

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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
--	---

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Bengalia Land and Cattle Company
Well Name	Myles McGehee 1-7
Doc ID	1405135

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4709	4712			4709-4736 500 GAL 15% HCL
4	4722	4728			
4	4733	4736			
4	4777	4781			400 GAL MOD 101
			CIBP Cast Iron Bridge Plug	4850	
4	4928	4937			750 GAL 15% HCL, AND 2500 GAL 15% HCL
			CIBP Cast Iron Bridge Plug	5010	
4	5060	5066			500 GAL 15% HCL



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1314764
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed

Form must be Signed

All blanks must be Filled

CONFIDENTIAL 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: _____

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.

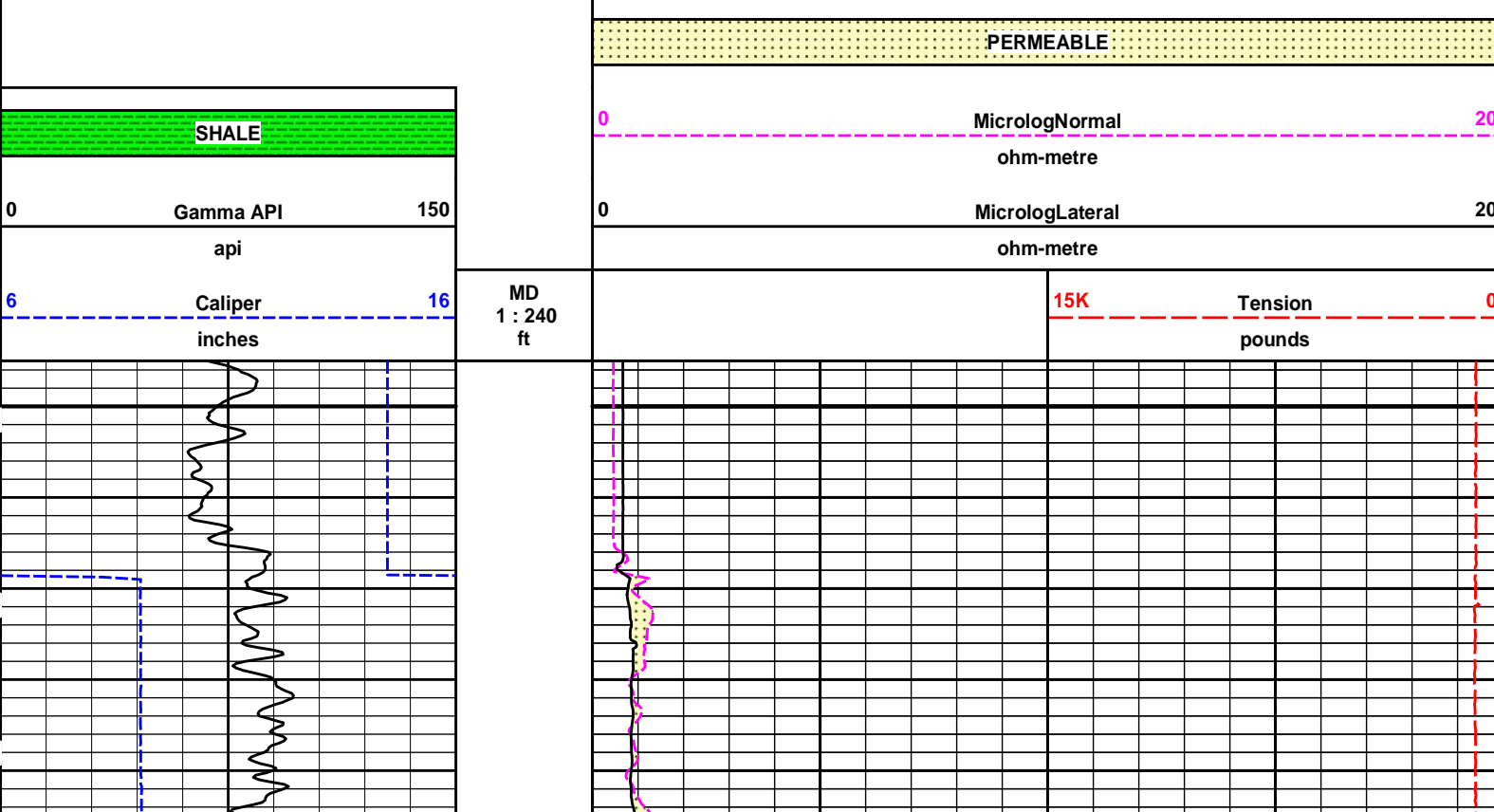
CHLORIDES REPORTED AT 4200 ppm.

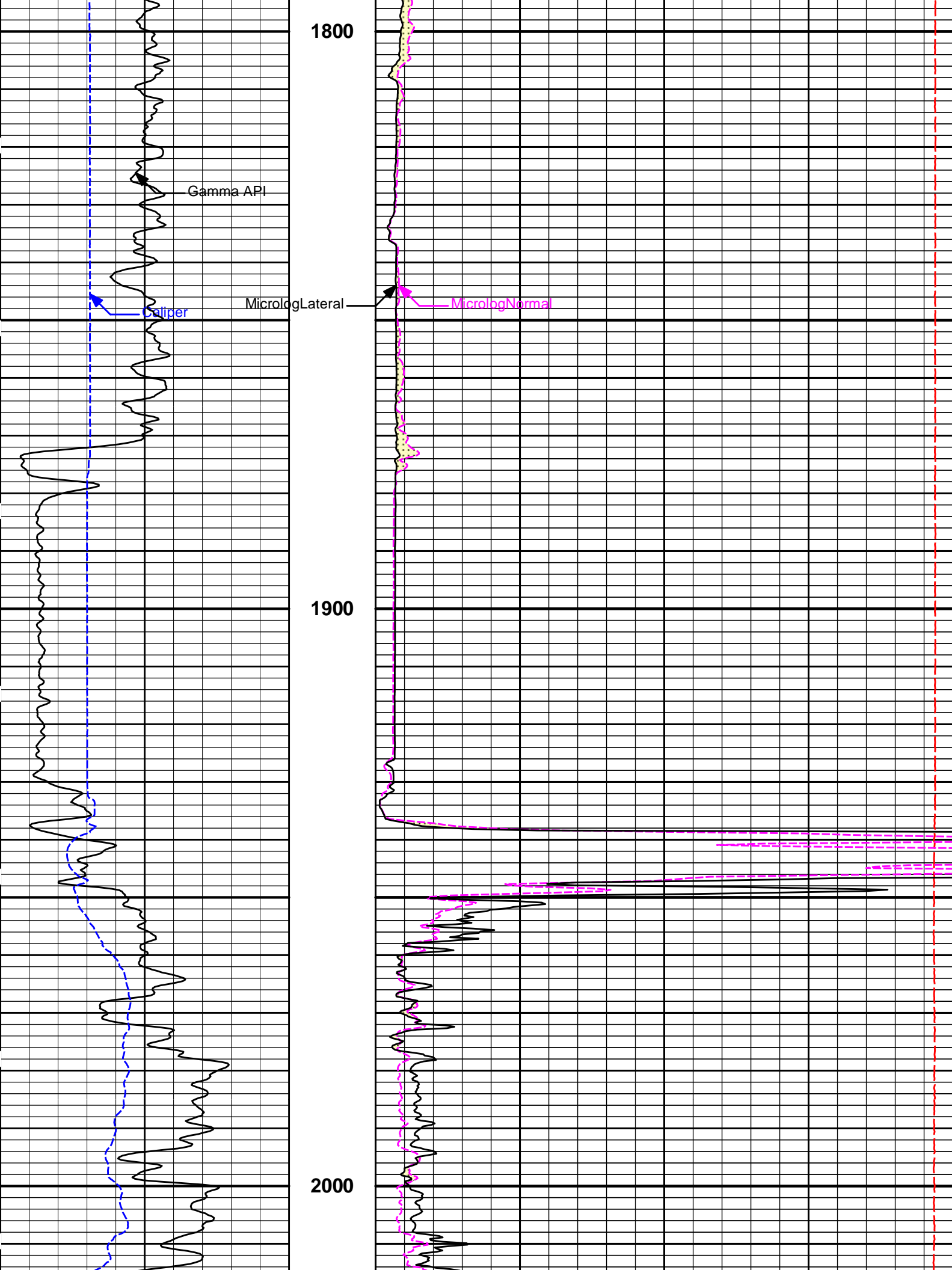
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR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

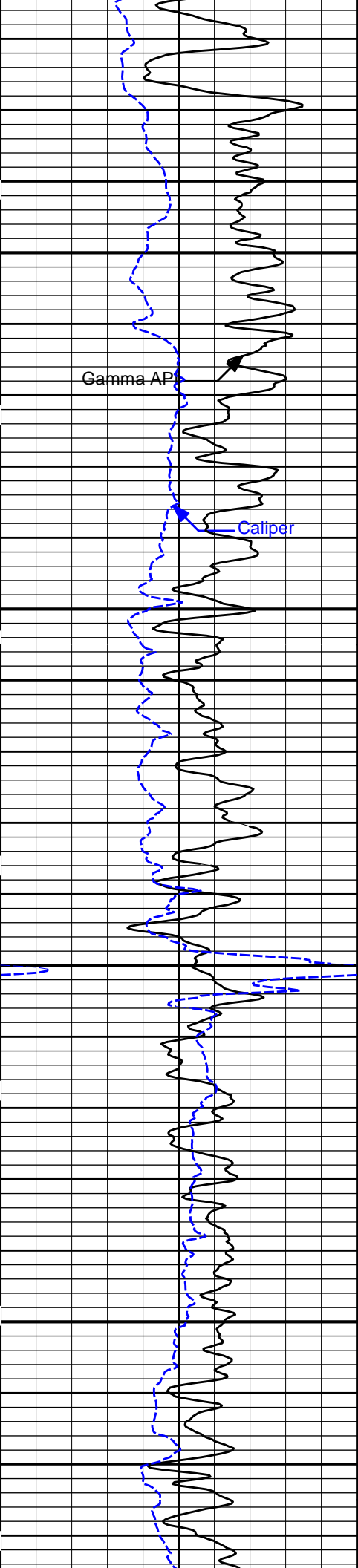
HALLIBURTON

HALLIBURTON Plot Time: 06-Jun-14 08:45:36
 Plot Range: 1745 ft to 5208.83 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
 Plot File: \\-LOCAL-(not saved)\Microlog_IQ_5_main_lib

