                                       |
| <b>PH/Viscosity</b>                                                                                                                 | 10.0                      | 60.0                                                                                                  |                                       |
| <b>Sample Source</b>                                                                                                                | MEASURED                  |                                                                                                       |                                       |
| <b>RM@Measured Temp.</b>                                                                                                            | 0.600 @ 69 F              |                                                                                                       |                                       |
| <b>RMF@Measured Temp</b>                                                                                                            | 0.510 @ 69 F              |                                                                                                       |                                       |
| <b>RMG@Measured Temp.</b>                                                                                                           | 0.690 @ 69 F              |                                                                                                       |                                       |
| <b>Source RMF/RMG</b>                                                                                                               | CALCULATED                |                                                                                                       |                                       |
| <b>RM@BHT</b>                                                                                                                       | 0.340 @ 95 F              |                                                                                                       |                                       |
| <b>Time Circulation Stopped</b>                                                                                                     | 2020-02-13 00:00          |                                                                                                       |                                       |
| <b>Max Recorded Temp.</b>                                                                                                           | 95 F                      |                                                                                                       |                                       |
| <b>Equipment/Base</b>                                                                                                               | TRK137                    | HAYS                                                                                                  |                                       |
| <b>Recorded By</b>                                                                                                                  | B.BAILEY                  |                                                                                                       |                                       |
| <b>Witnessed By</b>                                                                                                                 | J.SMITH                   |                                                                                                       |                                       |

The customer is hereby warned that by providing the log data herein, STEP Energy Services does not agree to provide any interpretation of log data, conversion of log data to physical rock parameters or recommendations. STEP Energy Services does not guarantee or warrant either expressly or impliedly, the accuracy of any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by STEP Energy Services personnel. Any interpretation, conversion or recommendation is not part of the consideration for the agreement between the parties and is not part of any part of the charge by STEP Energy Services for its services. Any user of the log data is warned that said user is not entitled to rely on interpretations, conversions or recommendations as aforesaid.

| Bitsize Intervals |             | Casing Strings |              |             |          |
|-------------------|-------------|----------------|--------------|-------------|----------|
| Size (In)         | Bottom (Ft) | Size (In)      | Weight (Lbs) | Bottom (Ft) | Top (Ft) |
| 7.875             | 3500.00     | 8.625          | 17.00        | 982.00      | 0.00     |
|                   |             |                |              |             |          |
|                   |             |                |              |             |          |
|                   |             |                |              |             |          |
|                   |             |                |              |             |          |
|                   |             |                |              |             |          |

|                     |                  |  |  |
|---------------------|------------------|--|--|
| Run Number          | 1                |  |  |
| Date                | 2020-02-13       |  |  |
| Date/Time On Bottom | 2020-02-13 02:59 |  |  |
| Depth to Fluid      | 0.0 Ft           |  |  |
| Salinity            | 5000.000         |  |  |
| RMF@BHT             | 0.290 @ 95 F     |  |  |
| RMC@BHT             | 0.390 @ 95 F     |  |  |

ALL PRESENTATIONS AS PER CUSTOMER REQUEST.

GRT, CNT, LDT, MLT, AND PIT RUN IN COMBINATION.

2.71 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY.

5.5" PRODUCTION CASING USED TO CALCULATE ANNULAR HOLE VOLUME.

CALIPERS ORIENTED ON X-Y AXIS.

PHIN IS CALIPER CORRECTED

DETAIL TO 2500 FT AS PER CLIENT REQUESTED

GRT: GRP

CNT: PHIN, PHINDOL, CLCNIN

LDT: PORL, PORLDOL, LCORN, LDENN, PECLN, CLLDIN

MLT: MSFI, MSFN, CLMRIN.

PIT: ILD, ILM, SFLAEC, SPU, CIRD

OPERATORS:

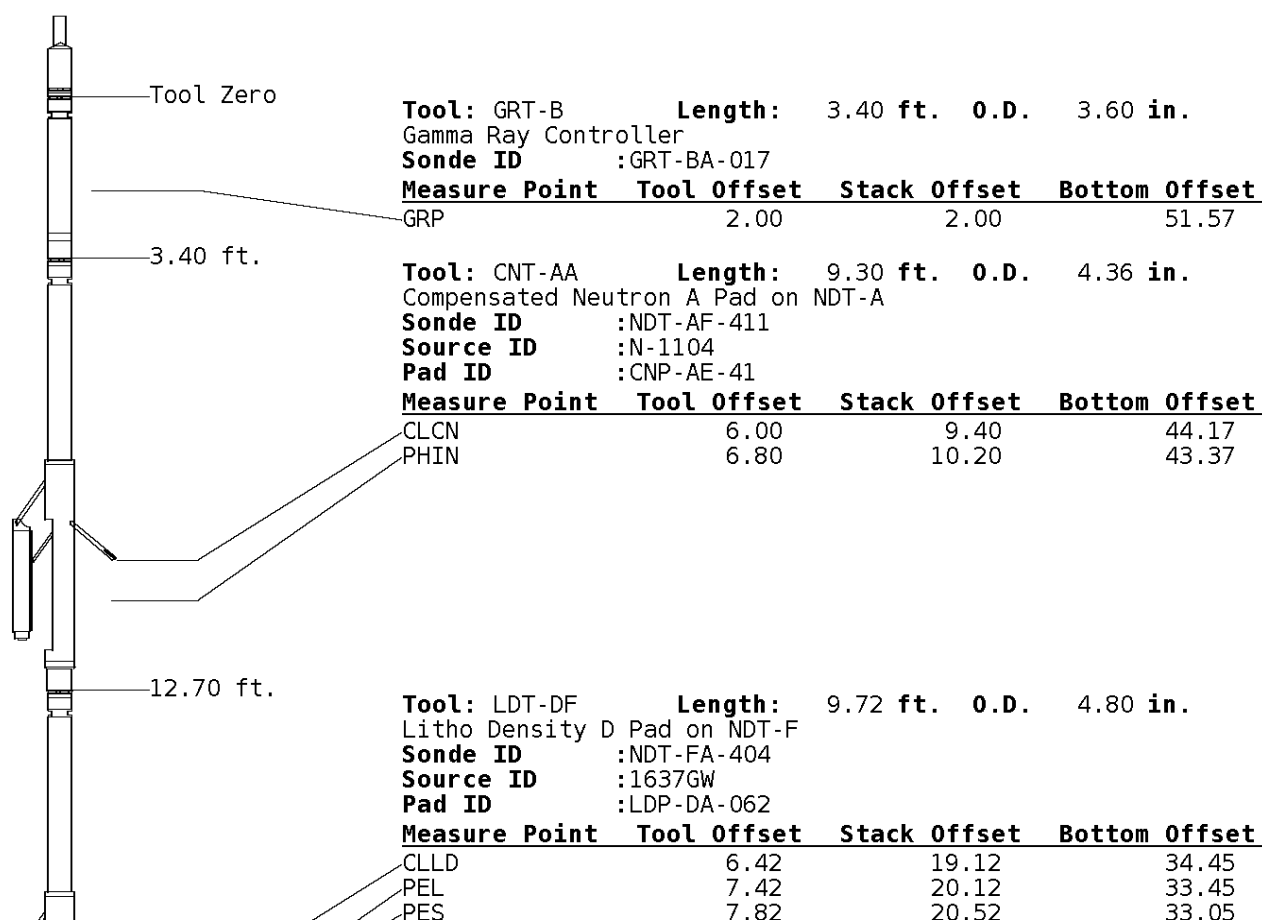
D.LEGLEGITER

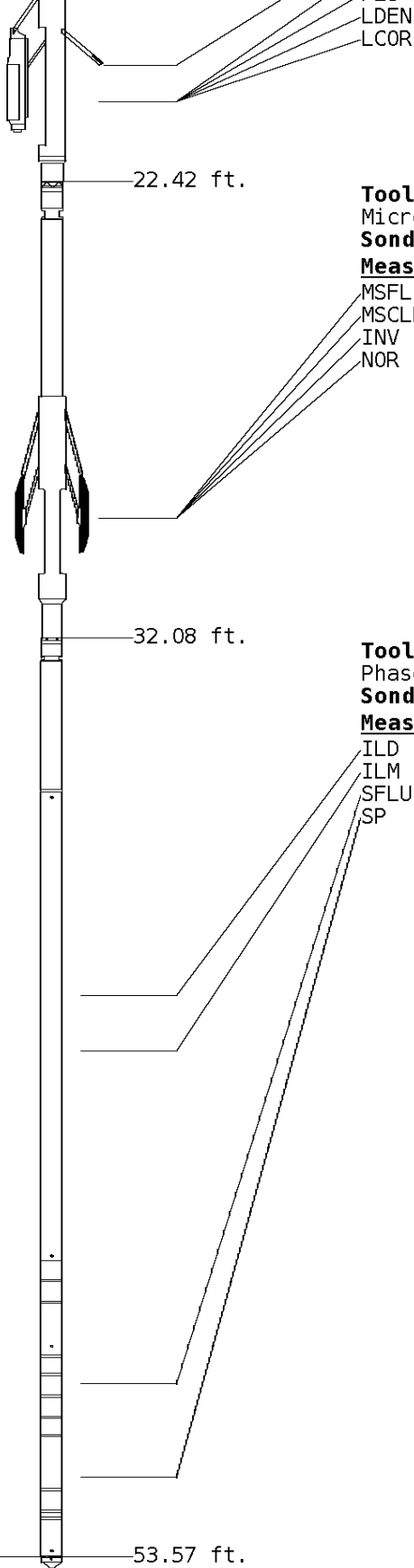
D.RAGSDALE

J.VAUGHN

## Tool String Schematic

**Total Tool Length** - 53.57 ft.  
**Maximum Outside diameter** - 6.00 in.  
**Net Weight in Air** - 943.00 lbs.





|      |      |       |       |
|------|------|-------|-------|
| LDEN | 7.62 | 20.32 | 33.25 |
| LCOR | 7.62 | 20.32 | 33.25 |

**Tool:** MST-DA      **Length:** 9.66 ft.   **O.D.** 6.00 in.  
 Micro Spherically Focused (IC)  
**Sonde ID** :MST-DA-13

| Measure Point | Tool Offset | Stack Offset | Bottom Offset |
|---------------|-------------|--------------|---------------|
| MSFL          | 7.60        | 30.02        | 23.55         |
| MSCLP         | 7.60        | 30.02        | 23.55         |
| INV           | 7.60        | 30.02        | 23.55         |
| NOR           | 7.60        | 30.02        | 23.55         |

