

| HALLIBURTON              |  |                         |  | ARRAY COMPENSATED<br>RESISTIVITY<br>LOG |  |                       |  |
|--------------------------|--|-------------------------|--|-----------------------------------------|--|-----------------------|--|
| COMPANY                  |  | BEREXCO INC.            |  | COMPANY                                 |  | BEREXCO INC.          |  |
| WELL                     |  | WELLINGTON KGS #1-32    |  | WELL                                    |  | WELLINGTON KGS #1-32  |  |
| FIELD                    |  | WELLINGTON              |  | FIELD                                   |  | WELLINGTON            |  |
| COUNTY                   |  | SUMNER                  |  | COUNTY                                  |  | SUMNER                |  |
| STATE                    |  | KANSAS                  |  | STATE                                   |  | KANSAS                |  |
| Permanent Datum          |  | GROUND LEVEL            |  | Sect. 32                                |  | Twp. 31S              |  |
| Log measured from        |  | KELLY BUSHING           |  | Rge. 1W                                 |  | Elev. 1259.0 ft       |  |
| Drilling measured from   |  | KELLY BUSHING           |  | 13.0 ft above perm. Datum               |  | Elev.: K.B. 1272.0 ft |  |
| Date                     |  | 22-Jan-11               |  | D.F. 1271.0 ft                          |  | G.L. 1259.0 ft        |  |
| Run No.                  |  | ONE                     |  |                                         |  |                       |  |
| Depth - Driller          |  | 4575.00 ft              |  |                                         |  |                       |  |
| Depth - Logger           |  | 4573.0 ft               |  |                                         |  |                       |  |
| Bottom - Logged Interval |  | 4564.0 ft               |  |                                         |  |                       |  |
| Top - Logged Interval    |  | 607.0 ft                |  |                                         |  |                       |  |
| Casing - Driller         |  | 8.625 in @ 607.0 ft     |  |                                         |  |                       |  |
| Casing - Logger          |  | 607.0 ft                |  |                                         |  |                       |  |
| Bit Size                 |  | 7.875 in                |  |                                         |  |                       |  |
| Type Fluid in Hole       |  | WATER BASED MUD         |  |                                         |  |                       |  |
| Density                  |  | 9.0 ppq                 |  |                                         |  |                       |  |
| Viscosity                |  | 45.00 s/qt              |  |                                         |  |                       |  |
| PH                       |  | 10.00 pH                |  |                                         |  |                       |  |
| Fluid Loss               |  | 7.2 cpm                 |  |                                         |  |                       |  |
| Source of Sample         |  | FLOWLINE                |  |                                         |  |                       |  |
| Rm @ Meas. Temperature   |  | 0.650 ohmm @ 58.00 degF |  |                                         |  |                       |  |
| Rmf @ Meas. Temperature  |  | 0.55 ohmm @ 58.00 degF  |  |                                         |  |                       |  |
| Rmc @ Meas. Temperature  |  | 0.750 ohmm @ 58.00 degF |  |                                         |  |                       |  |
| Source Rmf               |  | MEASURED                |  |                                         |  |                       |  |
| Rmc                      |  | MEASURED                |  |                                         |  |                       |  |
| Rm @ BHT                 |  | 0.37 ohmm @ 115.0 degF  |  |                                         |  |                       |  |
| Time Since Circulation   |  | 14.0 hr                 |  |                                         |  |                       |  |
| Time on Bottom           |  | 22-Jan-11 13:37         |  |                                         |  |                       |  |
| Max. Rec. Temperature    |  | 115.0 degF @ 4573.0 ft  |  |                                         |  |                       |  |
| Equipment                |  | 10782954 LIBERAL        |  |                                         |  |                       |  |
| Recorded By              |  | S. JUNG                 |  |                                         |  |                       |  |
| Witnessed By             |  | G. KORALEGEDARA         |  |                                         |  |                       |  |

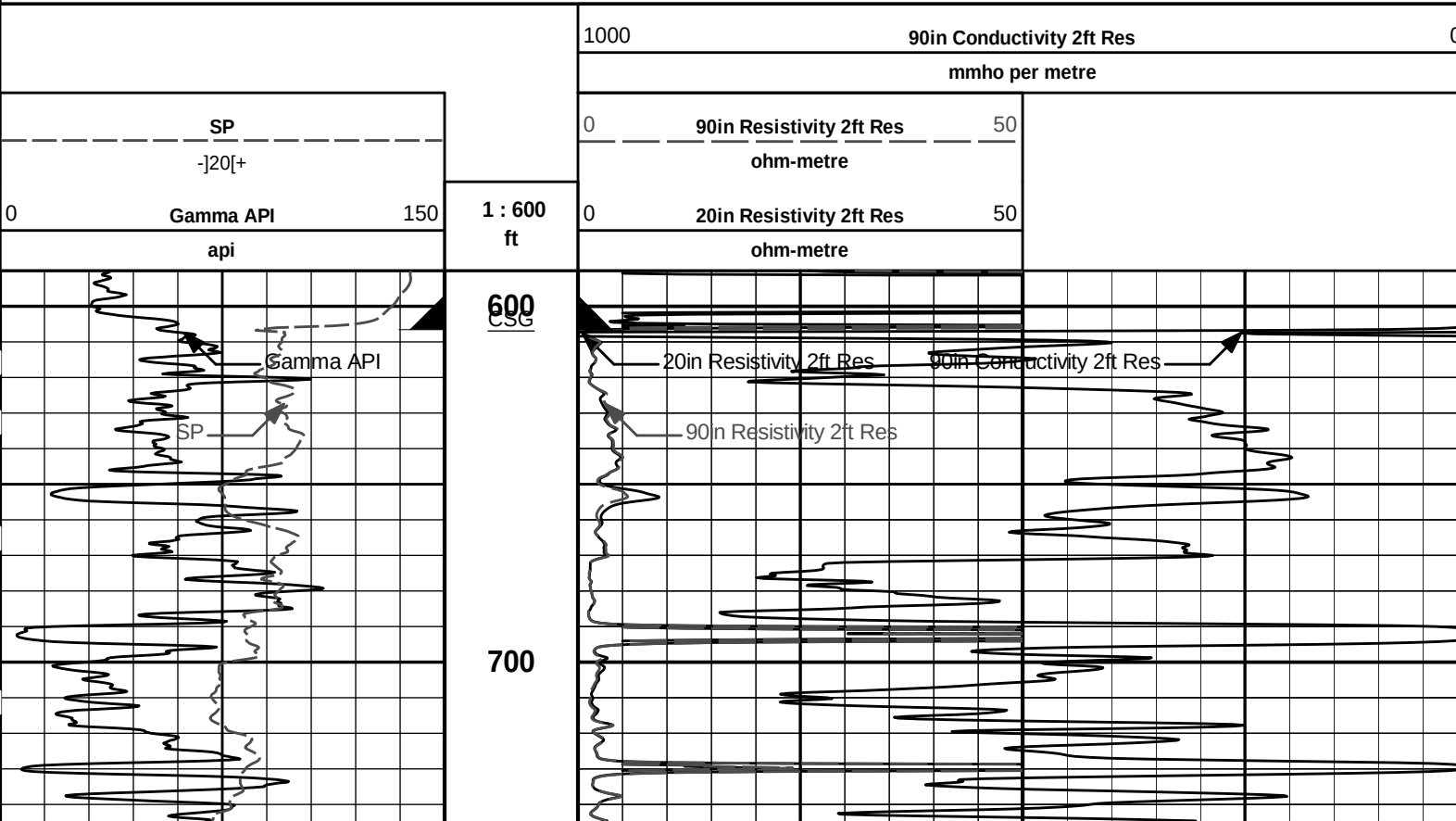
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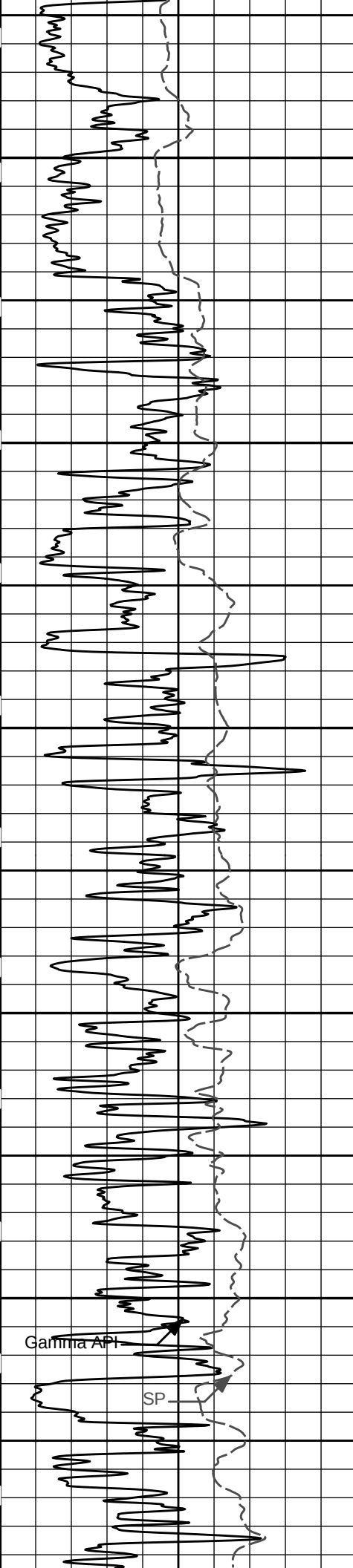
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|-----------------------------------------|------------|---|--|--------------|--|------------------------------|-----------------|---------------------------|-----------|-----------------|--|-----------------------------------------|--|--|--|--|--|
| Service Ticket No.: 7912471             |            |   |  |              |  | API Serial No.: 15-191-22591 |                 |                           |           |                 |  | PGM Version: WL INSITE R3.2.0 (Build 7) |  |  |  |  |  |
| CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE |            |   |  |              |  |                              |                 | RESISTIVITY SCALE CHANGES |           |                 |  |                                         |  |  |  |  |  |
| Date                                    | Sample No. |   |  |              |  | Type Log                     | Depth           | Scale Up Hole             |           | Scale Down Hole |  |                                         |  |  |  |  |  |
| Depth-Driller                           |            |   |  |              |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Type Fluid in Hole                      |            |   |  |              |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Density                                 | Viscosity  |   |  |              |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Ph                                      | Fluid Loss |   |  |              |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Source of Sample                        |            |   |  |              |  | RESISTIVITY EQUIPMENT DATA   |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Rm @ Meas. Temp                         |            | @ |  | @            |  | Run No.                      | Tool Type & No. | Pad Type                  | Tool Pos. | Other           |  |                                         |  |  |  |  |  |
| Rmf @ Meas. Temp.                       |            | @ |  | @            |  | ONE                          | ACRT S775       | N/A                       | 1.5" S.O. | N/A             |  |                                         |  |  |  |  |  |
| Rmc @ Meas. Temp.                       |            | @ |  | @            |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Source Rmf                              | Rmc        |   |  |              |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Rm @ BHT                                |            | @ |  | @            |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Rmf @ BHT                               |            | @ |  | @            |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| Rmc @ BHT                               |            | @ |  | @            |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| EQUIPMENT DATA                          |            |   |  |              |  |                              |                 |                           |           |                 |  |                                         |  |  |  |  |  |
| GAMMA                                   |            |   |  | ACOUSTIC     |  |                              |                 | DENSITY                   |           |                 |  | NEUTRON                                 |  |  |  |  |  |
| Run No.                                 | ONE        |   |  | Run No.      |  |                              |                 | Run No.                   |           |                 |  | Run No.                                 |  |  |  |  |  |
| Serial No.                              | 10748374   |   |  | Serial No.   |  |                              |                 | Serial No.                |           |                 |  | Serial No.                              |  |  |  |  |  |
| Model No.                               | GTET       |   |  | Model No.    |  |                              |                 | Model No.                 |           |                 |  | Model No.                               |  |  |  |  |  |
| Diameter                                | 3.625"     |   |  | No. of Cent. |  |                              |                 | Diameter                  |           |                 |  | Diameter                                |  |  |  |  |  |
| Detector Model No.                      | T-102      |   |  | Spacing      |  |                              |                 | Log Type                  |           |                 |  | Log Type                                |  |  |  |  |  |
| Type                                    | SCINT      |   |  |              |  |                              |                 | Source Type               |           |                 |  | Source Type                             |  |  |  |  |  |
| Length                                  | 8"         |   |  | LSA [Y/N]    |  |                              |                 | Serial No.                |           |                 |  | Serial No.                              |  |  |  |  |  |
| Distance to Source                      | 10'        |   |  | FWDA [Y/N ]  |  |                              |                 | Strength                  |           |                 |  | Strength                                |  |  |  |  |  |

| GENERAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |     | GAMMA  |       | ACOUSTIC |       | DENSITY |        | NEUTRON |   |        |       |   |        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----|--------|-------|----------|-------|---------|--------|---------|---|--------|-------|---|--------|
| Run                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Depth |     | Speed  | Scale |          | Scale |         | Matrix | Scale   |   | Matrix | Scale |   | Matrix |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | From  | To  | ft/min | L     | R        | L     | R       |        | L       | R |        | L     | R |        |
| ONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TD    | CSG | REC    | 0     | 150      |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| DIRECTIONAL INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| Maximum Deviation @                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |     |        |       |          |       |         | KOP @  |         |   |        |       |   |        |
| Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5-INCH CASING                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| GPS COORDINATES: LAT: 37.30 N & LONG: 97.43 W                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| CHLORIDES REPORTED AT 8000 PPM LCM REPORTED AT 4 PPB                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| TODAY'S CREW: F. VILLA, A. HOLGUIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES - LIBERAL, KS (620-624-8123)                                                                                                                                                                                                                                                                                                                                                                                                                         |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF. |       |     |        |       |          |       |         |        |         |   |        |       |   |        |
| HALLIBURTON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |     |        |       |          |       |         |        |         |   |        |       |   |        |

**HALLIBURTON** Plot Time: 22-Jan-11 16:59:23  
Plot Range: 590 ft to 4576.92 ft  
Data: WELLINGTON\_KGS\Well Based\DAQ-0001-MAIN  
Plot File: \\-LOCAL-I\WELLINGTON\_KGS\0001 SP-GTET-DSN-SDL-ACRT-CHIACRT\ACRT\_2\_lib

**2 INCH MAIN LOG**





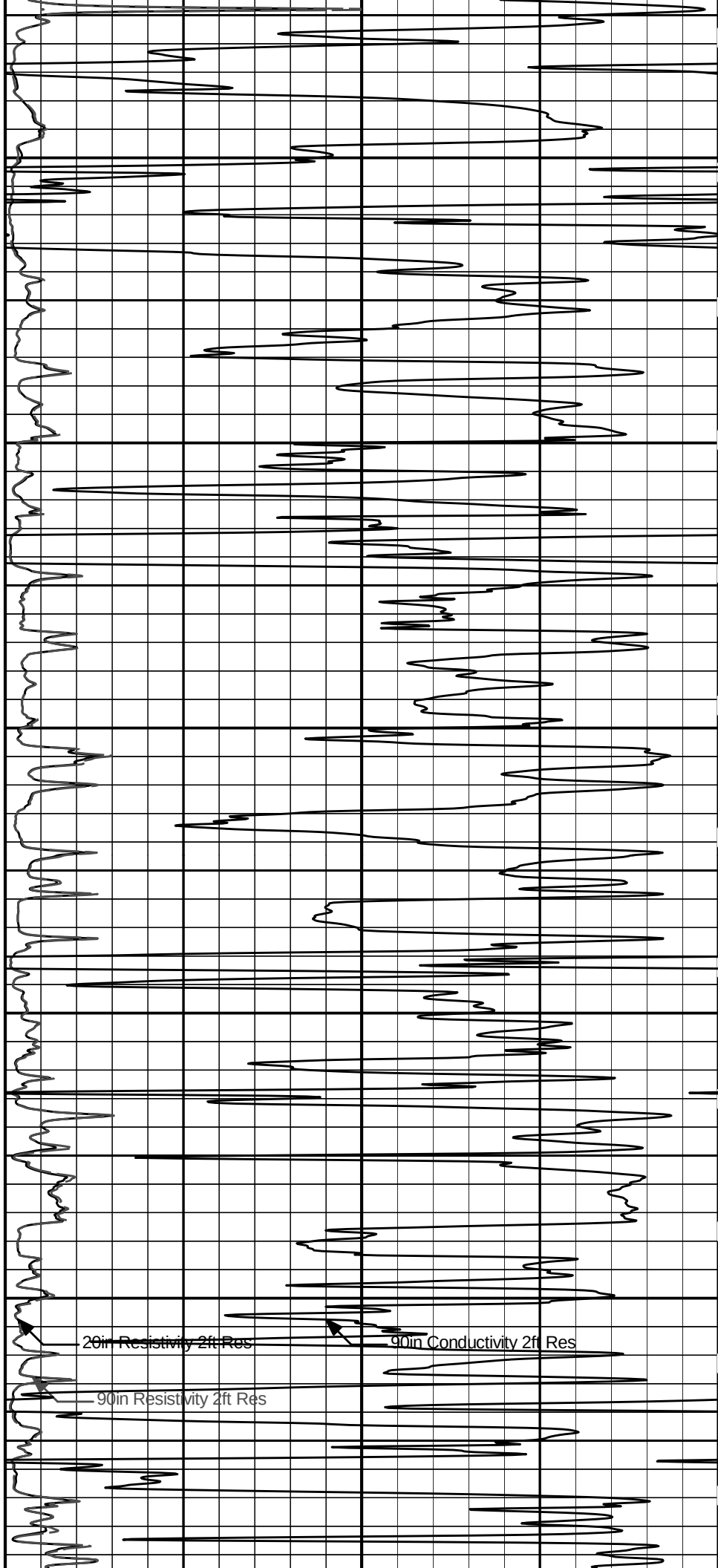
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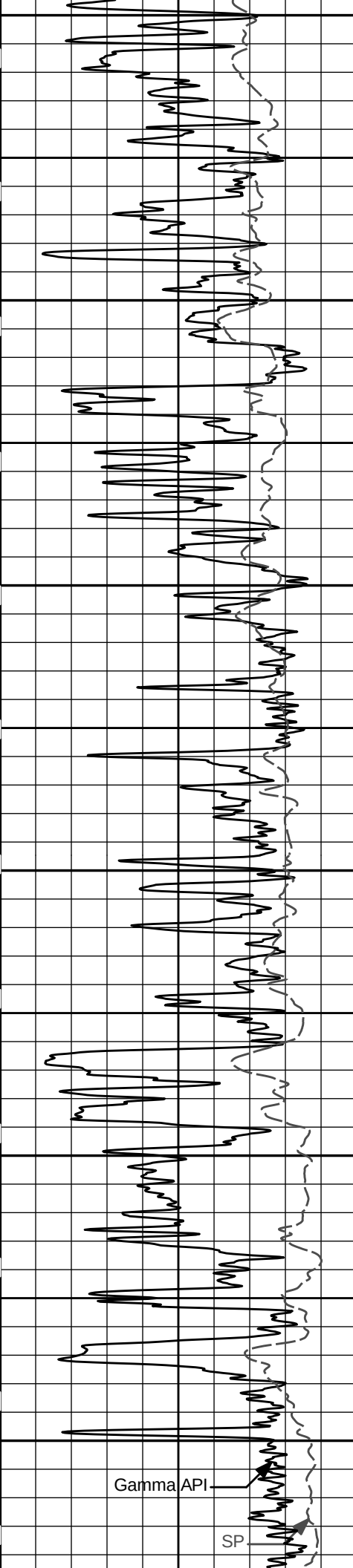
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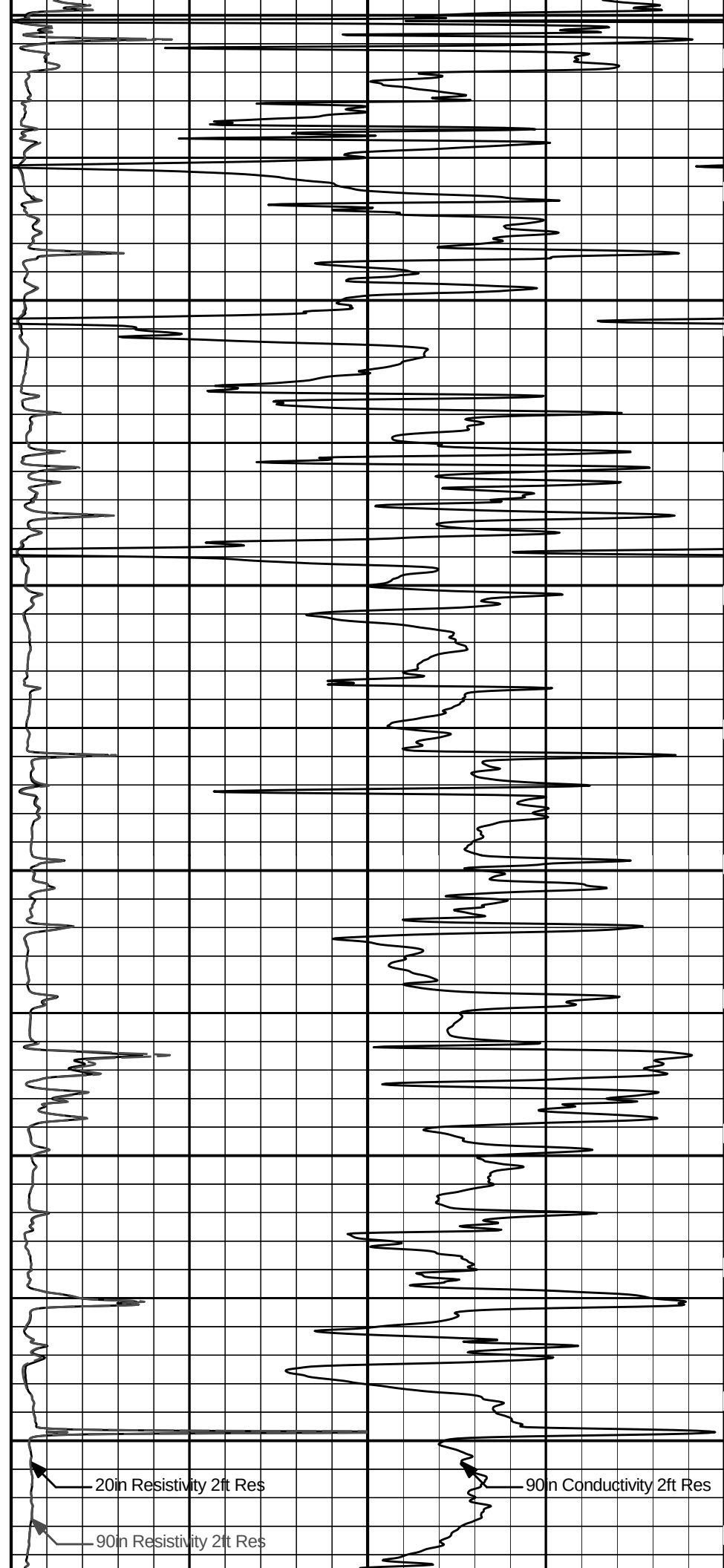
1100

