



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1199832
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|-----------------------------------------|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|-----------------------------------------|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1199832

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | | | | |
|-------------------------------------------------------------|----------------------------------------------------------|------------------------------|----------------------------------|---------------------------------|
| Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Electric Log Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| List All E. Logs Run: | | | | |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---------------------------------------------------------------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|-----------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

| | | | | | |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|

| | |
|-----------|--------------------------|
| Form | ACO1 - Well Completion |
| Operator | Becker Oil Corporation |
| Well Name | Winter Land and Cattle 1 |
| Doc ID | 1199832 |

Tops

| Name | Top | Datum |
|--------------------|------|---------|
| Cedar Hills | 865 | (+1446) |
| Stone Corral Anhy. | 1392 | (+919) |
| Krider | 2392 | (-81) |
| Heebner Shale | 3863 | (-1552) |
| Lansing Group | 3957 | (-1646) |
| Marmaton Group | 4322 | (-2011) |
| Ft. Scott Ls. | 4470 | (-2159) |
| Cherokee Shale | 4497 | (-2186) |
| Miss. | 4544 | (-2233) |
| TD | 4570 | (-2259) |

ALLIED OIL & GAS SERVICES, LLC 056848

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell, Ks

| | | | | | | | |
|-----------------------------------|----------------|--------------------------------|-----------------|------------|------------------------|--------------------------|---------------------------|
| DATE <u>12.26.13</u> | SEC <u>36</u> | TWP <u>23</u> | RANGE <u>22</u> | CALLED OUT | ON LOCATION | JOB START <u>7:00 Am</u> | JOB FINISH <u>7:30 Am</u> |
| WINTER LAND & LEASE <u>Castle</u> | WELL# <u>1</u> | LOCATION <u>Hanston, Ks</u> | | | COUNTY <u>Hodgeman</u> | STATE <u>Ks</u> | |
| OLD OR <u>NEW</u> (Circle one) | | <u>9 m n 2 e 1 s 1 a b o -</u> | | | | | |

| | |
|----------------------------------------------------------------------------------|----------------------------------------------|
| CONTRACTOR <u>Pickering Drilling</u> OWNER _____ | |
| TYPE OF JOB <u>Production</u> | |
| HOLE SIZE <u>7 7/8</u> | T.D. _____ |
| CASING SIZE <u>5 1/2</u> | DEPTH <u>4569'</u> |
| TUBING SIZE _____ | DEPTH _____ |
| DRILL PIPE _____ | DEPTH _____ |
| TOOL _____ | DEPTH _____ |
| PRES. MAX _____ | MINIMUM _____ |
| MEAS. LINE _____ | SHOE JOINT _____ |
| CEMENT LEFT IN CSG. _____ | |
| PERFS. _____ | |
| DISPLACEMENT <u>1st stage latch Down @ 107.4</u> | ASC <u>120 st ASC @ 20.90 \$ 2,508.00</u> |
| EQUIPMENT <u>2nd stage @ 32.20</u> | <u>350 st ALW @ 16.50 \$ 5,775.00</u> |
| PUMP TRUCK CEMENTER <u>Gony P.</u> <u>Gilsonite 120 st 600 # @ .98 \$ 588.00</u> | |
| # <u>409</u> HELPER <u>Danny S.</u> | <u>Flo Seal - 4.7 st @ 2.97 \$ 348.98</u> |
| BULK TRUCK # <u>370</u> DRIVER <u>Jesse C</u> | <u>Fluid loss #1-10 @ 16.25 \$ 638.75</u> |
| BULK TRUCK # <u>473</u> DRIVER <u>Jesse C</u> | <u>Mud Flush 12 # @ 58.7 \$ 704.40</u> |
| | HANDLING <u>539.61 # @ 2.40 \$ 1,388.24</u> |
| | MILEAGE <u>1134.963 # @ 2.60 \$ 2,960.90</u> |
| | TOTAL <u>\$ 17,852.24</u> |

REMARKS:

- * Ran Floet Equipment - Circulated Hole
 - * 1st stage 120 st @ 20.65
 - * Displaced cement @ 108.41
 - Landed @ #1500 psi.
 - * Displaced Dart to open Tool @ #1,000 psi
 - * Circulated Hole @ 4 Hr.
 - * Ran 350 st ALW @ 90.8
 - Cement circulated to surface.
 - * Displaced cement @ 32.20
 - Landed Top pump @ #1,500 psi.
- CHARGE TO: Becker Oil

SERVICE

| | |
|-----------------------------------------------|--------------------------|
| DEPTH OF JOB <u>4569'</u> | |
| PUMP TRUCK CHARGE <u>Bottom Stage</u> | <u>\$ 2,765.75</u> |
| EXTRA FOOTAGE <u>(2) Truck @</u> | |
| MILEAGE <u>Heavy 100</u> | <u>@ 7.7 \$ 770.00</u> |
| MANIFOLD <u>High 50</u> | <u>@ 4.4 \$ 220.00</u> |
| Pump Truck Charge <u>2nd stage</u> | <u>@ - \$ 2,406.25</u> |
| | TOTAL <u>\$ 4,162.00</u> |

PLUG & FLOAT EQUIPMENT

| | |
|---------------------------------------|--------------------------|
| <u>5 1/2 AFU Floet Stage @ -</u> | <u>\$ 339.30</u> |
| <u>5 1/2 2 Stage Tool @ -</u> | <u>\$ 4087.00</u> |
| <u>5 1/2 Latch Down 1013 F @ -</u> | <u>\$ 398.75</u> |
| <u>5 1/2 10 - Turbolizers @ 48.30</u> | <u>\$ 483.00</u> |
| <u>5 1/2 5 - Centralizers @ 28.40</u> | <u>\$ 142.00</u> |
| <u>5 1/2 2 - Baskets @ 159.40</u> | <u>\$ 318.80</u> |
| | TOTAL <u>\$ 5,768.85</u> |

STREET _____
CITY _____ STATE _____ ZIP _____
NATAOLE = 30 st
Mouse Hole = 20 st

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Jerry Ailey
SIGNATURE Jerry Ailey

SALES TAX (if Any) _____
TOTAL CHARGES \$ 26,783.12
DISCOUNT \$ 4,202.85 IF PAID IN 30 DAYS
Net 22,580.27



Pioneer Energy Services

Dual Induction Log

15-083-21,900-00-00

Company Becker Oil Corporation
Well Winter Land and Cattle No. 1
Field Saw Log Creek
County Hodgeman State **Kansas**
Location SW-SE-SE-SE
 83' FSL & 558' FEL
Sec: 36 **Twp:** 23S **Rge:** 22W

Other Services
 CNL/CDL
 MEL

Elevation
 K.B. 2313
 D.F. 2303
 G.L. 2303

| | |
|------------------------|---------------------|
| API No. | 15-083-21,900-00-00 |
| Permanent Datum | Ground Level |
| Log Measured From | Kelly Bushing |
| Drilling Measured From | Kelly Bushing |
| Date | 12/20/13 |
| Run Number | One |
| Depth Driller | 4570 |
| Depth Logger | 4567 |
| Bottom Logged Interval | 4566 |
| Top Log Interval | 250 |
| Casing Driller | 8.625 @ 255 |
| Casing Logger | 253 |
| Bit Size | 7.875 |
| Type Fluid in Hole | Chemical |
| Salinity, ppm CL | 4,500 |
| Density / Viscosity | 9.0 58 |
| pH / Fluid Loss | 9.0 8.8 |
| Source of Sample | Flowline |
| Rm @ Meas. Temp | .68 @ 51 |
| Rmf @ Meas. Temp | .51 @ 51 |
| Rmc @ Meas. Temp | .92 @ 51 |
| Source of Rmf / Rmc | Charts |
| Rm @ BHT | .28 @ 122 |
| Operating Rig Time | 4 Hours |
| Max Rec. Temp. F | 122 |
| Equipment Number | 15 |
| Location | Hays |
| Recorded By | J. Henrickson |
| Witnessed By | Clyde Becker |

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Log-Tech, Inc.
 (785) 625-3858
 Burdett Kansas
 West on 156 HWY to 232 Rd, 1 South, 1 West, 1 South 1, East, South to H Rd,
 2 West, South Into

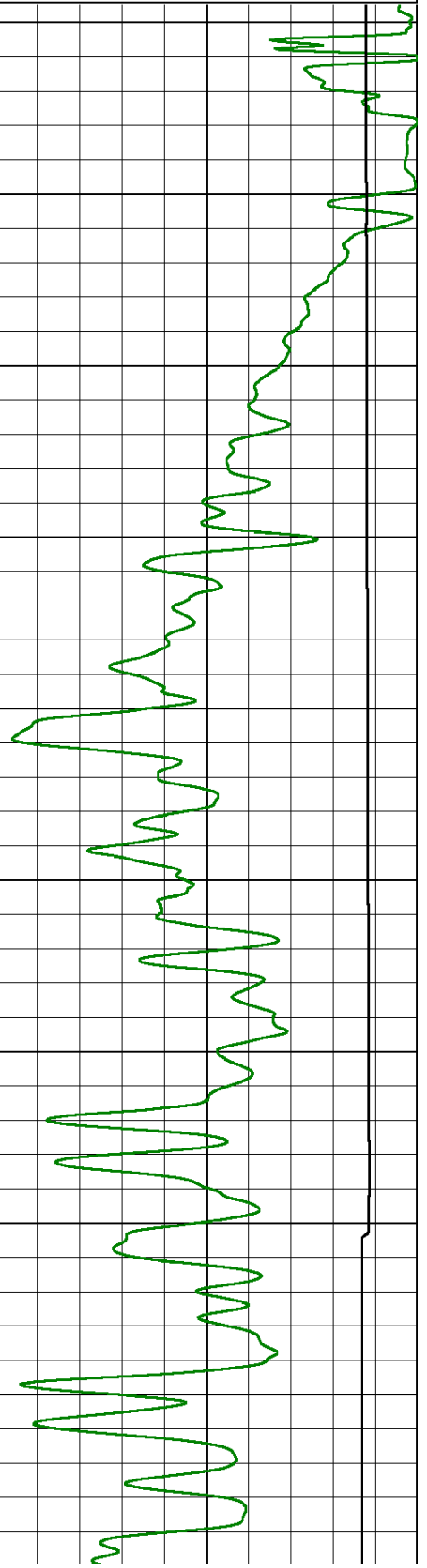
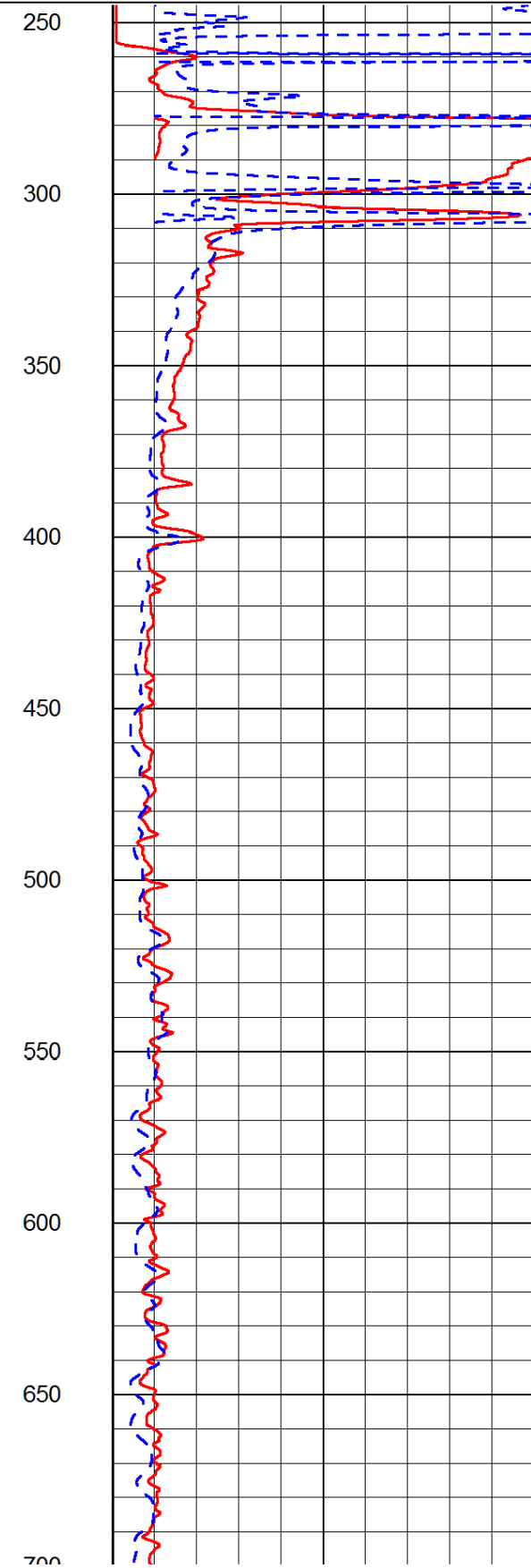
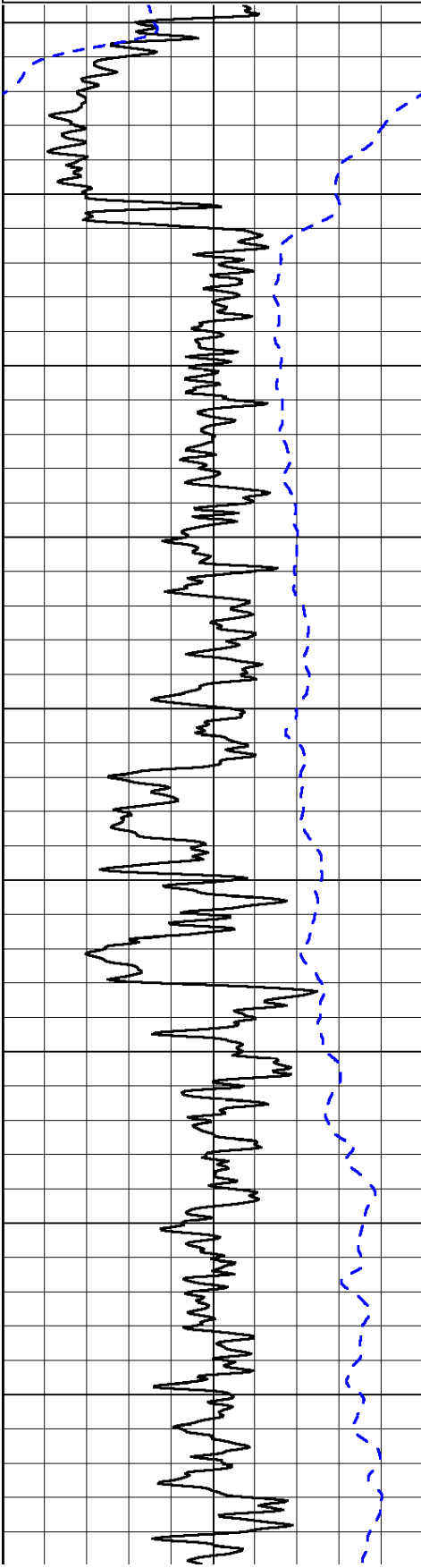
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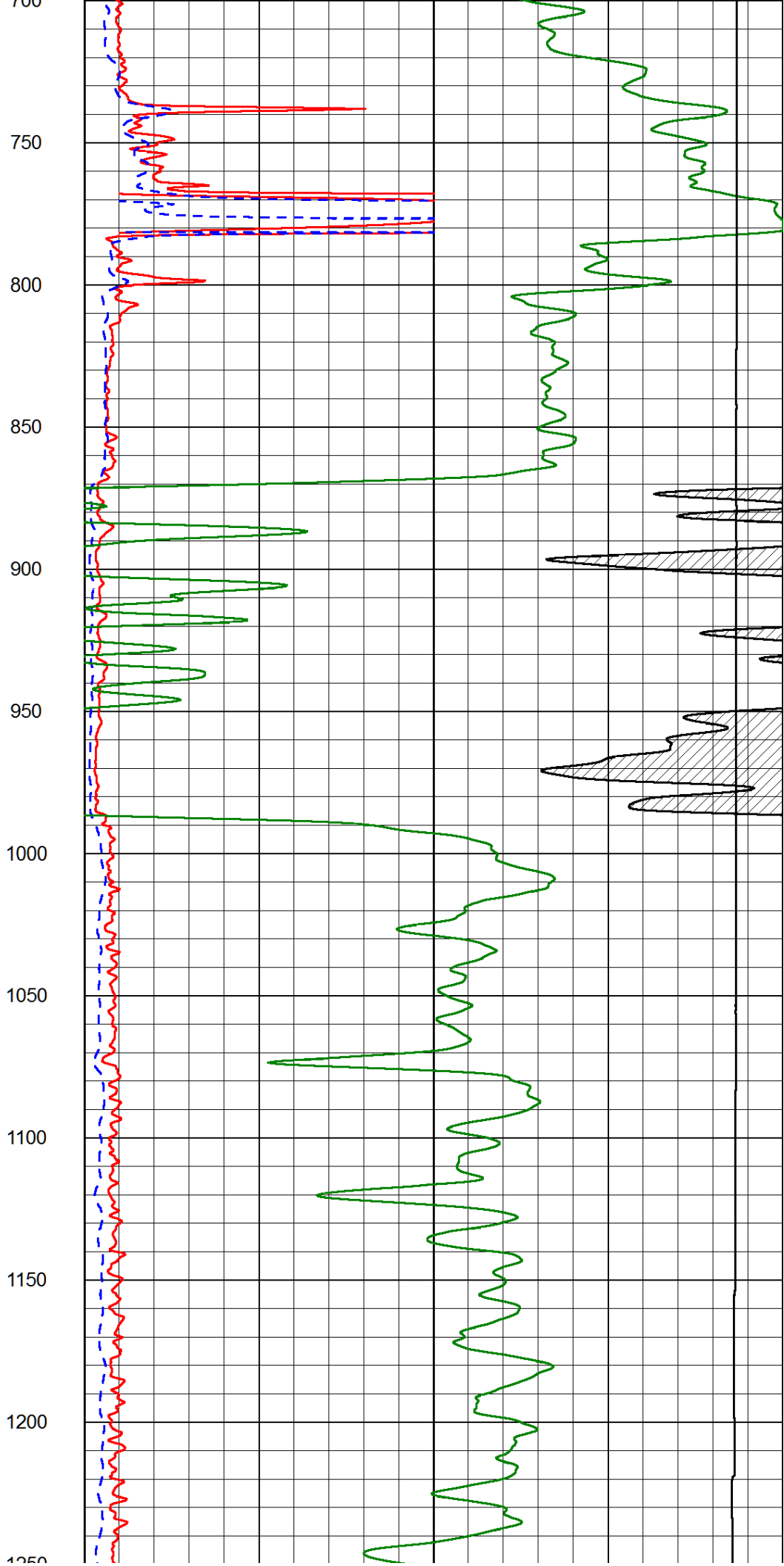
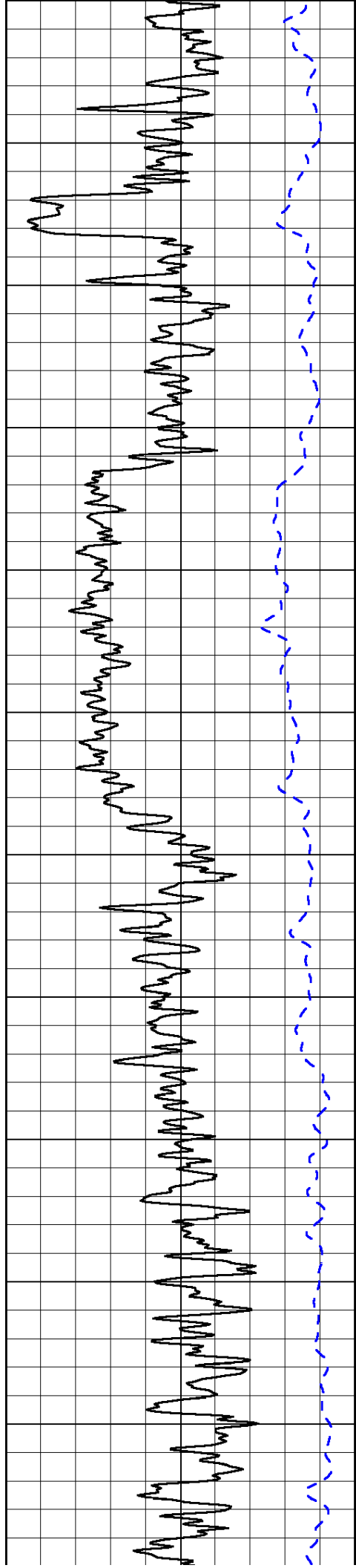
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| 0 | Gamma Ray (GAPI) | 150 |
| -200 | SP (mV) | 0 |

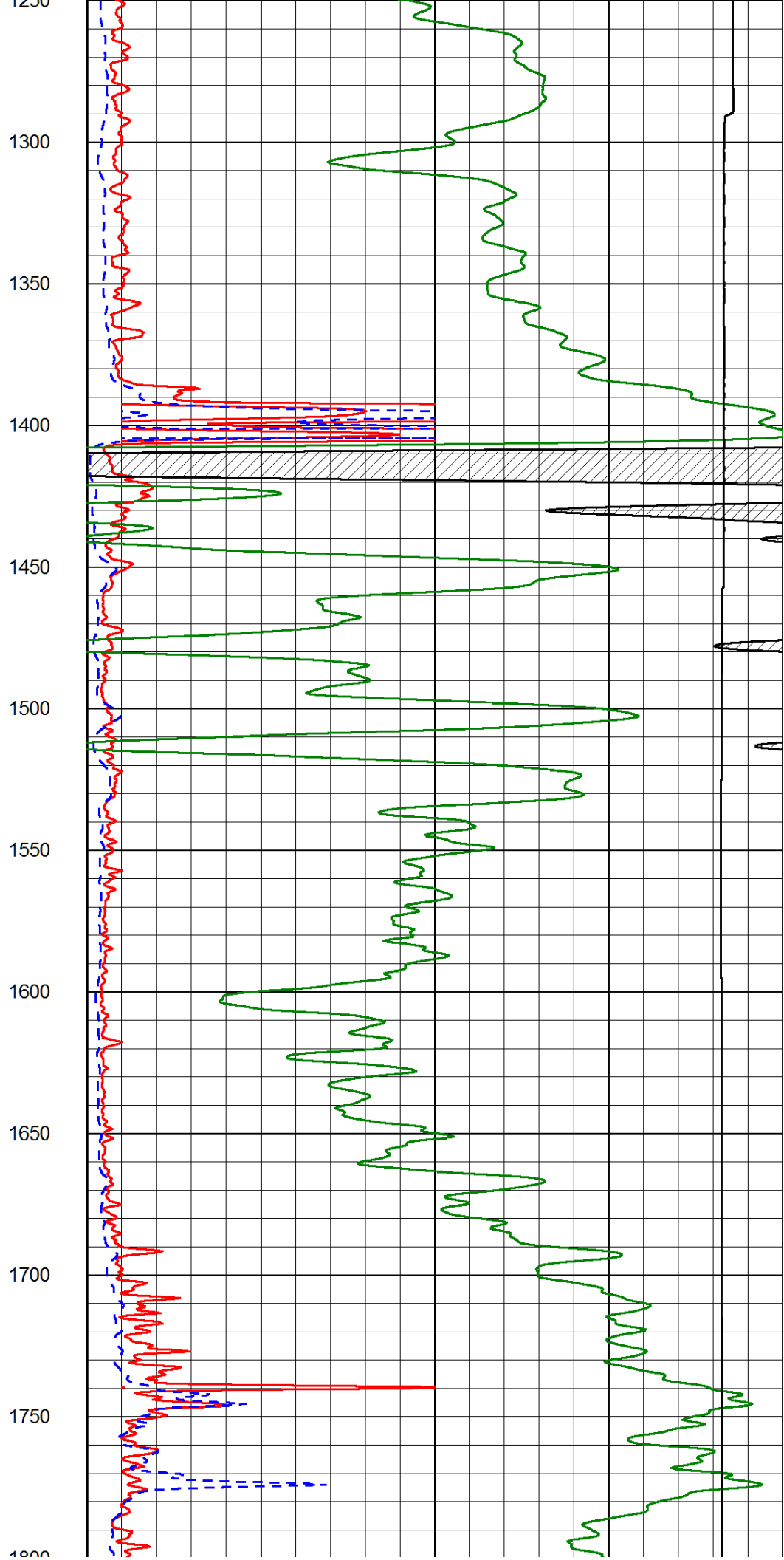
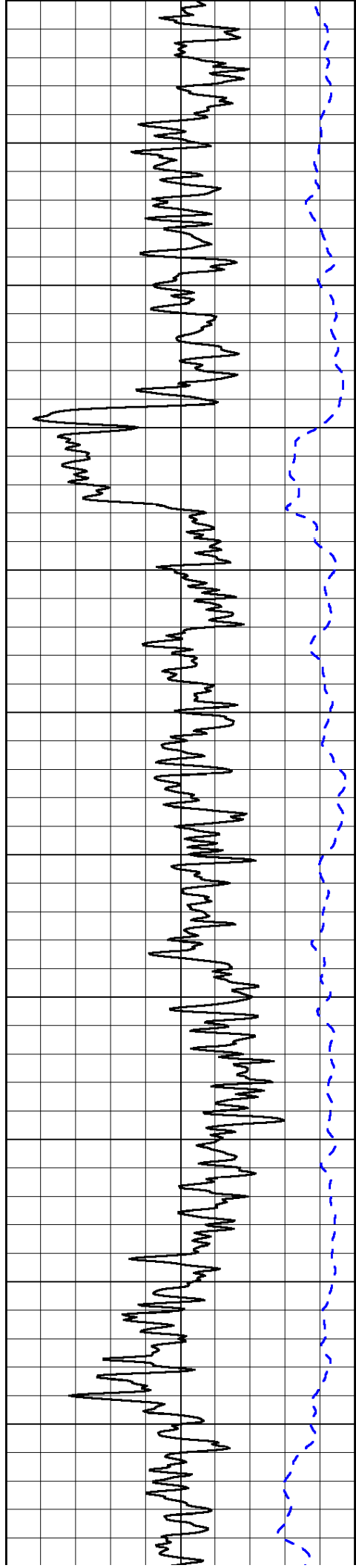
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|---|-----------------------------|----|
| 0 | Shallow Resistivity (Ohm-m) | 50 |
| 0 | Deep Resistivity (Ohm-m) | 50 |