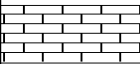
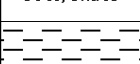
**Tool:** PIT-CA      **Length:** 21.49 ft.   **O.D.** 3.62 in.  
 Phased Dual Induction w/ RM & D  
**Sonde ID** :PIT-AC-043

| Measure Point | Tool Offset | Stack Offset | Bottom Offset |
|---------------|-------------|--------------|---------------|
| ILD           | 8.92        | 41.00        | 12.56         |
| ILM           | 10.10       | 42.18        | 11.39         |
| SFLU          | 17.49       | 49.57        | 4.00          |
| SP            | 20.60       | 52.68        | 0.88          |

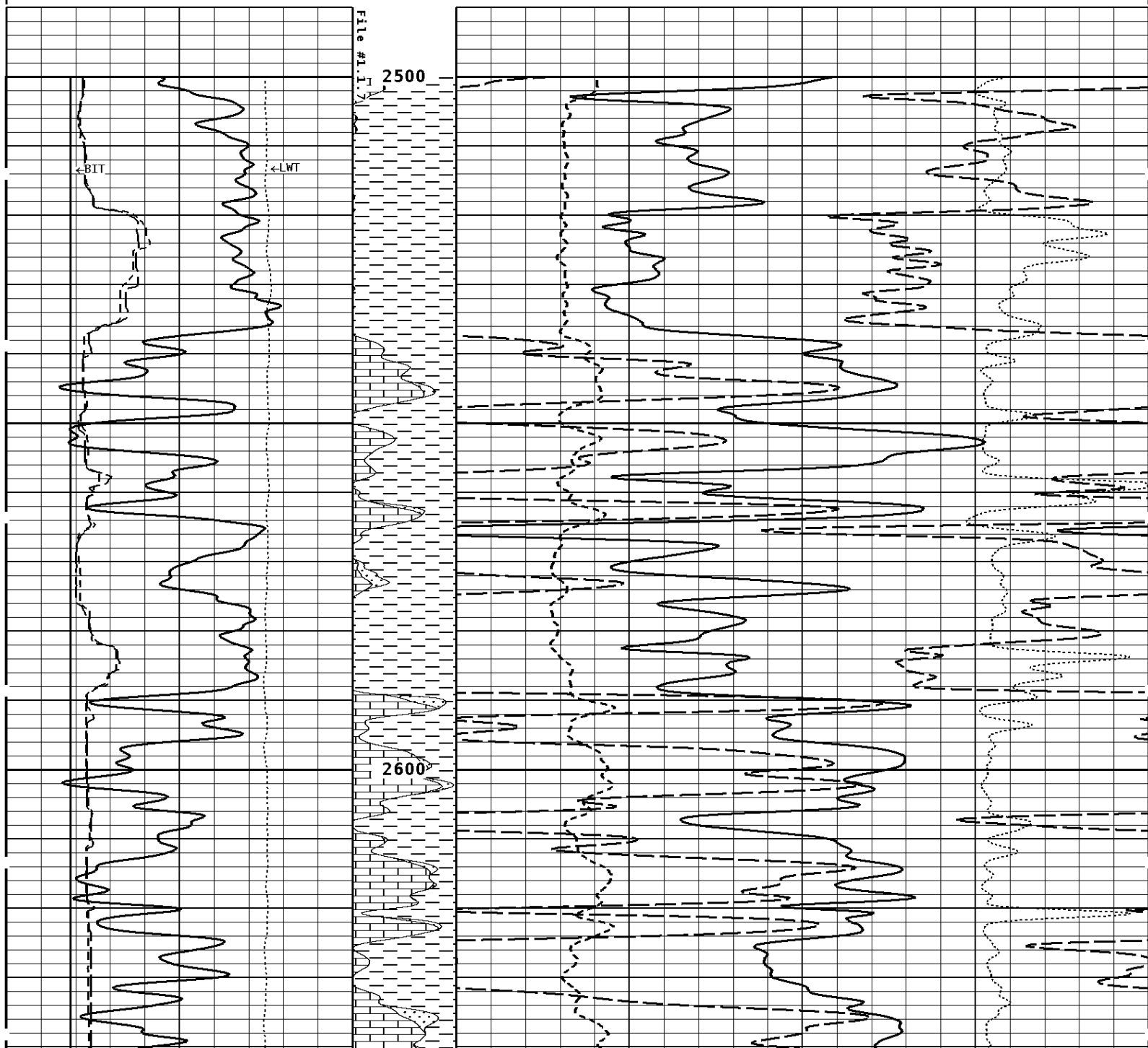
**Well File:** BEREXCO CHRISLER 2 FEB-13\_MSTK      **Scale:** 1:240      **Format:** NLD-240  
**Segment:** V1.D1.S7 Reprocess MAIN      **Acquired:** 2020-02/13 02:58 3.4.1-13972  
**Reference:** 0      **Processed:** 2020-02/13 04:20 3.4.1-13972

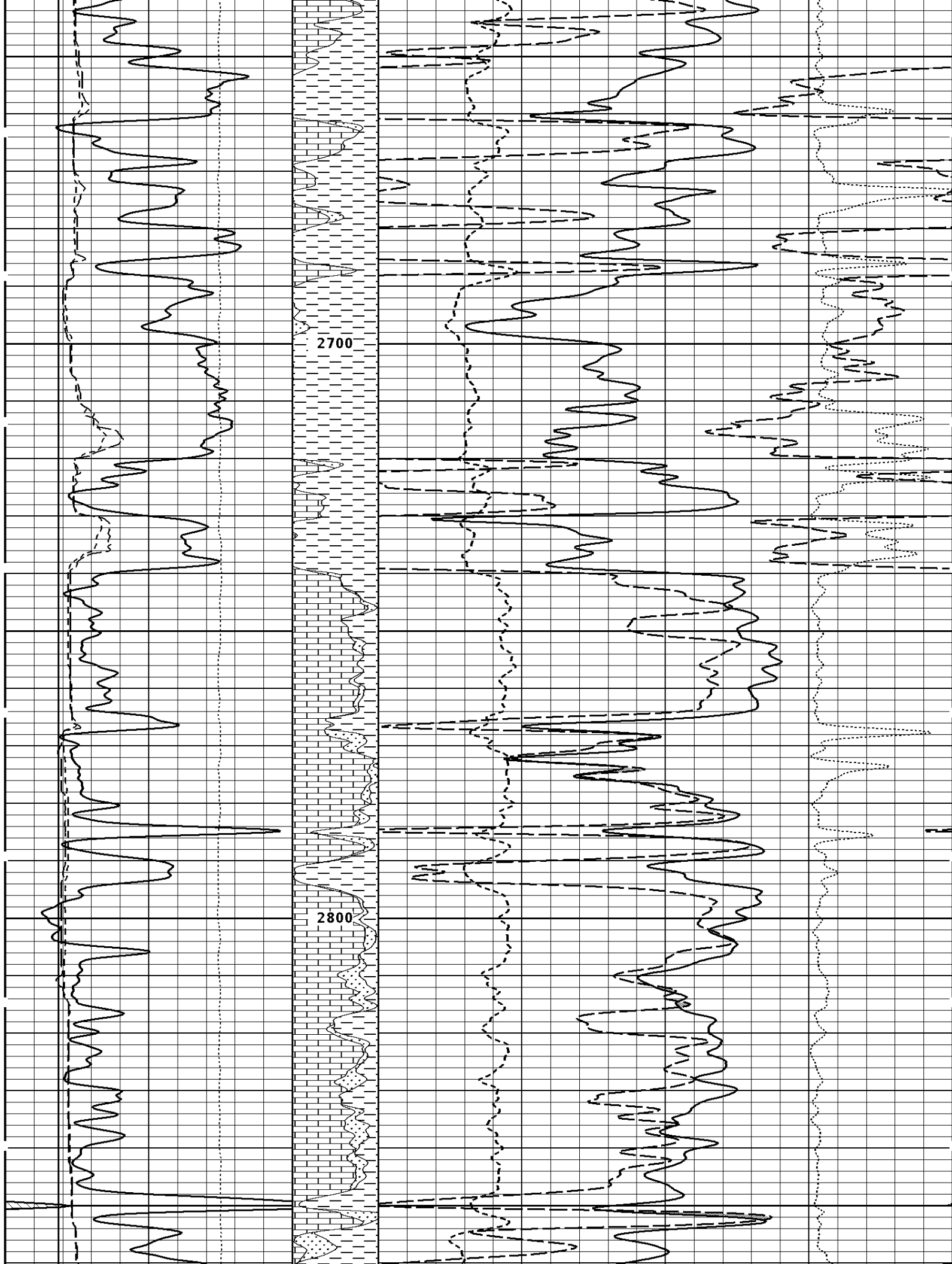
| BIT SIZE<br>INCHES (IN) |    |
|-------------------------|----|
| 6                       | 16 |