1200





1300  
1400  
1500  
1600  
1700  
1800



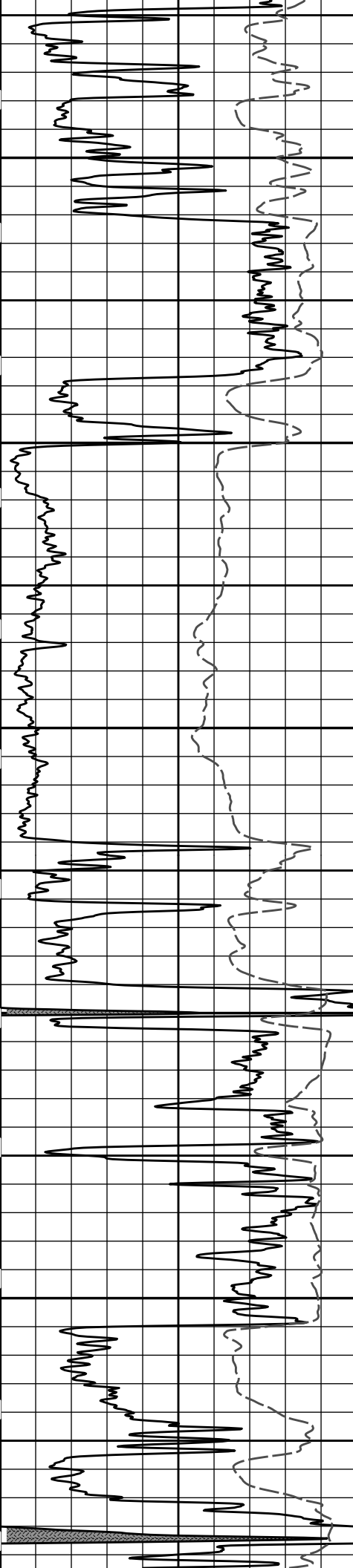
Gamma API

SP

20in Resistivity 2ft Res

90in Resistivity 2ft Res

90in Conductivity 2ft Res



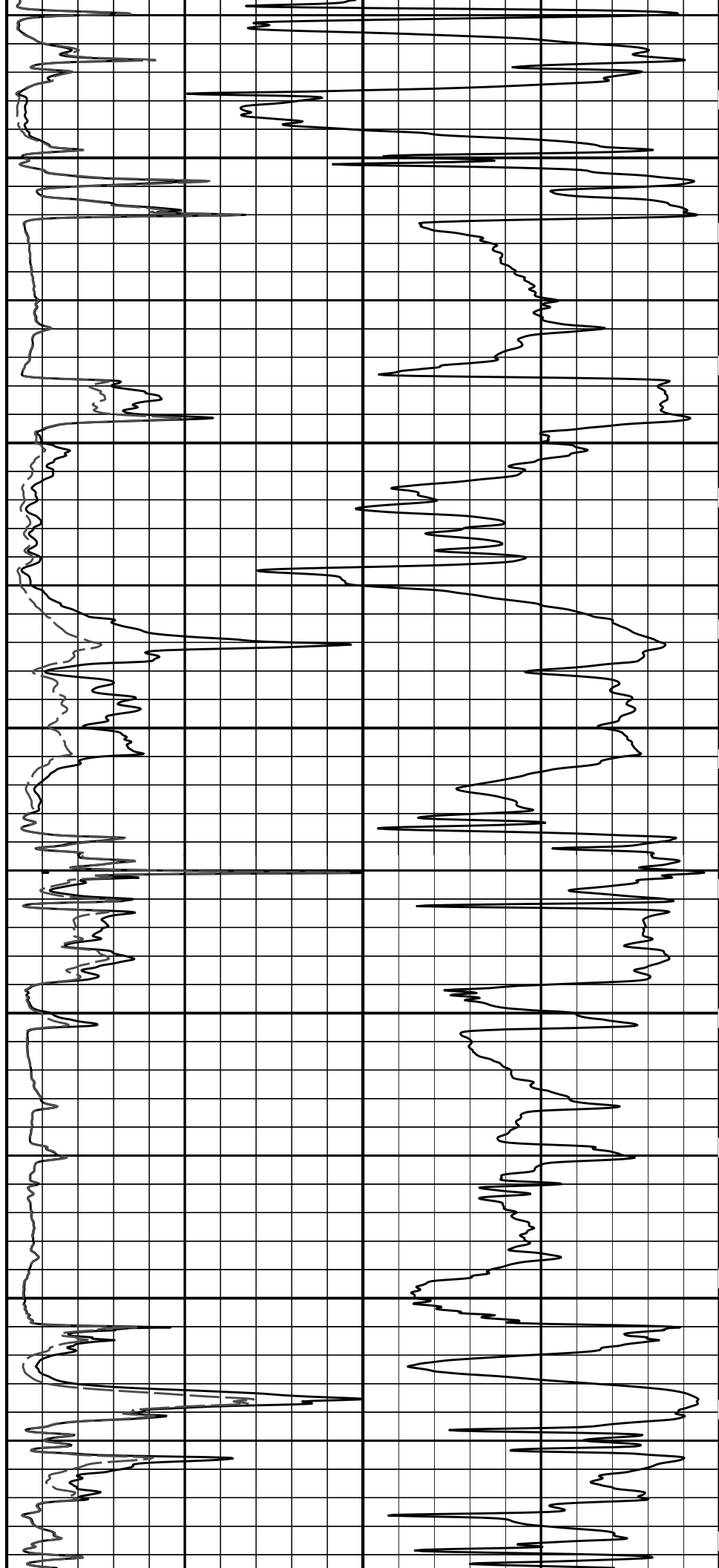
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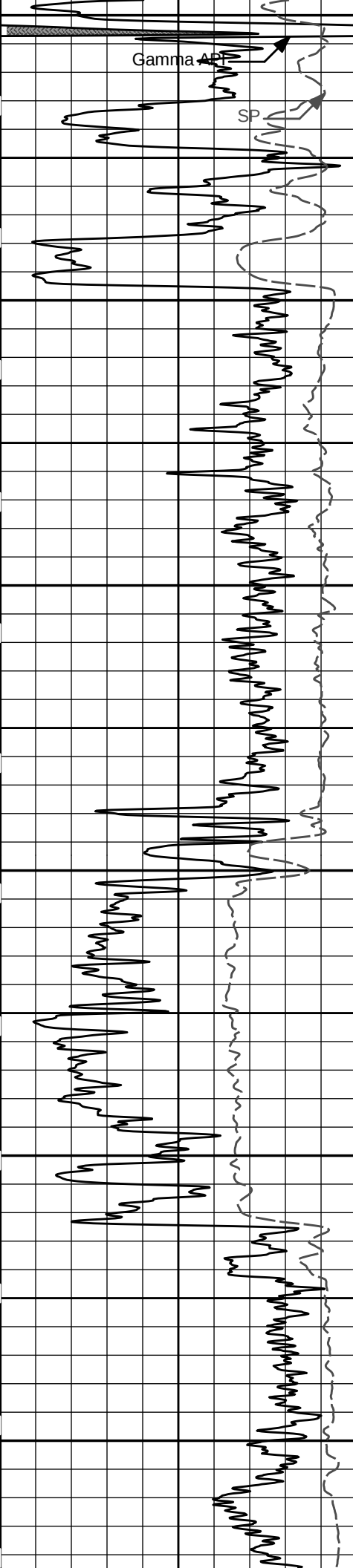
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2100

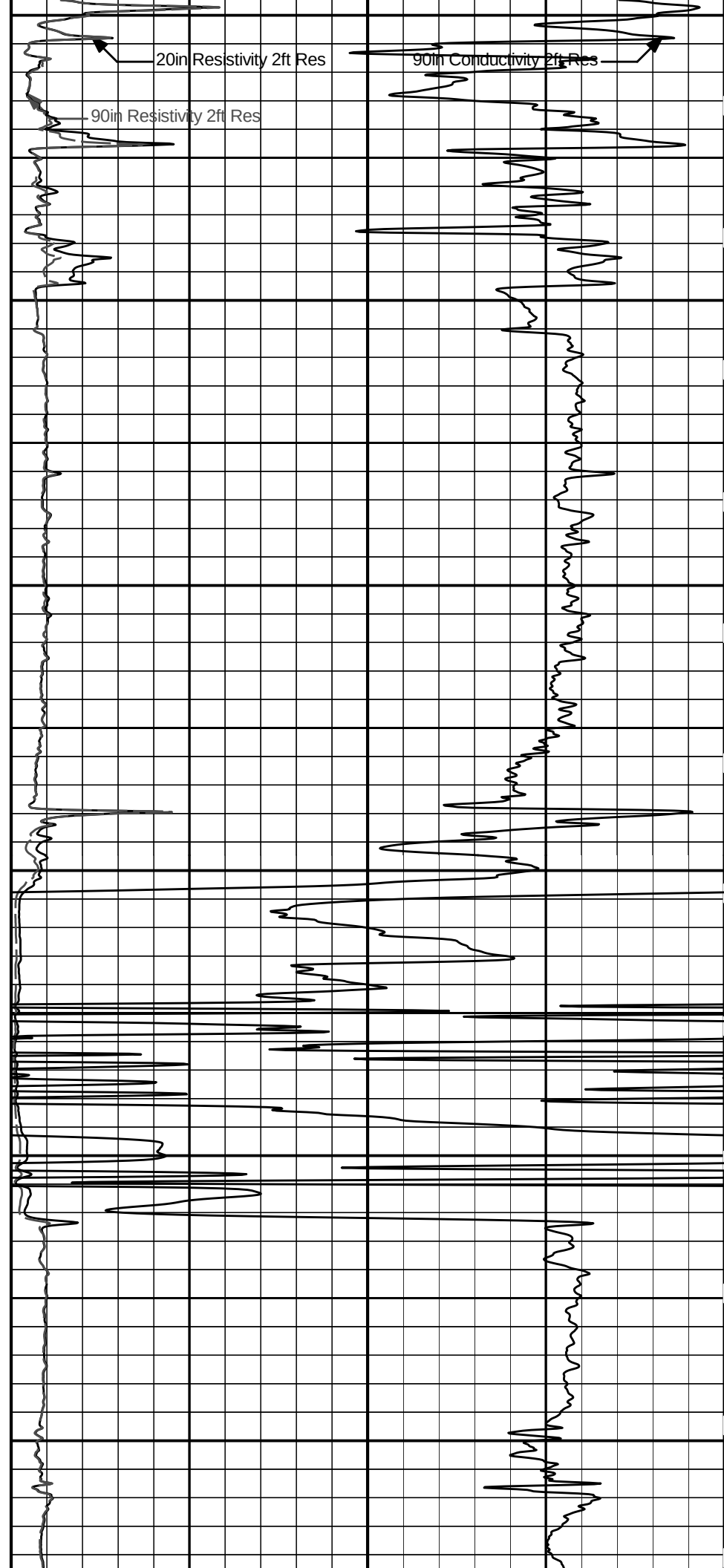
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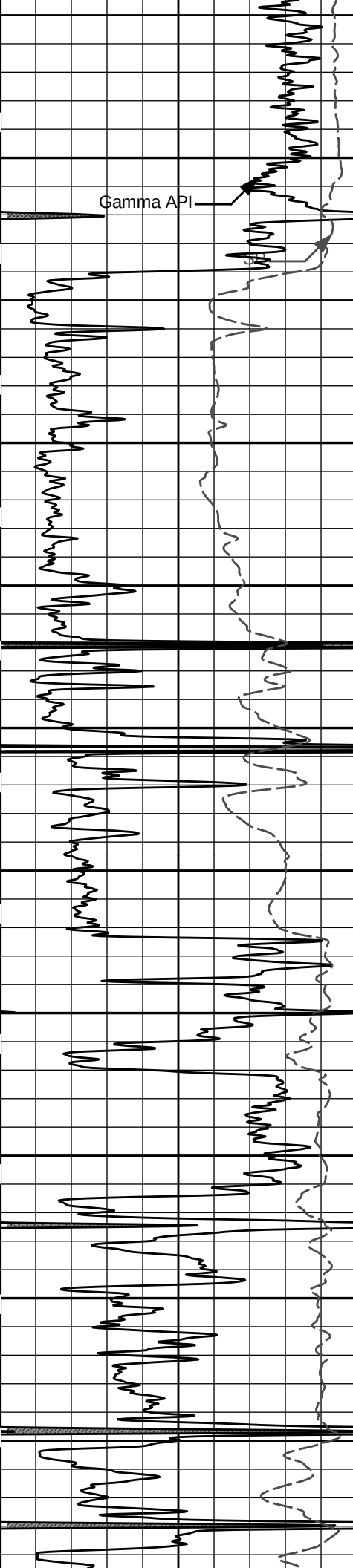
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2400  
2500  
2600  
2700  
2800  
2900





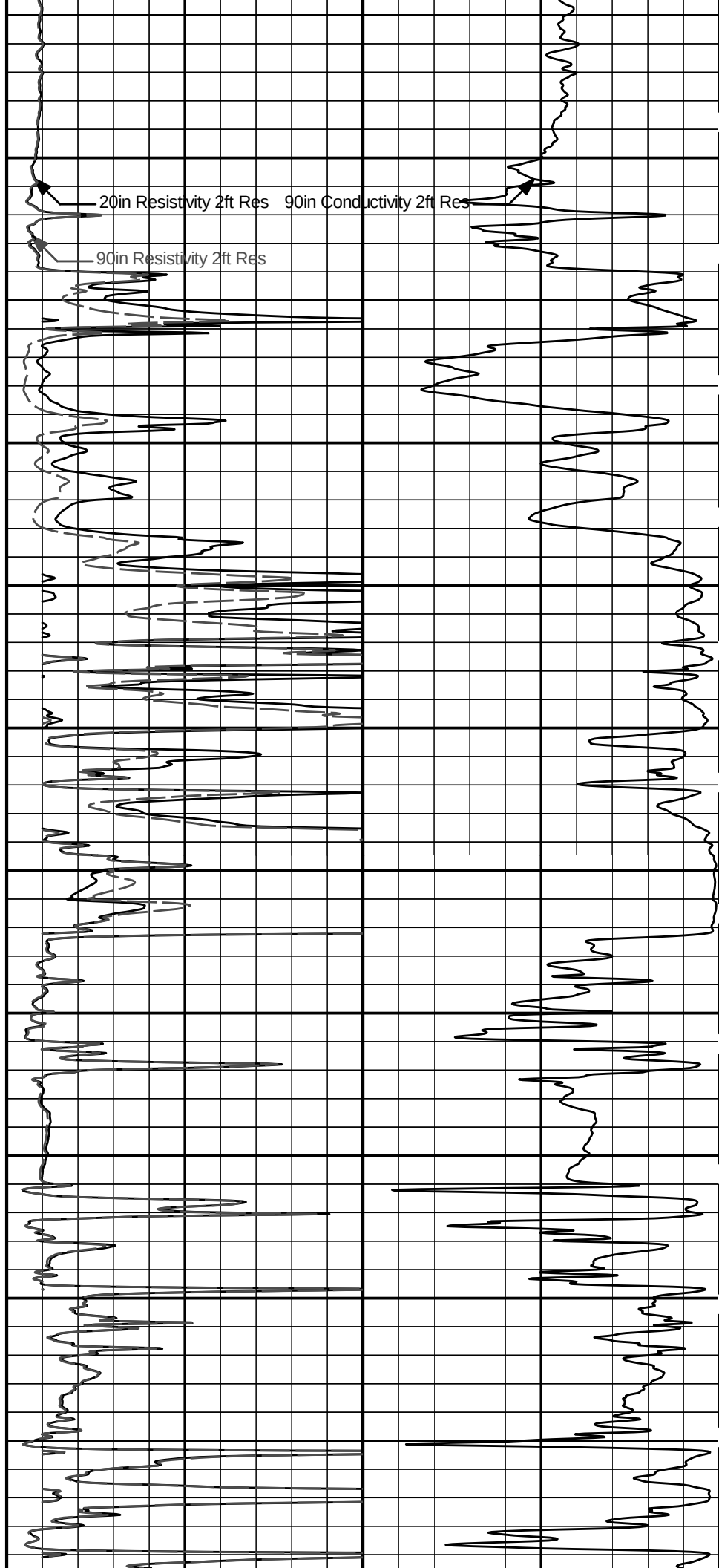
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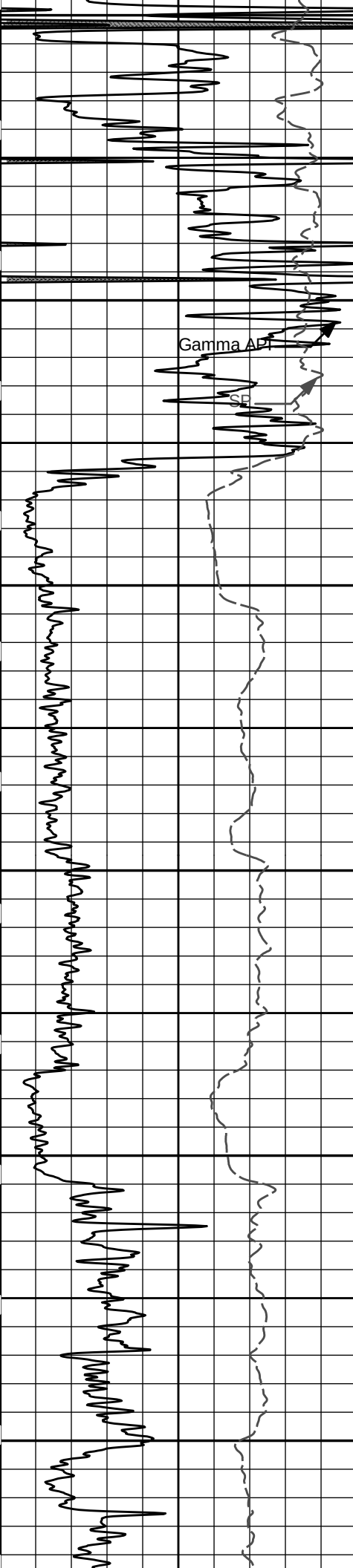
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3200

3300

3400





3500

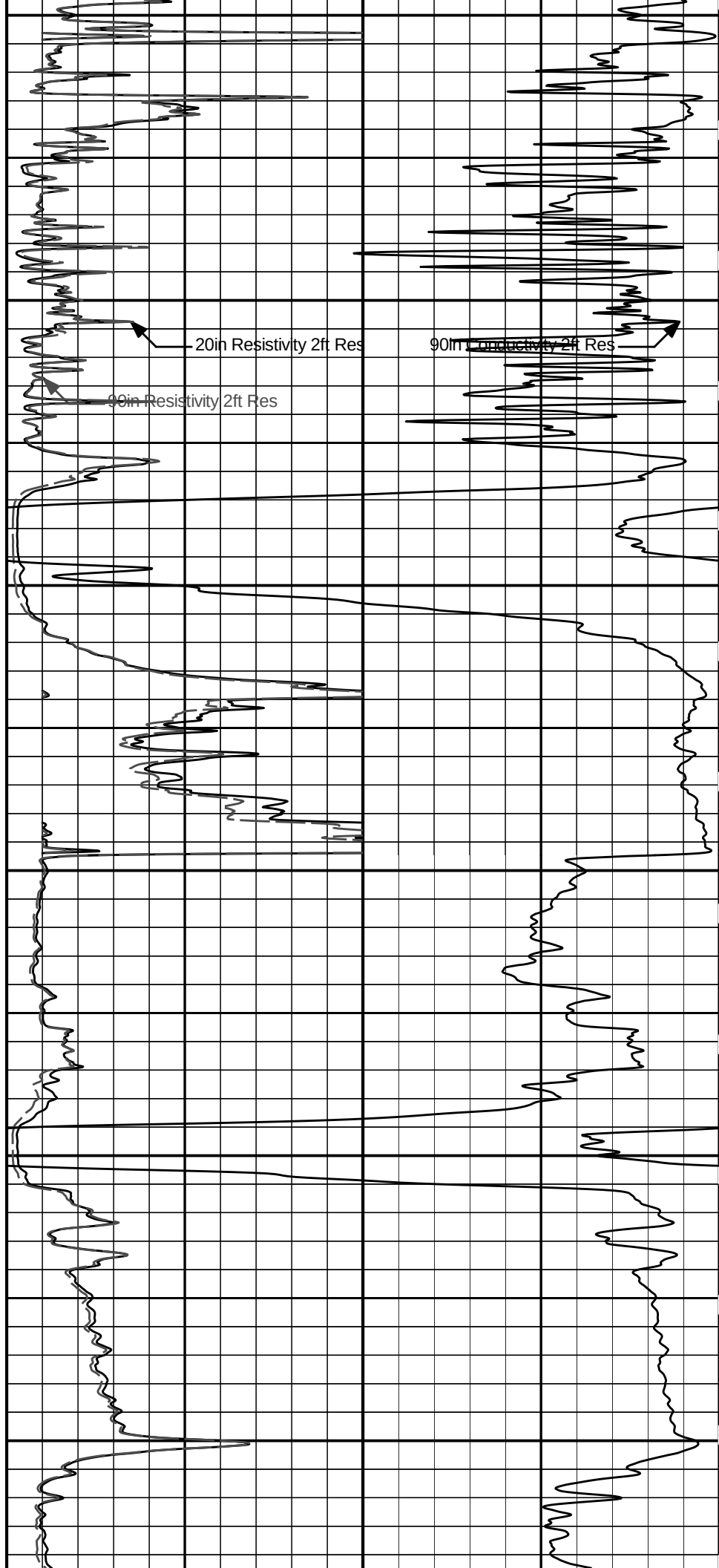
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3700