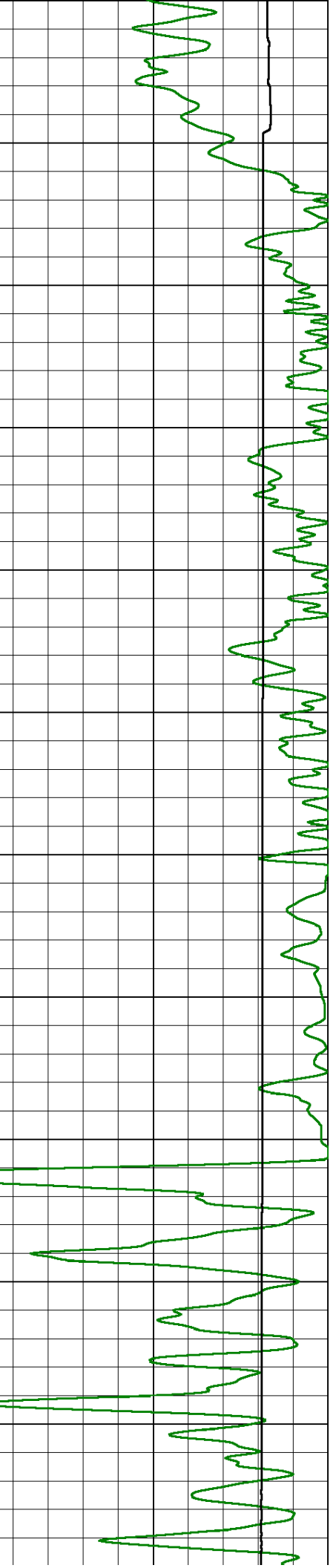
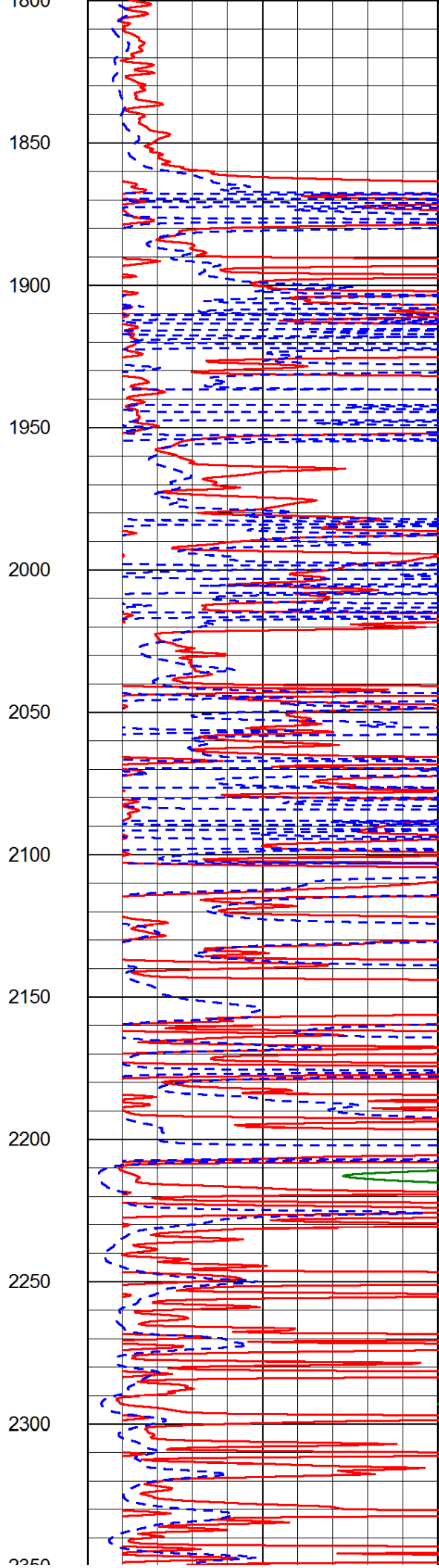
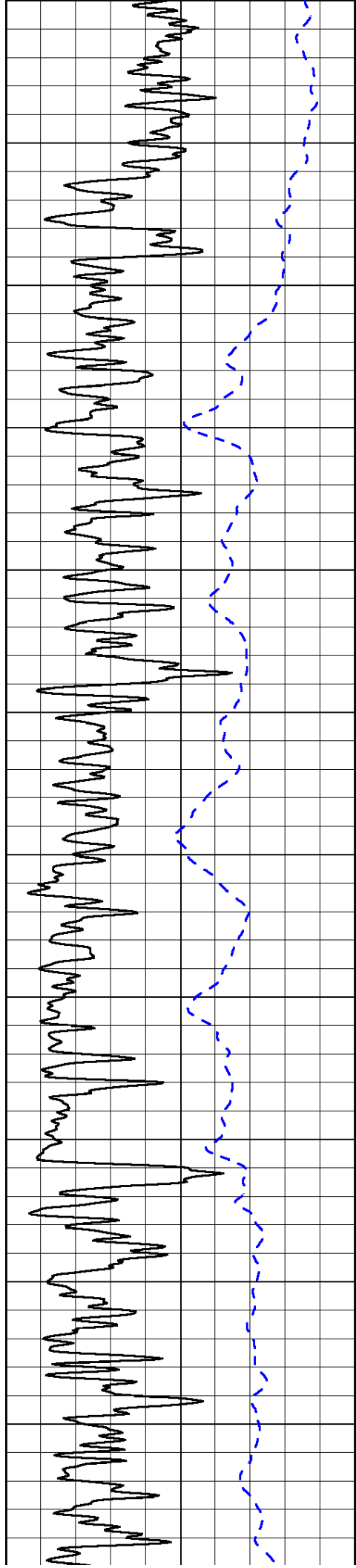
| | | |
|-------|----------------------|---|
| 1000 | Conductivity (Ohm-m) | 0 |
| 15000 | Line Tension (lb) | 0 |

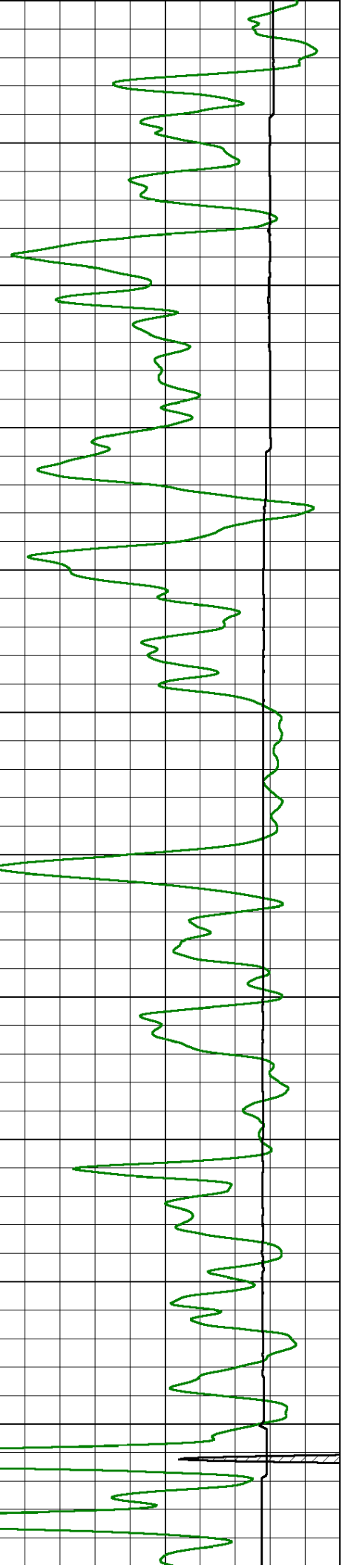
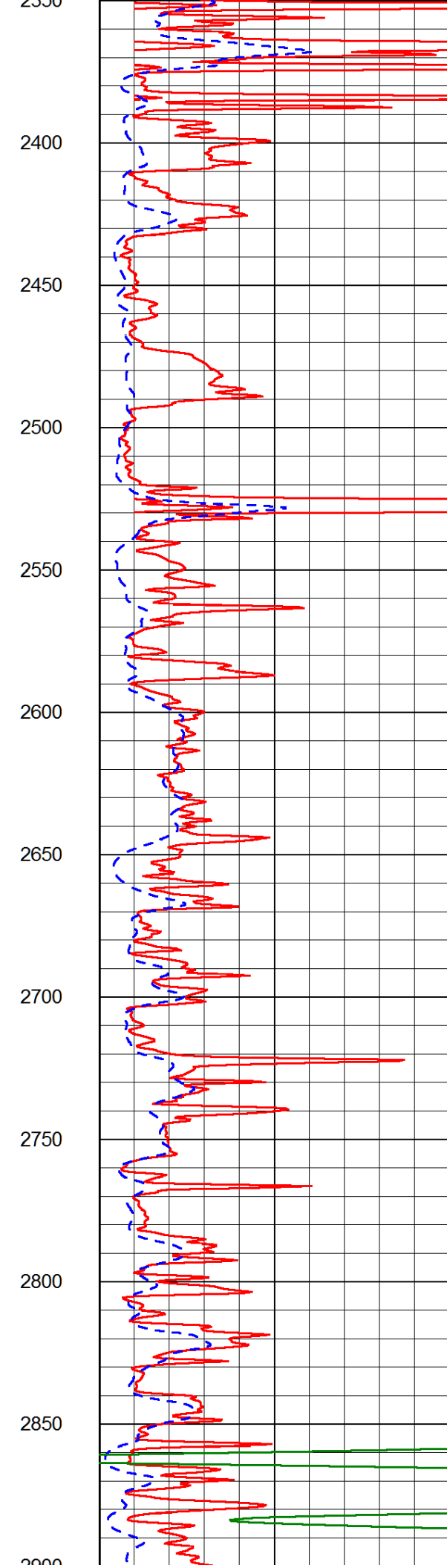
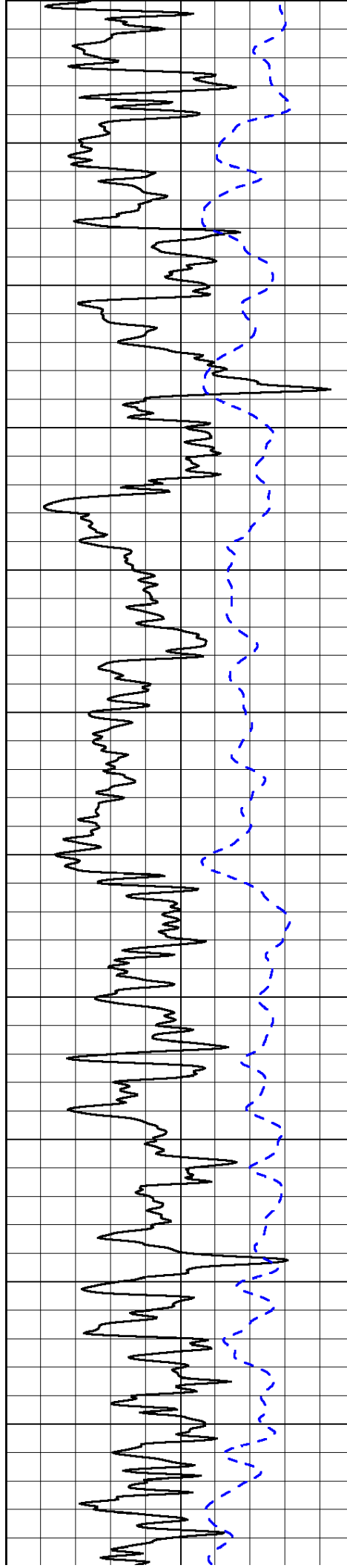
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|---------------------|--------------------------|-----|
| Shallow Resistivity | | |
| 50 | (Ohm-m) | 500 |
| 50 | Deep Resistivity (Ohm-m) | 500 |

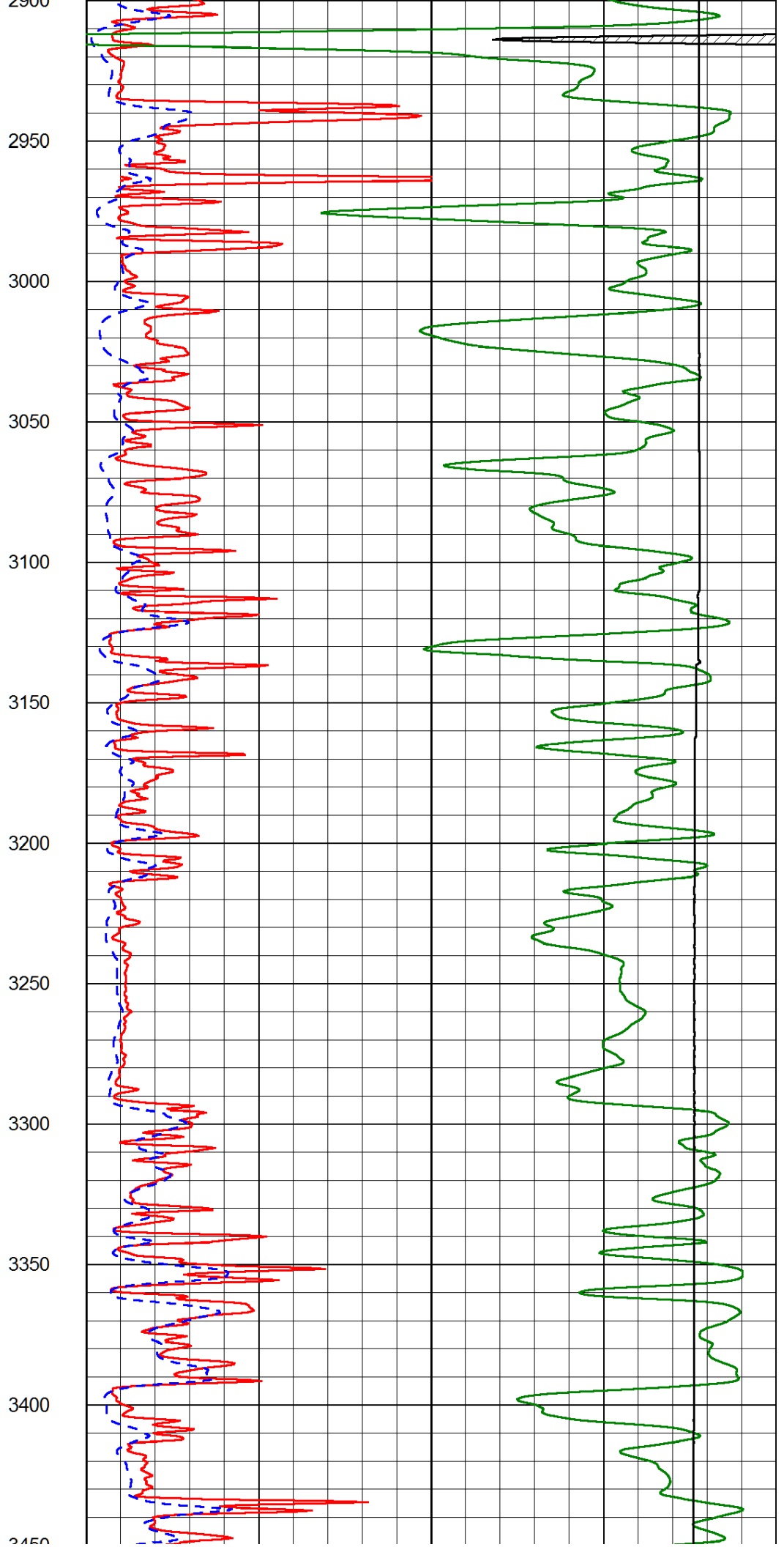
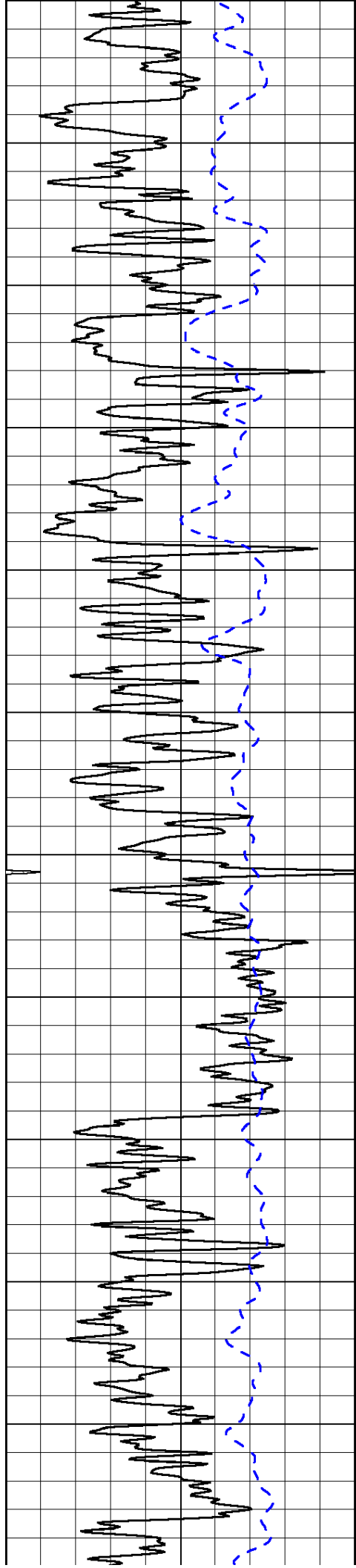


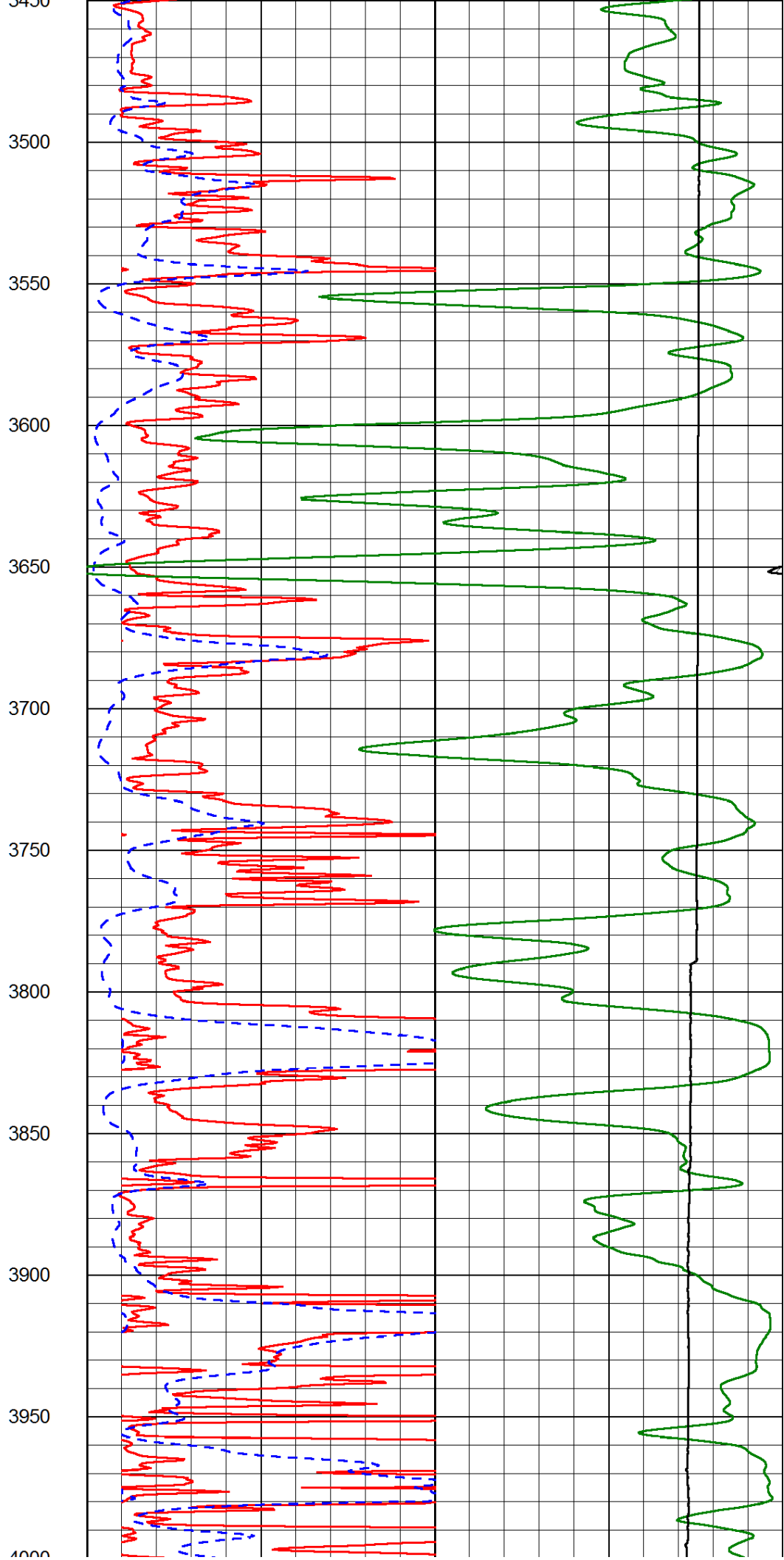
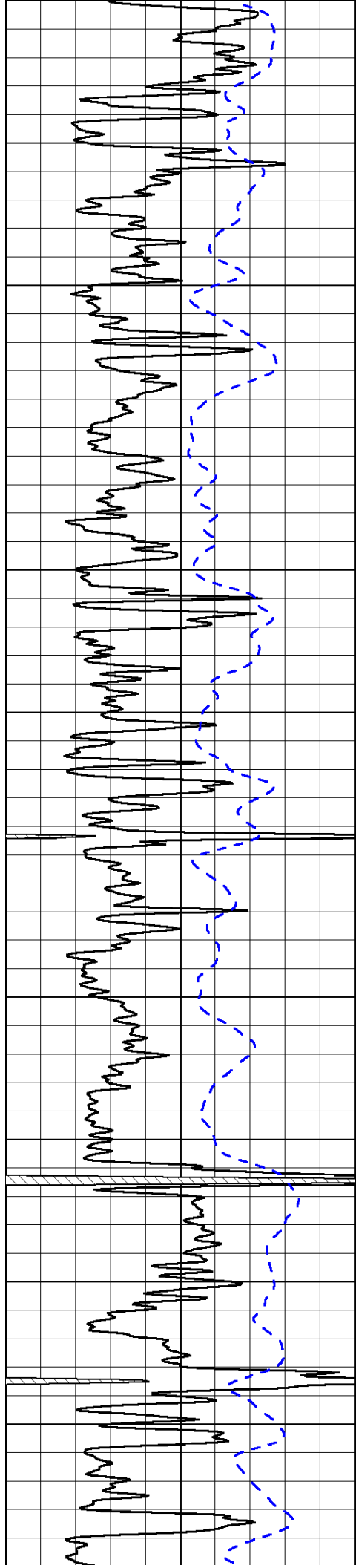