5 INCH MAIN LOG

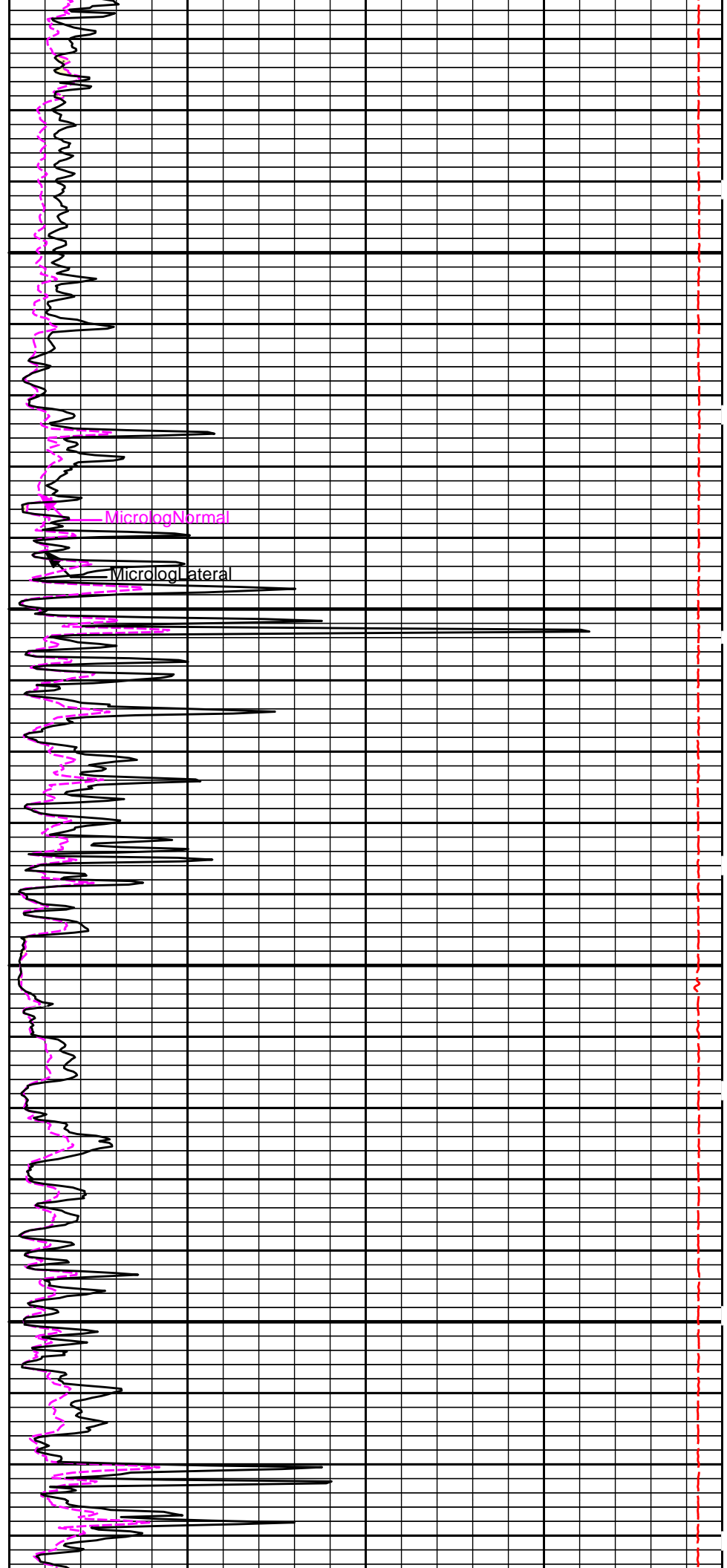


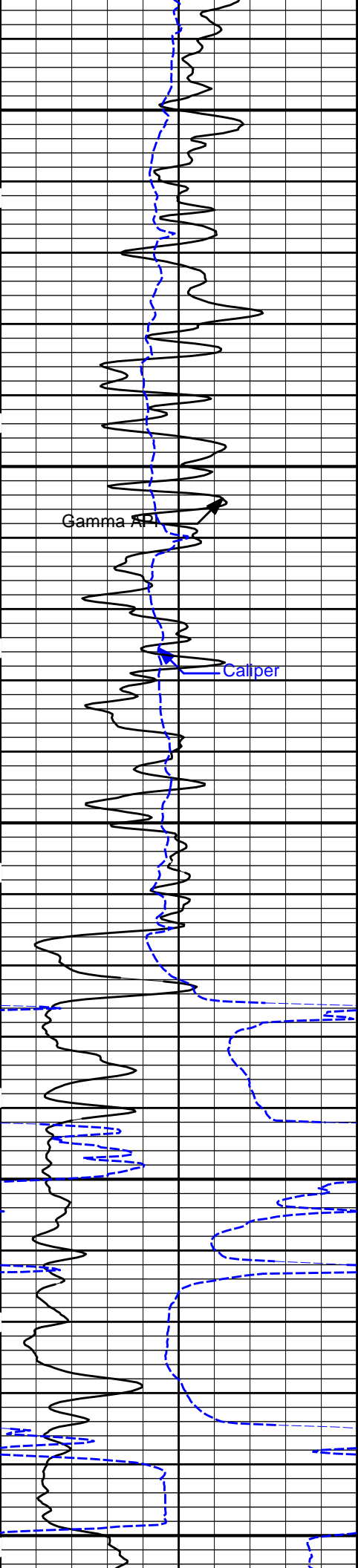




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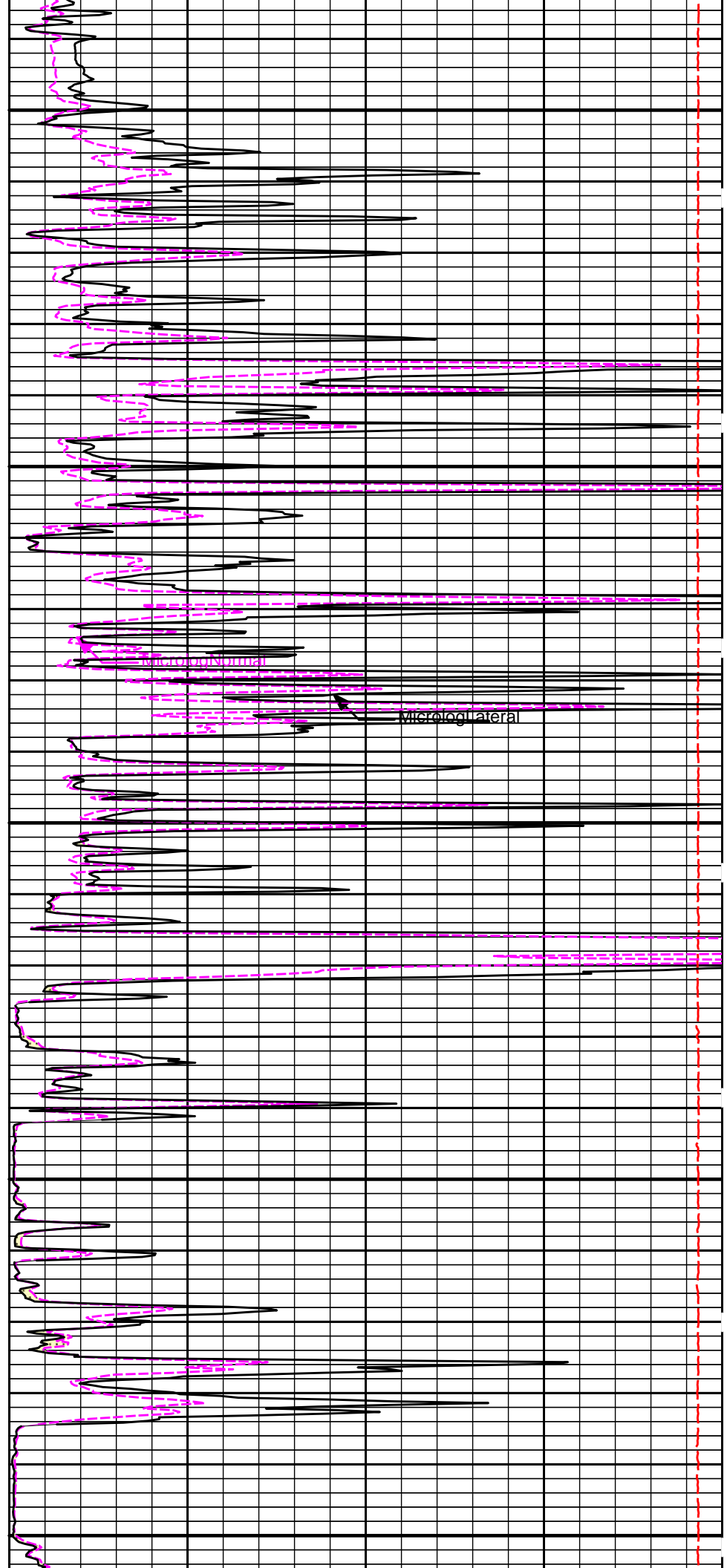
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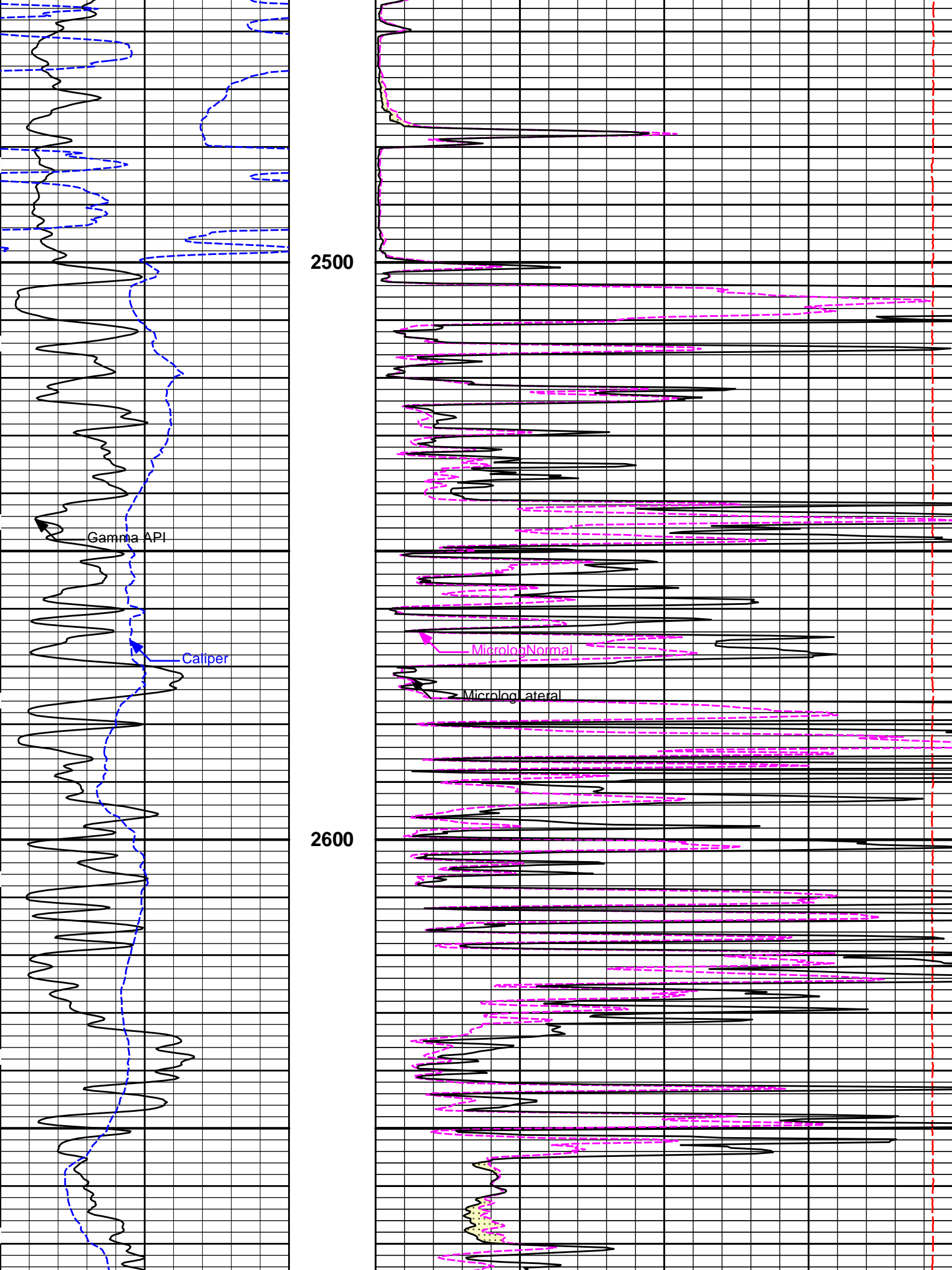


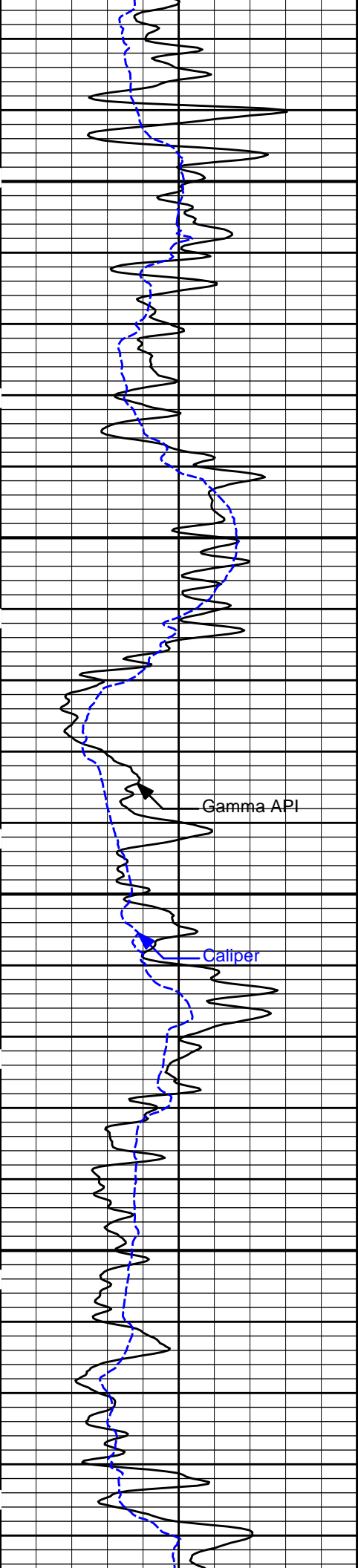


2300

2400





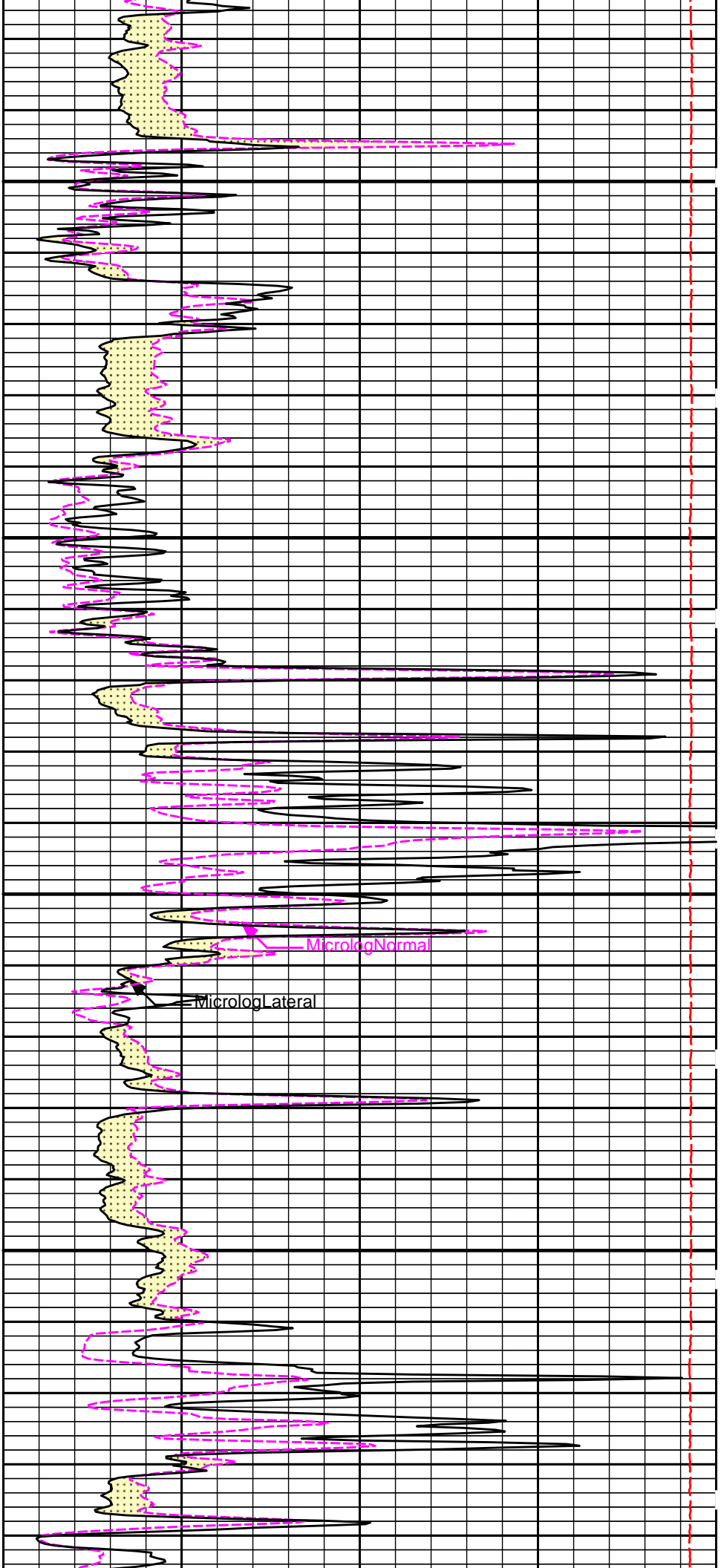


2700

2800

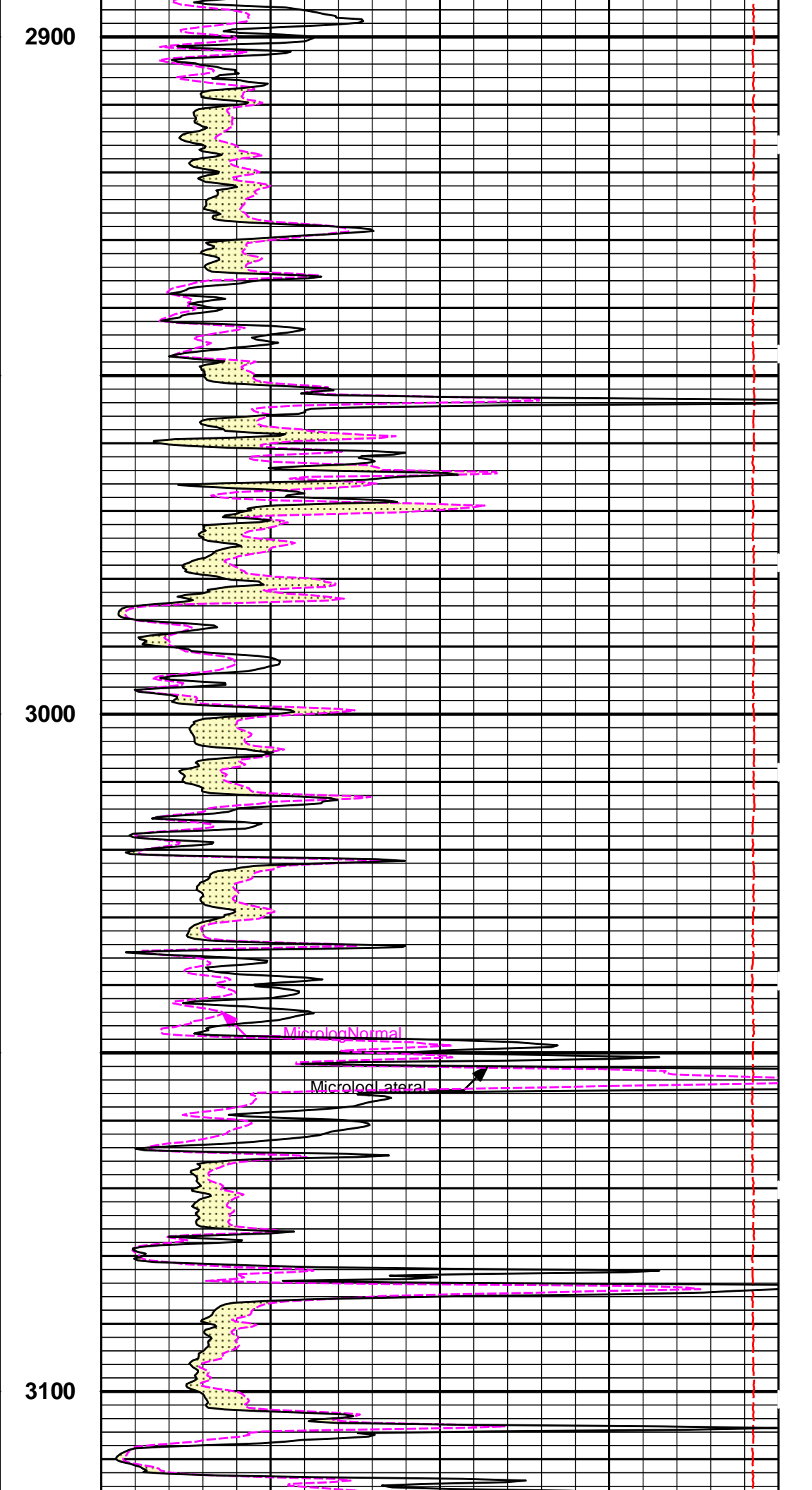
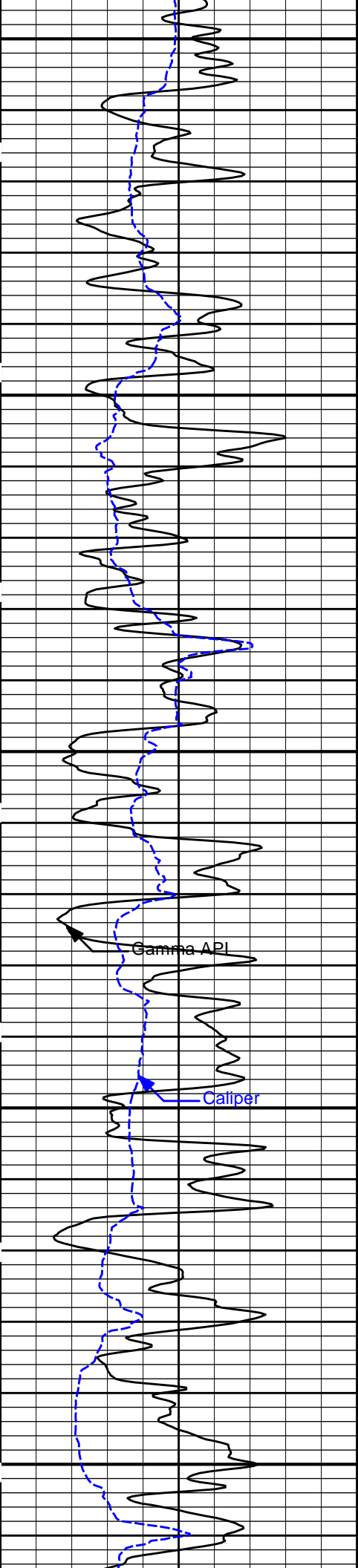
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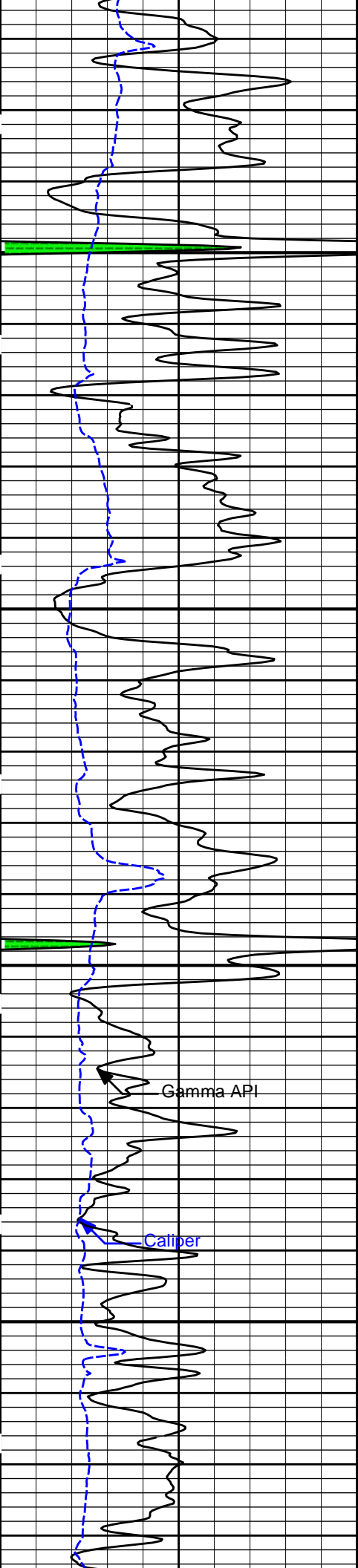
Caliper