3800

3900

4000

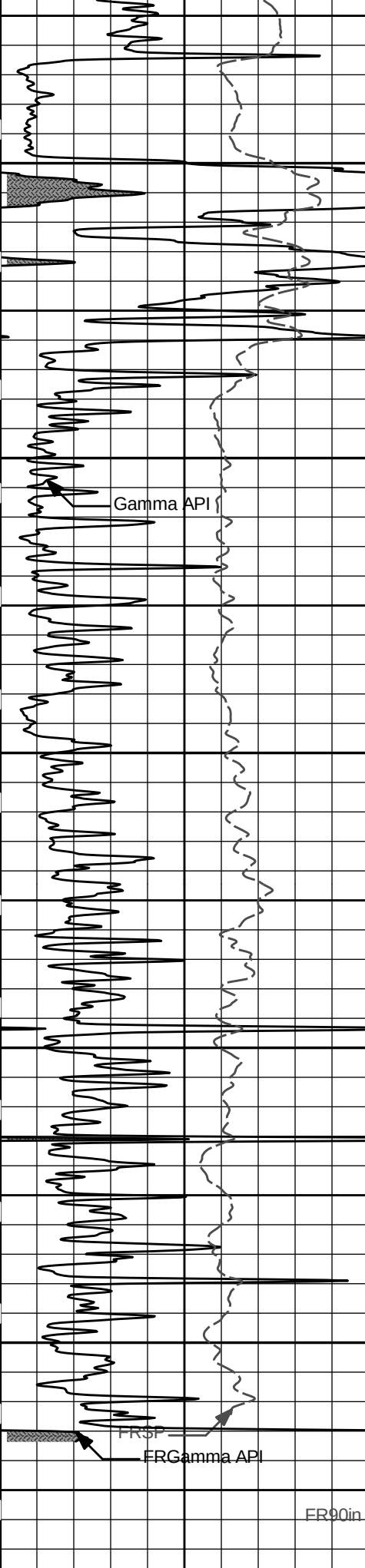


20in Resistivity 2ft Res

90in Resistivity 2ft Res

90in Conductivity 2ft Res





0 Gamma API 150

4100

4200

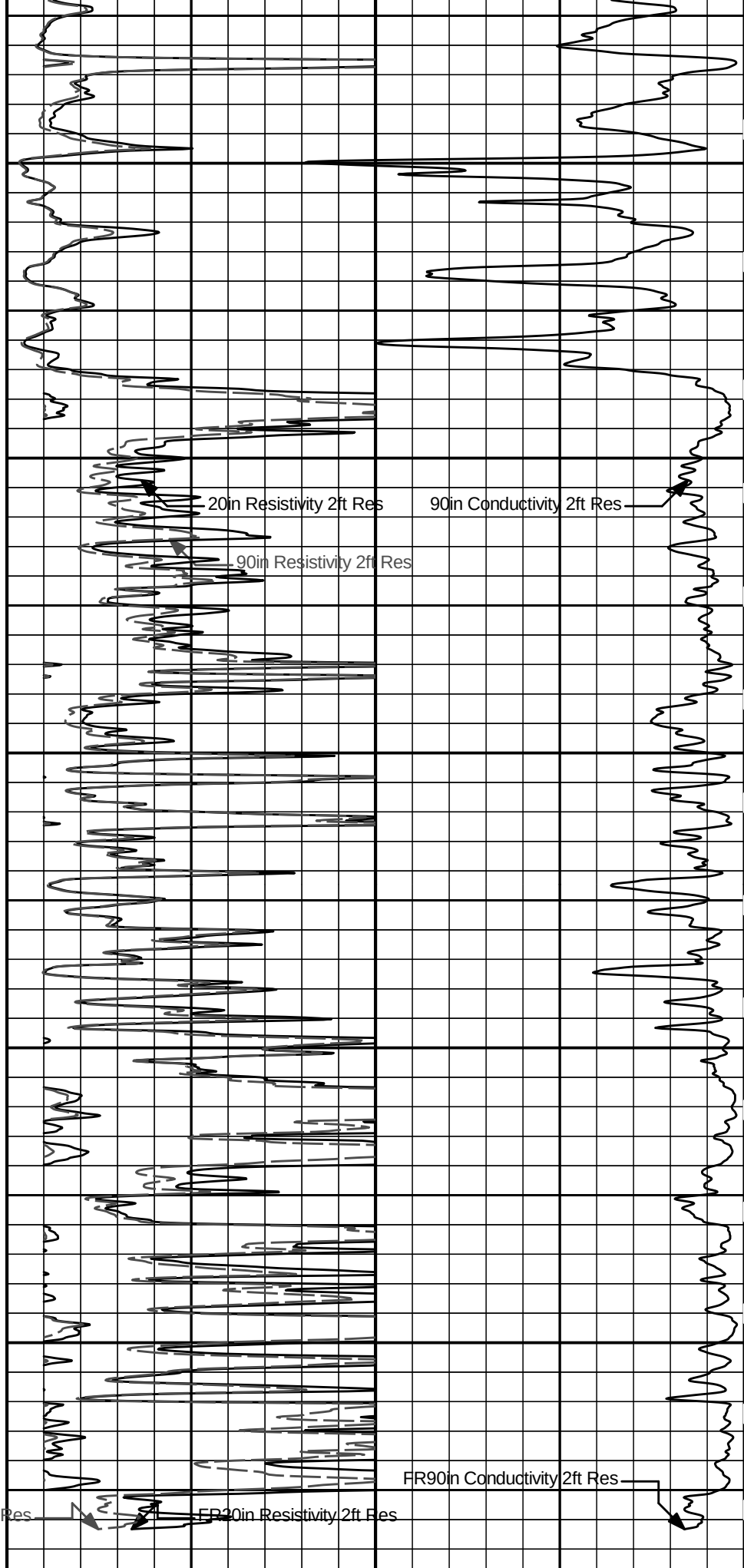
4300

4400

4500

TD

1 : 600  
ft



0 20in Resistivity 2ft Res 50

|                 |  |                                                                                                                                                                                                                    |  |
|-----------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| api             |  | ohm-metre                                                                                                                                                                                                          |  |
| SP              |  | 0 90in Resistivity 2ft Res 50                                                                                                                                                                                      |  |
| -]20[+          |  | ohm-metre                                                                                                                                                                                                          |  |
|                 |  | 1000 90in Conductivity 2ft Res 0                                                                                                                                                                                   |  |
|                 |  | mmho per metre                                                                                                                                                                                                     |  |
| HALLIBURTON     |  | Plot Time: 22-Jan-11 16:59:32<br>Plot Range: 590 ft to 4576.92 ft<br>Data: WELLINGTON_KGS\Well Based\DAQ-0001-MAIN\<br>Plot File: \\-LOCAL-\\WELLINGTON_KGS\0001 SP-GTET-DSN-SDL-ACRT-CHI\ACRT\ACRT_2_lib          |  |
|                 |  | 2 INCH MAIN LOG                                                                                                                                                                                                    |  |
| HALLIBURTON     |  | Plot Time: 22-Jan-11 16:59:33<br>Plot Range: 590 ft to 4577.92 ft<br>Data: WELLINGTON_KGS\Well Based\DAQ-0001-MAIN\<br>Plot File: \\-LOCAL-\\WELLINGTON_KGS\0001 SP-GTET-DSN-SDL-ACRT-CHI\ACRT\EOG_ACRT_5_MAIN_LIB |  |
|                 |  | 5 INCH MAIN LOG                                                                                                                                                                                                    |  |
|                 |  | 0.2 90in Resistivity 2ft Res 2000                                                                                                                                                                                  |  |
|                 |  | ohmm                                                                                                                                                                                                               |  |
| SHALE 1         |  | 0.2 60in Resistivity 2ft Res 2000                                                                                                                                                                                  |  |
|                 |  | ohmm                                                                                                                                                                                                               |  |
| 0 Gamma API 150 |  | 0.2 RXO 2000                                                                                                                                                                                                       |  |
| api             |  | ohmm                                                                                                                                                                                                               |  |
| SP              |  | 15K Tension 0                                                                                                                                                                                                      |  |
| -]20[+          |  | pounds                                                                                                                                                                                                             |  |
| 600 CSG         |  |                                                                                                                                                                                                                    |  |



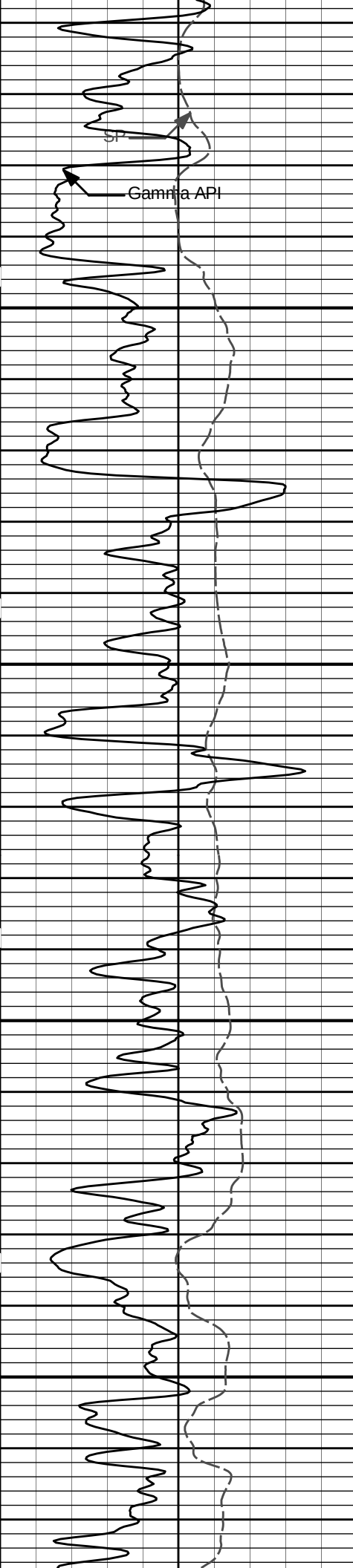
700

60in Resistivity 2ft Res

RXD

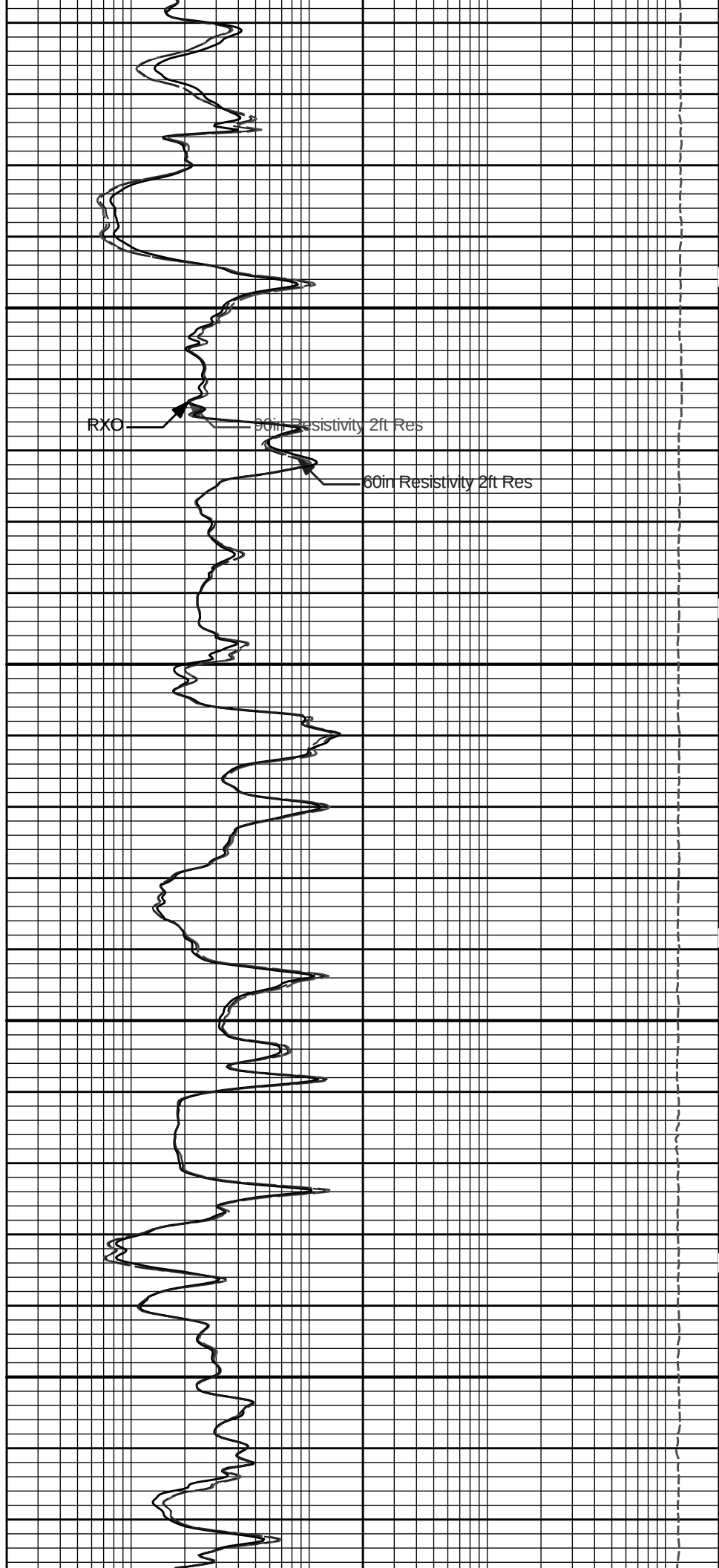
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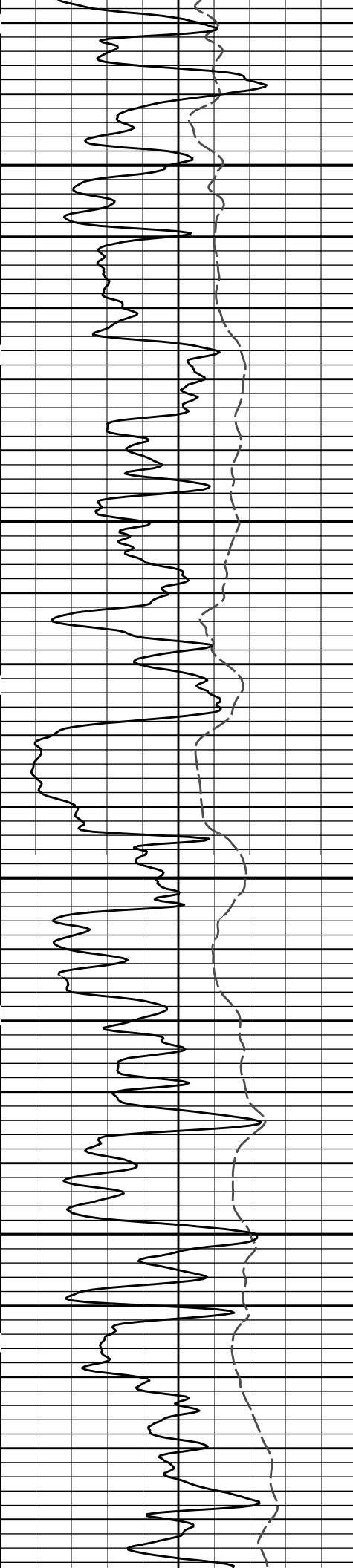
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1000

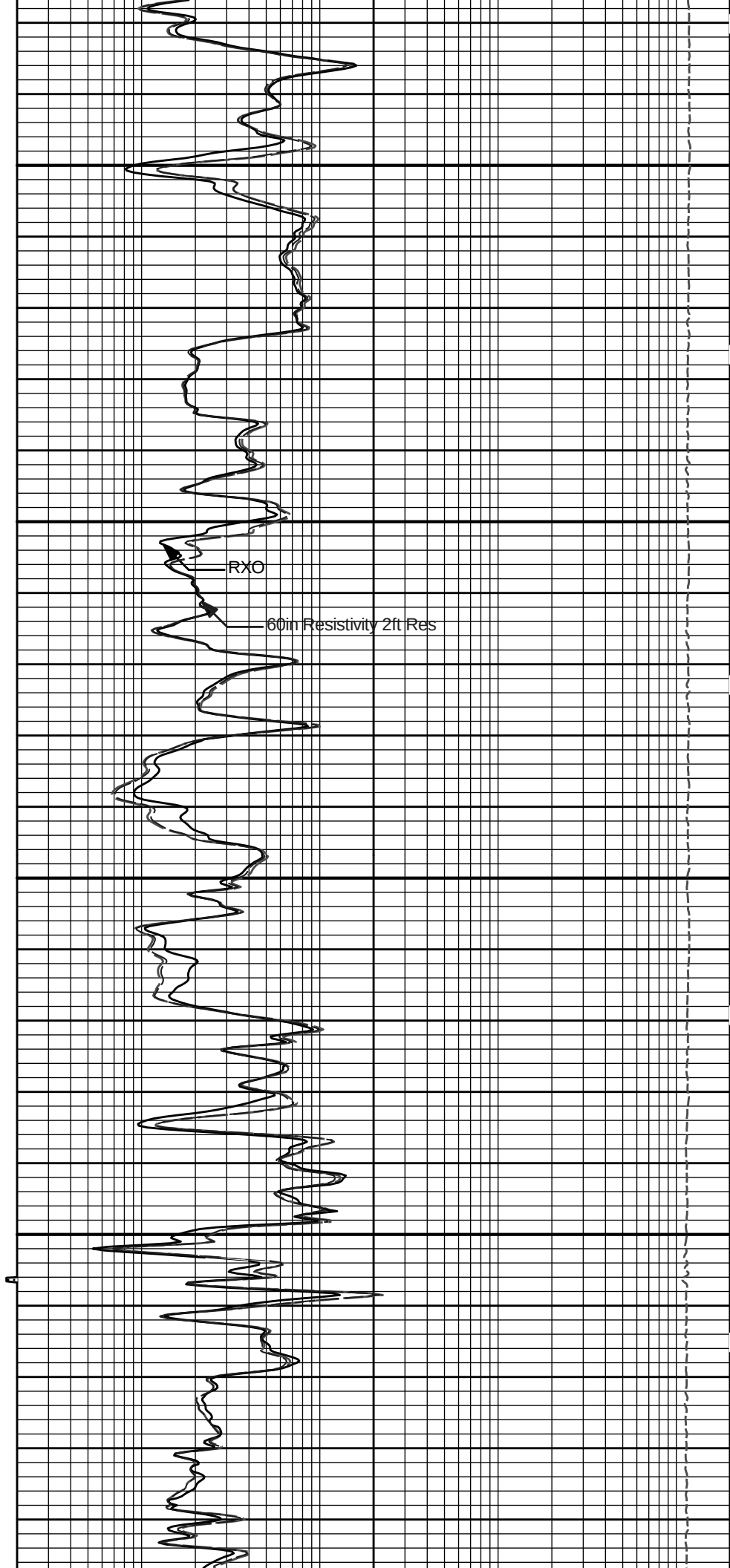
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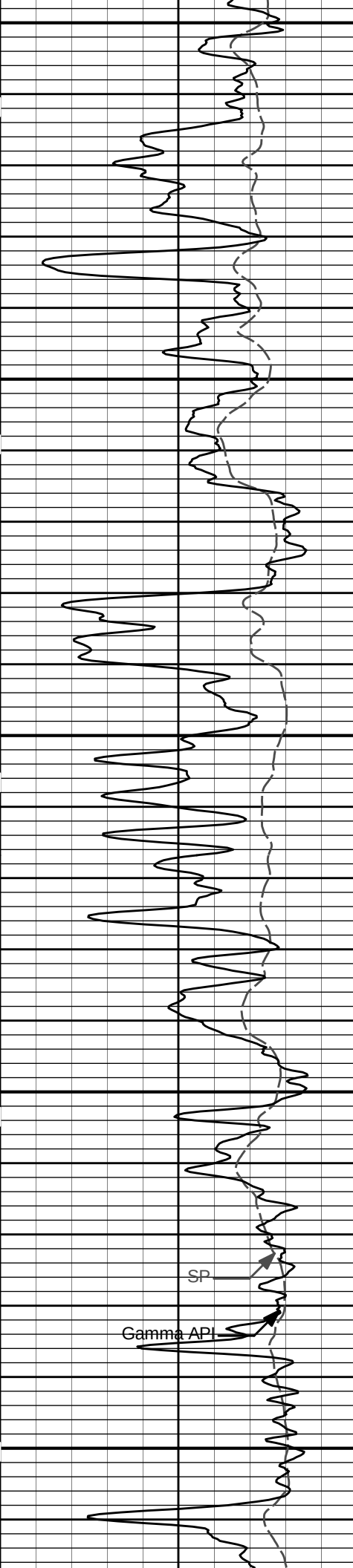