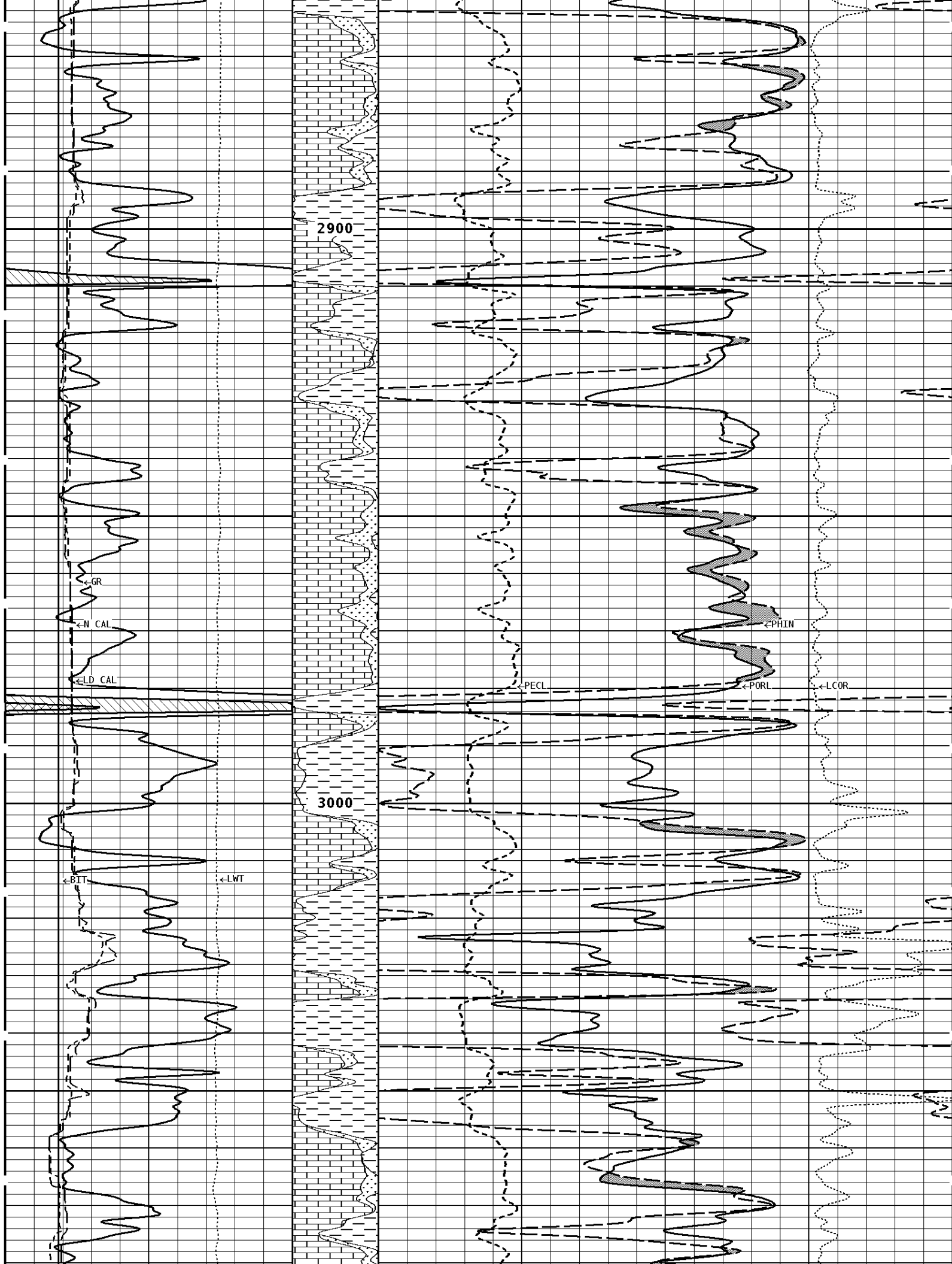
| NEUTRON (Y) CALIPER<br>INCHES (IN) |    |
|------------------------------------|----|
| 16                                 | 26 |

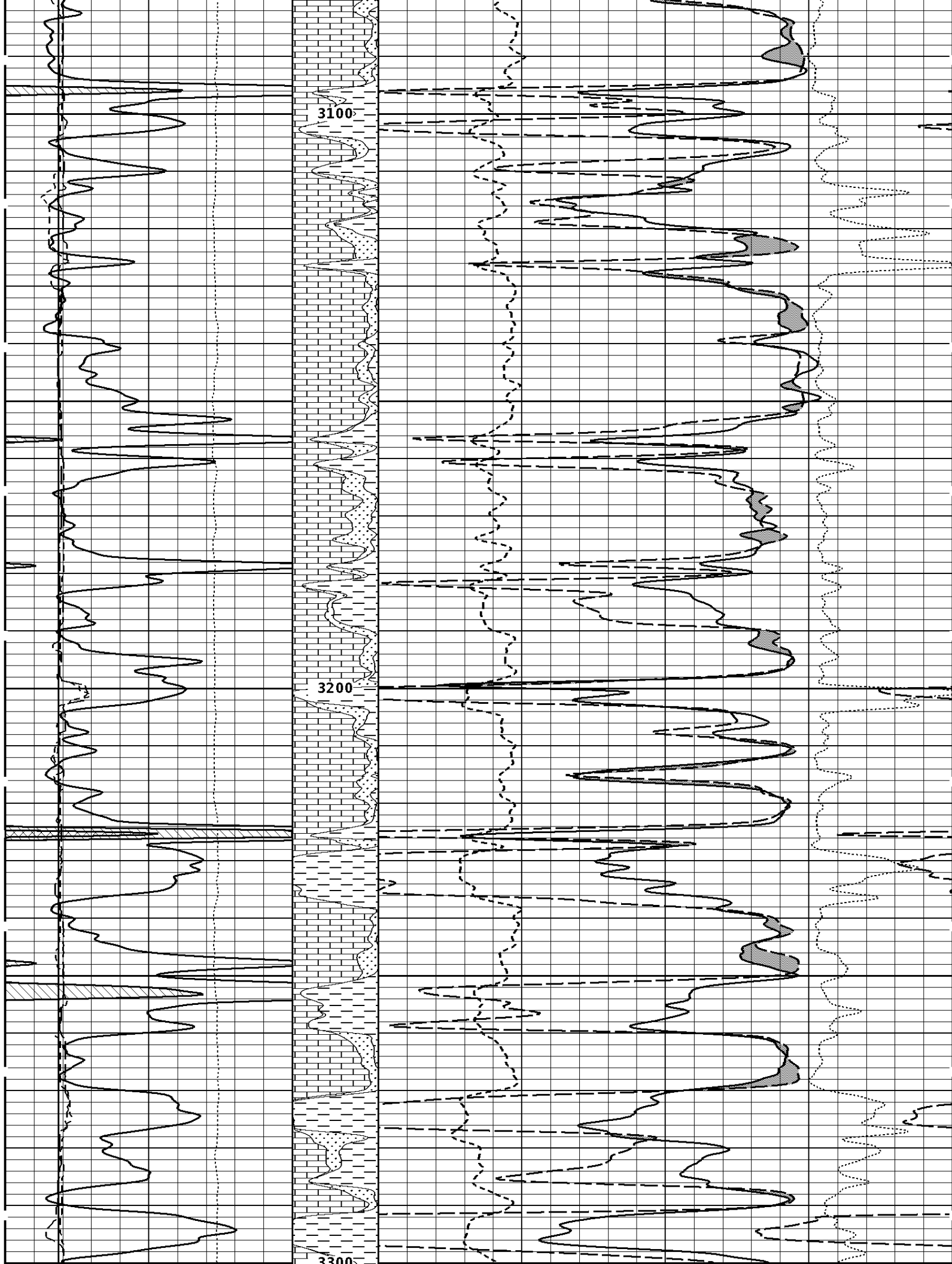
|                                    |            |                                                                                   |                                         |                            |
|------------------------------------|------------|-----------------------------------------------------------------------------------|-----------------------------------------|----------------------------|
| 16<br>6                            | 26<br>16   |                                                                                   |                                         |                            |
| DENSITY (X) CALIPER<br>INCHES (IN) |            | Volume<br>Quartz                                                                  | PE CROSS-SECTION<br>BARNs/ELECTRON      | DENSITY CORRECTION<br>G/CC |
| 16<br>6                            | 26<br>16   |  | 010                                     | -0.250.25                  |
| TENSION<br>LBS                     |            | Volume<br>Calcite                                                                 | DENSITY POROSITY (2.71g/cc)<br>PERCENT  |                            |
| 10000                              | 0          |  | 70<br>30                                | 30<br>-10                  |
|                                    |            |                                                                                   | -10                                     | -50                        |
| GAMMA RAY<br>API UNITS             |            | Volume<br>Dolo/Shale                                                              | NEUTRON POROSITY (LIMESTONE)<br>PERCENT |                            |
| 150<br>0                           | 300<br>150 |  | 70<br>30                                | 30<br>-10                  |