MicrologNormal

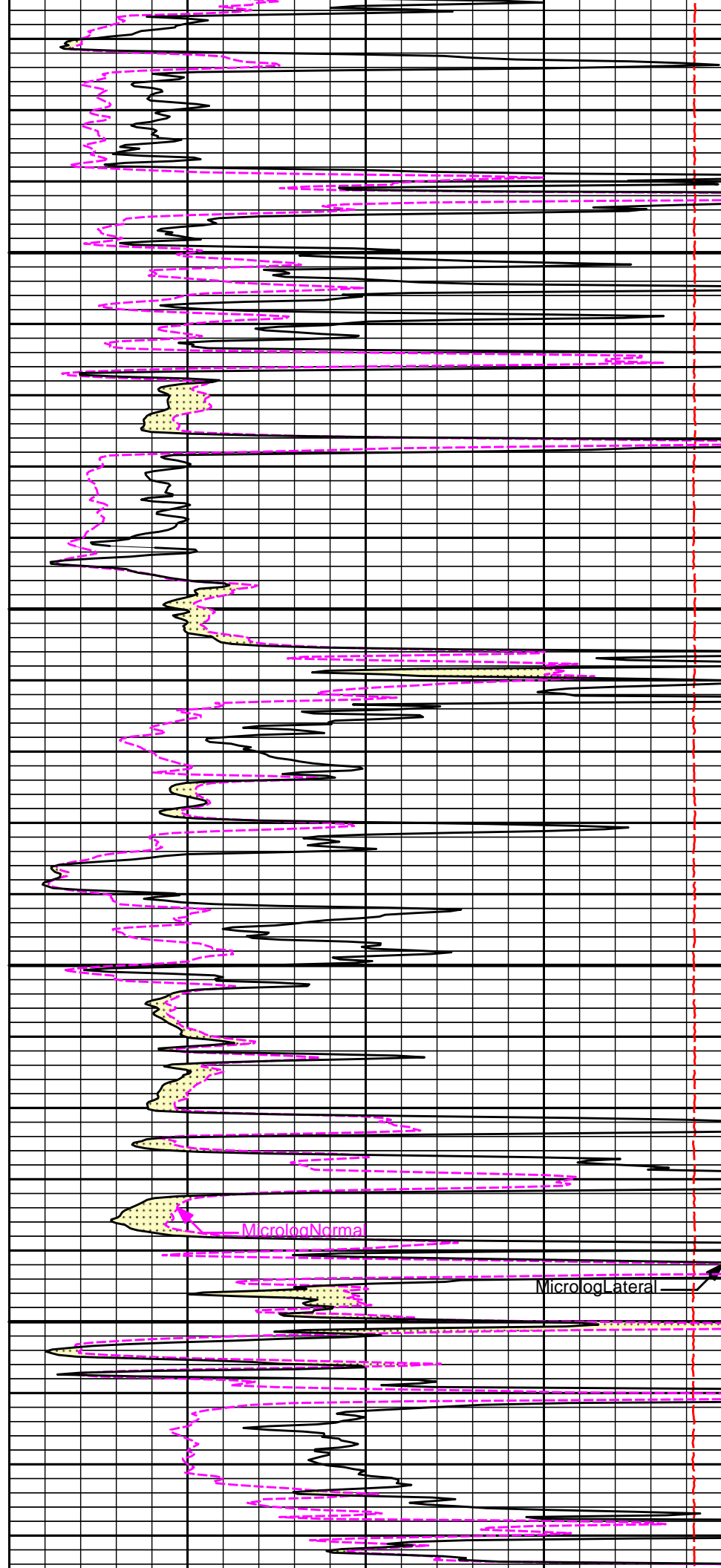
MicrologLateral





3200

3300

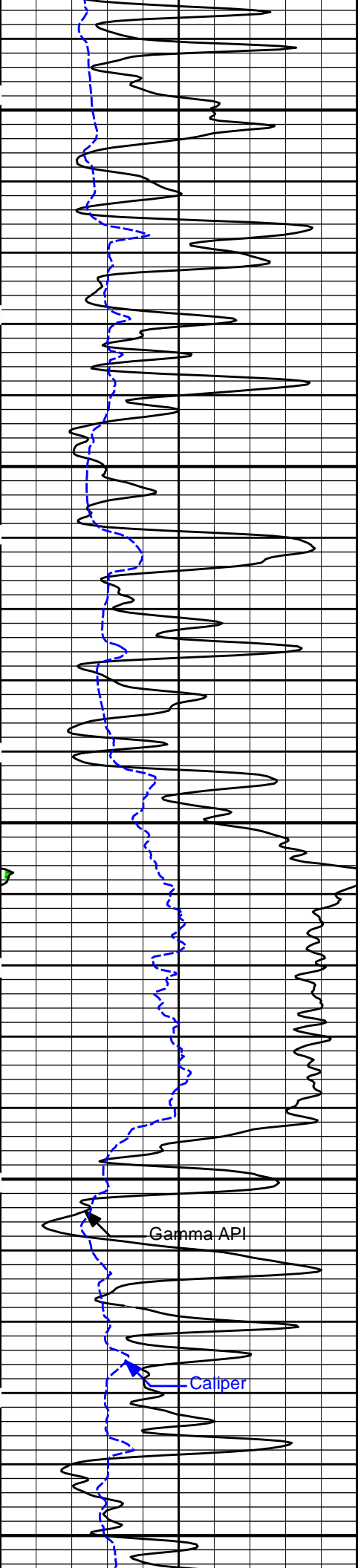


Gamma API

Caliper

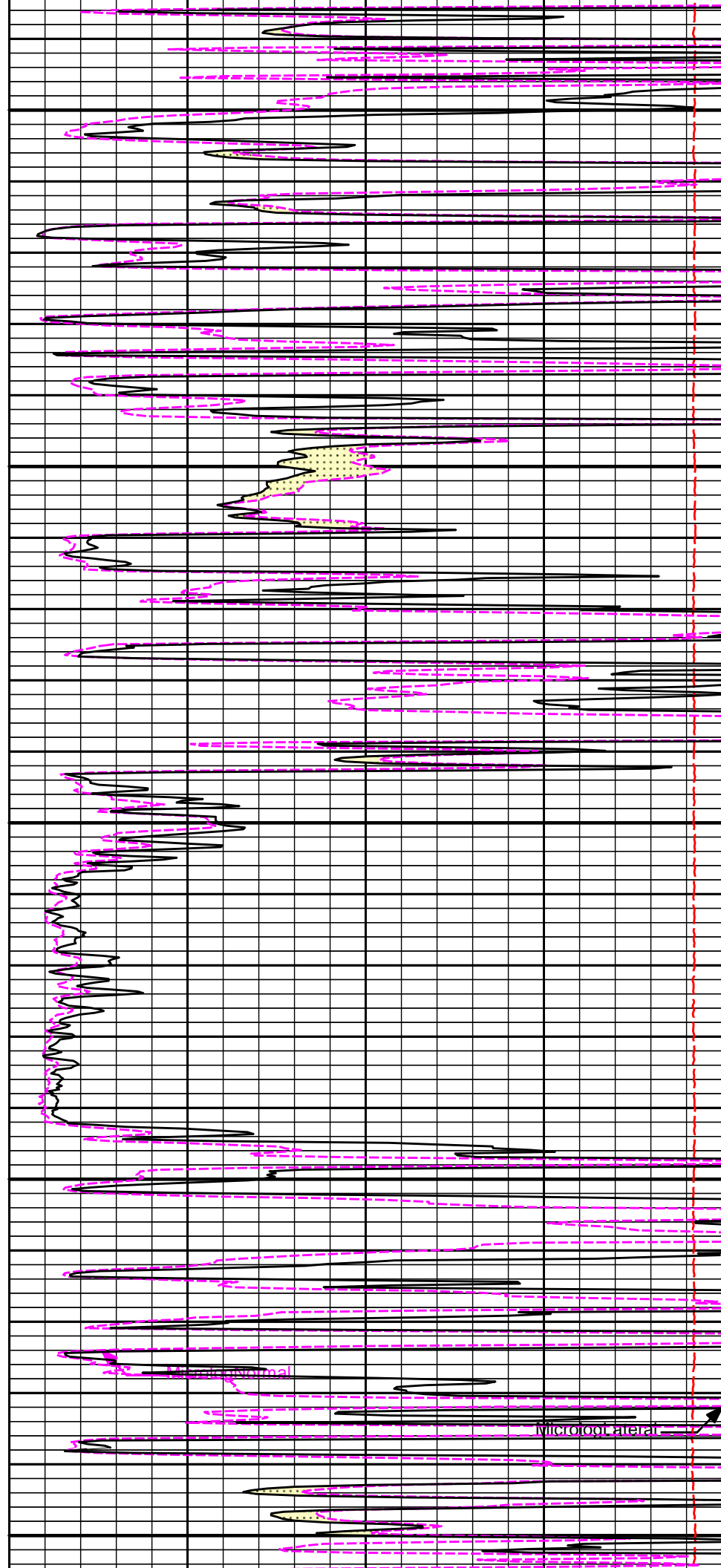
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MicrologLateral