1200

1300

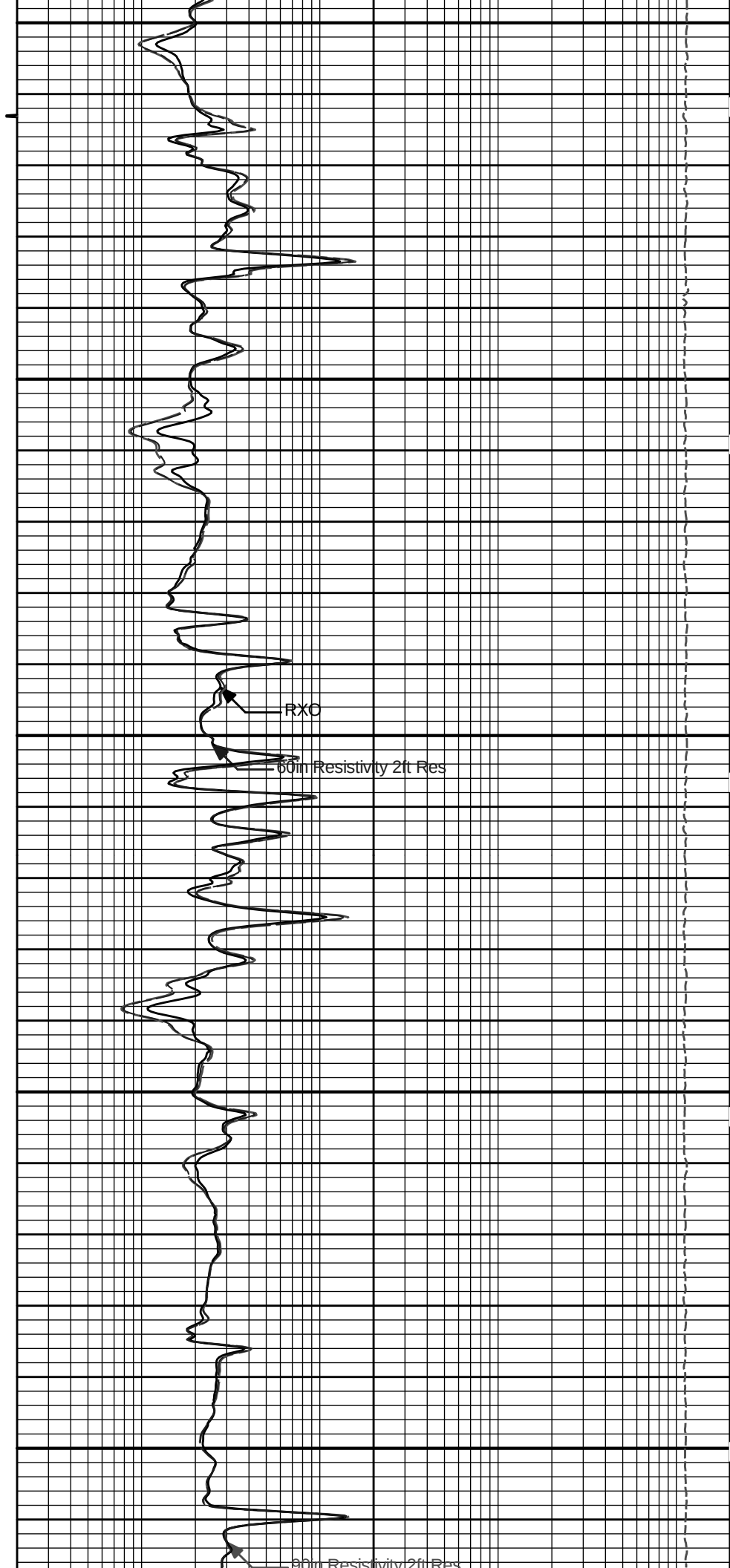




1400

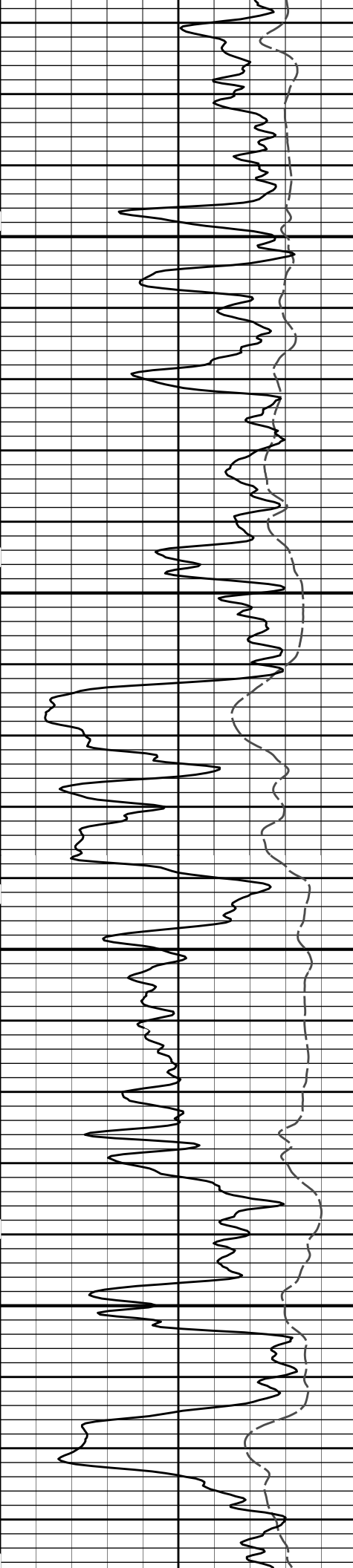
1500

SP  
Gamma API



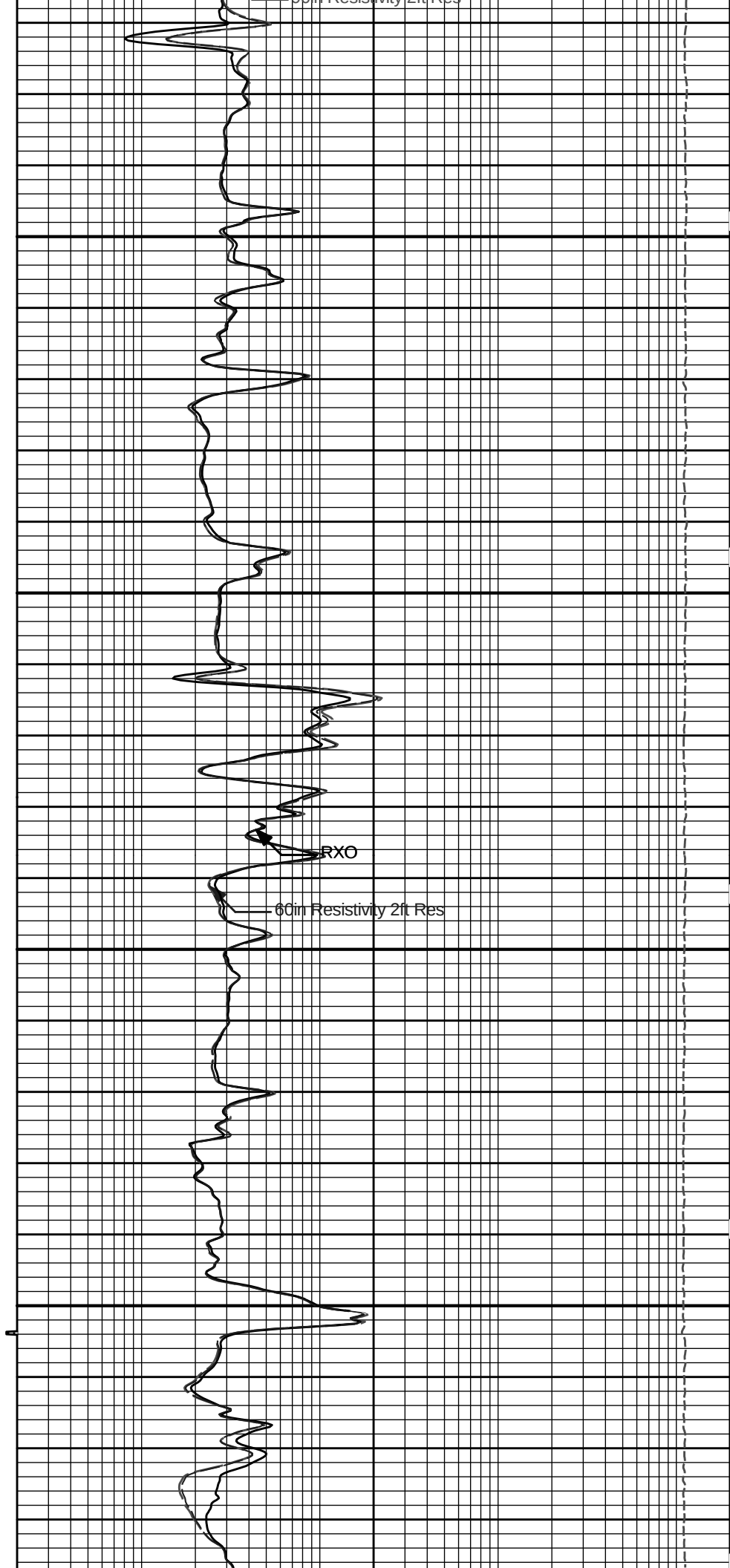
RXO  
60in Resistivity 2ft Res

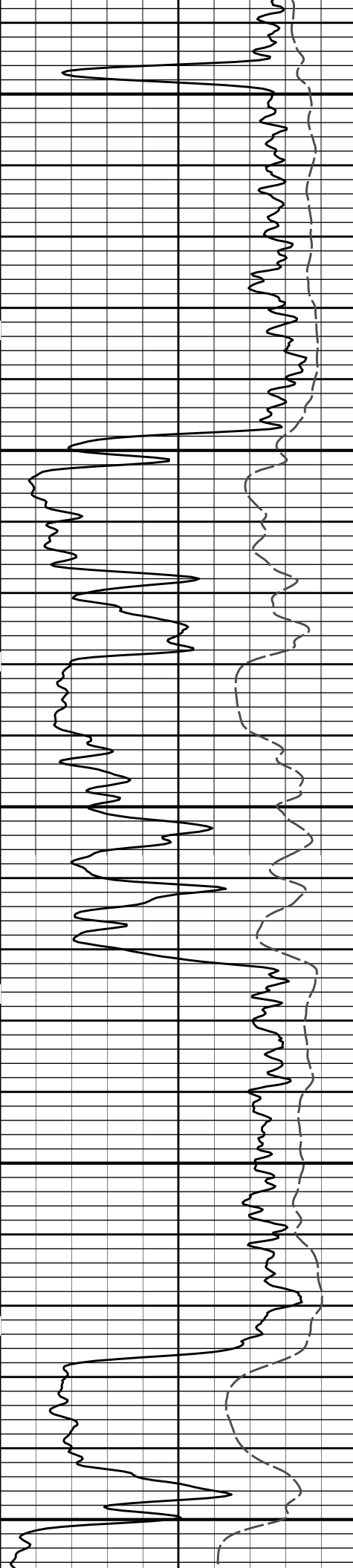
60in Resistivity 2ft Res



1600

1700

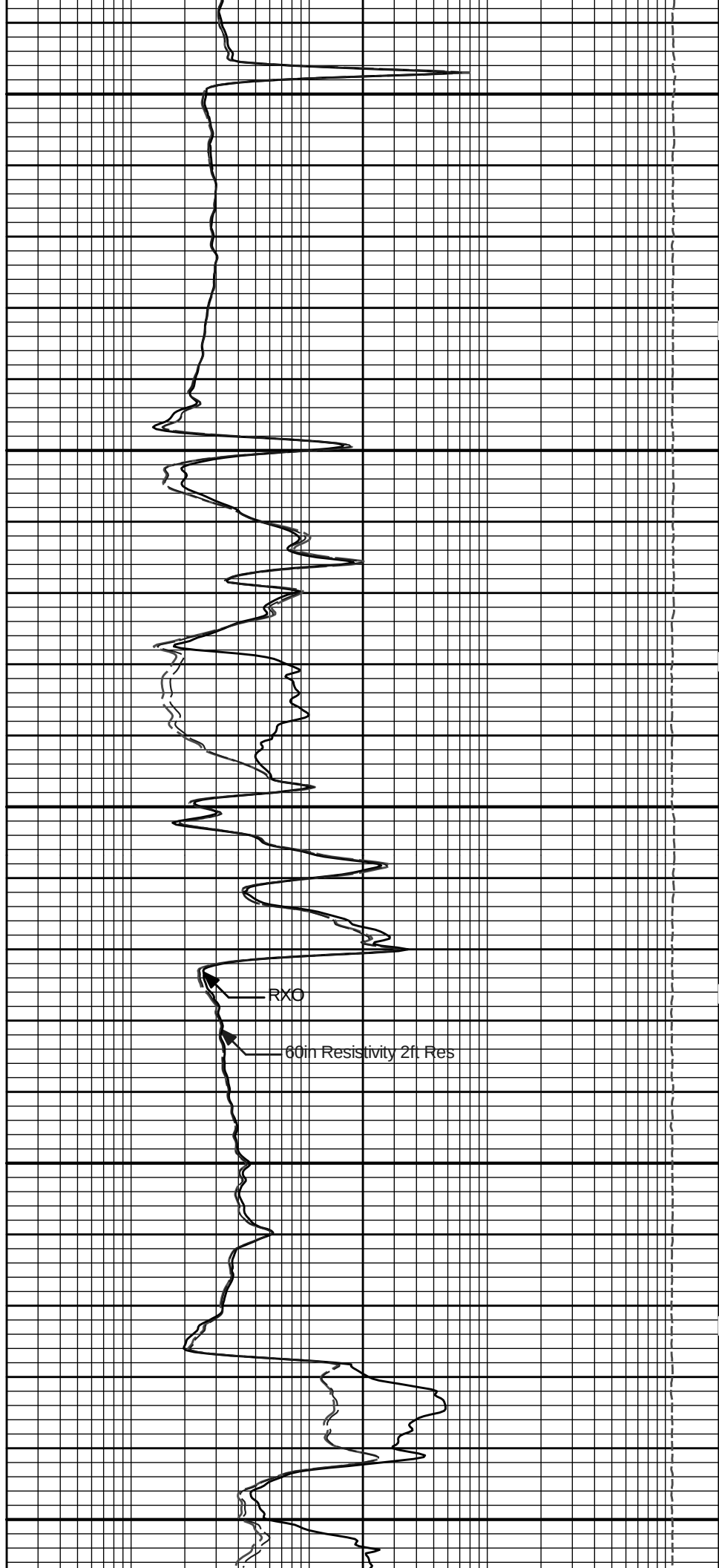




1800

1900

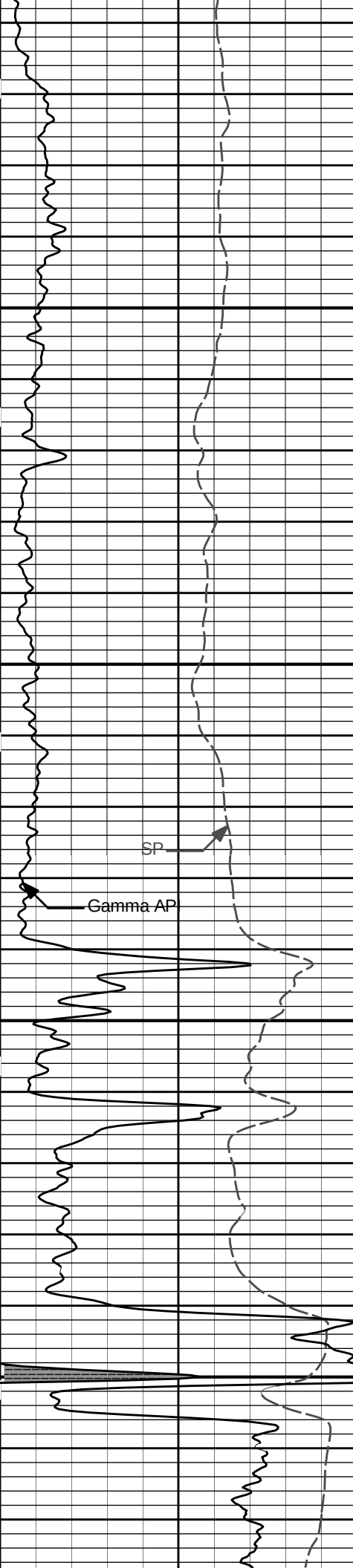
2000



RXO

60in Resistivity 2ft. Res



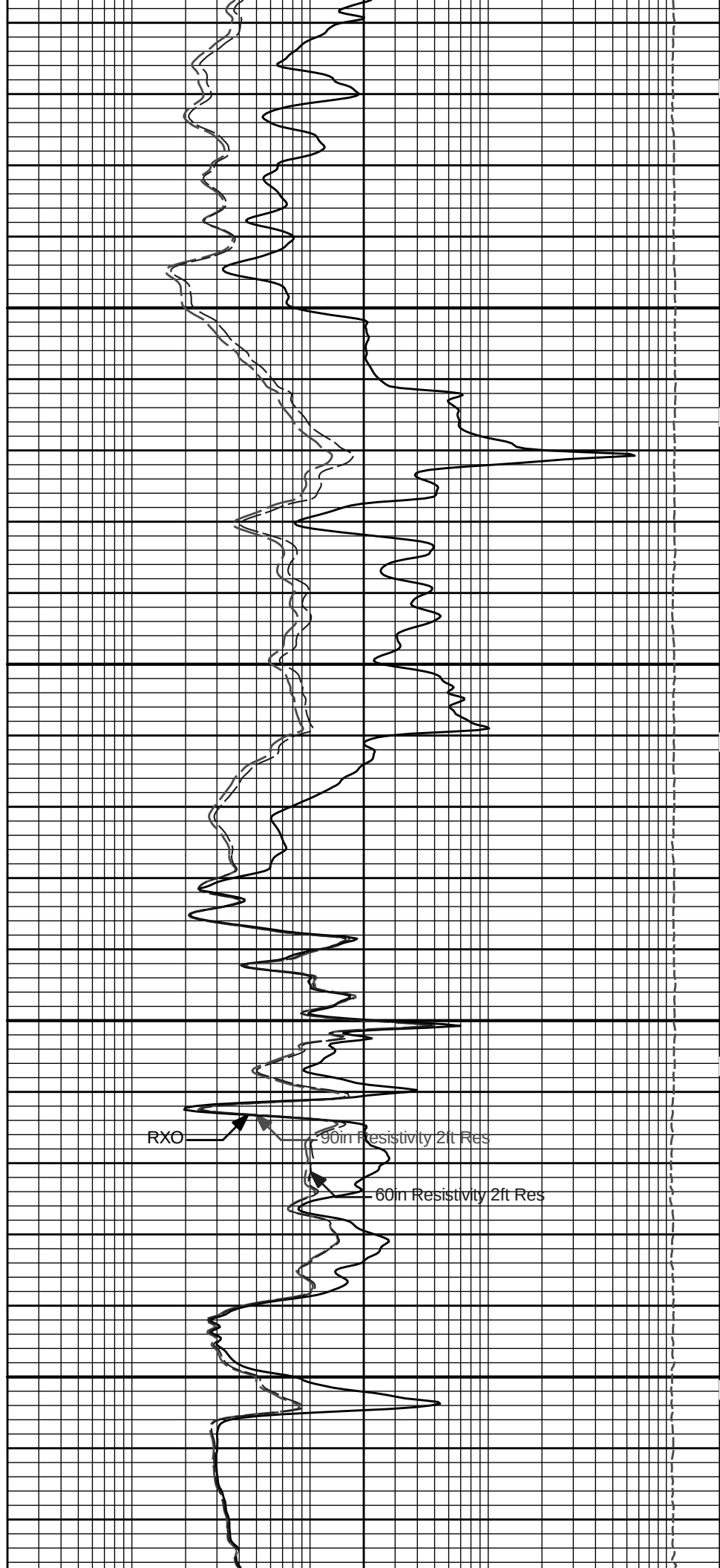


2100

SP

Gamma AP

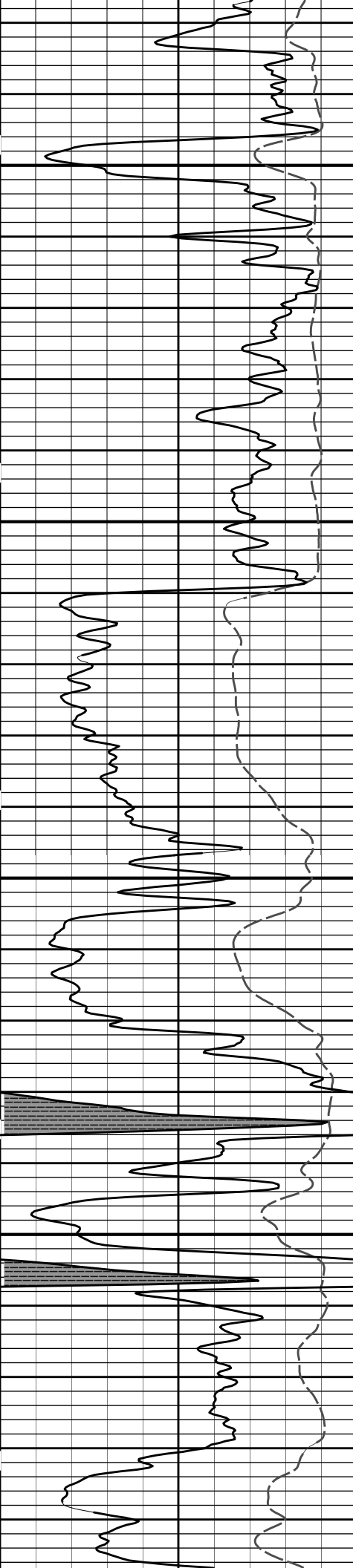
2200



RXO

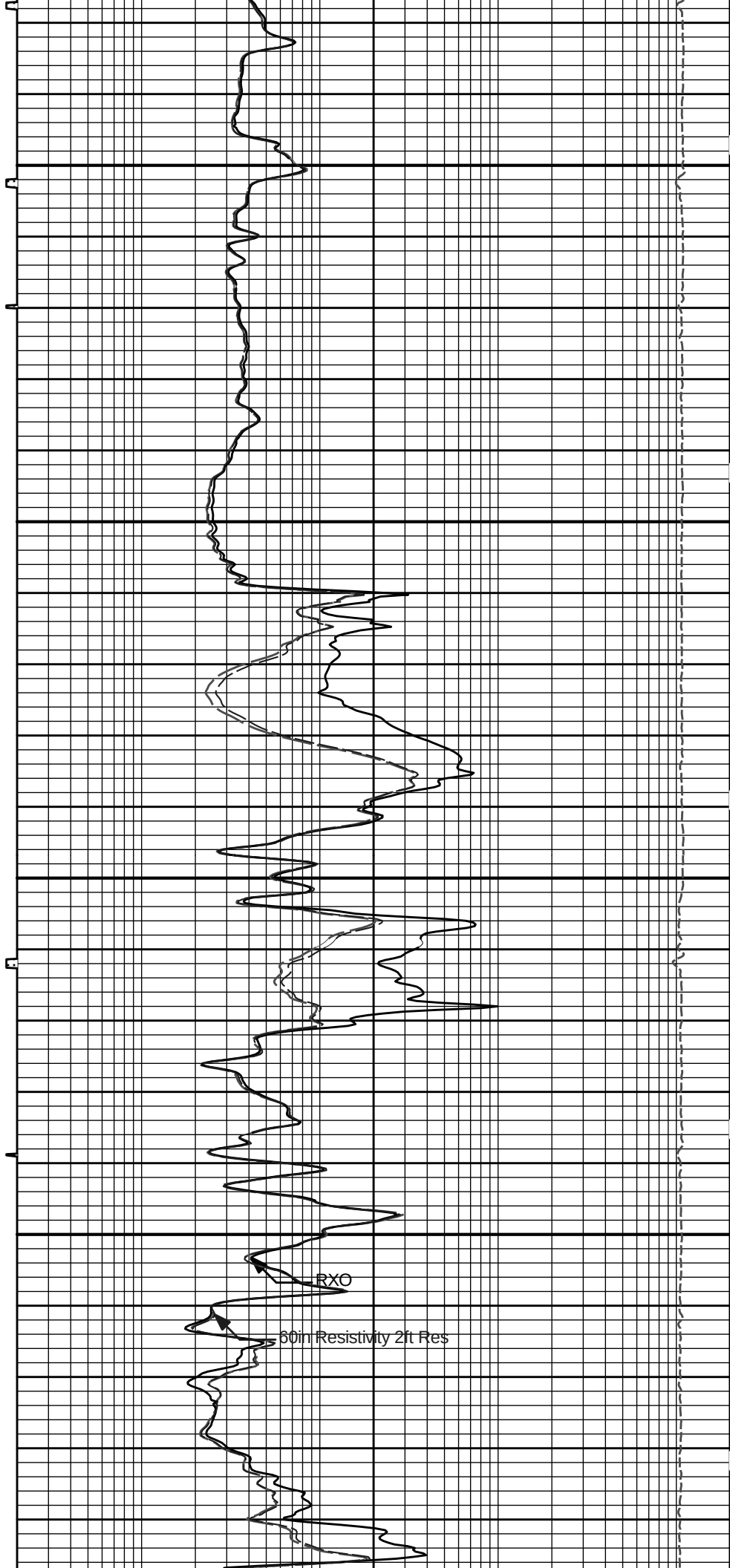
90in Resistivity 2ft Res

60in Resistivity 2ft Res



2300

2400



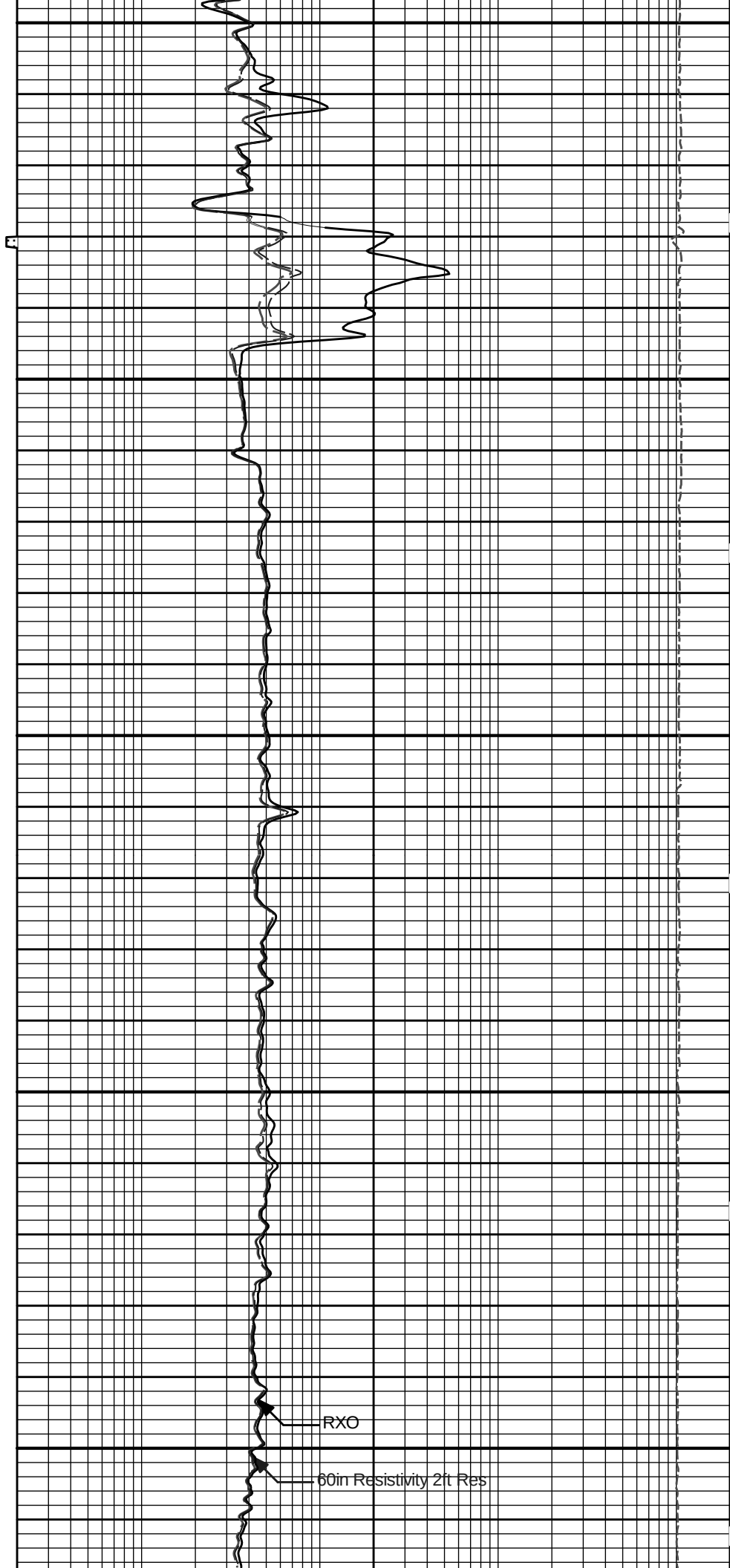
RXO

60in Resistivity 2ft Res



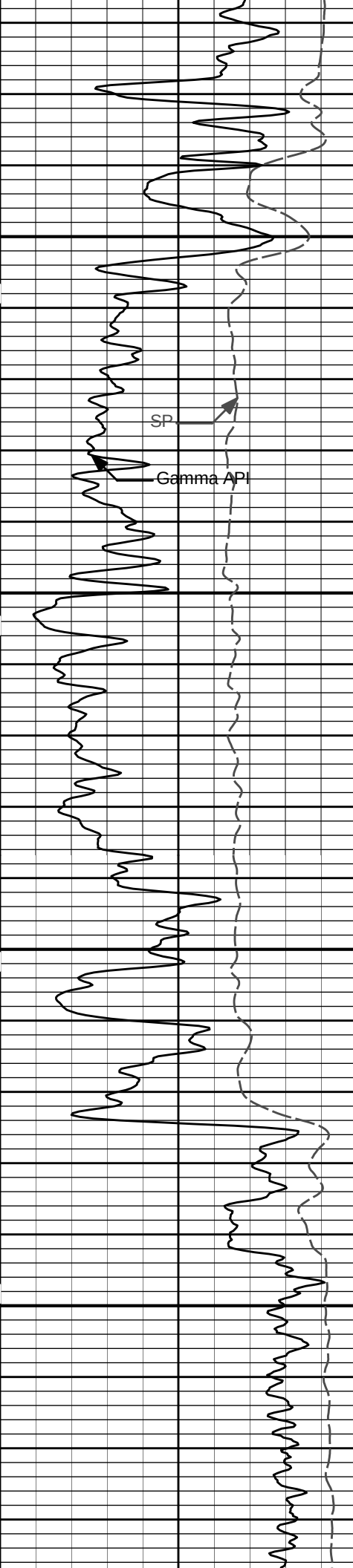
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2600