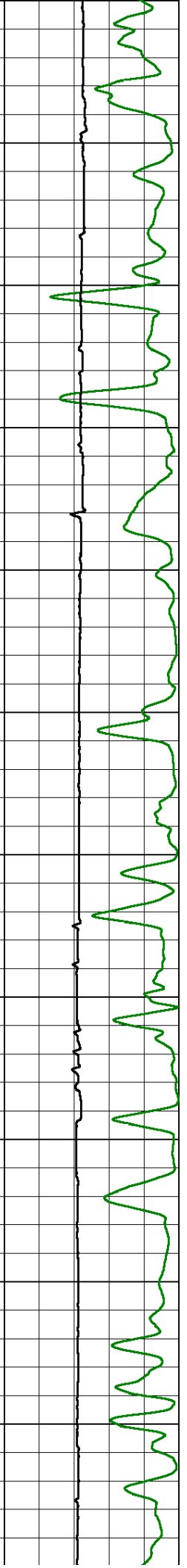
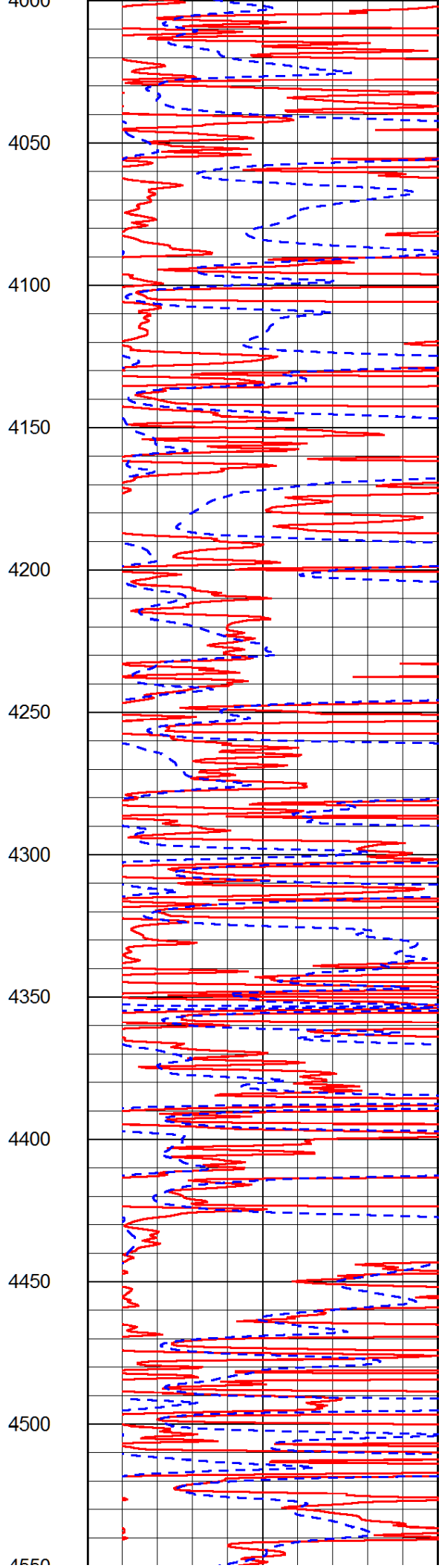
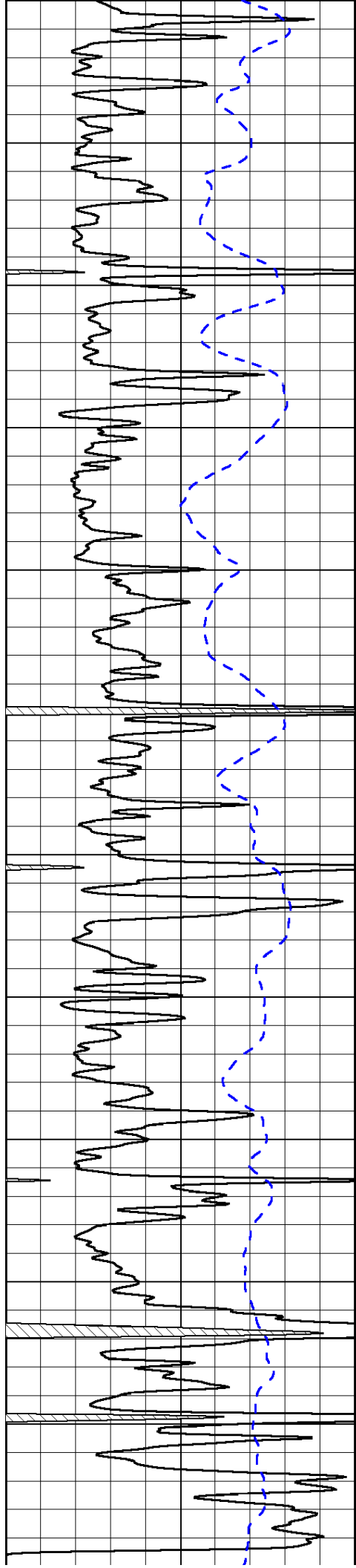


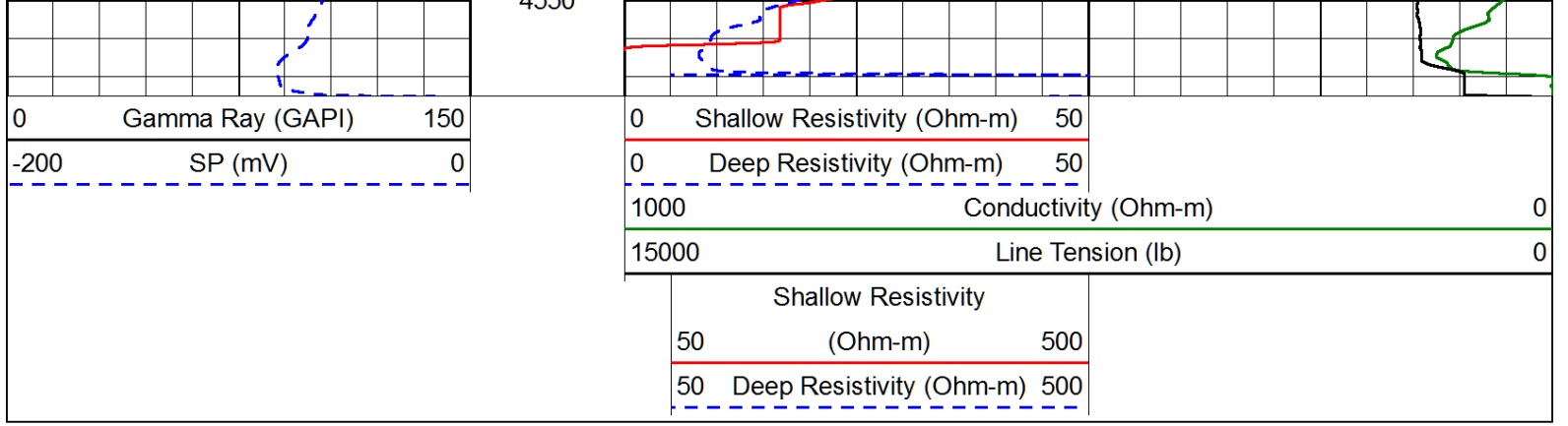




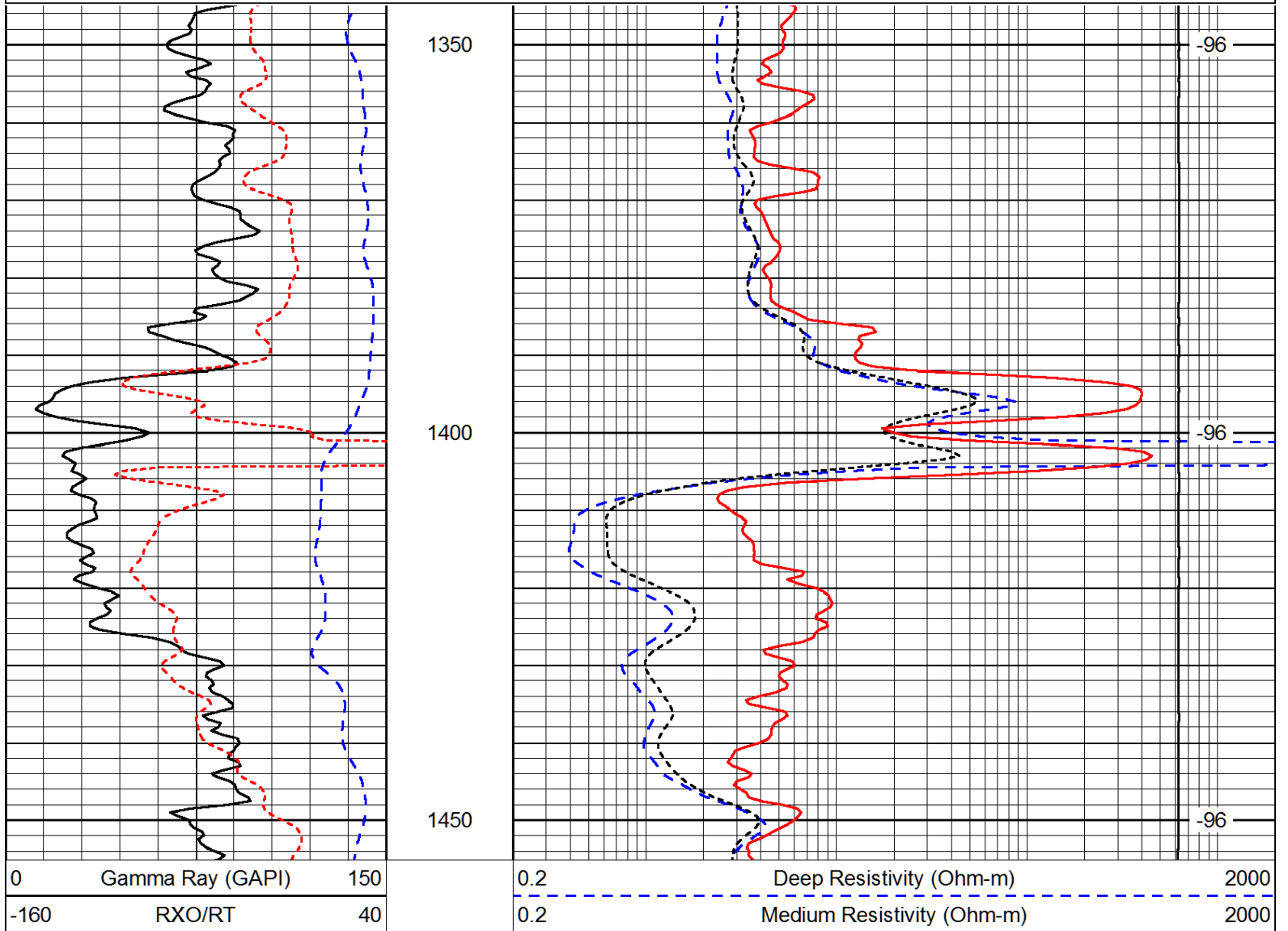
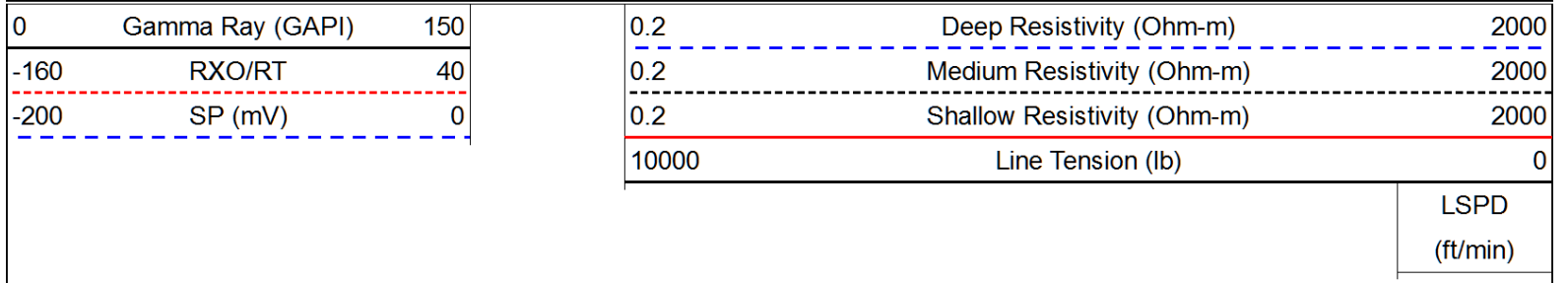








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-200 SP (mV) 0

0.2 Shallow Resistivity (Ohm-m) 2000

10000 Line Tension (lb) 0

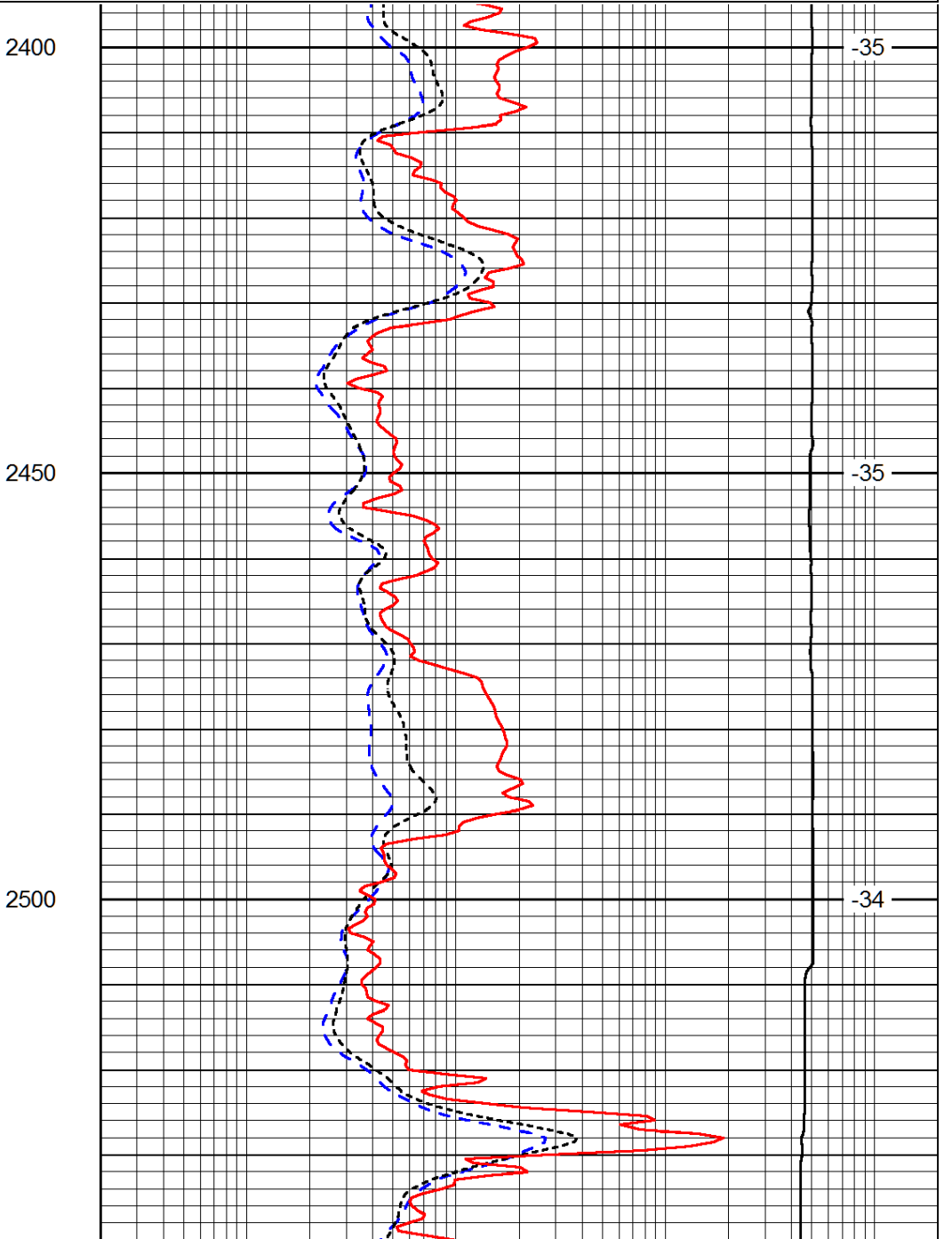
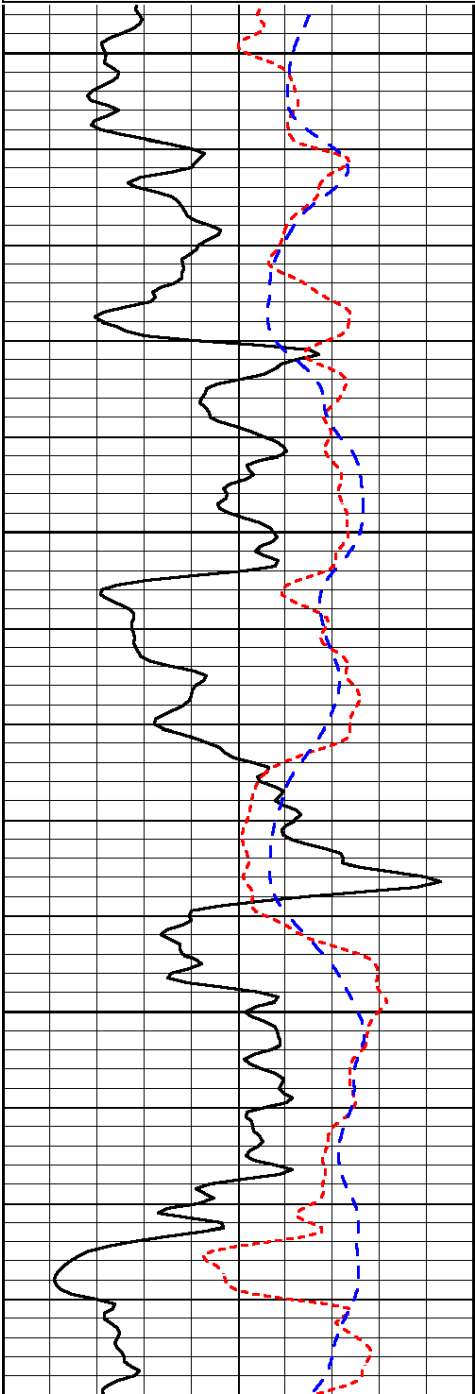
LSPD
(ft/min)

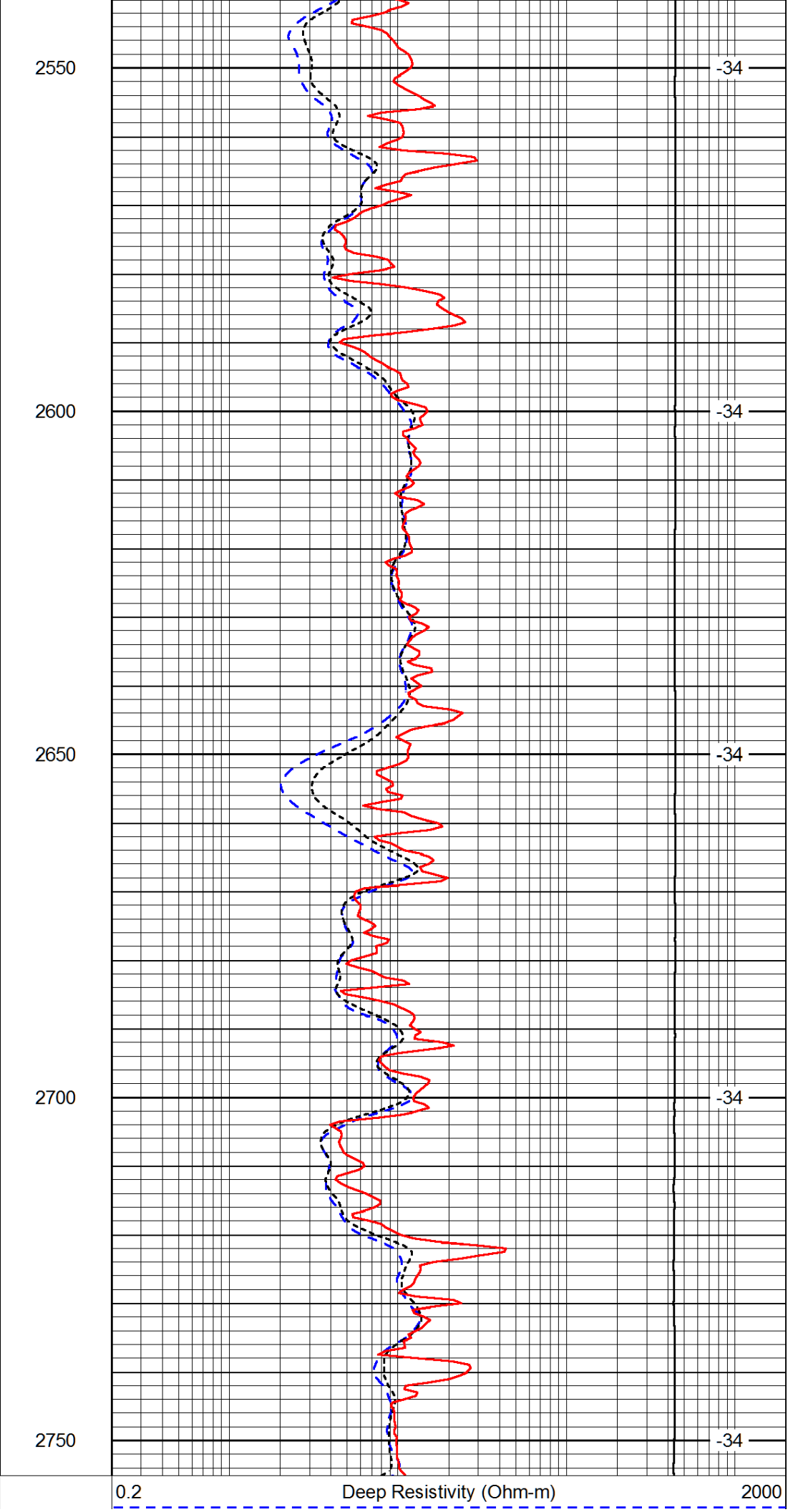
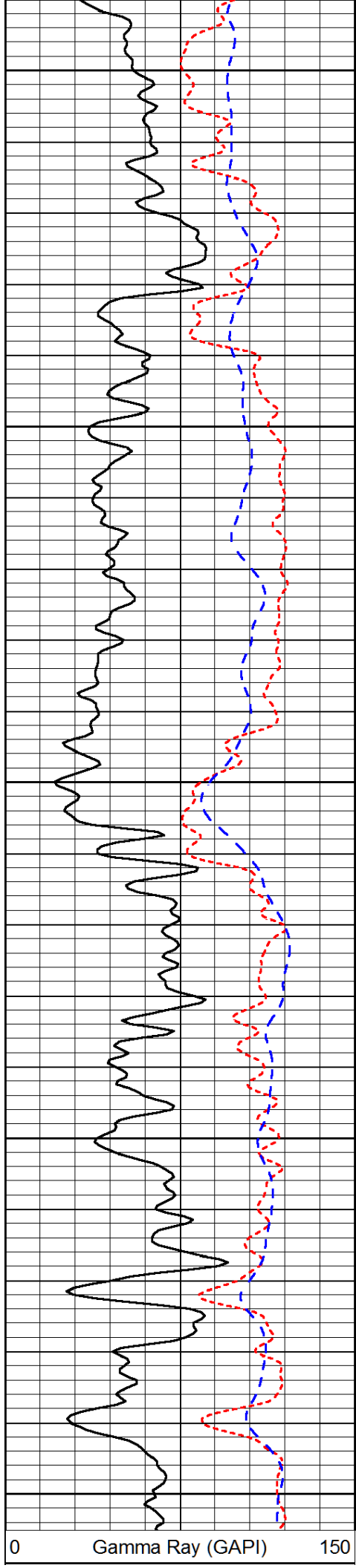
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Presentation Format: dil
Dataset Creation: Fri Dec 20 09:31:36 2013
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
-160 RXO/RT 40
-200 SP (mV) 0

