



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1226204
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
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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: _____



1226204

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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> _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Bengalia Land and Cattle Company**

PO Box 521008
Tulsa, Oklahoma
74152+1008

ATTN:

Myles McGehee #1-7

7/25S/30W/Gray

Start Date: 2014.05.31 @ 11:30:00

End Date: 2014.05.31 @ 23:22:30

Job Ticket #: 18266 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2014.05.31 @ 23:50:41



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18266

DST#: 1

Test Start: 2014.05.31 @ 11:30:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:45:00

Time Test Ended: 23:22:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: 4408.00 ft (KB) To 4435.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749

Inside

Press@RunDepth: 838.21 psig @ 4431.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.31

End Date: 2014.05.31

Last Calib.: 2014.05.31

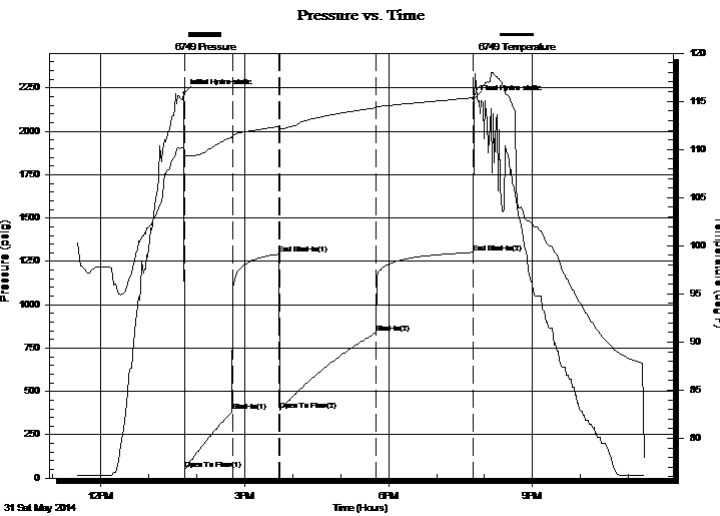
Start Time: 11:30:00

End Time: 23:22:30

Time On Btm: 2014.05.31 @ 13:44:00

Time Off Btm: 2014.05.31 @ 19:46:30

TEST COMMENT: 1ST Open 60 Minutes/Good blow /Blow built to bottom of bucket in 9 minutes 30 seconds
 1ST Shut In 60 Minutes/No blow back
 2ND Open 120 Minutes/Good blow /Blow built to bottom of bucket in 11 minutes/Weak gas to surface 60 min
 2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.44	110.04	Initial Hydro-static
1	53.41	109.42	Open To Flow (1)
61	384.18	111.28	Shut-In(1)
119	1292.77	112.41	End Shut-In(1)
120	389.82	112.22	Open To Flow (2)
240	838.21	114.33	Shut-In(2)
362	1302.08	115.38	End Shut-In(2)
363	2185.92	115.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1736.00	Gas cut Muddy Water w/oil scum in tool	24.35
0.00	Gas 5% Mud 15% Water 80%	0.00
0.00	Recov. Chlorides 48,000 ppm	0.00
0.00	Recov. Resist. .20 ohms @ 76 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18266 **DST#: 1**

Test Start: 2014.05.31 @ 11:30:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:45:00

Time Test Ended: 23:22:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: **4408.00 ft (KB) To 4435.00 ft (KB) (TVD)**

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4435.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8938 Outside

Press@RunDepth: 1301.41 psig @ 4432.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.05.31

End Date: 2014.05.31

Last Calib.: 2014.05.31

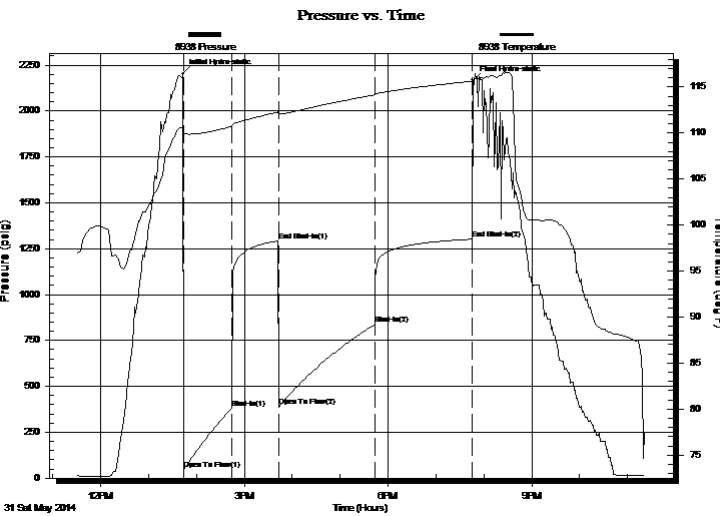
Start Time: 11:30:00

End Time: 23:22:30

Time On Btm: 2014.05.31 @ 13:43:00

Time Off Btm: 2014.05.31 @ 19:46:00

TEST COMMENT: 1ST Open 60 Minutes/Good blow /Blow built to bottom of bucket in 9 minutes 30 seconds
 1ST Shut In 60 Minutes/No blow back
 2ND Open 120 Minutes/Good blow /Blow built to bottom of bucket in 11 minutes/Weak gas to surface 60 min
 2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.20	110.53	Initial Hydro-static
1	49.95	110.00	Open To Flow (1)
61	382.10	110.71	Shut-In(1)
120	1292.16	112.29	End Shut-In(1)
121	389.29	112.08	Open To Flow (2)
241	837.26	114.15	Shut-In(2)
362	1301.41	115.63	End Shut-In(2)
363	2165.82	115.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1736.00	Gas cut Muddy Water w/oil scum in tool	24.35
0.00	Gas 5% Mud 15% Water 80%	0.00
0.00	Recov. Chlorides 48,000 ppm	0.00
0.00	Recov. Resist. .20 ohms @ 76 deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18266

DST#: 1

Test Start: 2014.05.31 @ 11:30:00

Tool Information

Drill Pipe:	Length: 4406.00 ft	Diameter: 3.80 inches	Volume: 61.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 61.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	4408.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale packer used

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4386.00	
Hydraulic tool	5.00			4391.00	
Jars	5.00			4396.00	
Safety Joint	2.00			4398.00	
Packer	5.00			4403.00	27.00 Bottom Of Top Packer
Packer	5.00			4408.00	
Anchor	22.00			4430.00	
Recorder	1.00	6749	Inside	4431.00	
Recorder	1.00	8938	Outside	4432.00	
Bullnose	3.00			4435.00	27.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18266 **DST#: 1**

Test Start: 2014.05.31 @ 11:30:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 8.00 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

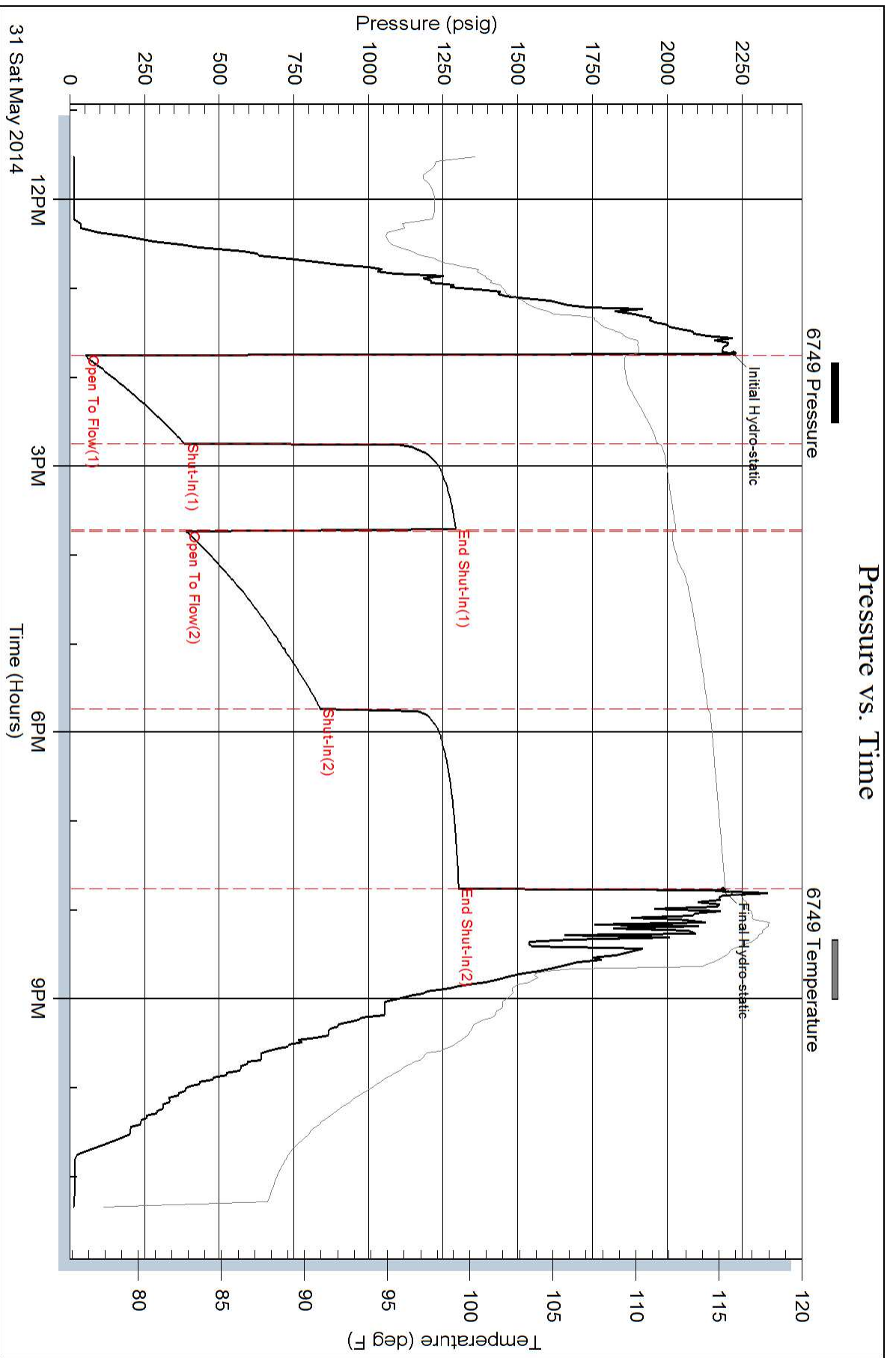
Recovery Table

Length ft	Description	Volume bbl
1736.00	Gas cut Muddy Water w/oil scum in tool	24.352
0.00	Gas 5% Mud 15% Water 80%	0.000
0.00	Recov. Chlorides 48,000 ppm	0.000
0.00	Recov. Resist. .20 ohms @ 76 deg	0.000

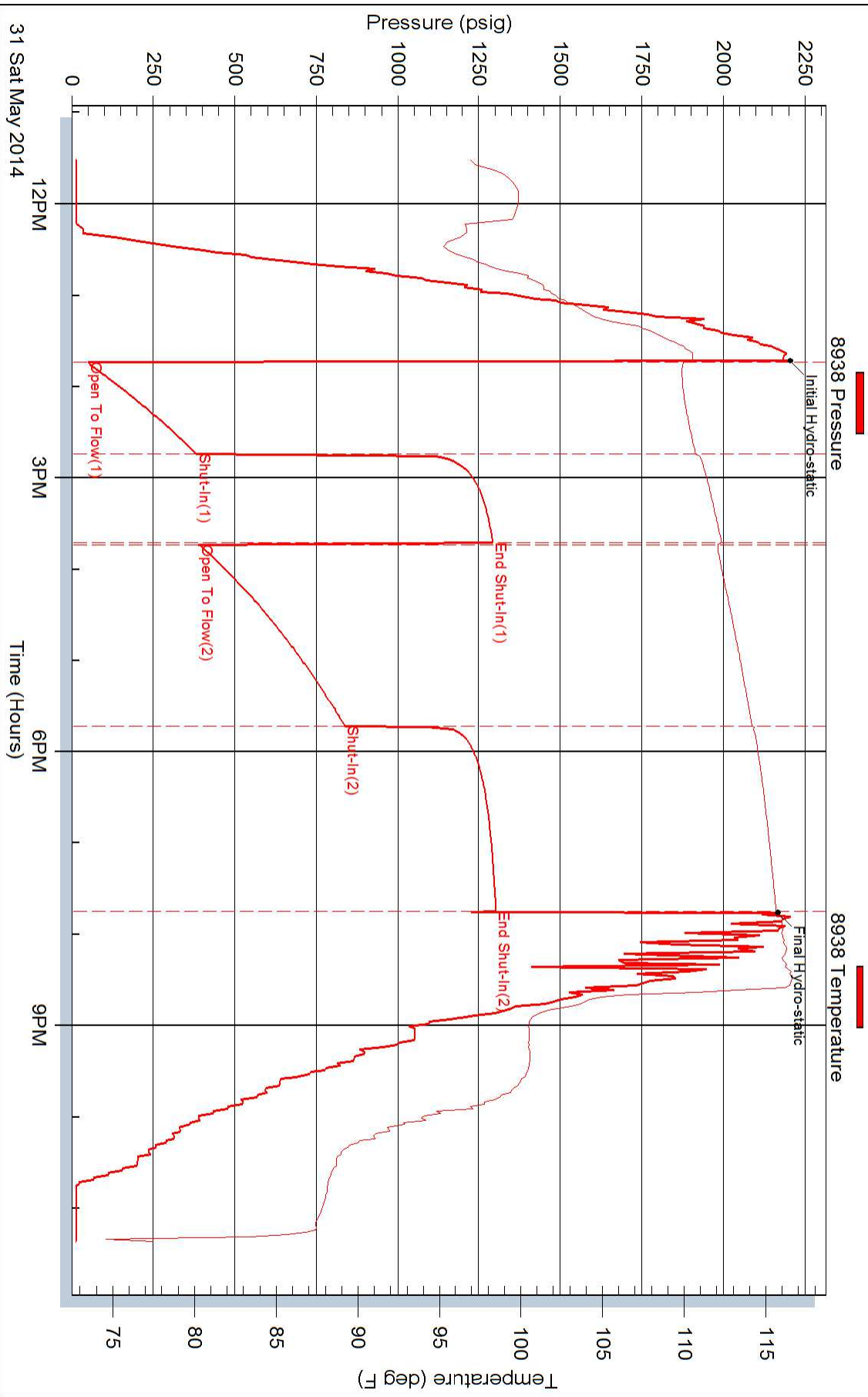
Total Length: 1736.00 ft Total Volume: 24.352 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bengalia Land and Cattle Company**

PO Box 521008
Tulsa, Oklahoma
74152+1008

ATTN:

Myles McGehee #1-7

7/25S/30W/Gray

Start Date: 2014.06.02 @ 17:51:00

End Date: 2014.06.03 @ 04:22:00

Job Ticket #: 18267 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2014.06.03 @ 04:36:29



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18267

DST#: 2

Test Start: 2014.06.02 @ 17:51:00

GENERAL INFORMATION:

Formation: **Morrow/Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:30

Time Test Ended: 04:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: 4770.00 ft (KB) To 4873.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4873.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749

Inside

Press@RunDepth: 123.07 psig @ 4869.23 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.06.02

End Date:

2014.06.03

Last Calib.:

2014.06.03

Start Time:

17:51:00

End Time:

04:22:00

Time On Btm:

2014.06.02 @ 19:57:00

Time Off Btm:

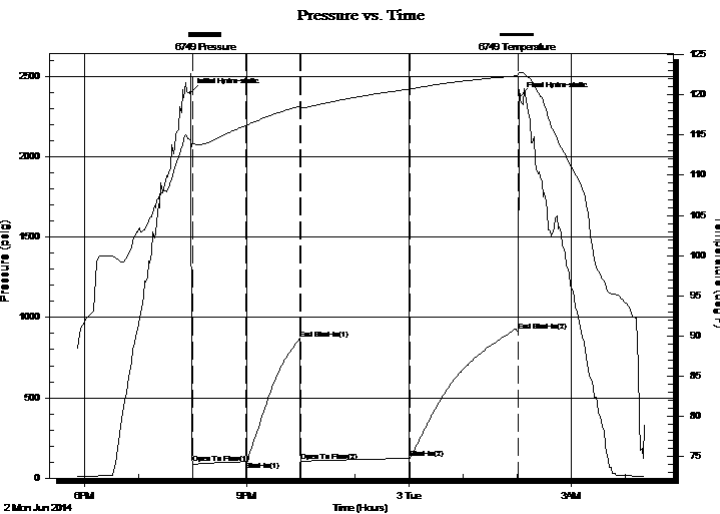
2014.06.03 @ 02:03:00

TEST COMMENT: 1ST Open 60 Minutes/Good blow/Blow built to bottom of bucket in 8 minutes

1ST Shut In 60 Minutes/No blow back

2ND Open 120 Minutes/Strong blow/Blow built to bottom of bucket in 1 minute then slow ed to slow build

2ND Shut In 120 Minutes/Surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2395.36	114.29	Initial Hydro-static
3	89.28	114.13	Open To Flow (1)
63	102.02	116.19	Shut-In(1)
122	868.55	118.56	End Shut-In(1)
123	103.35	118.38	Open To Flow (2)
244	123.07	120.71	Shut-In(2)
364	916.18	122.36	End Shut-In(2)
366	2376.49	122.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2230 feet of gas in pipe	0.00
45.00	Clean gassy Oil/Gas 40% Oil 60%	0.63
65.00	Gas cut Oily Mud/Gas 5% Oil 20% Mud	7:0.91

Gas Rates

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



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18267

DST#: 2

Test Start: 2014.06.02 @ 17:51:00

GENERAL INFORMATION:

Formation: **Morrow/Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:30

Time Test Ended: 04:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: 4770.00 ft (KB) To 4873.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4873.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8938 Outside

Press@RunDepth: 915.55 psig @ 4870.23 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.06.02

End Date: 2014.06.03

Last Calib.: 2014.06.03

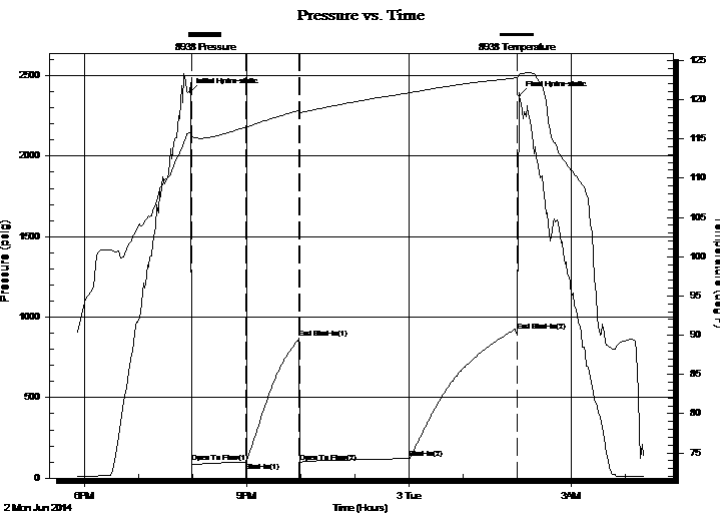
Start Time: 17:51:00

End Time: 04:21:30

Time On Btm: 2014.06.02 @ 19:56:30

Time Off Btm: 2014.06.03 @ 02:02:30

TEST COMMENT: 1ST Open 60 Minutes/Good blow/Blow built to bottom of bucket in 8 minutes
 1ST Shut In 60 Minutes/No blow back
 2ND Open 120 Minutes/Strong blow/Blow built to bottom of bucket in 1 minute then slow ed to slow build
 2ND Shut In 120 Minutes/Surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2395.42	115.76	Initial Hydro-static
2	98.69	114.76	Open To Flow (1)
62	100.65	116.47	Shut-In(1)
122	868.05	118.60	End Shut-In(1)
123	100.33	118.40	Open To Flow (2)
244	122.28	120.85	Shut-In(2)
364	915.55	122.77	End Shut-In(2)
366	2374.65	123.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2230 feet of gas in pipe	0.00
45.00	Clean gassy Oil/Gas 40% Oil 60%	0.63
65.00	Gas cut Oily Mud/Gas 5% Oil 20% Mud	7:0.91

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18267

DST#: 2

Test Start: 2014.06.02 @ 17:51:00

Tool Information

Drill Pipe:	Length: 4750.00 ft	Diameter: 3.80 inches	Volume: 66.63 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 66.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4770.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	103.23 ft			
Tool Length:	131.23 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale packer used

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4747.00	
Hydraulic tool	5.00			4752.00	
Jars	6.00			4758.00	
Safety Joint	2.00			4760.00	
Top Packer	5.00			4765.00	
Packer	5.00			4770.00	28.00 Bottom Of Top Packer
Anchor	6.00			4776.00	
Change Over Sub	0.75			4776.75	
Drill Pipe	61.73			4838.48	
Change Over Sub	0.75			4839.23	
Anchor	29.00			4868.23	
Recorder	1.00	6749	Inside	4869.23	
Recorder	1.00	8938	Outside	4870.23	
Bullnose	3.00			4873.23	103.23 Anchor Tool

Total Tool Length: 131.23



DRILL STEM TEST REPORT

FLUID SUMMARY

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18267

DST#: 2

Test Start: 2014.06.02 @ 17:51:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 8.80 in³
Resistivity: ohm.m
Salinity: 4800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2230 feet of gas in pipe	0.000
45.00	Clean gassy Oil/Gas 40% Oil 60%	0.631
65.00	Gas cut Oily Mud/Gas 5% Oil 20% Mud 75%	0.912

Total Length: 110.00 ft Total Volume: 1.543 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

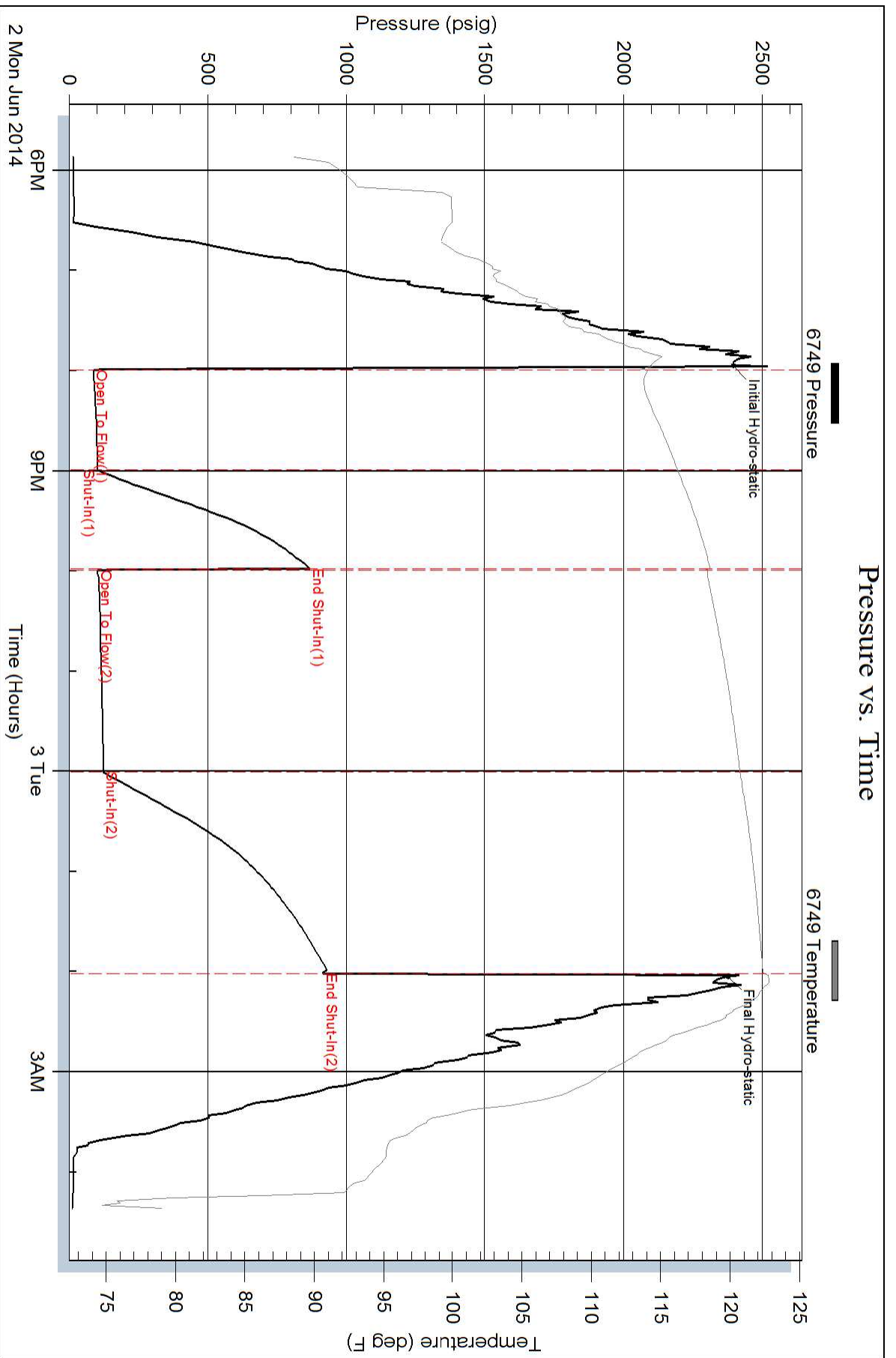
Serial #:

Laboratory Name:

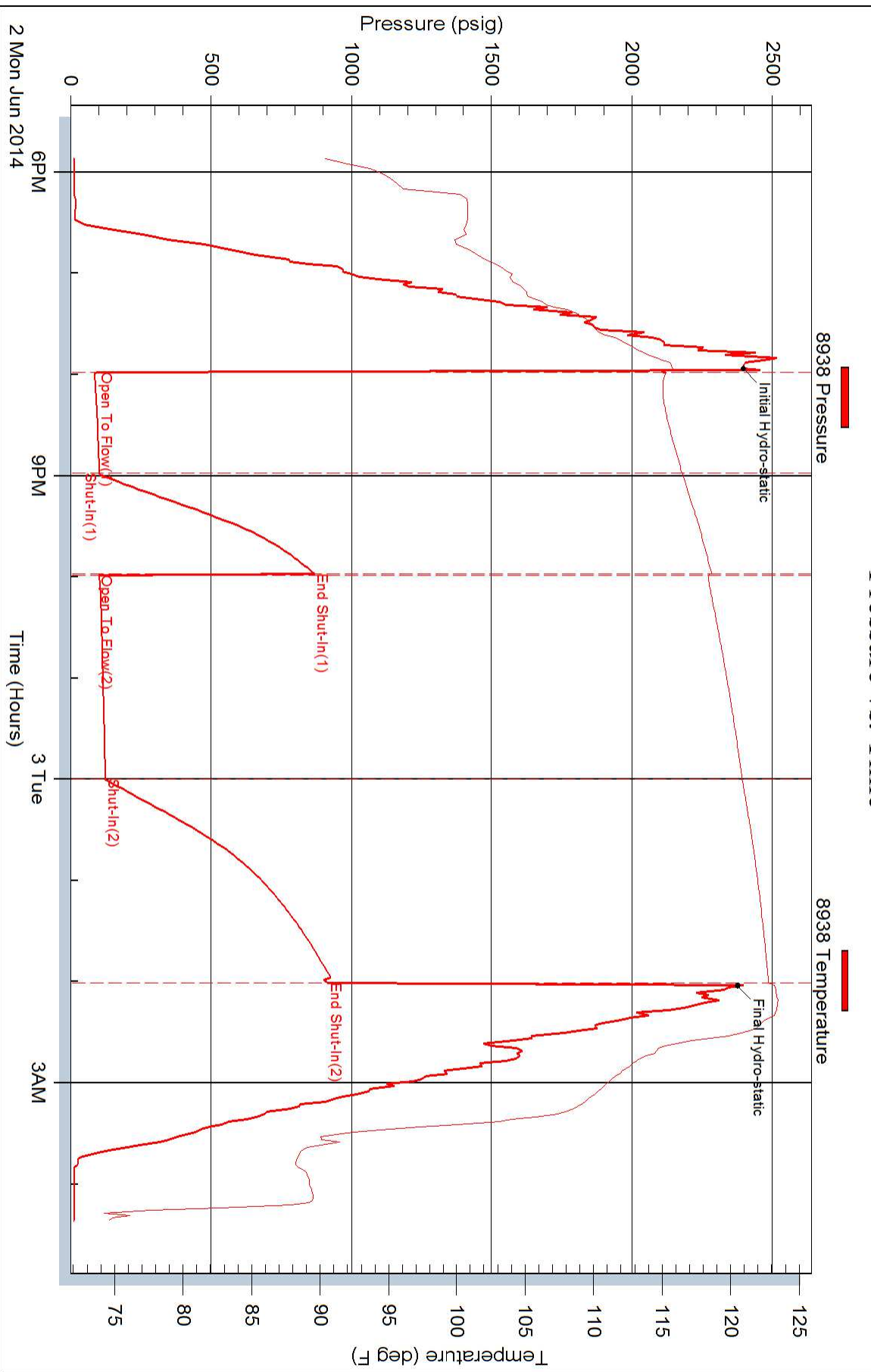
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bengalia Land and Cattle Company**

PO Box 521008
Tulsa, Oklahoma
74152+1008

ATTN:

Myles McGehee #1-7

7/25S/30W/Gray

Start Date: 2014.06.03 @ 17:56:00

End Date: 2014.06.04 @ 03:58:00

Job Ticket #: 18268 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2014.06.04 @ 04:10:45

Bengalia Land and Cattle Company

7/25S/30W/Gray

Myles McGehee #1-7

DST # 3

St Genevieve

2014.06.03



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18268 **DST#: 3**
Test Start: 2014.06.03 @ 17:56:00

GENERAL INFORMATION:

Formation: **St Genevieve**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:00

Time Test Ended: 03:58:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: 4867.00 ft (KB) To 4946.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4946.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749

Inside

Press@RunDepth: 94.68 psig @ 4942.57 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.06.03

End Date:

2014.06.04

Last Calib.: 2014.06.04

Start Time: 17:56:00

End Time:

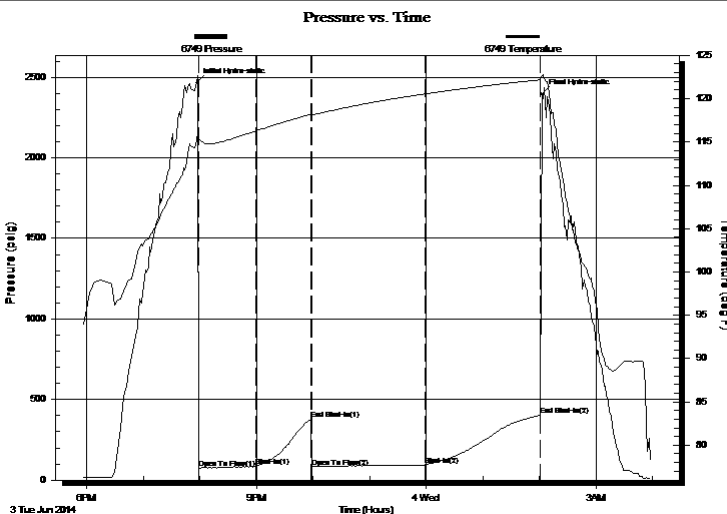
03:58:00

Time On Btm: 2014.06.03 @ 19:57:00

Time Off Btm: 2014.06.04 @ 02:02:30

TEST COMMENT: 1ST Open 60 Minutes/Weak blow/Blow built to 3 inches
1ST Shut In 60 Minutes/No blow back
2ND Open 120 Minutes/Dead no blow
2ND Shut In 120 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2464.92	115.12	Initial Hydro-static
2	73.81	115.40	Open To Flow (1)
63	84.84	116.28	Shut-In(1)
121	375.41	118.18	End Shut-In(1)
122	82.01	118.13	Open To Flow (2)
242	94.68	120.55	Shut-In(2)
364	402.36	122.16	End Shut-In(2)
366	2395.96	122.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Lightly oil spotted Mud/Mud 100%	0.63

Gas Rates

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



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18268 **DST#: 3**

Test Start: 2014.06.03 @ 17:56:00

GENERAL INFORMATION:

Formation: **St Genevieve**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:59:00

Time Test Ended: 03:58:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: 4867.00 ft (KB) To 4946.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4946.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8938 Outside

Press@RunDepth: 401.01 psig @ 4943.57 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.06.03

End Date: 2014.06.04

Last Calib.: 2014.06.04

Start Time: 17:56:00

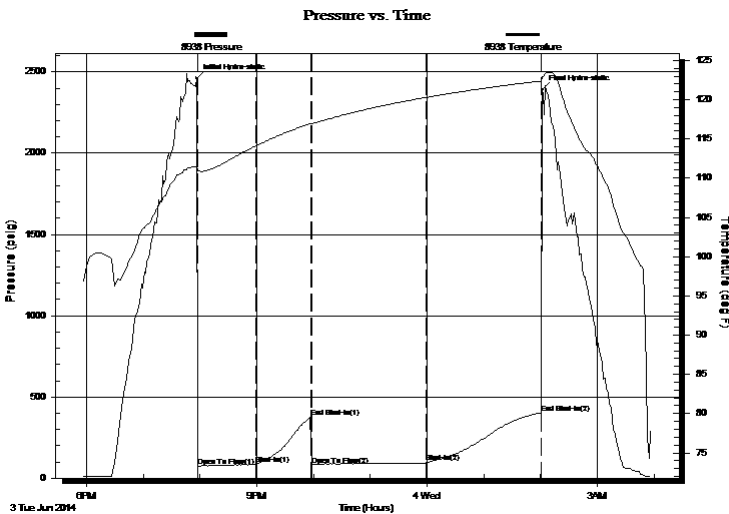
End Time: 03:57:30

Time On Btm: 2014.06.03 @ 19:56:30

Time Off Btm: 2014.06.04 @ 02:02:00

TEST COMMENT: 1ST Open 60 Minutes/Weak blow/Blow built to 3 inches
1ST Shut In 60 Minutes/No blow back
2ND Open 120 Minutes/Dead no blow
2ND Shut In 120 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2461.48	111.53	Initial Hydro-static
2	72.72	110.97	Open To Flow (1)
62	83.91	114.07	Shut-In(1)
121	374.33	116.97	End Shut-In(1)
122	80.65	116.92	Open To Flow (2)
243	95.90	120.29	Shut-In(2)
365	401.01	122.37	End Shut-In(2)
366	2389.70	122.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Lightly oil spotted Mud/Mud 100%	0.63