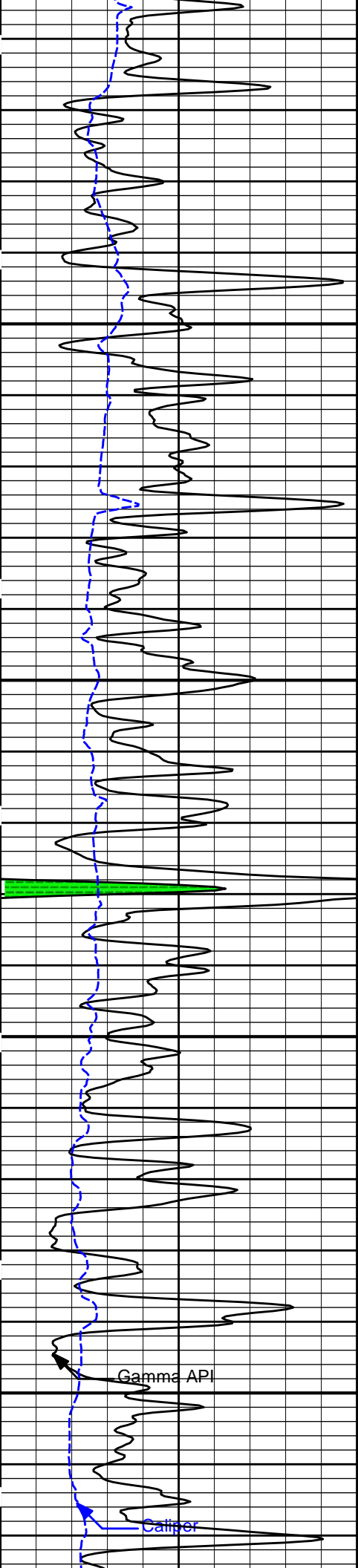


3400

3500

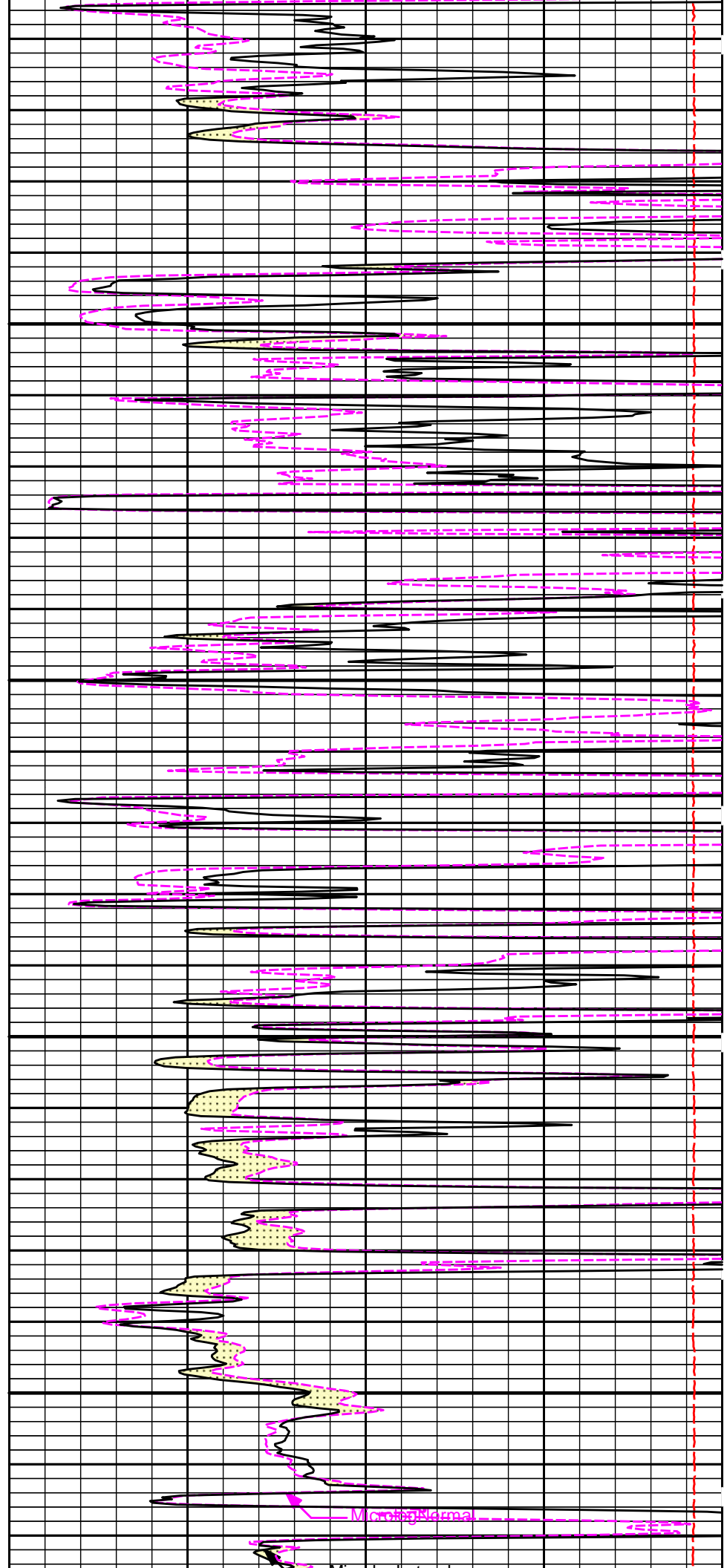


Microfocal lateral

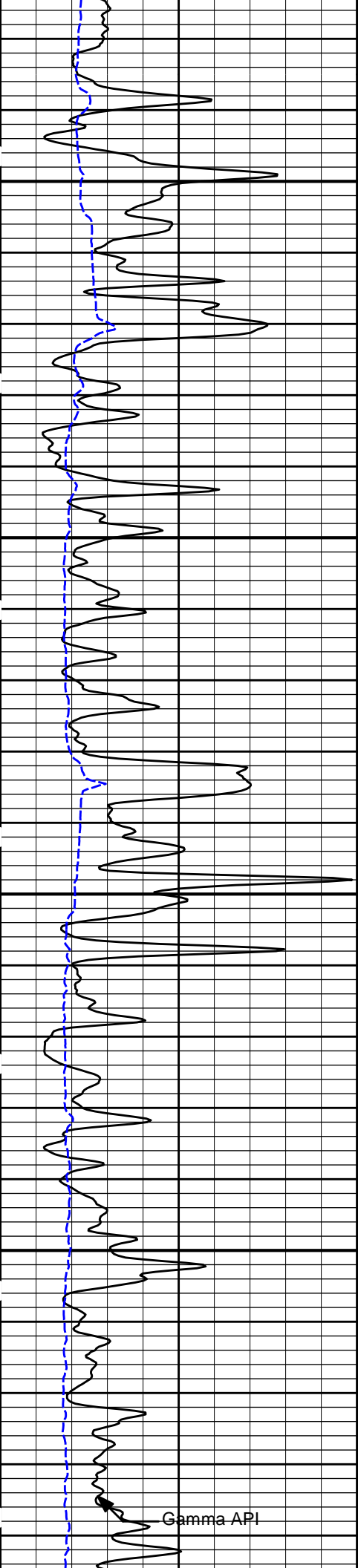


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3700

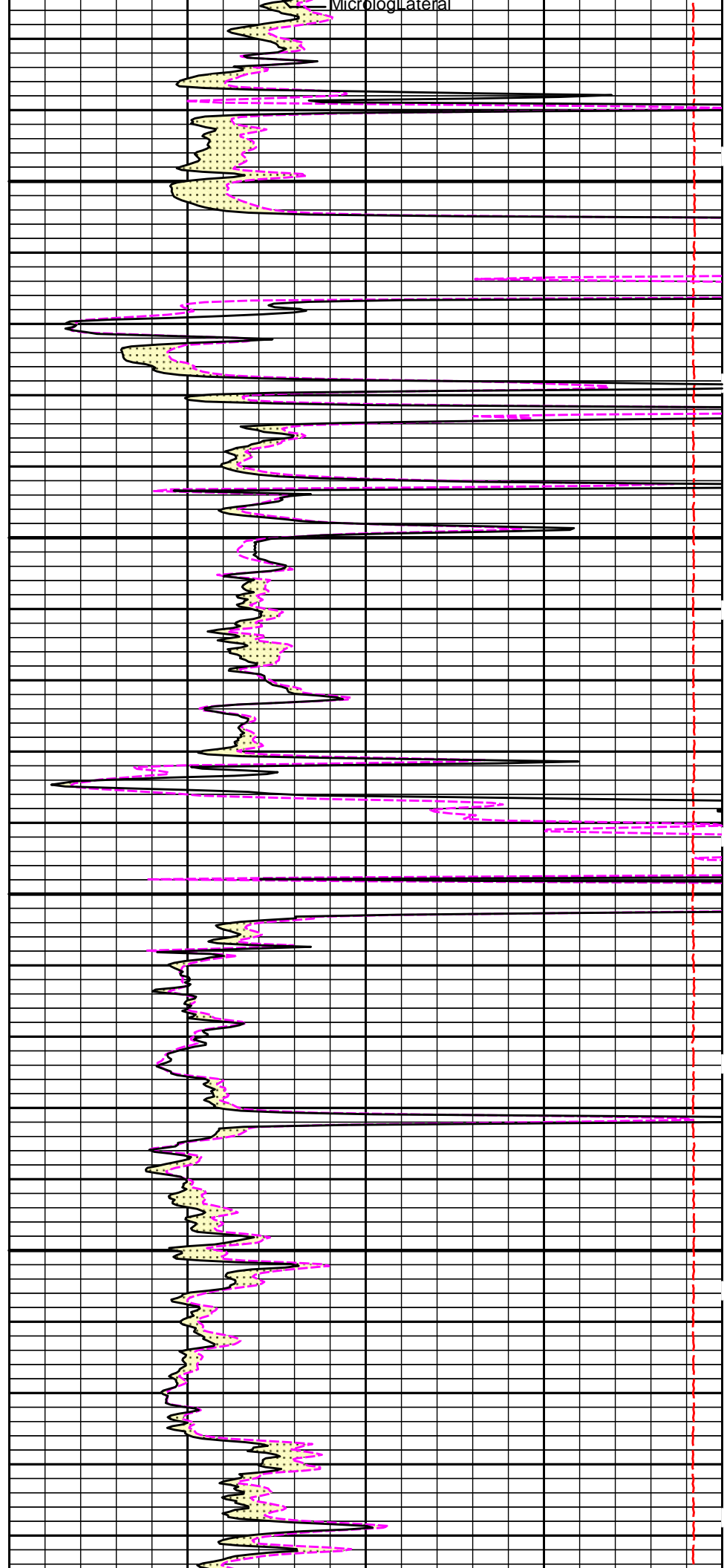


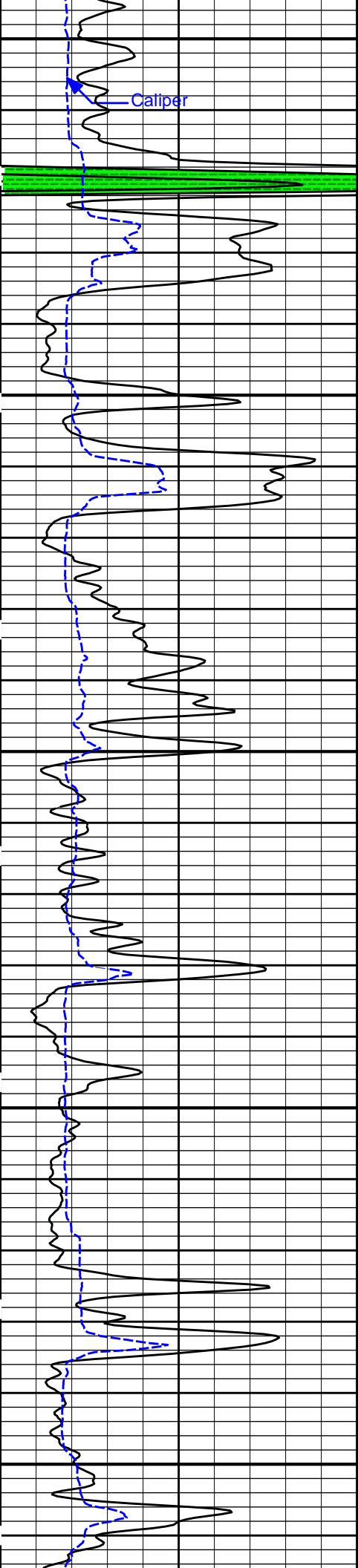
Microfing Normal



3800

3900



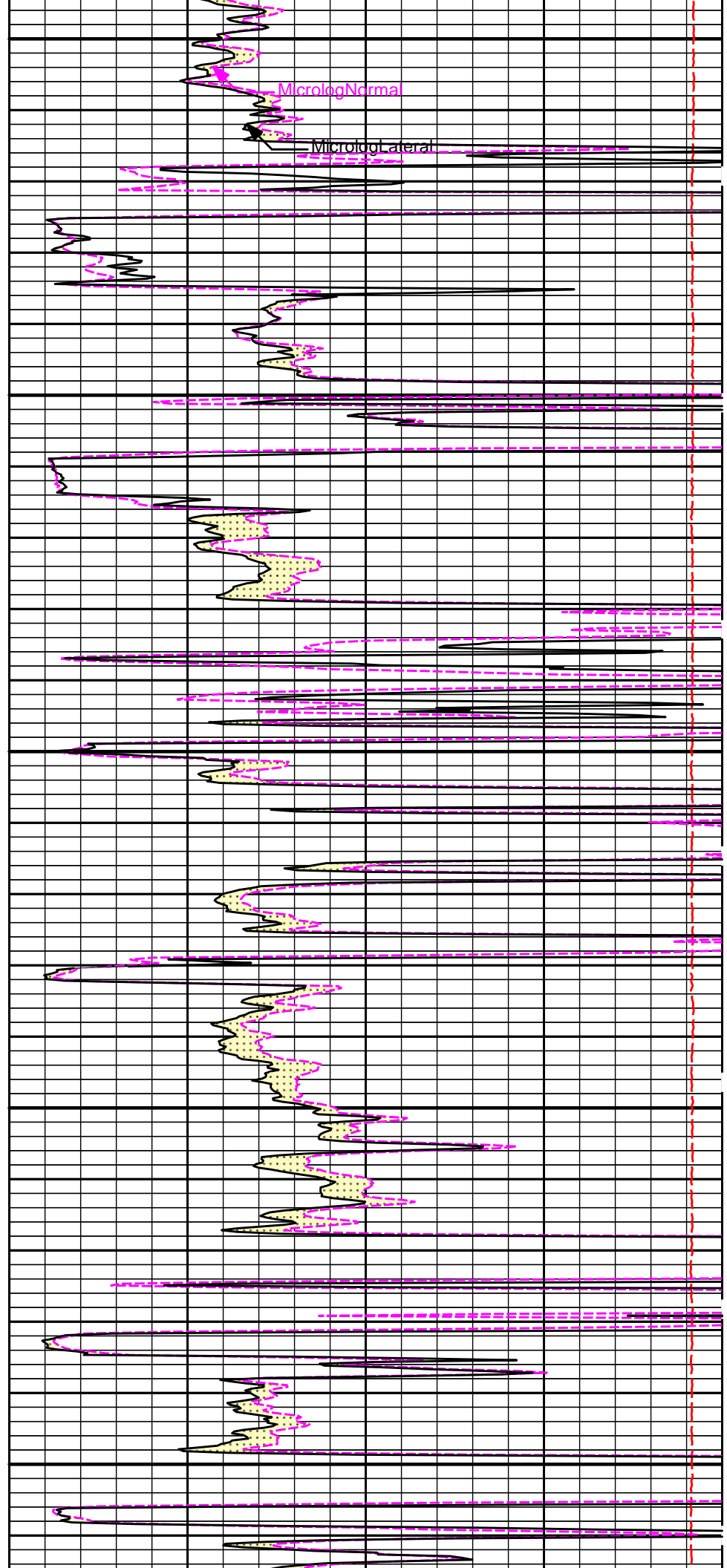


4000

Caliper

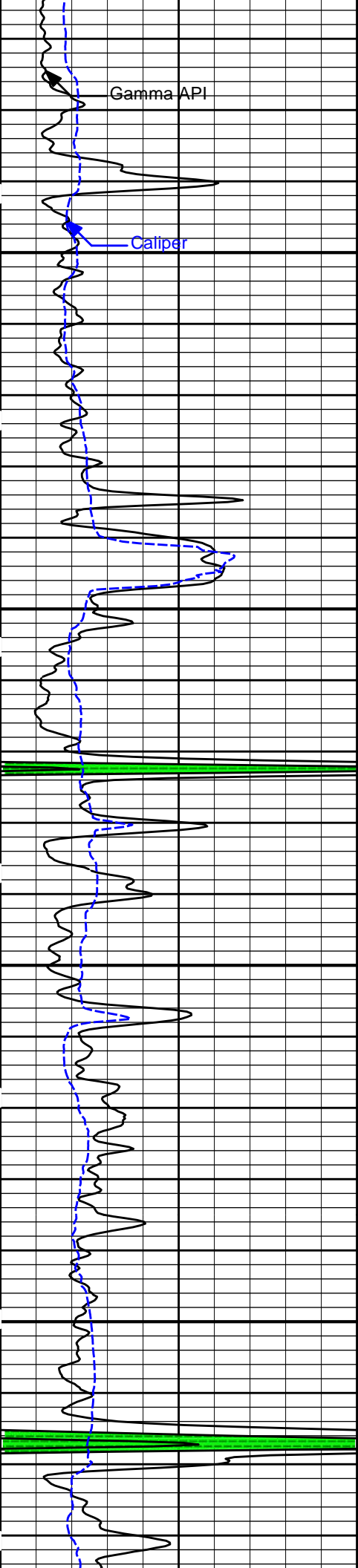
4100

4200



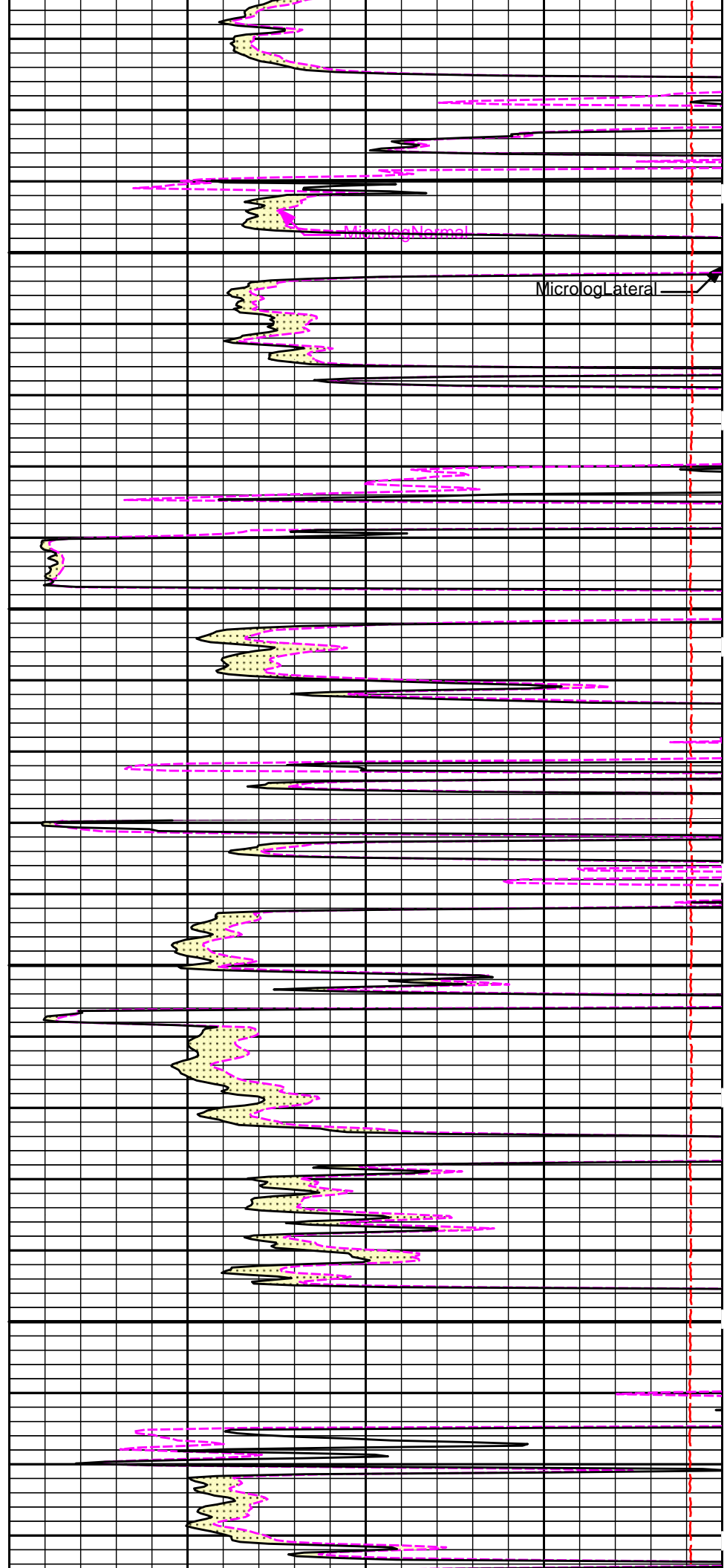
MicrologNormal

MicrologLateral



4300

4400

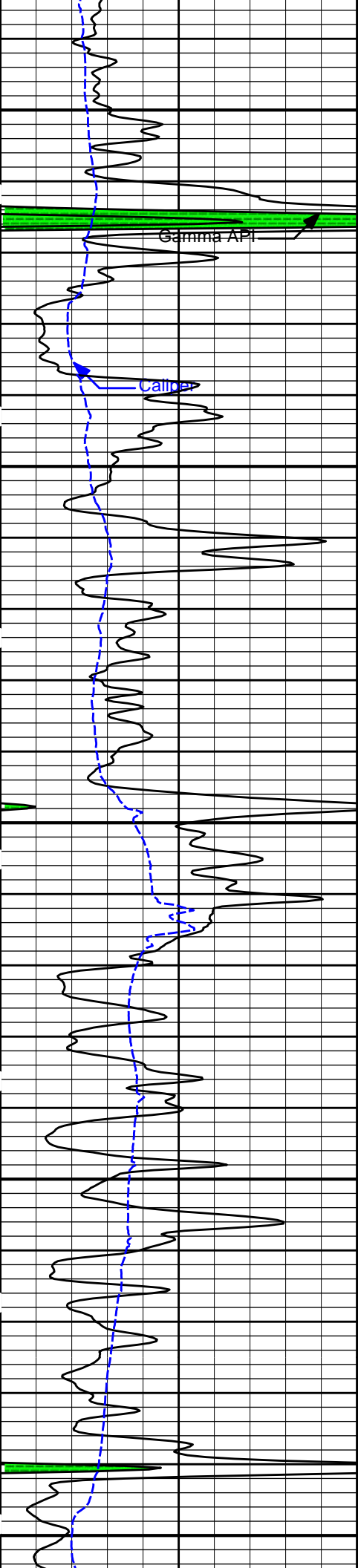