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000
10000 Line Tension (lb) 0

LSPD
(ft/min)





| | | |
|------|---------|----|
| -160 | RXO/RT | 40 |
| -200 | SP (mV) | 0 |

| | | |
|-------|-----------------------------|------|
| 0.2 | Medium Resistivity (Ohm-m) | 2000 |
| 0.2 | Shallow Resistivity (Ohm-m) | 2000 |
| 10000 | Line Tension (lb) | 0 |

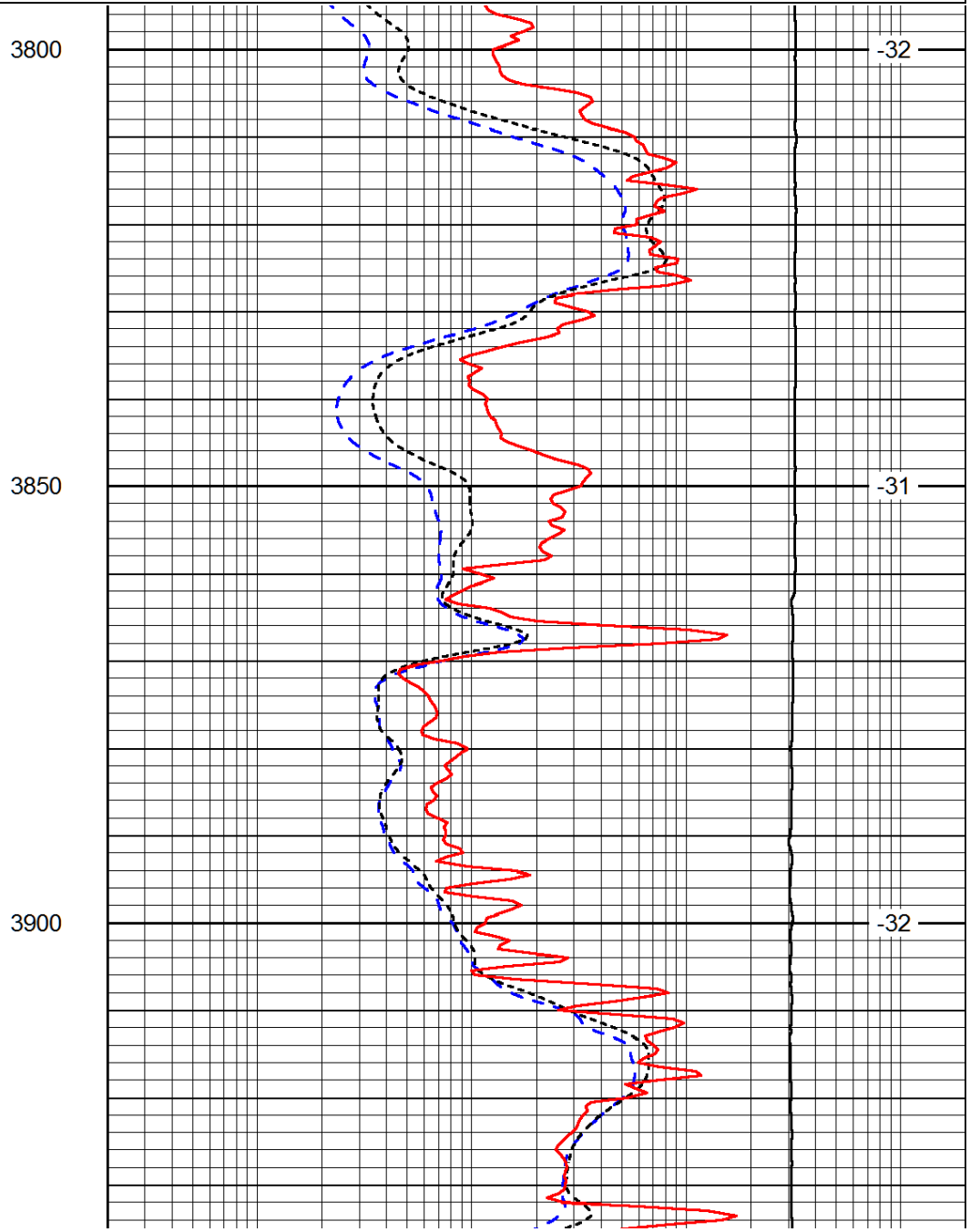
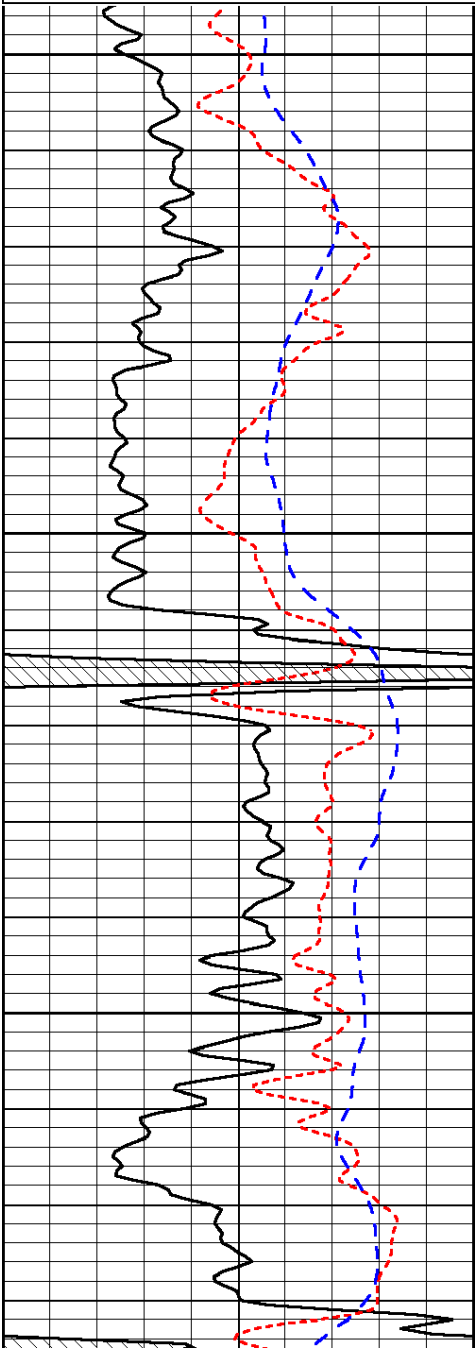
LSPD
(ft/min)

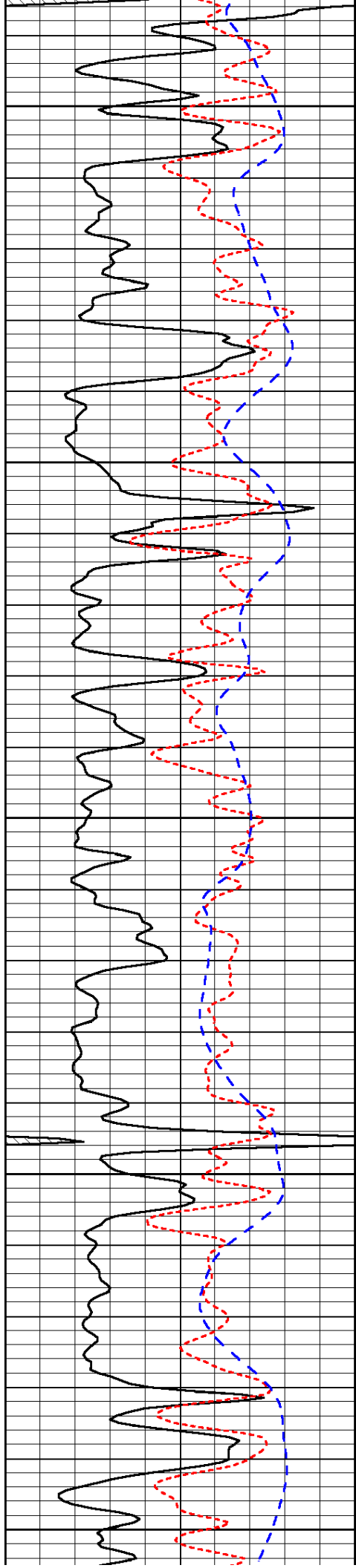
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| | | |
|------|------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| -160 | RXO/RT | 40 |
| -200 | SP (mV) | 0 |

| | | |
|-------|-----------------------------|------|
| 0.2 | Deep Resistivity (Ohm-m) | 2000 |
| 0.2 | Medium Resistivity (Ohm-m) | 2000 |
| 0.2 | Shallow Resistivity (Ohm-m) | 2000 |
| 10000 | Line Tension (lb) | 0 |

LSPD
(ft/min)





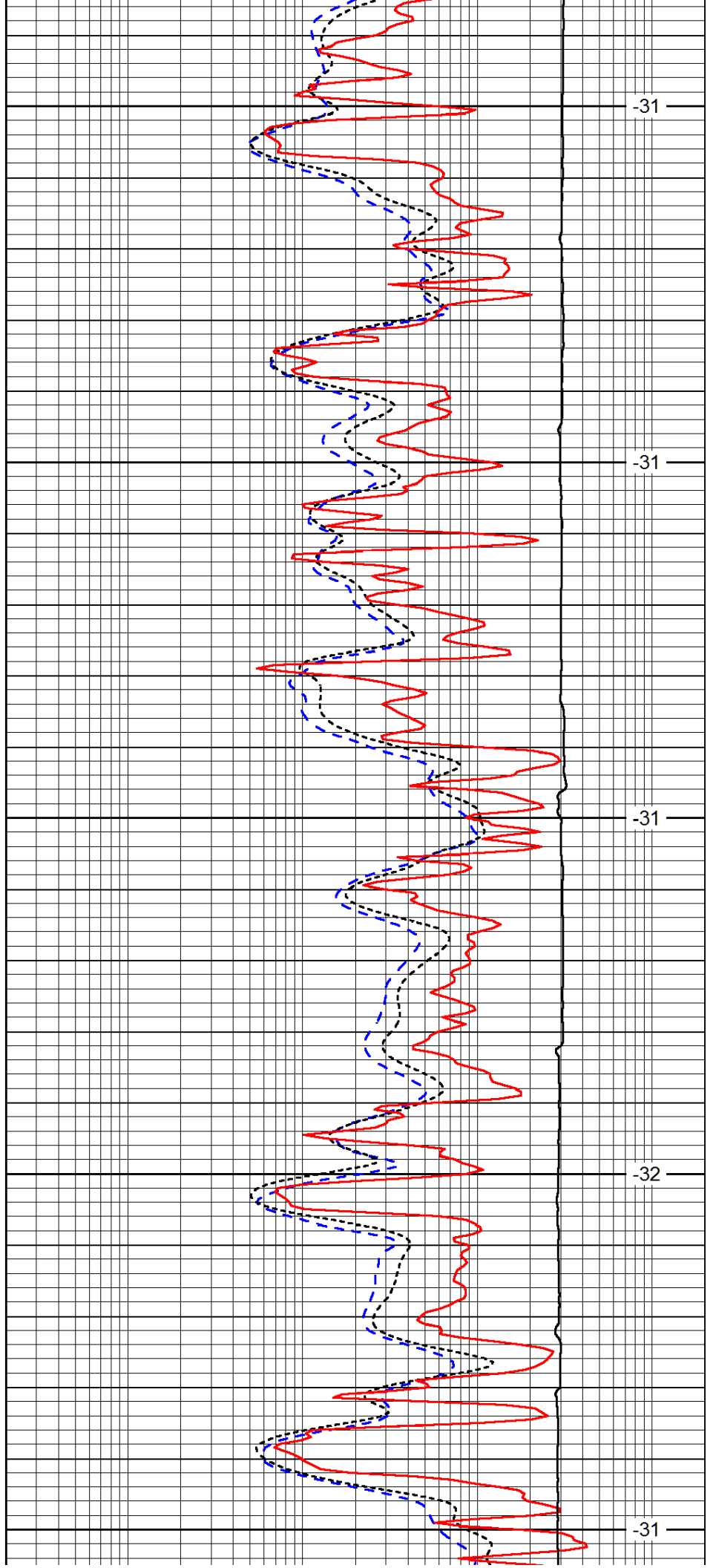
3950

4000

4050

4100

4150



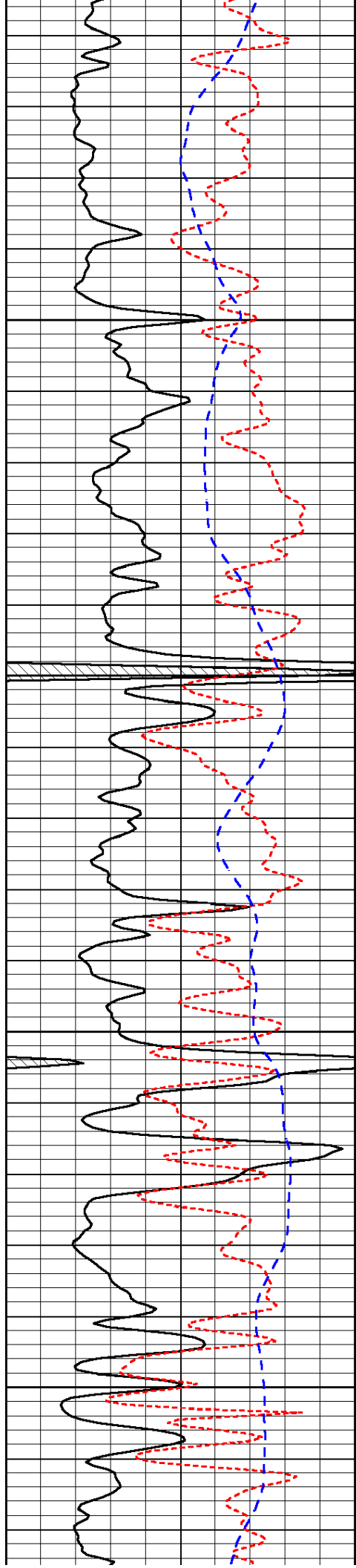
-31

-31

-31

-32

-31

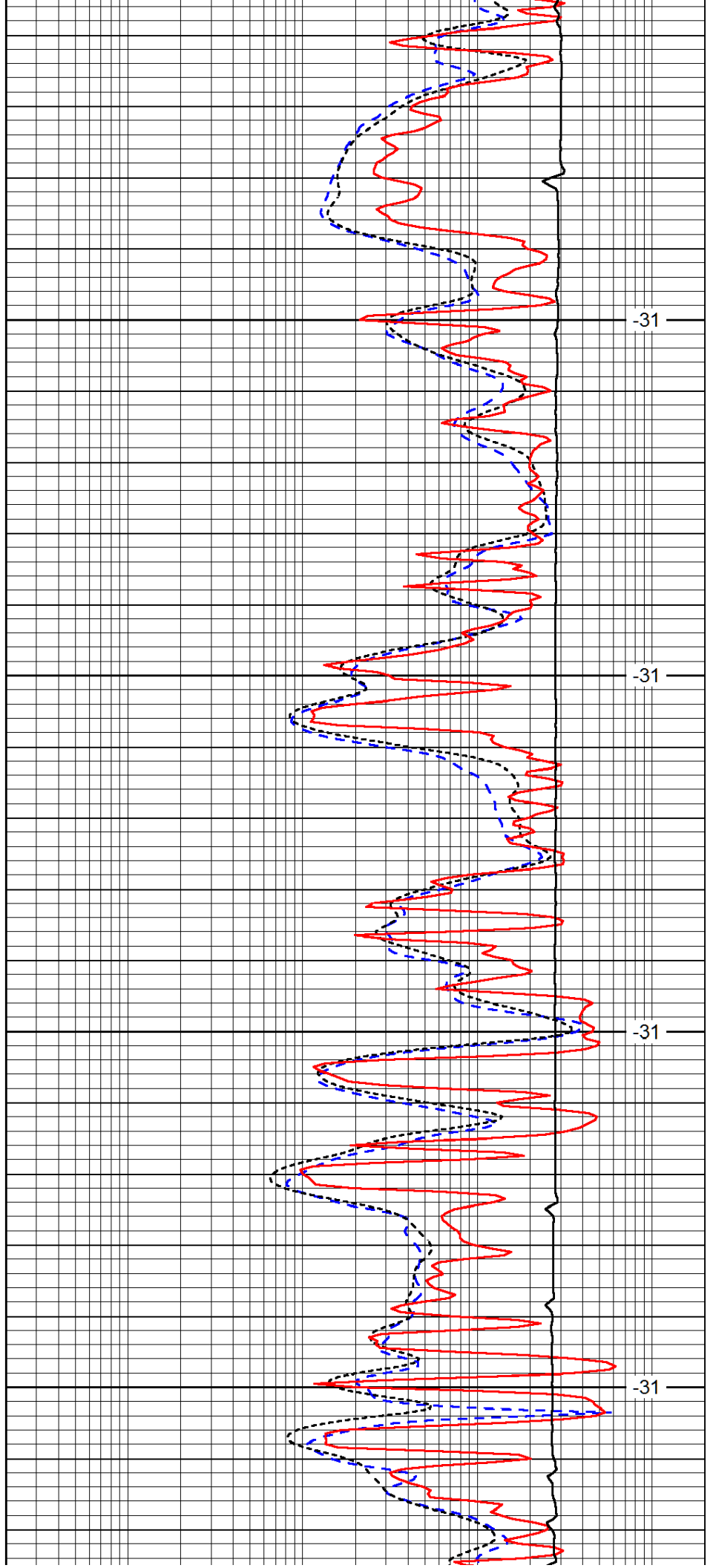


4200

4250

4300

4350

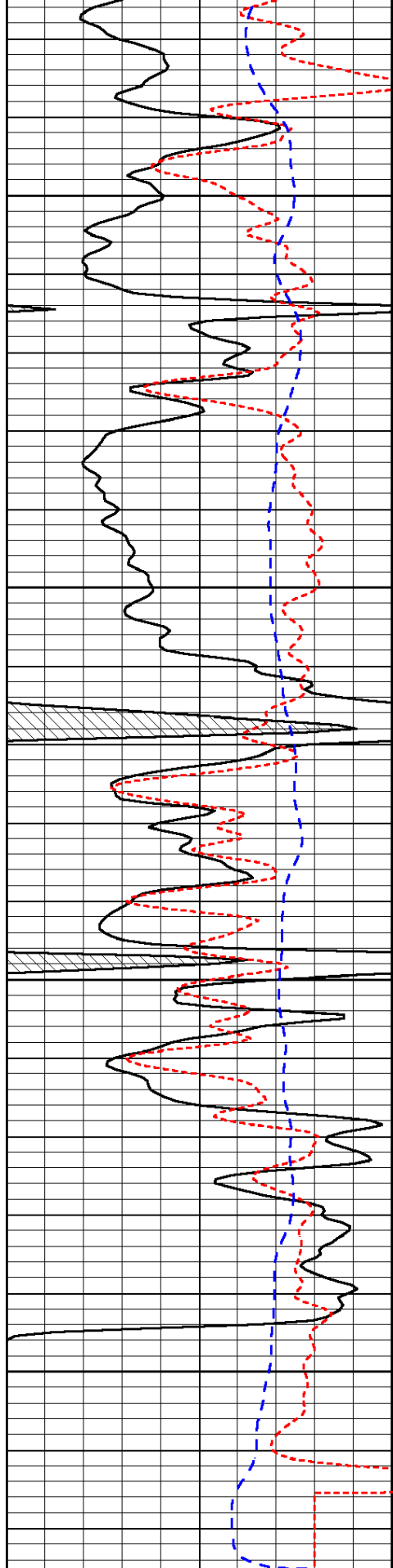


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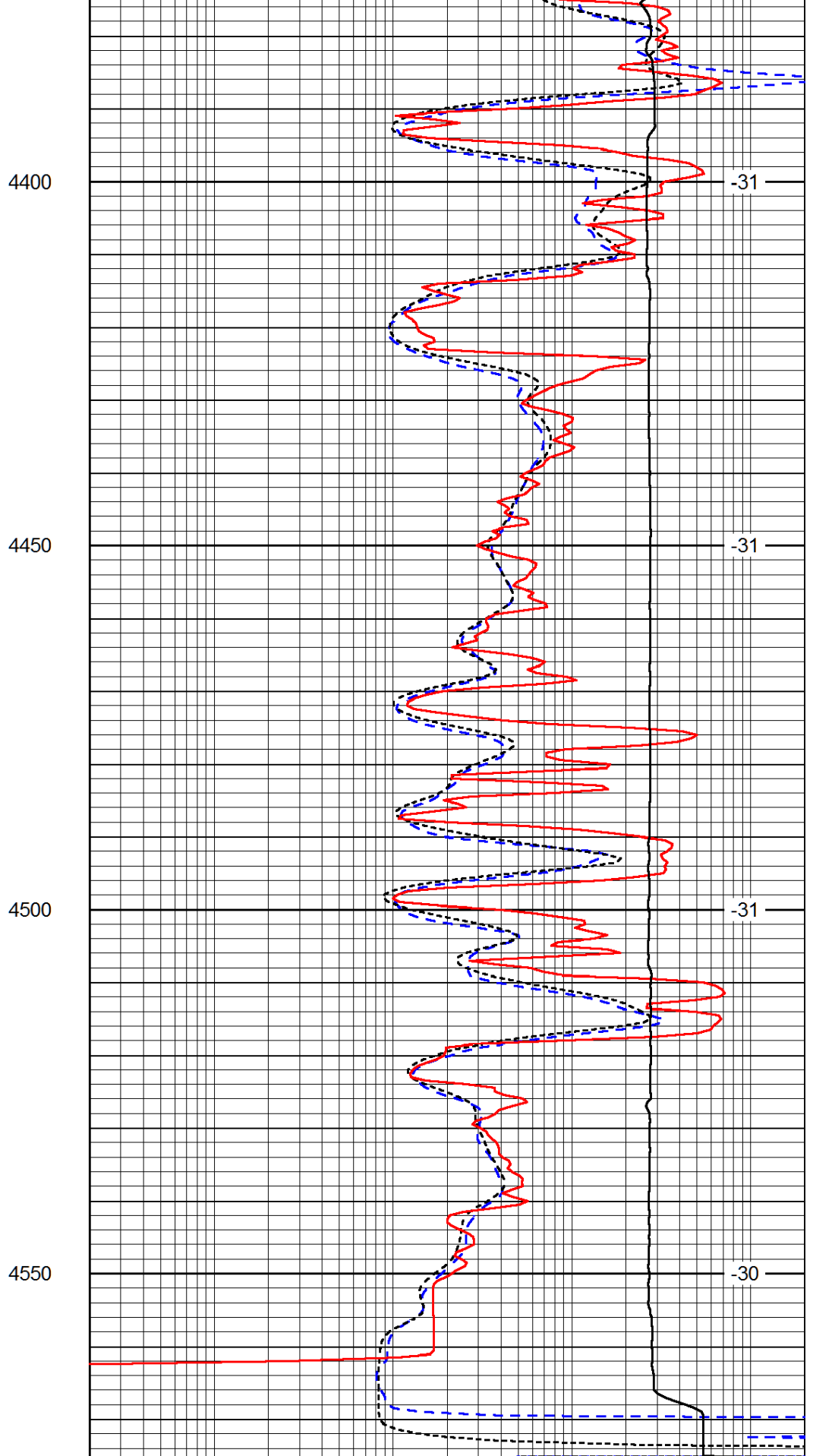
-31