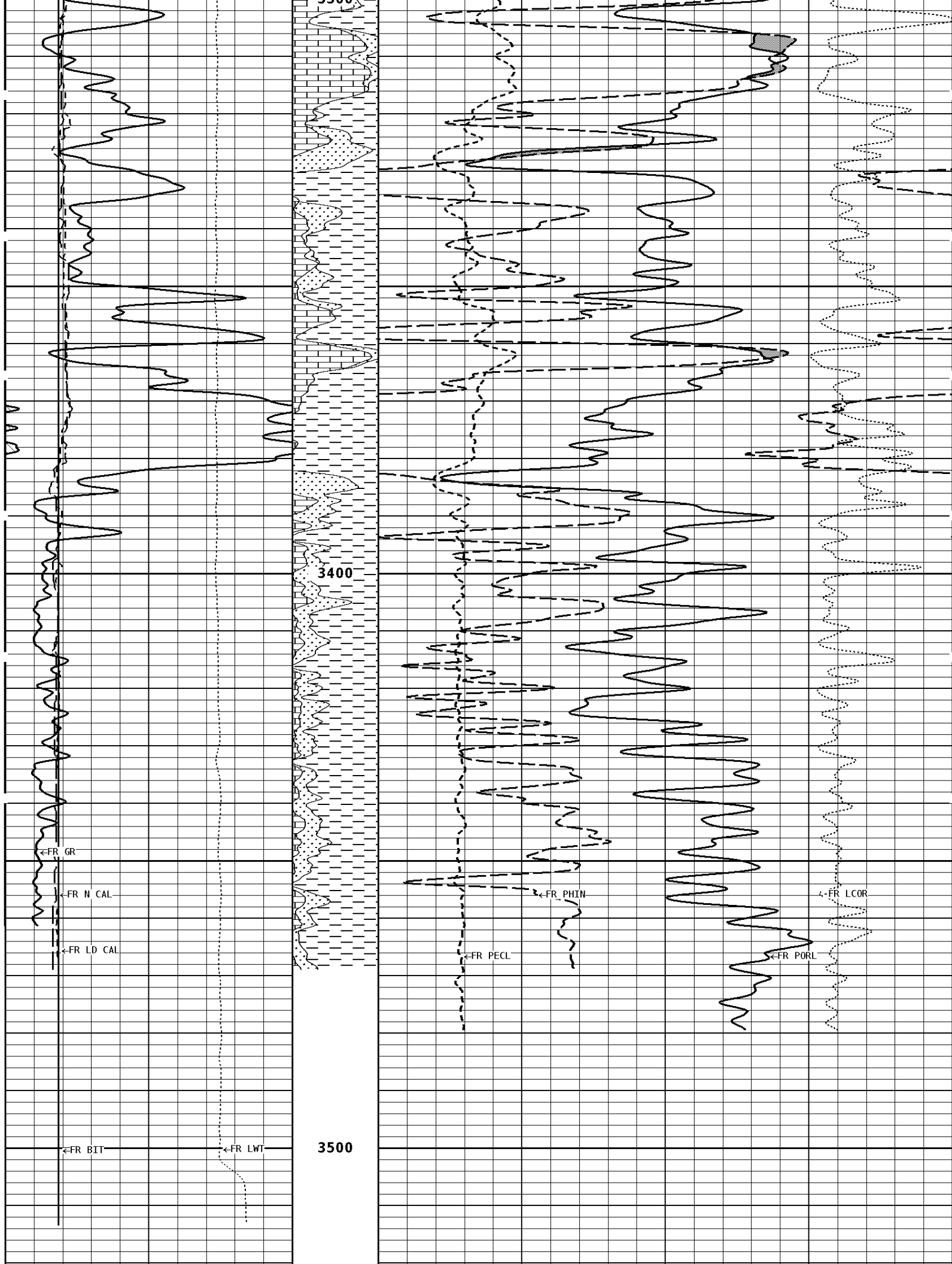
1:240 MAIN SECTION











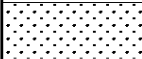
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|                                                                                                                               |  |                                                                                                          |                                                                                                                                 |                                                                                     |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>GAMMA RAY<br/>API UNITS</b><br><div> <div>150</div> <div>0</div> <div></div> <div>300</div> <div>150</div> </div>          |  | <b>Volume<br/>Dolo/Shale</b><br><div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> | <b>NEUTRON POROSITY (LIMESTONE)<br/>PERCENT</b><br><div> <div>70</div> <div>30</div> <div></div> <div></div> <div></div> </div> |                                                                                     | <div> <div>30</div> <div>-10</div> <div></div> </div>    |
| <b>TENSION<br/>LBS</b><br><div> <div>10000</div> <div>0</div> <div></div> </div>                                              |  | <b>Volume<br/>Calcite</b><br><div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>    | <b>DENSITY POROSITY (2.71g/cc)<br/>PERCENT</b><br><div> <div>70</div> <div>30</div> <div></div> </div>                          |                                                                                     | <div> <div>30</div> <div>-10</div> <div>-50</div> </div> |
| <b>DENSITY (X) CALIPER<br/>INCHES (IN)</b><br><div> <div>16</div> <div>6</div> <div></div> <div>26</div> <div>16</div> </div> |  | <b>Volume<br/>Quartz</b><br><div> <div></div> <div></div> <div></div> </div>                             | <b>PE CROSS-SECTION<br/>BARNs/ELECTRON</b><br><div> <div>0</div> <div>10</div> <div></div> </div>                               | <b>DENSITY CORRECTION<br/>G/CC</b><br><div> <div>-0.25</div> <div>0.25</div> </div> |                                                          |
| <b>NEUTRON (Y) CALIPER<br/>INCHES (IN)</b><br><div> <div>16</div> <div>6</div> <div></div> <div>26</div> <div>16</div> </div> |  |                                                                                                          |                                                                                                                                 |                                                                                     |                                                          |
| <b>BIT SIZE<br/>INCHES (IN)</b><br><div> <div>6</div> <div>16</div> </div>                                                    |  |                                                                                                          |                                                                                                                                 |                                                                                     |                                                          |

**\* Borehole Zone Factors \***

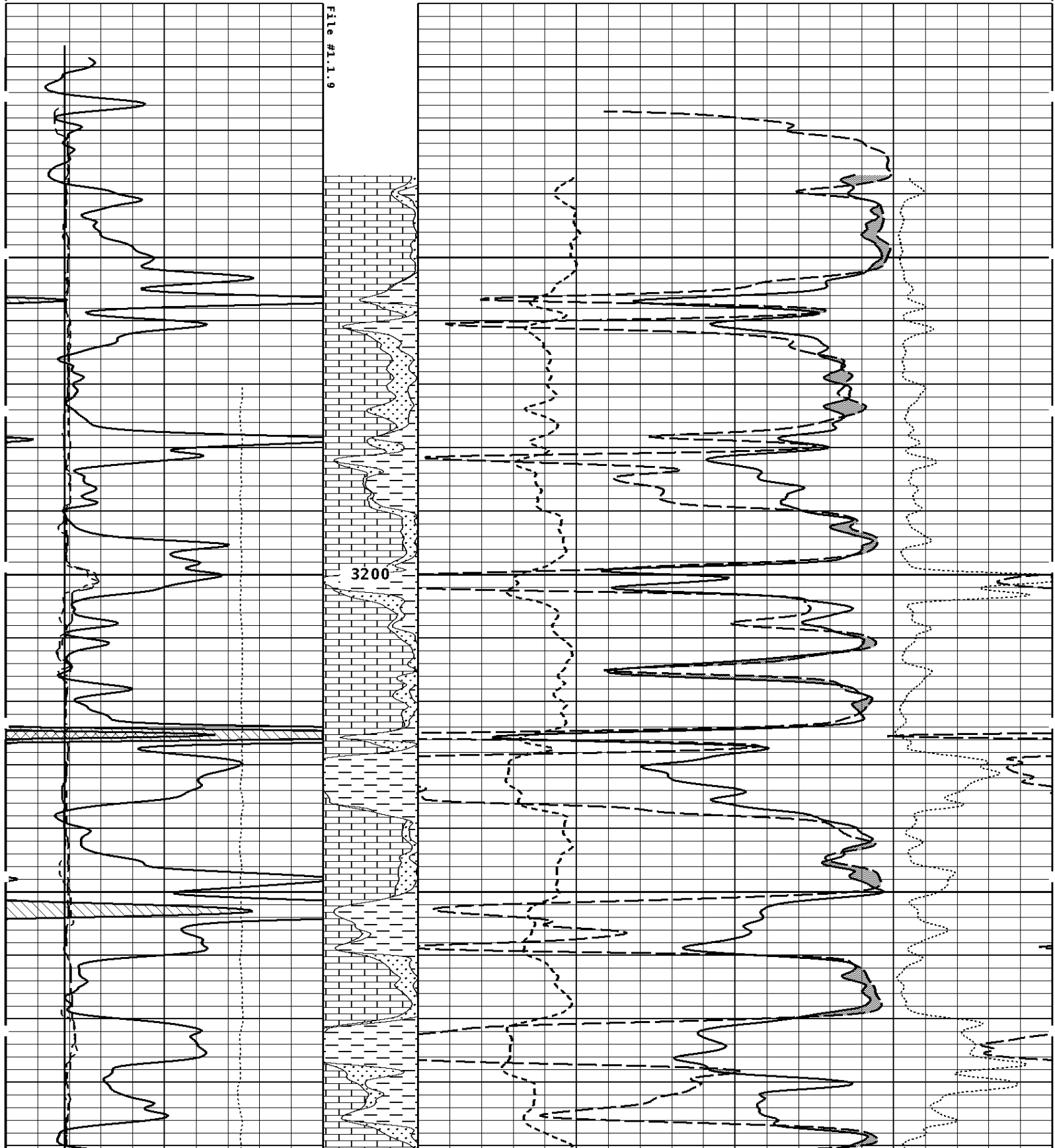
|                                             |           |      |
|---------------------------------------------|-----------|------|
| <b>Zone 1    99999.0   to    0.0   Feet</b> |           |      |
| Matrix Density_____                         | 2.71      | g/cc |
| Fluid Density_____                          | 1.00      | g/cc |
| Formation Matrix_____                       | Limestone |      |
| Drill Bit Size_____                         | 7.875     | in   |
| Casing Diameter_____                        | 4.500     | in   |
| Casing Thickness_____                       | 0.250     | in   |
| Casing Correction (PHI N)_____              | Disable   |      |

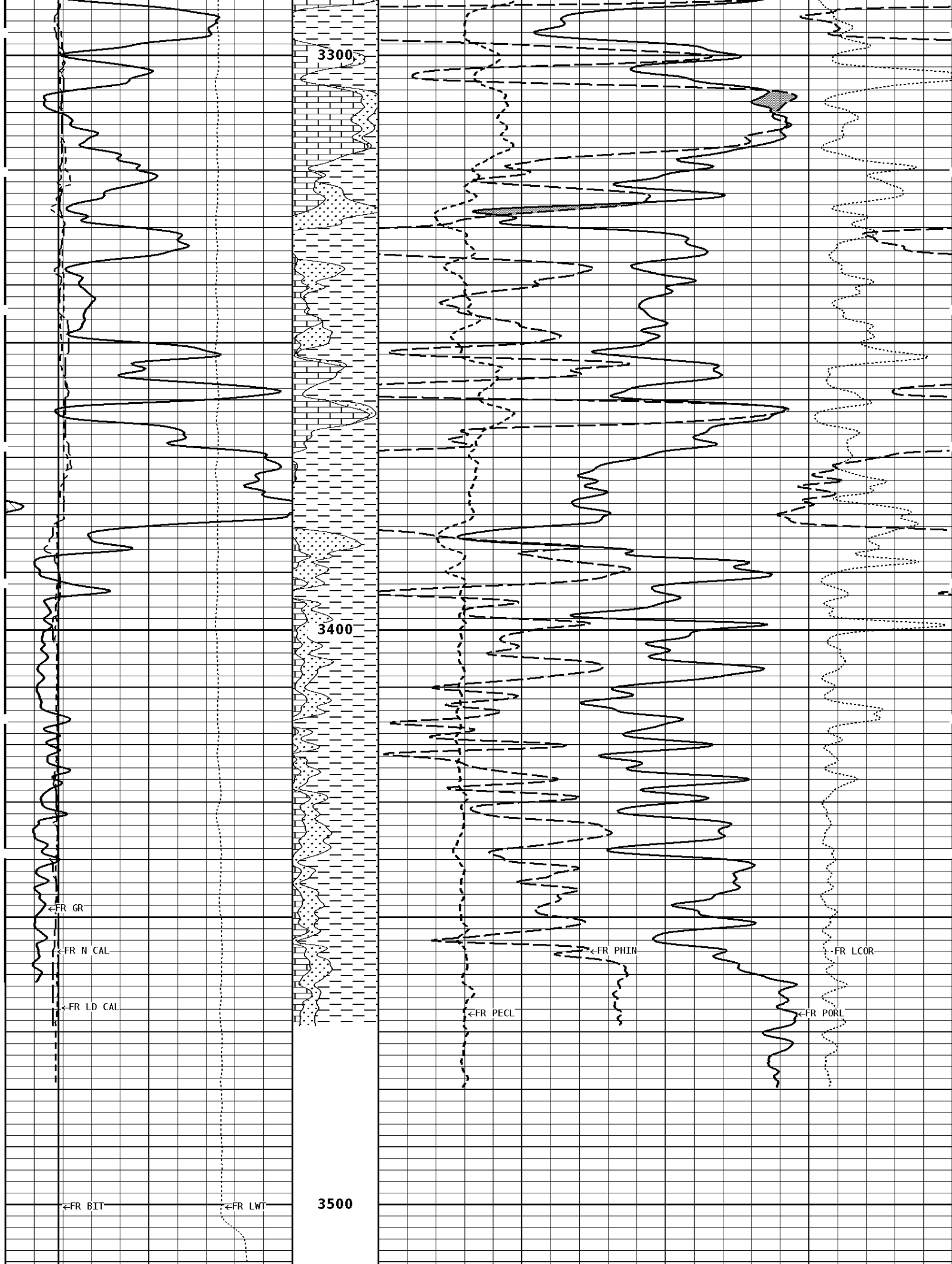
|                                                  |                                 |                        |
|--------------------------------------------------|---------------------------------|------------------------|
| <b>Well File:</b> BEREXCO_CHRISLER_2_FEB-13_MSTK | <b>Scale:</b> 1:240             | <b>Format:</b> NLD-240 |
| <b>Segment:</b> V1.D1.S9 REPEAT                  | <b>Acquired:</b> Not Available  |                        |
| <b>Reference:</b> 0                              | <b>Processed:</b> Not Available |                        |