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18268

DST#: 3

Test Start: 2014.06.03 @ 17:56:00

Tool Information

Drill Pipe:	Length: 4844.00 ft	Diameter: 3.80 inches	Volume: 67.95 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
			Total Volume: 67.95 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4867.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.57 ft			
Tool Length:	107.57 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale packer used
Replace damaged shale packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4844.00	
Hydraulic tool	5.00			4849.00	
Jars	6.00			4855.00	
Safety Joint	2.00			4857.00	
Top Packer	5.00			4862.00	
Packer	5.00			4867.00	28.00 Bottom Of Top Packer
Anchor	6.00			4873.00	
Change Over Sub	0.75			4873.75	
Drill Pipe	31.07			4904.82	
Change Over Sub	0.75			4905.57	
Anchor	36.00			4941.57	
Recorder	1.00	6749	Inside	4942.57	
Recorder	1.00	8938	Outside	4943.57	
Bullnose	3.00			4946.57	79.57 Anchor Tool

Total Tool Length: 107.57



DRILL STEM TEST REPORT

FLUID SUMMARY

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18268

DST#: 3

Test Start: 2014.06.03 @ 17:56:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 68.00 sec/qt

Water Loss: 8.80 in³

Resistivity: ohm.m

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Lightly oil spotted Mud/Mud 100%	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

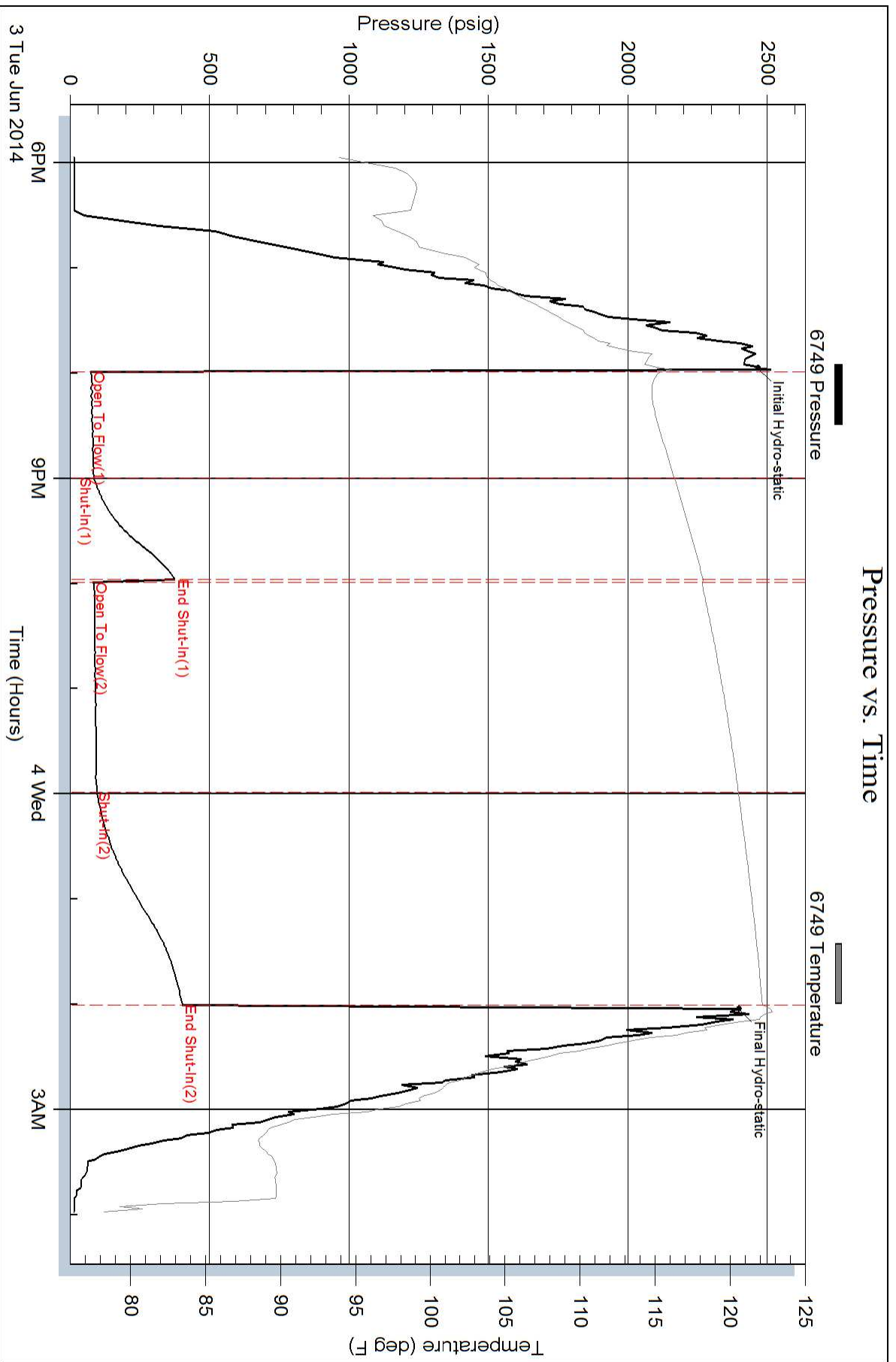
Serial #:

Laboratory Name:

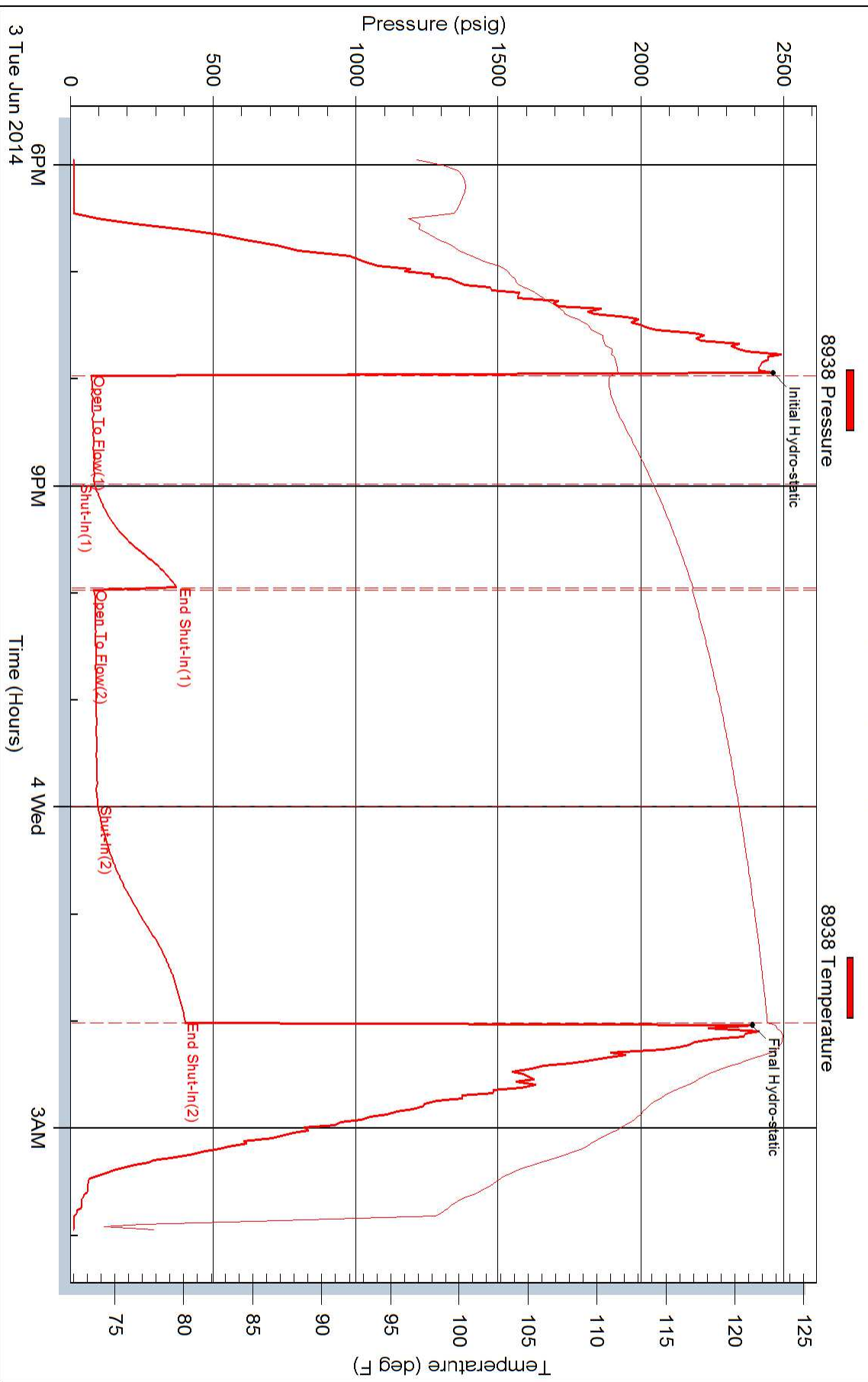
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bengalia Land and Cattle Company**

PO Box 521008
Tulsa, Oklahoma
74152+1008

ATTN:

Myles McGehee #1-7

7/25S/30W/Gray

Start Date: 2014.06.04 @ 23:45:00

End Date: 2014.06.05 @ 09:43:00

Job Ticket #: 18269 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2014.06.05 @ 09:52:22



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18269

DST#: 4

Test Start: 2014.06.04 @ 23:45:00

GENERAL INFORMATION:

Formation: **St Louis**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:18:30

Time Test Ended: 09:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/110

Interval: 5030.00 ft (KB) To 5087.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 5087.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749 Inside

Press@RunDepth: 66.35 psig @ 5082.45 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.06.04

End Date:

2014.06.05

Last Calib.:

2014.06.05

Start Time:

23:45:00

End Time:

09:43:00

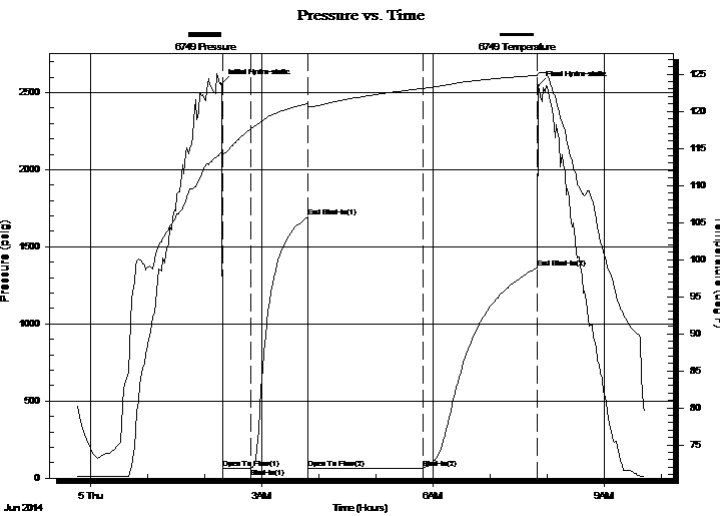
Time On Btm:

2014.06.05 @ 02:17:00

Time Off Btm:

2014.06.05 @ 07:51:00

TEST COMMENT: 1ST Open 30 Mintues/Weak blow /Blow bult to 1/2 inch then died in 20 minutes
1ST Shut In 60 Minutes/No blow back
2ND Open 120 Minutes/Dead no blow
2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2557.09	114.53	Initial Hydro-static
2	61.35	114.22	Open To Flow (1)
32	63.45	117.63	Shut-In(1)
91	1692.42	121.04	End Shut-In(1)
92	64.93	120.50	Open To Flow (2)
213	66.35	123.11	Shut-In(2)
334	1365.73	124.84	End Shut-In(2)
334	2543.47	125.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

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



DRILL STEM TEST REPORT

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18269

DST#: 4

Test Start: 2014.06.04 @ 23:45:00

GENERAL INFORMATION:

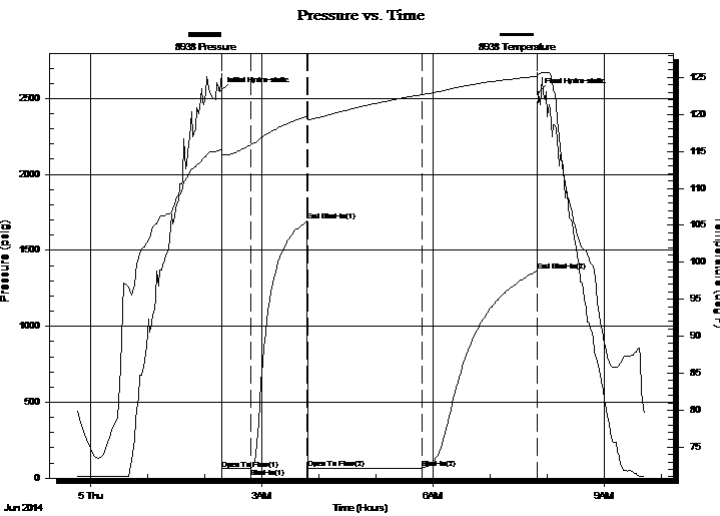
Formation: **St Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:18:30
 Time Test Ended: 09:43:00
 Interval: **5030.00 ft (KB) To 5087.00 ft (KB) (TVD)**
 Total Depth: 5087.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Scott City/110
 Reference Elevations: 2837.00 ft (KB)
 2827.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8938

Outside

Press@RunDepth: 1364.63 psig @ 5083.45 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.06.04 End Date: 2014.06.05 Last Calib.: 2014.06.05
 Start Time: 23:45:00 End Time: 09:42:30 Time On Btm: 2014.06.05 @ 02:16:00
 Time Off Btm: 2014.06.05 @ 07:50:30

TEST COMMENT: 1ST Open 30 Mintues/Weak blow /Blow bult to 1/2 inch then died in 20 minutes
 1ST Shut In 60 Minutes/No blow back
 2ND Open 120 Minutes/Dead no blow
 2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2547.97	115.17	Initial Hydro-static
2	60.62	114.60	Open To Flow (1)
32	62.85	115.87	Shut-In(1)
92	1691.60	119.75	End Shut-In(1)
92	63.98	119.29	Open To Flow (2)
213	65.35	122.67	Shut-In(2)
334	1364.63	125.13	End Shut-In(2)
335	2537.16	125.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18269

DST#: 4

Test Start: 2014.06.04 @ 23:45:00

Tool Information

Drill Pipe:	Length: 5028.00 ft	Diameter: 3.80 inches	Volume: 70.53 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			Total Volume: 70.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	5030.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.45 ft			
Tool Length:	84.45 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale packer used

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			5007.00	
Hydraulic tool	5.00			5012.00	
Jars	6.00			5018.00	
Safety Joint	2.00			5020.00	
Top Packer	5.00			5025.00	
Packer	5.00			5030.00	28.00 Bottom Of Top Packer
Anchor	4.00			5034.00	
Change Over Sub	0.75			5034.75	
Drill Pipe	30.95			5065.70	
Change Over Sub	0.75			5066.45	
Anchor	15.00			5081.45	
Recorder	1.00	6749	Inside	5082.45	
Recorder	1.00	8938	Outside	5083.45	
Bullnose	3.00			5086.45	56.45 Anchor Tool

Total Tool Length: 84.45



DRILL STEM TEST REPORT

FLUID SUMMARY

Bengalia Land and Cattle Company

7/25S/30W/Gray

PO Box 521008
Tulsa, Oklahoma
74152+1008
ATTN:

Myles McGehee #1-7

Job Ticket: 18269

DST#: 4

Test Start: 2014.06.04 @ 23:45:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 8.40 in³
Resistivity: ohm.m
Salinity: 4400.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

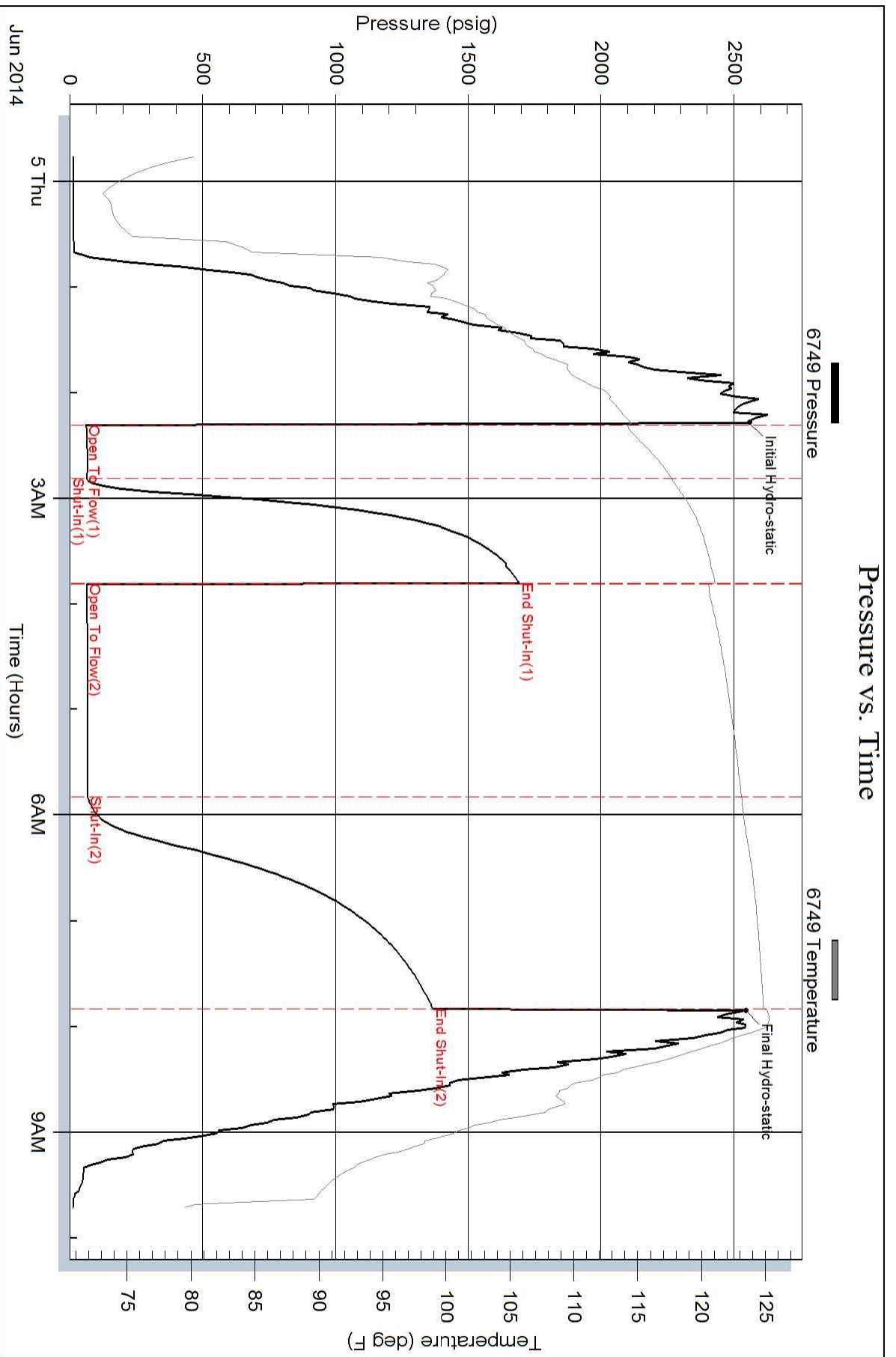
Serial #:

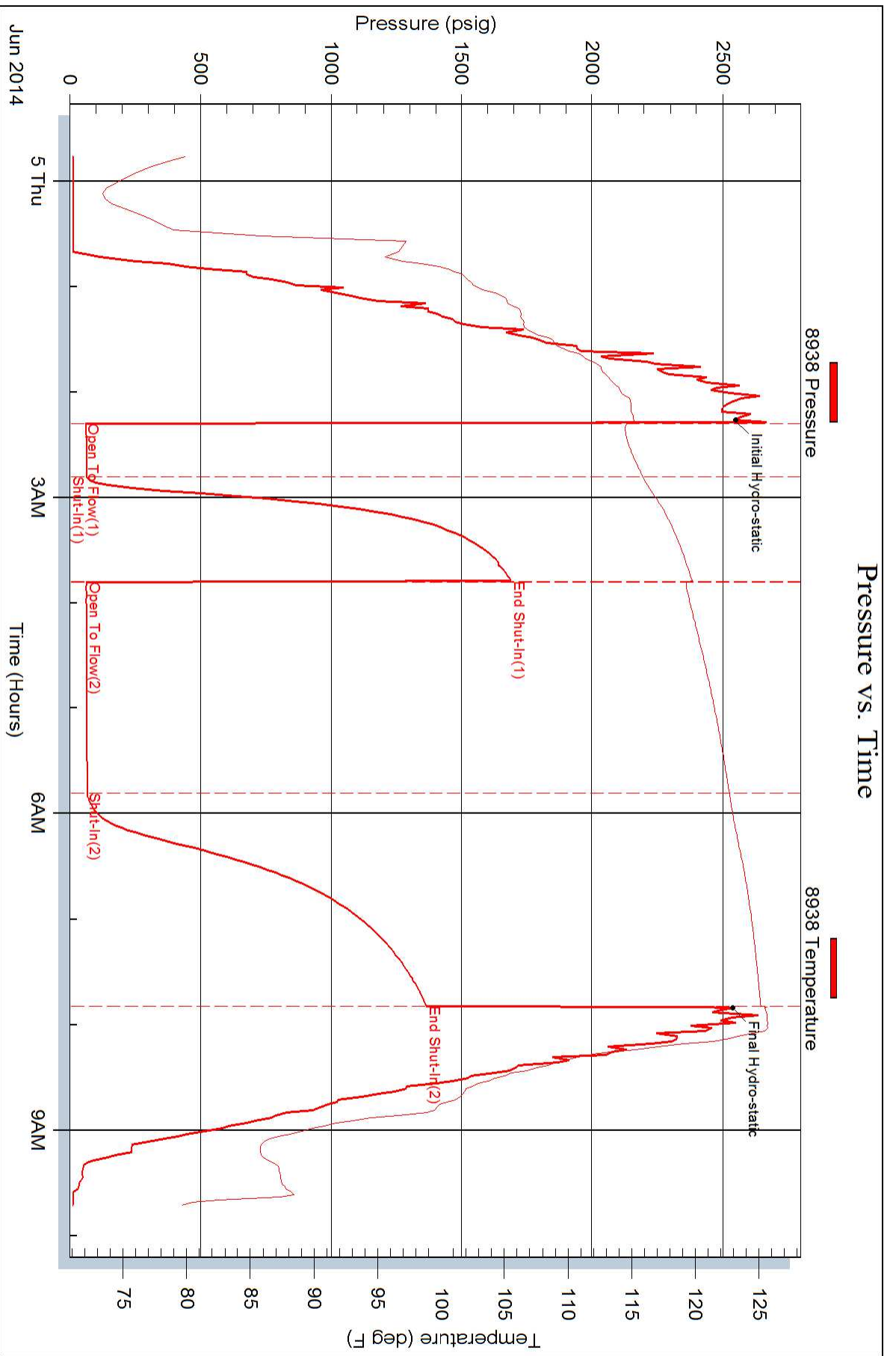
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





HALLIBURTON

BENGALIA LAND & CATTLE COMPANY

PO BOX 521008
TULSA, OK, 74152
US

MYLES MCGEHEE 1-7
MCGRAW
GRAY, KS
US
API/UWI 15-069-20390-00
SEC: 7, TWP: 25, RNG: 30

Cased Hole- Perforating

Proposal 109950 - Version 1.0
May 05, 2014

Prepared for:
Calvin Hullum

Submitted by:
Nick Ahlerich
1 W 3rd St Ste 1400
Tulsa, OK - 74103-3519
918-581-5230

HALLIBURTON

Contents

1	Foreword	3
2	CBL and Perforating	4
2.1	Cost Estimate	4
3	Conditions	6

*Halliburton appreciates the opportunity to present
this cost estimate and looks forward to being of service to you.*

1 Foreword

Enclosed is our recommended procedure for logging services in the referenced well. The information in this proposal includes well data, calculations, material requirements, and cost estimates. This proposal is based on information from our field personnel and previous logging services in the area. Halliburton appreciates the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representatives listed below.

Services not specified in the pricing pages of this proposal will be discounted from the current price schedule as follows:

Standard Cased Hole Logging Services: 50%
Standby: 5 hours no charge then 30% (533.40 per hour)
Cancelled Operations 30%

SERVICE CENTER: Liberal, KS
SERVICE COORDINATOR: Kris Anderson / John Neal / Shawn Simpson
PHONE NUMBER: 405-238-6423
ENGINEER: TBD

2 CBL and Perforating

2.1 Cost Estimate

Mtrl Nbr	Description	Qty	UOM	Unit Price	Gross Amt	Net Amount
7548	Perforating - Others BOM	1.00	JOB	0.00	0.00	0.00
4510	Pickup or Car Mileage Charge Number of Units	200.00 1	MI	5.76	1,152.00	311.04
87034	LG- FUEL SURCHG HEAVY TRUCKS >1 1/2 TON Number of Units	200.00 2	MI	0.59	236.00	236.00
87033	LG- FUEL SURCHG CARS/PICKUPS <1 1/2 TON Number of Units	200.00 1	MI	0.20	40.00	40.00
373337	L&P PSL - DOT Vehicle Charge	2.00	EA	241.00	482.00	482.00
4966	Environmental Protection Surcharge	1.00	EA	153.00	153.00	153.00
4963	CH Land Service Charge	1.00	EA	2,201.00	2,201.00	594.27
96346	LG-CH-LAND SERVICE DEPTH CHG FEET/METERS (FT/M) DEPTH OR LENGTH	4,900.00 FT 1	FT	0.22	1,078.00	291.06
5001	Crane Service Charge HR/DAY/WEEK/MTH/YEAR/JOB/RUN DAYS OR FRACTION (MIN1)	1.00 DAY 1	DAY	1,800.00	1,800.00	486.00
5068	Packoff with Riser to Floor HR/DAY/WEEK/MTH/YEAR/JOB/RUN NUMBER OF DAYS	1.00 DAY 1	EA	513.00	513.00	138.51
5148	Gamma Ray in Combo Depth	4,900.00	FT	0.22	1,078.00	291.06
5149	Gamma Ray in Combo Survey	2,000.00	FT	0.22	440.00	118.80
5382	CBL Cement Bond Log MSG Depth	4,900.00	FT	0.68	3,332.00	899.64
5383	CBL Cement Bond Log MSG Survey	2,000.00	FT	0.68	1,360.00	367.20
5579	Gamma Ray Perforator-1st Run	4,900.00	FT	0.53	2,597.00	701.19
156947	3 1/8 IN-4 IN Slickgun Casing Guns Depth	4,900.00	FT	0.29	1,421.00	383.67
98326	3 1/8IN-4IN Slickgun Casing Guns 4 SPF FEET/METERS (FT/M)	8.00 FT	EA	351.00	2,808.00	758.16
	SubTotal CBL and Perforating				20,691.00	6,251.60
	Total Gross Amount					20,691.00
	Total Discounts					14,439.40
	Total Net Amount		USD			6,251.60

Mtrl Nbr	Description	Qty	UOM	Unit Price	Gross Amt	Net Amount
Optional Charge						
226021	Radial Cement Bond Log, Depth FEET/METERS (FT/M) DEPTH OR LENGTH	1.00 FT 4900	EA	0.96	4,704.00	1,270.08
226022	Radial Cement Bond Log, Survey FEET/METERS (FT/M) DEPTH OR LENGTH	1.00 FT 2000	EA	0.96	1,920.00	518.40
	SubTotal RCBL				6,624.00	1,788.48
4992	Instrument Protection Std. < 10K ft.	3.00	EA	147.00	441.00	441.00
Comment: Optional Charge						
	Total Gross Amount					7,065.00
	Total Discounts					4,835.52
	Total Net Amount		USD			2,229.48

Primary Plant: Liberal, KS, USA
 Virginia St.
Secondary Plant: Liberal, KS, USA
 Virginia St.

Price Book Ref: 25 - MID-CON
Price Date: 5/5/2014

3 Conditions

The cost in this analysis is good for the materials and/or services outlined within and shall be valid for 30 days from the date of this proposal. In order to meet your needs under this proposal with a high quality of service and responsive timing, Halliburton will be allocating limited resources and committing valuable equipment and materials to your area of operations. Accordingly, the discounts reflected in this proposal are available only for materials and services awarded on a first-call basis. Alternate pricing may apply in the event that Halliburton is awarded work on any basis other than as a first-call provider.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at: <http://www.halliburton.com/terms> for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

HALLIBURTON

DUAL SPACED NEUTRON SPECTRAL DENSITY LOG

COMPANY WELL FIELD/BLOCK COUNTY STATE Permanent Datum Log measured from Drilling measured from Date Run No. Depth - Driller Depth - Logger Bottom - Logged Interval Top - Logged Interval Casing - Driller Casing - Logger Bit Size Type Fluid in Hole Density PH Source of Sample Rm @ Meas. Temperature Rmf @ Meas. Temperature Rmc @ Meas. Temperature Source Rmf Rm @ BHT Time Since Circulation Time on Bottom Max. Rec. Temperature Equipment Recorded By Witnessed By	BENGALIA LAND AND CATTLE MYLES MCGEHEE 1-7 WILDCAT GRAY KANSAS GL KB KB 06-Jun-14 ONE 5207.00 ft 5206.0 ft 5203 1768 8.625 in @ 1770.0 ft 1768.0 ft 7.875 in Water Based Mud 9.4 ppq 9.00 pH MUD PIT 0.760 ohmm @ 75.00 degF 0.65 ohmm @ 75.00 degF 0.870 ohmm @ 75.00 degF CALCULATED 0.47 ohmm @ 125.0 degF 5.0000 hr 06-Jun-14 05:29 125.0 degF @ 5206.0 ft 11230668 LIBERAL SHELDON INGERSOLL M. CRAWFORD J. JACKSON Elev. 2827.0 ft 10.0 ft above perm. Datum Elev.: K.B. 2837.0 ft D.F. 2836.0 ft G.L. 2827.0 ft Other Services: DSN / SDL MICROLOG BSAT ACRT XRMI
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Fold here

Service Ticket No.: 901288079				API Serial No.: 15-069-20390-00-00				PGM Version: WL INSITE R4.2.0 (Build 2)							
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.		@			@										
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.	ONE	Run No.	ONE	Run No.	ONE				
Serial No.	11039640			Serial No.		Serial No.	10673790	Serial No.		Serial No.	10735145				
Model No.	GTET			Model No.		Model No.	SDLT	Model No.		Model No.	DSNT				
Diameter	3.625"			No. of Cent.		Diameter	5.3"	Diameter		Diameter	3.625"				
Detector Model No.	T-102			Spacing		Log Type	GAM-GAM	Log Type		Log Type	NEU-NEU				
Type	SCINT					Source Type	CS-137	Source Type		Source Type	AM-241BE				
Length	8"			LSA [Y/N]		Serial No.	5073GW	Serial No.		Serial No.	DSN-436				
Distance to Source	N/A			FWDA [Y/N]		Strength	1.5 CI	Strength		Strength	15 CI				
LOGGING DATA															

GENERAL			GAMMA		ACOUSTIC		DENSITY			NEUTRON				
Run No.	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
	From	To	ft/min	L	R	L	R		L	R		L	R	
ONE	5206	1768	REC	0	150				30	-10	2.71 gm/cc	30	-10	LIME

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 5.5 INCH CASING.

CHLORIDES REPORTED AT 4200 ppm.

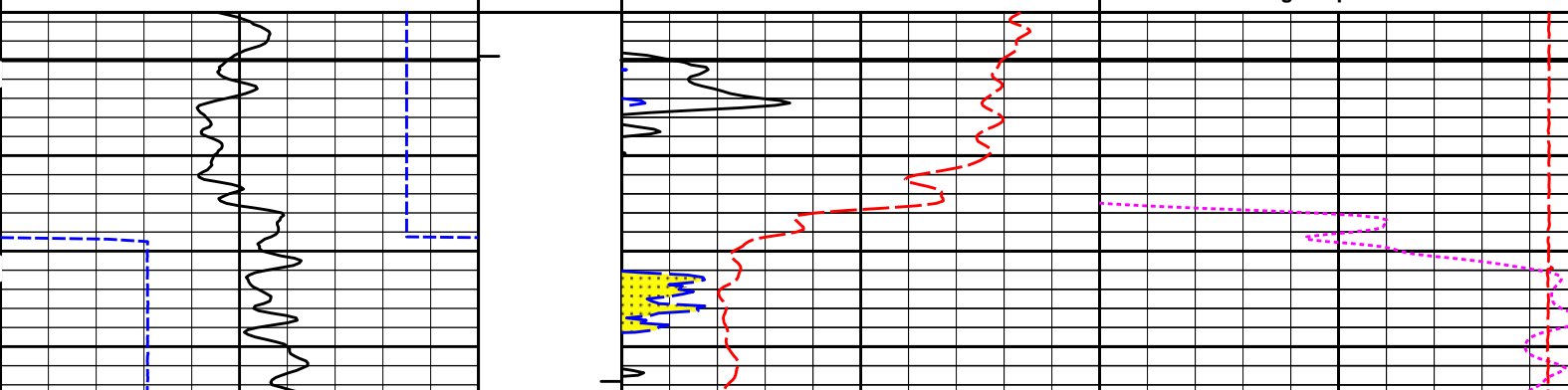
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR 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.