-31

-31



| | | |
|------|------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| -160 | RXO/RT | 40 |
| -200 | SP (mV) | 0 |



| | | |
|-------|-----------------------------|------|
| 0.2 | Deep Resistivity (Ohm-m) | 2000 |
| 0.2 | Medium Resistivity (Ohm-m) | 2000 |
| 0.2 | Shallow Resistivity (Ohm-m) | 2000 |
| 10000 | Line Tension (lb) | 0 |



Pioneer Energy Services

Dual Compensated Porosity Log

| | | | |
|------------------------|------------------------------|-----------|-----------------------------------|
| API No. | 15-083-21,900-00-00 | | |
| Company | Becker Oil Corporation | Location | SW-SE-SE-SE 83' FSL & 558' FEL |
| Well | Winter Land and Cattle No. 1 | County | Hodgeman |
| Field | Saw Log Creek | State | Kansas |
| Sec: | 36 | Twp: | 23S |
| Drilling Measured From | Kelly Bushing | Rge: | 22W |
| Ground Level | Kelly Bushing | Elevation | 2303 |
| Other Services | | D.F. | 2313 |
| DILMEL | | G.L. | 2303 |

| | |
|------------------------|---------------|
| Date | 12/20/13 |
| Run Number | One |
| Type Log | CNL / CDL |
| Depth Driller | 4570 |
| Depth Logger | 4567 |
| Bottom Logged Interval | 4546 |
| Top Logged Interval | 3800 |
| Type Fluid In Hole | Chemical |
| Salinity, PPM CL | 4,500 |
| Density | 9.0 |
| Level | Full |
| Max. Rec. Temp. F | 122 |
| Operating Rig Time | 4 Hours |
| Equipment -- Location | 15 Hays |
| Recorded By | J. Henrickson |
| Witnessed By | Clyde Becker |

| Borehole Record | | | | Casing Record | | | |
|-----------------|-------|------|-----|---------------|------|------|-----|
| Run No. | Bit | From | To | Size | Wgt. | From | To |
| One | 12.25 | 00 | 255 | 8.625 | 23# | 00 | 255 |
| Two | 7.875 | 255 | TD | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

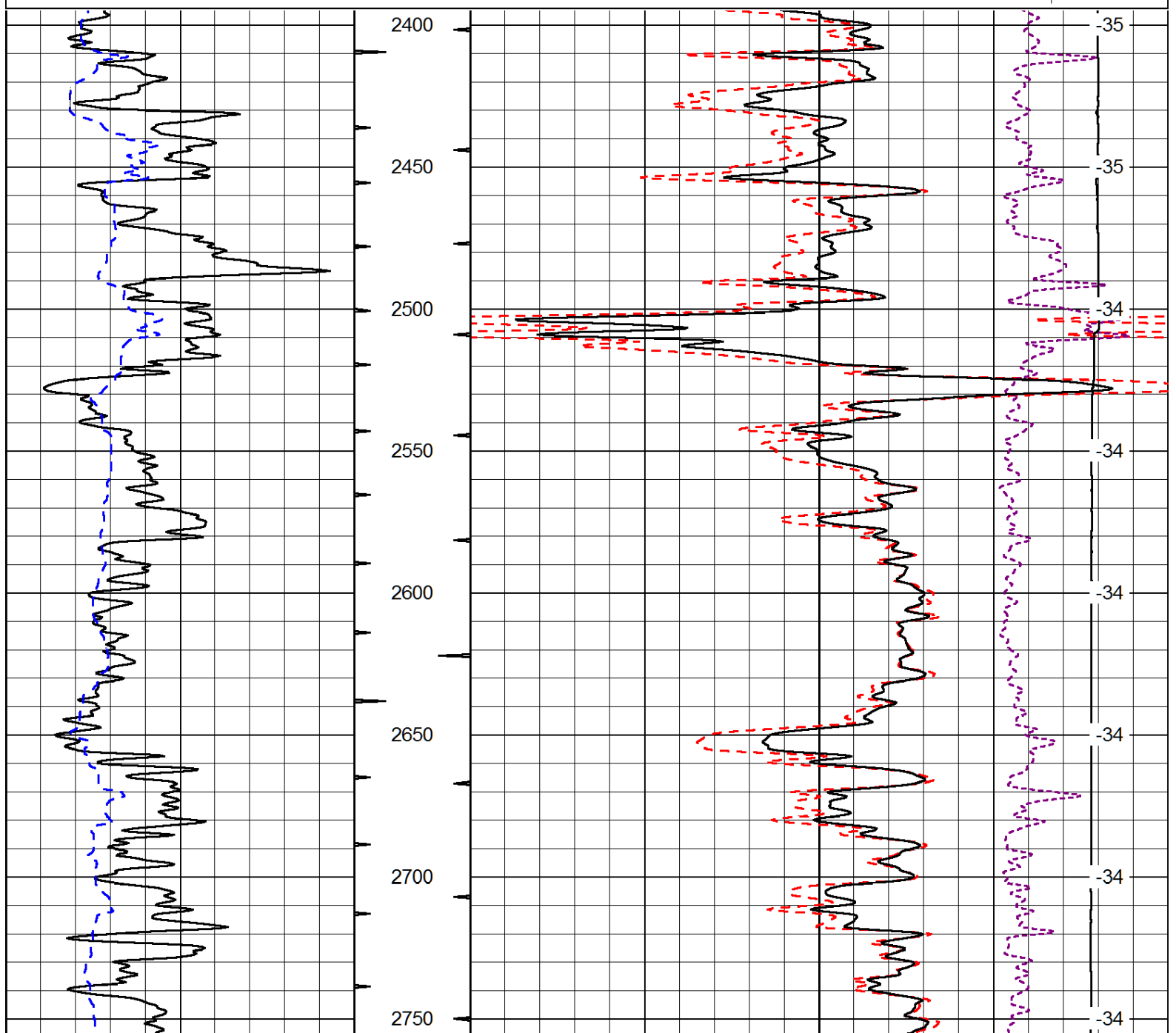
Thank you for using Log-Tech, Inc.
 (785) 625-3858

 Burdett Kansas
 West on 156 HWY to 232 Rd, 1 South, 1 West, 1 South 1, East, South to H Rd,
 2 West, South Into

Database File: becker_winter_land_cattle_1hd.db
 Dataset Pathname: DIL/beckstk
 Presentation Format: cdl
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:600

| | | |
|---|------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | Caliper (in) | 16 |

| | | |
|-------|--------------------------|---------------|
| 30 | Compensated Density (pu) | -10 |
| 2 | Bulk Density (g/cc) | 3 |
| 15000 | Line Tension (lb) | 0 |
| -0.25 | Correction (g/cc) | 0.25 |
| | | LSPD (ft/min) |

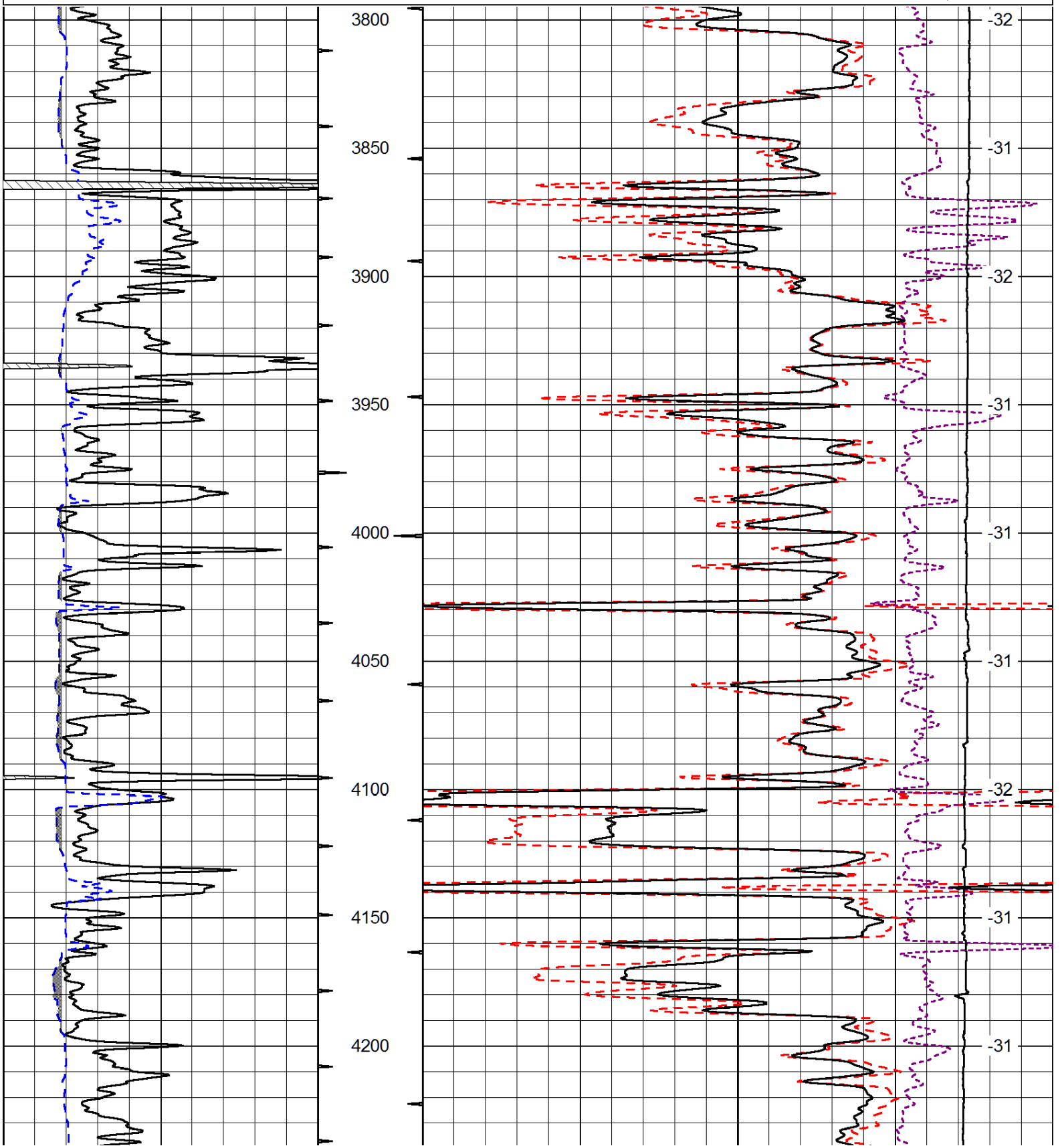


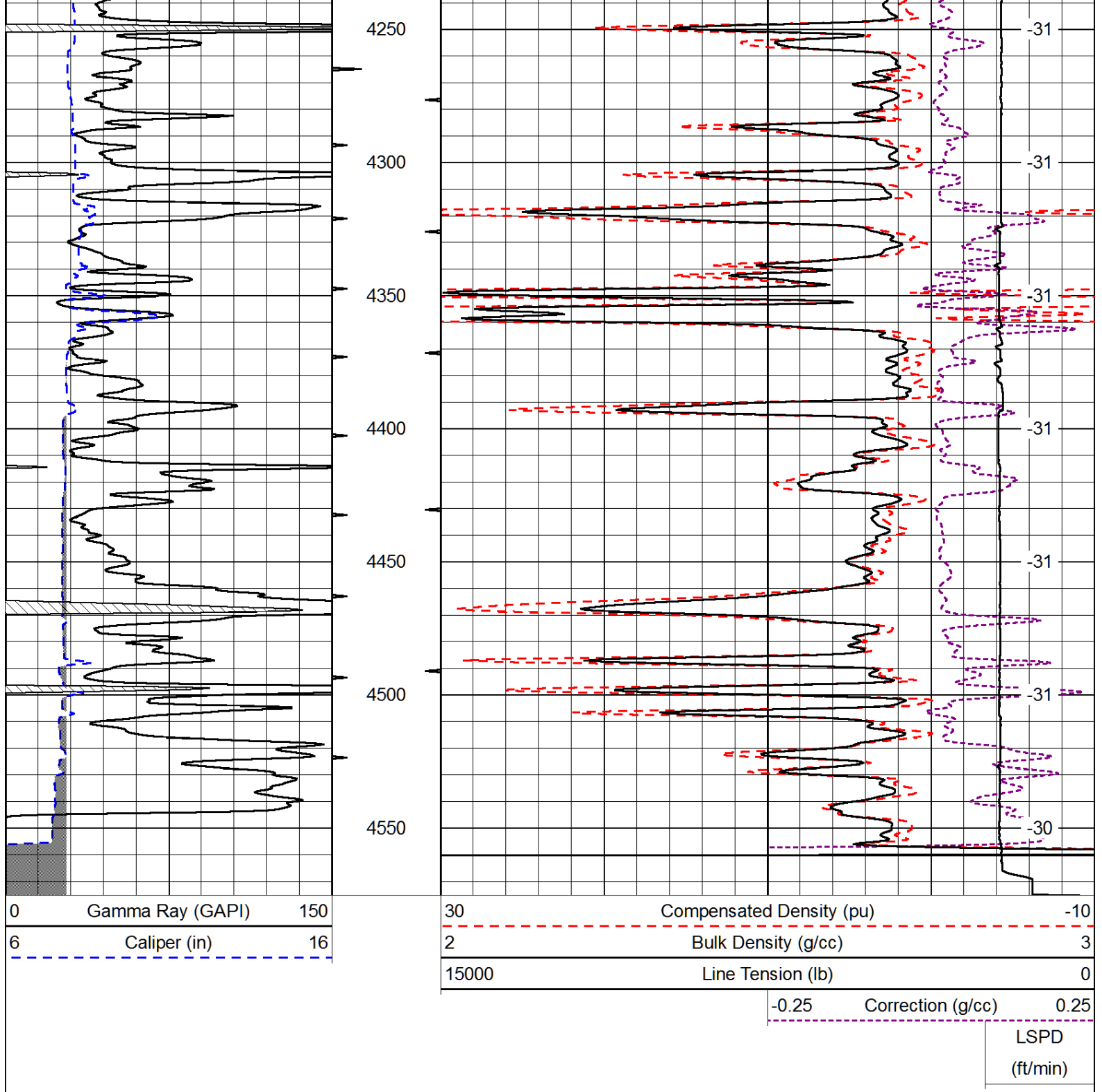
| | | |
|---|------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | Caliper (in) | 16 |

| | | |
|-------|--------------------------|---------------|
| 30 | Compensated Density (pu) | -10 |
| 2 | Bulk Density (g/cc) | 3 |
| 15000 | Line Tension (lb) | 0 |
| -0.25 | Correction (g/cc) | 0.25 |
| | | LSPD (ft/min) |

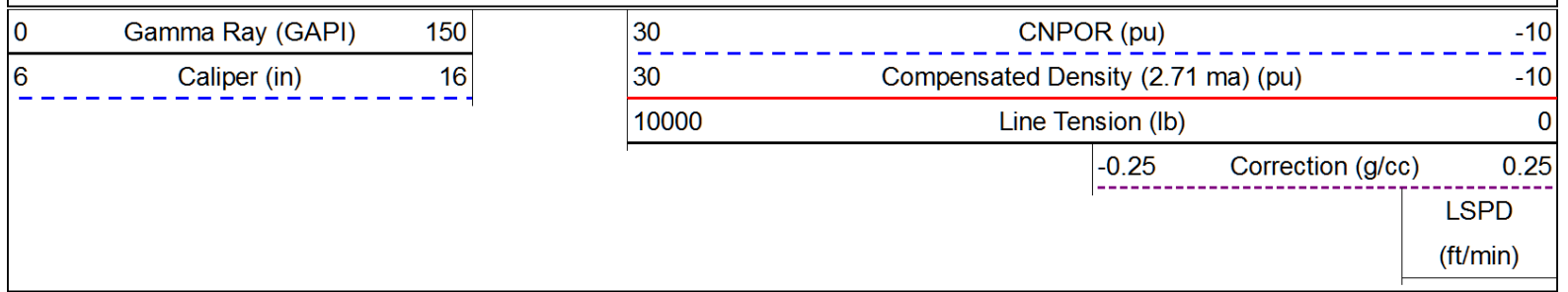
| | | |
|---|------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | Caliper (in) | 16 |

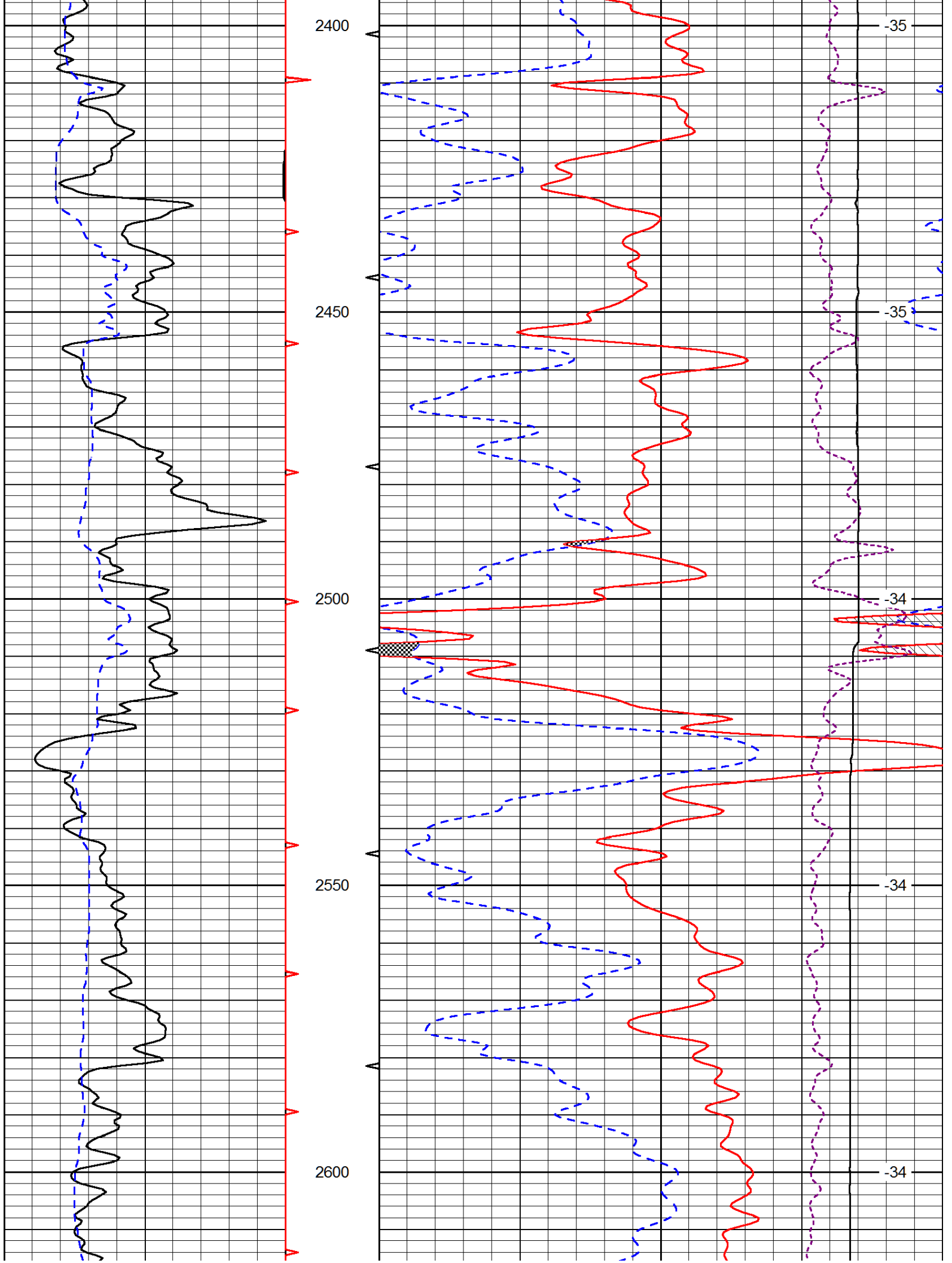
| | | |
|-------|--------------------------|------|
| 30 | Compensated Density (pu) | -10 |
| 2 | Bulk Density (g/cc) | 3 |
| 15000 | Line Tension (lb) | 0 |
| -0.25 | Correction (g/cc) | 0.25 |
| | LSPD (ft/min) | |

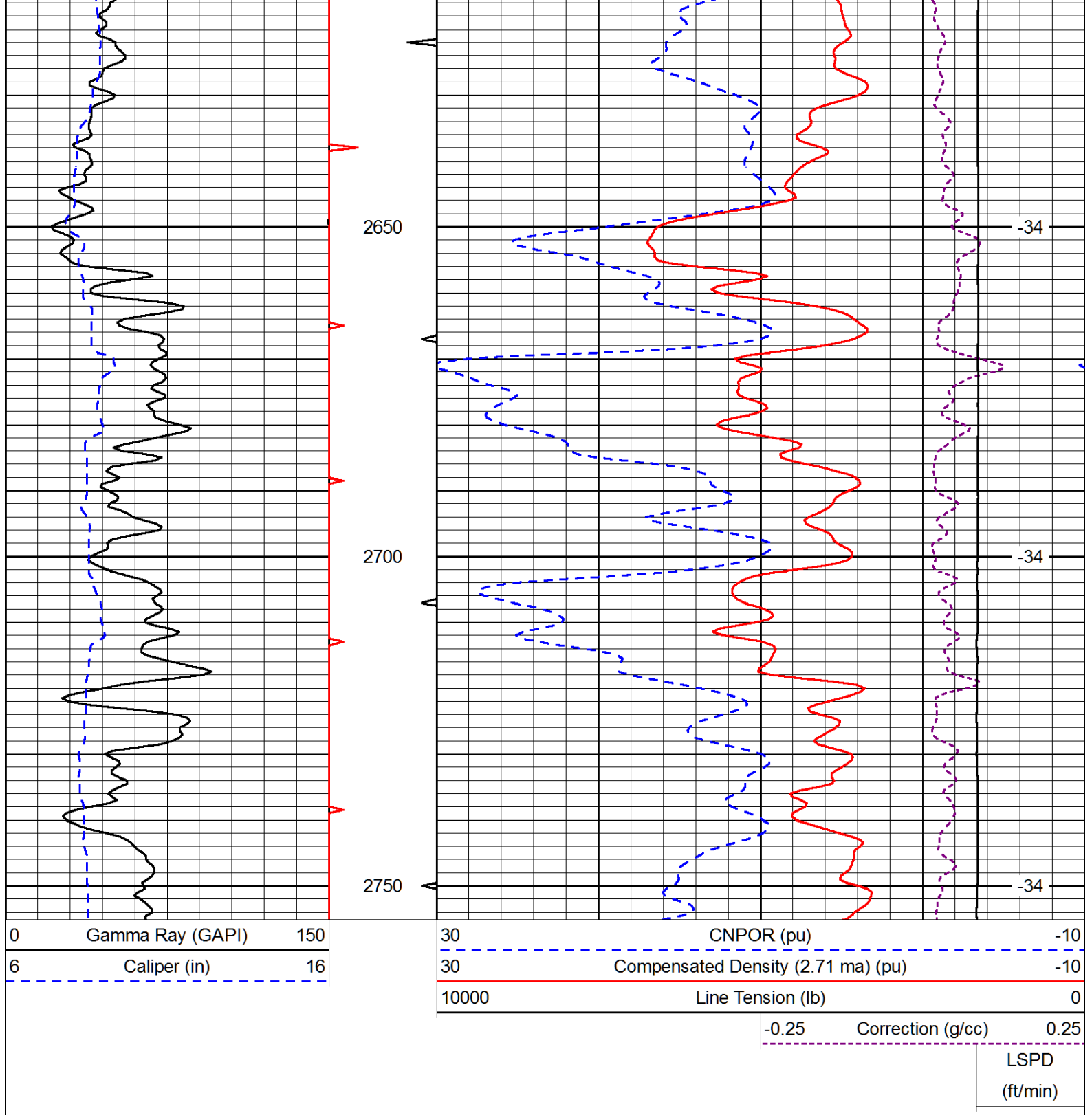




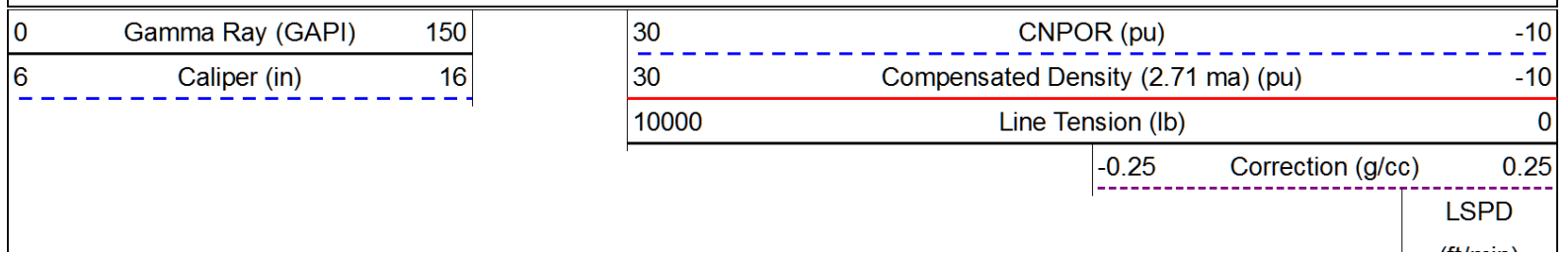
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 Presentation Format: cndlspec
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:240