|                                    |    |                                                                                     |                                        |    |                            |
|------------------------------------|----|-------------------------------------------------------------------------------------|----------------------------------------|----|----------------------------|
| BIT SIZE<br>INCHES (IN)            |    |                                                                                     |                                        |    |                            |
| 6                                  | 16 |                                                                                     |                                        |    |                            |
|                                    |    |                                                                                     |                                        |    |                            |
| NEUTRON (Y) CALIPER<br>INCHES (IN) |    |                                                                                     |                                        |    |                            |
| 16                                 | 26 |                                                                                     |                                        |    |                            |
| 6                                  | 16 |                                                                                     |                                        |    |                            |
|                                    |    |                                                                                     |                                        |    |                            |
| DENSITY (X) CALIPER<br>INCHES (IN) |    | Volume<br>Quartz                                                                    | PE CROSS-SECTION<br>BARNS/ELECTRON     |    | DENSITY CORRECTION<br>G/CC |
| 16                                 | 26 |  | 0                                      | 10 | -0.25                      |
| 6                                  | 16 |                                                                                     | -----0.25                              |    |                            |
|                                    |    |                                                                                     |                                        |    |                            |
| TENSION<br>LBS                     |    | Volume<br>Calcite                                                                   | DENSITY POROSITY (2.71g/cc)<br>PERCENT |    |                            |
|                                    |    |                                                                                     |                                        |    |                            |

|                        |     |                                         |     |     |
|------------------------|-----|-----------------------------------------|-----|-----|
| 10000                  | 0   | 70                                      | 30  | 50  |
|                        |     | 30                                      | -10 | -50 |
| GAMMA RAY<br>API UNITS |     | NEUTRON POROSITY (LIMESTONE)<br>PERCENT |     |     |
| 150                    | 300 | 70                                      |     | 30  |
| 0                      | 150 | 30                                      |     | -10 |
|                        |     |                                         |     |     |

# 1:240 REPEAT SECTION





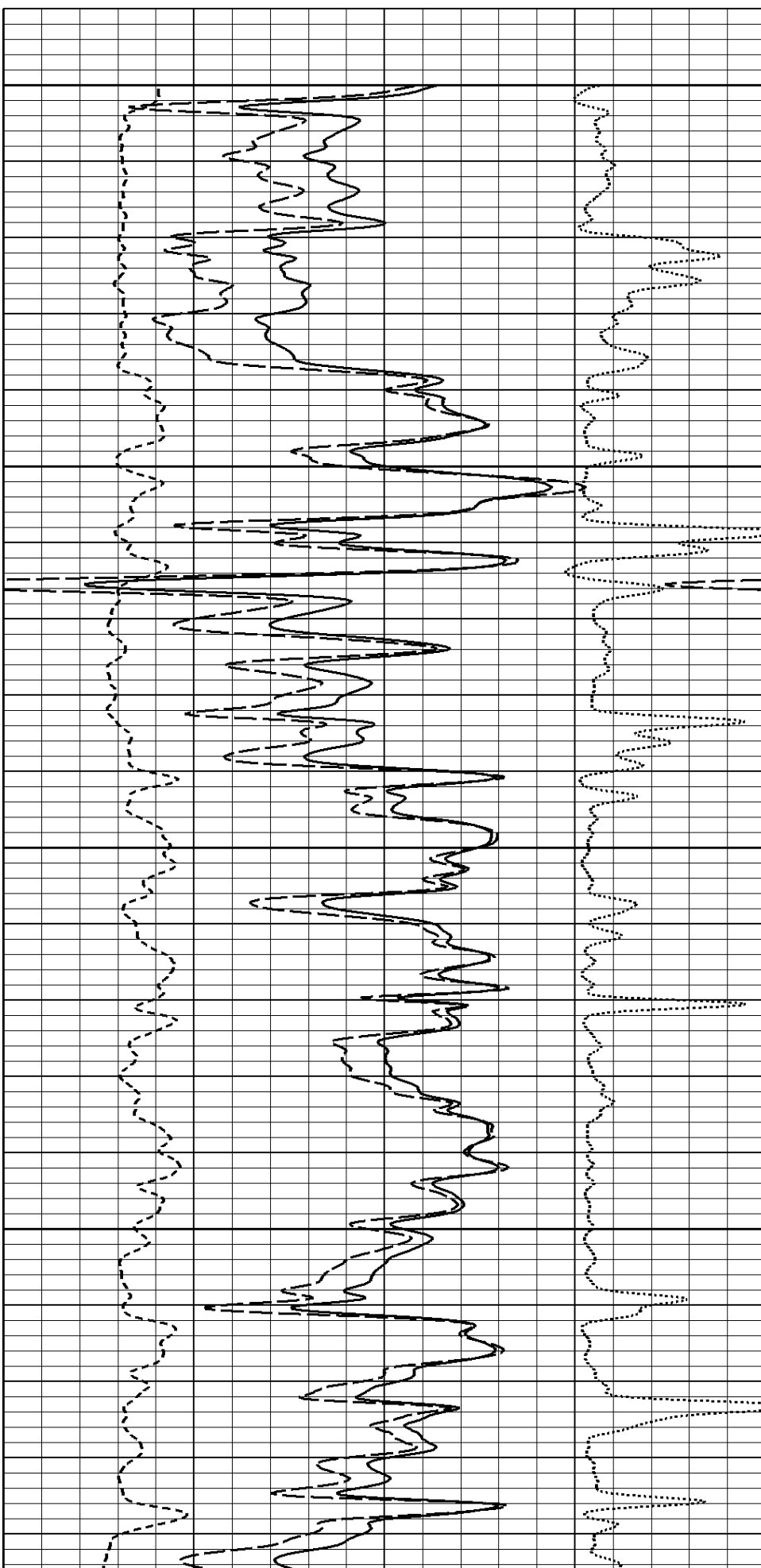
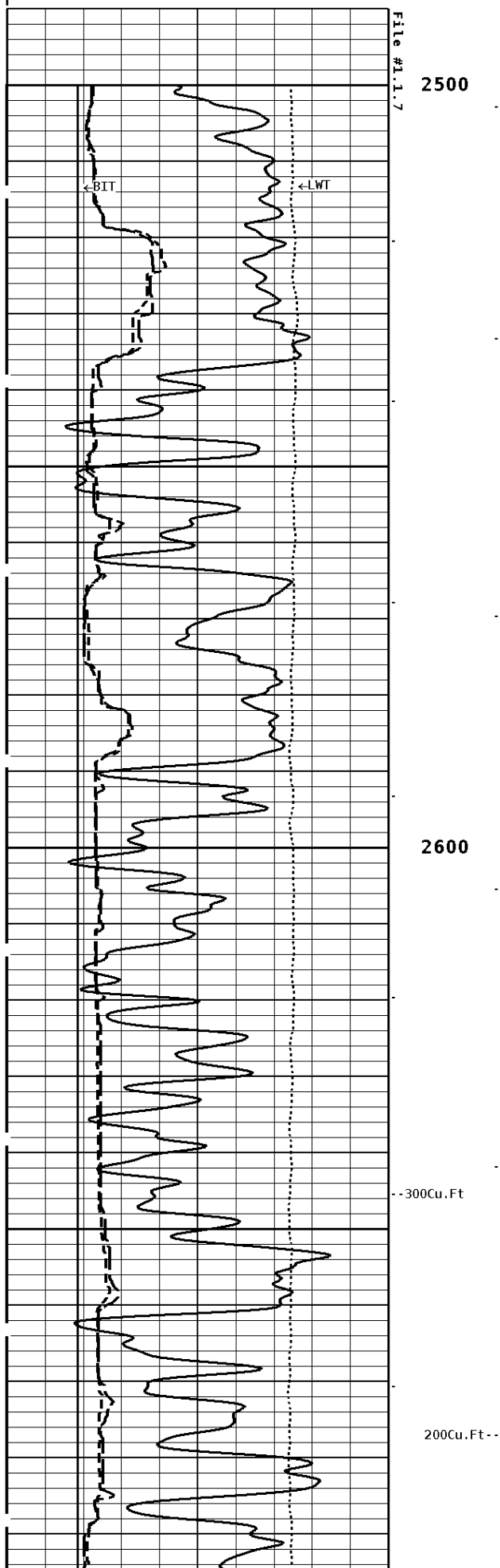
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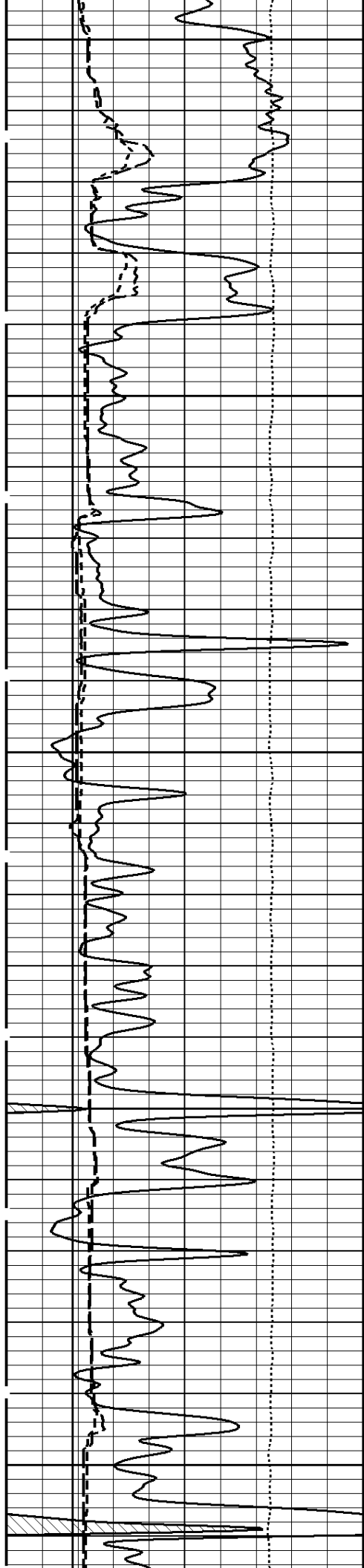
|                                                                                                                                                |  |                                                          |                                                                                                                                       |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>GAMMA RAY<br/>API UNITS</b><br><div> <div>150</div> <div> <div></div> </div> <div>300</div> </div> <div> <div>0</div> <div>150</div> </div> |  | <b>Volume<br/>Dolo/Shale</b><br><div> <div></div> </div> | <b>NEUTRON POROSITY (LIMESTONE)<br/>PERCENT</b><br><div> <div>70</div> <div>30</div> </div> <div> <div>30</div> <div>-10</div> </div> |                                                                                     |
| <b>TENSION<br/>LBS</b><br><div> <div>10000</div> <div>0</div> </div>                                                                           |  | <b>Volume<br/>Calcite</b><br><div> <div></div> </div>    | <b>DENSITY POROSITY (2.71g/cc)<br/>PERCENT</b><br><div> <div>70</div> <div>30</div> </div> <div> <div>30</div> <div>-10</div> </div>  |                                                                                     |
| <b>DENSITY (X) CALIPER<br/>INCHES (IN)</b><br><div> <div>16</div> <div>6</div> </div> <div> <div>26</div> <div>16</div> </div>                 |  | <b>Volume<br/>Quartz</b><br><div> <div></div> </div>     | <b>PE CROSS-SECTION<br/>BARN/ ELECTRON</b><br><div> <div>0</div> <div>10</div> </div>                                                 | <b>DENSITY CORRECTION<br/>G/CC</b><br><div> <div>-0.25</div> <div>0.25</div> </div> |
| <b>NEUTRON (Y) CALIPER<br/>INCHES (IN)</b><br><div> <div>16</div> <div>6</div> </div> <div> <div>26</div> <div>16</div> </div>                 |  |                                                          |                                                                                                                                       |                                                                                     |
| <b>BIT SIZE<br/>INCHES (IN)</b><br><div> <div>6</div> <div>16</div> </div>                                                                     |  |                                                          |                                                                                                                                       |                                                                                     |