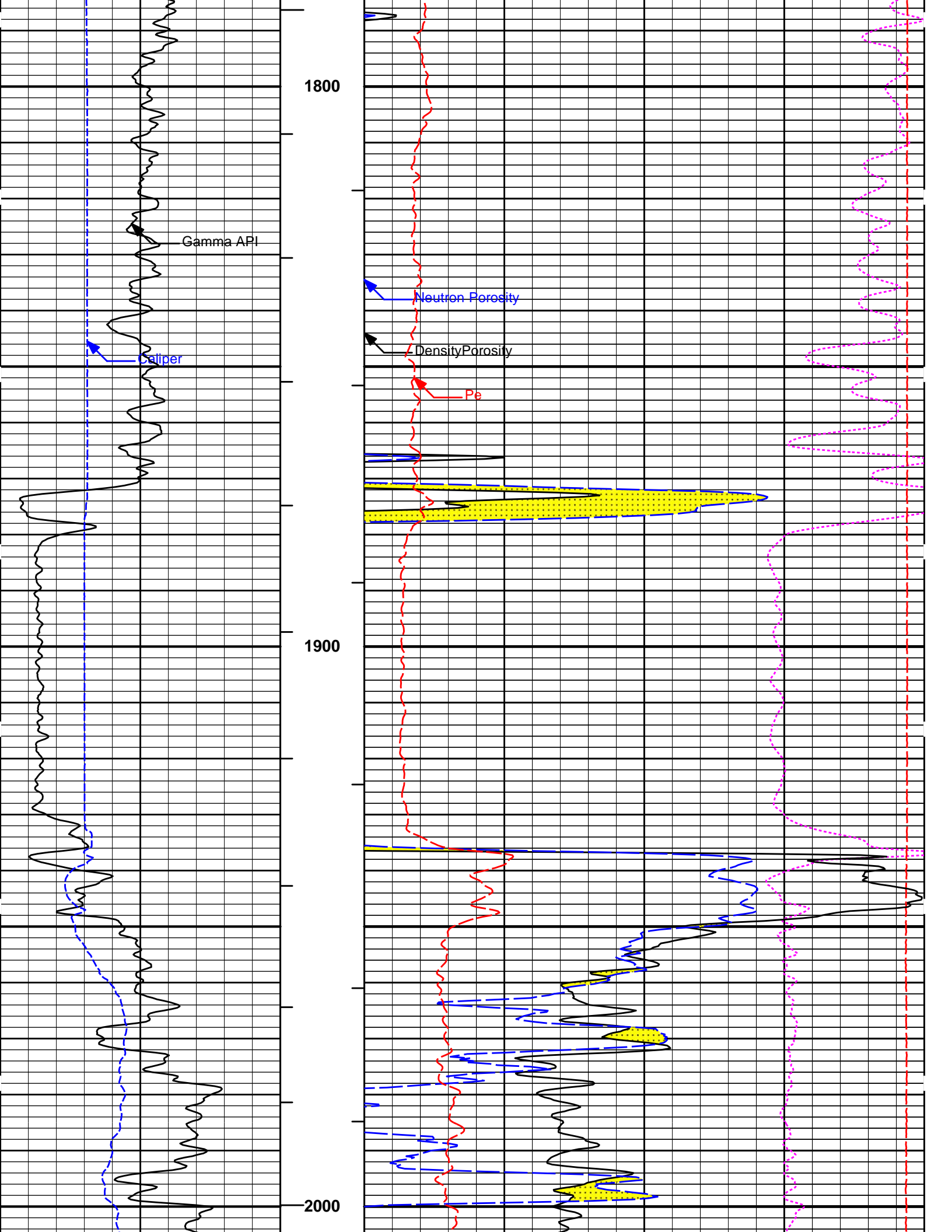
HALLIBURTON

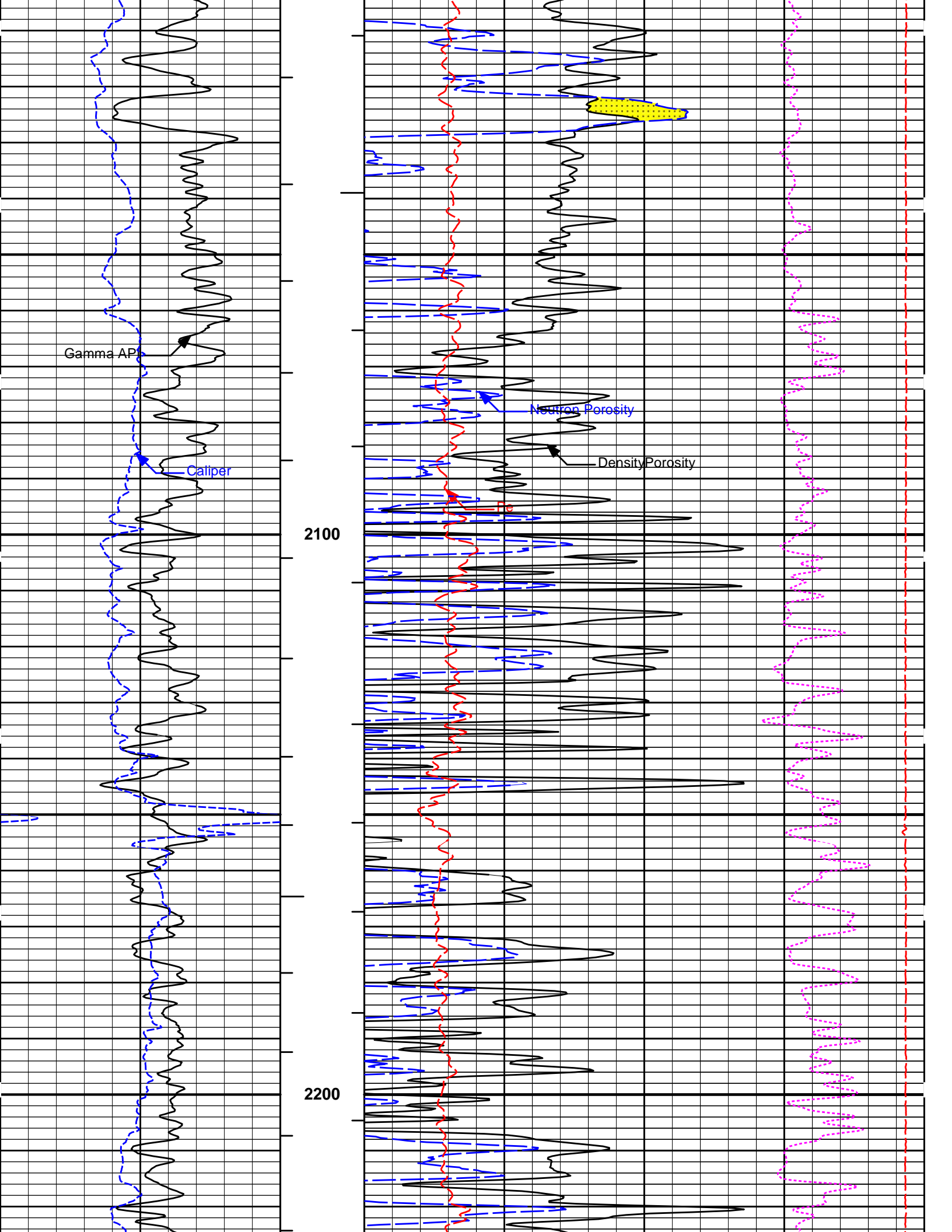
HALLIBURTON Plot Time: 06-Jun-14 08:55:36
 Plot Range: 1745 ft to 5208.83 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
 Plot File: \\POROSITY\Porosity_IQ_5_MAIN_LIB

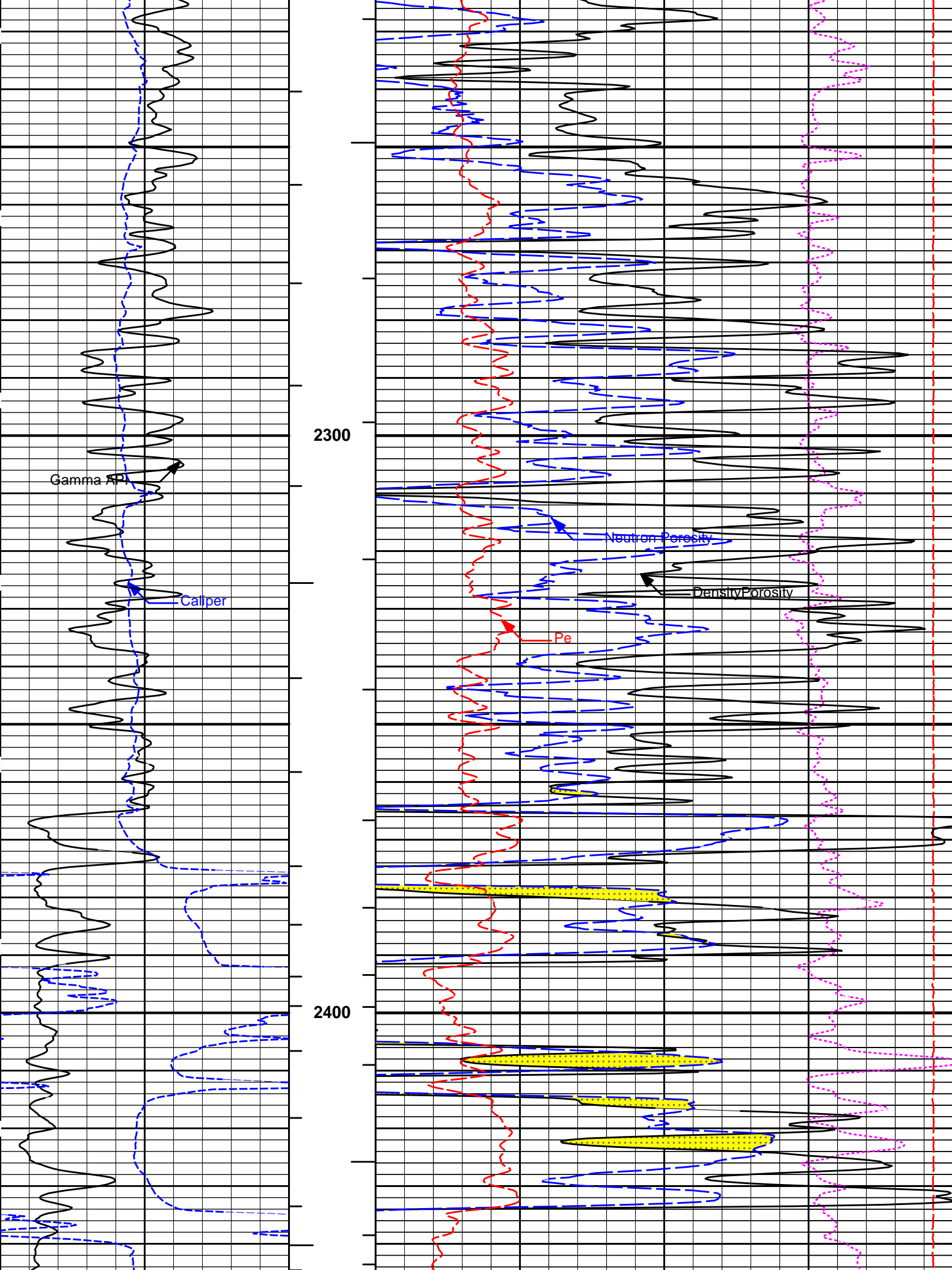
5 INCH MAIN LOG

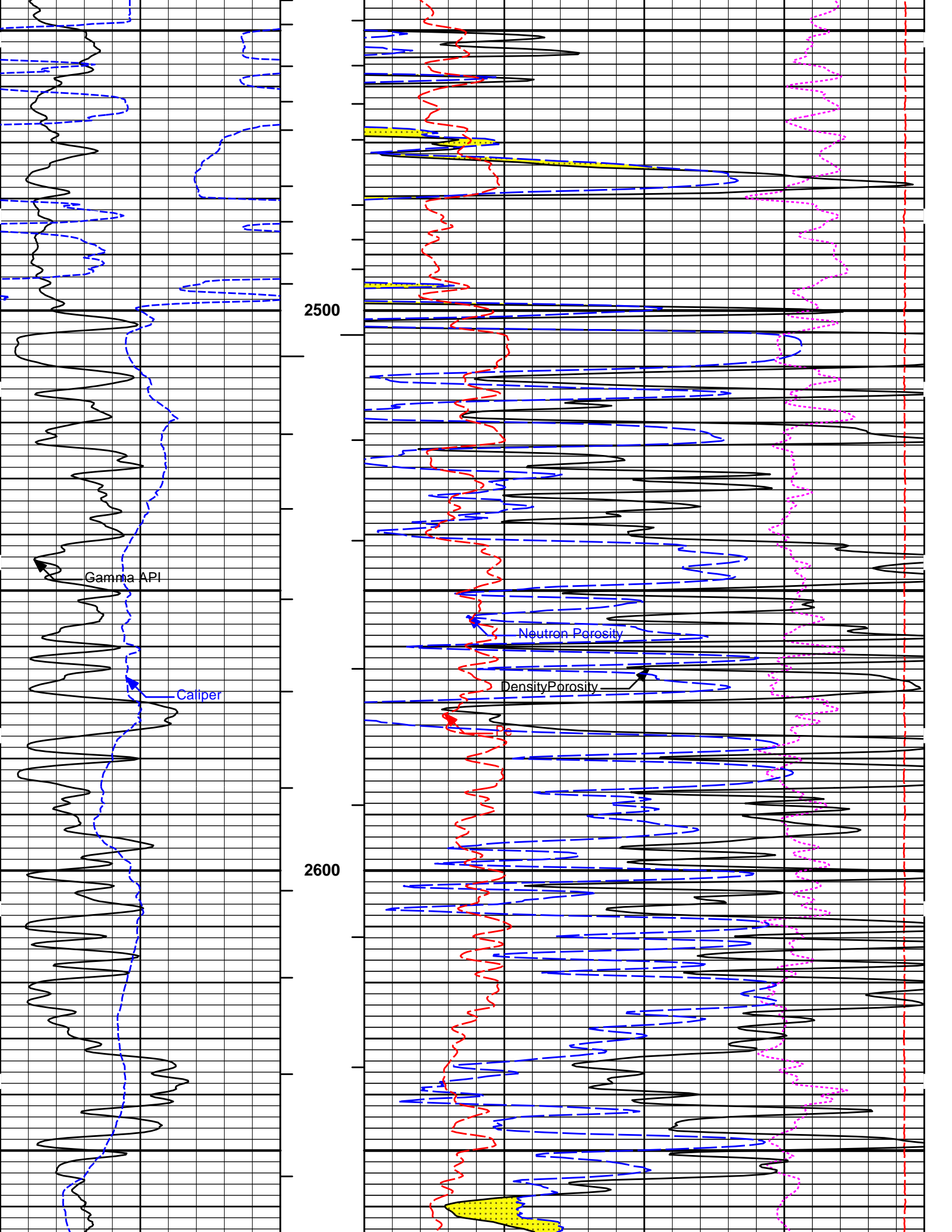
		CROSSOVER	
		30	-10
		Neutron Porosity	
		%	
SHALE		30	-10
		Density Porosity	
		%	
0	Gamma API	150	0
		Tension	
		pounds	
		15K	0
6	Caliper	16	0.25
		Density Corr	
		gram per cc	
		0	10
		Pe	