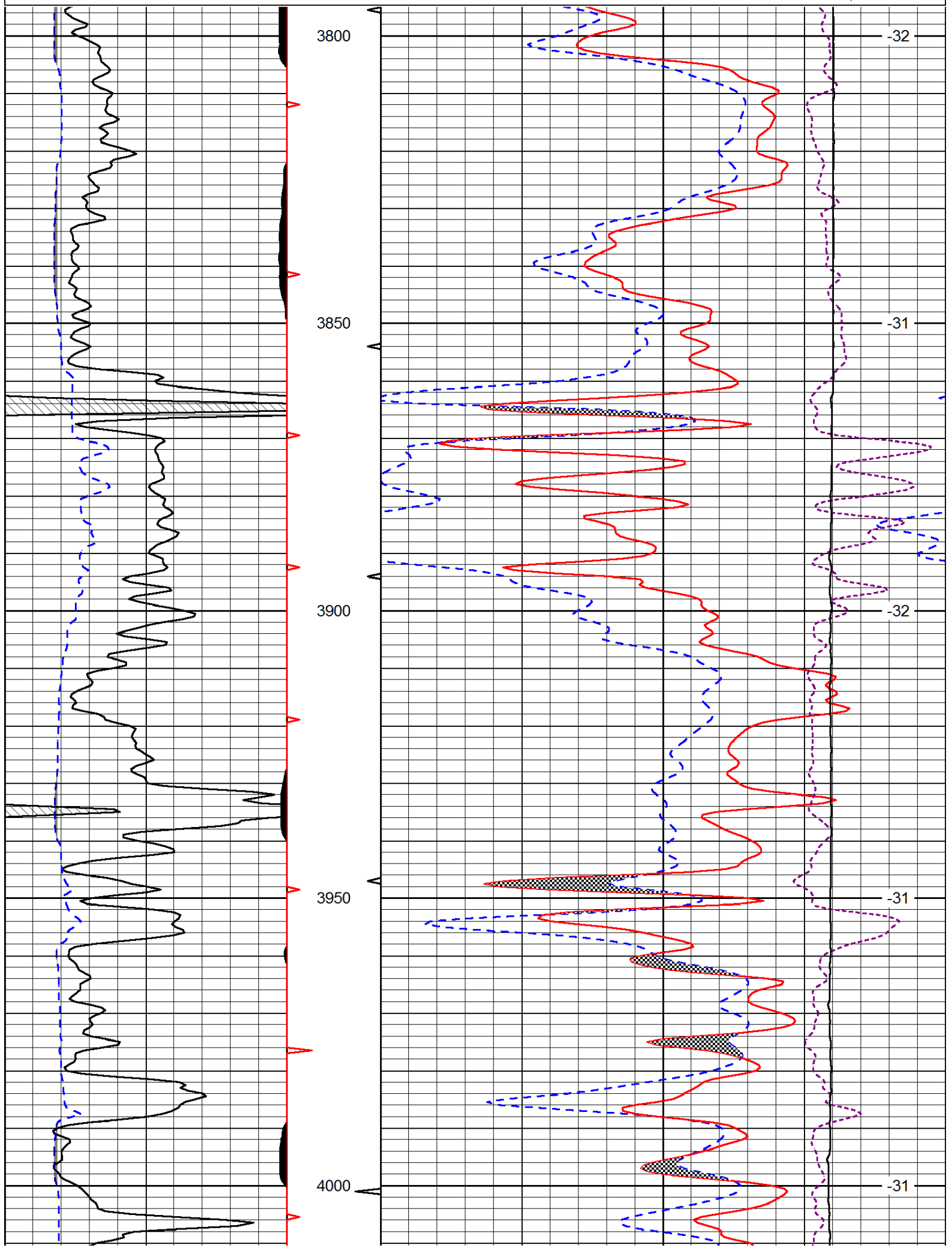


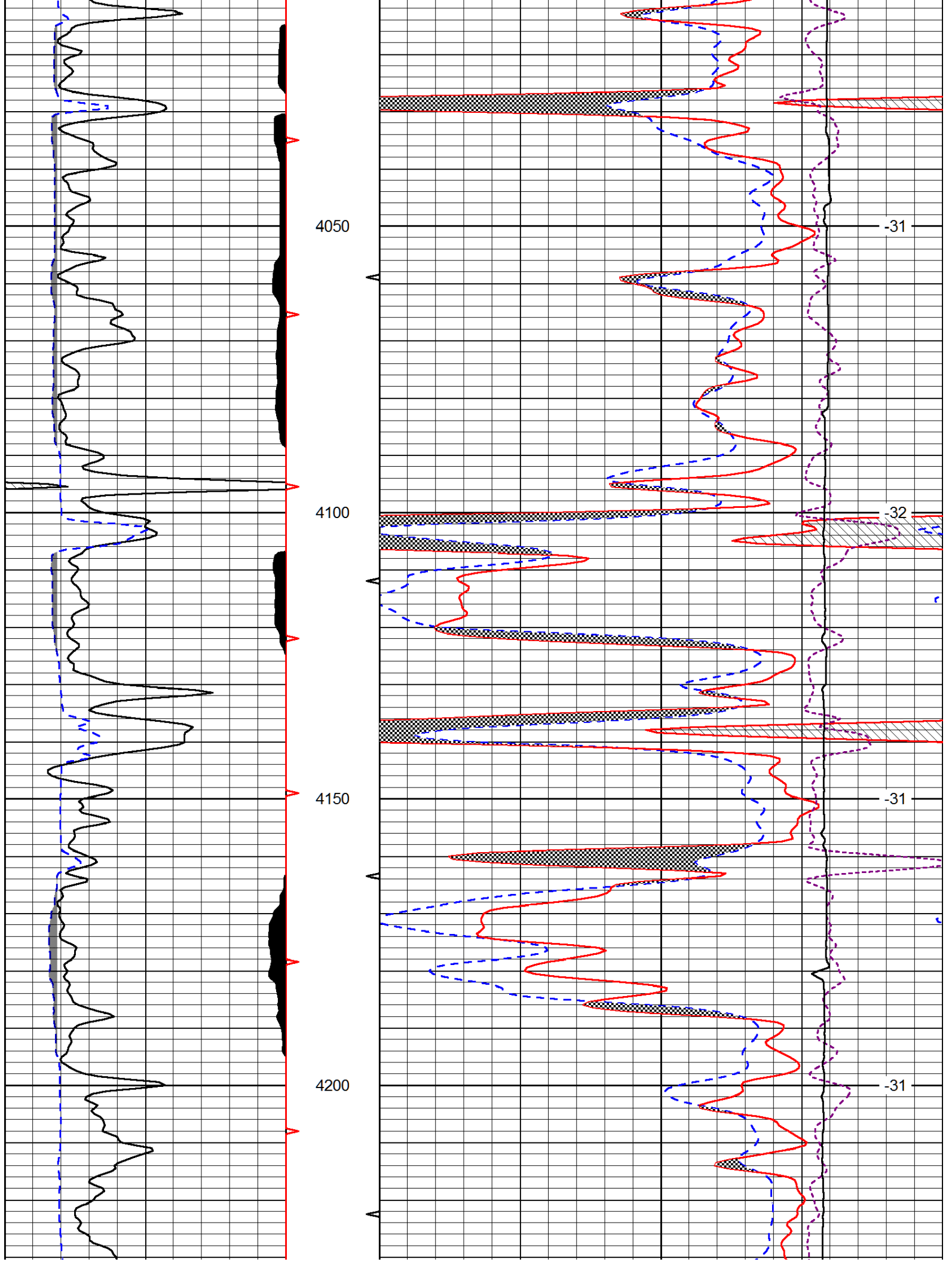


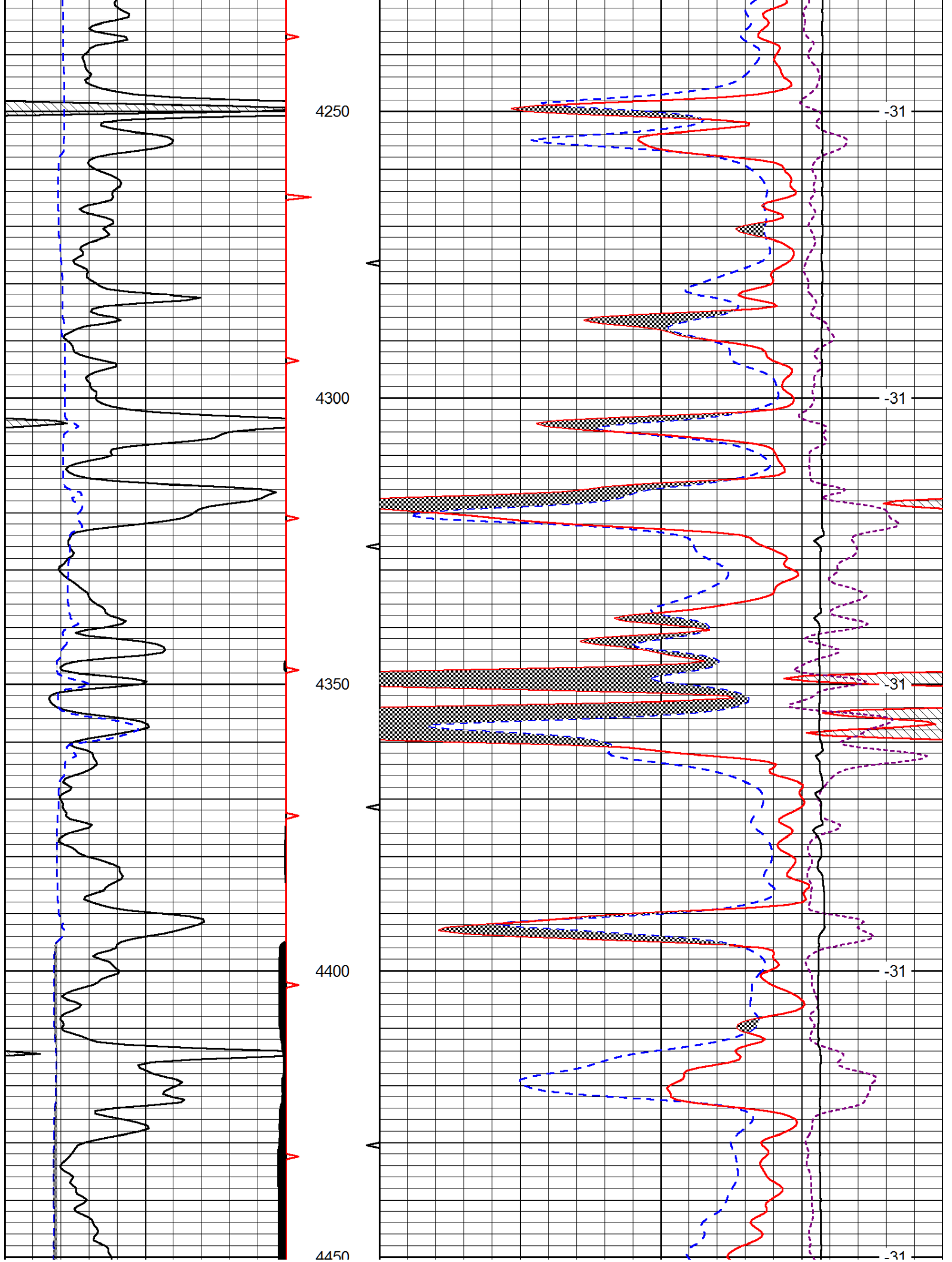


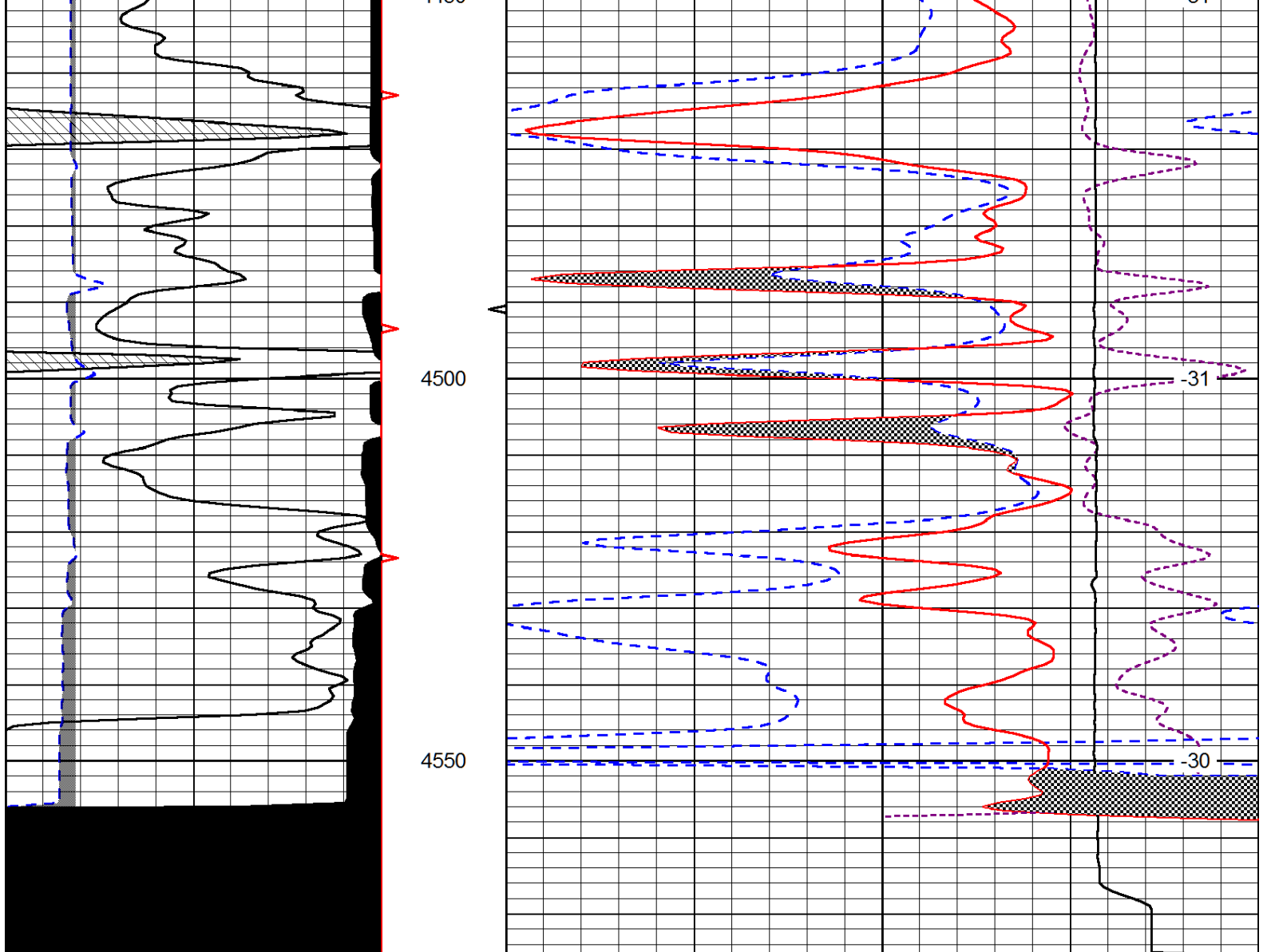
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 Presentation Format: cndlspec
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:240











| | | |
|---|------------------|-----|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | Caliper (in) | 16 |

| | | |
|-------|------------------------------------|------|
| 30 | CNPOR (pu) | -10 |
| 30 | Compensated Density (2.71 ma) (pu) | -10 |
| 10000 | Line Tension (lb) | 0 |
| -0.25 | Correction (g/cc) | 0.25 |

LSPD
(ft/min)



Pioneer Energy Services

Microresistivity Log

Company Becker Oil Corporation
Well Winter Land and Cattle No. 1
Field Saw Log Creek
County Hodgeman State **Kansas**

Location SW-SE-SE-SE
 83' FSL & 558' FEL

Other Services
 CNL/CDL
 DIL

Sec: 36 **Twp:** 23S **Rge:** 22W

Permanent Datum Ground Level Elevation 2303
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
 K.B. 2313
 D.F. 2303
 G.L. 2303

15-083-21,900-00-00

| | | |
|------------------------|---------------|--|
| Date | 12/20/13 | |
| Run Number | Two | |
| Depth Driller | 4570 | |
| Depth Logger | 4567 | |
| Bottom Logged Interval | 4566 | |
| Top Log Interval | 3800 | |
| Casing Driller | 8.625 @ 255 | |
| Casing Logger | 253 | |
| Bit Size | 7.875 | |
| Type Fluid in Hole | Chemical | |
| Salinity, ppm CL | 4,500 | |
| Density / Viscosity | 9.0 58 | |
| pH / Fluid Loss | 9.0 8.8 | |
| Source of Sample | Flowline | |
| Rm @ Meas. Temp | .68 @ 51 | |
| Rmf @ Meas. Temp | .51 @ 51 | |
| Rmc @ Meas. Temp | .92 @ 51 | |
| Source of Rmf / Rmc | Charts | |
| Rm @ BHT | .28 @ 122 | |
| Operating Rig Time | 4 Hours | |
| Max Rec. Temp. F | 122 | |
| Equipment Number | 15 | |
| Location | Hays | |
| Recorded By | J. Henrickson | |
| Witnessed By | Clyde Becker | |

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

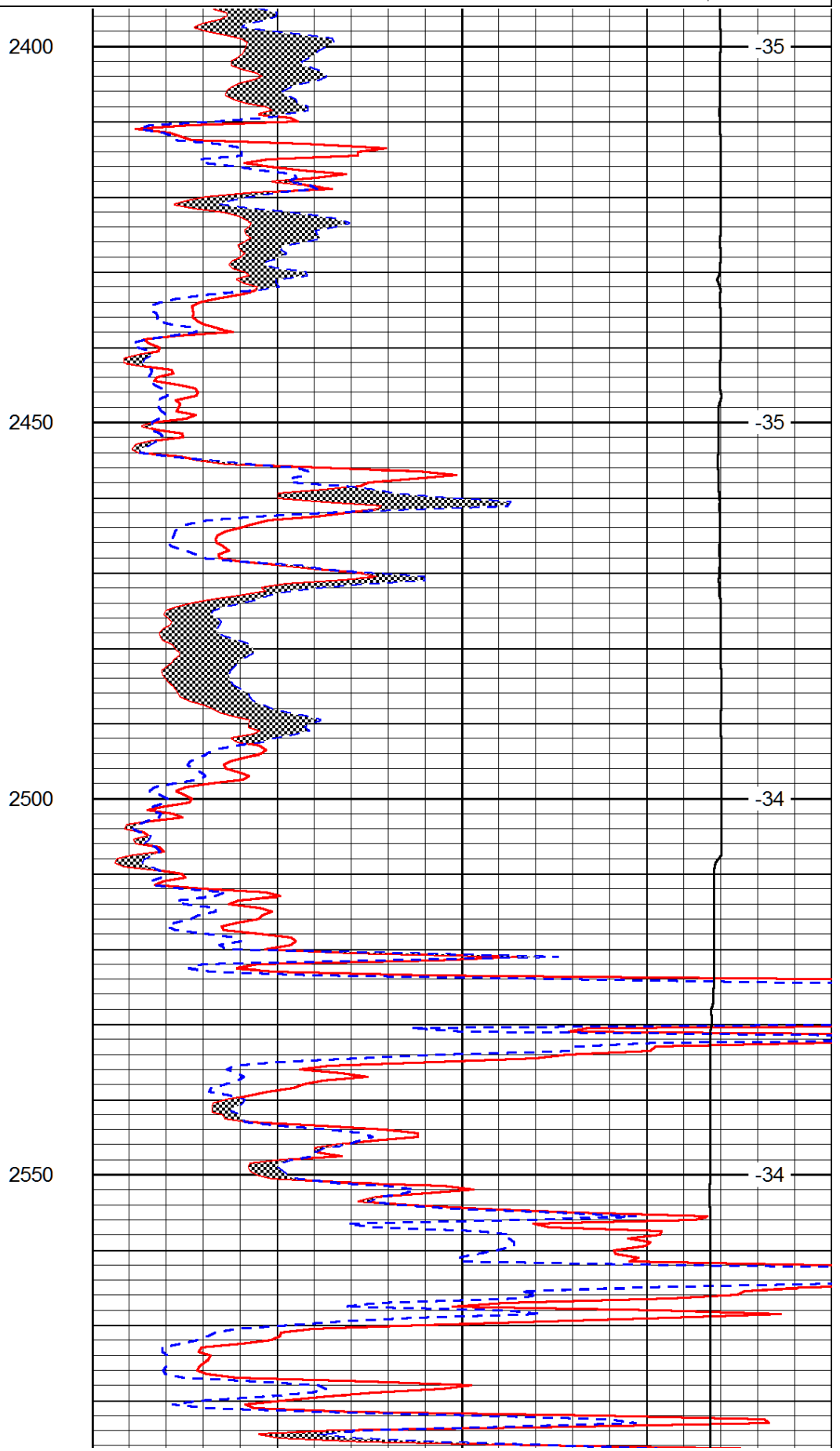
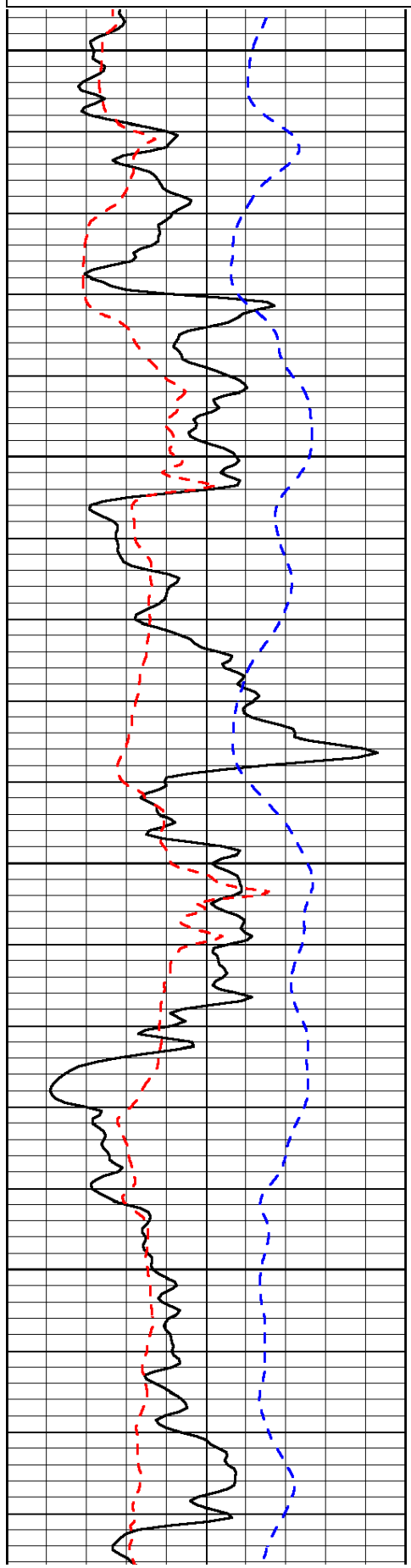
Thank you for using Log-Tech, Inc.
 (785) 625-3858
 Burdett Kansas
 West on 156 HWY to 232 Rd, 1 South, 1 West, 1 South 1, East, South to H Rd,
 2 West, South Into