|                                                  |     |  |  |
|--------------------------------------------------|-----|--|--|
| <b>BIT SIZE</b><br><b>INCHES (IN)</b>            |     |  |  |
| 6                                                | 16  |  |  |
|                                                  |     |  |  |
| <b>NEUTRON (Y) CALIPER</b><br><b>INCHES (IN)</b> |     |  |  |
| 16                                               | 26  |  |  |
| 6                                                | 16  |  |  |
| -----                                            |     |  |  |
| <b>DENSITY (X) CALIPER</b><br><b>INCHES (IN)</b> |     |  |  |
| 16                                               | 26  |  |  |
| 6                                                | 16  |  |  |
| -----                                            |     |  |  |
| <b>TENSION</b><br><b>LBS</b>                     |     |  |  |
| 10000                                            | 0   |  |  |
| -----                                            |     |  |  |
| <b>GAMMA RAY</b><br><b>API UNITS</b>             |     |  |  |
| 150                                              | 300 |  |  |
| 0                                                | 150 |  |  |
| -----                                            |     |  |  |
|                                                  |     |  |  |

# 1:240 MAIN SECTION

BULK DENSITY



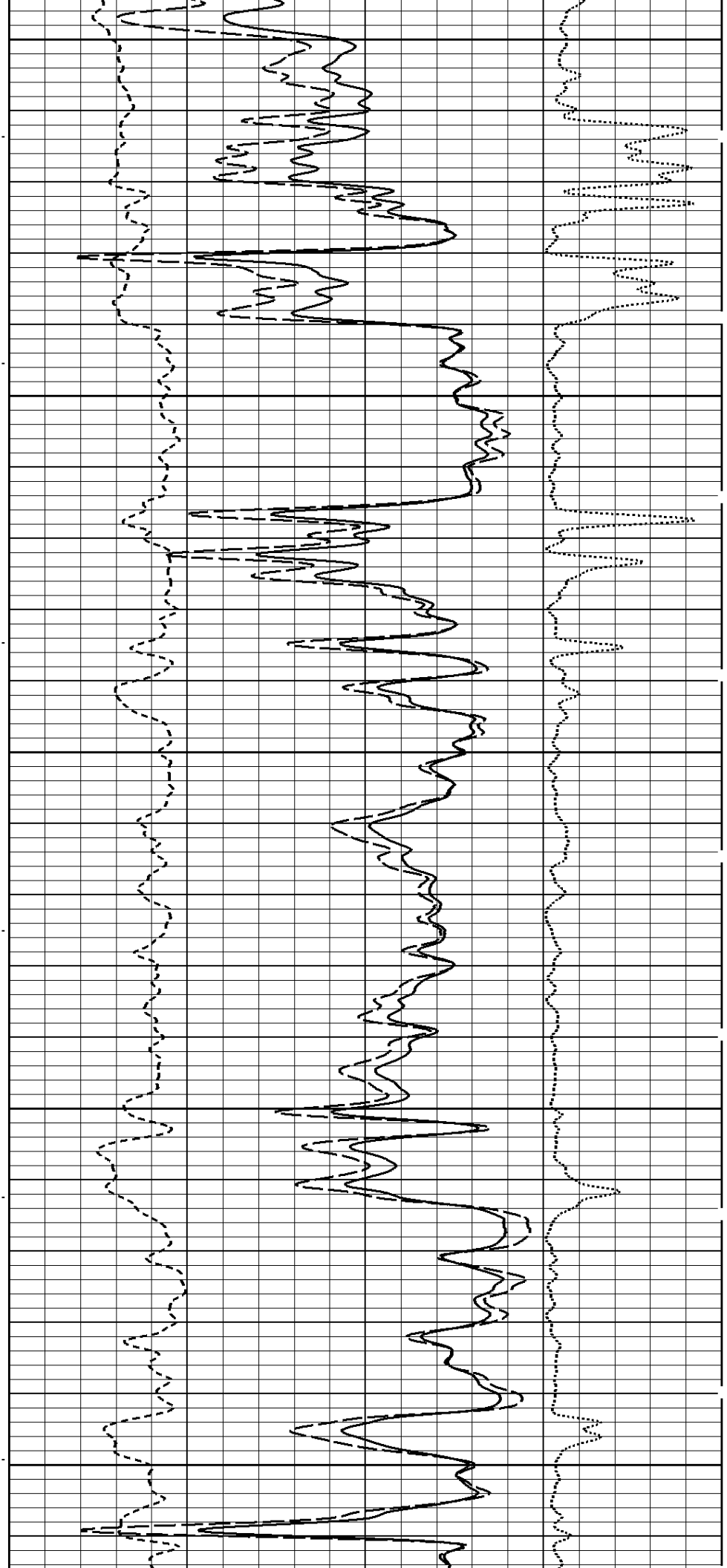


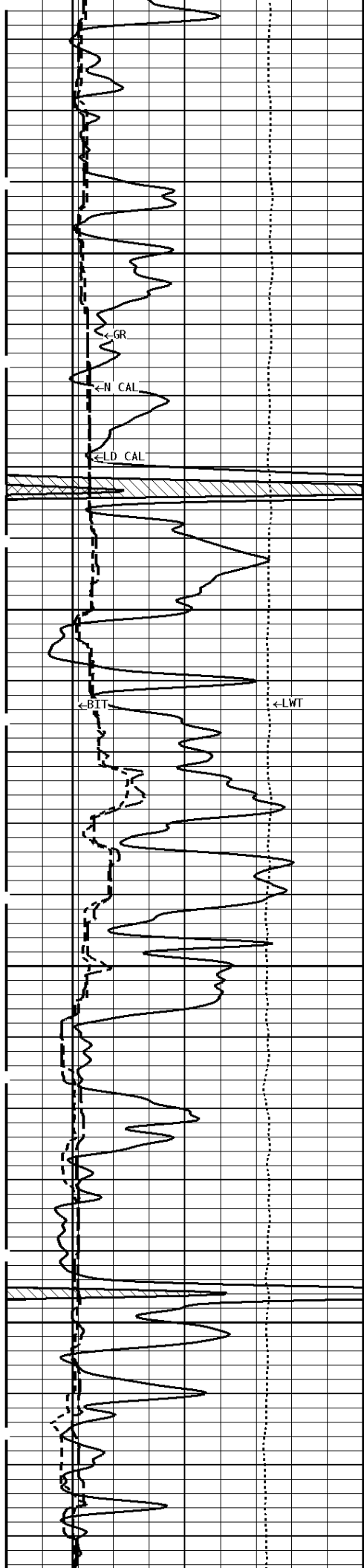
2700

2800

2900

-200Cu.Ft

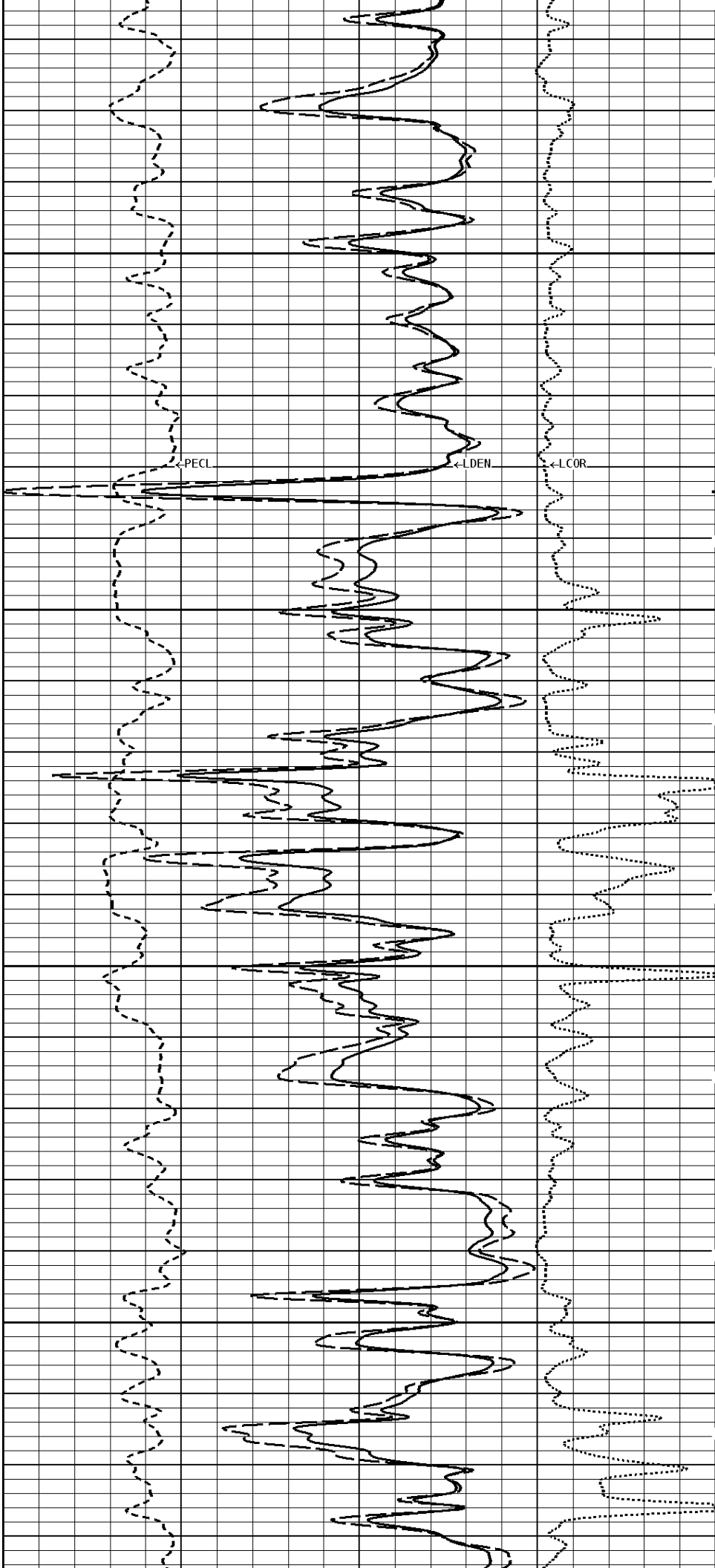


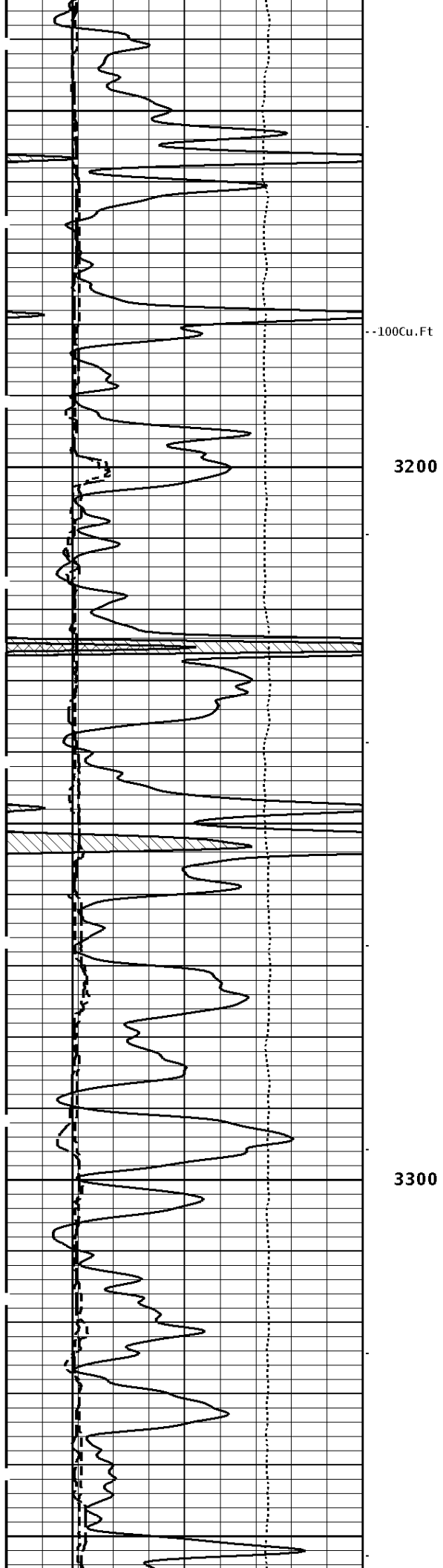


3000

100Cu.Ft--

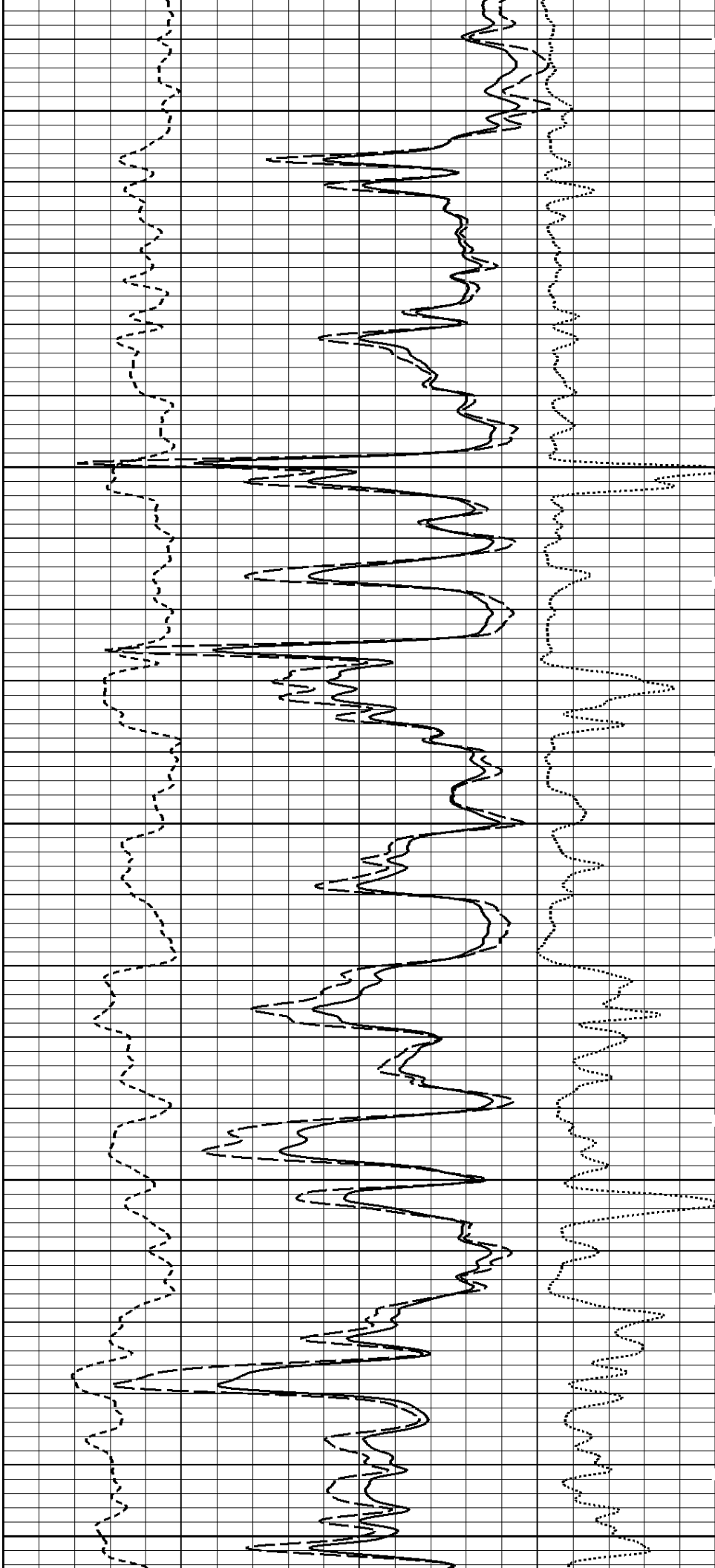
3100

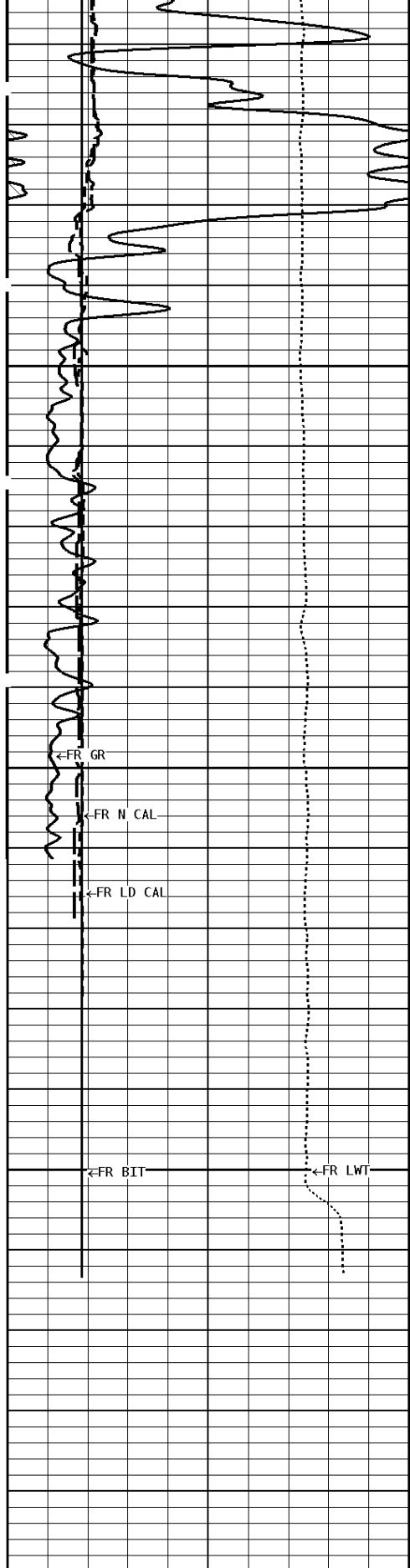




3200

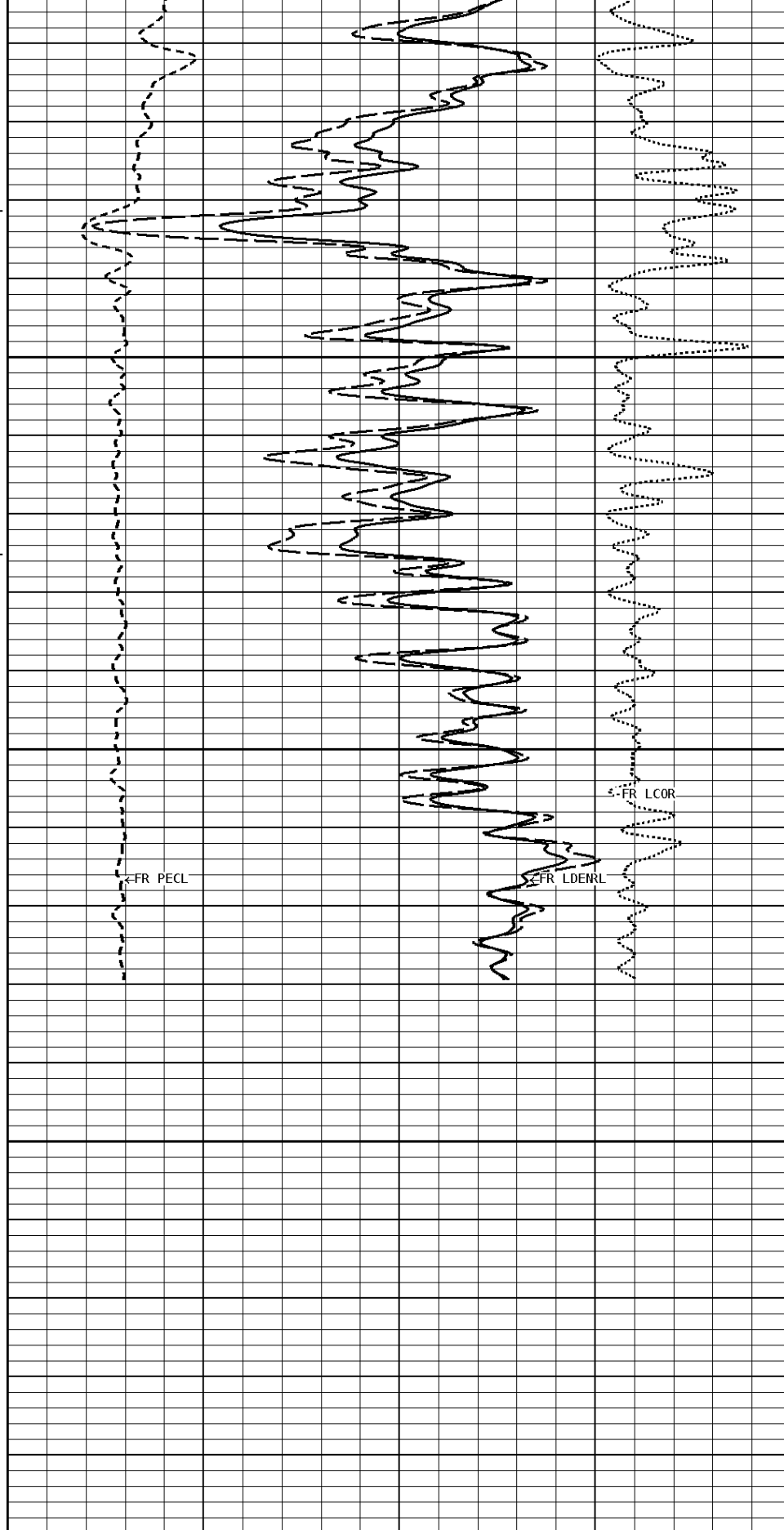
3300





3400

3500



# 1:240 MAIN SECTION BULK DENSITY

GAMMA RAY  
API UNITS

150 300

- BHV AHV -  
CU. FT

70

DENSITY POROSITY (2.71g/cc)  
PERCENT

30

|                                    |     |                                    |     |                            |      |
|------------------------------------|-----|------------------------------------|-----|----------------------------|------|
| 0                                  | 150 | 30                                 | -10 | -10                        | -50  |
| TENSION<br>LBS                     |     | COMPENSATED BULK DENSITY<br>G/CC   |     |                            |      |
| 10000                              | 0   | 3.0                                | 4.0 | 2.0                        | 3.0  |
| DENSITY (X) CALIPER<br>INCHES (IN) |     | 1.0                                | 2.0 | 2.0                        | 2.0  |
| 16                                 | 26  | PE CROSS-SECTION<br>BARNs/ELECTRON |     | DENSITY CORRECTION<br>G/CC |      |
| 6                                  | 16  | 0                                  | 10  | -0.25                      | 0.25 |
| NEUTRON (Y) CALIPER<br>INCHES (IN) |     |                                    |     |                            |      |
| 16                                 | 26  |                                    |     |                            |      |