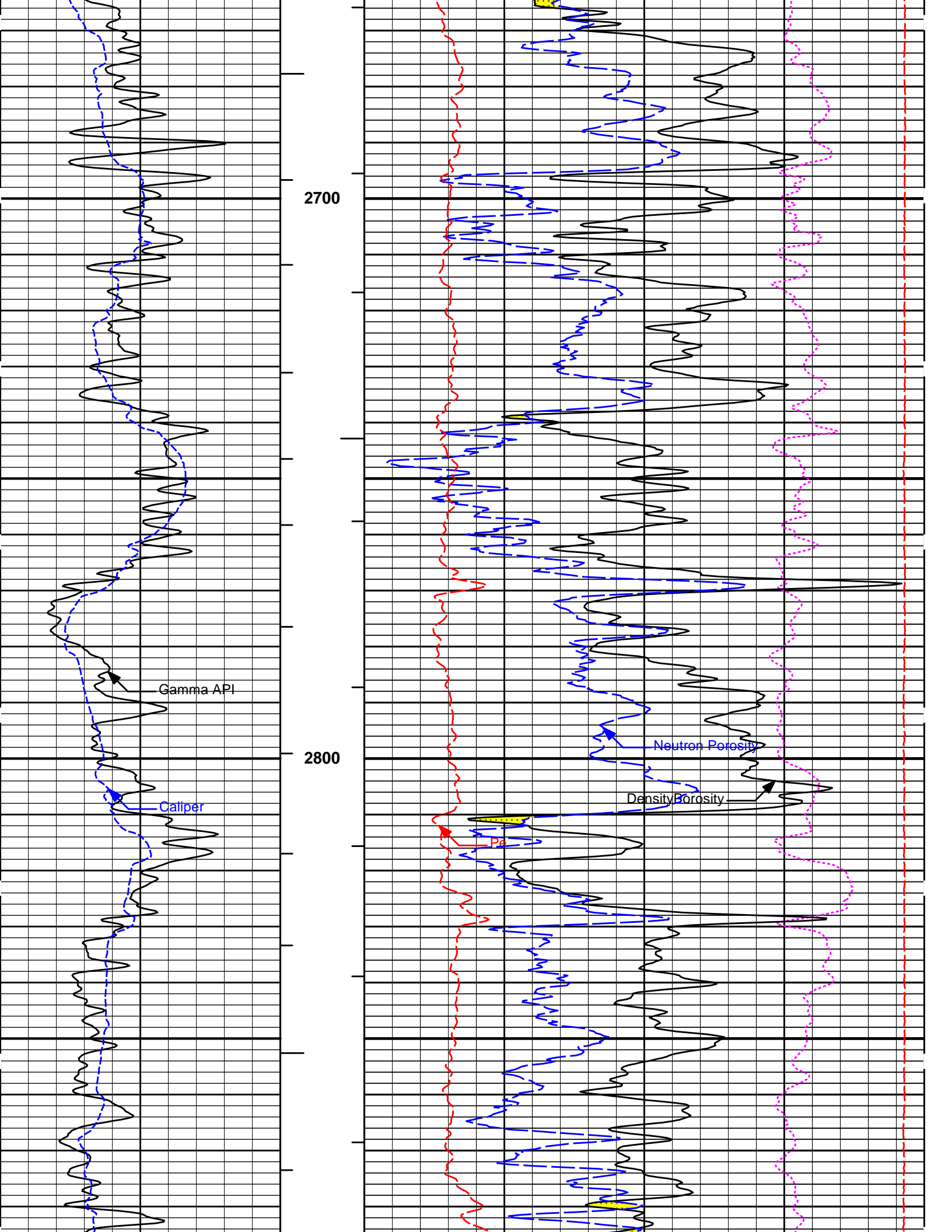


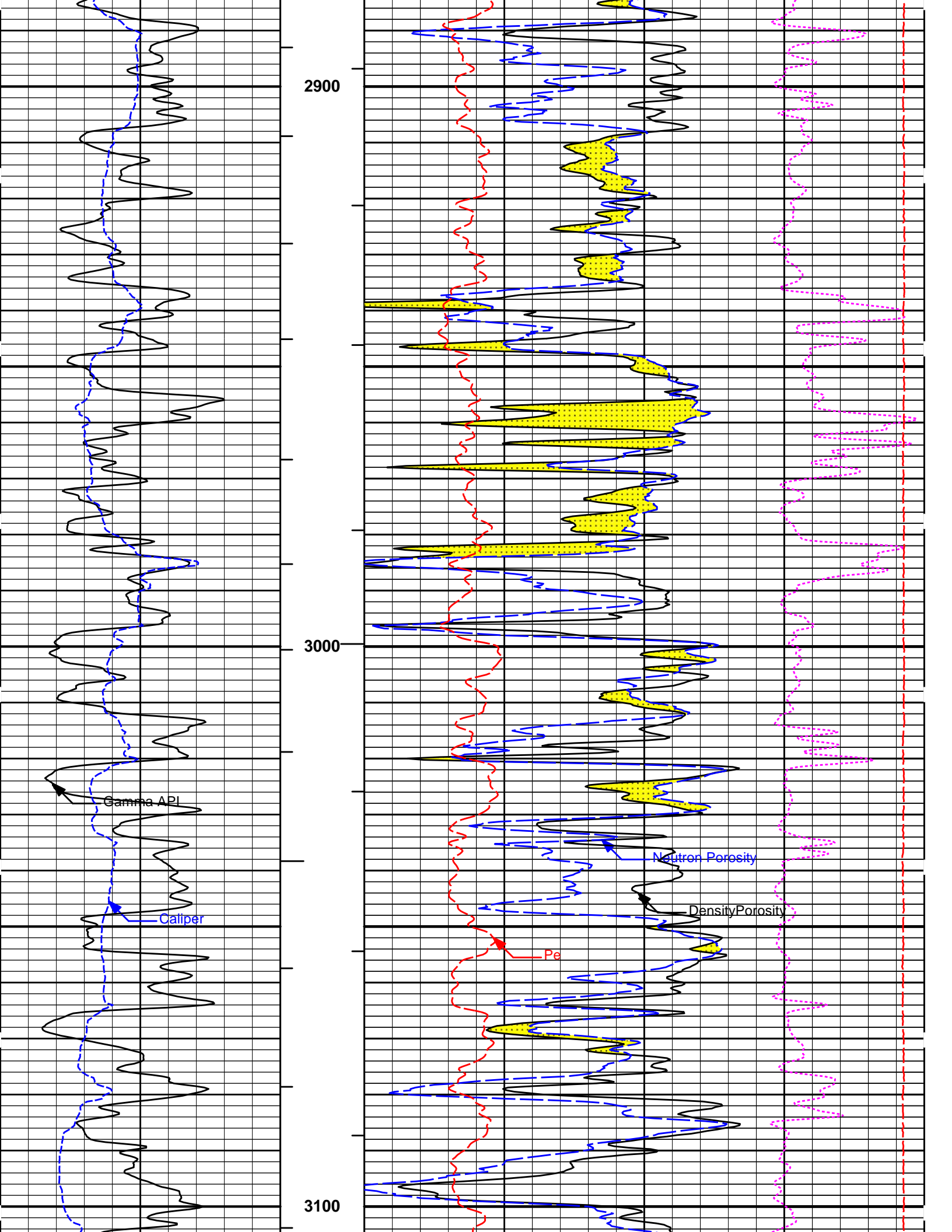












2900

3000

3100

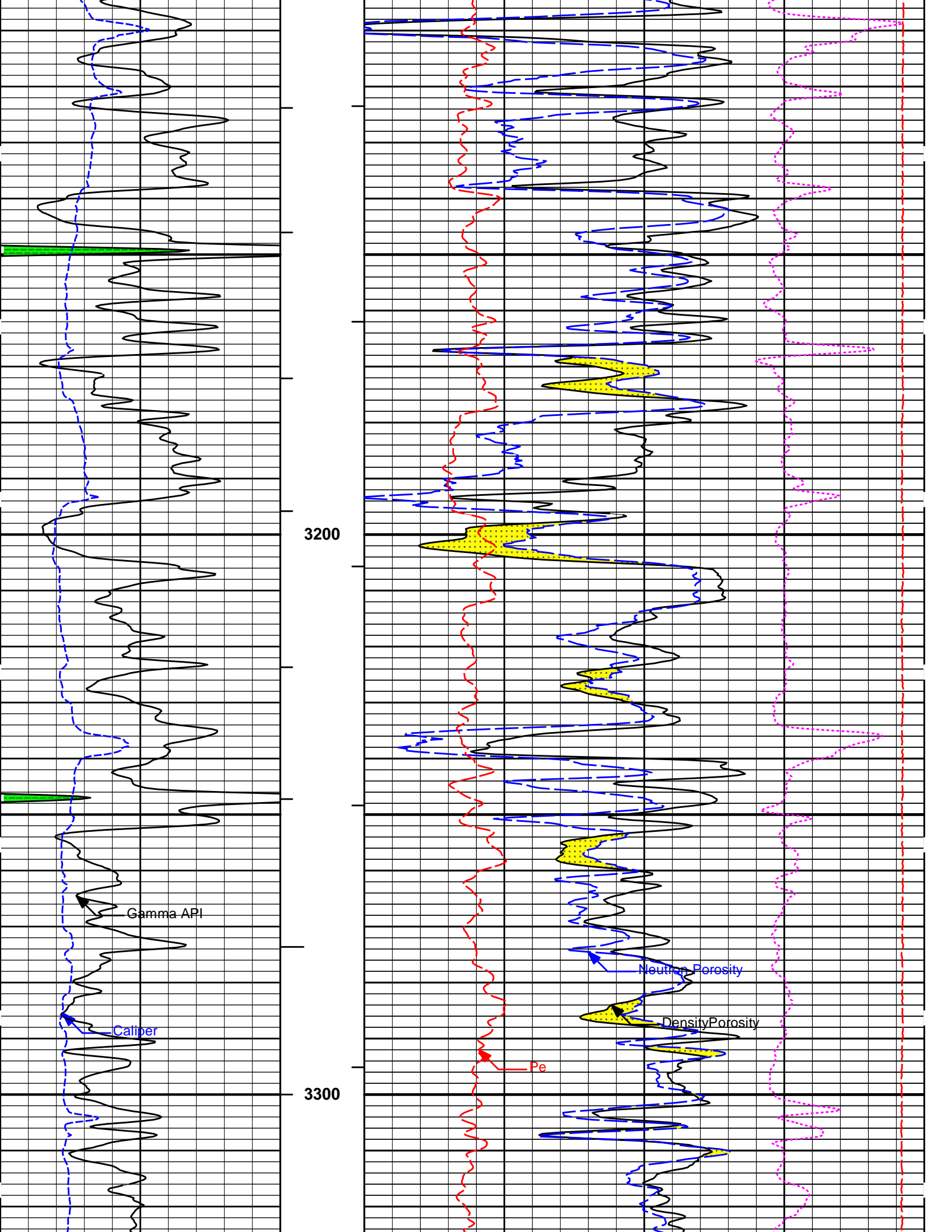
Gamma API

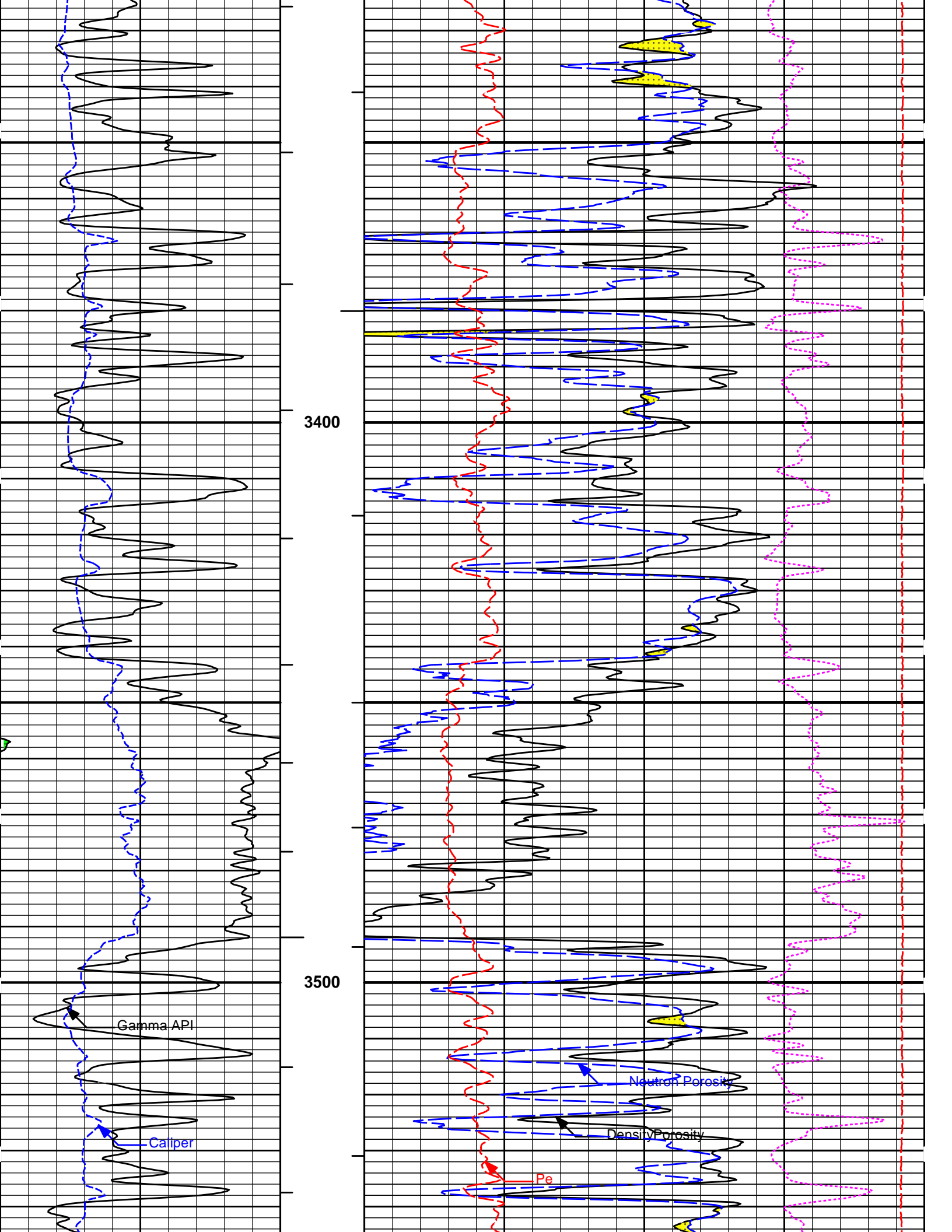
Caliper

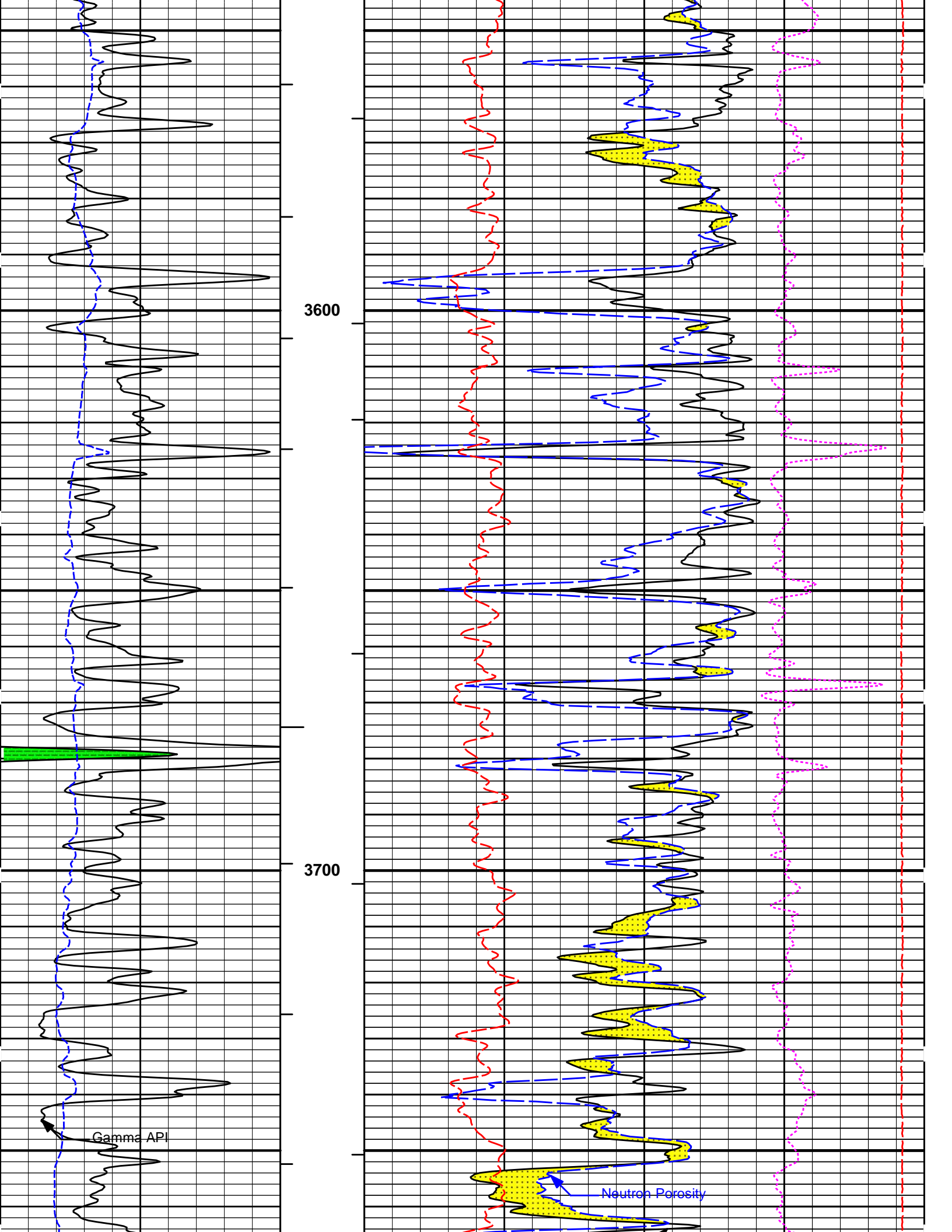
Neutron Porosity

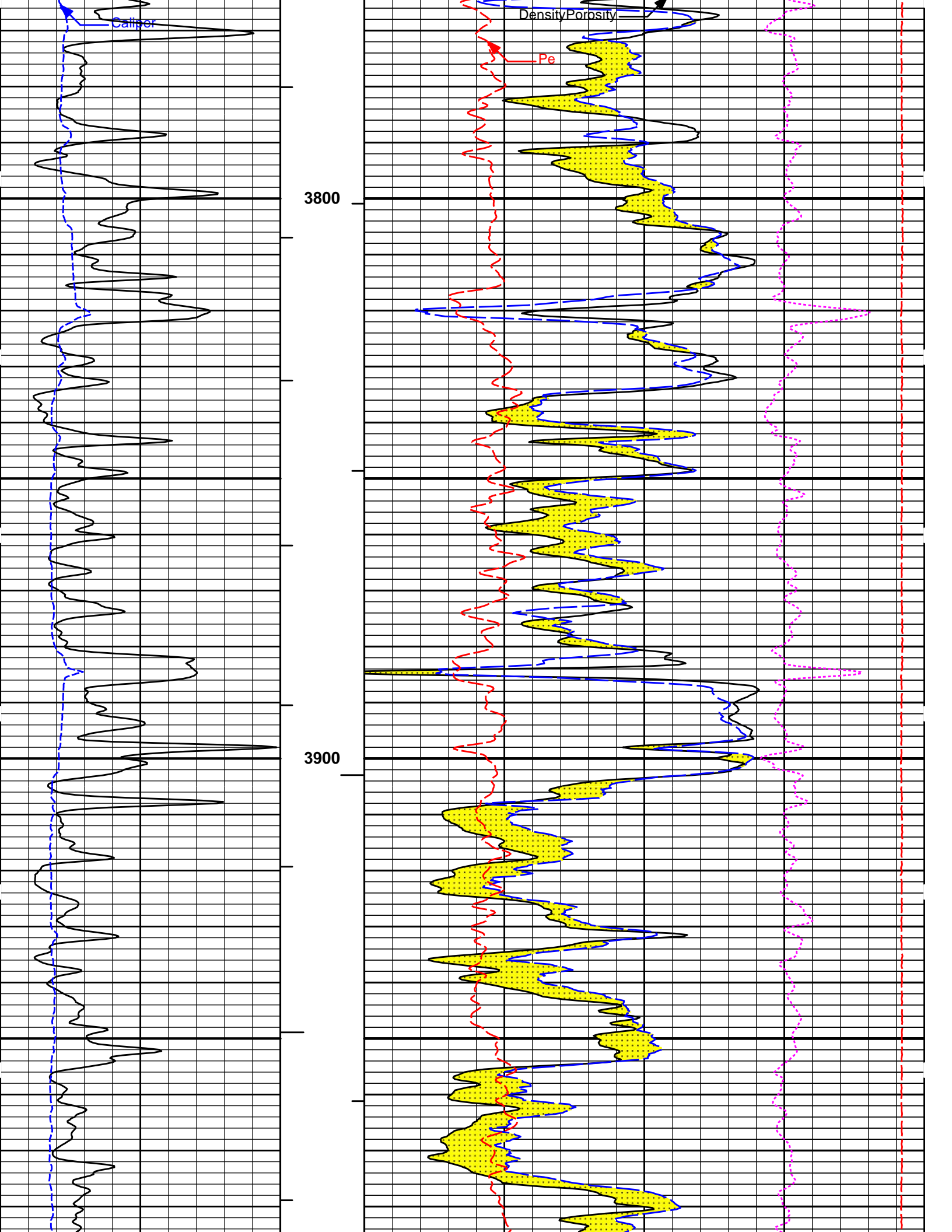
Density Porosity

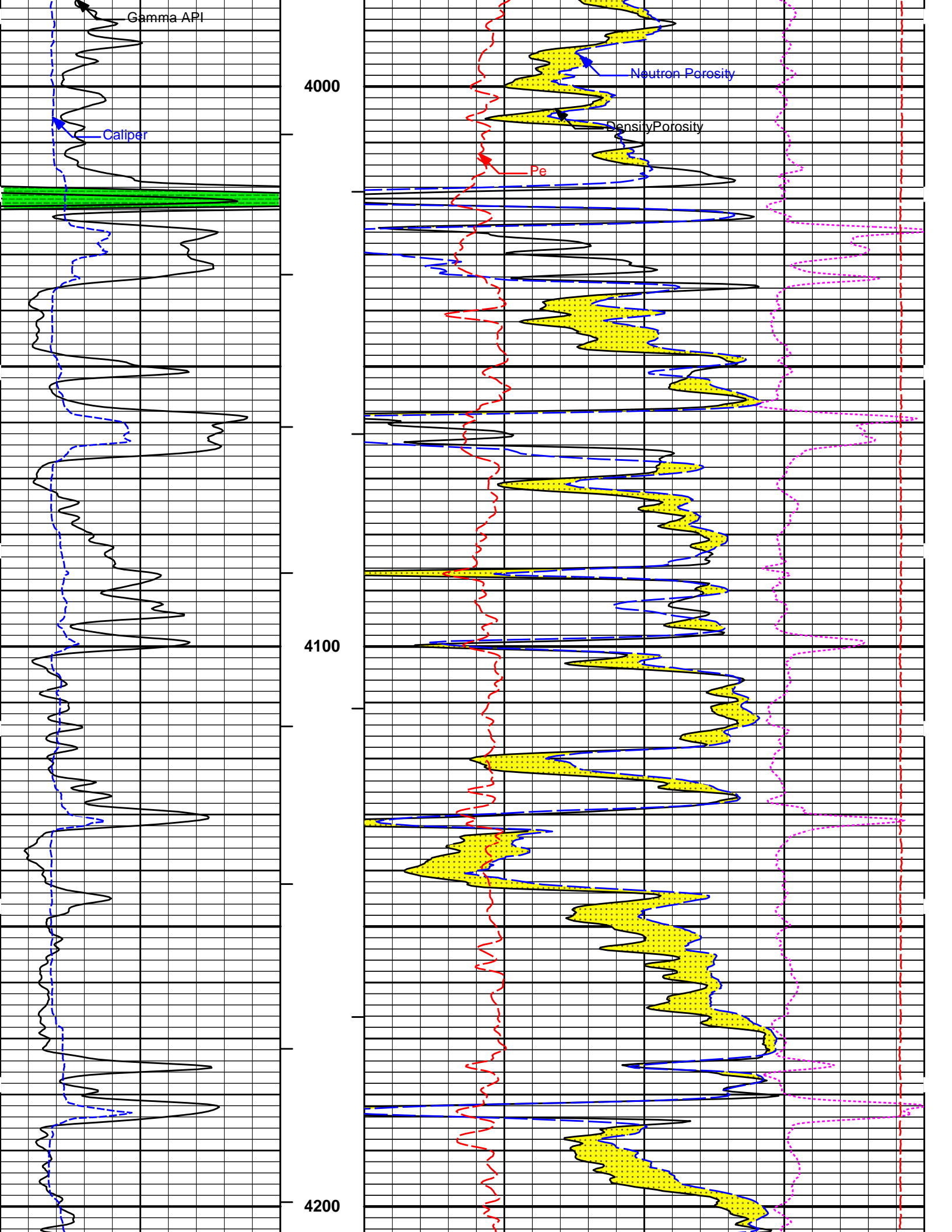
Pe

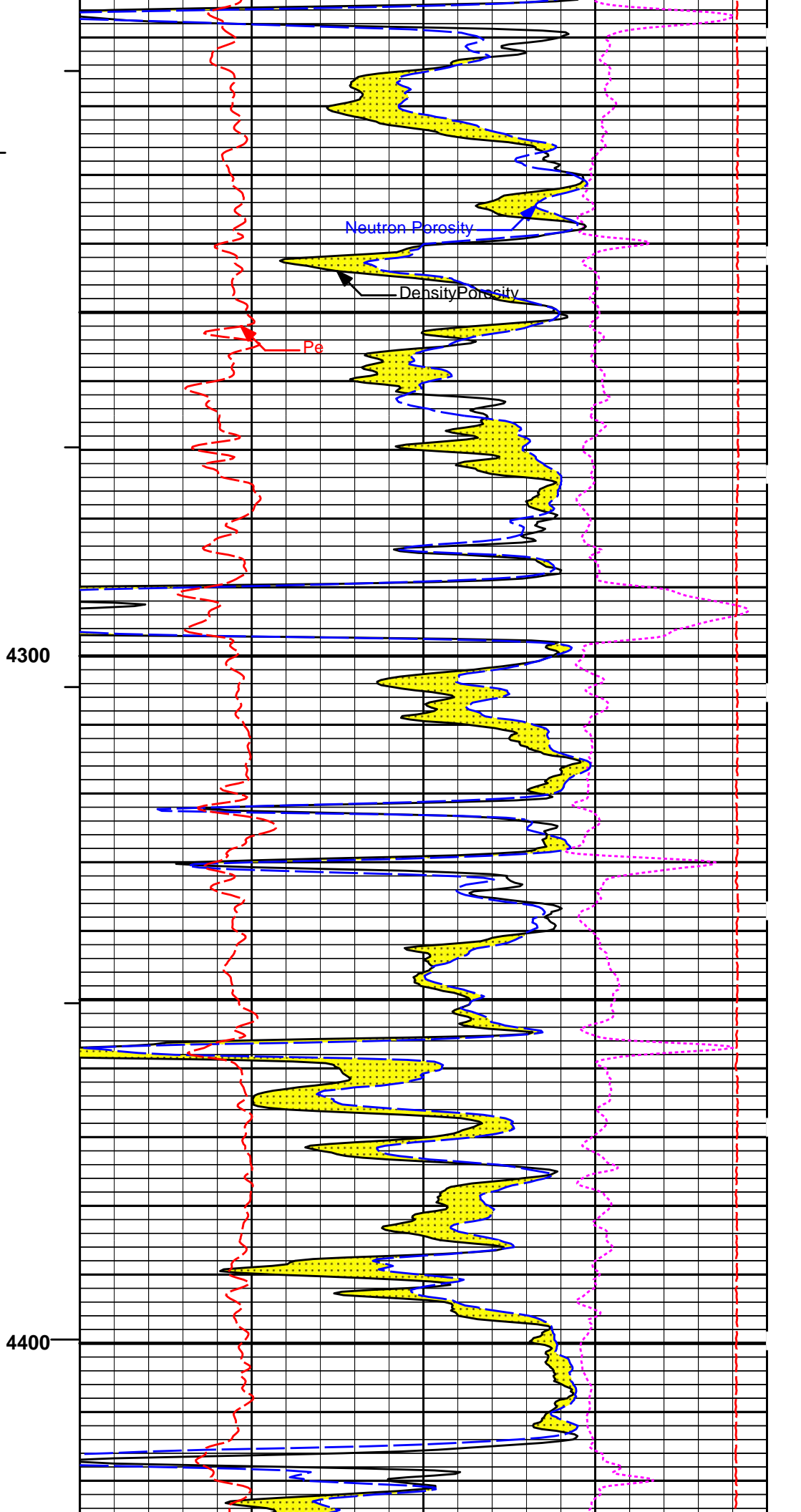
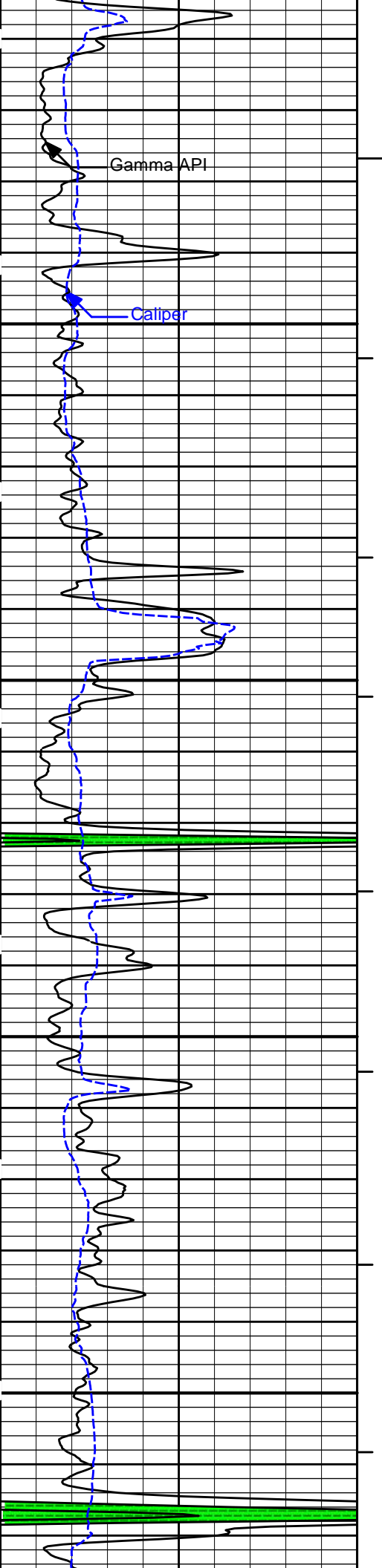












Gamma API

Caliper

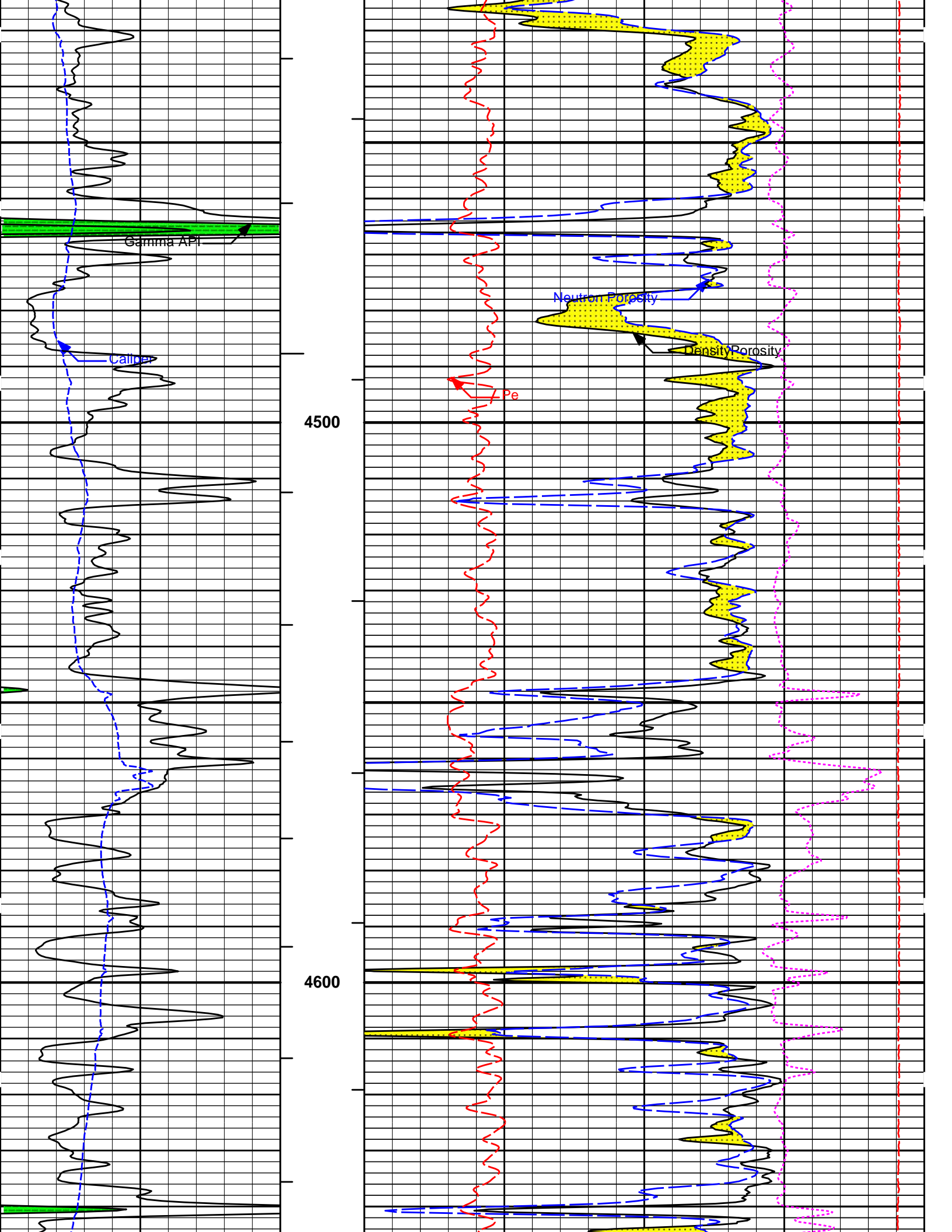
Neutron Porosity

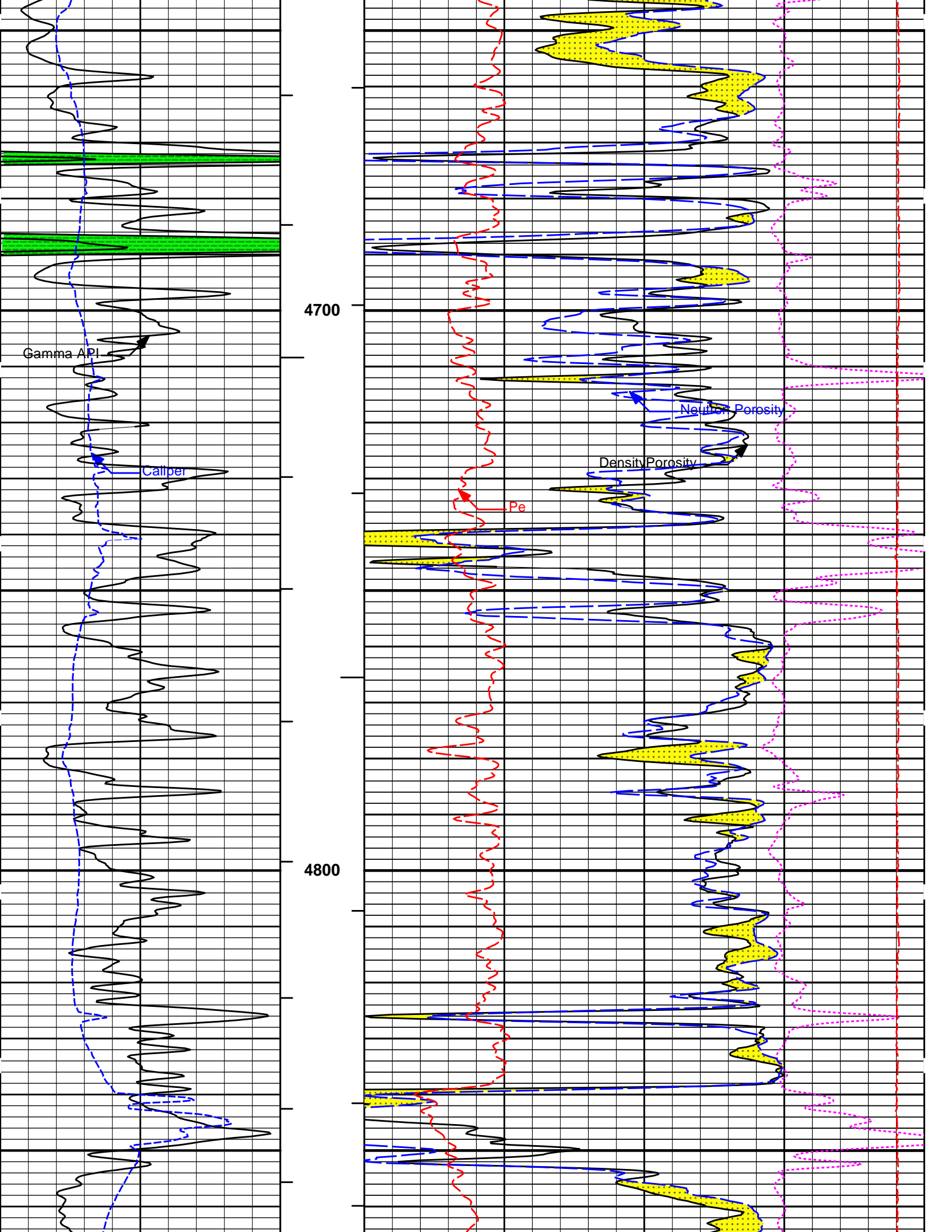
Density Porosity

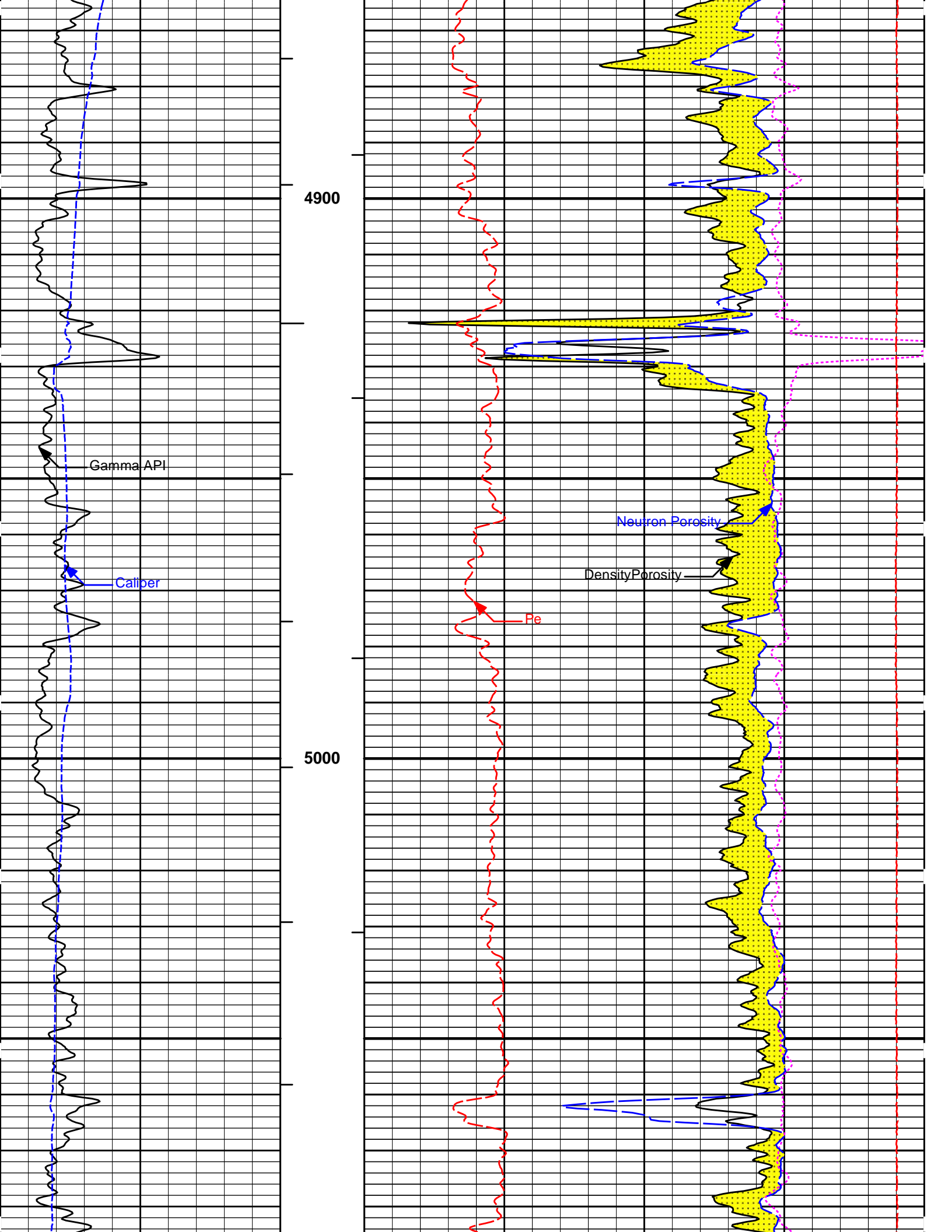
Pe

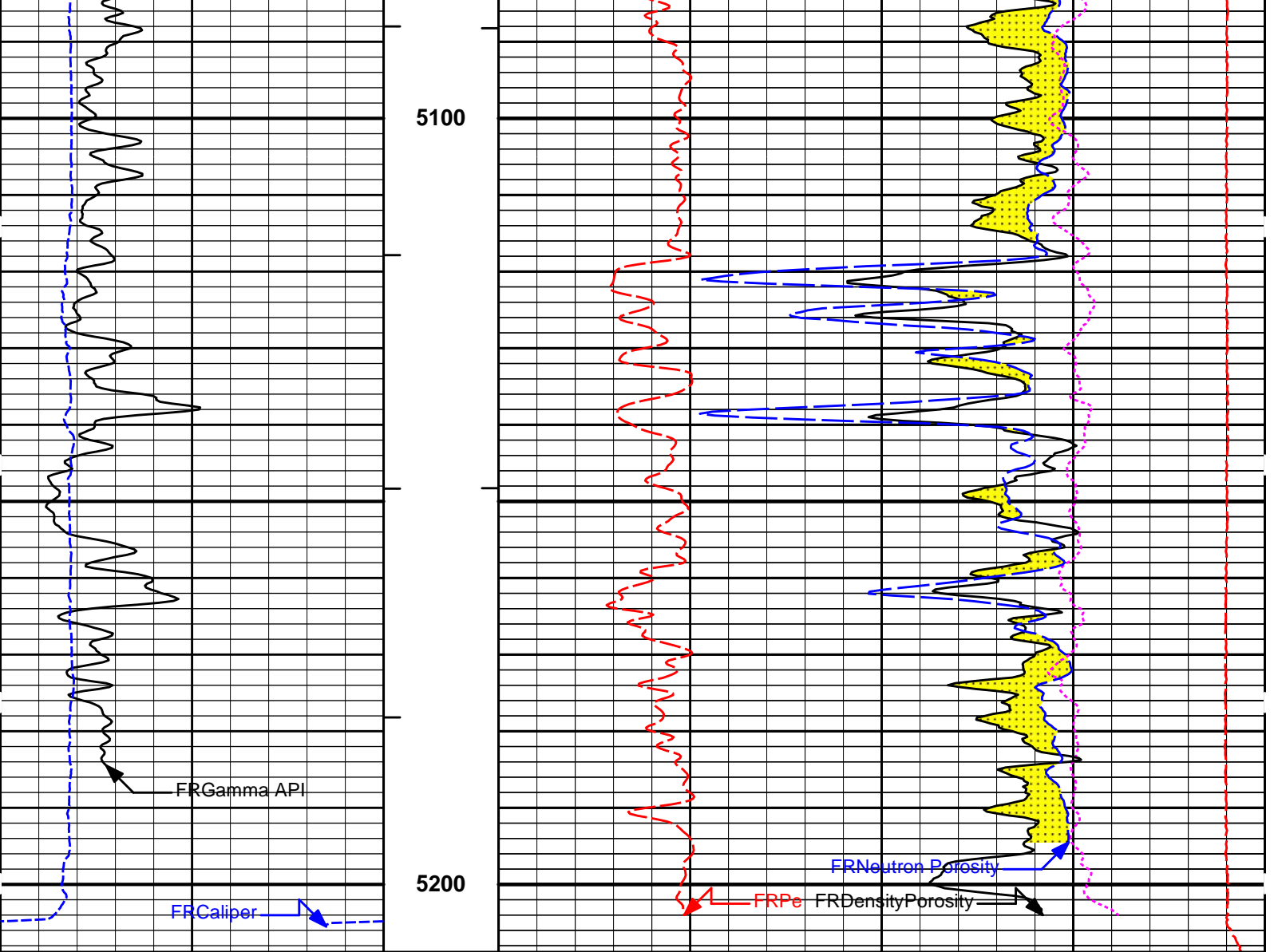
4300

4400









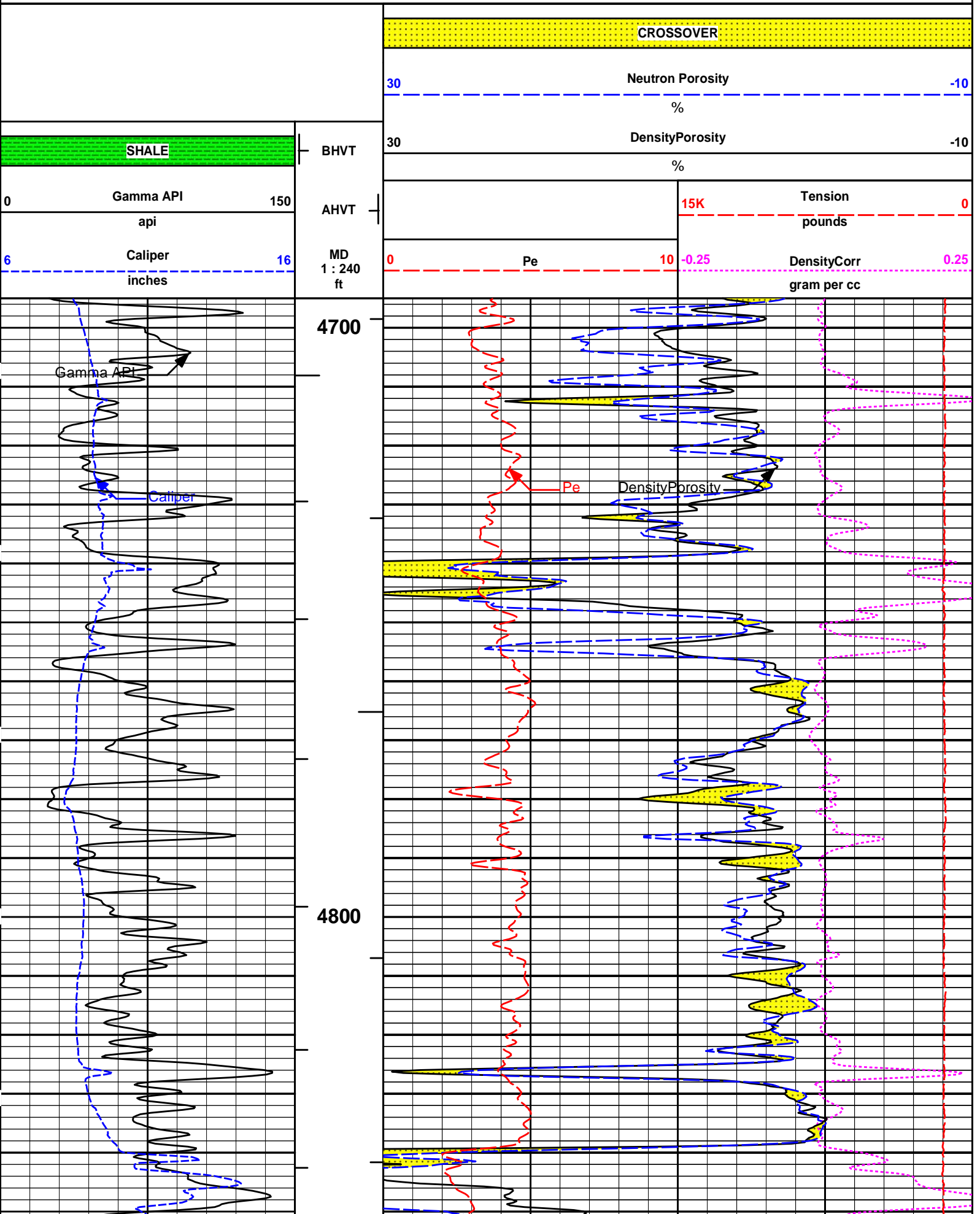
6	Caliper	16	MD	0	Pe	10	-0.25	DensityCorr	0.25
	inches		1 : 240					gram per cc	
0	Gamma API	150	AHVT			15K		Tension	0
	api							pounds	
	SHALE		BHVT	30	DensityPorosity				-10
					%				
				30	Neutron Porosity				-10
					%				
					CROSSOVER				

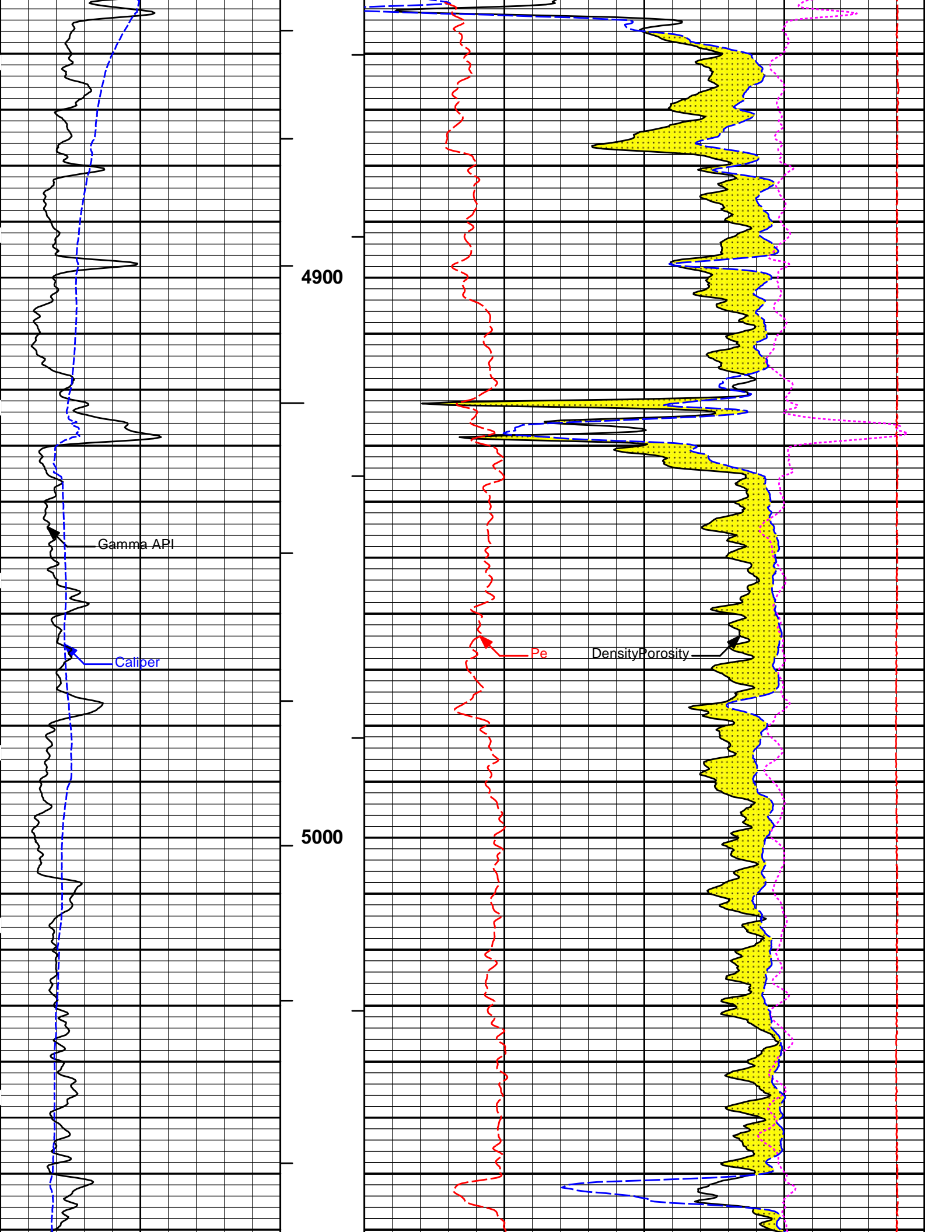
HALLIBURTON Plot Time: 06-Jun-14 08:55:40
 Plot Range: 1745 ft to 5208.83 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
 Plot File: \\POROSITY\Porosity_IQ_5_MAIN_LIB