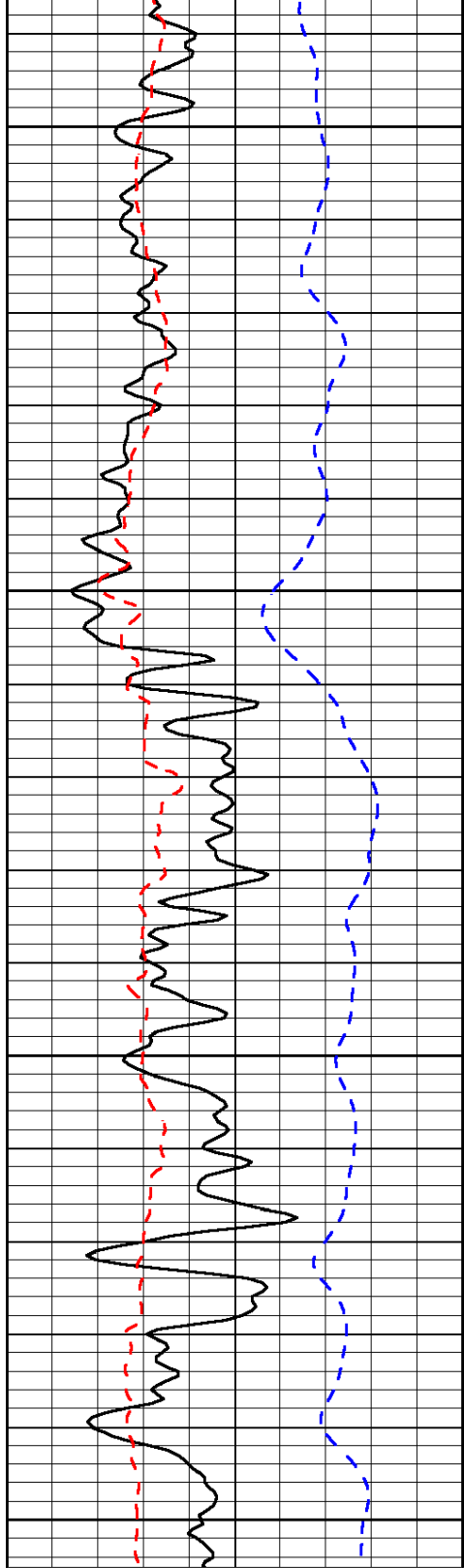
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 Presentation Format: micro
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:240

| | | |
|-------|------------------|-------|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | MCAL (in) | 16 |
| 2.875 | Mud Cake (in) | 7.875 |
| -200 | SP (mV) | 0 |

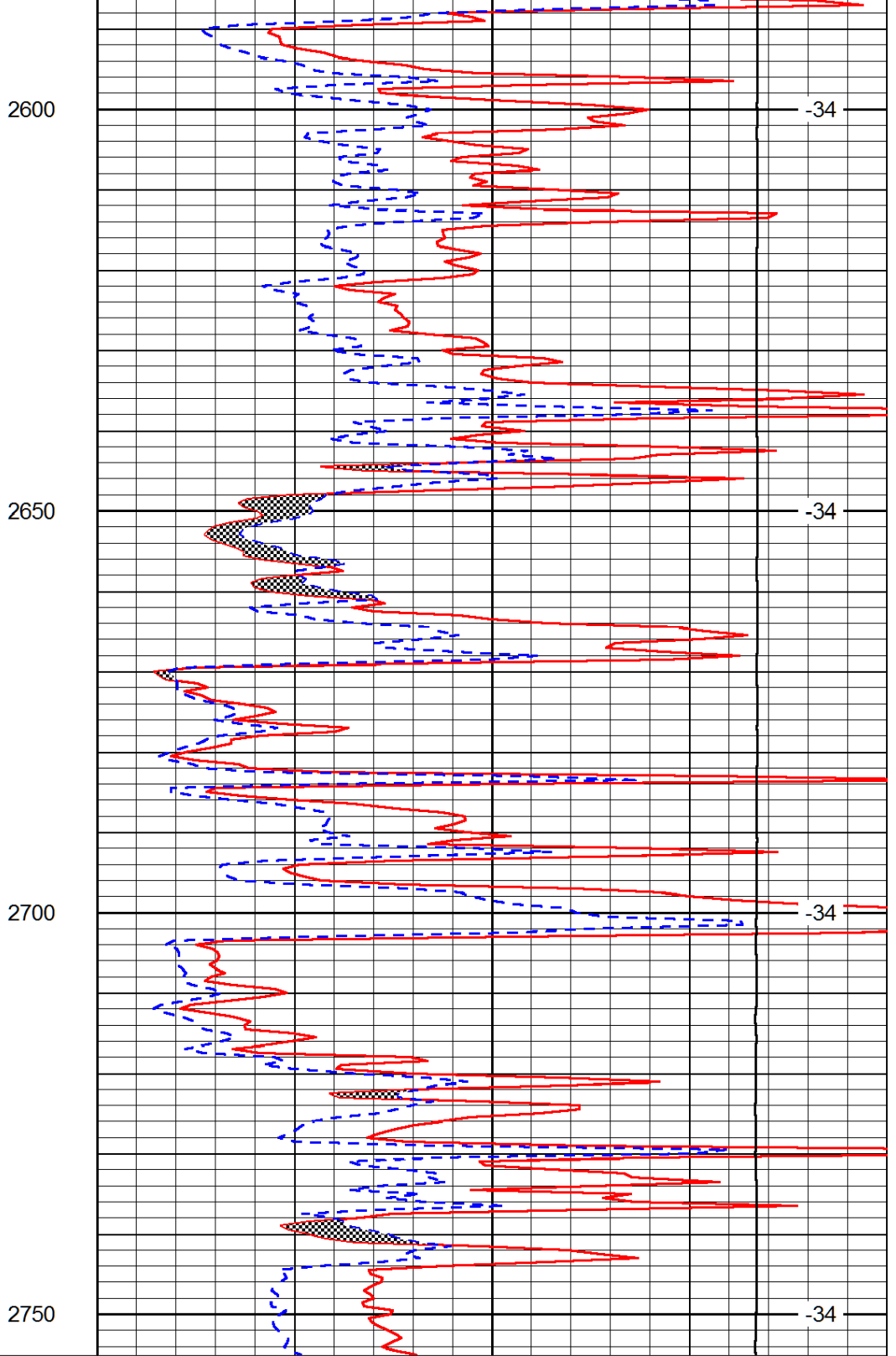
| | | |
|-------|-----------------------------|----|
| 0 | Micro Inverse 1 X 1 (Ohm-m) | 40 |
| 0 | Micro Normal 2" (Ohm-m) | 40 |
| 10000 | Line Weight (lb) | 0 |

LSPD
(ft/min)





| | | |
|-------|------------------|-------|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | MCAL (in) | 16 |
| 2.875 | Mud Cake (in) | 7.875 |
| -200 | SP (mV) | 0 |



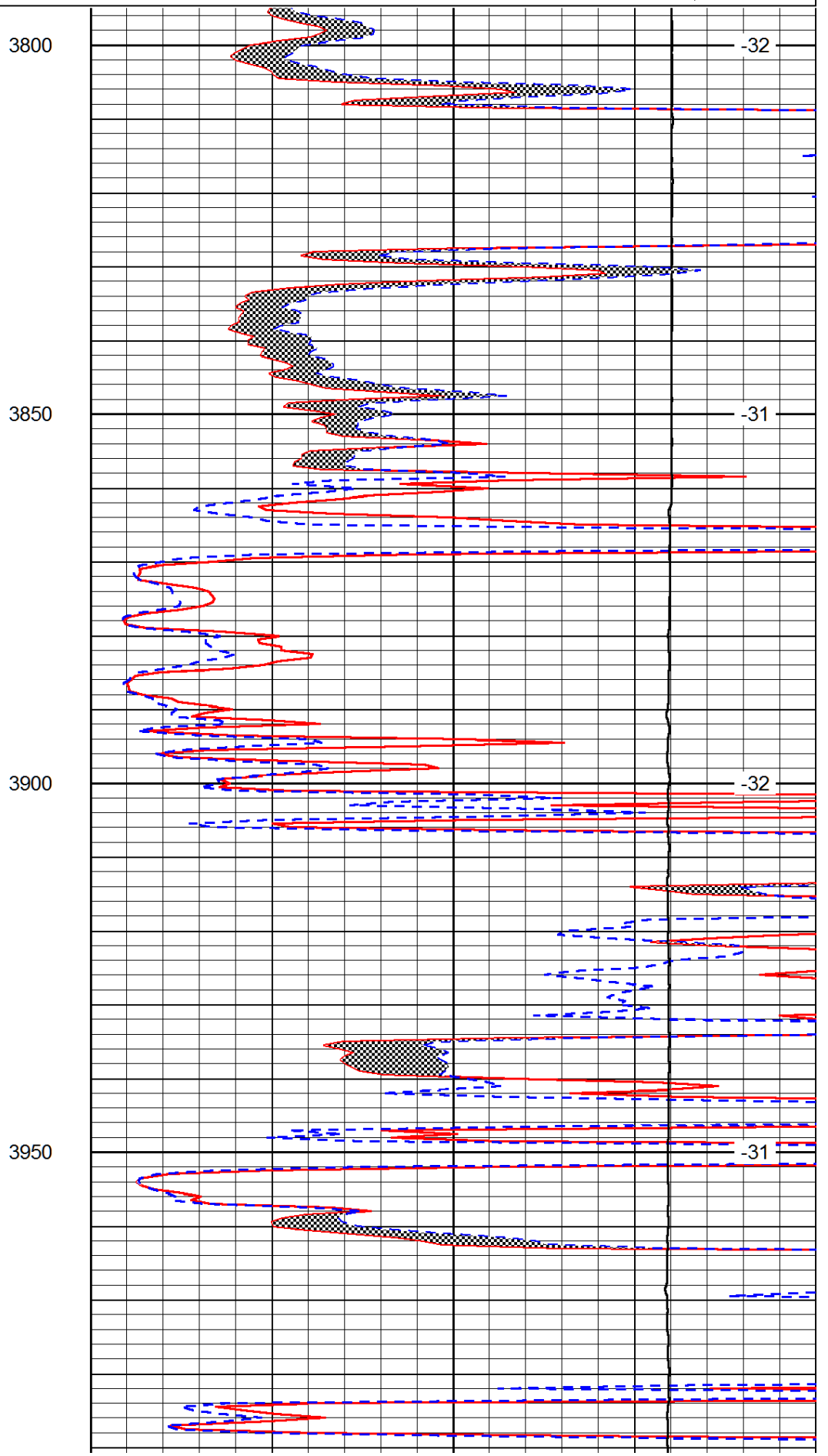
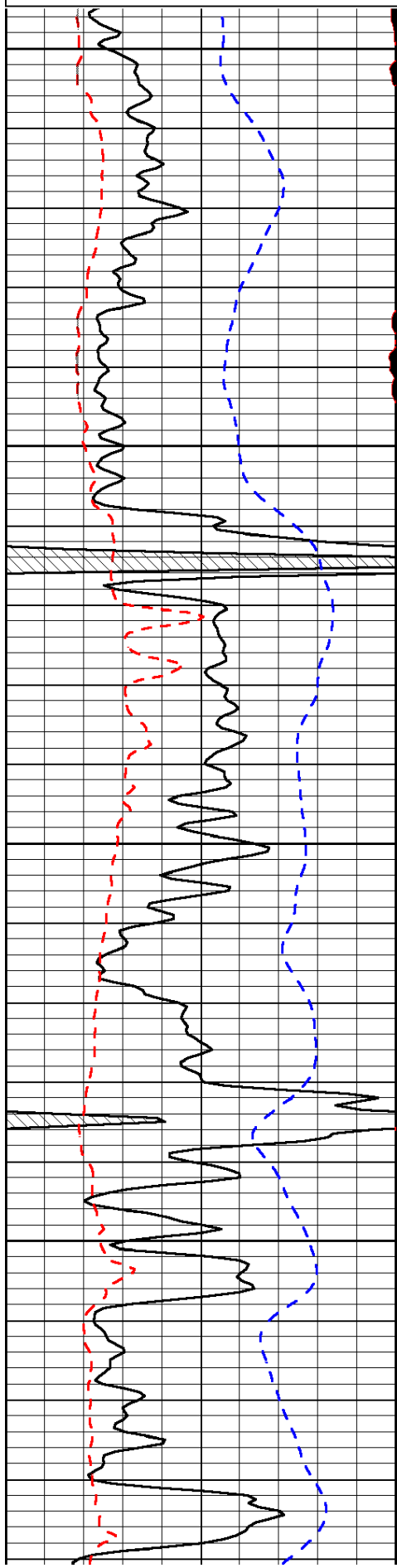
| | | |
|-------|-----------------------------|----|
| 0 | Micro Inverse 1 X 1 (Ohm-m) | 40 |
| 0 | Micro Normal 2" (Ohm-m) | 40 |
| 10000 | Line Weight (lb) | 0 |

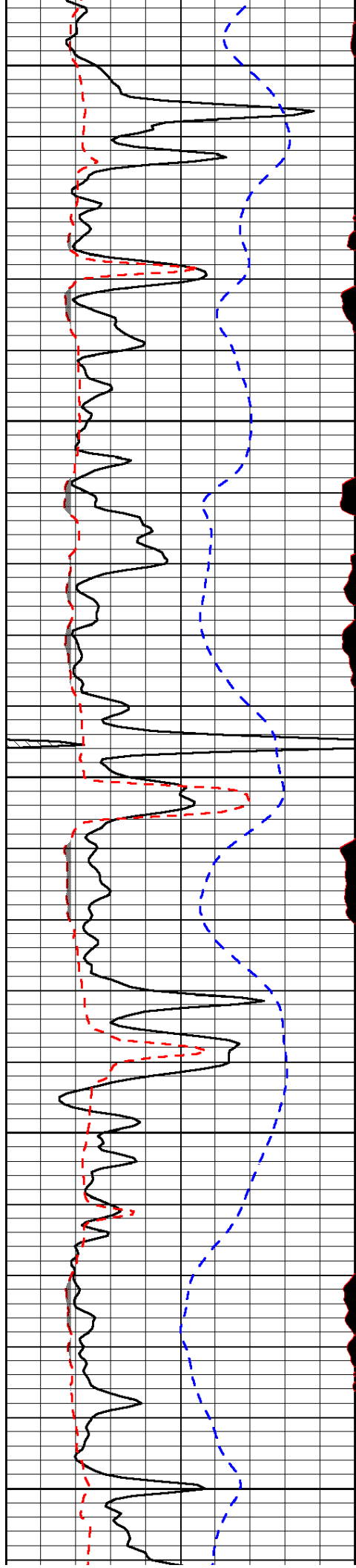
LSPD
(ft/min)

Database File: becker_winter_land_cattle_1hd.db
 Dataset Pathname: DIL/beckstk
 Presentation Format: micro
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:240

| | | |
|-------|------------------|-------|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | MCAL (in) | 16 |
| 2.875 | Mud Cake (in) | 7.875 |
| -200 | SP (mV) | 0 |

| | | |
|-------|-----------------------------|----|
| 0 | Micro Inverse 1 X 1 (Ohm-m) | 40 |
| 0 | Micro Normal 2" (Ohm-m) | 40 |
| 10000 | Line Weight (lb) | 0 |
| | LSPD (ft/min) | |





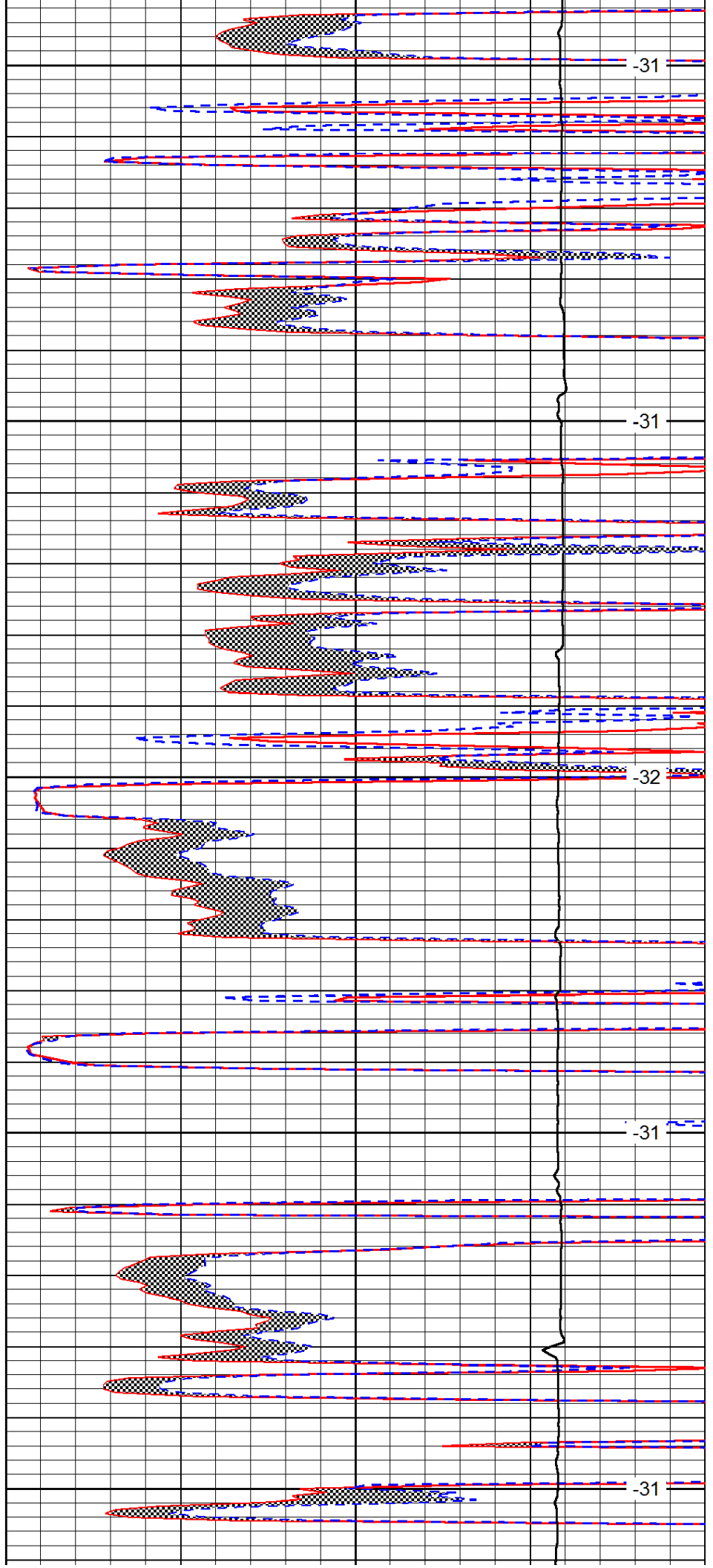
4000

4050

4100

4150

4200



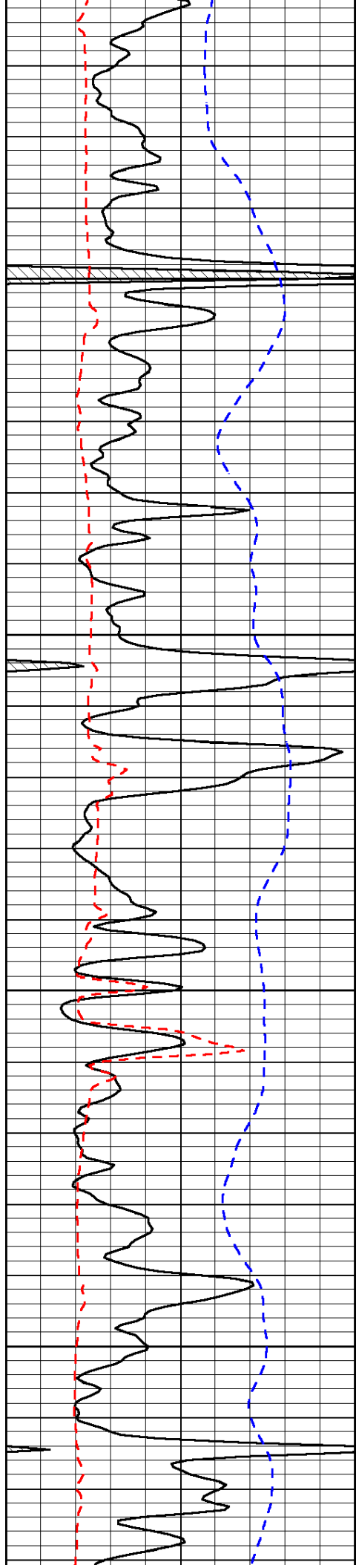
-31

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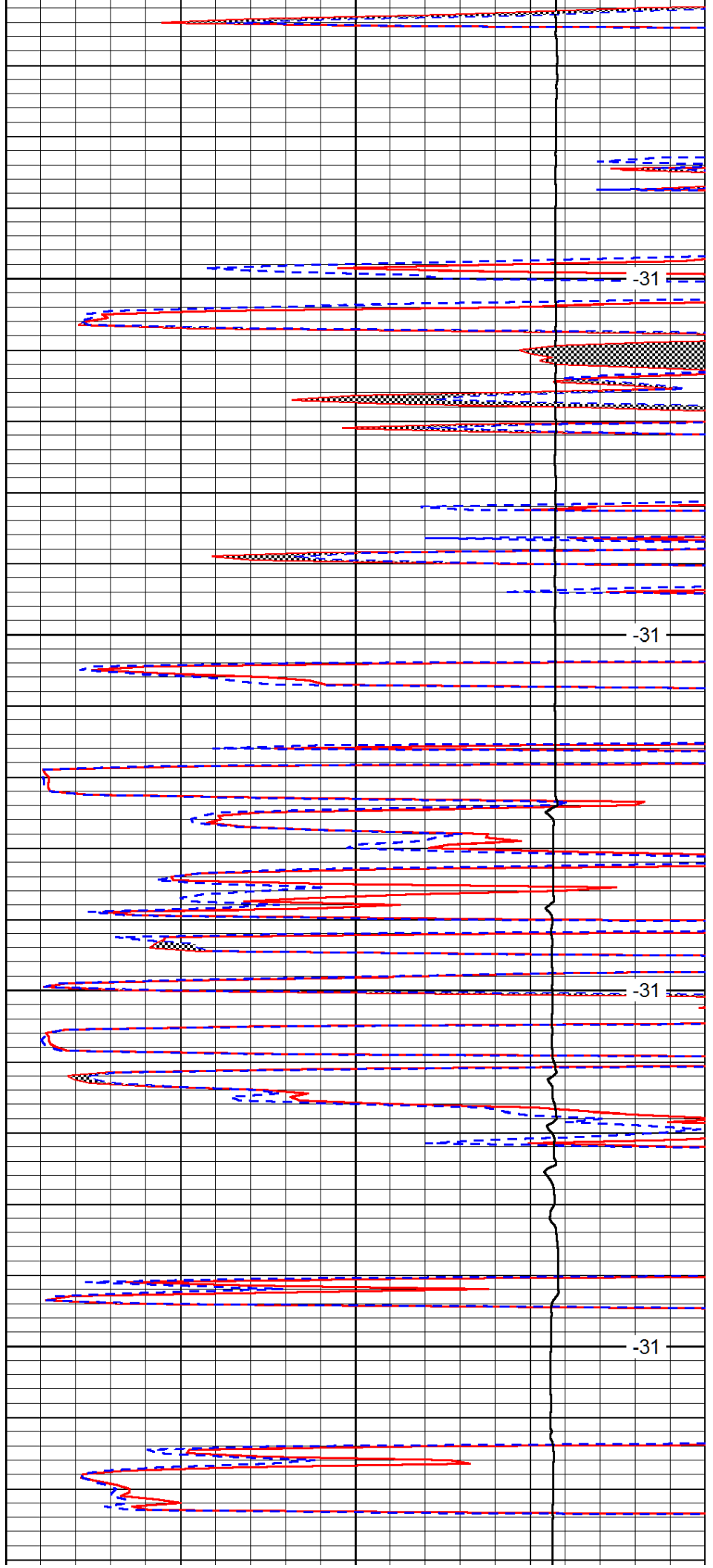