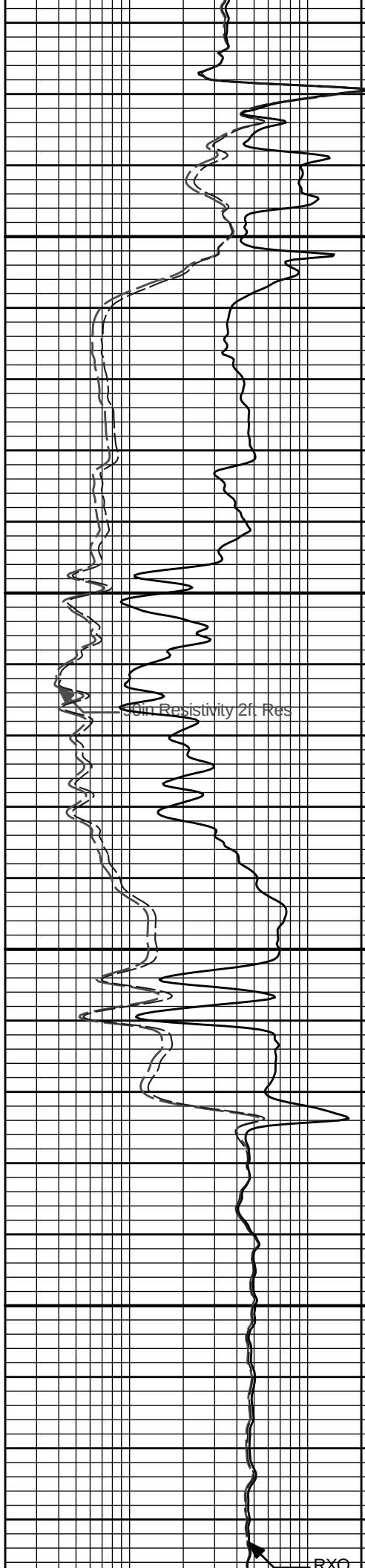
RXO

60in Resistivity 2ft Res

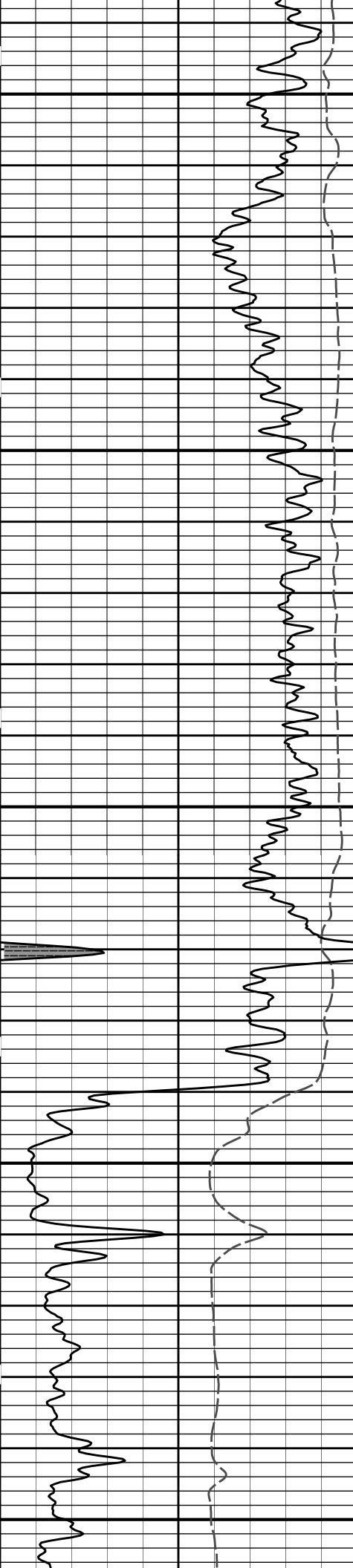


2700

2800



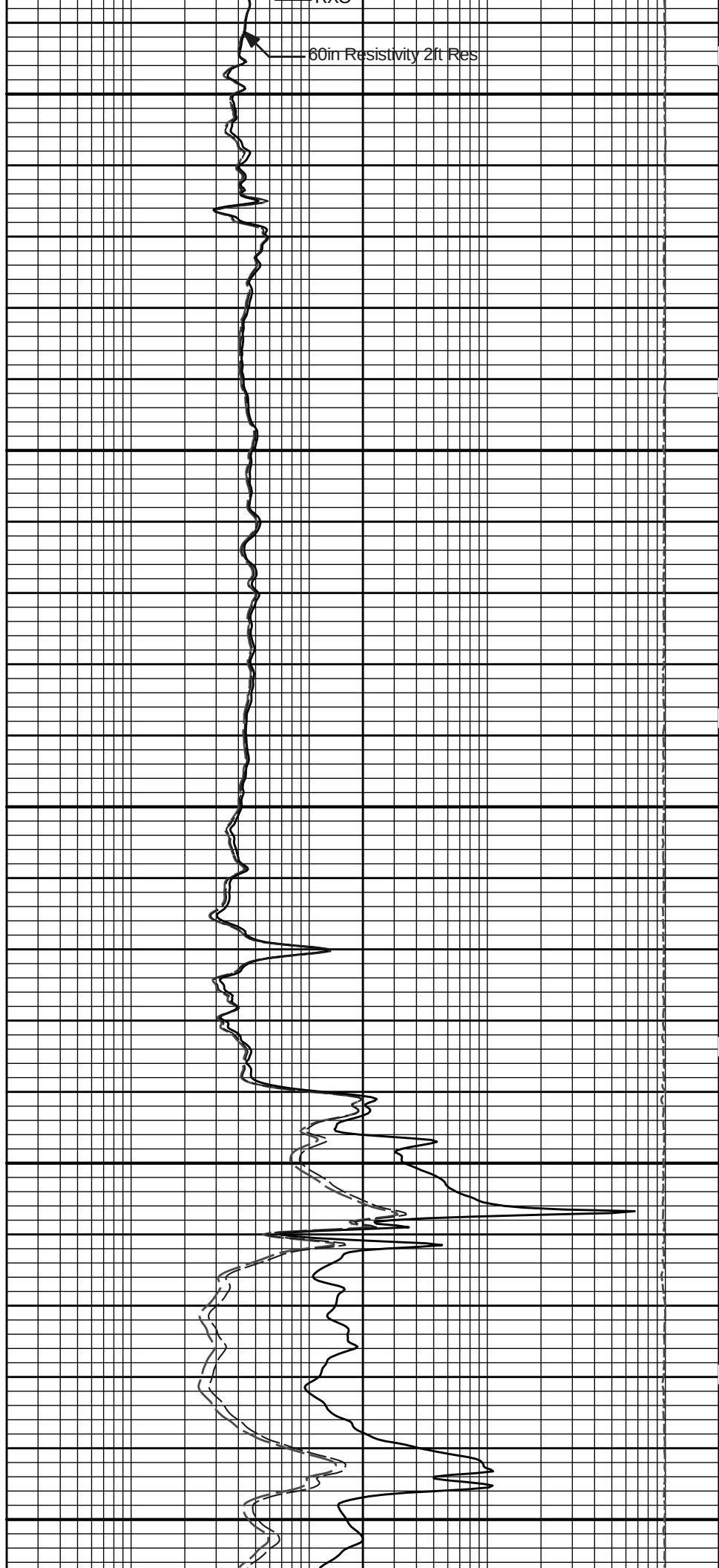
RXO



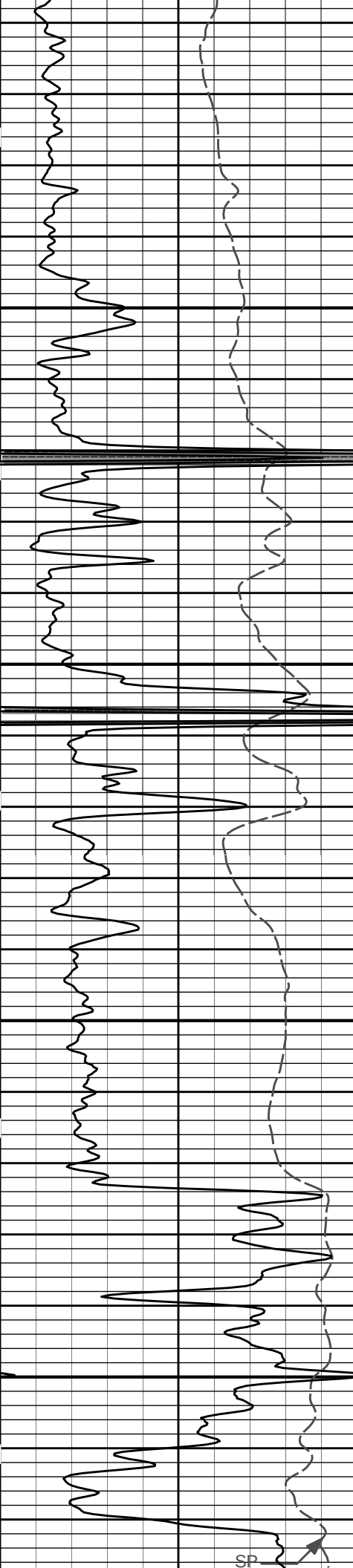
2900

3000

3100

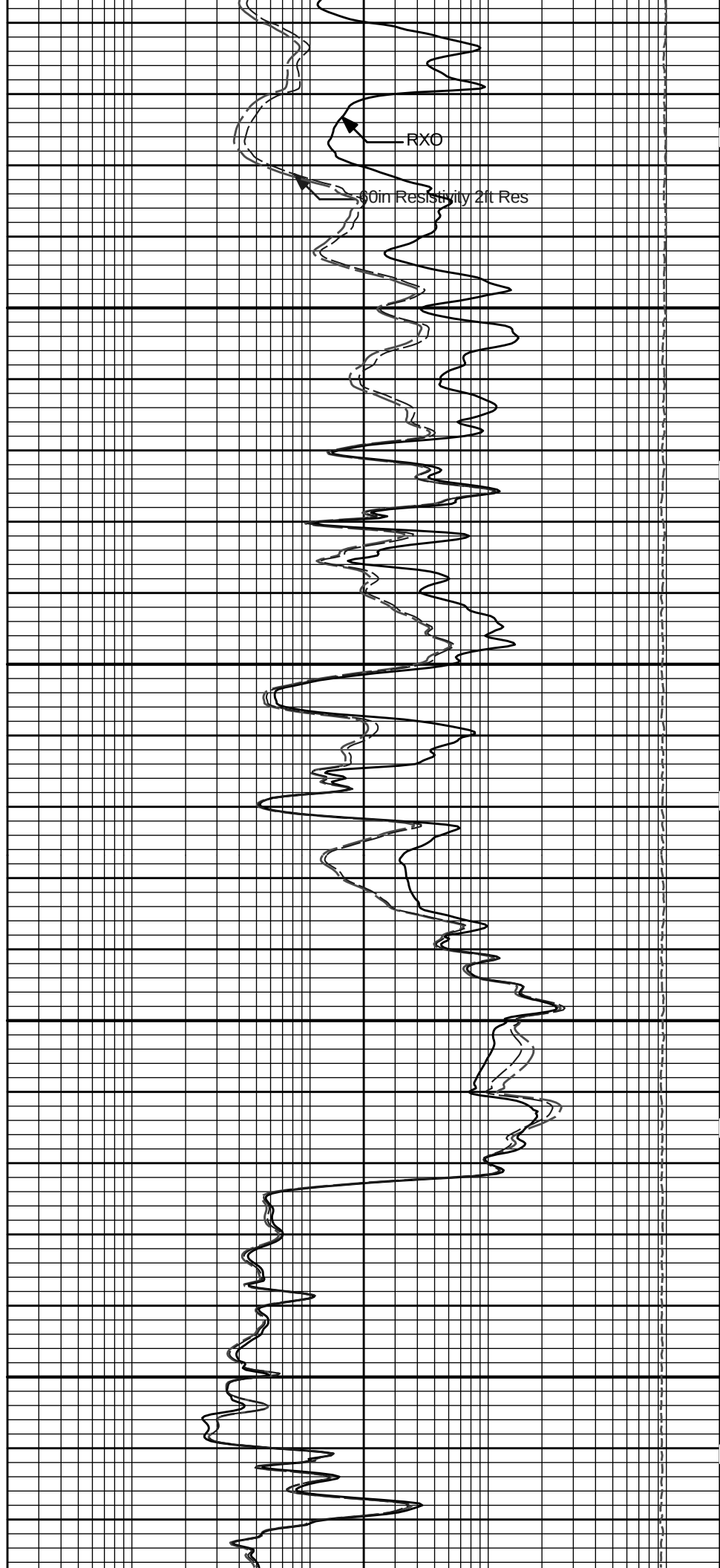


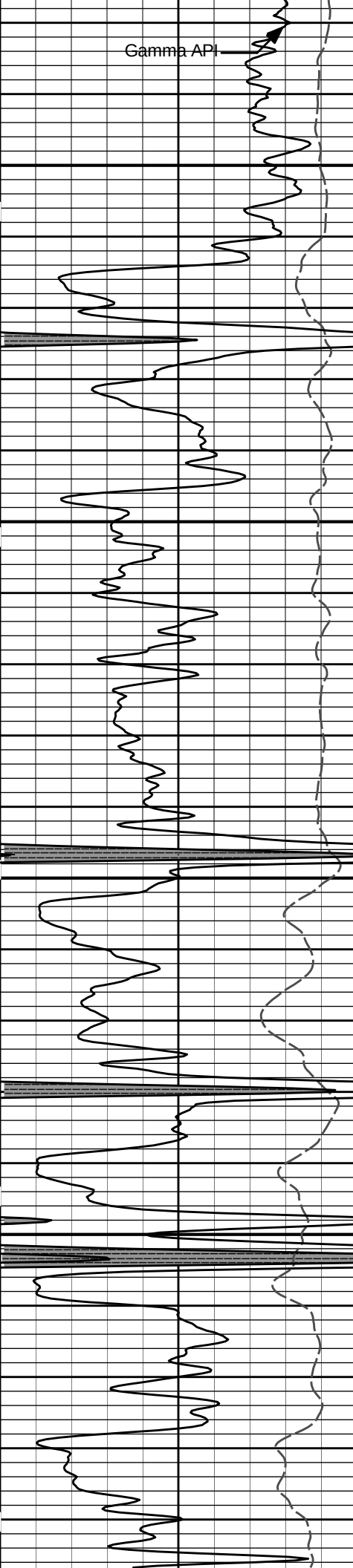
60in Resistivity 2ft Res



3200

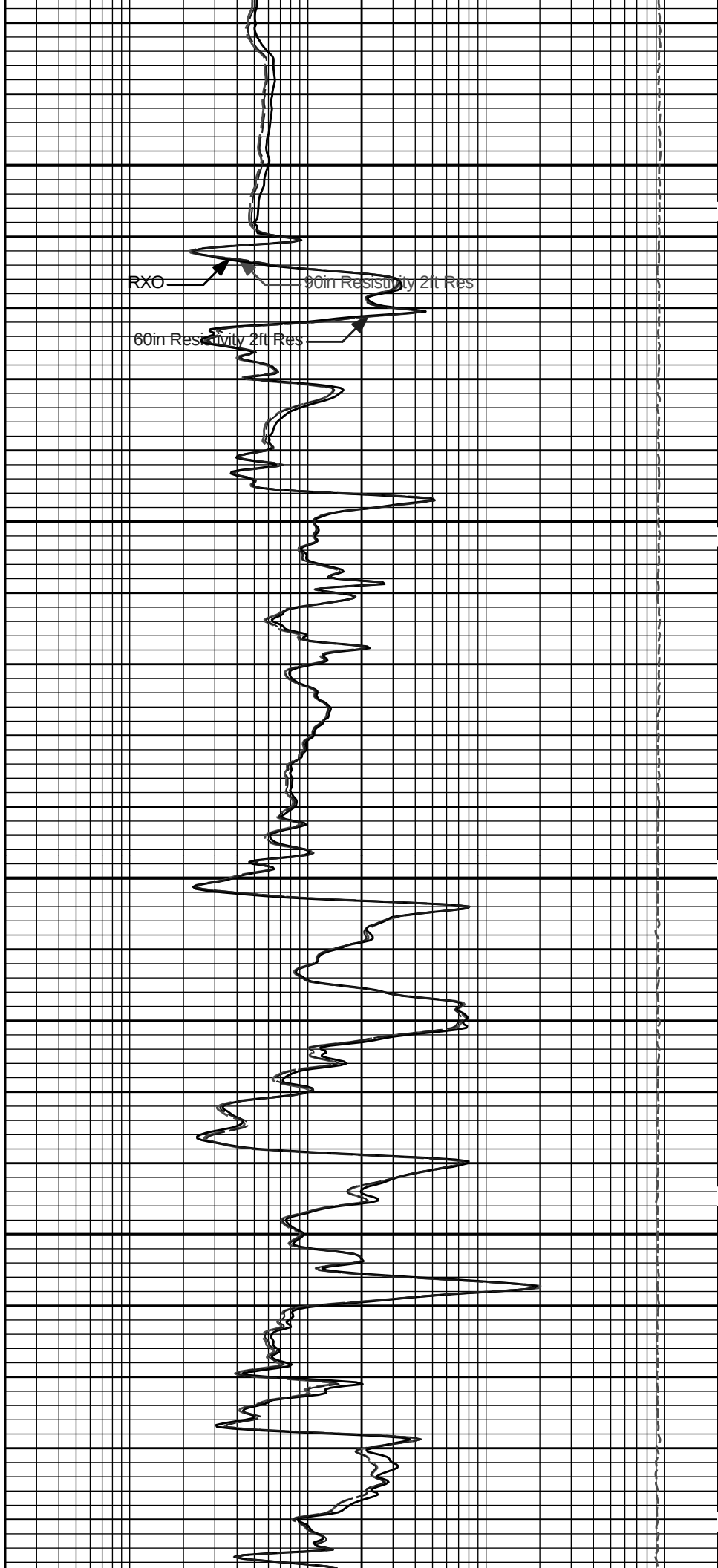
3300

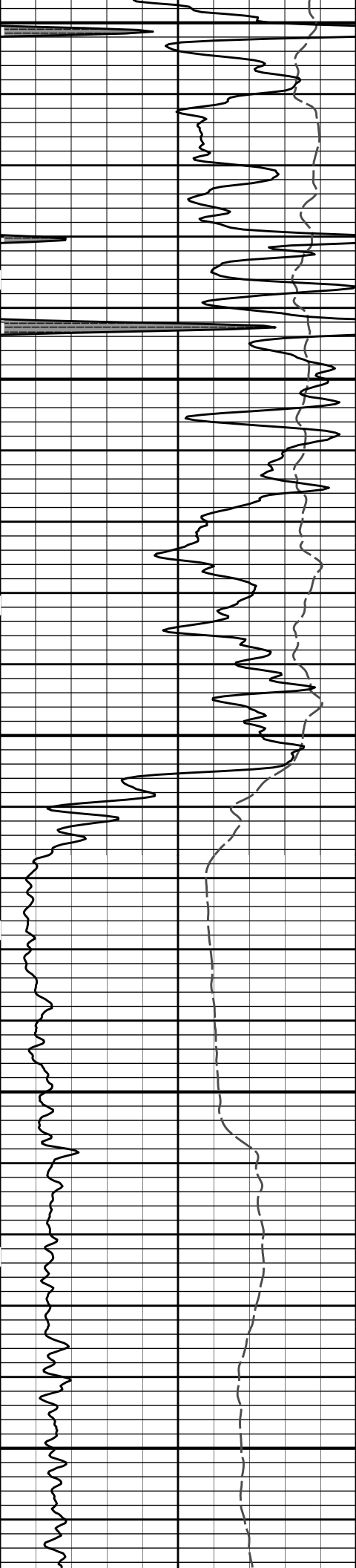




3400

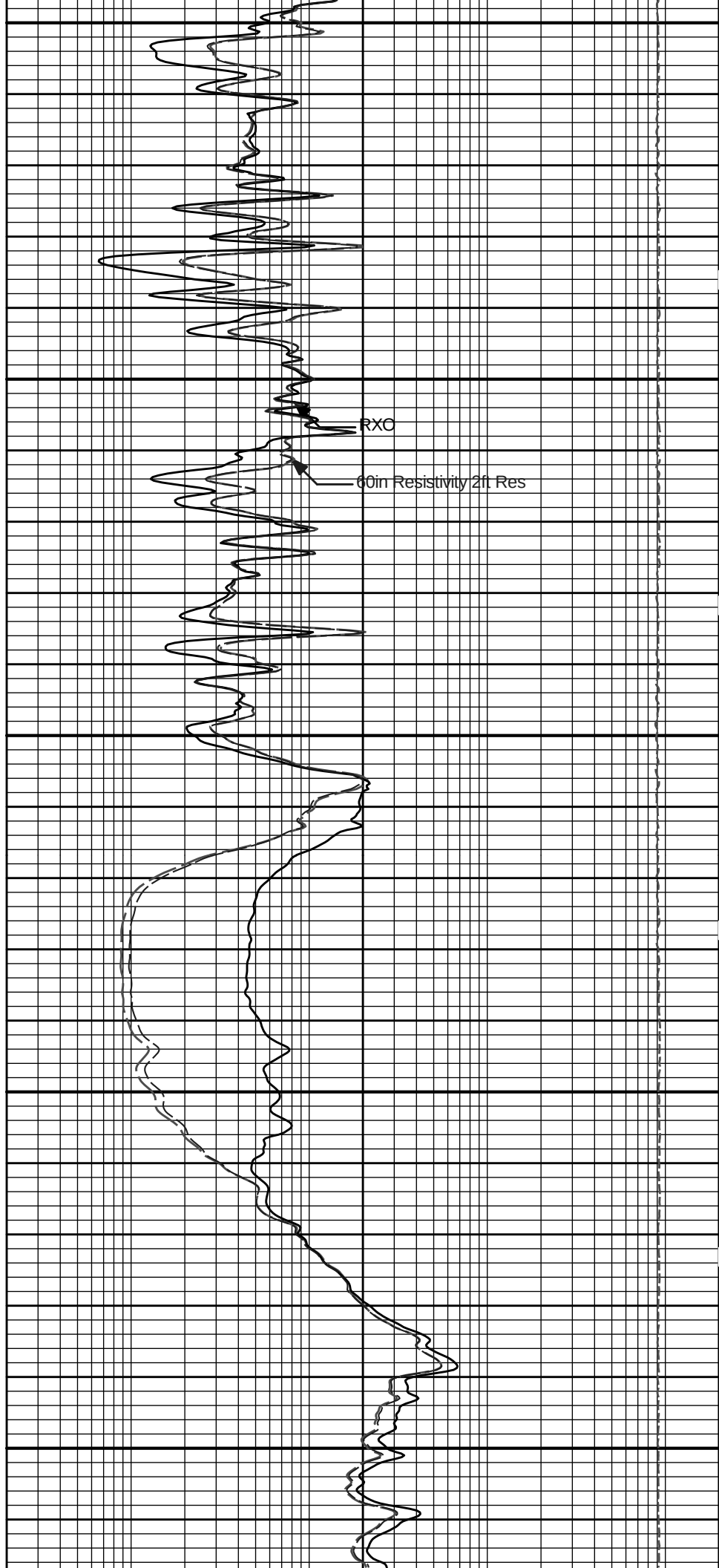
3500



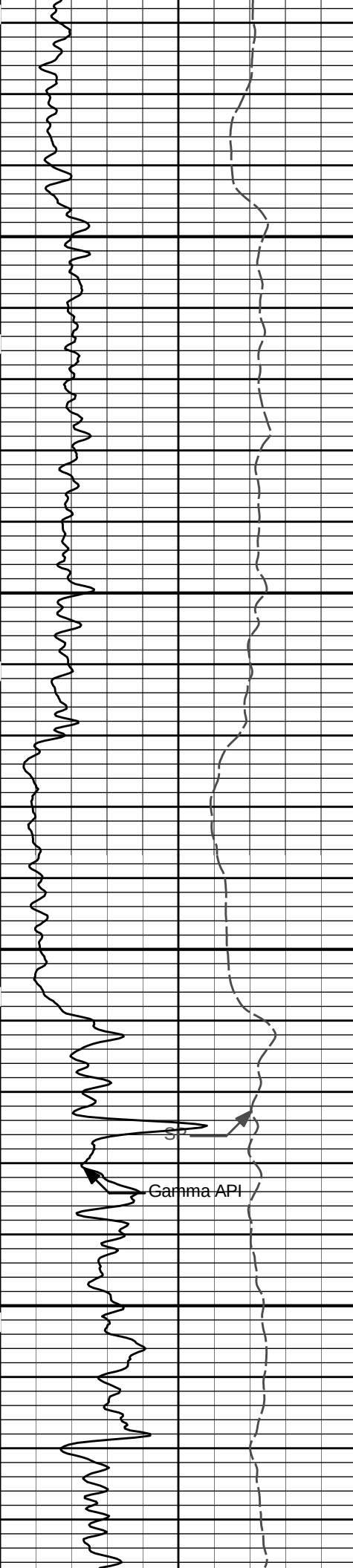


3600

3700

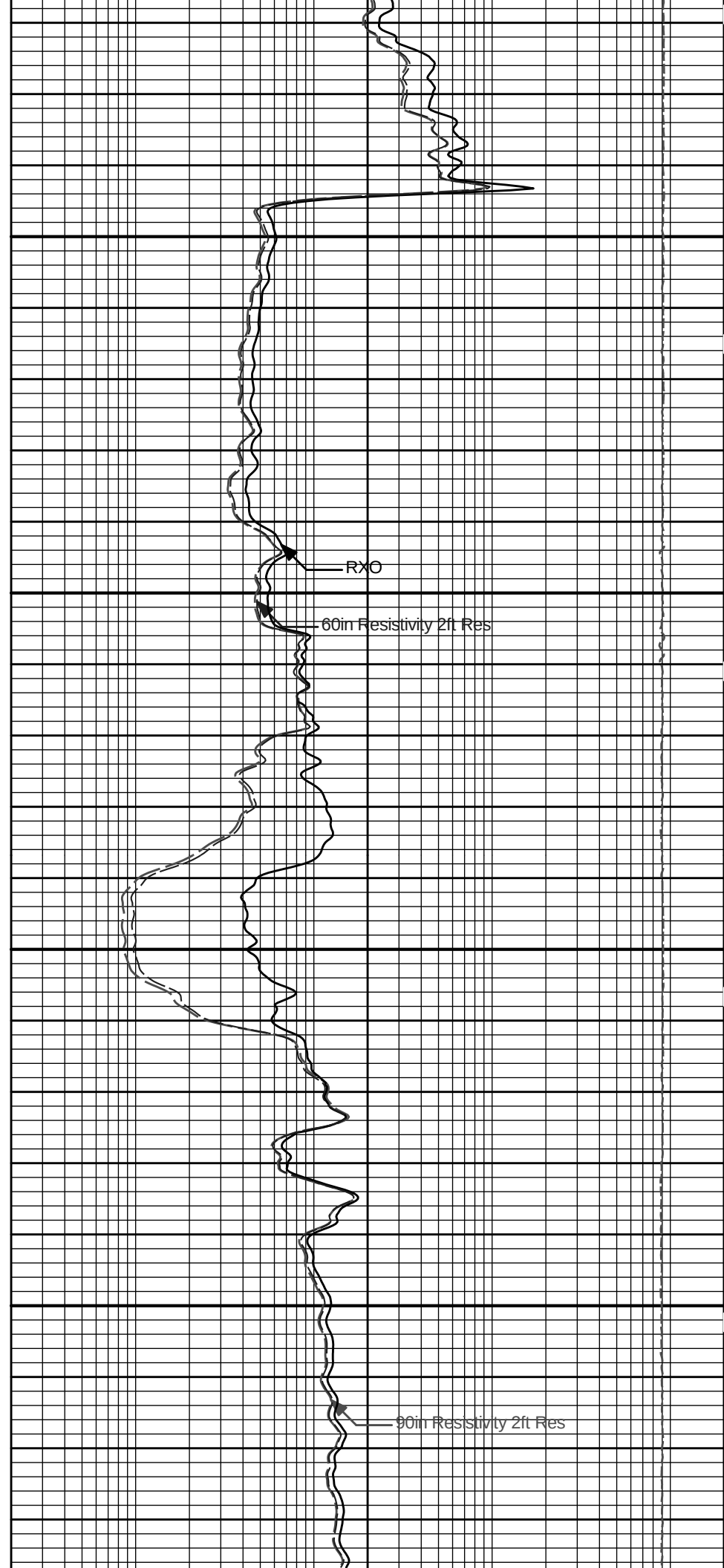






3800

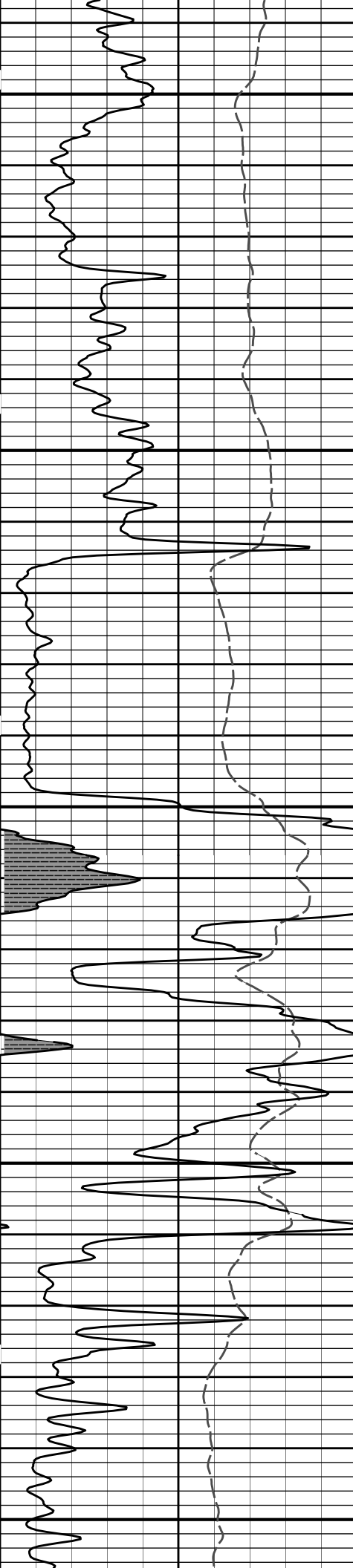
3900



RXO

60in Resistivity 2ft Res

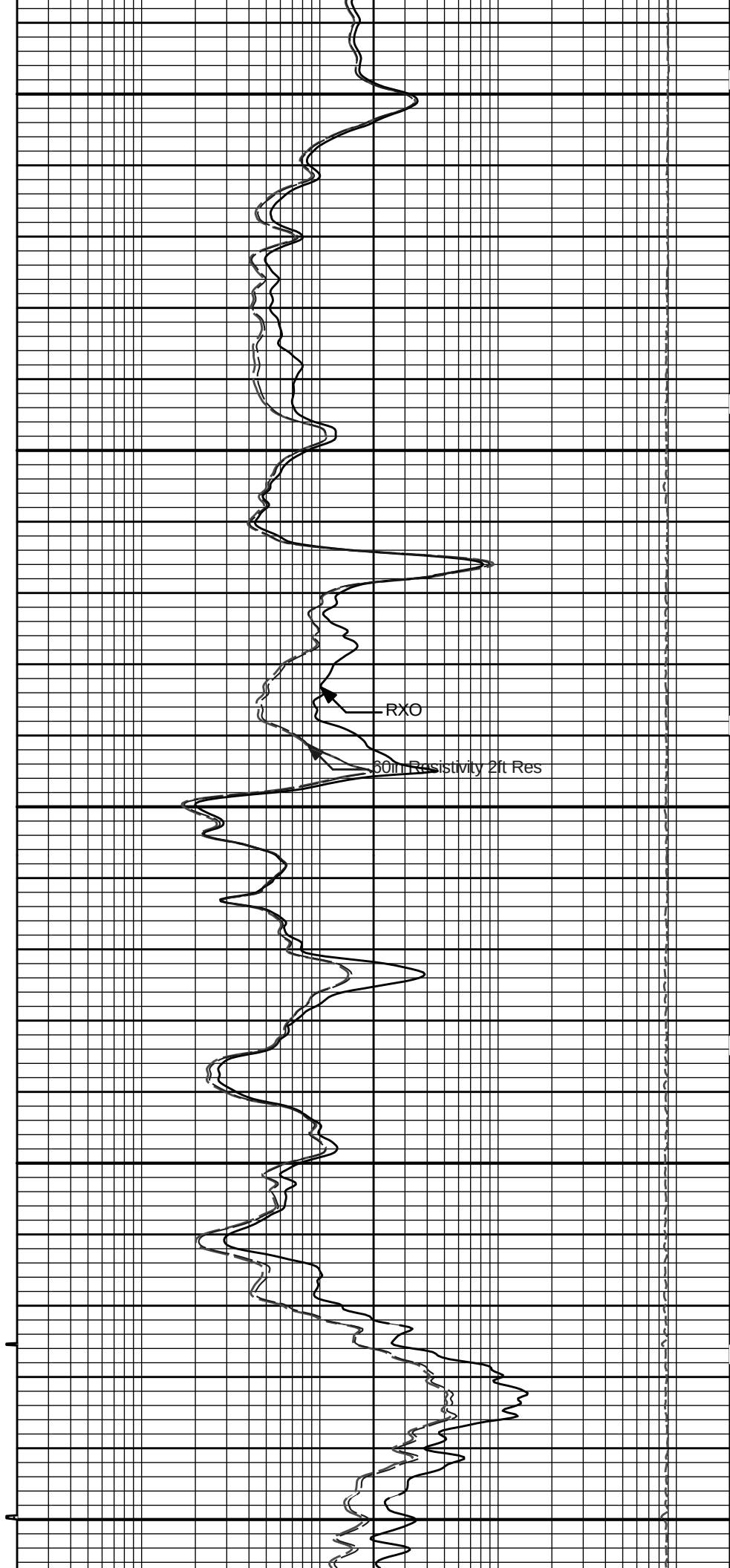
90in Resistivity 2ft Res

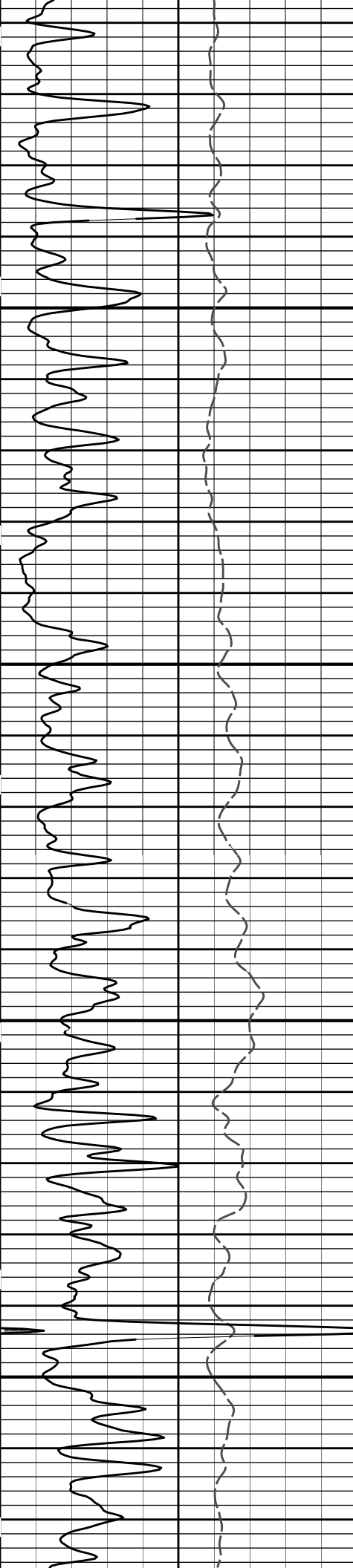


4000

4100

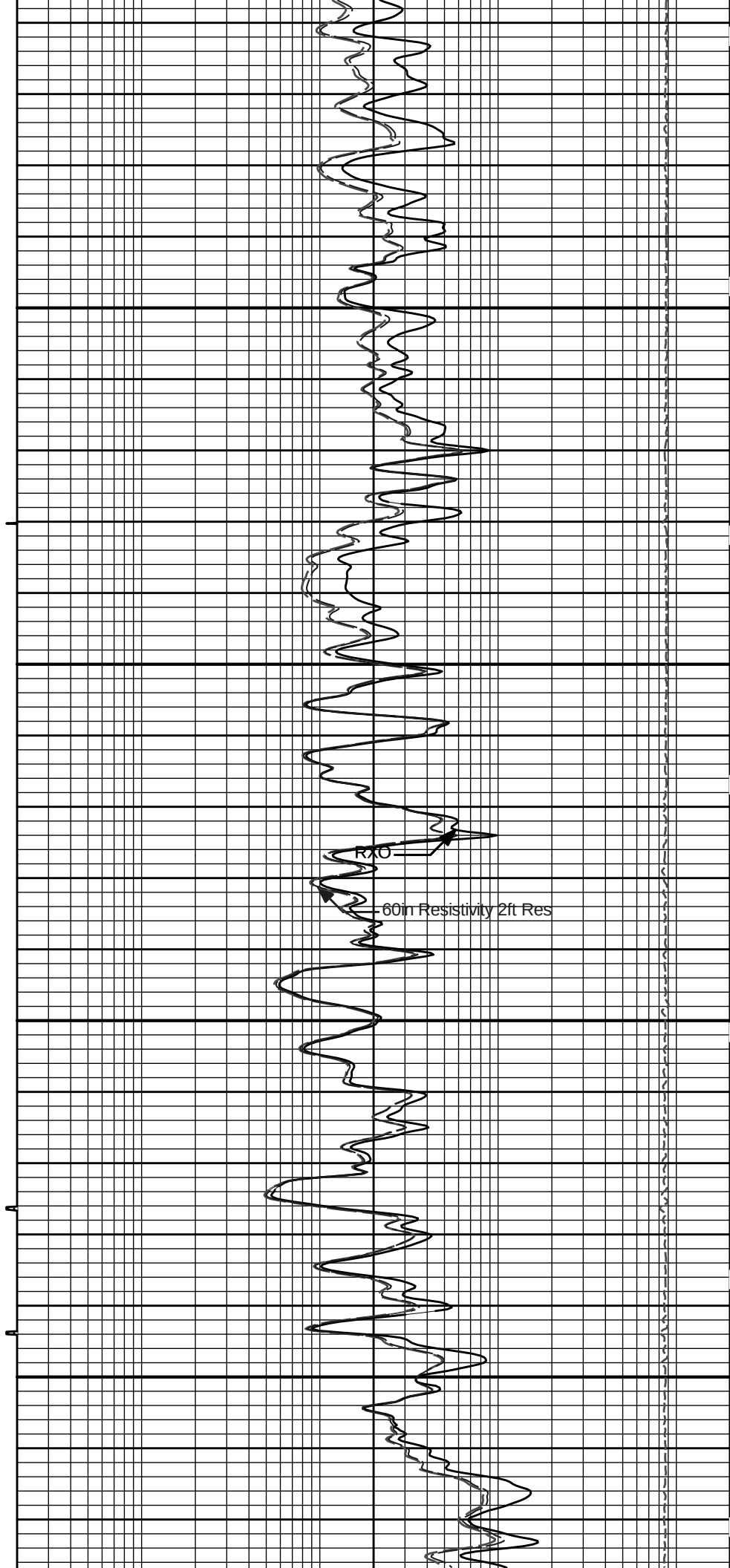
4200





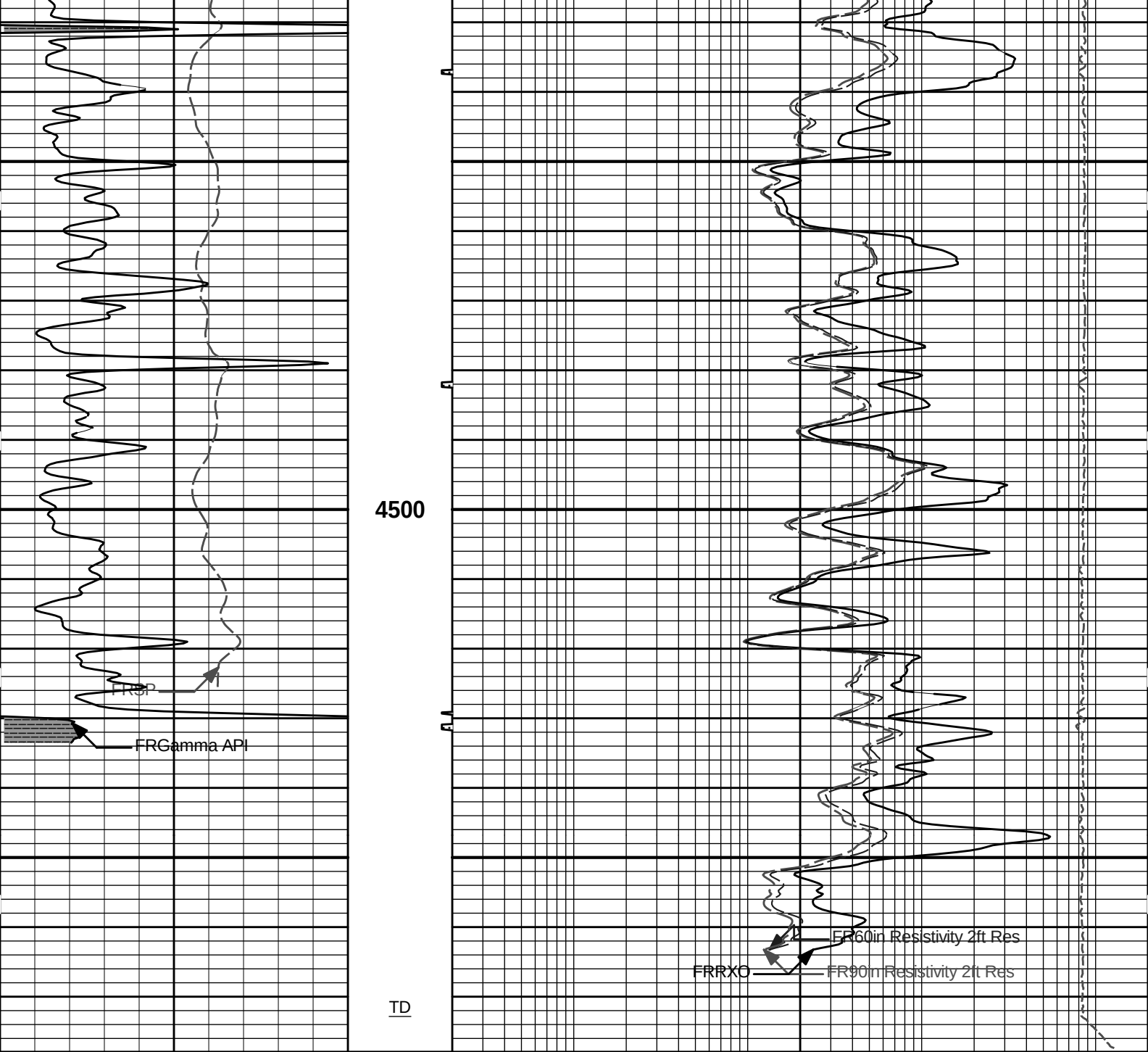
4300

4400



RXO

60in Resistivity 2ft Res



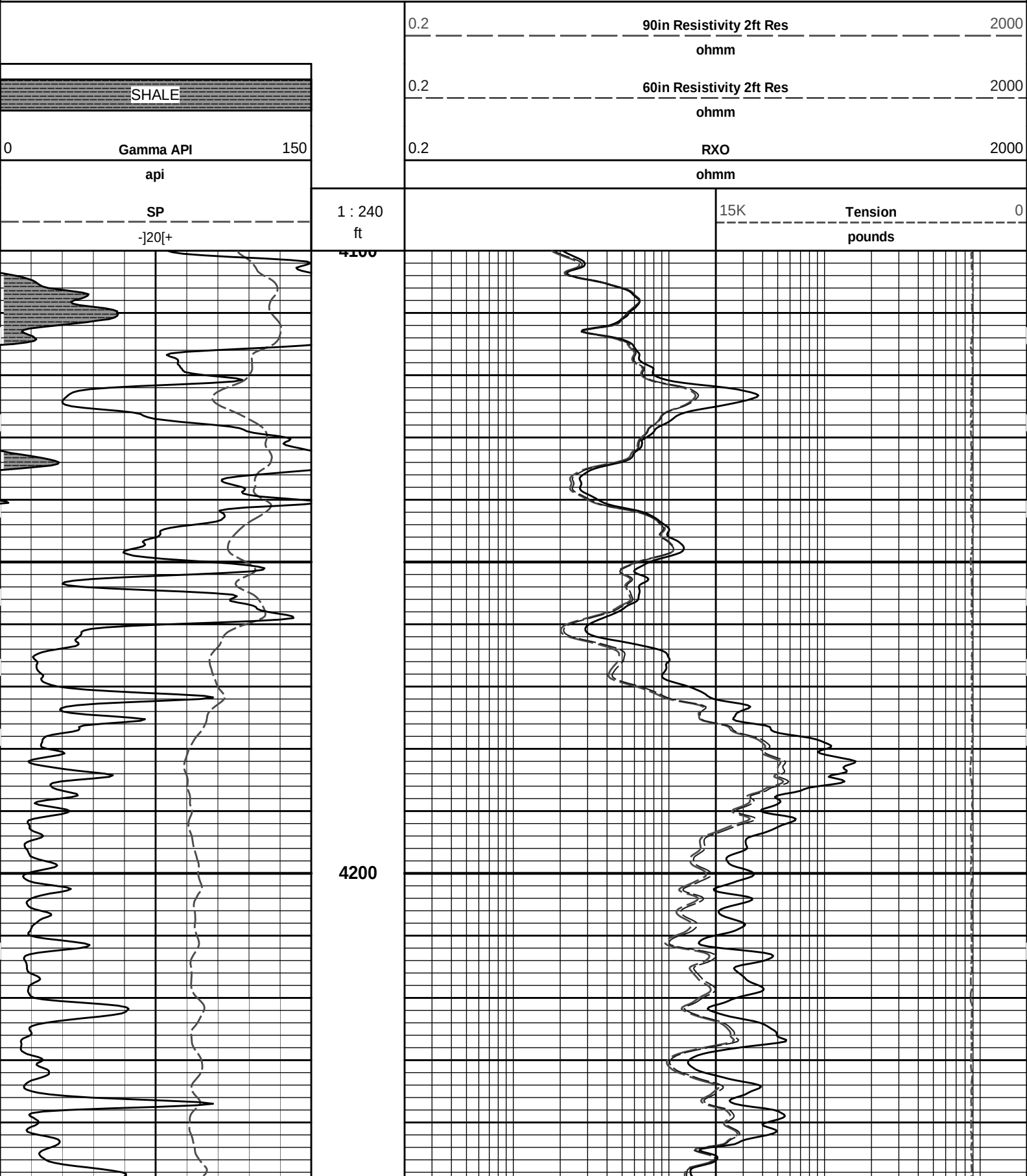
|         |           |               |              |      |                          |   |      |
|---------|-----------|---------------|--------------|------|--------------------------|---|------|
| SP      |           | 1 : 240<br>ft | 15K          |      | Tension<br>pounds        | 0 |      |
| -]20[+  |           |               |              |      |                          |   |      |
| 0       | Gamma API | 150           | Tension Pull | 0.2  | RXO                      |   | 2000 |
| api     |           | 10            | 0            | ohmm |                          |   |      |
| SHALE 1 |           | Tension Pull  |              | 0.2  | 60in Resistivity 2ft Res |   | 2000 |
|         |           |               |              | ohmm |                          |   |      |
|         |           |               |              | 0.2  | 90in Resistivity 2ft Res |   | 2000 |
|         |           |               |              | ohmm |                          |   |      |