Gamma API

Caliper

Microlog Normal

Microlog Lateral

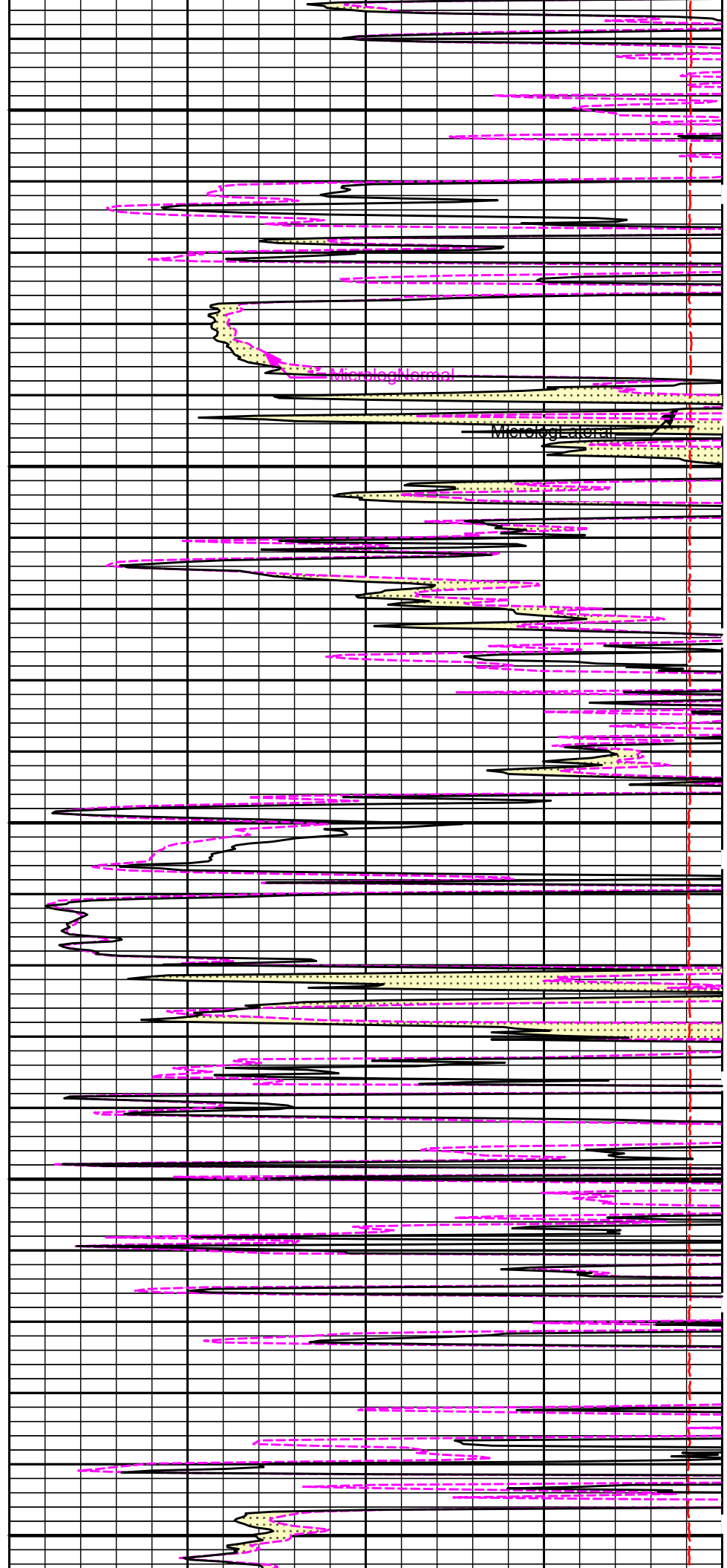


Gamma API

Caliper

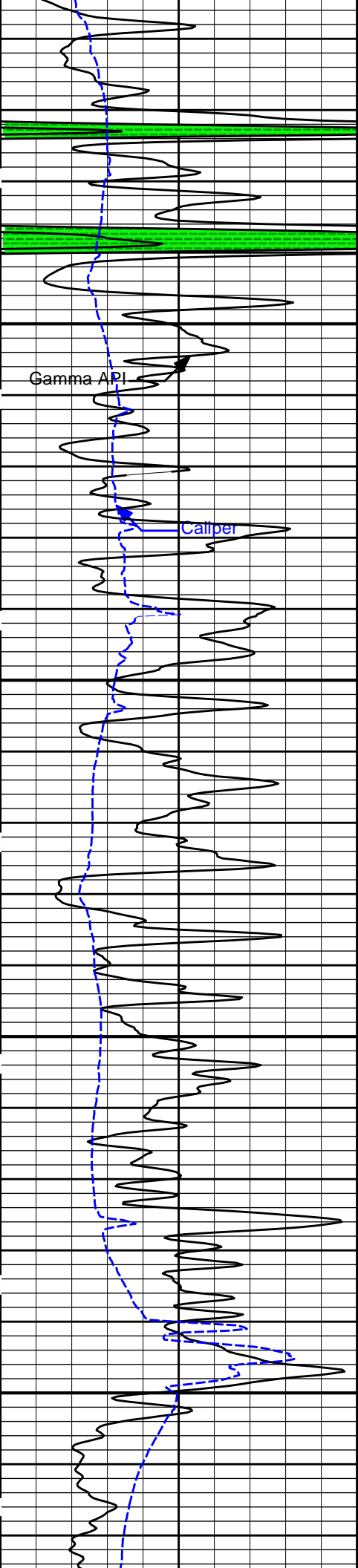
4500

4600



MicrologNormal

MicrologLateral

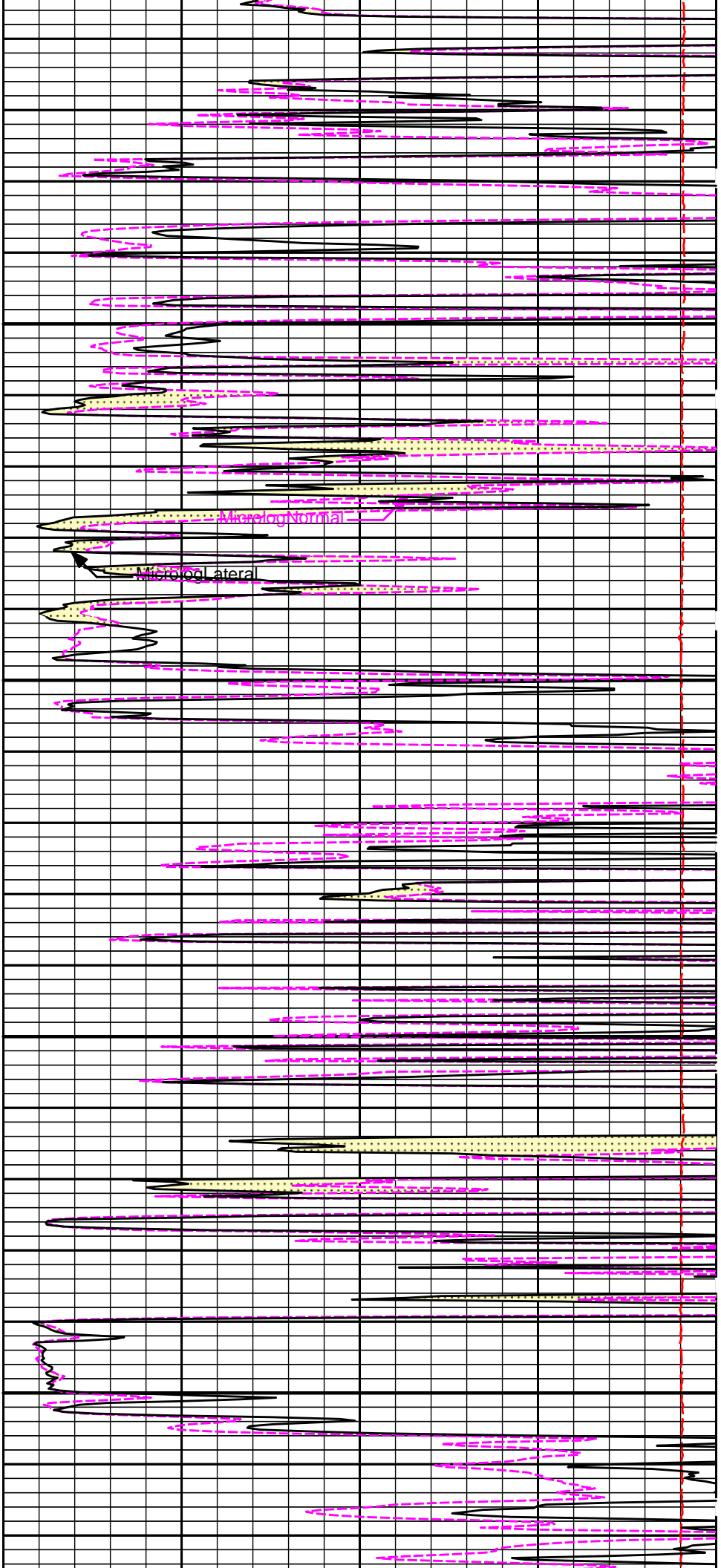


Gamma API

Caliper

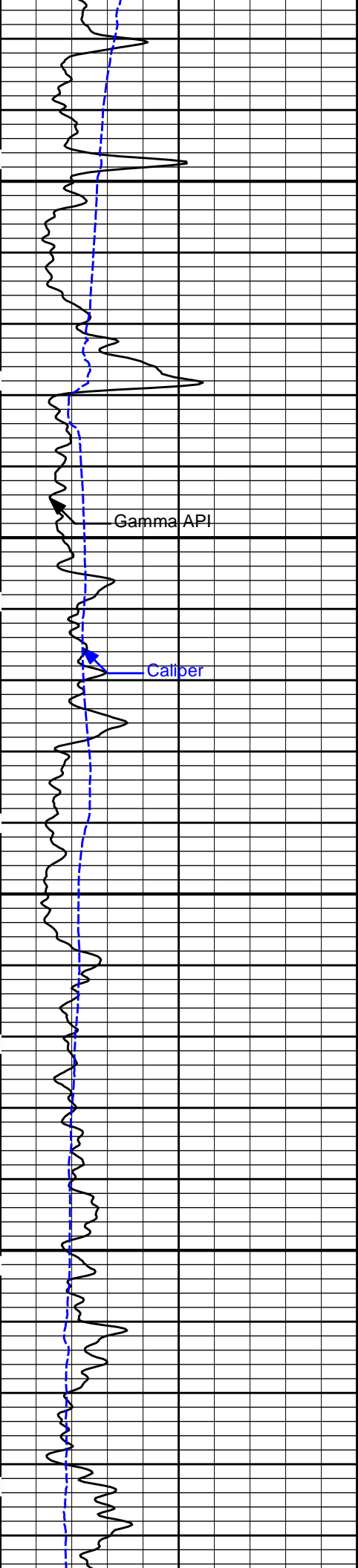
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4800



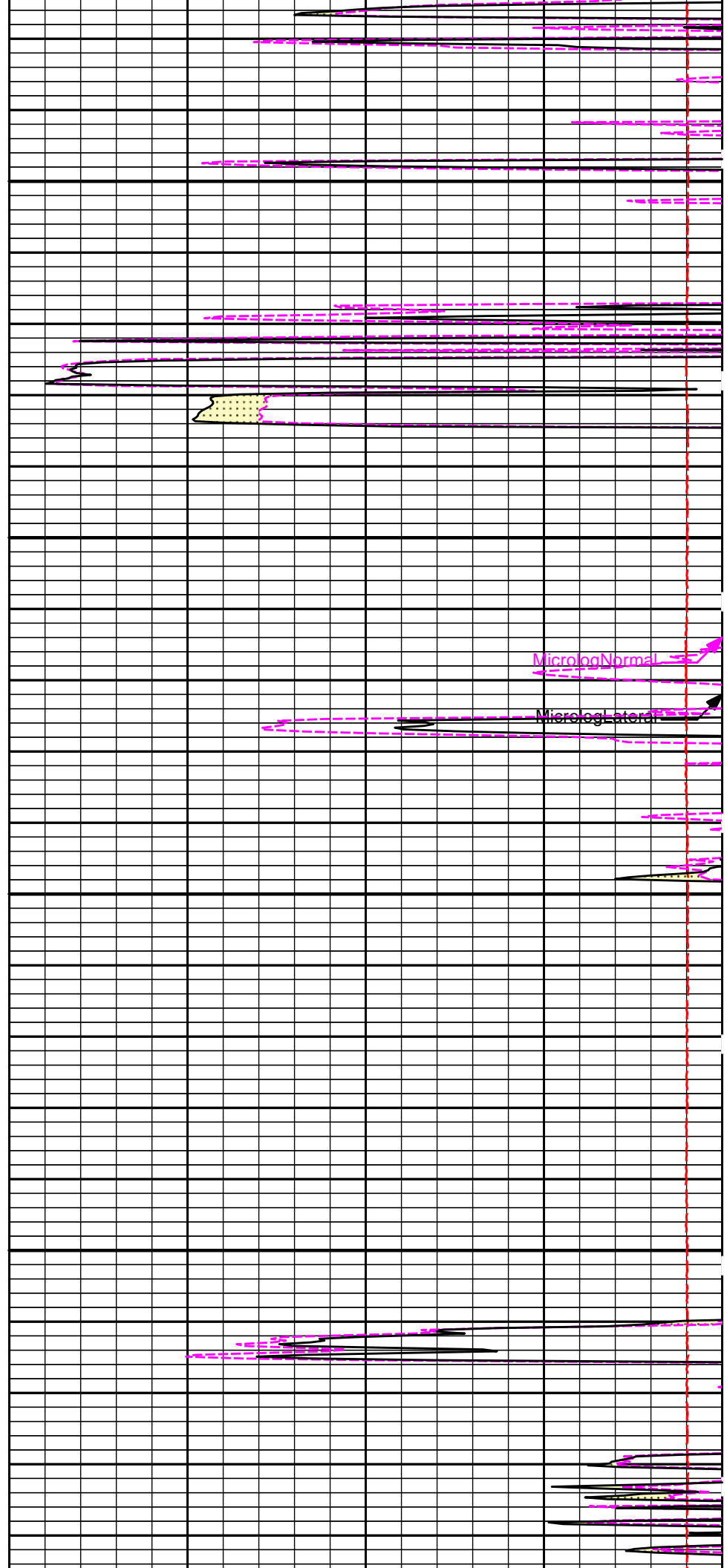
Microlog Normal

Microlog Lateral



4900

5000

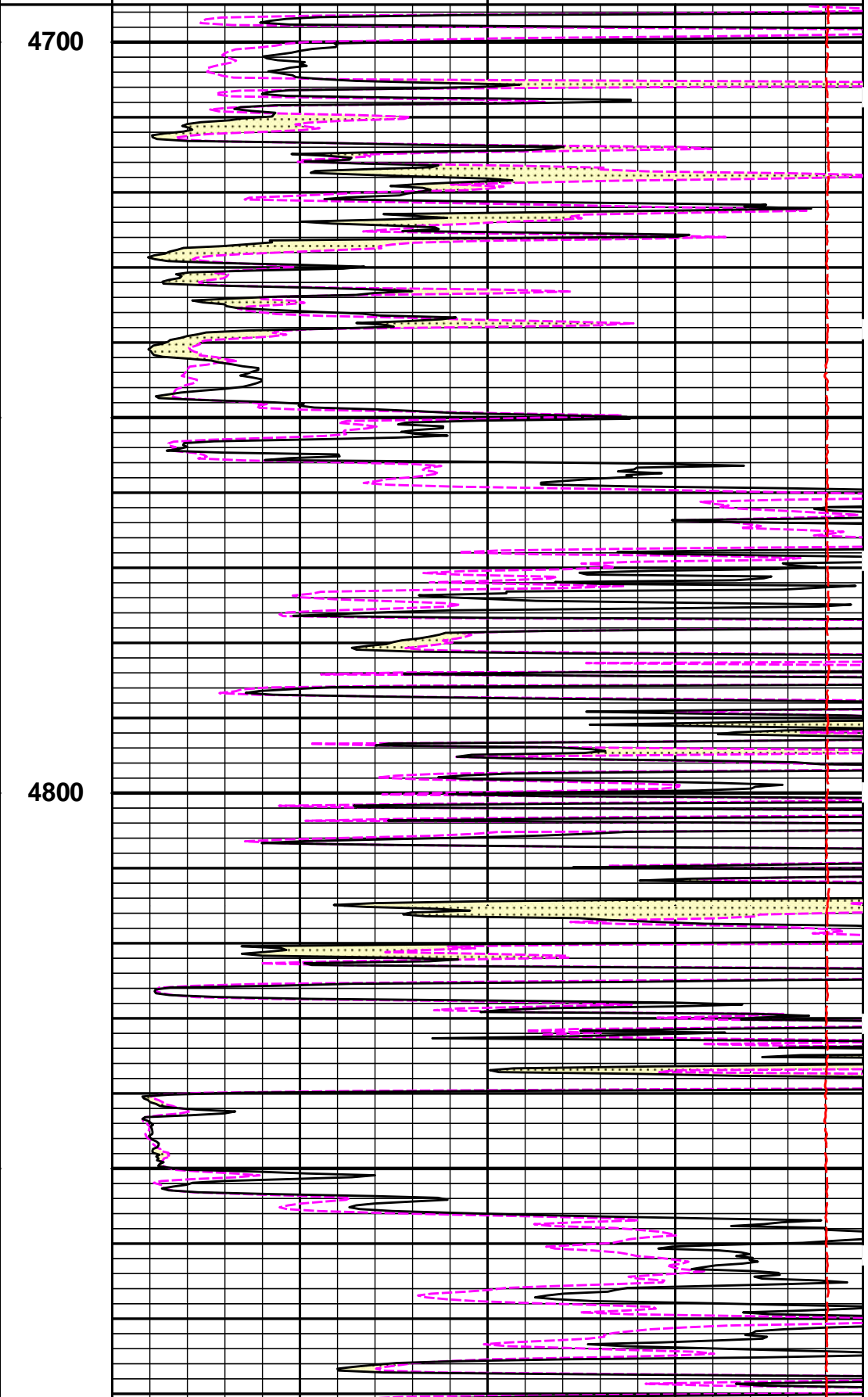
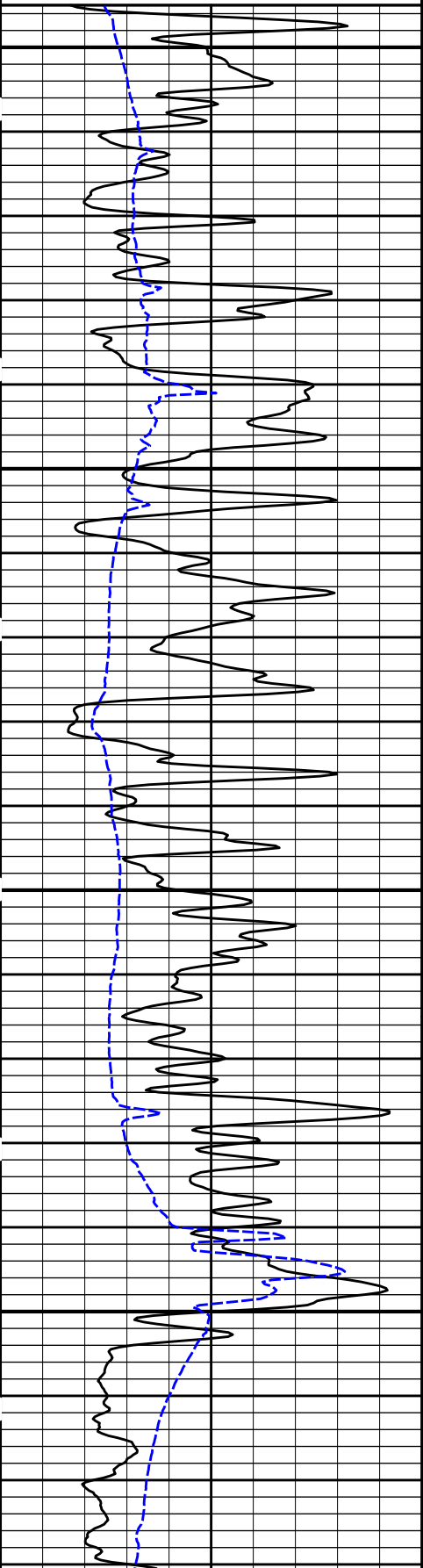