4250

4300

4350

4400

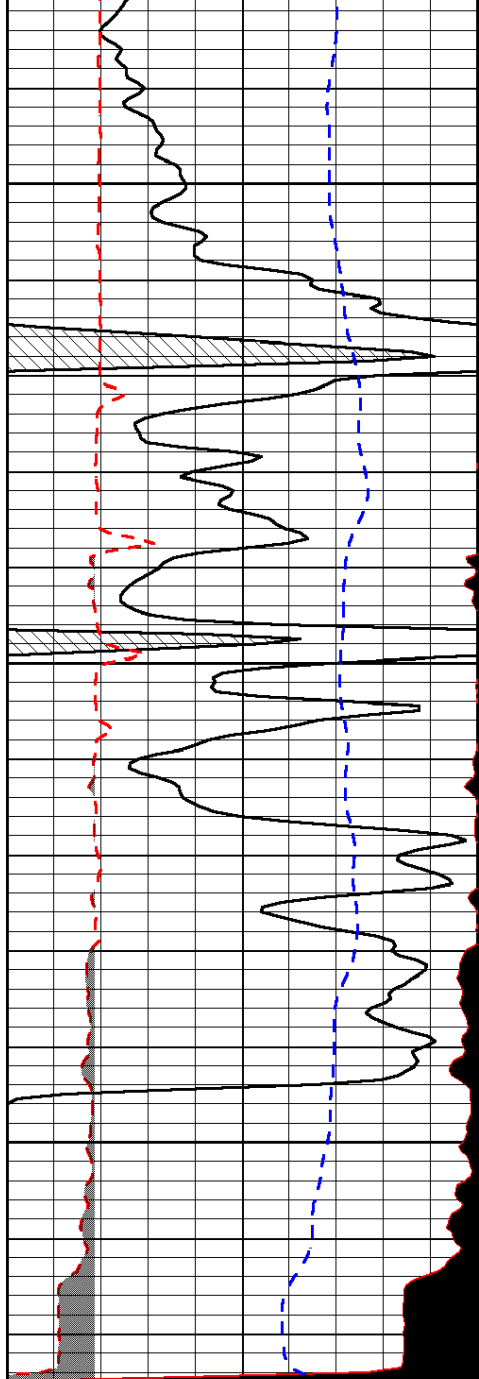


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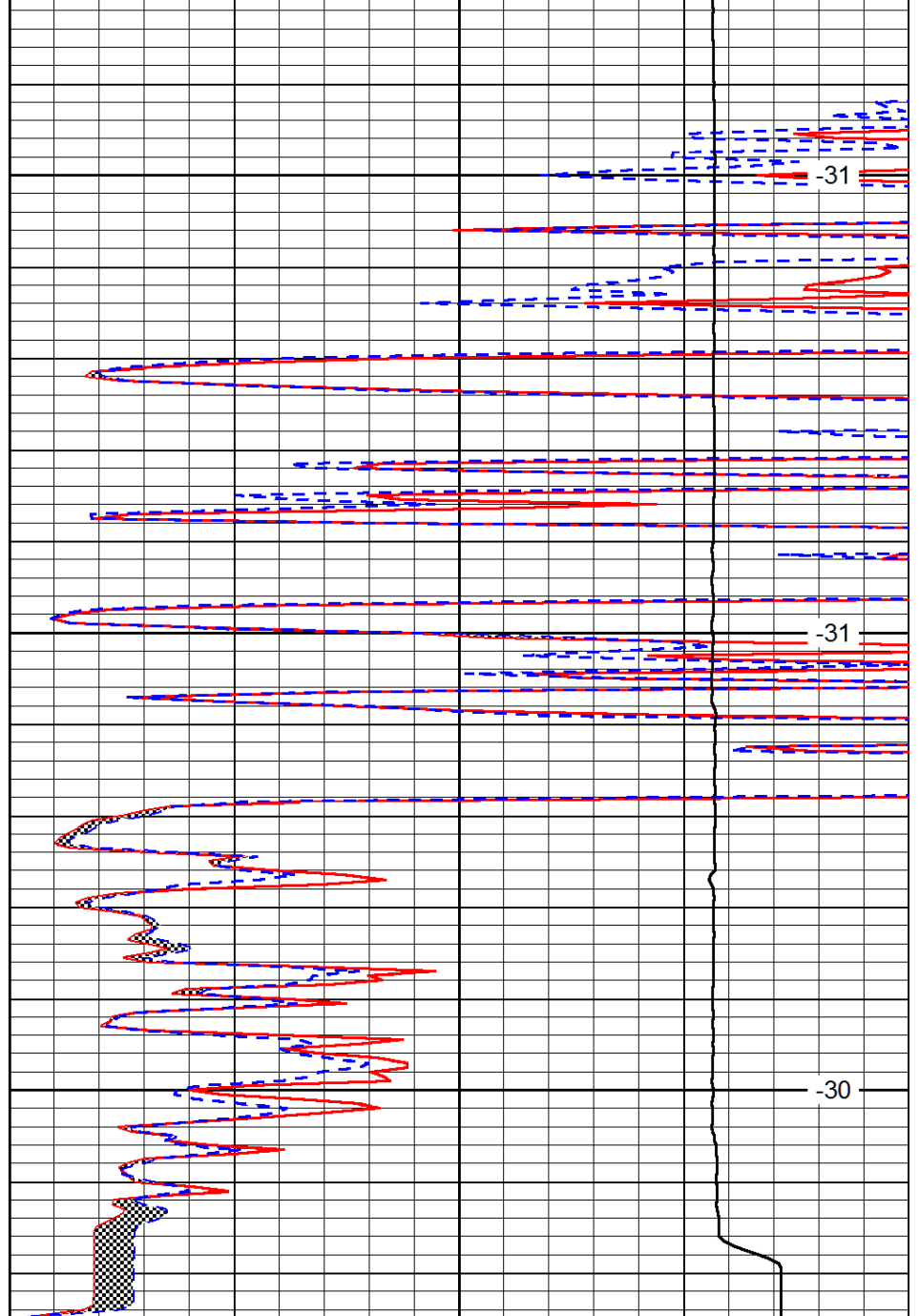


| | | |
|-------|------------------|-------|
| 0 | Gamma Ray (GAPI) | 150 |
| 6 | MCAL (in) | 16 |
| 2.875 | Mud Cake (in) | 7.875 |
| -200 | SP (mV) | 0 |

4450

4500

4550



| | | |
|-------|-----------------------------|----|
| 0 | Micro Inverse 1 X 1 (Ohm-m) | 40 |
| 0 | Micro Normal 2" (Ohm-m) | 40 |
| 10000 | Line Weight (lb) | 0 |

LSPD
(ft/min)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Becker Oil Corporation
 Po Box 1150
 Ponca City OK, 74602
 ATTN: Clyde Becker

36-23s-22w Hodgeman KS
Winter Land Cattle 1
 Job Ticket: 55371 **DST#: 1**
 Test Start: 2013.12.18 @ 14:52:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:19:00
 Time Test Ended: 23:22:00
 Interval: **4310.00 ft (KB) To 4380.00 ft (KB) (TVD)**
 Total Depth: 4380.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2304.00 ft (KB)
 2294.00 ft (CF)
 KB to GR/CF: 10.00 ft

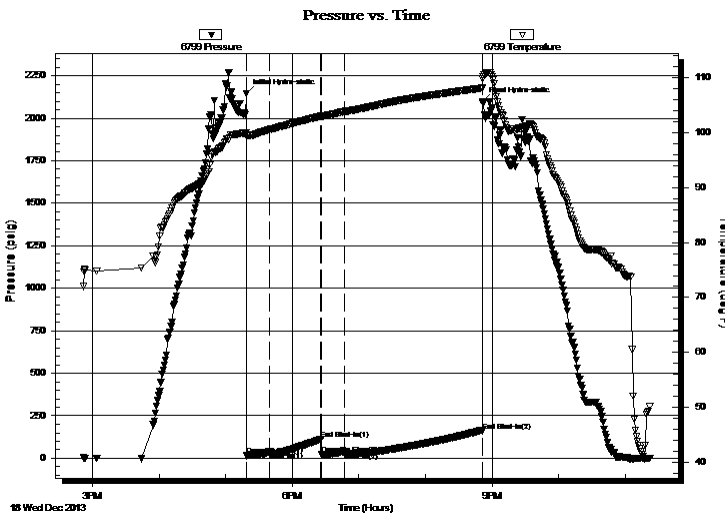
Serial #: 6799

Inside

Press @ Run Depth: 38.16 psig @ 4314.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.18 End Date: 2013.12.18 Last Calib.: 2013.12.18
 Start Time: 14:52:05 End Time: 23:21:59 Time On Btm: 2013.12.18 @ 17:18:45
 Time Off Btm: 2013.12.18 @ 20:51:30

TEST COMMENT: 25 - IF- 1" blow
 45 - IS- No return
 45 - FF- 3.75" blow
 100 - FS- No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2146.16 | 100.01 | Initial Hydro-static |
| 1 | 15.41 | 99.41 | Open To Flow (1) |
| 21 | 40.26 | 100.57 | Shut-In(1) |
| 67 | 112.27 | 103.00 | End Shut-In(1) |
| 68 | 21.68 | 102.98 | Open To Flow (2) |
| 88 | 38.16 | 103.85 | Shut-In(2) |
| 213 | 161.46 | 108.11 | End Shut-In(2) |
| 213 | 2098.78 | 109.80 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 62.00 | WM, 5%W, 95%M | 0.30 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

36-23s-22w Hodgeman KS

Po Box 1150
Ponca City OK, 74602

Winter Land Cattle 1

Job Ticket: 55371 **DST#: 1**

ATTN: Clyde Becker

Test Start: 2013.12.18 @ 14:52:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 16.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 3.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------|----------------|
| 62.00 | WM, 5%W, 95%M | 0.305 |

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

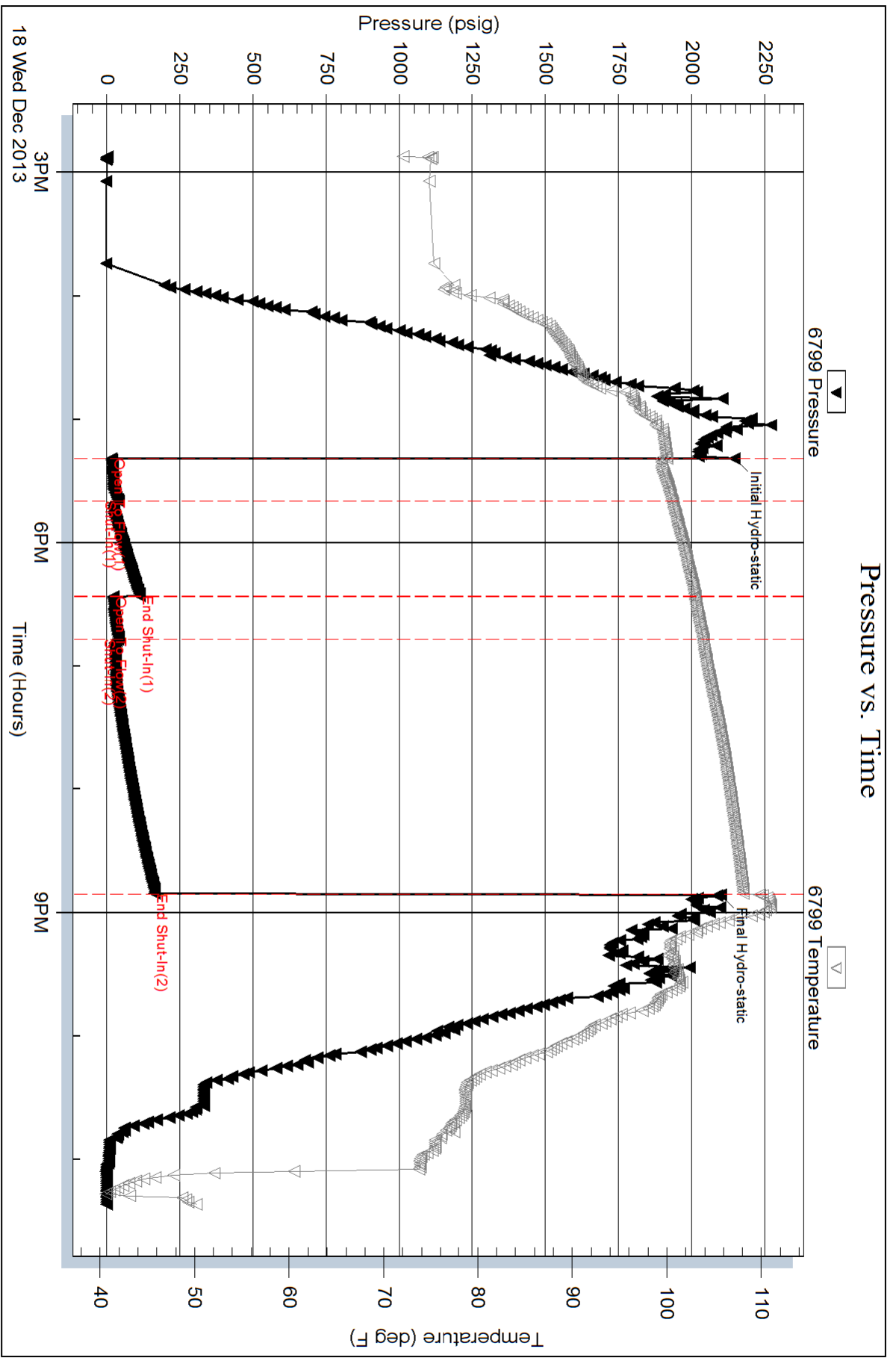
Serial #: 6799

Inside

Becker Oil Corporation

Winter Land Cattle 1

DST Test Number: 1





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Becker Oil Corporation
 Po Box 1150
 Ponca City OK, 74602
 ATTN: Clyde Becker

36-23s-22w Hodgeman KS
Winter Land Cattle 1
 Job Ticket: 55372 **DST#: 2**
 Test Start: 2013.12.19 @ 12:29:00

GENERAL INFORMATION:

Formation: **Mar-Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:30:30
 Time Test Ended: 20:35:30
 Interval: **4460.00 ft (KB) To 4520.00 ft (KB) (TVD)**
 Total Depth: 4520.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2304.00 ft (KB)
 2294.00 ft (CF)
 KB to GR/CF: 10.00 ft

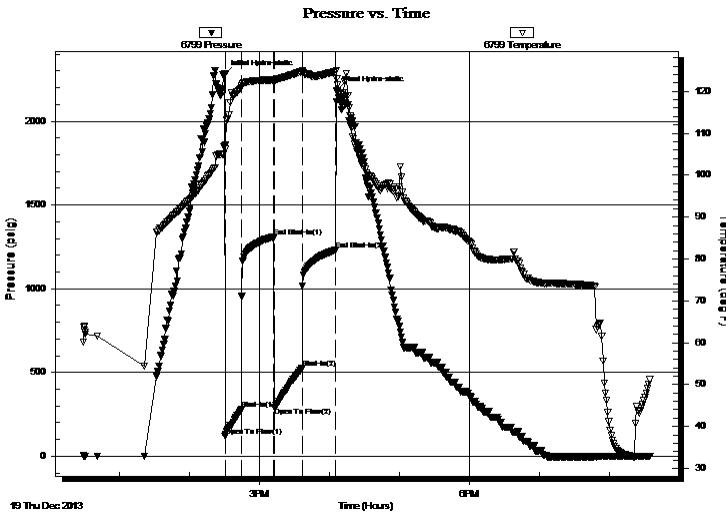
Serial #: 6799

Inside

Press @ Run Depth: 525.53 psig @ 4496.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.19 End Date: 2013.12.19 Last Calib.: 2013.12.19
 Start Time: 12:29:05 End Time: 20:35:29 Time On Btm: 2013.12.19 @ 14:30:15
 Time Off Btm: 2013.12.19 @ 16:06:15

TEST COMMENT: 15 - IF- B.O.B. in 1 minute
 25 - IS- B.O.B. in 1 minute
 FF- B.O.B. in 1 minute
 FS- G.T.S. at bled off

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2278.43 | 106.98 | Initial Hydro-static |
| 1 | 120.61 | 106.14 | Open To Flow (1) |
| 14 | 277.87 | 120.86 | Shut-In(1) |
| 42 | 1307.34 | 122.67 | End Shut-In(1) |
| 43 | 292.15 | 122.21 | Open To Flow (2) |
| 67 | 525.53 | 124.77 | Shut-In(2) |
| 95 | 1230.61 | 124.61 | End Shut-In(2) |
| 96 | 2185.31 | 123.00 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 186.00 | GO, 40%O, 60%G | 1.52 |
| 310.00 | G.I.P. | 4.35 |
| 496.00 | GO, 30%O, 70%G | 6.96 |
| 186.00 | GOCM, 20%O, 40%G, 40%M | 2.61 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|-----------------|------------------|
| | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

36-23s-22w Hodgeman KS

Po Box 1150
Ponca City OK, 74602

Winter Land Cattle 1

Job Ticket: 55372

DST#: 2

ATTN: Clyde Becker

Test Start: 2013.12.19 @ 12:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------|---------------|
| 186.00 | GO, 40%O, 60%G | 1.516 |
| 310.00 | G.I.P. | 4.348 |
| 496.00 | GO, 30%O, 70%G | 6.958 |
| 186.00 | GOCM, 20%O, 40%G, 40%M | 2.609 |

Total Length: 1178.00 ft Total Volume: 15.431 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gas to surface on bleed off of last shut in.

THE 310' of G.I.P. was after the oil unloaded, we had 3 stands with just gas in it.

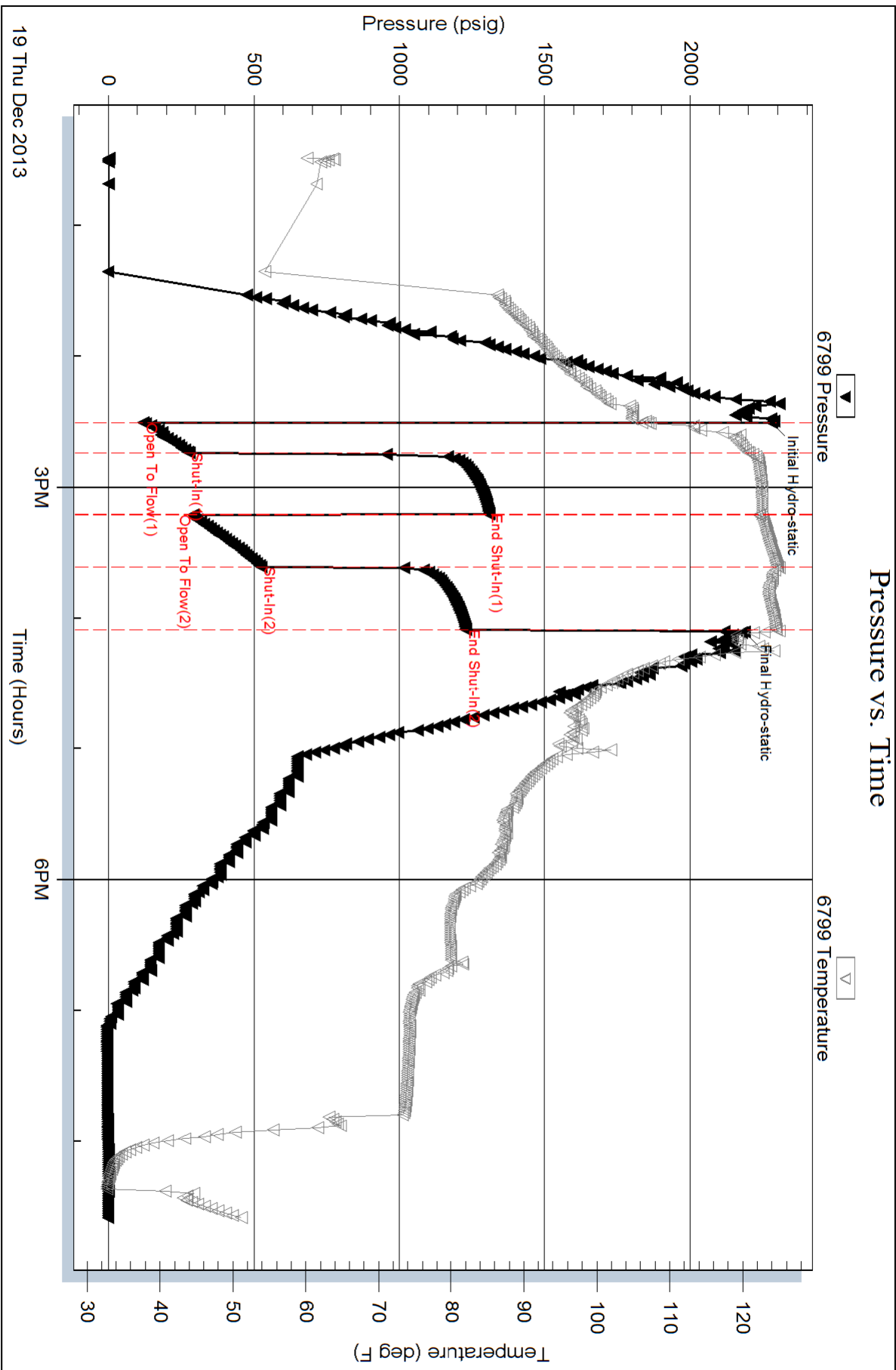
Serial #: 6799

Inside

Becker Oil Corporation

Winter Land Cattle 1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55372

Printed: 2013.12.20 @ 01:53:28

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

July 22, 2014

Clyde M. Bcker, Jr.
Becker Oil Corporation
PO BOX 1150
PONCA CITY, OK 74602-1150

Re: ACO-1
API 15-083-21900-00-00
Winter Land and Cattle 1
SE/4 Sec.36-23S-22W
Hodgeman County, Kansas

Dear Clyde M. Bcker, Jr.:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/13/2013 and the ACO-1 was received on April 15, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department