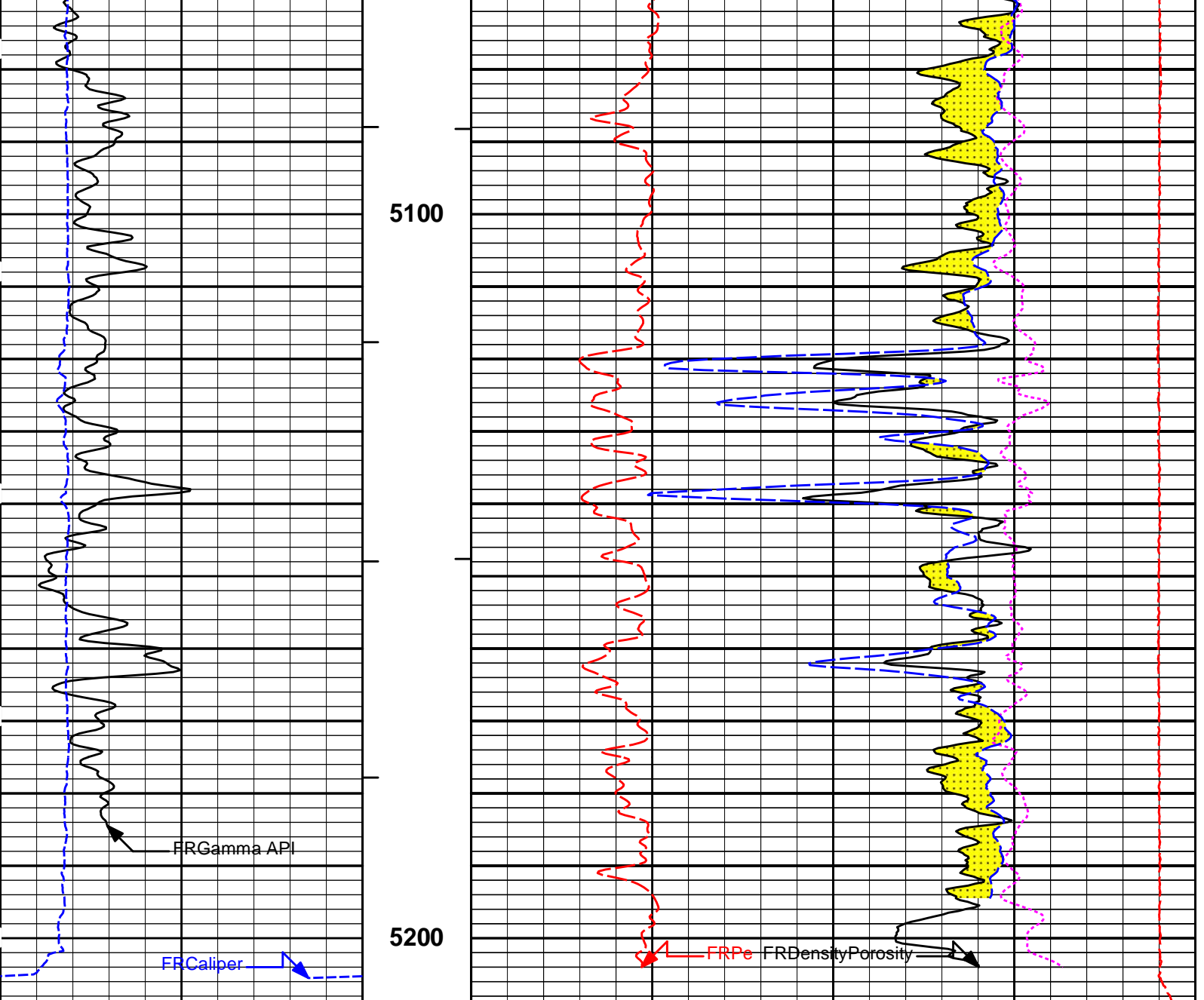
5 INCH MAIN LOG

HALLIBURTON Plot Time: 06-Jun-14 08:55:40
 Plot Range: 4695 ft to 5208.92 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 REPEAT POROSITY\
 Plot File: \\POROSITY\Porosity_IQ_5_REP_LIB

REPEAT SECTION







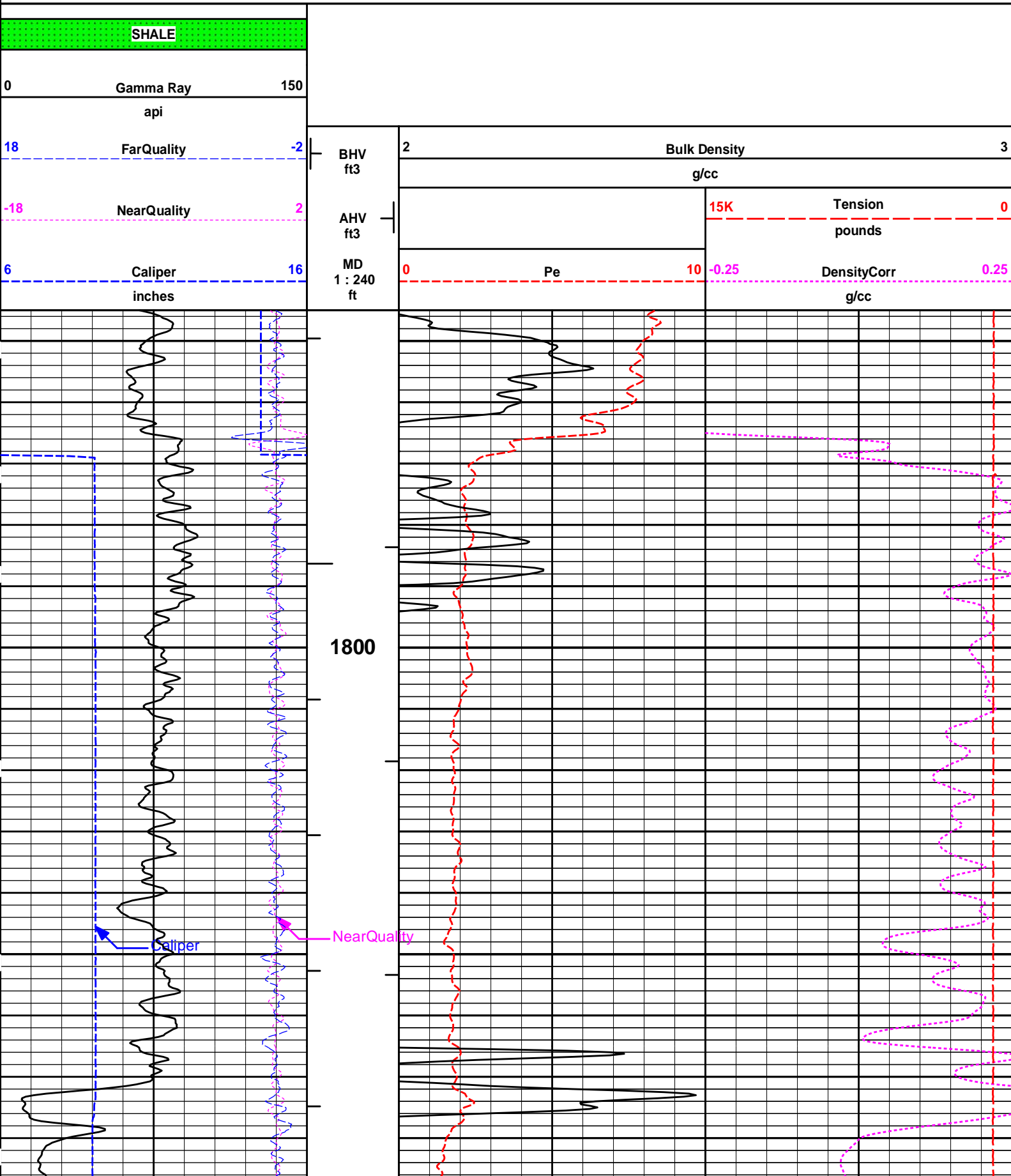
6	Caliper	16	MD	0	Pe	10	-0.25	DensityCorr	0.25
	inches		1 : 240					gram per cc	
0	Gamma API	150	AHVT				15K	Tension	0
	api							pounds	
	SHALE		BHVT	30	DensityPorosity				-10
					%				
				30	Neutron Porosity				-10
					%				
					CROSSOVER				

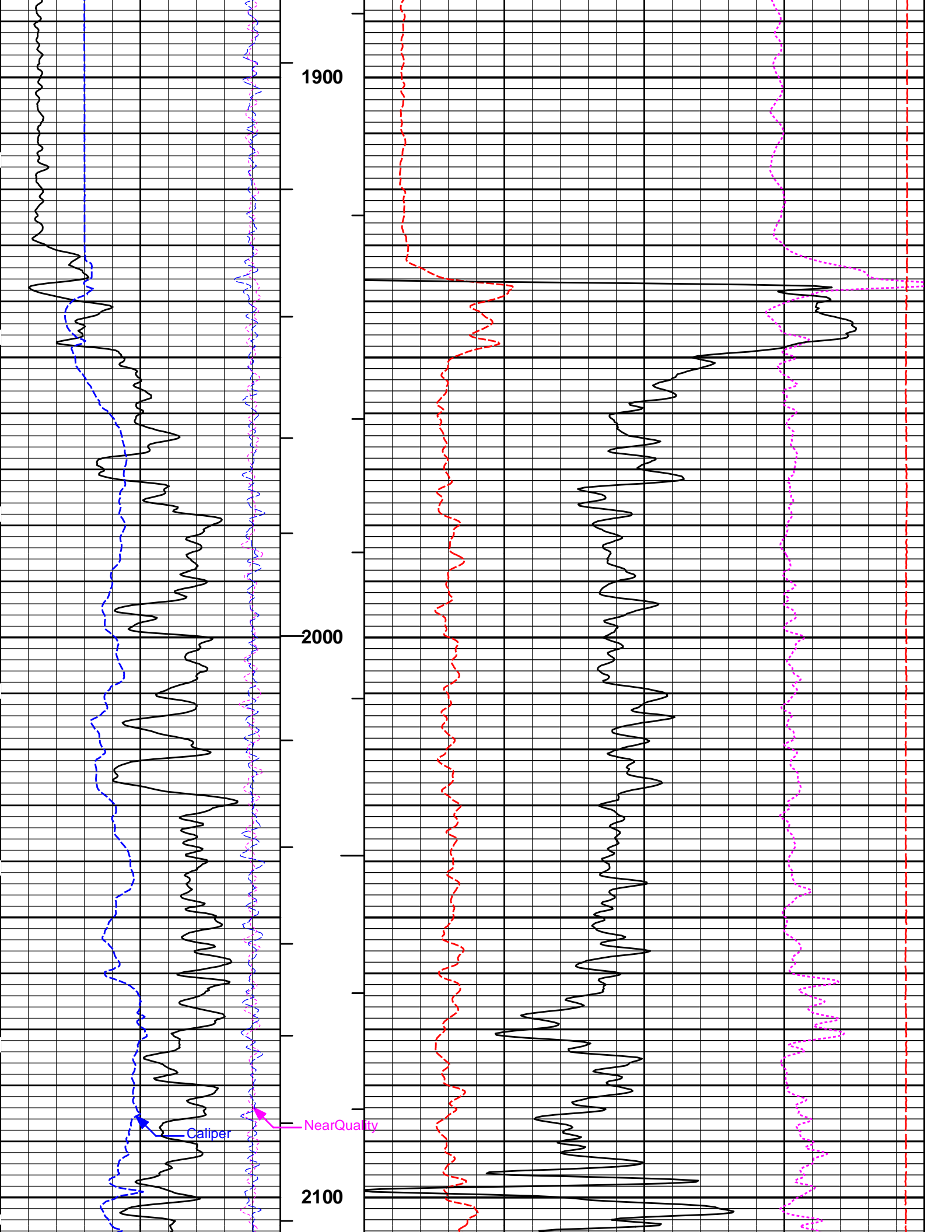
HALLIBURTON

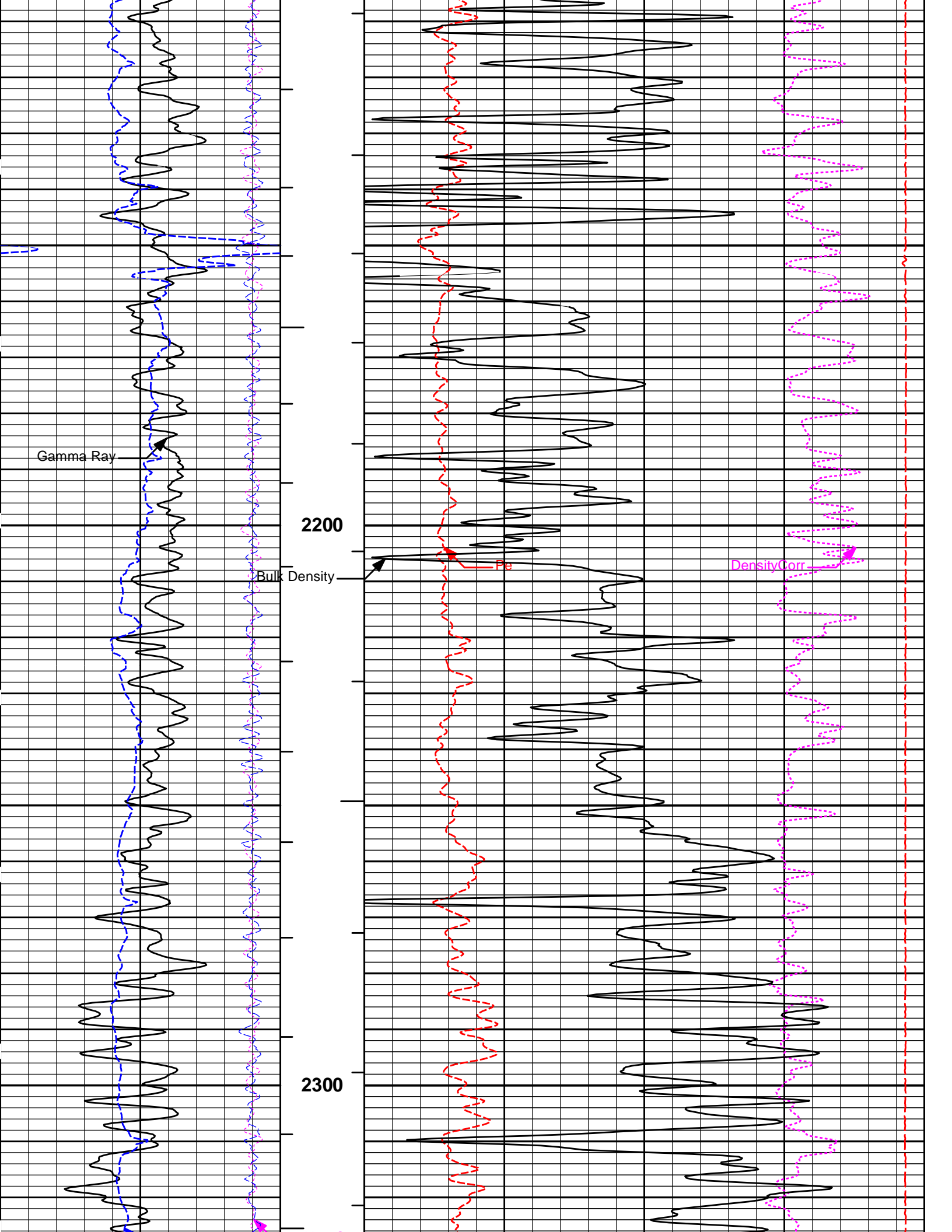
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 Data: MYLES_MCGEHEE17/Well Based\R1 REPEAT POROSITY
 Plot File: \\POROSITY\Porosity_IQ_5_REP_LIB