MicrologNormal

MicrologLateral

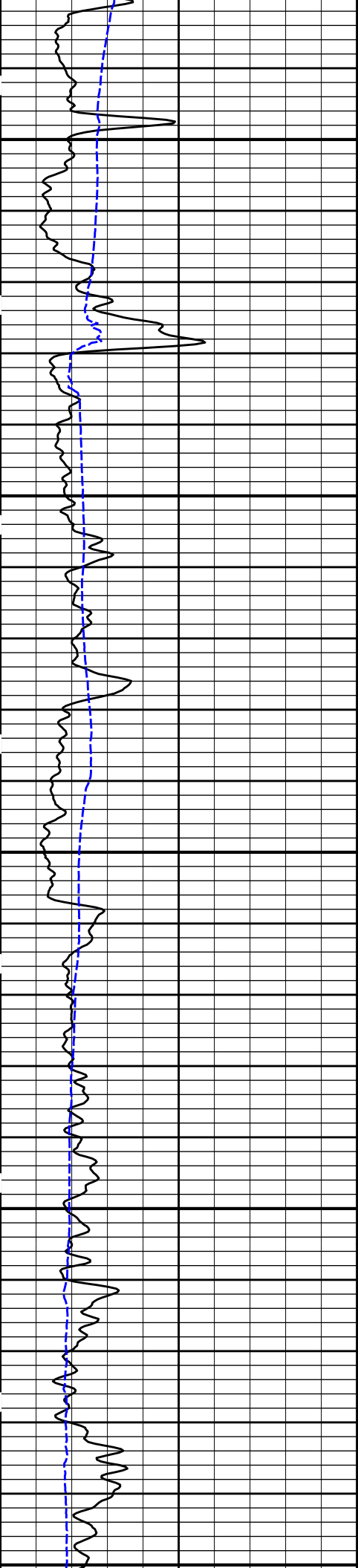
SHALE		
0	Gamma API	150
api		
6	Caliper	16
inches		

0	MicrologNormal	20
ohm-metre		
0	MicrologLateral	20
ohm-metre		
15K	Tension	0
pounds		



4700

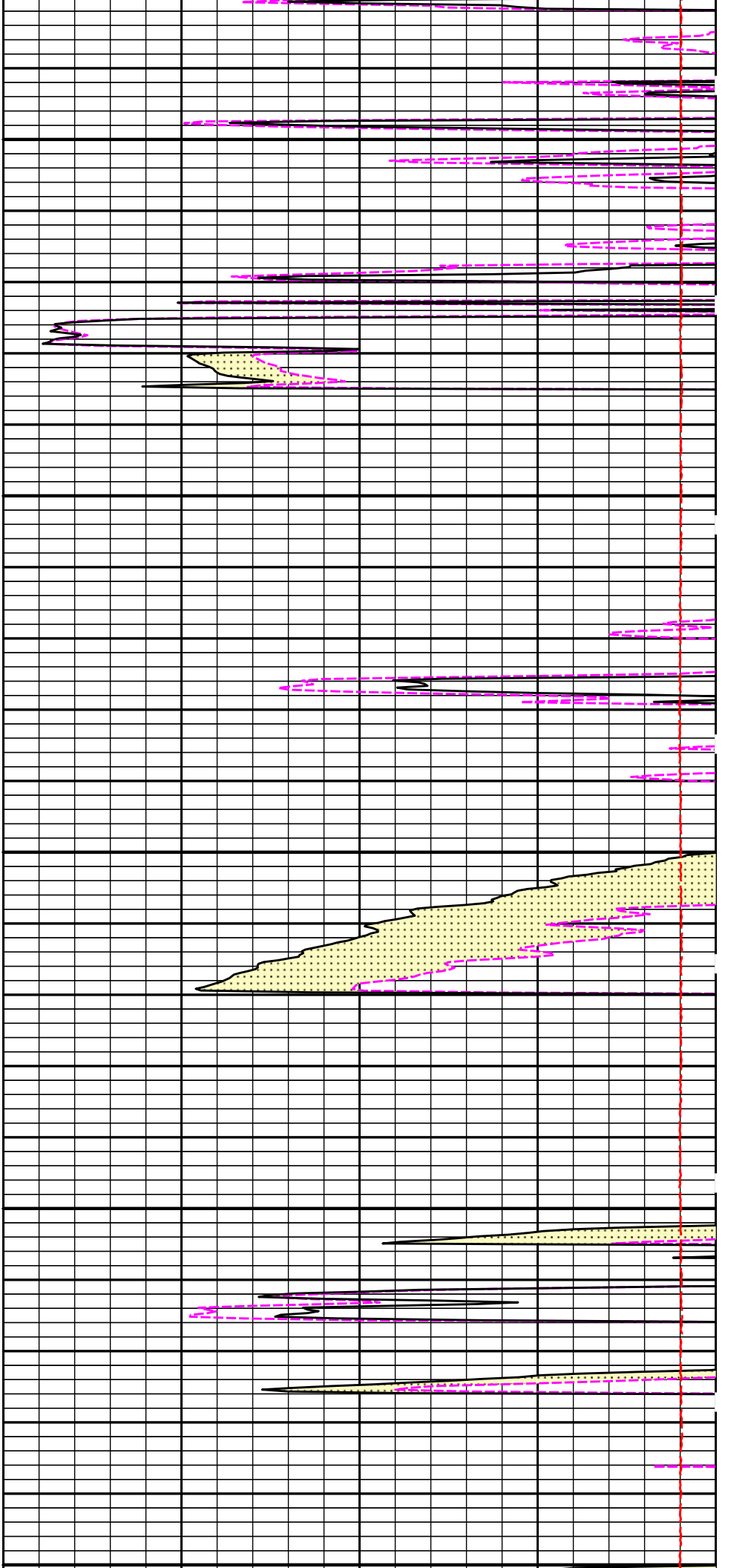
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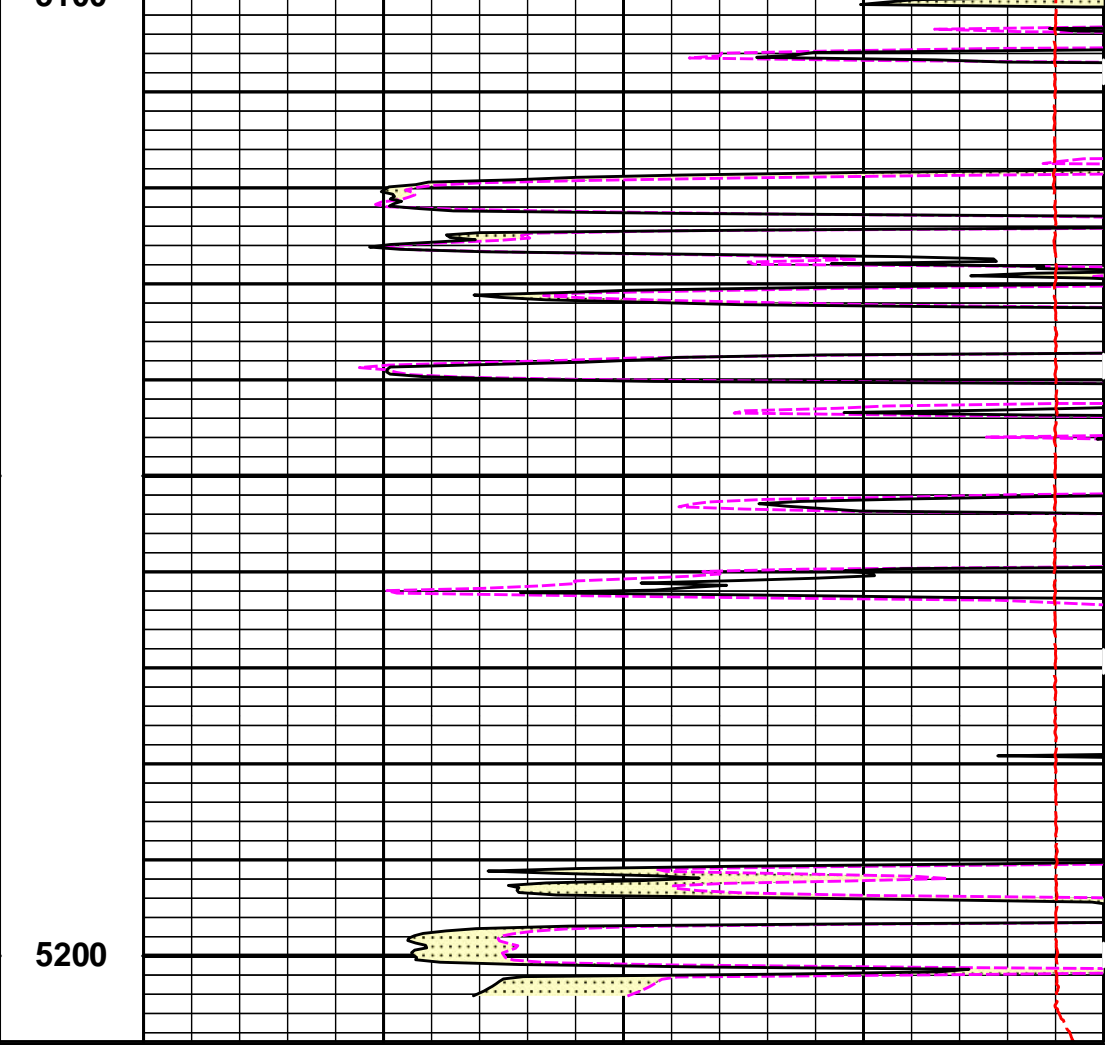
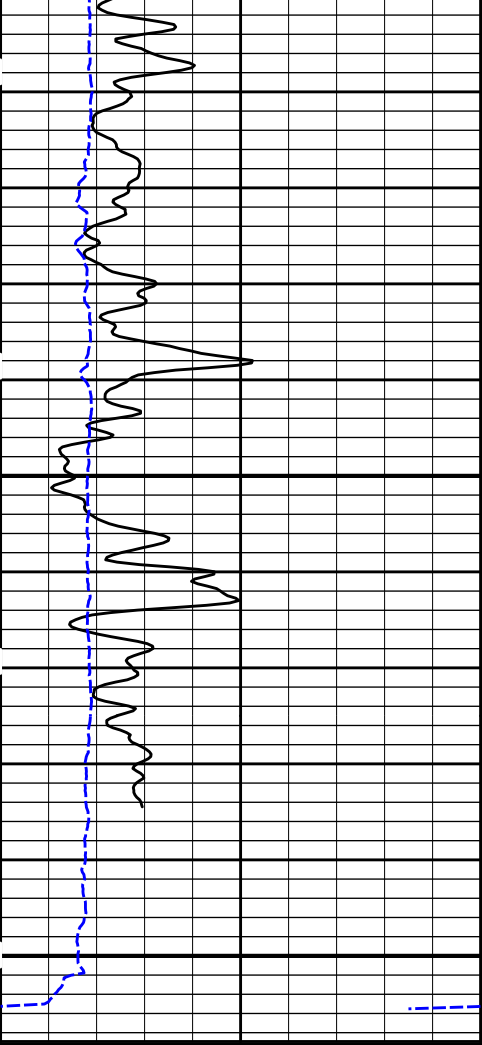


4900

5000

5100





6	Caliper	16
	inches	
0	Gamma API	150
	api	
SHALE		

MD 1 : 240 ft	15K	Tension pounds	0
0	MicrologLateral	ohm-metre	20
0	MicrologNormal	ohm-metre	20
PERMEABLE			

HALLIBURTON

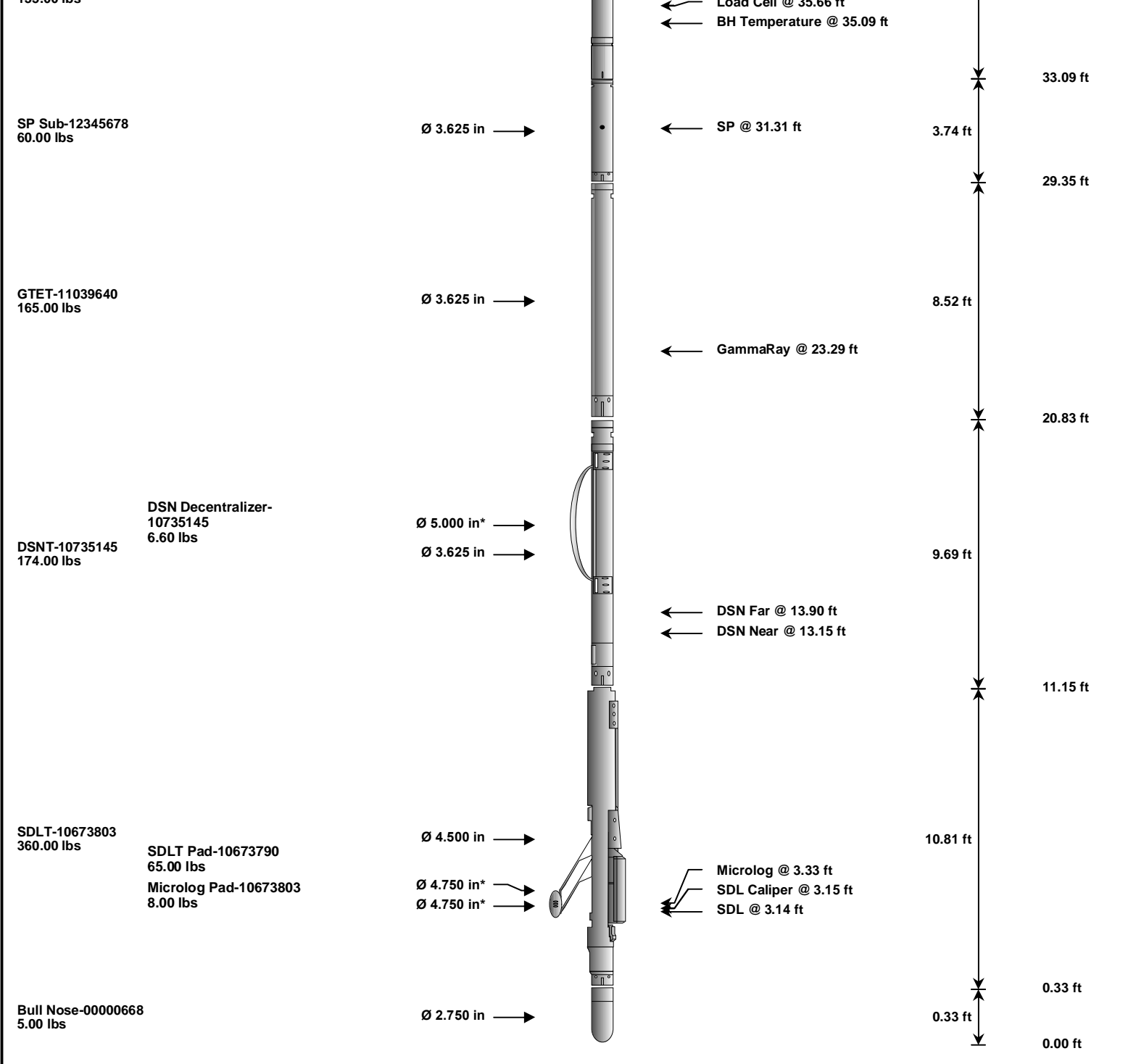
Plot Time: 06-Jun-14 08:45:40
 Plot Range: 4695 ft to 5208.92 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 REPEAT POROSITY\
 Plot File: \\-LOCAL-(not saved)\Microlog_IQ_5_rep_lib

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
						39.34 ft
RWCH-12156658		Ø 3.625 in	→	Lead Cell @ 25.00 ft	6.25 ft	



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

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	DSNO	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

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	0.0000010	0.0000010	0.0000000 - 0.0000020

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: $\text{DIAMETER} = \text{PAD EXTENSION} + \text{ARM EXTENSION} + \text{TOOL DIAMETER}$

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	
Calibration-Coefficients Range Check:	Passed

SDLT CALIPER FIELD CALIBRATION			
Tool 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

MICRO LOG SHOP CALIBRATION			
Tool Name:	Microlog Pad - 10673803	Reference Calibration Date:	02-May-14 15:51:10
Engineer:	J. BOLLLOM	Calibration Date:	30-May-14 14:38:35
Software Version:	WL INSITE R4.2.0 (Build 2)	Calibration Version:	1
Host Tool Name:	DSNT - 10735145		

CALIBRATION COEFFICIENT SUMMARY					
Measurement	Micro Log Normal		Micro Log Lateral		Units
	Measured	Calibrated	Measured	Calibrated	
Tool Zero	-0.07	-0.07	-0.01	-0.00	ohmm
Calibration Point #1	-0.01	0.00	-0.01	0.00	ohmm
Calibration Point #2	20.06	20.00	20.05	20.00	ohmm
Internal Reference	19.99	19.93	20.05	20.00	ohmm

Measurement	Micro Log Normal Tool Value	Micro Log Lateral Tool Value	Units
Tool Zero	-0.03	0.26	V

Tool Zero	-0.03	0.26	V
Calibration Point #1	17.95	0.29	V
Calibration Point #2	5428.60	7039.88	V
Internal Reference	5409.26	7040.85	V

MICRO LOG FIELD CHECK

Tool Name: Microlog Pad - 10673803 **Reference Calibration Date:** 30-May-14 14:38:35
Engineer: SHELDON INGERSOLL **Calibration Date:** 05-Jun-14 21:48:33
Software Version: WL INSITE R4.2.0 (Build 2) **Calibration Version:** 1