| 6                                  | 16  |                                    |     |                            |      |
| BIT SIZE<br>INCHES (IN)            |     |                                    |     |                            |      |
| 6                                  | 16  |                                    |     |                            |      |

**\* Borehole Zone Factors \***

|                            |  |           |      |  |  |
|----------------------------|--|-----------|------|--|--|
| Zone 1 99999.0 to 0.0 Feet |  |           |      |  |  |
| Matrix Density             |  | 2.71      | g/cc |  |  |
| Fluid Density              |  | 1.00      | g/cc |  |  |
| Formation Matrix           |  | Limestone |      |  |  |
| Drill Bit Size             |  | 7.875     | in   |  |  |
| Casing Diameter            |  | 4.500     | in   |  |  |
| Casing Correction (PHI N)  |  | Disable   |      |  |  |

**\* Calibration Summary \***

|                         |            |          |                 |            |       |
|-------------------------|------------|----------|-----------------|------------|-------|
| <b>Shop Calibration</b> |            |          |                 |            |       |
| <b>GRT-B</b>            |            |          |                 |            |       |
| Performed : 26-Nov-2018 |            |          | Time : 11:34    |            |       |
| Sensor Suite : GR-GR5   |            |          | ID : GRT-BA-017 |            |       |
|                         | Background | Measured | Units           | Calibrated | Units |
|                         |            | Jig      |                 | Jig        |       |
| GR                      | 45         | 321      | CPS             | 160        | GRAP1 |

|                         |                |        |                  |        |       |
|-------------------------|----------------|--------|------------------|--------|-------|
| <b>Shop Calibration</b> |                |        |                  |        |       |
| <b>CNT-AA</b>           |                |        |                  |        |       |
| Performed : 03-Jun-2019 |                |        | Time : 11:01     |        |       |
| Sensor Suite : CALI-BCN |                |        | ID : NDT-AF-411  |        |       |
|                         | Jig - Measured |        | Jig - Calibrated |        | Units |
|                         | Ring#1         | Ring#2 | Ring#1           | Ring#2 |       |
| CL # 1                  | 7.5            | 12.5   | 6.0              | 12.0   | IN.   |

|                         |          |            |                |  |       |
|-------------------------|----------|------------|----------------|--|-------|
| Performed : 12-FEB-2020 |          |            | Time : 10:01   |  |       |
| Sensor Suite : BHC NEUT |          |            | ID : CNP-AE-41 |  |       |
| Source ID : N-1104      |          |            |                |  |       |
|                         | Tank     |            | Verification   |  | Units |
|                         | Measured | Calibrated | Jig            |  |       |