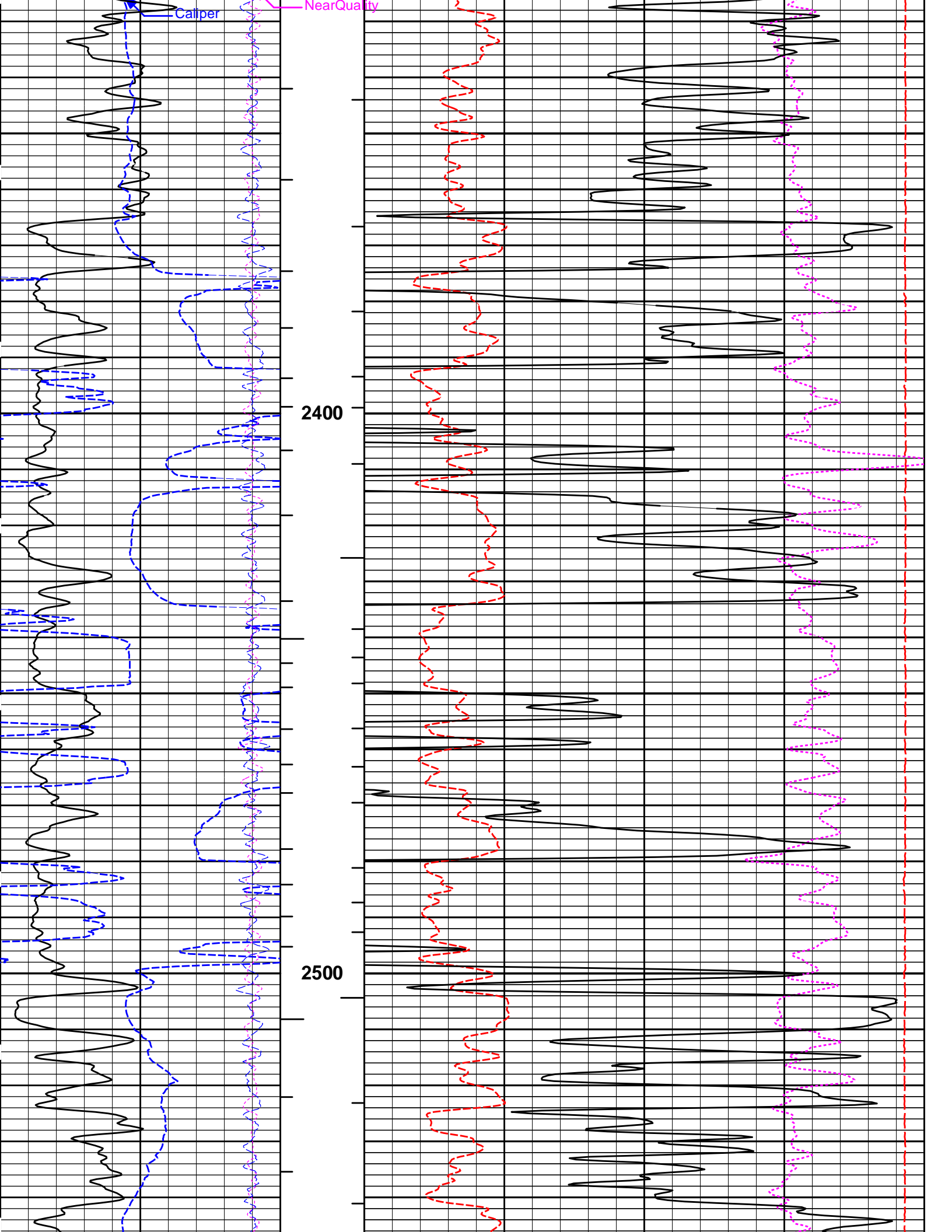
REPEAT SECTION

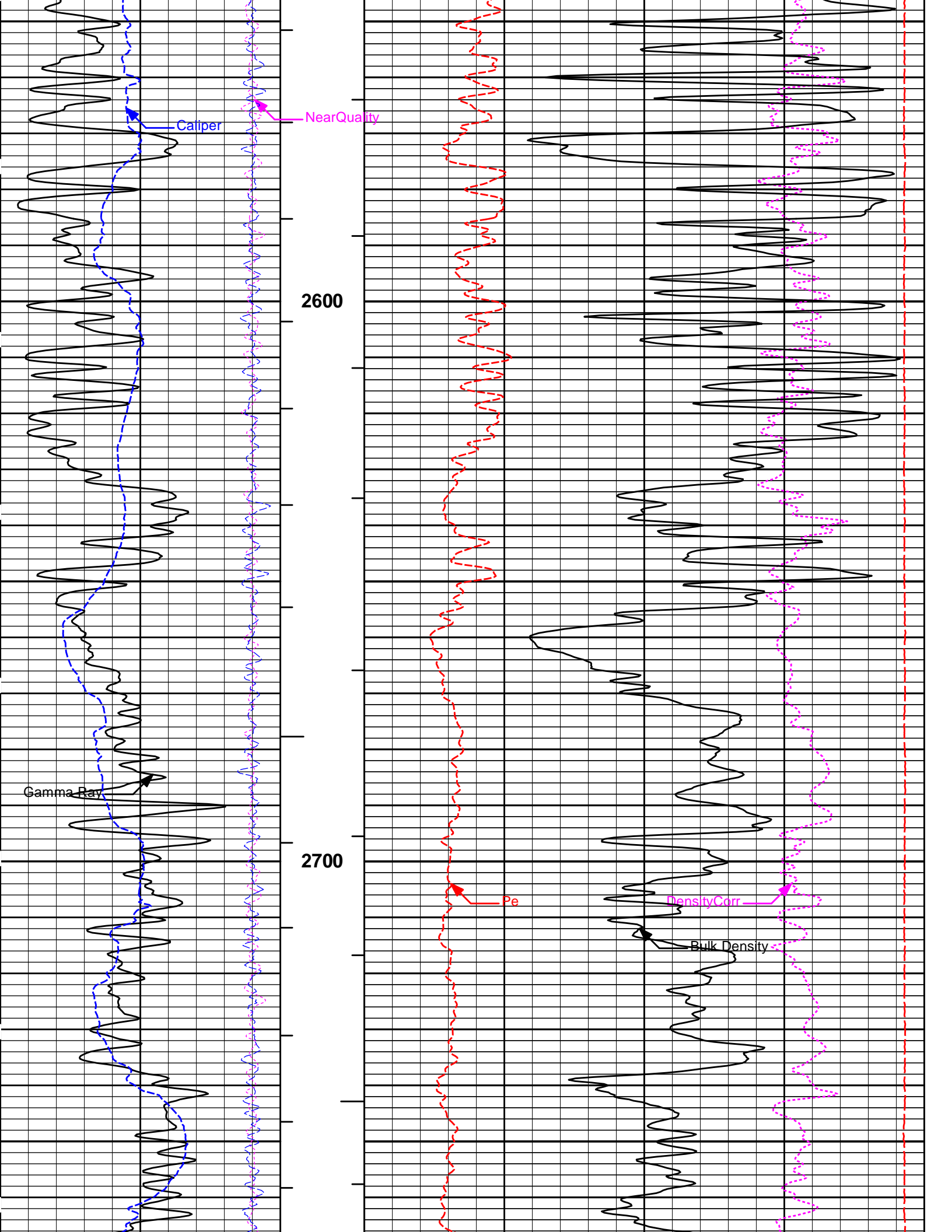
5 INCH MAIN LOG

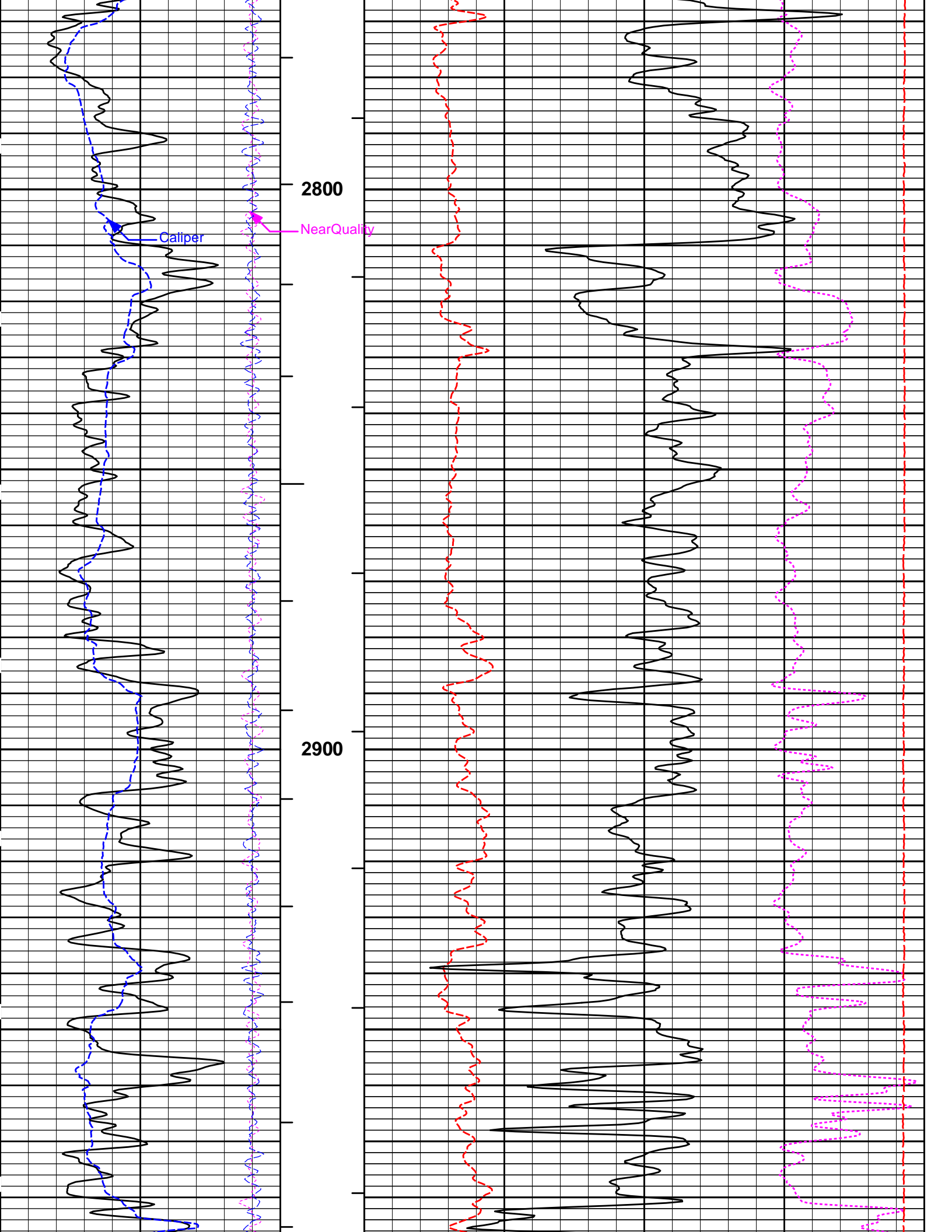


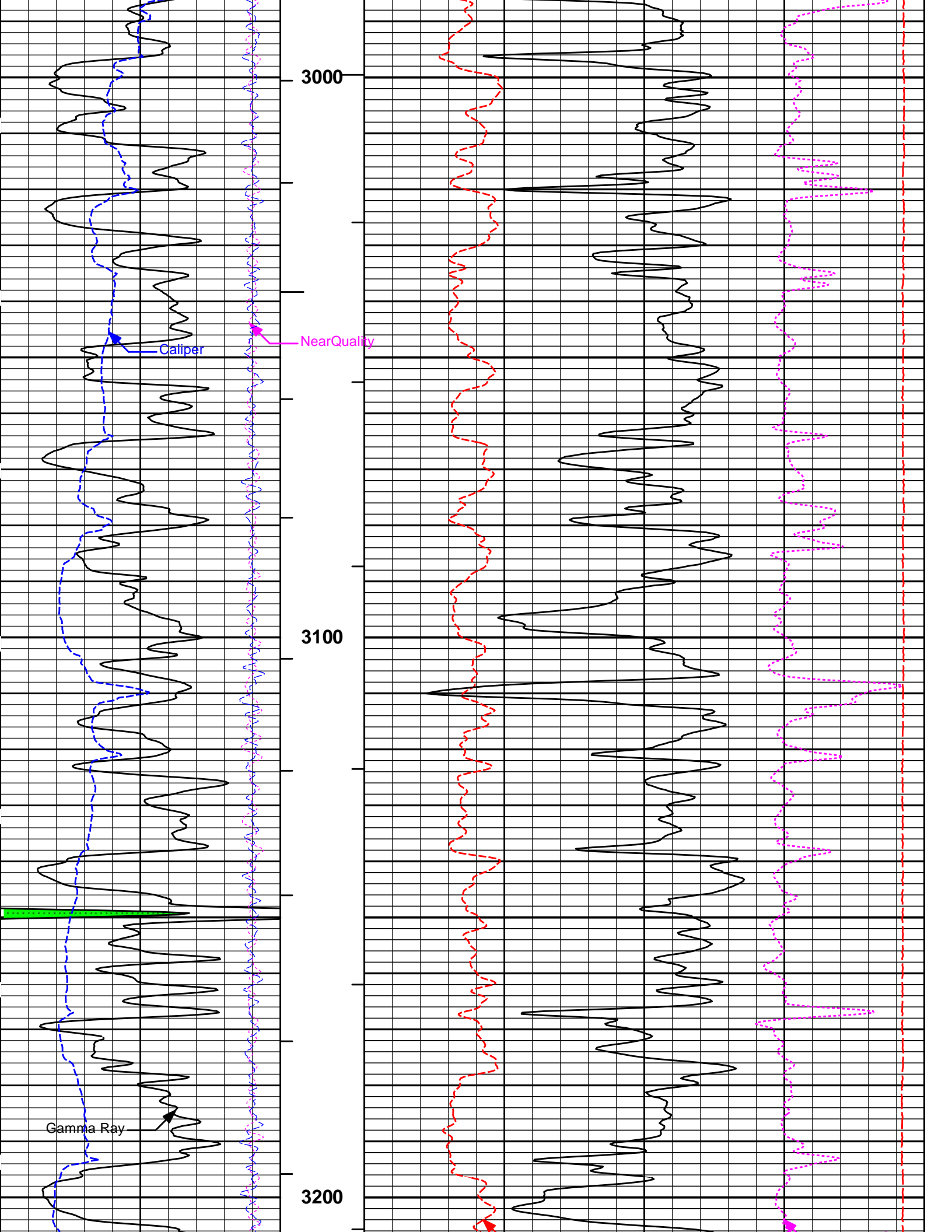


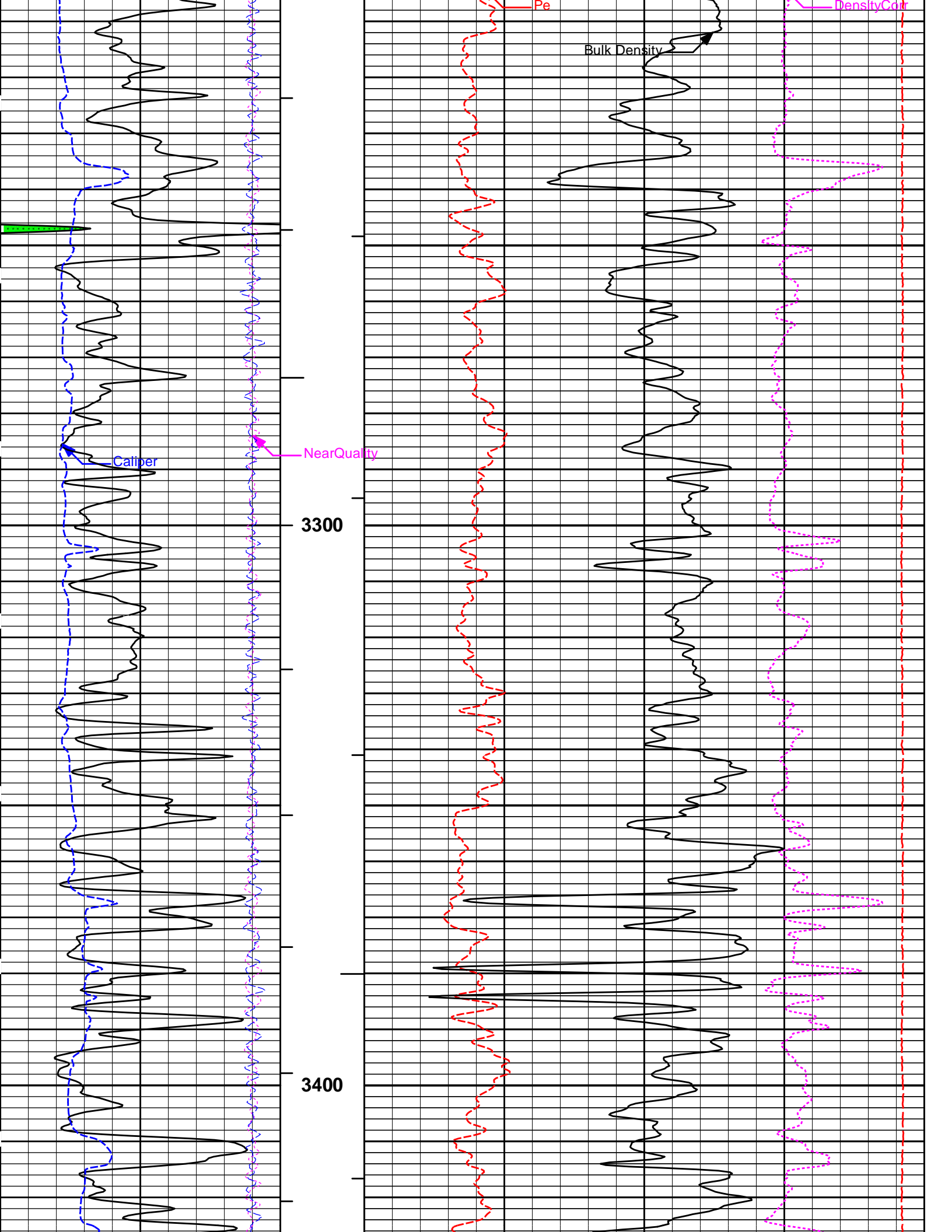


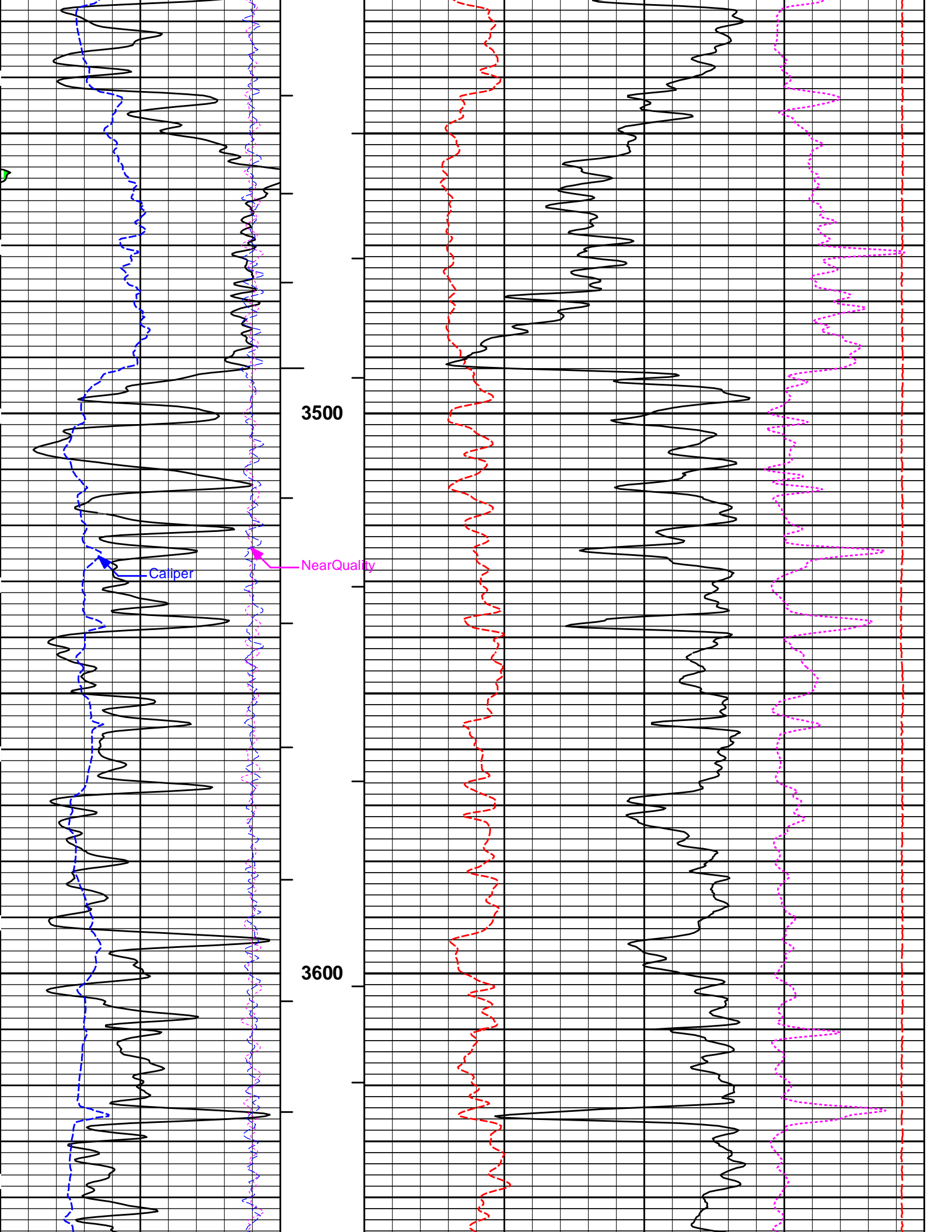


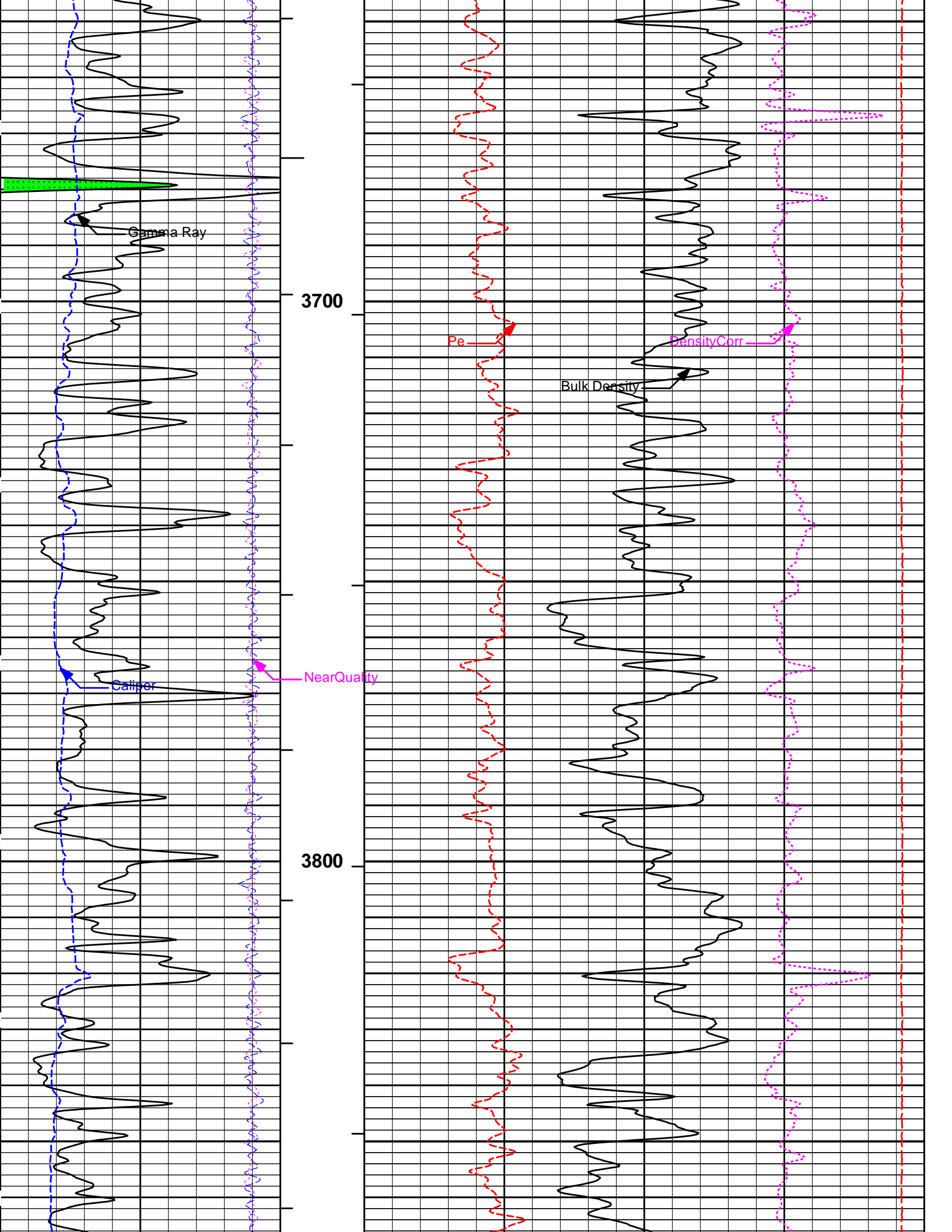


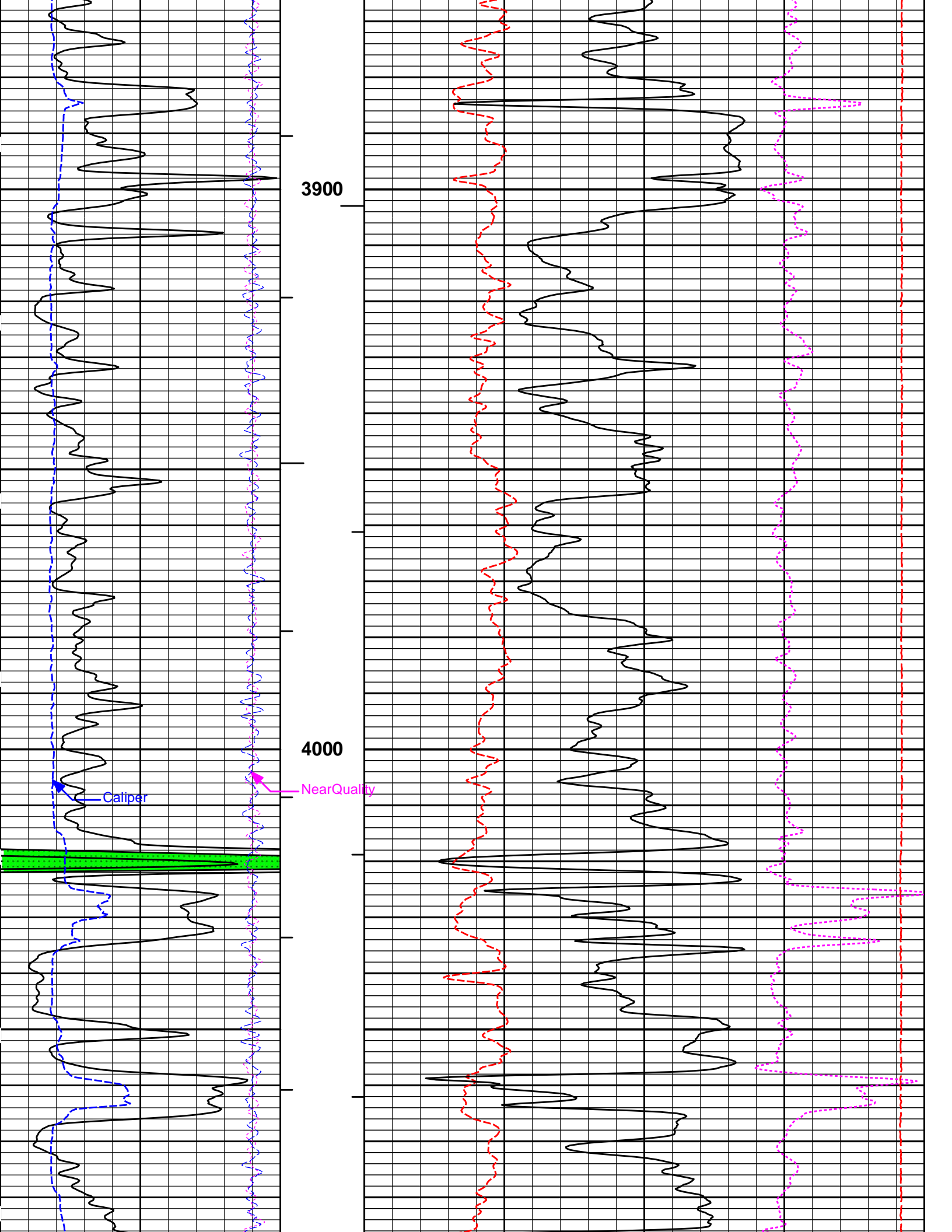


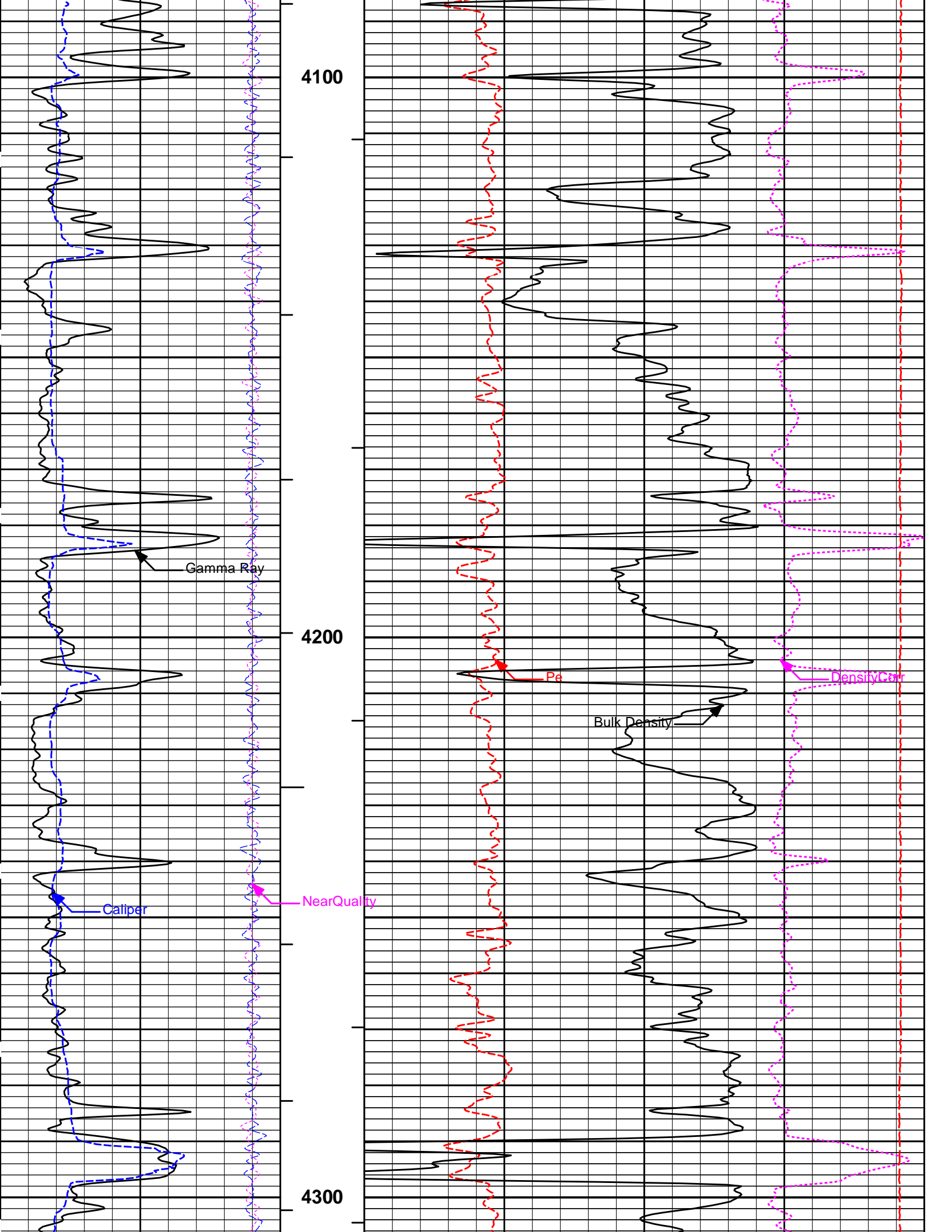


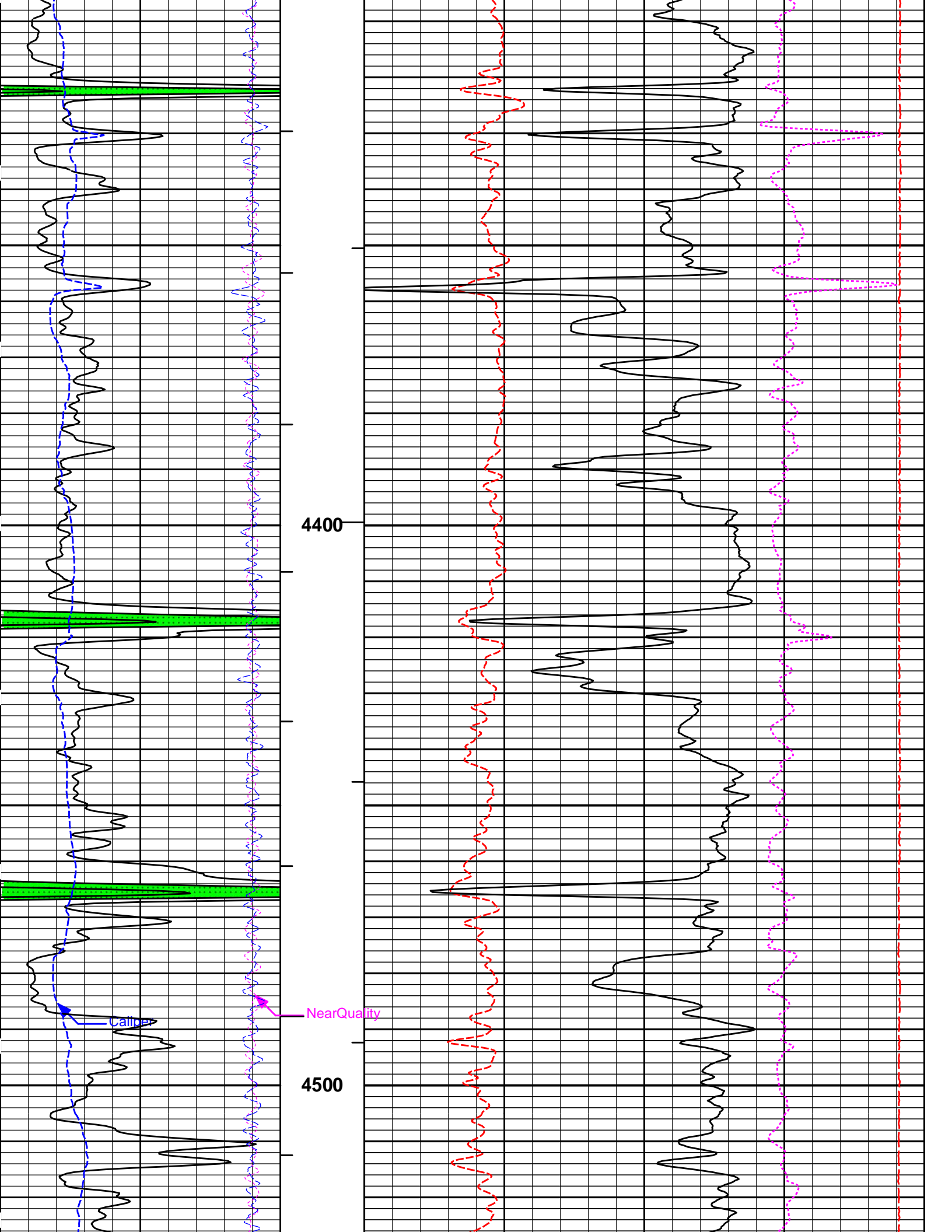


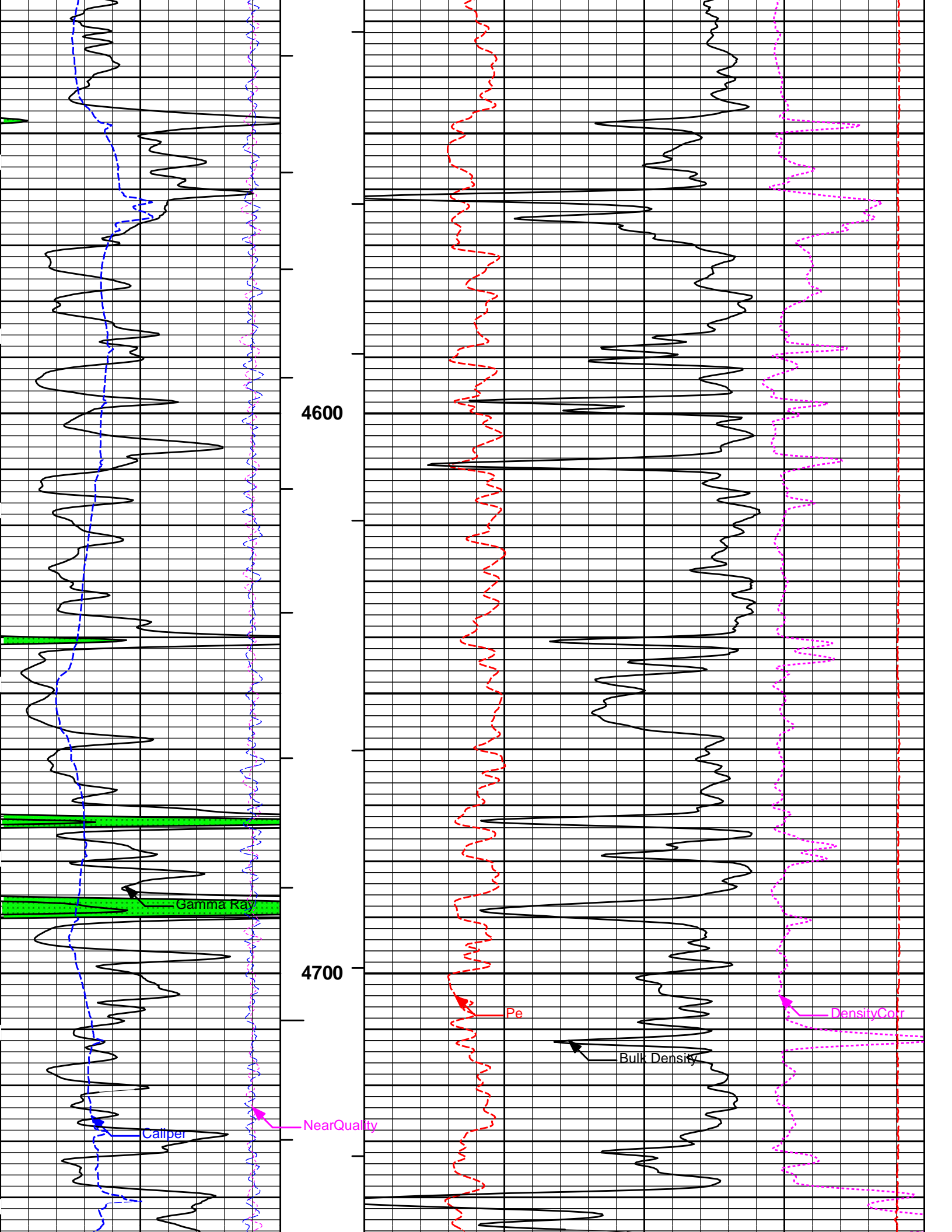


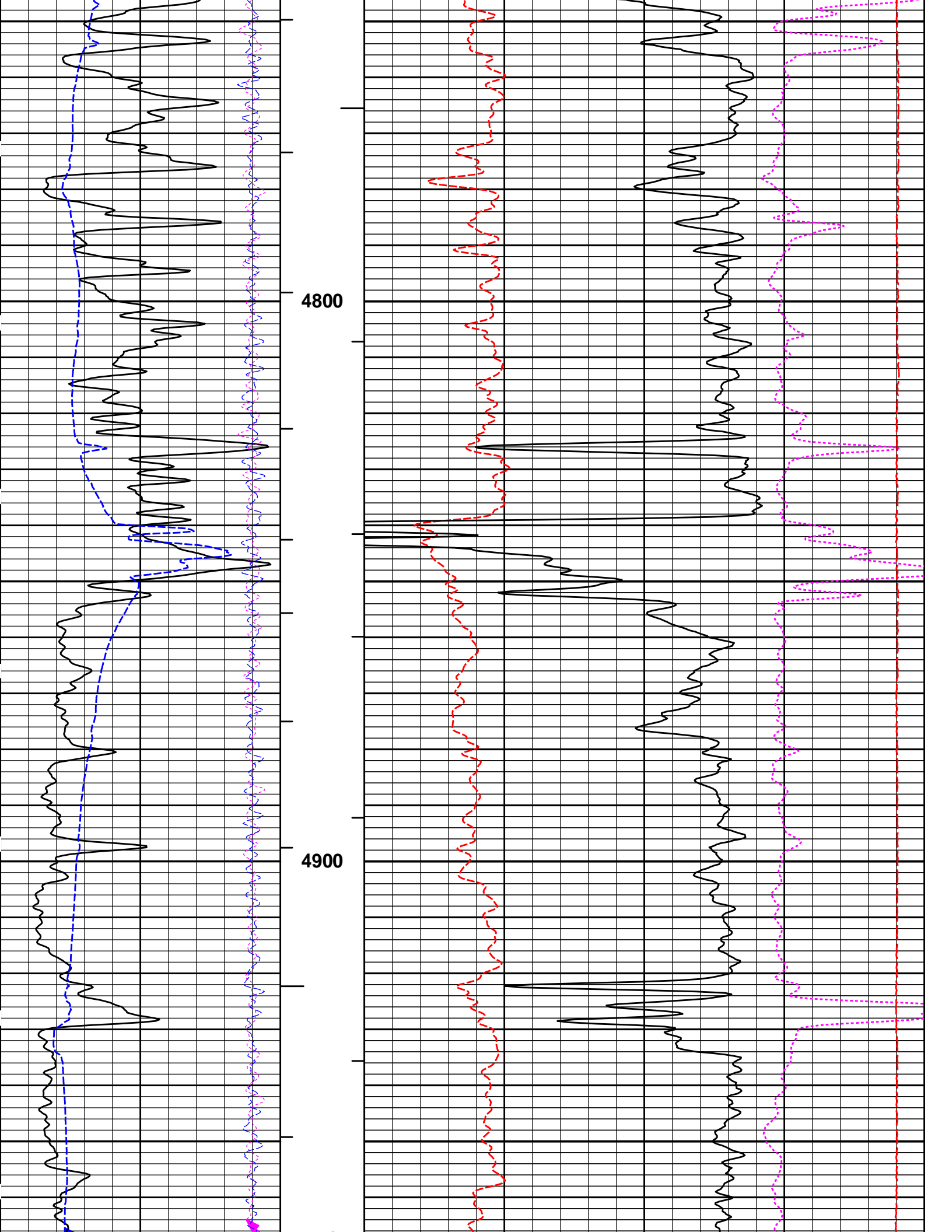


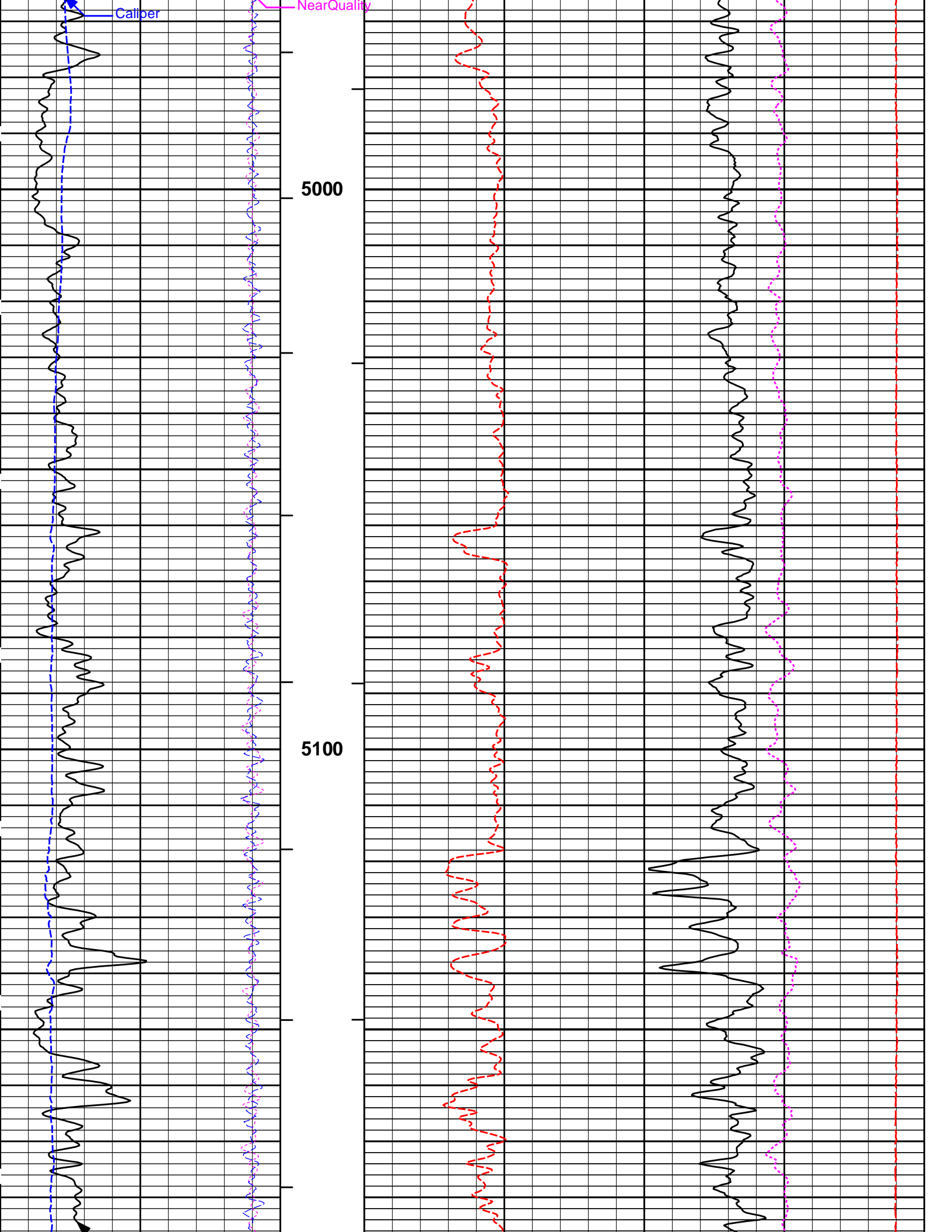


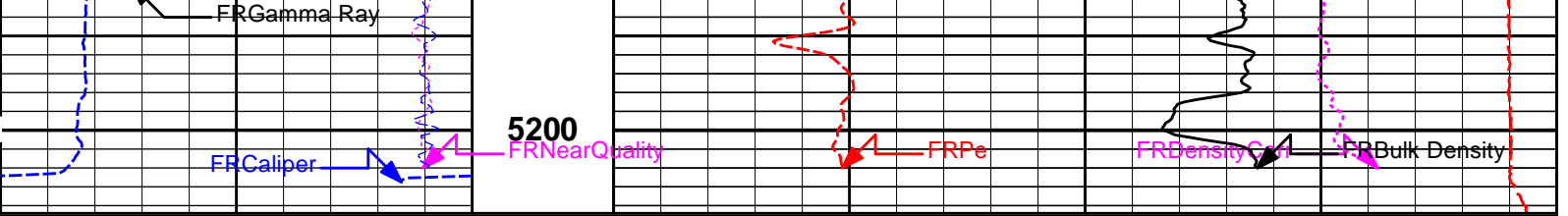












6	Caliper inches	16	MD 1 : 240 ft	0	Pe	10	-0.25	DensityCorr	0.25
-18	NearQuality	2	AHV ft3				15K	Tension pounds	0
18	FarQuality	-2	BHV ft3	2	Bulk Density				3
0	Gamma Ray api	150							
SHALE									

HALLIBURTON

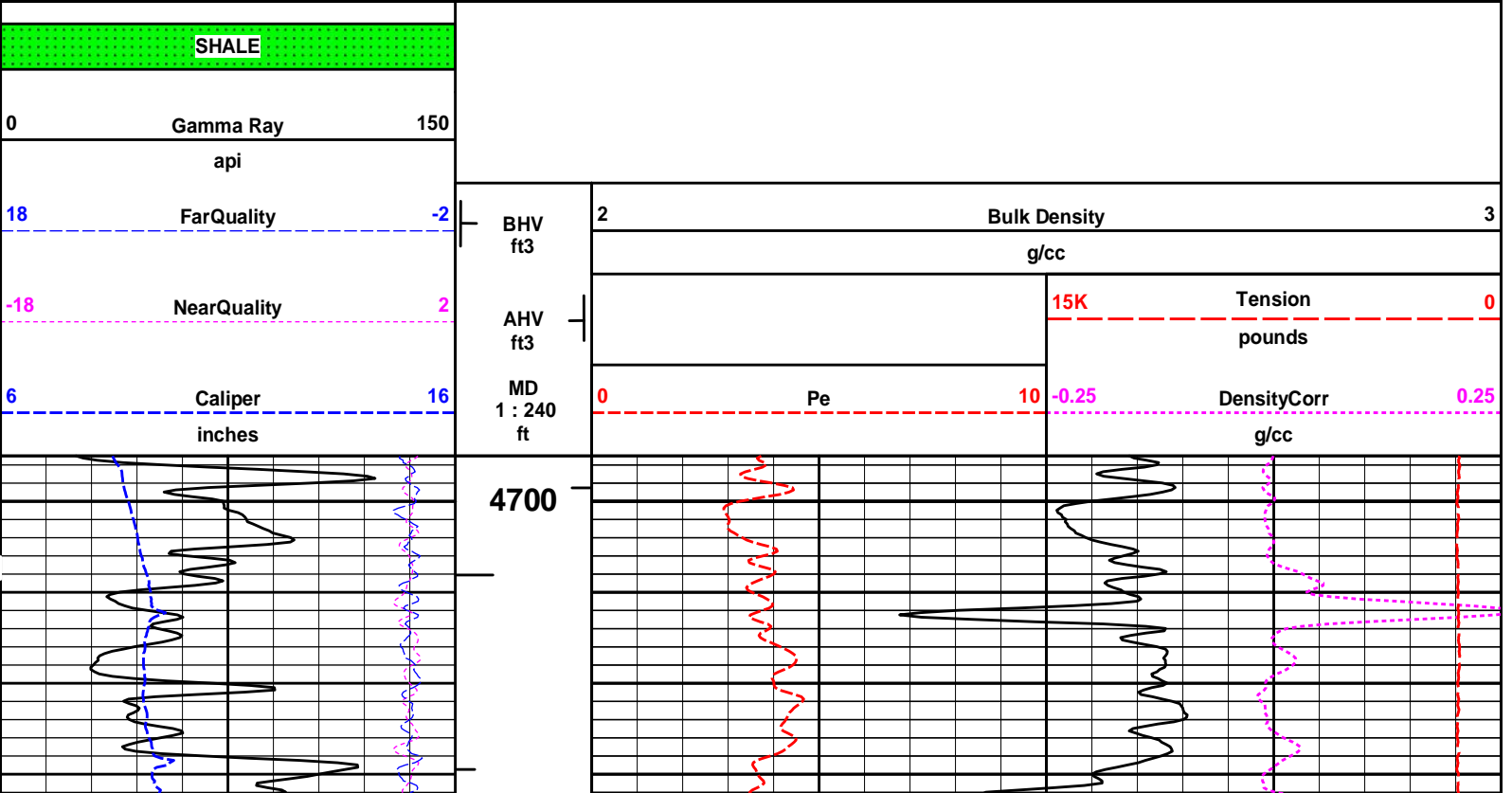
Plot Time: 06-Jun-14 08:55:45
 Plot Range: 1745 ft to 5208.83 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
 Plot File: \\LOCAL\MYLES_MCGEHEE17\Well Based\POROSITY\BULKD_5_MAIN_LIB