Measurement	Micro Log Normal		Micro Log Lateral		Units
	Shop	Field	Shop	Field	
Tool Zero	-0.07	-0.07	-0.00	0.01	ohmm
Internal Reference	19.93	19.90	20.00	19.98	ohmm

Summary				
Signal	Shop	Field	Difference	Tolerance
Microlog Normal	19.93	19.90	0.03	+/- 0.80
Microlog Lateral	20.00	19.98	0.02	+/- 0.80

CALIBRATION SUMMARY

Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-11039640						
Gamma Ray Calibrator	269.6	276.7	-----	-7.1	+/- 9.00	api
SDLT-10673803						
Pad Extension	3.75	3.71	-----	0.04	+/-0.10	in
Ring Diameter	8.25	8.26	-----	-0.01	+/-0.15	in
Microlog Pad-10673803						
MicroLog Normal	19.93	19.90	-----	0.03	+/-0.80	ohmm
MicroLog Lateral	20.00	19.98	-----	0.02	+/-0.80	ohmm

Data: MYLES_MCGEHEE17\0001 SP-GTET-DSNT-SDLT-BN\001 06-Jun-14 04:23 Dn @3.3f Date: 06-Jun-14 04:36:16



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	
PCAL	Pad Caliper	3.15	TRI	0.250
ACAL	Arm Caliper	3.15	TRI	0.250

SDLT Pad

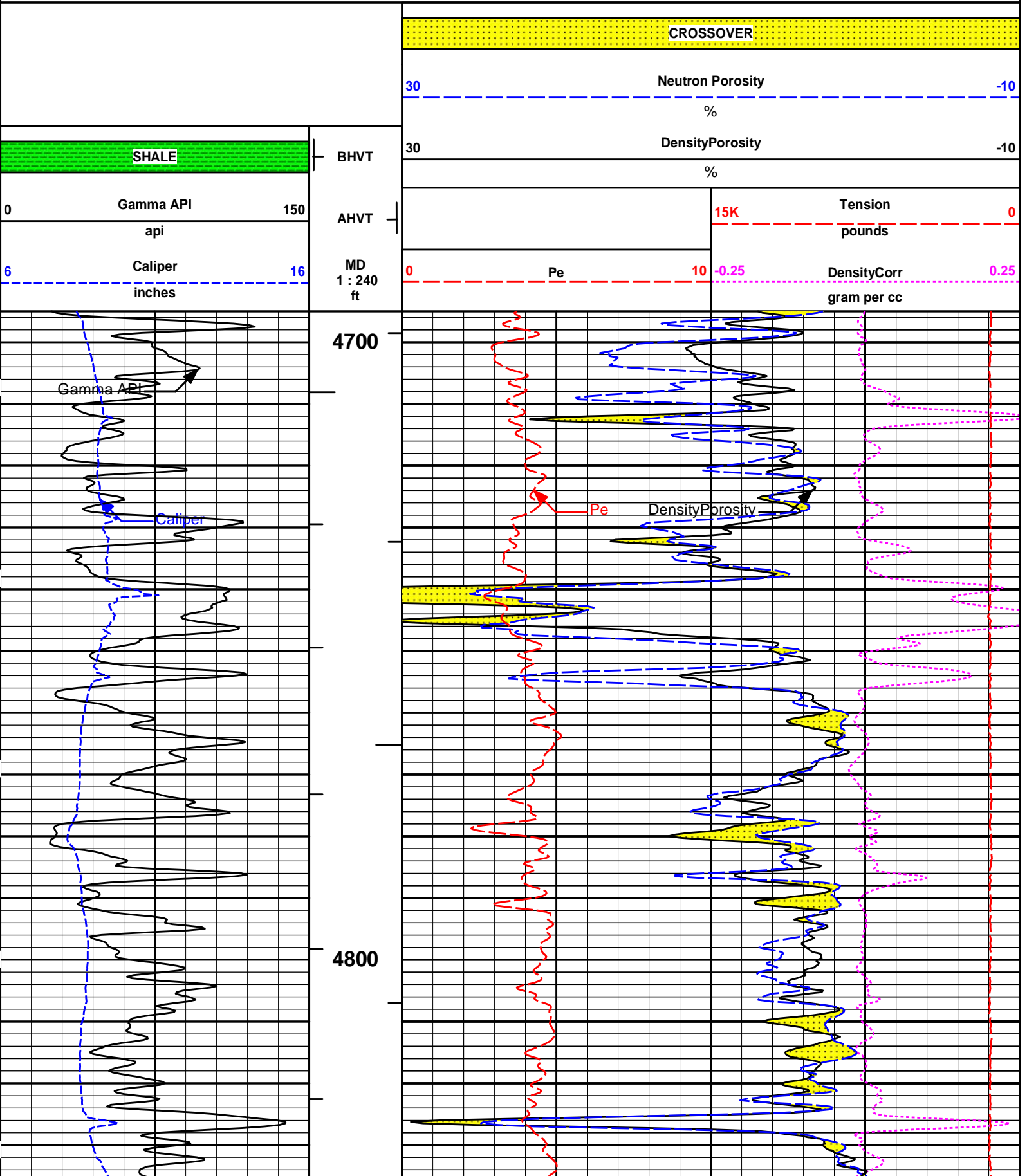
TPUL	Tension Pull	3.14	NO	
NAB	Near Above	2.96	BLK	0.920
NHI	Near Cesium High	2.96	BLK	0.920
NLO	Near Cesium Low	2.96	BLK	0.920
NVA	Near Valley	2.96	BLK	0.920
NBA	Near Barite	2.96	BLK	0.920
NDE	Near Density	2.96	BLK	0.920
NPK	Near Peak	2.96	BLK	0.920
NLI	Near Lithology	2.96	BLK	0.920
NBAU	Near Barite 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	

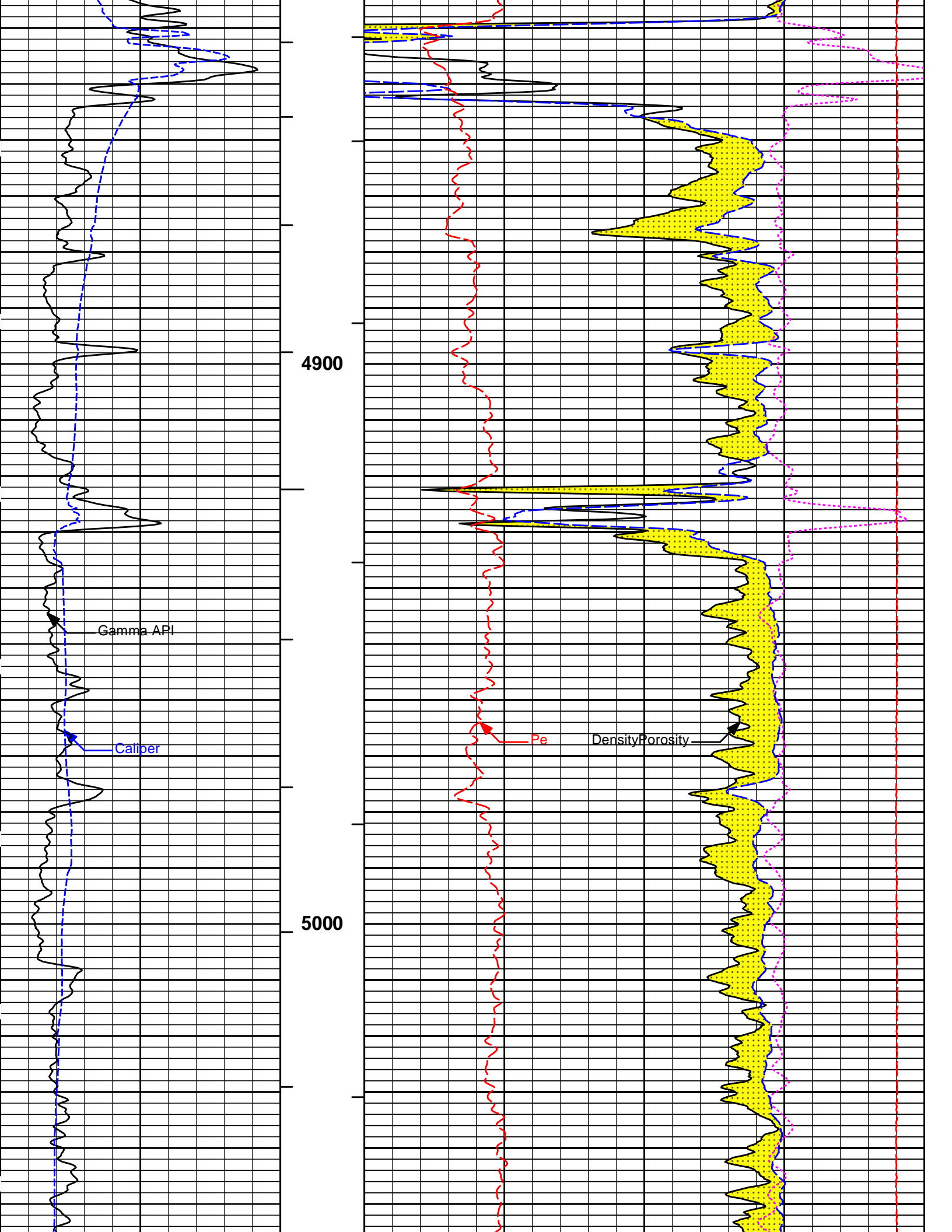
Microlog Pad

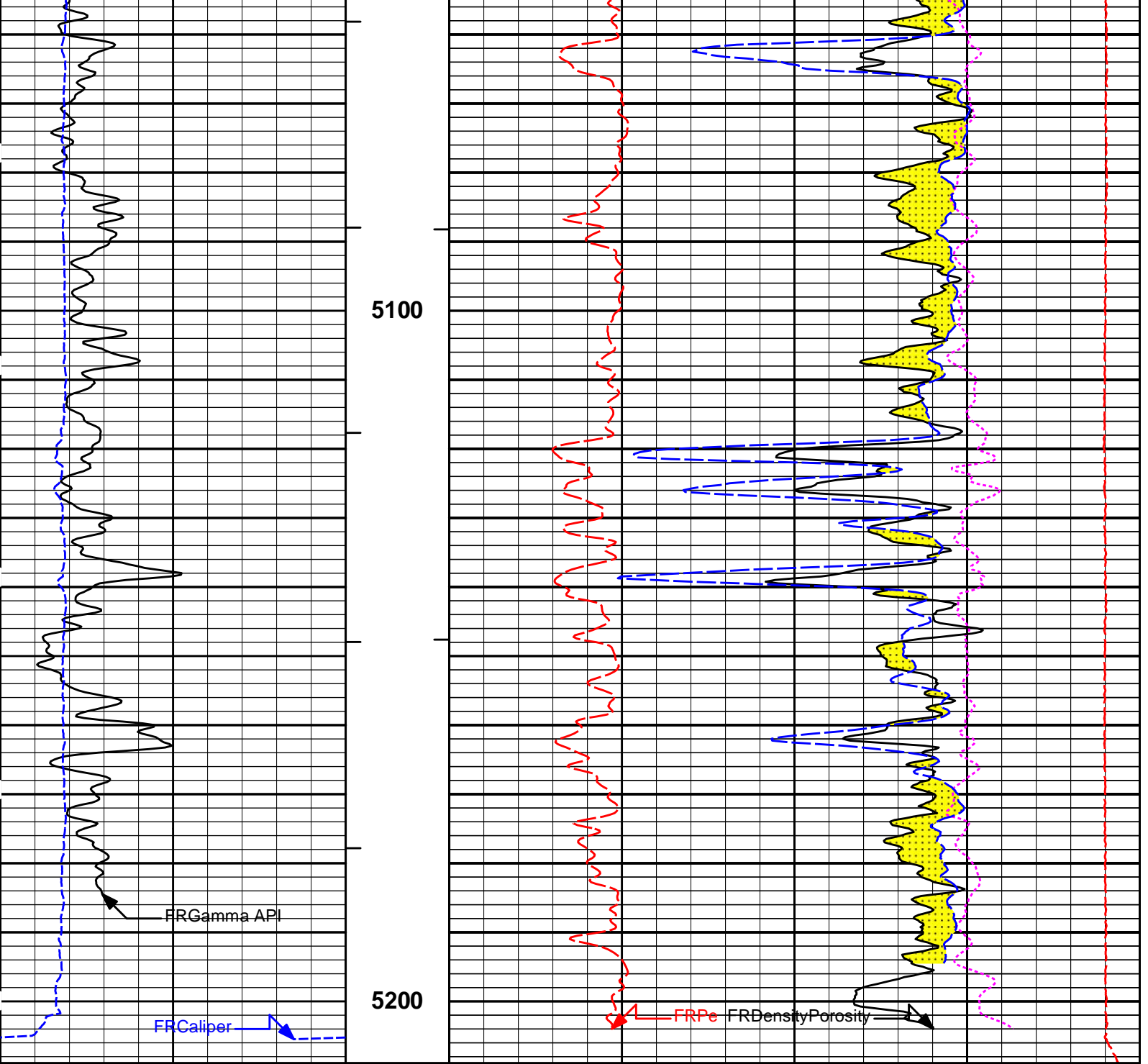
TPUL	Tension Pull	3.33	NO	
MINV	Microlog Lateral	3.33	BLK	0.750
MNOR	Microlog Normal	3.33	BLK	0.750

COMPANY	BENGALIA LAND AND CATTLE		
WELL	MYLES MCGEHEE 1-7		
FIELD	WILDCAT		
COUNTY	GRAY	STATE	KANSAS
HALLIBURTON		MICROLOG	

REPEAT SECTION







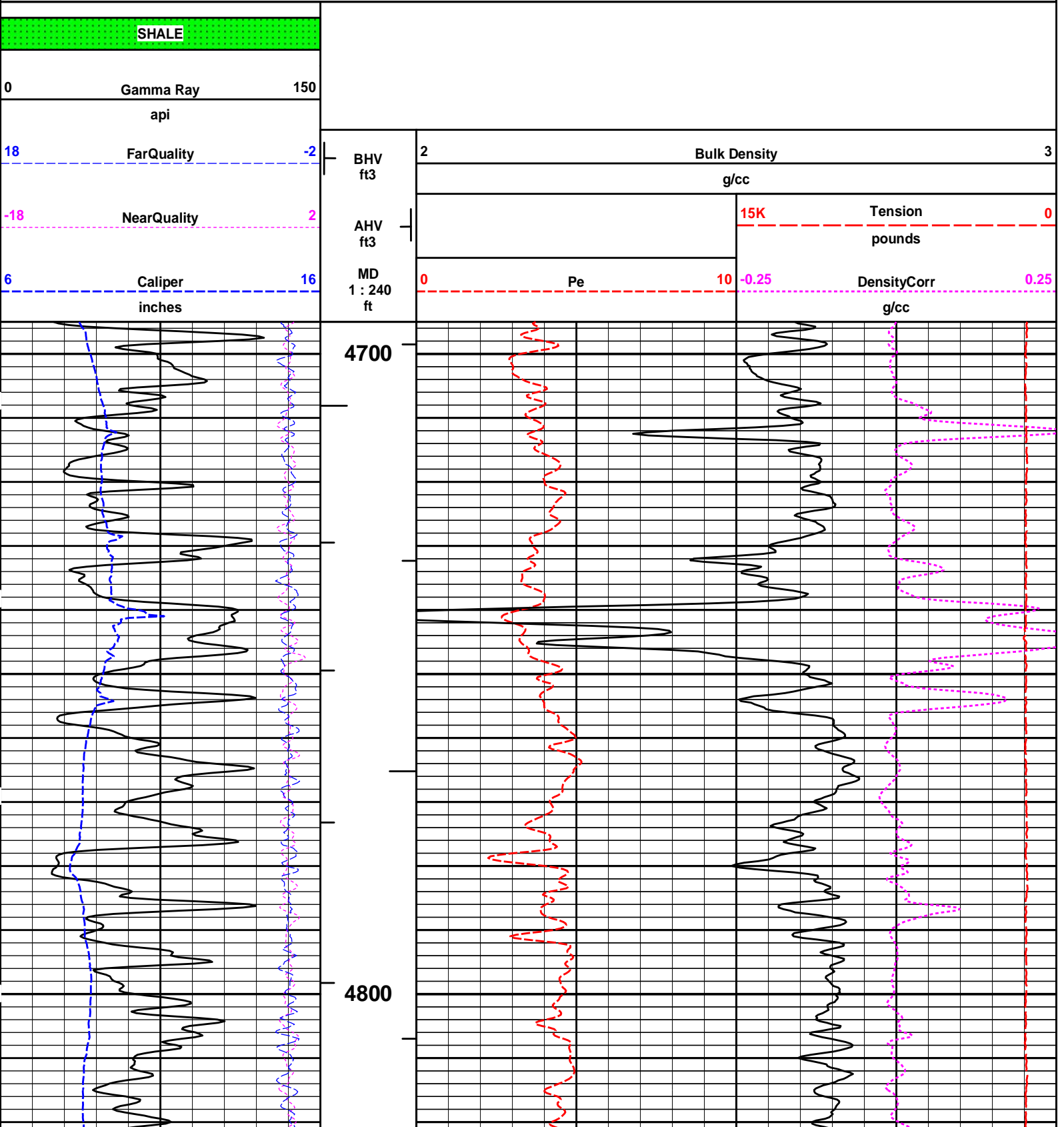
6	Caliper	16	MD	0	Pe	10	-0.25	DensityCorr	0.25
	inches		1 : 240					gram per cc	
0	Gamma API	150	AHVT			15K		Tension	0
	api							pounds	
	SHALE		BHVT	30	DensityPorosity				-10
					%				
				30	Neutron Porosity				-10
					%				
					CROSSOVER				