| N/F                     | 3.5474   | 3.6893     | 3.6873         |  |       |
| Porosity                | 18.4     | 20.5       | 20.5           |  | %     |

|                         |                |        |                  |        |       |
|-------------------------|----------------|--------|------------------|--------|-------|
| <b>Shop Calibration</b> |                |        |                  |        |       |
| <b>LDT-DF</b>           |                |        |                  |        |       |
| Performed : 21-DEC-2019 |                |        | Time : 21:43     |        |       |
| Sensor Suite : CALI-LTH |                |        | ID : NDT-FA-404  |        |       |
|                         | Jig - Measured |        | Jig - Calibrated |        | Units |
|                         | Ring#1         | Ring#2 | Ring#1           | Ring#2 |       |
| CL # 1                  | 8.3            | 13.2   | 6.0              | 12.0   | IN.   |

|                         |             |     |                 |       |       |
|-------------------------|-------------|-----|-----------------|-------|-------|
| Performed : 29-Jan-2020 |             |     | Time : 14:42    |       |       |
| Sensor Suite : BHCPELNG |             |     | ID : LDP-DA-062 |       |       |
| Source ID : 1637GW      |             |     |                 |       |       |
|                         | Short Space |     |                 |       |       |
|                         | BKGD        | Al  | Mg              | Al+Fe | Units |
| LC#1                    | 50          | 060 | 1553            | 625   | CPS   |

|            |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|
| LSW1       | 59    | 960   | 1557  | 623   | CPS   |
| LSW2       | 61    | 1121  | 1778  | 816   | CPS   |
| LSW3       | 228   | 2554  | 4127  | 2191  | CPS   |
| LSW4       | 286   | 2191  | 3138  | 1951  | CPS   |
| LSW5       | 25    | 44    | 49    | 41    | CPS   |
| LSW6       | 79    | 82    | 79    | 83    | CPS   |
| LSW7       | 50    | 54    | 53    | 53    | CPS   |
| LSW8       | 1     | 3     | 4     | 3     | CPS   |
| QS         | 0.227 | 0.208 | 0.194 | 0.217 |       |
| PES        |       |       | 2.778 | 5.967 |       |
| SSDN       |       | 2.600 | 1.680 |       | G/CC  |
| Long Space |       |       |       |       |       |
|            | BKGD  | Al    | Mg    | Al+Fe | Units |
| LLW1       | 84    | 1100  | 4544  | 670   | CPS   |
| LLW2       | 94    | 1944  | 7684  | 1420  | CPS   |
| LLW3       | 352   | 3530  | 13460 | 3067  | CPS   |
| LLW4       | 463   | 1657  | 5105  | 1519  | CPS   |
| LLW5       | 52    | 64    | 102   | 63    | CPS   |
| LLW6       | 146   | 154   | 134   | 154   | CPS   |
| LLW7       | 95    | 101   | 92    | 101   | CPS   |
| LLW8       | 3     | 6     | 14    | 6     | CPS   |
| QL         | 0.213 | 0.209 | 0.187 | 0.205 |       |
| PEL        |       |       | 2.697 | 5.458 |       |
| LSDN       |       | 2.600 | 1.680 |       | G/CC  |



Company: BEREXCO, LLC  
 Well: CHRISLER #2  
 Location: 1240' FSL & 930' FWL  
 Logged: 2020-02-13  
 K.B. Elev: 1826.0 Ft