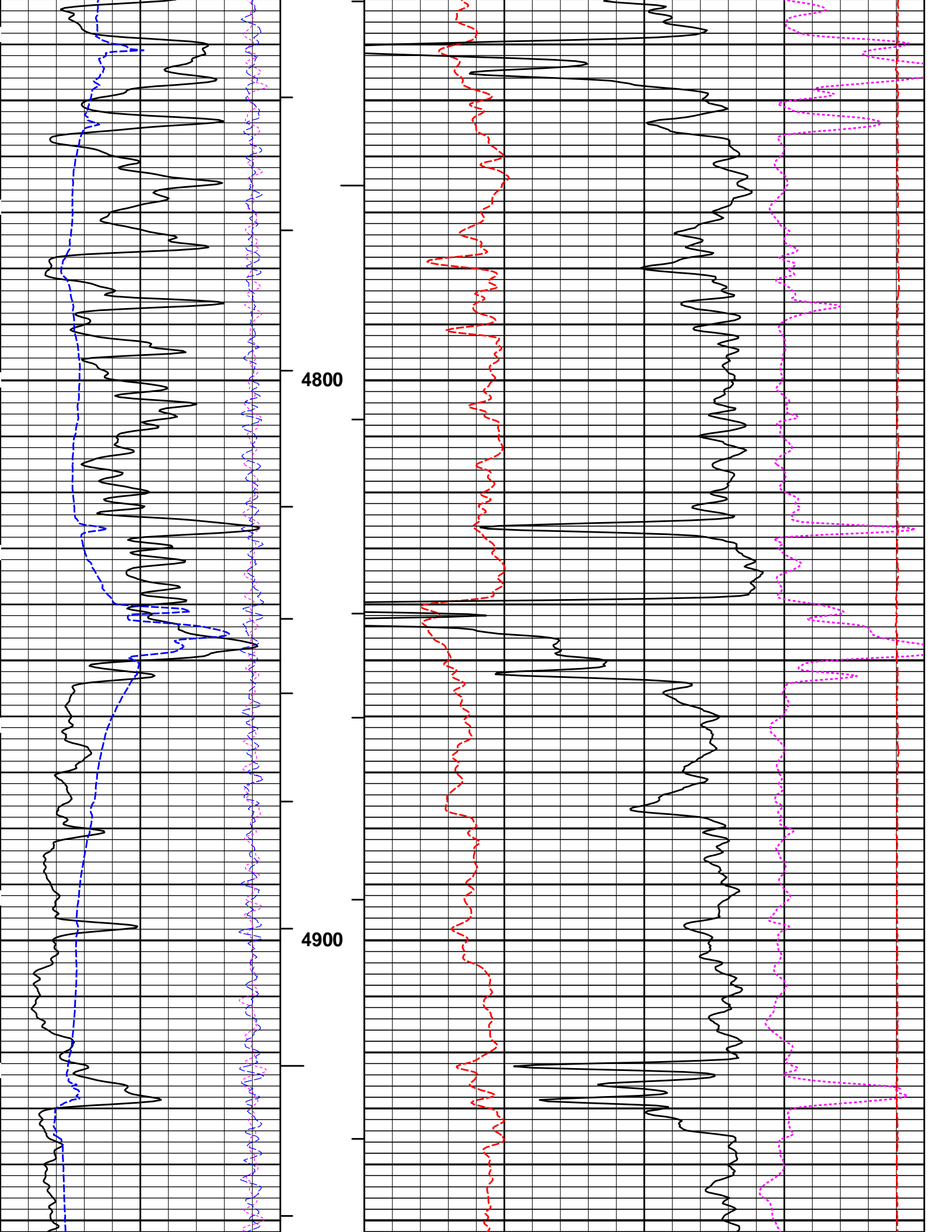
5 INCH MAIN LOG

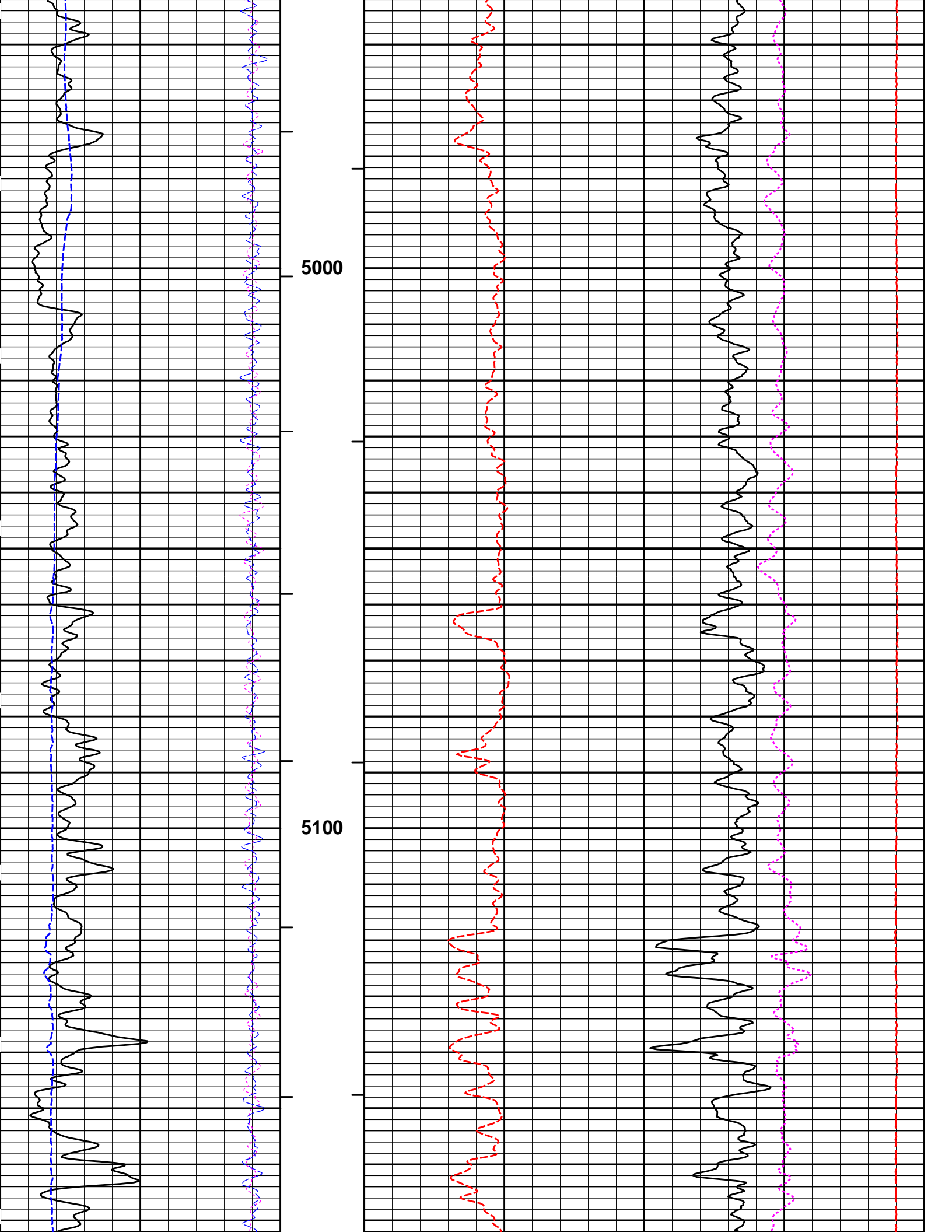
HALLIBURTON

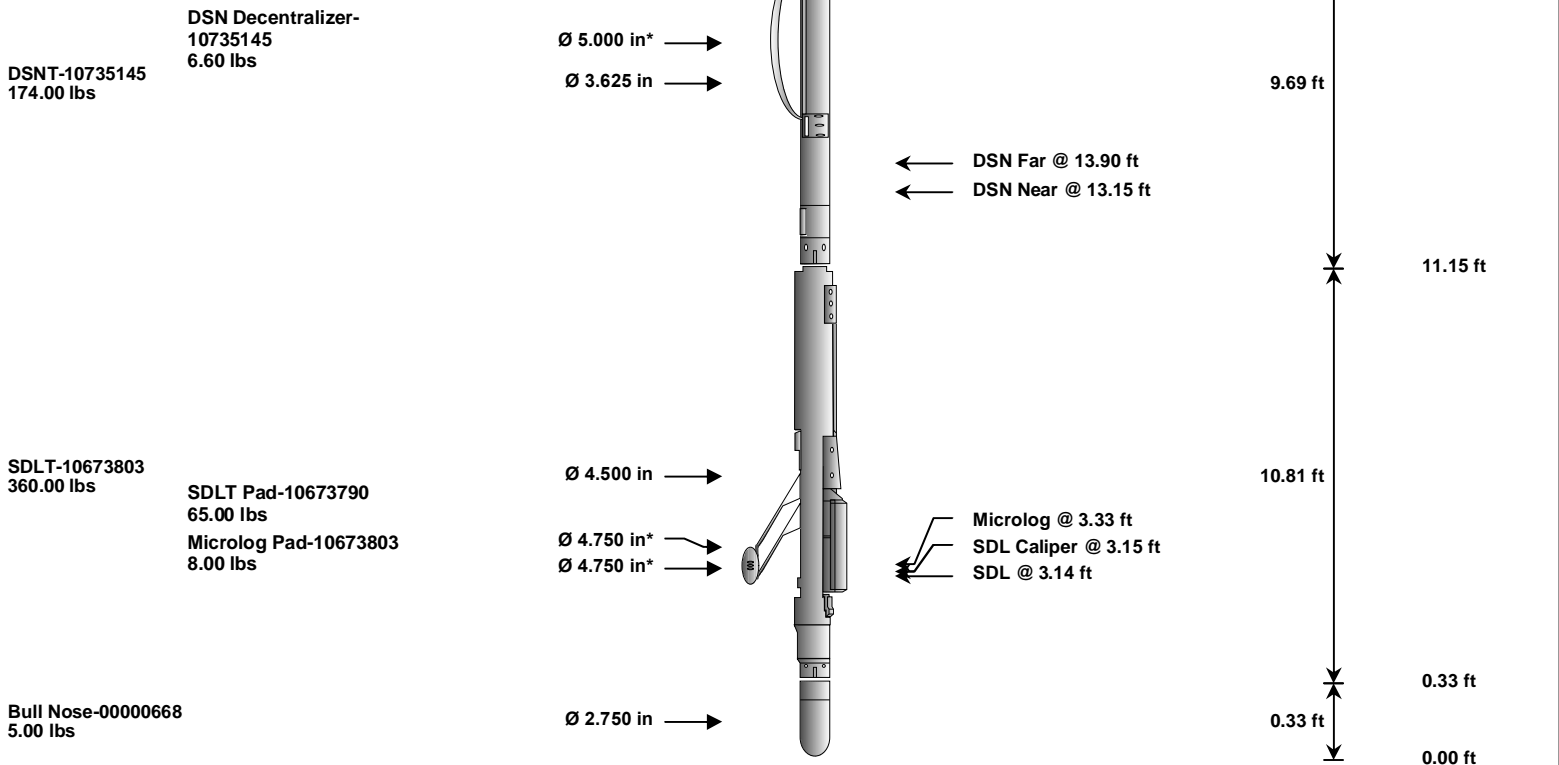
Plot Time: 06-Jun-14 08:55:45
 Plot Range: 4695 ft to 5208.92 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 REPEAT POROSITY\
 Plot File: \\LOCAL\MYLES_MCGEHEE17\Well Based\POROSITY\BULKD_5_REP_LIB

REPEAT SECTION









Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max. Log. Speed (fpm)
RWCH	Releasable Wireline Cable Head	12156658	135.00	6.25	33.09	300.00
SP	SP Sub	12345678	60.00	3.74	29.35	300.00
GTET	Gamma Telemetry Tool	11039640	165.00	8.52	20.83	60.00
DSNT	Dual Spaced Neutron	10735145	174.00	9.69	11.15	60.00
DCNT	DSN Decentralizer	10735145	6.60	5.13 *	14.48	300.00
SDLT	Spectral Density Tool	10673803	360.00	10.81	0.33	60.00
SDLP	Density Insite Pad	10673790	65.00	2.55 *	2.54	60.00
MICP	Microlog Pad	10673803	8.00	1.00 *	2.83	60.00
BLNS	Bull Nose	00000668	5.00	0.33	0.00	300.00
Total			978.60	39.34		

* Not included in Total Length and Length Accumulation.

Data: MYLES_MCGEHEE1710001 SP-GTET-DSNT-SDLT-BN\IDLE Date: 06-Jun-14 04:12:06

HALLIBURTON

PARAMETERS REPORT

Depth (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	9.400	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	2.000	ohmm
	SHARED	TRM	Temperature of Mud	75.0	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	5207.00	ft
SHARED	BHT	Bottom Hole Temperature	135.0	degF
SHARED	SVTM	Navigation and Survey Master Tool	NONE	
SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
SHARED	TEMM	Temperature Master Tool	NONE	
Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
Rwa / CrossPlot	FCHO	Select Source of F	Automatic	
Rwa / CrossPlot	AFAC	Archie A factor	0.6200	
Rwa / CrossPlot	MFAC	Archie M factor	2.1500	
Rwa / CrossPlot	RMFR	Rmf Reference	0.10	ohmm
Rwa / CrossPlot	TMFR	Rmf Ref Temp	75.00	degF
Rwa / CrossPlot	RWA	Resistivity of Formation Water	0.05	ohmm
Rwa / CrossPlot	ADP	Use Air Porosity to calculate CrossplotPhi	No	
Rwa / CrossPlot	BHSM	Borehole Size Source Tool	SDLT	
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 for Gamma Ray Tools.	Eccentered	
GTET	BHSM	Borehole Size Source Tool	SDLT	
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	SHCO	View More Correction Options	No	
DSNT	UTVD	Use TVD for Gradient Corrections?	No	
DSNT	LHWT	Logging Horizontal Water Tank?	No	
DSNT	BHSM	Borehole Size Source Tool	SDLT	
SDLT	CLOK	Process Caliper Outputs?	Yes	
SDLT Pad	DNOK	Process Density?	Yes	
SDLT Pad	DNOK	Process Density EVR?	No	
SDLT Pad	CB	Logging Calibration Blocks?	No	
SDLT Pad	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT Pad	DTWN	Disable temperature warning	No	
SDLT Pad	DMA	Formation Density Matrix	2.710	g/cc
SDLT Pad	DFL	Formation Density Fluid	1.000	g/cc
SDLT Pad	BHSM	Borehole Size Source Tool	SDLT	
Microlog Pad	MLOK	Process MicroLog Outputs?	Yes	

BOTTOM

Data: MYLES_MCGEHEE17A0001 SP-GTET-DSNT-SDLT-BN001 06-Jun-14 04:23 Dn @3.3f

Date: 06-Jun-14 04:35:12

HALLIBURTON

CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name: GTET - 11039640	Reference Calibration Date: 19-Sep-13 09:56:50
Engineer: SHELDON INGERSOLL	Calibration Date: 25-Apr-14 12:27:40
Software Version: WL INSITE R4.2.0 (Build 2)	Calibration Version: 1

Calibrator Source S/N: Error
 Calibrator API Reference:265.00 api
 Equivalent Calibrator API Reference:269.6 api

Measurement	Measured	Calibrated	Units
Background	61.3	60.1	api
Background + Calibrator	336.2	329.8	api
Calibrator	274.9	269.6	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name: GTET - 11039640	Reference Calibration Date: 25-Apr-14 12:27:40
Engineer: SHELDON INGERSOLL	Calibration Date: 05-Jun-14 21:49:32
Software Version: WL INSITE R4.2.0 (Build 2)	Calibration Version: 1

Calibrator Source S/N: Error
 Calibrator API Reference:265.00 api
 Equivalent Calibrator API Reference:269.6 api

Field Verification	Shop	Field	Units
Background	60.1	41.6	api
Background + Calibrator	329.8	318.3	api
Calibrator	269.6	276.7	api

Shop	Field	Difference	Tolerance
269.6	276.7	-7.1	+/- 9.00

DUAL SPACED NEUTRON SHOP CALIBRATION

Tool Name: DSNT - 10735145	Reference Calibration Date: 05-May-14 09:35:44
Engineer: J. BOLLLOM	Calibration Date: 30-May-14 15:09:57
Software Version: WL INSITE R4.2.0 (Build 2)	Calibration Version: 1

Logging Source S/N: DSN-436
 Tank Serial Number: LIBERAL
 Reference value assigned to Tank: 51.680
 Snow Block S/N: 668
 Calibration Tank Water Temperature: 70 degF
 Min. Tool Housing Outside Diameter: 3.620 in

CALIBRATION CONSTANTS			
Measurement	Prev. Value	New Value	Control Limit On New Value
Gain:	0.951	0.956	0.900 - 1.100

WATER TANK SUMMARY (Horizontal Water Tank)				
Measurement	Current Reading (Previous Coef.)	Calibrated (New Coef.)	Change	Control Limit On Change
Porosity (decp):	0.2092	0.2107	0.0014	+/- 0.0020
Calibrated Ratio:	9.67	9.72	0.049	+/- 0.050

VERIFIER		
Measurement	Value	Control Limit
Snow Block Density (decp):	0.0005	0.00000 - 0.00000

PASS/FAIL SUMMARY

Background Check:	Passed
Gain-Range Check:	Passed
Snow-Block Check:	Passed

DUAL SPACED NEUTRON FIELD CALIBRATION

Tool Name: DSNT - 10735145	Reference Calibration Date: 30-May-14 15:09:57
Engineer: SHELDON INGERSOLL	Calibration Date: 05-Jun-14 22:05:43
Software Version: WL INSITE R4.2.0 (Build 2)	Calibration Version: 1

Logging Source S/N: DSN-436
 Snow Block S/N: 668

NEUTRON FIELD-CHECK SUMMARY

	Shop	Field	Difference	Control Limit On Change
Snow-Block Porosity (decp):	0.0605	0.0734	0.0129	+/- 0.0150

PASS/FAIL SUMMARY

Block Change Check:	Passed
Snow Block Stat Check:	Passed
Temperature Check:	Passed

DENSITY CALIPER SHOP CALIBRATION

Tool Name: SDLT - 10673803	Reference Calibration Date: 19-Feb-14 11:36:45
Engineer: thomas hyde	Calibration Date: 18-Mar-14 10:01:07
Software Version: WL INSITE R4.2.0 (Build 2)	Calibration Version: 1
Host Tool Name: DSNT - 10735145	

CALIBRATION COEFFICIENTS

Measurement	Previous Value	New Value	Control Limit On New Value
Pad Offset	-4075.69	-4085.93	-7000.00 - -1000.00
Pad Gain	0.0003810	0.0003931	0.000200 - 0.000600
Arm Offset	-4794.44	-4798.17	-5000.00 - 3000.00
Arm Gain	0.0005107	0.0004777	0.000300 - 0.000700
Arm Power	-0.000005244	-0.000002983	-0.000010000 - 0.000010000

The ring diameter is computed from: $DIAMETER = PAD\ EXTENSION + ARM\ EXTENSION + TOOL\ DIAMETER$
 Tool Diameter: 4.50 in

CALIBRATION RINGS

Measurement	Current Reading (Previous Coeff.)	Calibrated (New Coeff.)	Change	Control Limit On New Value
PAD EXTENSION:				
Small Ring (in)	1.94	2.00	0.06	+/- 0.20
Medium Ring (in)	3.64	3.75	0.11	+/- 0.20
RING DIAMETER:				
Small Ring (in)	6.63	6.50	-0.13	+/- 0.20
Medium Ring (in)	8.45	8.25	-0.20	+/- 0.20
Large Ring (in)	15.08	15.00	-0.08	+/- 0.20

PASS/FAIL SUMMARY

Calibration-Coefficients Range Check:	Passed
Ring-Measurement Check:	Passed

PASS/FAIL SUMMARY

SDLT CALIPER FIELD CALIBRATIONTool Name: **SDLT - 10673803**Reference Calibration Date: **18-Mar-14 10:01:07**Engineer: **SHELDON INGERSOLL**Calibration Date: **05-Jun-14 21:59:55**Software Version: **WL INSITE R4.2.0 (Build 2)**Calibration Version: **1****MEASURED CALIPER VALUES**

Measurement	Shop	Field	Change	Control Limit On New Value
Pad Extension	3.75	3.71	-0.04	+/- 0.10
Ring Diameter	8.25	8.26	0.01	+/- 0.15

PASS/FAIL SUMMARY

Pad Extension Check:	Passed
Diameter Check:	Passed

SPECTRAL DENSITY SHOP CALIBRATIONTool Name: **SDLT Pad - 10673790**Reference Calibration Date: **02-May-14 16:07:32**Engineer: **J. BOLLUM**Calibration Date: **30-May-14 14:22:19**Software Version: **WL INSITE R4.2.0 (Build 2)**Calibration Version: **1**

Logging Source S/N: 5073 GW

Aluminum Block S/N: LIBERAL

Density: 2.598g/cc

Pe: 3.170

Magnesium Block S/N: LIBERAL

Density: 1.684g/cc

Pe: 2.598

DENSITY CALIBRATION SUMMARY

Measurement	Previous Value	New Value	Control Limit
Near Bar Gain	1.0154	1.0225	0.90 - 1.10
Near Dens Gain	1.0022	0.9956	0.90 - 1.10
Near Peak Gain	1.0005	0.9760	0.90 - 1.10
Near Lith Gain	0.9764	0.9473	0.90 - 1.10
Far Bar Gain	1.0103	1.0114	0.90 - 1.10
Far Dens Gain	0.9983	0.9978	0.90 - 1.10
Far Peak Gain	0.9899	0.9903	0.90 - 1.10
Far Lith Gain	0.9592	0.9567	0.90 - 1.10
Near Bar Offset	0.1275	0.0641	NONE
Near Dens Offset	0.2399	0.2962	NONE
Near Peak Offset	0.2598	0.4564	NONE
Near Lith Offset	0.4487	0.6769	NONE
Far Bar Offset	0.1000	0.0948	NONE
Far Dens Offset	0.1703	0.1795	NONE
Far Peak Offset	0.1935	0.1922	NONE
Far Lith Offset	0.3443	0.3611	NONE
Near Bar Background	845.87	845.52	700 - 1450
Near Dens Background	277.30	275.40	230 - 480
Near Peak Background	121.08	120.99	100 - 210
Near Lith Background	150.20	149.60	125 - 260
Far Bar Background	567.39	565.80	450 - 900
Far Dens Background	222.91	222.66	175 - 345
Far Peak Background	87.89	87.52	70 - 140
Far Lith Background	92.06	92.21	75 - 145

CALIBRATION BLOCK SUMMARY

Measurement	Current Reading (Previous Coef)	Calibrated (New Coef)	Change	Control Limit On Change
MAGNESIUM				
Density (g/cc)	1.689	1.684	-0.005	+/- 0.015
Pe	2.459	2.562	0.103	+/- 0.150
ALUMINUM				
Density (g/cc)	2.601	2.598	-0.003	+/- 0.01500
Pe	3.087	3.131	0.044	+/- 0.150

TOOL SUMMARY

Measurement	Near Detector		Far Detector	
	Value	Control Limits	Value	Control Limits
QUALITY				
Background	-0.0014	+/- 0.0110	-0.0010	+/- 0.0140
Magnesium Block	-0.0001	+/- 0.0110	-0.0005	+/- 0.0140
Aluminum Block	-0.0006	+/- 0.0110	0.0007	+/- 0.0140
Resolution	8.57	6.00 - 11.50	8.92	6.00 - 11.50
Internal Verifier(B+D+P+L)	1392	1200 - 2700	968	800 - 1700

PASS/FAIL SUMMARY

Background Quality Check:	Passed
Background Range Check:	Passed
Background Resolution Check:	Passed
Background Verification Check:	Passed
Magnesium Quality Check:	Passed
Aluminum Quality Check:	Passed
Gains Check:	Passed
Changes in Calibration Blocks:	Passed

SPECTRAL DENSITY FIELD CHECK

Tool Name:	SDLT Pad - 10673790	Reference Calibration Date:	30-May-14 14:22:19
Engineer:	SHELDON INGERSOLL	Calibration Date:	05-Jun-14 21:48:17
Software Version:	WL INSITE R4.2.0 (Build 2)	Calibration Version:	1

Pad Temperature: 85.8 degF

DENSITY FIELD CALIBRATION SUMMARY

Measurement	Shop	Field	Change	Control Limit +/-
Near (B+D+P+L) cps	1391.512	1393.061	1.549	15.068
Far (B+D+P+L) cps	968.196	969.348	1.152	16.735
Near Resolution	8.57	8.60	0.030	0.50
Far Resolution	8.92	9.02	0.100	1.00

PASS/FAIL SUMMARY

Bkg Quality Check:	Passed
Bkg Resolution Check:	Passed
Bkg Verification Check:	Passed

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
--------	------	-------	------	------------	-----------	-------

Gamma Ray Calibrator	269.6	276.7	-----	-7.1	+/- 9.00	api
DSNT-10735145						
Snow-Block Porosity	0.0605	0.0734	-----	-0.0129	+/- 0.0150	decp
SDLT-10673803						
Pad Extension	3.75	3.71	-----	0.04	+/-0.10	in
Ring Diameter	8.25	8.26	-----	-0.01	+/-0.15	in
SDLT Pad-10673790						
Near(B+D+P+L)	1391.512	1393.061	-----	-1.549	+/-15.068	cps
Far(B+D+P+L)	968.196	969.348	-----	-1.152	+/-16.735	cps

Data: MYLES MCGFHEE1710001 SP-GTET-DSNT-SDLT-BN1001 06-Jun-14 04:23 Dn @3.3f

Date: 06-Jun-14 04:35:52

HALLIBURTON**INPUTS, DELAYS AND FILTERS TABLE**

Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
Depth Panel				
TENS	Tension	0.00	NO	
Rwa / CrossPlot				
TPUL	Tension Pull	39.34	NO	
BS	Bit Size	39.34	NO	
HDIA	Measured Hole Diameter	0.00	NO	
RWCH				
DHTN	DownholeTension	0.00	BLK	0.000
SP Sub				
PLTC	Plot Control Mask	31.31	NO	
SP	Spontaneous Potential	31.31	BLK	1.250
SPR	Raw Spontaneous Potential	31.31	NO	
SPO	Spontaneous Potential Offset	31.31	NO	
GTET				
TPUL	Tension Pull	23.29	NO	
GR	Natural Gamma Ray API	23.29	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	23.29	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	23.29	W	1.416 , 0.750
HDIA	Measured Hole Diameter	0.00	NO	
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	
DSNT				
TPUL	Tension Pull	13.05	NO	
RNDS	Near Detector Telemetry Counts	13.15	BLK	1.417
RFDS	Far Detector Telemetry Counts	13.90	TRI	0.583
DNTT	DSN Tool Temperature	13.15	NO	
DSNS	DSN Tool Status	13.05	NO	
ERND	Near Detector Telemetry Counts EVR	13.15	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	13.90	BLK	0.000
ENTM	DSN Tool Temperature EVR	13.15	NO	
HDIA	Measured Hole Diameter	0.00	NO	
SDLT				
TPUL	Tension Pull	3.15	NO	
PCAI	Pad Caliper	3.15	TRI	0.250

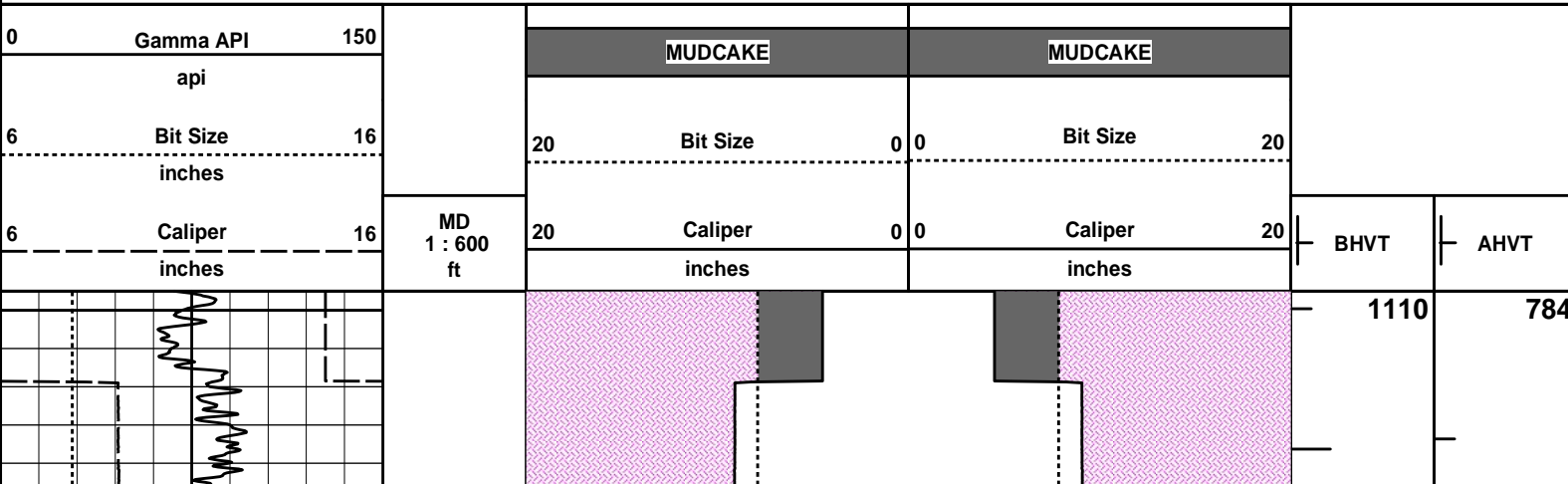
ACAL	Arm Caliper	3.15	TRI	0.250
SDLT Pad				
TPUL	Tension Pull	3.14	NO	
NAB	Near Above	2.96	BLK	0.920
NHI	Near Cesium High	2.96	BLK	0.920
NLO	Near Cesium Low	2.96	BLK	0.920
NVA	Near Valley	2.96	BLK	0.920
NBA	Near Barite	2.96	BLK	0.920
NDE	Near Density	2.96	BLK	0.920
NPK	Near Peak	2.96	BLK	0.920
NLI	Near Lithology	2.96	BLK	0.920
NBAU	Near Barite Unfiltered	2.96	BLK	0.250
NLIU	Near Lithology Unfiltered	2.96	BLK	0.250
FAB	Far Above	3.31	BLK	0.250
FHI	Far Cesium High	3.31	BLK	0.250
FLO	Far Cesium Low	3.31	BLK	0.250
FVA	Far Valley	3.31	BLK	0.250
FBA	Far Barite	3.31	BLK	0.250
FDE	Far Density	3.31	BLK	0.250
FPK	Far Peak	3.31	BLK	0.250
FLI	Far Lithology	3.31	BLK	0.250
PTMP	Pad Temperature	3.15	BLK	0.920
NHV	Near Detector High Voltage	2.54	NO	
FHV	Far Detector High Voltage	2.54	NO	
ITMP	Instrument Temperature	2.54	NO	
DDHV	Detector High Voltage	2.54	NO	
HDIA	Measured Hole Diameter	0.00	NO	

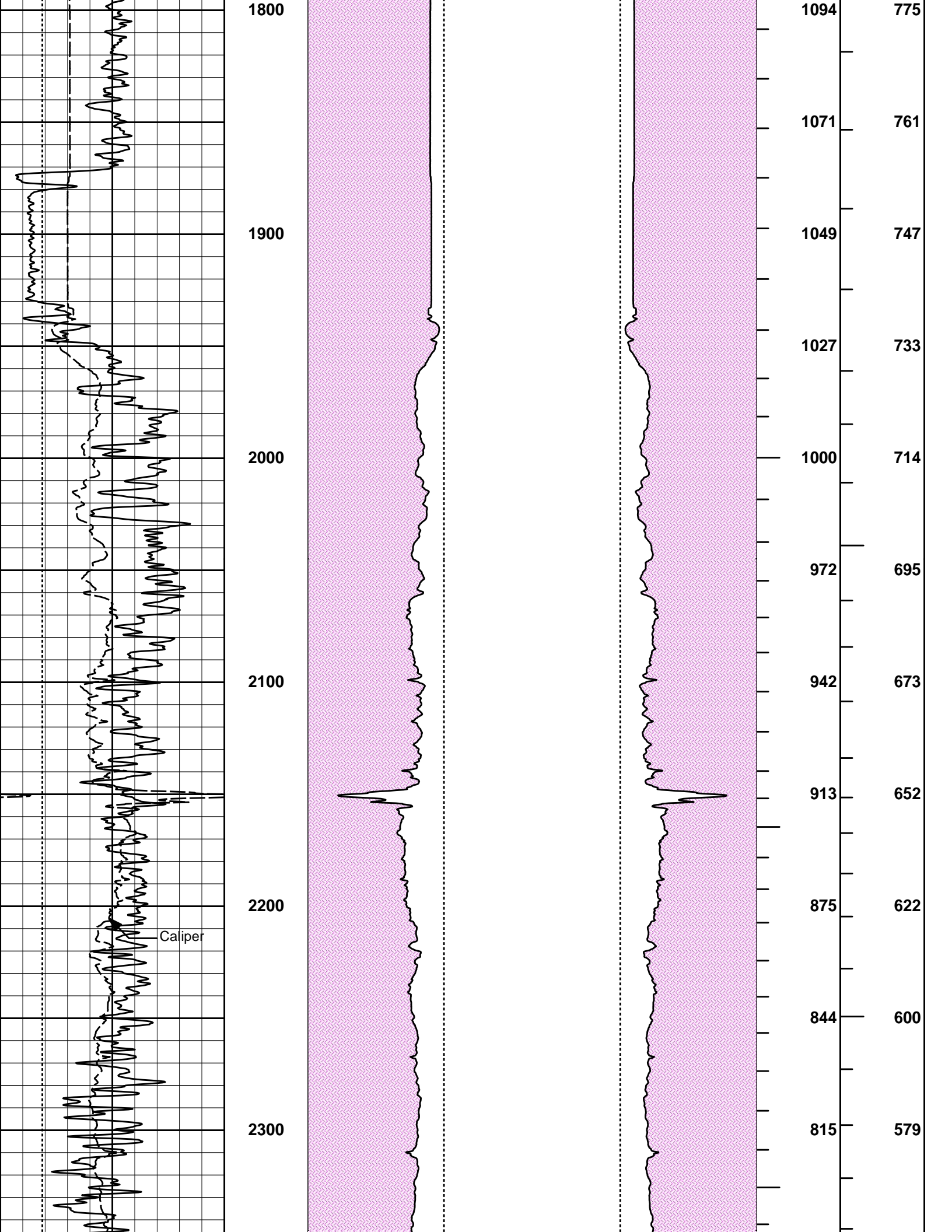
Microlog Pad				
TPUL	Tension Pull	3.33	NO	
MINV	Microlog Lateral	3.33	BLK	0.750
MNOR	Microlog Normal	3.33	BLK	0.750
Data: MYLES_MCGEHEE17\0001 SP-GTET-DSNT-SDLT-BNIDLE			Date: 06-Jun-14 07:49:01	