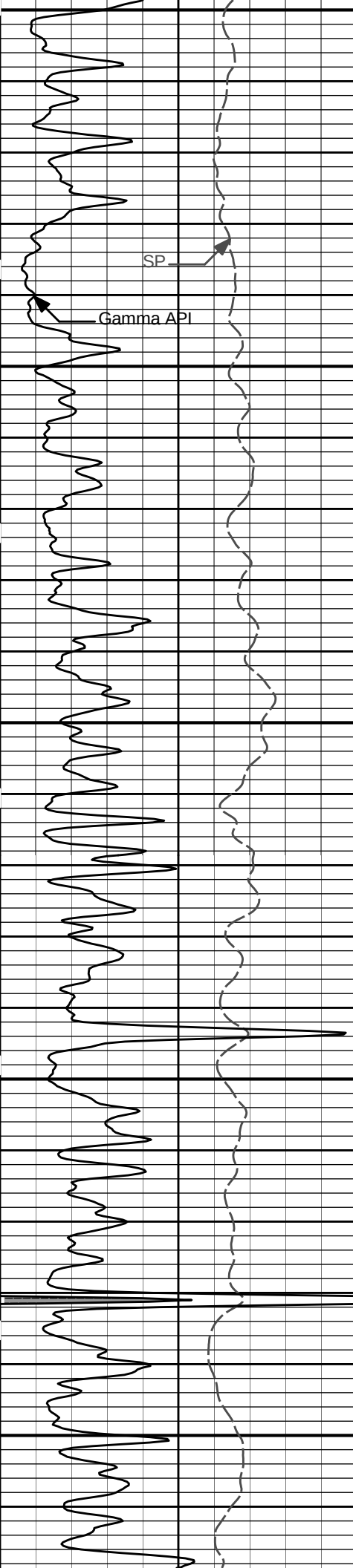
**HALLIBURTON**

Plot Time: 22-Jan-11 16:59:49  
 Plot Range: 590 ft to 4577.92 ft  
 Data: WELLINGTON\_KGS\Well Based\DAQ-0001-MAIN\  
 Plot File: \\-LOCAL-WELLINGTON\_KGS\0001 SP-GTET-DSN-SDL-ACRT-CH\ACRT\EOG\_ACRT\_5\_MAIN\_LIB

# 5 INCH MAIN LOG

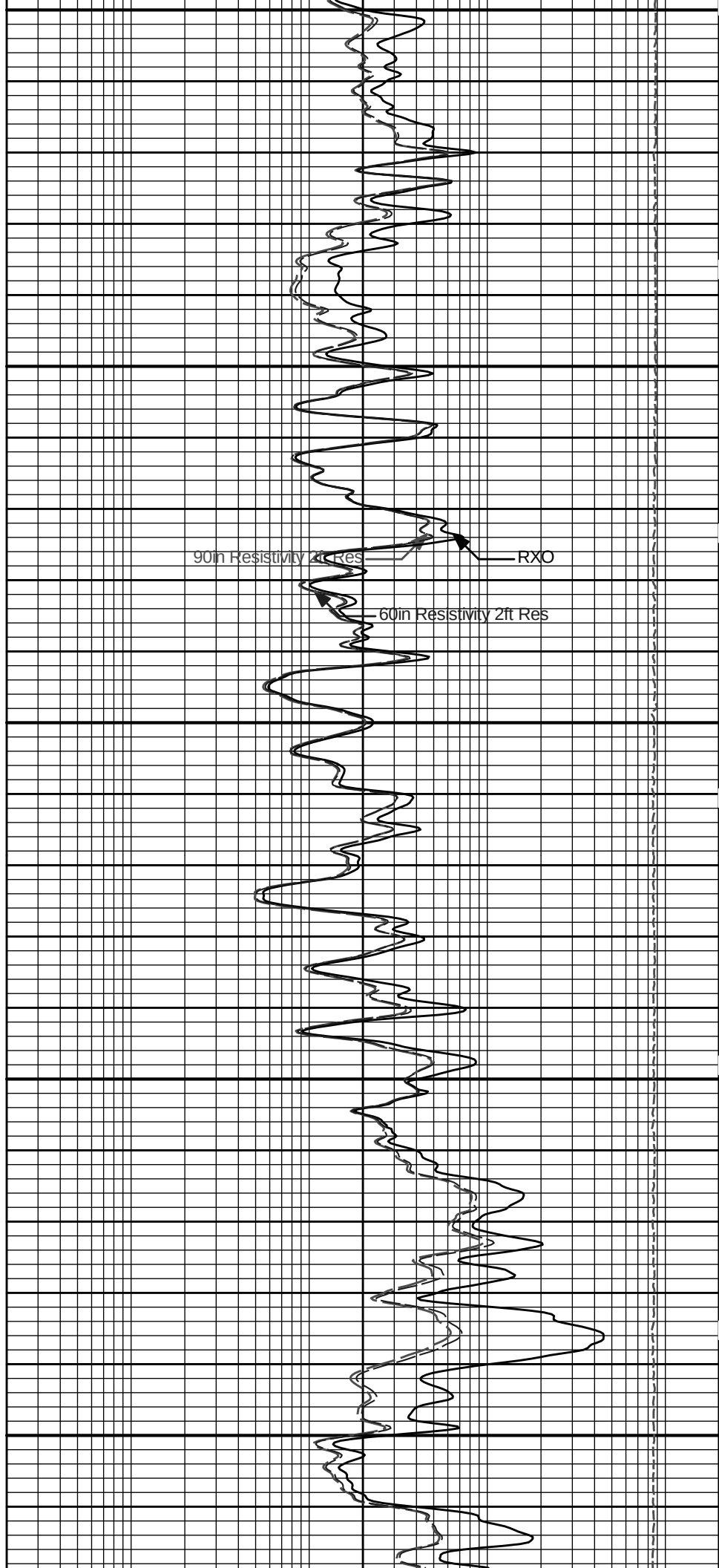
REPEAT SECTION

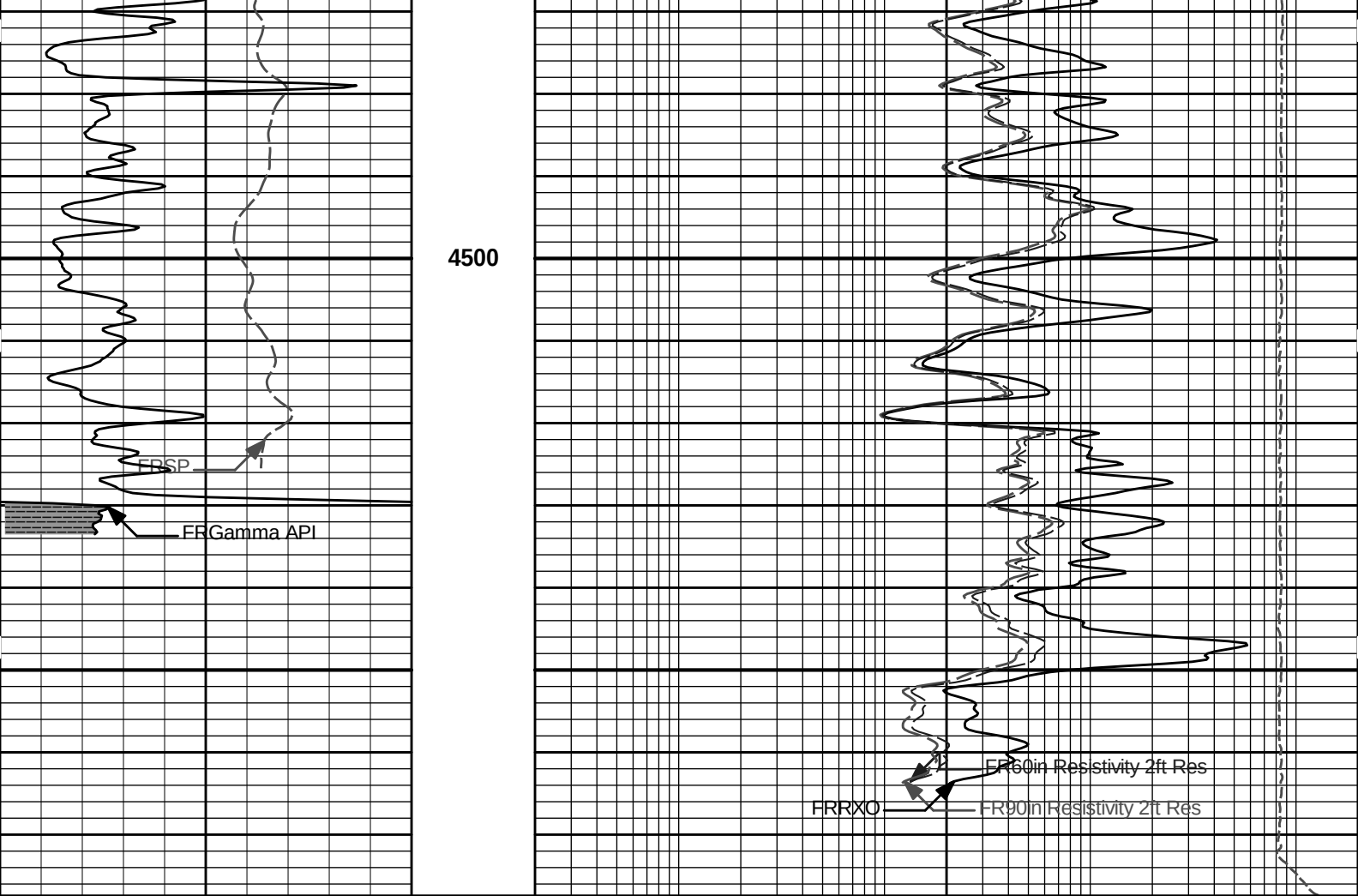




4300

4400





|                                  |               |     |                          |      |
|----------------------------------|---------------|-----|--------------------------|------|
| SP<br>-]20[+                     | 1 : 240<br>ft | 15K | Tension<br>pounds        | 0    |
| 0      Gamma API      150<br>api |               | 0.2 | RXO                      | 2000 |
| SHALE                            |               | 0.2 | 60in Resistivity 2ft Res | 2000 |
|                                  |               | 0.2 | 90in Resistivity 2ft Res | 2000 |
|                                  |               |     | ohmm                     |      |

HALLIBURTON

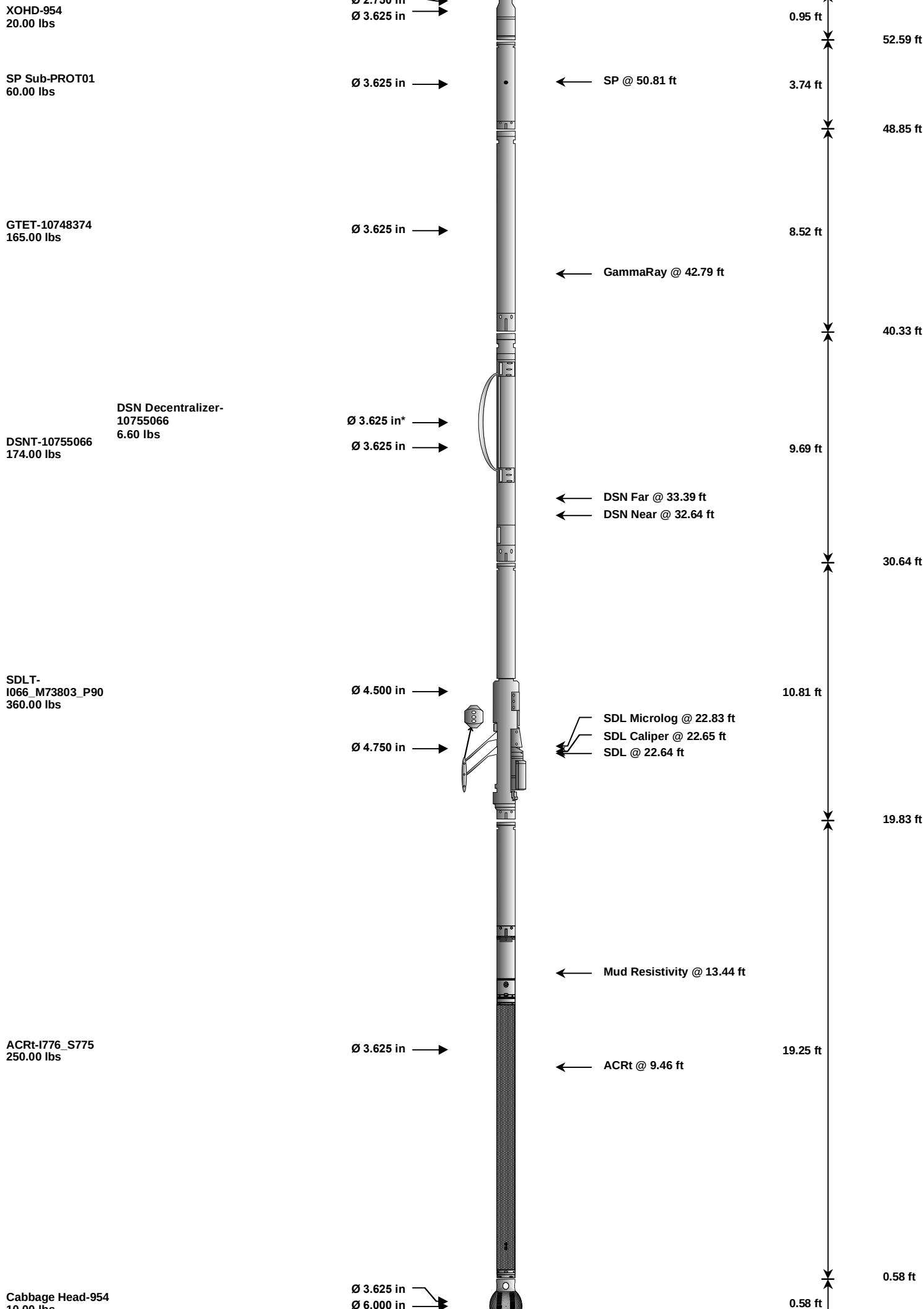
Plot Time: 22-Jan-11 17:00:00  
Plot Range: 4100 ft to 4577.42 ft  
Data: WELLINGTON\_KGS\Well Based\DAQ-0001-REPEAT\  
Plot File: \\-LOCAL-\\WELLINGTON\_KGS\0001 SP-GTET-DSN-SDL-ACRT-CHI\ACRT\EOG\_ACRT\_5\_REP\_LIB

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

| Description             | Overbody Description | O.D.       | Diagram | Sensors @ Delays       | Length  | Accumulated Length |
|-------------------------|----------------------|------------|---------|------------------------|---------|--------------------|
| CH_HOS-954<br>37.50 lbs |                      | Ø 2.750 in |         | Temperature @ 55.54 ft | 3.03 ft | 56.57 ft           |
|                         |                      | Ø 2.750 in |         |                        |         | 53.54 ft           |







| Sensor                                                | Shop  | Field | Post  | Difference               | Tolerance | Units |
|-------------------------------------------------------|-------|-------|-------|--------------------------|-----------|-------|
| ACRt-I776_S775                                        |       |       |       |                          |           |       |
| Mud Cell                                              | 0.991 | ----- | ----- | 0.000                    | -----     | ohm-m |
| Data: WELLINGTON_KGSI0001 SP-GTET-DSN-SDL-ACRT-CHIDLE |       |       |       | Date: 22-Jan-11 12:40:03 |           |       |

HALLIBURTON

PARAMETERS REPORT

| Depth<br>(ft) | Tool Name          | Mnemonic | Description                                           | Value     | Units |
|---------------|--------------------|----------|-------------------------------------------------------|-----------|-------|
| TOP-----      |                    |          |                                                       |           |       |
|               | SHARED             | BS       | Bit Size                                              | 7.875     | in    |
|               | SHARED             | UBS      | Use Bit Size instead of Caliper for all applications. | No        |       |
|               | SHARED             | MDBS     | Mud Base                                              | Water     |       |
|               | SHARED             | MDWT     | Borehole Fluid Weight                                 | 9.000     | ppg   |
|               | SHARED             | WAGT     | Weighting Agent                                       | Natural   |       |
|               | SHARED             | BSAL     | Borehole salinity                                     | 0.00      | ppm   |
|               | SHARED             | FSAL     | Formation Salinity NaCl                               | 0.00      | ppm   |
|               | SHARED             | KPCT     | Percent K in Mud by Weight?                           | 0.00      | %     |
|               | SHARED             | RMUD     | Mud Resistivity                                       | 0.650     | ohmm  |
|               | SHARED             | TRM      | Temperature of Mud                                    | 58.0      | degF  |
|               | SHARED             | CSD      | Logging Interval is Cased?                            | No        |       |
|               | SHARED             | ICOD     | AHV Casing OD                                         | 5.500     | in    |
|               | SHARED             | ST       | Surface Temperature                                   | 75.0      | degF  |
|               | SHARED             | TD       | Total Well Depth                                      | 4575.00   | ft    |
|               | SHARED             | BHT      | Bottom Hole Temperature                               | 115.0     | degF  |
|               | SHARED             | SVTM     | Navigation and Survey Master Tool                     | NONE      |       |
|               | SHARED             | AZTM     | High Res Z Accelerometer Master Tool                  | GTET      |       |
|               | SHARED             | TEMM     | Temperature Master Tool                               | NONE      |       |
|               | SHARED             | BHSM     | Borehole Size Master Tool                             | NONE      |       |
|               | Rwa /<br>CrossPlot | XPOK     | Process Crossplot?                                    | Yes       |       |
|               | Rwa /<br>CrossPlot | FCHO     | Select Source of F                                    | Automatic |       |
|               | Rwa /<br>CrossPlot | AFAC     | Archie A factor                                       | 0.6200    |       |
|               | Rwa /<br>CrossPlot | MFAC     | Archie M factor                                       | 2.1500    |       |
|               | Rwa /<br>CrossPlot | RMFR     | Rmf Reference                                         | 0.55      | ohmm  |
|               | Rwa /<br>CrossPlot | TMFR     | Rmf Ref Temp                                          | 58.00     | degF  |
|               | Rwa /<br>CrossPlot | RWA      | Resistivity of Formation Water                        | 0.05      | ohmm  |
|               | Rwa /<br>CrossPlot | ADP      | Use Air Porosity to calculate CrossplotPhi            | No        |       |
|               | GTET               | GROK     | Process Gamma Ray?                                    | Yes       |       |
|               | GTET               | GRSO     | Gamma Tool Standoff                                   | 0.000     | in    |
|               | GTET               | GEOK     | Process Gamma Ray EVR?                                | No        |       |
|               | GTET               | TPOS     | Tool Position                                         | Centered  |       |
|               | DSNT               | DNOK     | Process DSN?                                          | Yes       |       |
|               | DSNT               | DEOK     | Process DSN EVR?                                      | No        |       |
|               | DSNT               | NLIT     | Neutron Lithology                                     | Limestone |       |
|               | DSNT               | DNSO     | DSN Standoff - 0.25 in (6.35 mm) Recommended          | 0.250     | in    |
|               | DSNT               | DNTP     | Temperature Correction Type                           | None      |       |
|               | DSNT               | DPRS     | DSN Pressure Correction Type                          | None      |       |
|               | DSNT               | CHCO     | View More Correction Options                          | No        |       |

|      |      |                                   |                |      |
|------|------|-----------------------------------|----------------|------|
| DSNT | SHCO | View More Correction Options      | No             |      |
| DSNT | UTVD | Use TVD for Gradient Corrections? | No             |      |
| DSNT | LHWT | Logging Horizontal Water Tank?    | No             |      |
| SDLT | DNOK | Process Density?                  | Yes            |      |
| SDLT | DNOK | Process Density EVR?              | No             |      |
| SDLT | CB   | Logging Calibration Blocks?       | No             |      |
| SDLT | SPVT | SDLT Pad Temperature Valid?       | Yes            |      |
| SDLT | DTWN | Disable temperature warning       | No             |      |
| SDLT | DMA  | Formation Density Matrix          | 2.710          | g/cc |
| SDLT | DFL  | Formation Density Fluid           | 1.000          | g/cc |
| SDLT | CLOK | Process Caliper Outputs?          | Yes            |      |
| SDLT | MLOK | Process MicroLog Outputs?         | Yes            |      |
| ACRt | RTOK | Process ACRt?                     | Yes            |      |
| ACRt | MNSO | Minimum Tool Standoff             | 1.50           | in   |
| ACRt | TCS1 | Temperature Correction Source     | FP Lwr & FP Up |      |
| ACRt | TPOS | Tool Position                     | Free Hanging   |      |
| ACRt | RMOP | Rmud Source                       | Mud Cell       |      |
| ACRt | RMIN | Minimum Resistivity for MAP       | 0.20           | ohmm |
| ACRt | RMIN | Maximum Resistivity for MAP       | 200.00         | ohmm |
| ACRt | THQY | Threshold Quality                 | 0.50           |      |

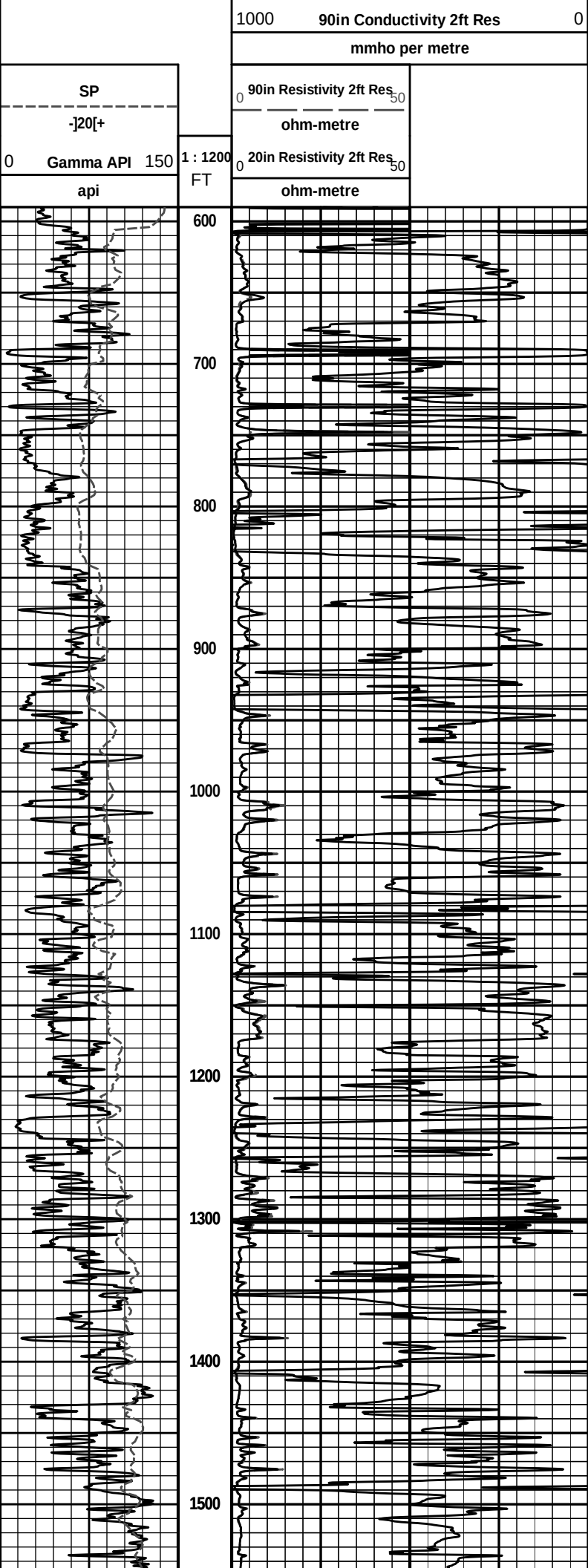
| HALLIBURTON                      |                                                         |            |             |                    |
|----------------------------------|---------------------------------------------------------|------------|-------------|--------------------|
| INPUTS, DELAYS AND FILTERS TABLE |                                                         |            |             |                    |
| Mnemonic                         | Input Description                                       | Delay (ft) | Filter Type | Filter Length (ft) |
| Depth Panel                      |                                                         |            |             |                    |
| TENS                             | Tension                                                 | 0.00       | NO          |                    |
| CH_HOS                           |                                                         |            |             |                    |
| DHTN                             | DownholeTension                                         | 0.00       | BLK         | 0.000              |
| SP Sub                           |                                                         |            |             |                    |
| PLTC                             | Plot Control Mask                                       | 50.81      | NO          |                    |
| SP                               | Spontaneous Potential                                   | 50.81      | BLK         | 1.250              |
| SPR                              | Raw Spontaneous Potential                               | 50.81      | NO          |                    |
| SPO                              | Spontaneous Potential Offset                            | 50.81      | NO          |                    |
| GTET                             |                                                         |            |             |                    |
| TPUL                             | Tension Pull                                            | 42.79      | NO          |                    |
| GR                               | Natural Gamma Ray API                                   | 42.79      | TRI         | 1.750              |
| GRU                              | Unfiltered Natural Gamma Ray API                        | 42.79      | NO          |                    |
| EGR                              | Natural Gamma Ray API with Enhanced Vertical Resolution | 42.79      | W           | 1.416 , 0.750      |
| ACCZ                             | Accelerometer Z                                         | 0.00       | BLK         | 0.083              |
| DEVI                             | Inclination                                             | 0.00       | NO          |                    |
| DSNT                             |                                                         |            |             |                    |
| TPUL                             | Tension Pull                                            | 32.54      | NO          |                    |
| RNDS                             | Near Detector Telemetry Counts                          | 32.64      | BLK         | 1.417              |
| RFDS                             | Far Detector Telemetry Counts                           | 33.39      | TRI         | 0.583              |
| DNTT                             | DSN Tool Temperature                                    | 32.64      | NO          |                    |
| DSNS                             | DSN Tool Status                                         | 32.54      | NO          |                    |

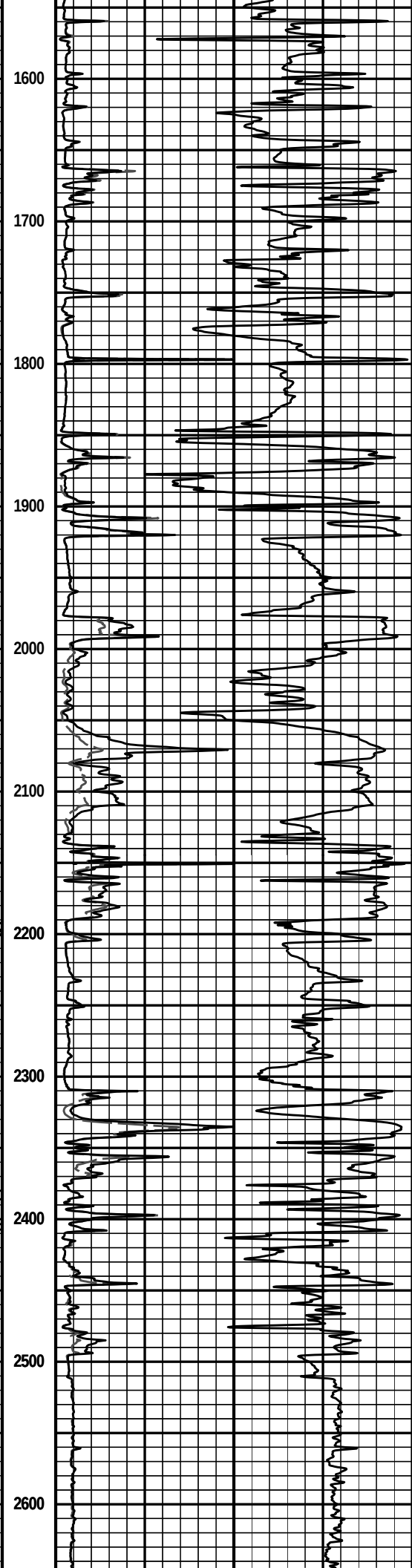
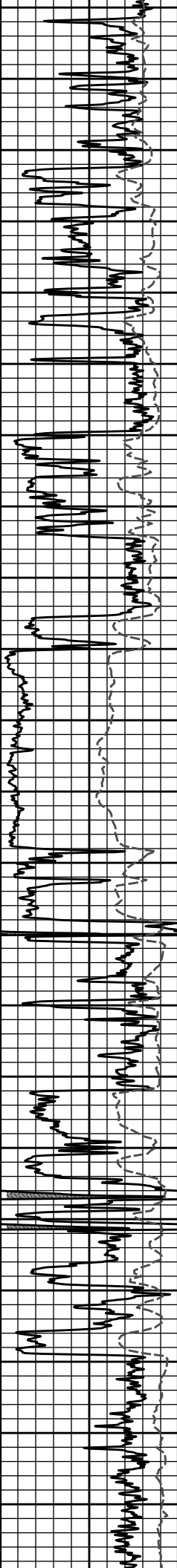
|      |                                    |       |     |       |
|------|------------------------------------|-------|-----|-------|
| ERND | Near Detector Telemetry Counts EVR | 32.64 | BLK | 0.000 |
| ERFD | Far Detector Telemetry Counts EVR  | 33.39 | BLK | 0.000 |
| ENTM | DSN Tool Temperature EVR           | 32.64 | NO  |       |
| SDLT |                                    |       |     |       |
| TPUL | Tension Pull                       | 22.64 | NO  |       |
| NAB  | Near Above                         | 22.46 | BLK | 0.920 |
| NHI  | Near Cesium High                   | 22.46 | BLK | 0.920 |
| NLO  | Near Cesium Low                    | 22.46 | BLK | 0.920 |
| NVA  | Near Valley                        | 22.46 | BLK | 0.920 |
| NBA  | Near Barite                        | 22.46 | BLK | 0.920 |
| NDE  | Near Density                       | 22.46 | BLK | 0.920 |
| NPK  | Near Peak                          | 22.46 | BLK | 0.920 |
| NLI  | Near Lithology                     | 22.46 | BLK | 0.920 |
| NBAU | Near Barite Unfiltered             | 22.46 | BLK | 0.250 |
| NLIU | Near Lithology Unfiltered          | 22.46 | BLK | 0.250 |
| FAB  | Far Above                          | 22.81 | BLK | 0.250 |
| FHI  | Far Cesium High                    | 22.81 | BLK | 0.250 |
| FLO  | Far Cesium Low                     | 22.81 | BLK | 0.250 |
| FVA  | Far Valley                         | 22.81 | BLK | 0.250 |
| FBA  | Far Barite                         | 22.81 | BLK | 0.250 |
| FDE  | Far Density                        | 22.81 | BLK | 0.250 |
| FPK  | Far Peak                           | 22.81 | BLK | 0.250 |
| FLI  | Far Lithology                      | 22.81 | BLK | 0.250 |
| PTMP | Pad Temperature                    | 22.65 | BLK | 0.920 |
| NHV  | Near Detector High Voltage         | 19.83 | NO  |       |
| FHV  | Far Detector High Voltage          | 19.83 | NO  |       |
| ITMP | Instrument Temperature             | 19.83 | NO  |       |
| DDHV | Detector High Voltage              | 19.83 | NO  |       |
| TPUL | Tension Pull                       | 22.65 | NO  |       |
| PCAL | Pad Caliper                        | 22.65 | TRI | 0.250 |
| ACAL | Arm Caliper                        | 22.65 | TRI | 0.250 |
| TPUL | Tension Pull                       | 22.83 | NO  |       |
| MINV | Microlog Lateral                   | 22.83 | BLK | 0.750 |
| MNOR | Microlog Normal                    | 22.83 | BLK | 0.750 |
| ACRt |                                    |       |     |       |
| TPUL | Tension Pull                       | 2.97  | NO  |       |
| F1R1 | ACRT 12KHz - 80in R value          | 9.22  | BLK | 0.000 |
| F1X1 | ACRT 12KHz - 80in X value          | 9.22  | BLK | 0.000 |
| F1R2 | ACRT 12KHz - 50in R value          | 6.72  | BLK | 0.000 |
| F1X2 | ACRT 12KHz - 50in X value          | 6.72  | BLK | 0.000 |
| F1R3 | ACRT 12KHz - 29in R value          | 5.22  | BLK | 0.000 |
| F1X3 | ACRT 12KHz - 29in X value          | 5.22  | BLK | 0.000 |
| F1R4 | ACRT 12KHz - 17in R value          | 4.22  | BLK | 0.000 |
| F1X4 | ACRT 12KHz - 17in X value          | 4.22  | BLK | 0.000 |
| F1R5 | ACRT 12KHz - 10in R value          | 3.72  | BLK | 0.000 |
| F1X5 | ACRT 12KHz - 10in X value          | 3.72  | BLK | 0.000 |
| F1R6 | ACRT 12KHz - 6in R value           | 3.47  | BLK | 0.000 |
| F1X6 | ACRT 12KHz - 6in X value           | 3.47  | BLK | 0.000 |
| F2R1 | ACRT 36KHz - 80in R value          | 9.22  | BLK | 0.000 |
| F2X1 | ACRT 36KHz - 80in X value          | 9.22  | BLK | 0.000 |
| F2R2 | ACRT 36KHz - 50in R value          | 6.72  | BLK | 0.000 |
| F2X2 | ACRT 36KHz - 50in X value          | 6.72  | BLK | 0.000 |
| F2R3 | ACRT 36KHz - 29in R value          | 5.22  | BLK | 0.000 |
| F2X3 | ACRT 36KHz - 29in X value          | 5.22  | BLK | 0.000 |

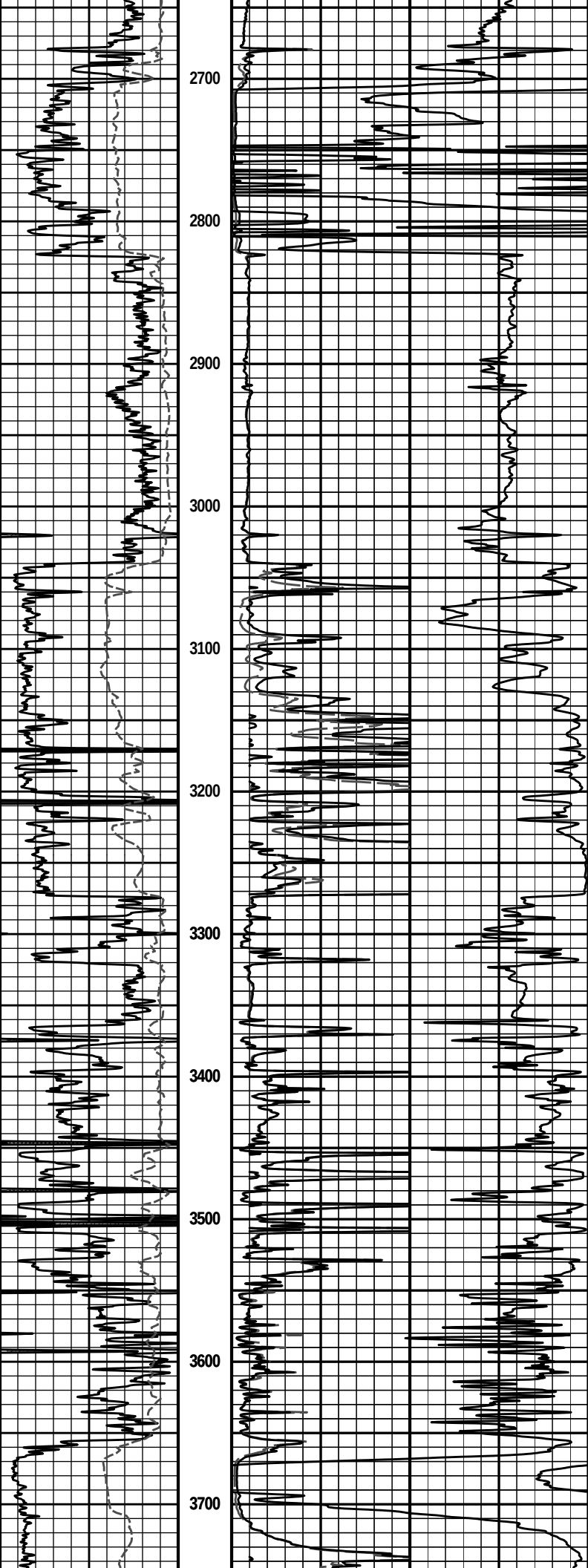
|                                                        |                                               |       |                          |       |
|--------------------------------------------------------|-----------------------------------------------|-------|--------------------------|-------|
| F2R4                                                   | ACRT 36KHz - 17in R value                     | 4.22  | BLK                      | 0.000 |
| F2X4                                                   | ACRT 36KHz - 17in X value                     | 4.22  | BLK                      | 0.000 |
| F2R5                                                   | ACRT 36KHz - 10in R value                     | 3.72  | BLK                      | 0.000 |
| F2X5                                                   | ACRT 36KHz - 10in X value                     | 3.72  | BLK                      | 0.000 |
| F2R6                                                   | ACRT 36KHz - 6in R value                      | 3.47  | BLK                      | 0.000 |
| F2X6                                                   | ACRT 36KHz - 6in X value                      | 3.47  | BLK                      | 0.000 |
| F3R1                                                   | ACRT 72KHz - 80in R value                     | 9.22  | BLK                      | 0.000 |
| F3X1                                                   | ACRT 72KHz - 80in X value                     | 9.22  | BLK                      | 0.000 |
| F3R2                                                   | ACRT 72KHz - 50in R value                     | 6.72  | BLK                      | 0.000 |
| F3X2                                                   | ACRT 72KHz - 50in X value                     | 6.72  | BLK                      | 0.000 |
| F3R3                                                   | ACRT 72KHz - 29in R value                     | 5.22  | BLK                      | 0.000 |
| F3X3                                                   | ACRT 72KHz - 29in X value                     | 5.22  | BLK                      | 0.000 |
| F3R4                                                   | ACRT 72KHz - 17in R value                     | 4.22  | BLK                      | 0.000 |
| F3X4                                                   | ACRT 72KHz - 17in X value                     | 4.22  | BLK                      | 0.000 |
| F3R5                                                   | ACRT 72KHz - 10in R value                     | 3.72  | BLK                      | 0.000 |
| F3X5                                                   | ACRT 72KHz - 10in X value                     | 3.72  | BLK                      | 0.000 |
| F3R6                                                   | ACRT 72KHz - 6in R value                      | 3.47  | BLK                      | 0.000 |
| F3X6                                                   | ACRT 72KHz - 6in X value                      | 3.47  | BLK                      | 0.000 |
| RMUD                                                   | Mud Resistivity                               | 12.76 | BLK                      | 0.000 |
| F1RT                                                   | Transmitter Reference 12 KHz Real Signal      | 2.97  | BLK                      | 0.000 |
| F1XT                                                   | Transmitter Reference 12 KHz Imaginary Signal | 2.97  | BLK                      | 0.000 |
| F2RT                                                   | Transmitter Reference 36 KHz Real Signal      | 2.97  | BLK                      | 0.000 |
| F2XT                                                   | Transmitter Reference 36 KHz Imaginary Signal | 2.97  | BLK                      | 0.000 |
| F3RT                                                   | Transmitter Reference 72 KHz Real Signal      | 2.97  | BLK                      | 0.000 |
| F3XT                                                   | Transmitter Reference 72 KHz Imaginary Signal | 2.97  | BLK                      | 0.000 |
| TFPU                                                   | Upper Feedpipe Temperature Calculated         | 2.97  | BLK                      | 0.000 |
| TFPL                                                   | Lower Feedpipe Temperature Calculated         | 2.97  | BLK                      | 0.000 |
| ITMP                                                   | Instrument Temperature                        | 2.97  | BLK                      | 0.000 |
| TCVA                                                   | Temperature Correction Values Loop Off        | 2.97  | NO                       |       |
| TIDV                                                   | Instrument Temperature Derivative             | 2.97  | NO                       |       |
| TUDV                                                   | Upper Temperature Derivative                  | 2.97  | NO                       |       |
| TLDV                                                   | Lower Temperature Derivative                  | 2.97  | NO                       |       |
| TRBD                                                   | Receiver Board Temperature                    | 2.97  | NO                       |       |
| Data: WELLINGTON_KGS\0001 SP-GTET-DSN-SDL-ACRT-CH\IDLE |                                               |       | Date: 22-Jan-11 12:40:59 |       |

|             |                      |                                         |        |
|-------------|----------------------|-----------------------------------------|--------|
| COMPANY     | BEREXCO INC.         |                                         |        |
| WELL        | WELLINGTON KGS #1-32 |                                         |        |
| FIELD       | WELLINGTON           |                                         |        |
| COUNTY      | SUMNER               | STATE                                   | KANSAS |
| HALLIBURTON |                      | ARRAY COMPENSATED<br>RESISTIVITY<br>LOG |        |

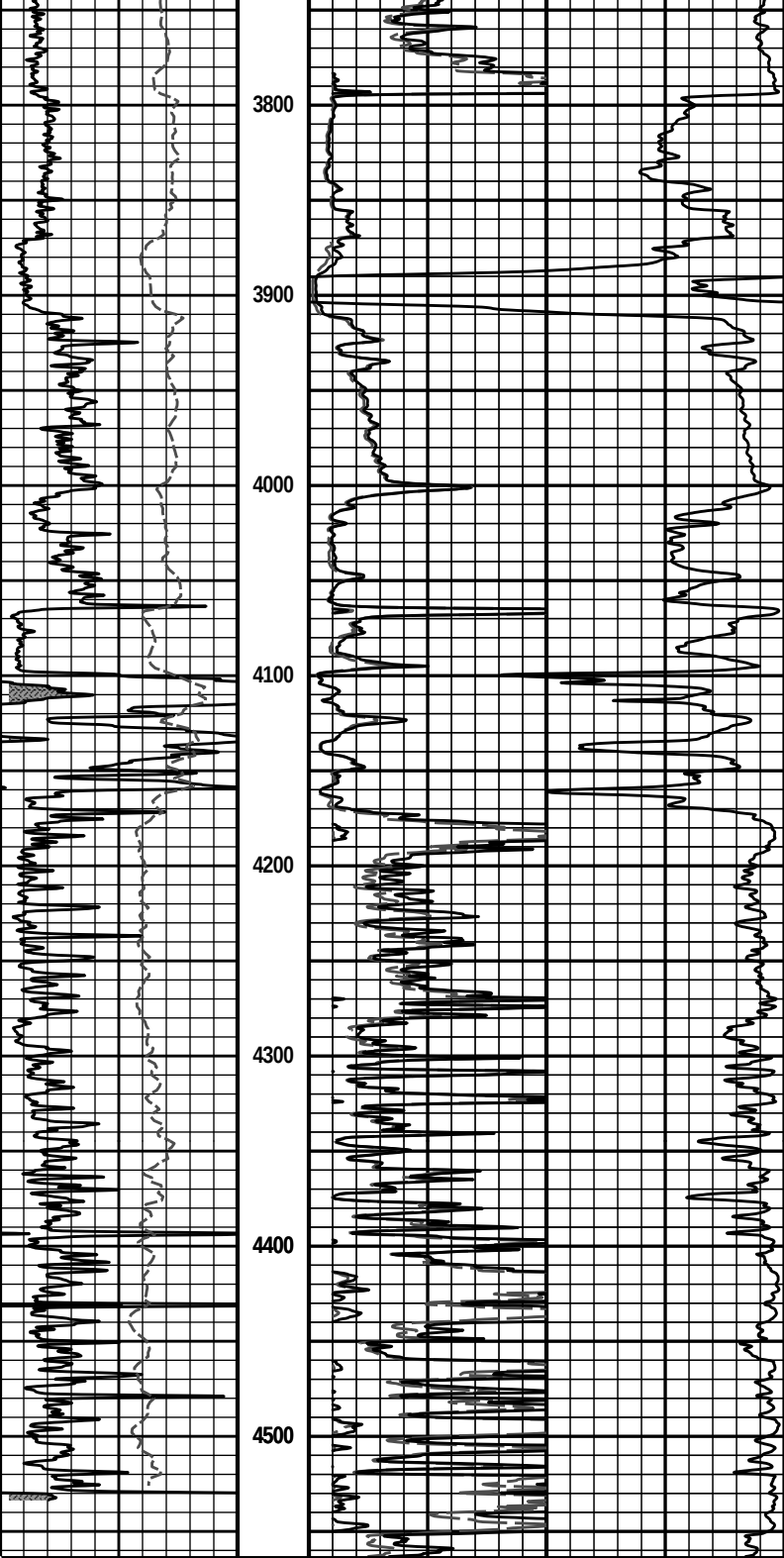
|                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HALLIBURTON</b><br>Plot Time: 22-Jan-11 17:00:05<br>Plot Range: 590 ft to 4563.75 ft<br>Data: WELLINGTON_KGS\Well Based\DAQ-0001-MAIN\<br>Plot File: \\LOCAL-I\WELLINGTON_KGS\0001 SP-GTET-DSN-SDL-ACRT-CH\...\\ACRT_1.lib<br><br><b>1 INCH MAIN LOG</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|











|   |           |     |                |                          |                           |
|---|-----------|-----|----------------|--------------------------|---------------------------|
| 0 | Gamma API | 150 | 1 : 1200<br>FT | 20in Resistivity 2ft Res | 50                        |
|   | api       |     |                | ohm-metre                |                           |
|   | SP        |     |                | 90in Resistivity 2ft Res | 50                        |
|   | -]20[+    |     |                | ohm-metre                |                           |
|   |           |     |                | 1000                     | 90in Conductivity 2ft Res |
|   |           |     |                |                          | 0                         |
|   |           |     |                |                          | mmho per metre            |

**HALLIBURTON**  
Plot Time: 22-Jan-11 17:00:10  
Plot Range: 590 ft to 4563.75 ft  
Data: WELLINGTON\_KGS\Well Based\DAQ-0001-MAIN\  
Plot File: \\LOCAL-IWELLINGTON\_KGS\0001 SP-GTET-DSN-SDL-ACRT-CHI...\\ACRT\_1\_lib

1 INCH MAIN LOG