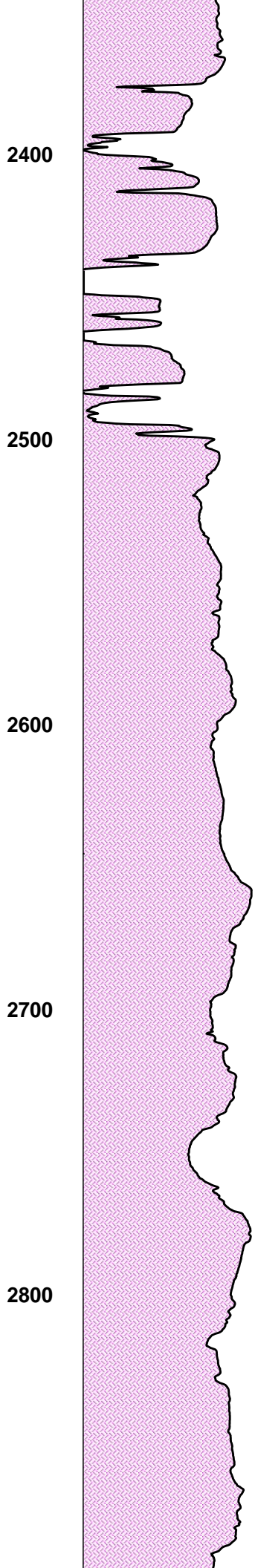
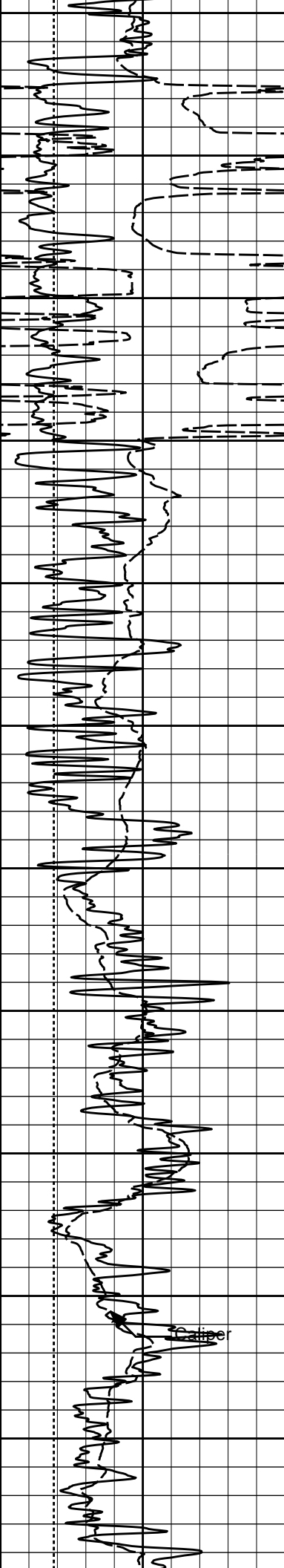
HALLIBURTON

Plot Time: 06-Jun-14 08:55:47
Plot Range: 1745 ft to 5208.83 ft
Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
Plot File: \\LOCAL\MYLES_MCGEHEE17\Well Based\POROSITY\AHV_2_IQ_LIB

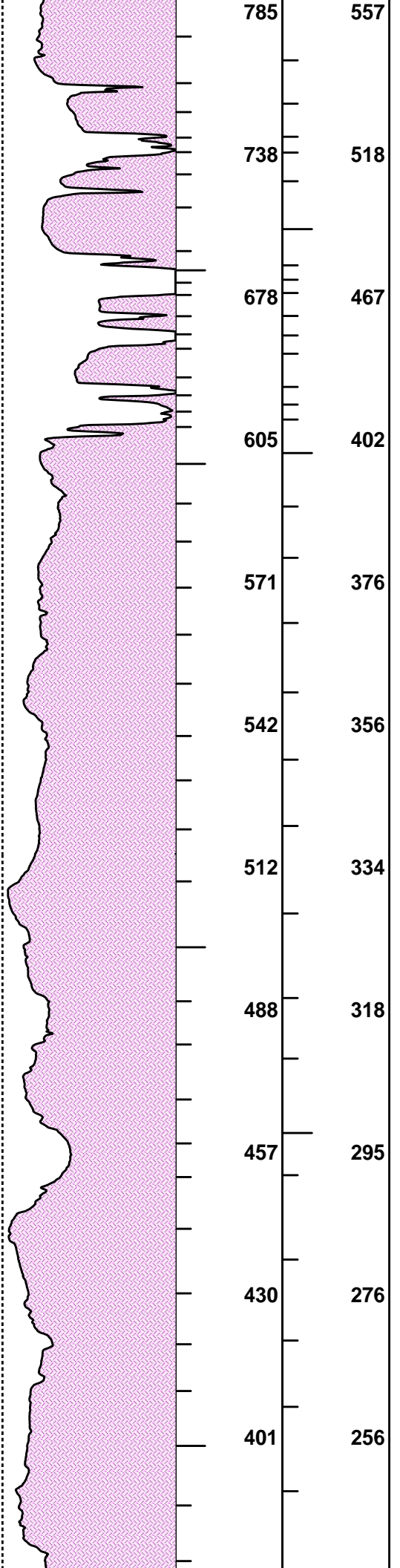
ANNULAR HOLE VOLUME PLOT

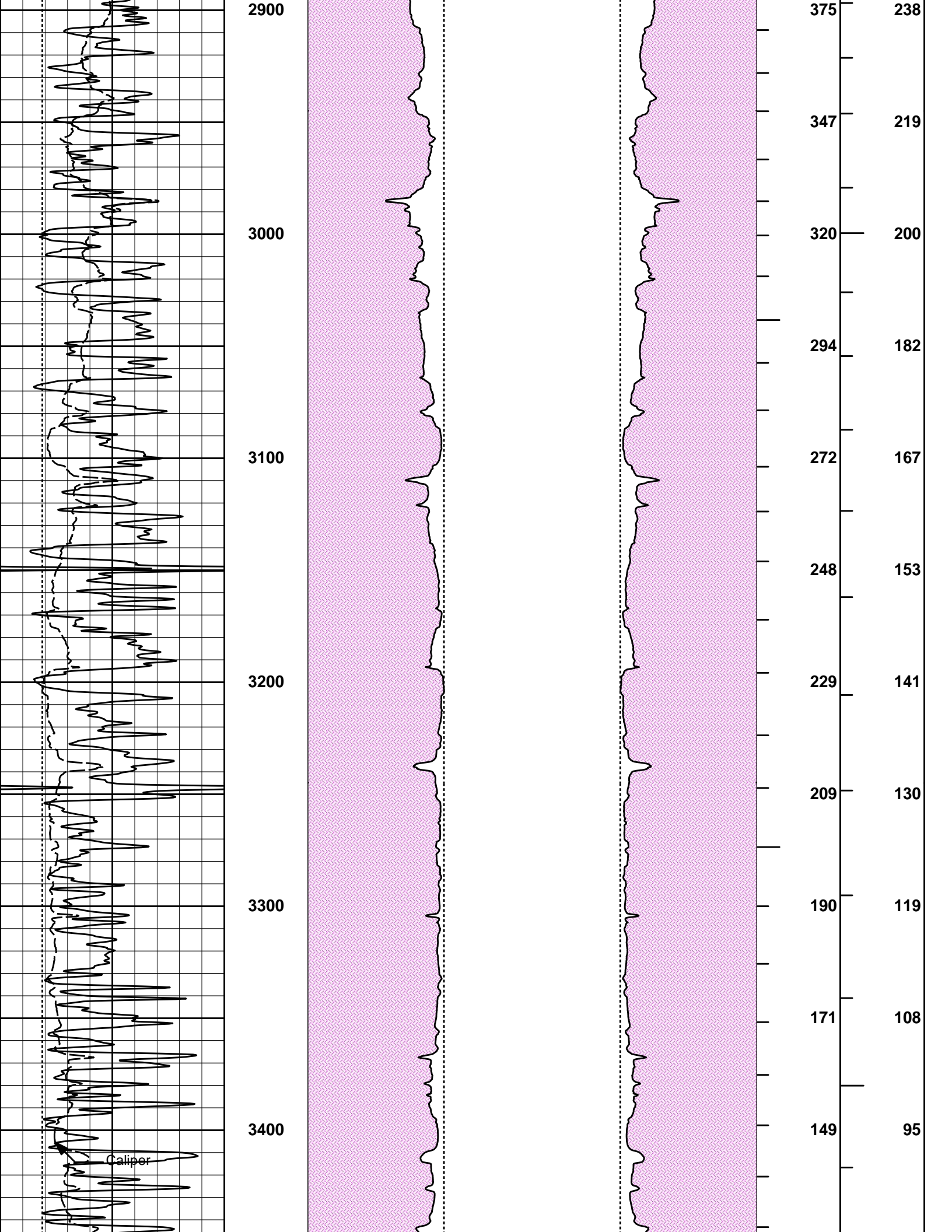


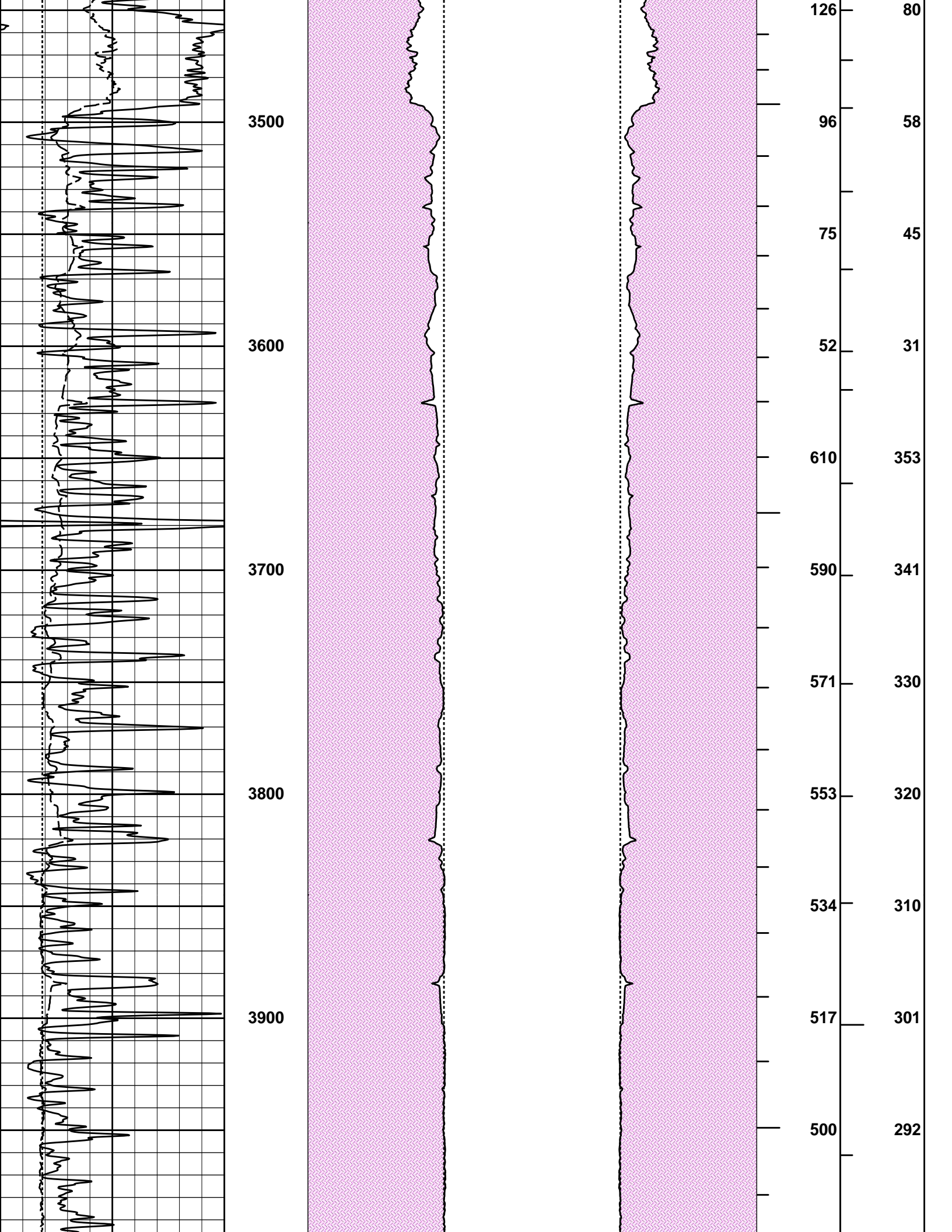




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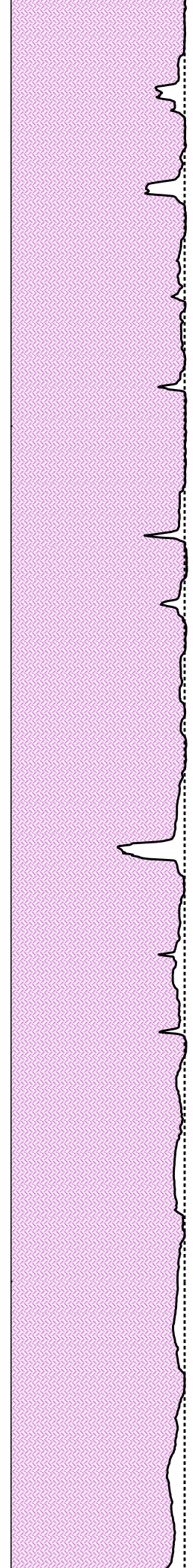




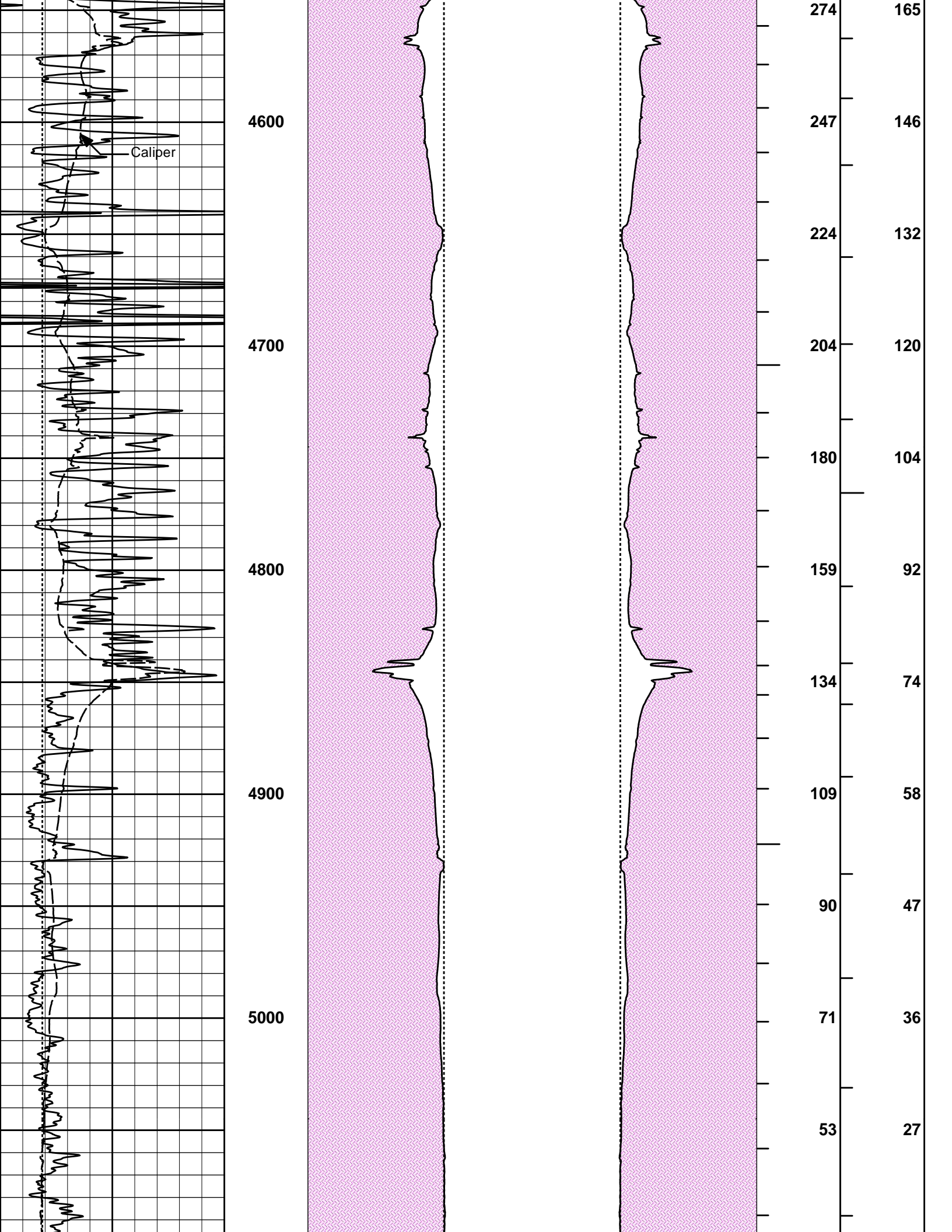


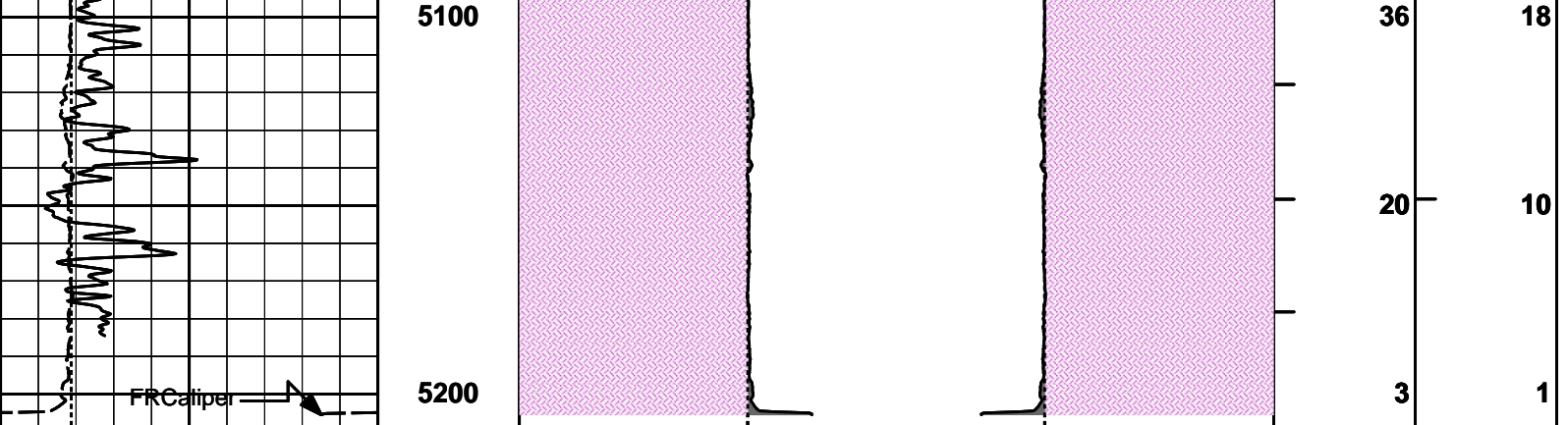


4000
4100
4200
4300
4400
4500



483 283
464 273
445 262
427 253
410 243
392 233
371 221
352 210
333 200
314 189
295 178





6	Caliper	16	MD 1 : 600 ft	20	Caliper	0 0	20	BHVT	AHVT	
	inches					inches				
6	Bit Size	16			20	Bit Size	0 0	20		
	inches									
0	Gamma API	150								
	api									
					MUDCAKE		MUDCAKE			

HALLIBURTON

Plot Time: 06-Jun-14 08:55:49
 Plot Range: 1745 ft to 5208.83 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
 Plot File: \\-LOCAL-MYLES_MCGEHEE17\Well Based\POROSITY\AHV_2_IQ_LIB

ANNULAR HOLE VOLUME PLOT

COMPANY	BENGALIA LAND AND CATTLE		
WELL	MYLES MCGEHEE 1-7		
FIELD	WILDCAT		
COUNTY	GRAY	STATE	KANSAS
HALLIBURTON		DUAL SPACED NEUTRON SPECTRAL DENSITY LOG	



PAGE 1 of 1	CUST NO 1001414	INVOICE DATE 05/27/2014
INVOICE NUMBER 1717 - 91500037		

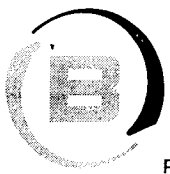
Liberal (620) 624-2277
 B BENGALIA LAND AND CATTLE CO
 I PO Box: 521008
 L TULSA
 L OK US 74152
 T
 O **ATTN:** CALVIN HULLUIM FR

J LEASE NAME Myles McGehee # 1-7
O LOCATION
B COUNTY Gray
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40726258	70192		Net - 30 days	06/26/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 05/23/2014 to 05/23/2014				
0040726258				
171705819C Cement-New Well Casing/Pi 05/23/2014 8 5/8 Surface				
A-Con' Blend	440.00	EA	12.18	5,359.80 T
Premium Plus Cement	150.00	EA	10.68	1,601.26 T
Calcium Chloride	1,524.00	EA	0.69	1,047.99 T
Celloflake	148.00	EA	2.42	358.63 T
C-51	83.00	EA	16.37	1,358.94 T
"Guide Shoe - Regular, 7"" (Blue)"	1.00	EA	248.87	248.87
"Flapper Ins. Ft. Vlv., 8 5/8"" (Blue)	1.00	EA	183.38	183.38
Antelope Strd Bow Cent. 8 5/8 X 12 1/4	4.00	EA	94.96	379.85
"Cmt Basket, Canvas 7 5/8"	1.00	EA	687.66	687.66
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	147.36	147.36
Heavy Equipment Mileage	180.00	MI	4.58	825.19
Blending & Mixing Service Charge	590.00	BAG	0.92	540.96
"Proppant & Bulk Del. Chgs., per ton mil	1,665.00	EA	1.44	2,398.95
Depth Charge; 1001'-2000'	1.00	EA	982.37	982.37
High Head Charge (Over 6')	1.00	EA	196.47	196.47
Plug Container Util. Chg.	1.00	EA	163.73	163.73
"Unit Mileage Chg (PU, cars one way)"	60.00	MI	2.78	167.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	114.61	114.61

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	16,763.02
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	710.04
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	17,473.06
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET

1717 05819 *AC*

DATE _____ TICKET NO. _____

DATE OF JOB <i>5-23-14</i> DISTRICT <i>1717</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <i>Bengalia Land & Cattle</i>		LEASE <i>Myles McBelice #17</i> WELL NO.:							
ADDRESS		COUNTY <i>Gray</i> STATE <i>KS</i>							
CITY STATE		SERVICE CREW <i>E Mendora, J DeAvila, C Garcia</i>							
AUTHORIZED BY <i>J Bennett JRB</i>		JOB TYPE: <i>242 8 5/8" Surface</i>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<i>34726</i>	<i>8</i>					<i>5-23-14</i>	<i>5:00</i>		
<i>27462</i>	<i>8</i>					ARRIVED AT JOB			<i>9:30</i>
<i>14385</i>	<i>8</i>					START OPERATION			<i>4:00</i>
<i>37725</i>	<i>8</i>					FINISH OPERATION			<i>5:00</i>
<i>19827</i>	<i>8</i>					RELEASED			<i>6:00</i>
<i>19883</i>	<i>8</i>					MILES FROM STATION TO WELL			<i>60 mi</i>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Jack W. [Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<i>CL101</i>	<i>A-Cen</i>	<i>SK</i>	<i>440</i>		<i>8184 00</i>
<i>CL110</i>	<i>Premium Plus</i>	<i>SK</i>	<i>150</i>		<i>2445 00</i>
<i>CC109</i>	<i>Calcium Chloride</i>	<i>lb</i>	<i>1504</i>		<i>1600 20</i>
<i>CC102</i>	<i>Cellflake</i>	<i>lb</i>	<i>148</i>		<i>547 60</i>
<i>CC130</i>	<i>CS</i>	<i>lb</i>	<i>83</i>		<i>2075 00</i>
<i>CF253</i>	<i>8 5/8" Guide Shoe</i>	<i>ea</i>	<i>1</i>		<i>380 00</i>
<i>CF453</i>	<i>Insert</i>				<i>280 00</i>
<i>CF4405</i>	<i>Centralizer</i>		<i>4</i>		<i>580 00</i>
<i>CF4555</i>	<i>Basket</i>		<i>1</i>		<i>1090 00</i>
<i>CF105</i>	<i>Plug</i>		<i>1</i>		<i>225 00</i>
<i>E101</i>	<i>Heavy Equip. rent Mileage</i>	<i>mi</i>	<i>180</i>		<i>1260 00</i>
<i>CF240</i>	<i>Blending & Mixup Service</i>	<i>SK</i>	<i>590</i>		<i>826 00</i>
<i>EL13</i>	<i>Propant + Bulk Delivery</i>	<i>ton</i>	<i>1665</i>		<i>3663 00</i>
<i>CE202</i>	<i>Pump Opn 1001-2000'</i>	<i>hr</i>	<i>1</i>		<i>1500 00</i>
<i>CE503</i>	<i>Wash Head 20'</i>	<i>ea</i>	<i>1</i>		<i>300 00</i>
<i>CE504</i>	<i>Plug Controller</i>	<i>ea</i>	<i>1</i>		<i>250 00</i>
<i>E100</i>	<i>Unit Mileage</i>	<i>mi</i>	<i>60</i>		<i>255 00</i>
<i>5003</i>	<i>Service Supervisor</i>	<i>ea</i>	<i>1</i>		<i>175 00</i>
SUB TOTAL					<i>16763.02</i>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <i>Deel Dura</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Jack W. [Signature]</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

Cement Report

Customer <i>Bengalia Land + Cattle</i>		Lease No.	Date <i>5-23-14</i>
Lease <i>Myles Mc Grellee</i>		Well # <i>1-7</i>	Service Receipt <i>05819</i>
Casing <i>8 5/8 24#</i>	Depth <i>1770'</i>	County <i>Gray</i>	State <i>KCS</i>
Job Type <i>242 8 5/8 Sur face</i>	Formation	Legal Description <i>7-25-30</i>	

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8" 24#</i>	Tubing Size	Shots/Ft		Lead <i>440 slt</i> <i>A Con</i>
Depth <i>1770'</i>	Depth	From	To	
Volume <i>DISP-110 gal</i>	Volume	From	To	Tail in <i>150</i> <i>Class C</i>
Max Press <i>1500#</i>	Max Press	From	To	
Well Connection <i>TD-1768'</i>	Annulus Vol.	From	To	
Plug Depth <i>42-55</i>	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:30</i>					<i>on loc-site assessment</i>
<i>9:45</i>					<i>spot trucks rig up</i>
<i>11:00</i>					<i>start CSG + float equip</i>
<i>3:00</i>					<i>CSG on botm, break circ</i>
<i>3:30</i>					<i>safety meeting - JSA</i>
<i>4:00</i>					<i>pressure test 2000#</i>
<i>4:00</i>	<i>200</i>		<i>231</i>	<i>5</i>	<i>mix + pump 440 slt A-Con @ 11.4# 295 gal</i>
<i>4:45</i>	<i>100</i>		<i>36</i>	<i>5</i>	<i>waited to fail 150 slt Class C @ 14.8# 1.34 gal</i>
<i>4:40</i>	<i>100</i>		<i>0</i>	<i>5</i>	<i>drop plug, disp CSG</i>
<i>4:35</i>	<i>700</i>		<i>90</i>	<i>2</i>	<i>slow rate</i>
<i>4:55</i>	<i>800</i>		<i>100</i>	<i>1</i>	<i>slow rate</i>
<i>5:00</i>	<i>1300</i>		<i>110</i>	<i>0</i>	<i>land plug, float held</i>
					<i>circ cut to surface</i>
					<i>job complete</i>

Service Units	<i>3472</i>	<i>27462</i>	<i>14355-37725</i>	<i>19827-19883</i>	
Driver Names	<i>A. Divera</i>	<i>E. Mendoza</i>	<i>J. Pelhita</i>	<i>C. Garcia</i>	

Walt
Customer Representative

J. Bennett
Station Manager

A. Divera
Cementer



PAGE 1 of 1	CUST NO 1001414	INVOICE DATE 06/09/2014
INVOICE NUMBER 1717 - 91510880		

Liberal (620) 624-2277
 B BENGALIA LAND AND CATTLE CO
 I PO Box: 521008
 L TULSA
 L OK US 74152
 T
 O **ATTN:** CALVIN HULLUIM FR

J **LEASE NAME** Myles McGehee #1-7
 O **LOCATION**
 B **COUNTY** Gray
 S **STATE** KS
 I **JOB DESCRIPTION** Cement-New Well Casing/Pi
 T **JOB CONTACT**
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40730523	19842		Net - 30 days	07/09/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 06/06/2014 to 06/06/2014				
0040730523				
171705797A Cement-New Well Casing/Pi 06/06/2014 Cement PTA				
60/40 POZ	160.00	EA	10.20	1,632.00 T
Cement Gel	276.00	EA	0.21	58.65 T
Heavy Equipment Mileage	120.00	MI	5.95	714.00
Blending & Mixing Service Charge	160.00	BAG	1.19	190.40
"Proppant & Bulk Del. Chgs., per ton mil	414.00	EA	1.87	774.18
Depth Charge; 1001'-2000'	1.00	EA	1,275.00	1,275.00
"Unit Mileage Chg (PU, cars one way)"	60.00	MI	3.61	216.75
"Service Supervisor, first 8 hrs on loc.	1.00	EA	148.75	148.75
Cement Data Acquisition Monitor	1.00	EA	467.50	467.50

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,477.23
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	123.42
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,600.65
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 05797 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6-6-14	DISTRICT: 1717	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: Bengalia Land & Cattle		LEASE: Myles McGehee		WELL NO.: 1-7					
ADDRESS:		COUNTY: Gray	STATE: KS						
CITY:		SERVICE CREW: Ruben - Carlos - David							
AUTHORIZED BY: Tyce Davis JRB		JOB TYPE: Z-42 - Plug To Abandon							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE: 6-6-14	AM/PM	TIME
				78940	8	ARRIVED AT JOB		AM/PM	1300
				38250 19842	8	START OPERATION		AM/PM	1530
				19827 19883	8	FINISH OPERATION		AM/PM	1725
						RELEASED		AM/PM	2000
						MILES FROM STATION TO WELL			60

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

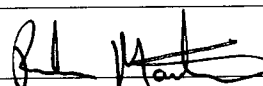
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: 
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL 103	60/40 Poz	SK	160		1920 00
CC 200	Cement Gel	Lb	276		69 00
E 101	Heavy Equipment Mileage	Mi	120		940 00
CE 240	Blending & Mixing Charge	SK	160		224 00
E 113	Proppant & Bulk Delivery	Ton	414		910 80
CE 202	Depth Charge 4000' - 2000'	Mts	1		1500 00
E 100	Pick up Charge	Mi	60		255 00
SD03	Service Supervisor	Eg	1		175 00
CL05	Cement Data	Eg	1		550 00
SUB TOTAL					5477 23

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: 

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: 
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Cement Report

Customer <i>Bengalia Land by Pattle</i>		Lease No.		Date <i>6-6-14</i>				
Lease <i>Myles McGetter</i>		Well # <i>1-7</i>		Service Receipt				
Casing Depth		County <i>Gray</i>		State <i>KS</i>				
Job Type <i>2-42</i>		Formation		Legal Description <i>7-25-30</i>				
Pipe Data			Perforating Data			Cement Data		
Casing size			Tubing Size			Shots/Ft		
Depth			Depth			From To		
Volume			Volume			From To		
Max Press			Max Press			From To		
Well Connection			Annulus Vol.			From To		
Plug Depth			Packer Depth			From To		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log			
<i>1530</i>					<i>On location Rig up</i>			
<i>1600</i>					<i>Safety Meeting</i>			
<i>1725</i>		<i>2000</i>			<i>Pressure Test</i>			
					<i>1st Plug @ 1800' - 50SX @ 13.5PPG</i>			
<i>1730</i>		<i>0</i>	<i>13.3</i>	<i>4</i>	<i>Pump 50x @ 13.5PPG</i>			
<i>1738</i>			<i>19</i>	<i>4</i>	<i>Displace with Mud</i>			
<i>1740</i>					<i>Shut Down</i>			
					<i>2nd Plug @ 1100' - 40SX @ 13.5PPG</i>			
<i>1818</i>		<i>0</i>	<i>10.6</i>	<i>4</i>	<i>Pump 40SX @ 13.5PPG</i>			
<i>1822</i>		<i>0</i>	<i>13</i>	<i>4</i>	<i>Displacement</i>			
<i>1824</i>		<i>0</i>			<i>Shut Down</i>			
					<i>3rd Plug @ 60' - 20SX @ 13.5PPG</i>			
<i>1930</i>		<i>0</i>	<i>5</i>	<i>4</i>	<i>Pump 20SX @ 13.5PPG</i>			
					<i>Pump Displace Cement to Surface</i>			
<i>1940</i>		<i>0</i>	<i>8</i>	<i>4</i>	<i>Plug Rat Hole 30SX @ 13.5PPG</i>			
<i>1950</i>			<i>5</i>	<i>4</i>	<i>Plug Mouse Hole 20SX @ 13.5PPG</i>			
<i>2000</i>		<i>0</i>			<i>Shut Down - Rig Down</i>			
Service Units		<i>78940</i>	<i>58750</i> <i>19842</i>	<i>19827</i> <i>19883</i>				
Driver Names		<i>Ruben</i>	<i>Carlos</i>	<i>David</i>				

Rick
Customer Representative

Jerry Bennett
Station Manager

Ruben Martinez
Cementer