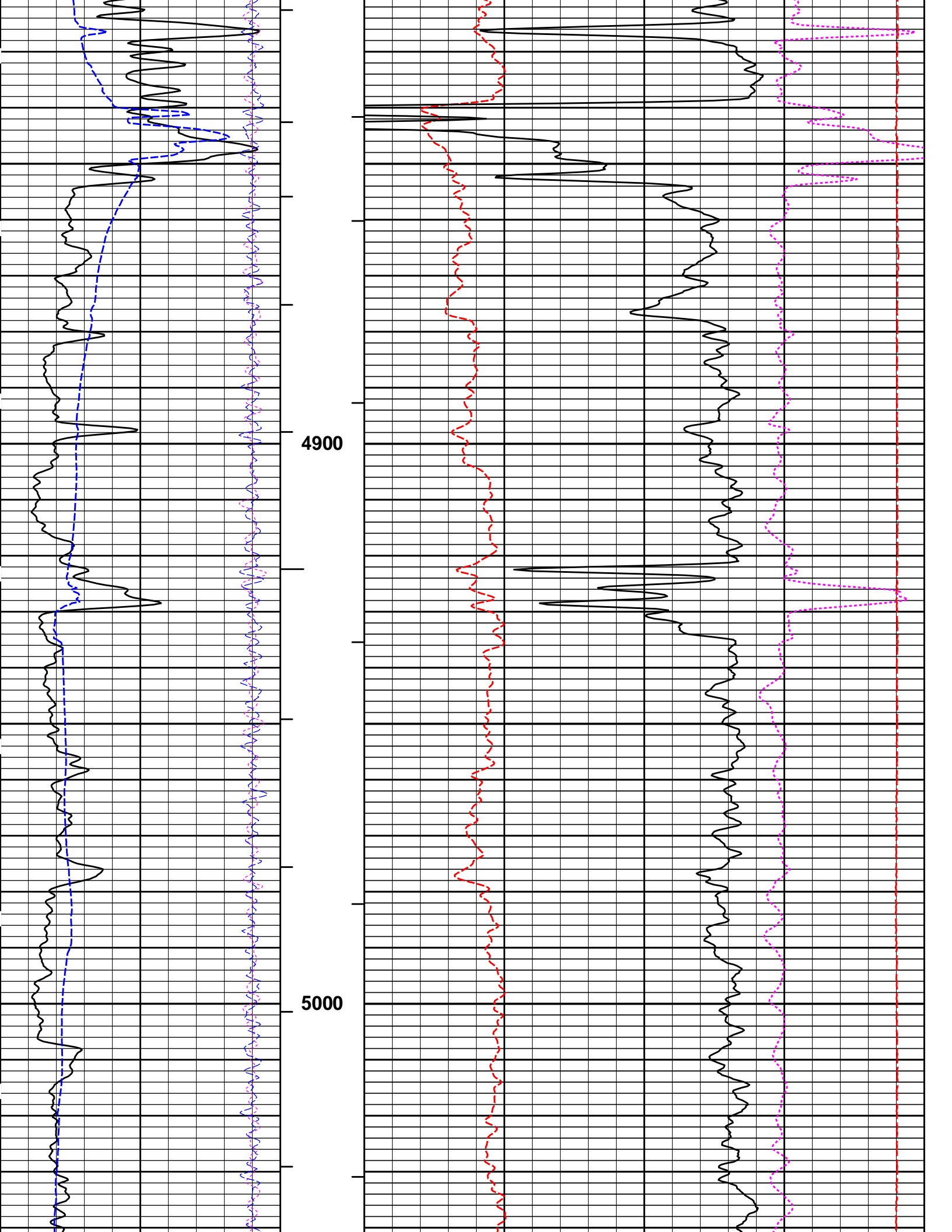
REPEAT SECTION

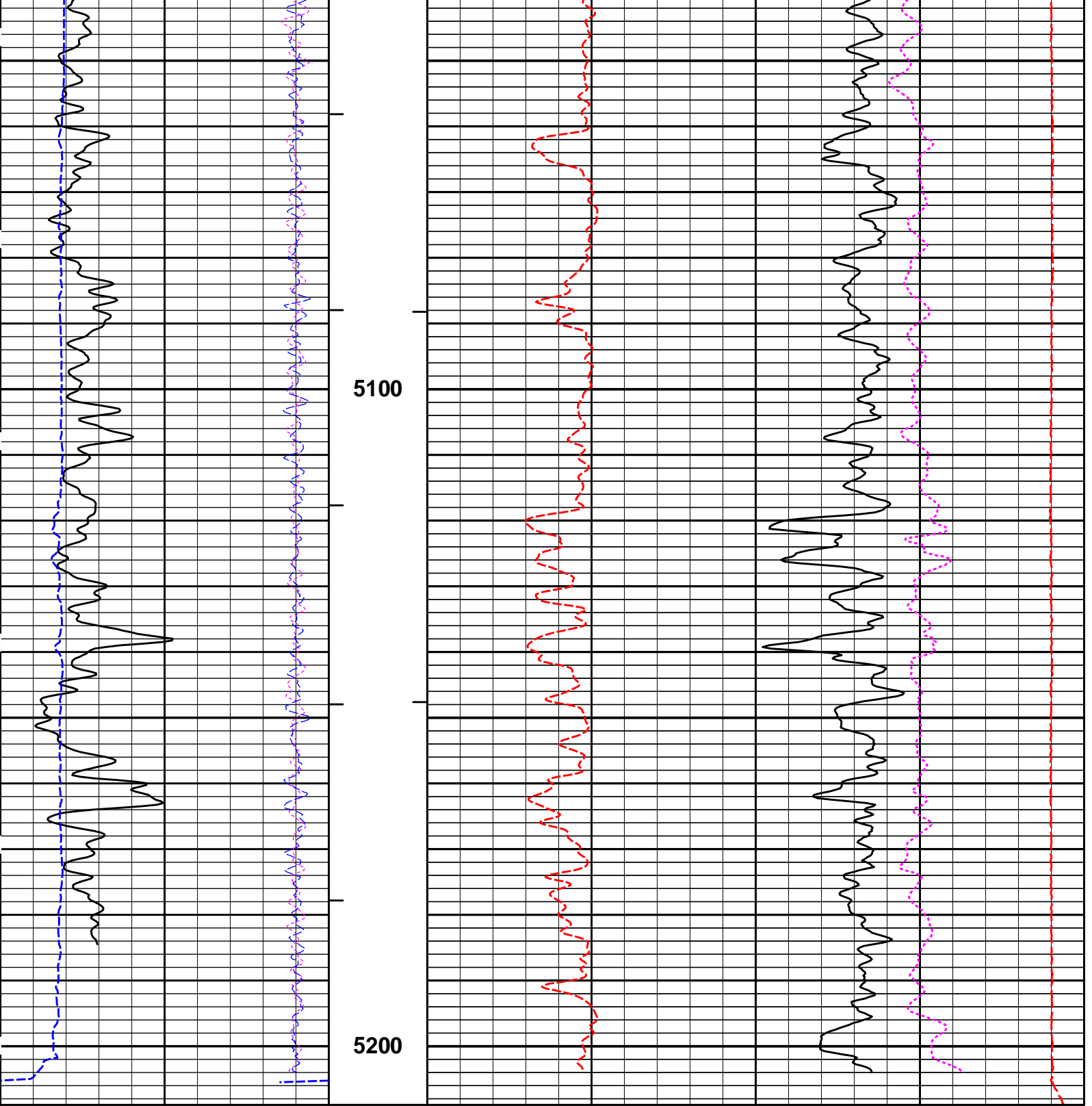
HALLIBURTON

Plot Time: 06-Jun-14 06:06:12
 Plot Range: 4695 ft to 5208.92 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 REPEAT POROSITY\
 Plot File: \\-LOCAL-(not saved)\BULKD_5_REP_LIB

REPEAT SECTION



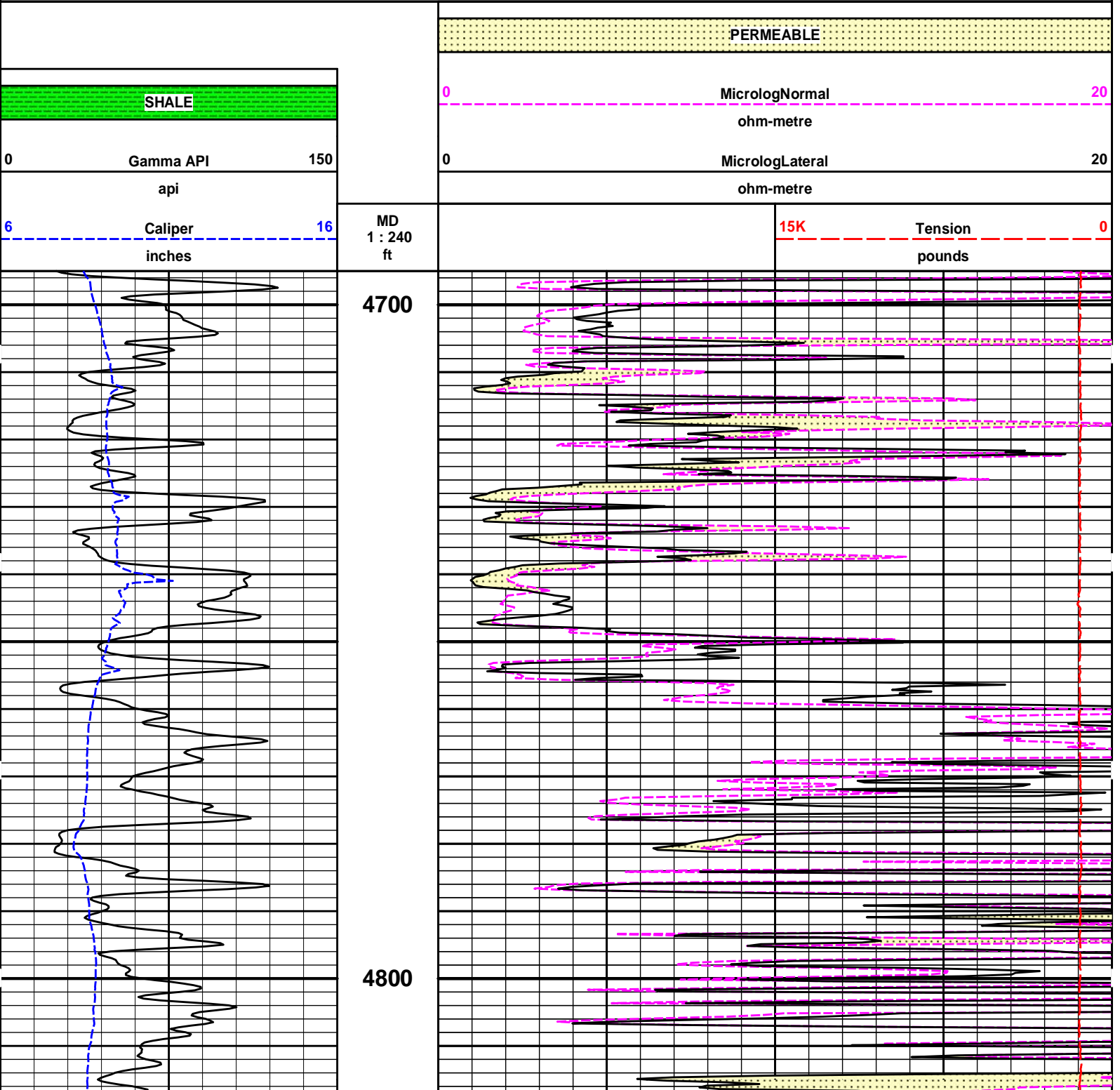


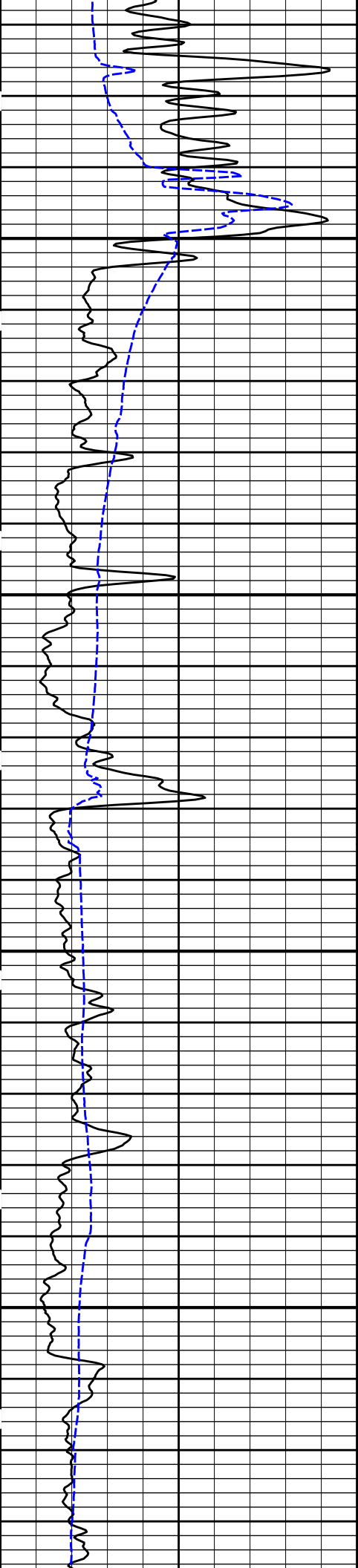


<p>6 Caliper 16 inches</p>	<p>MD 1 : 240 ft</p>	<p>0 Pe 10</p>	<p>-0.25 DensityCorr 0.25 g/cc</p>
<p>-18 NearQuality 2</p>	<p>AHV ft3</p>		<p>15K Tension 0 pounds</p>
<p>18 FarQuality -2</p>	<p>BHV ft3</p>	<p>2 Bulk Density 3 g/cc</p>	
<p>0 Gamma Ray 150 api</p>			
<p>SHALE</p>			

REPEAT SECTION

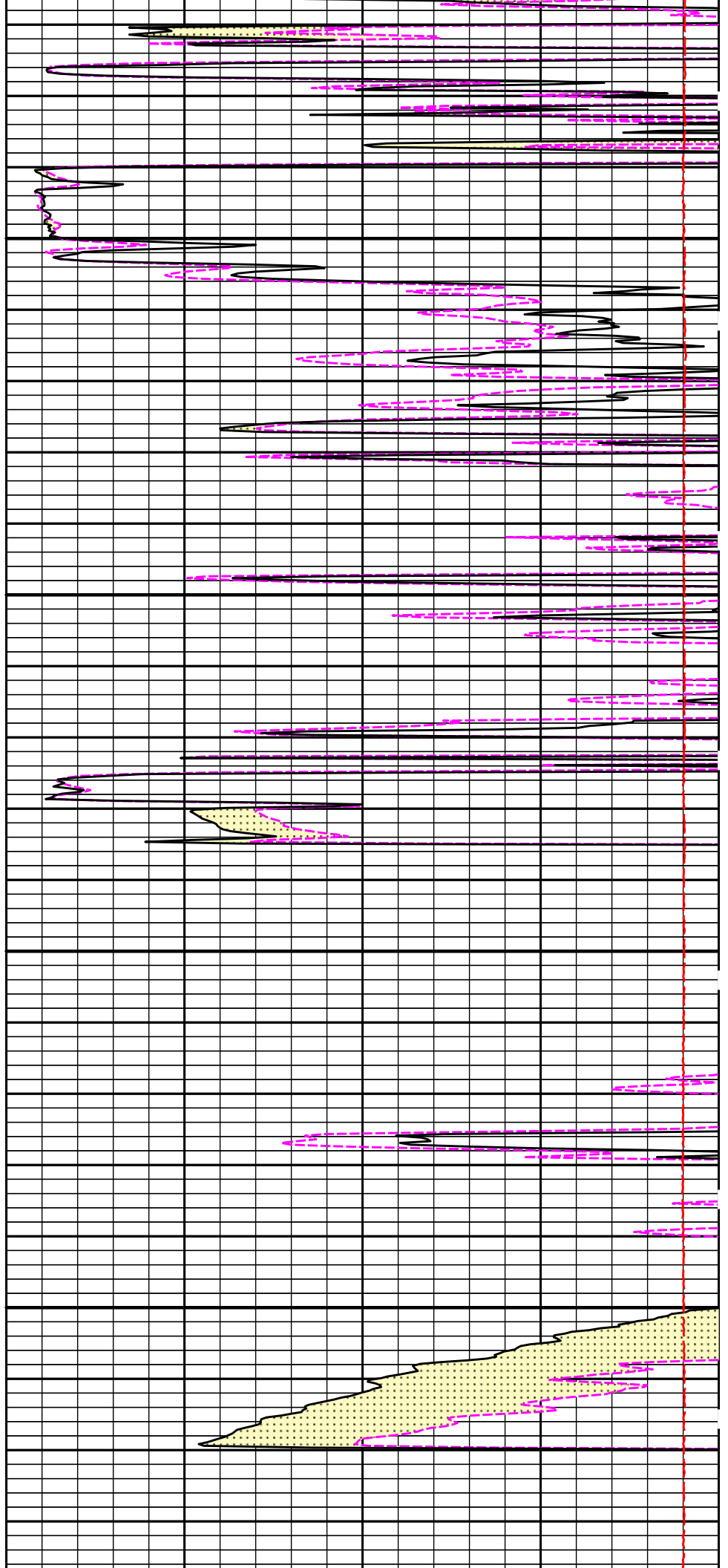
REPEAT SECTION

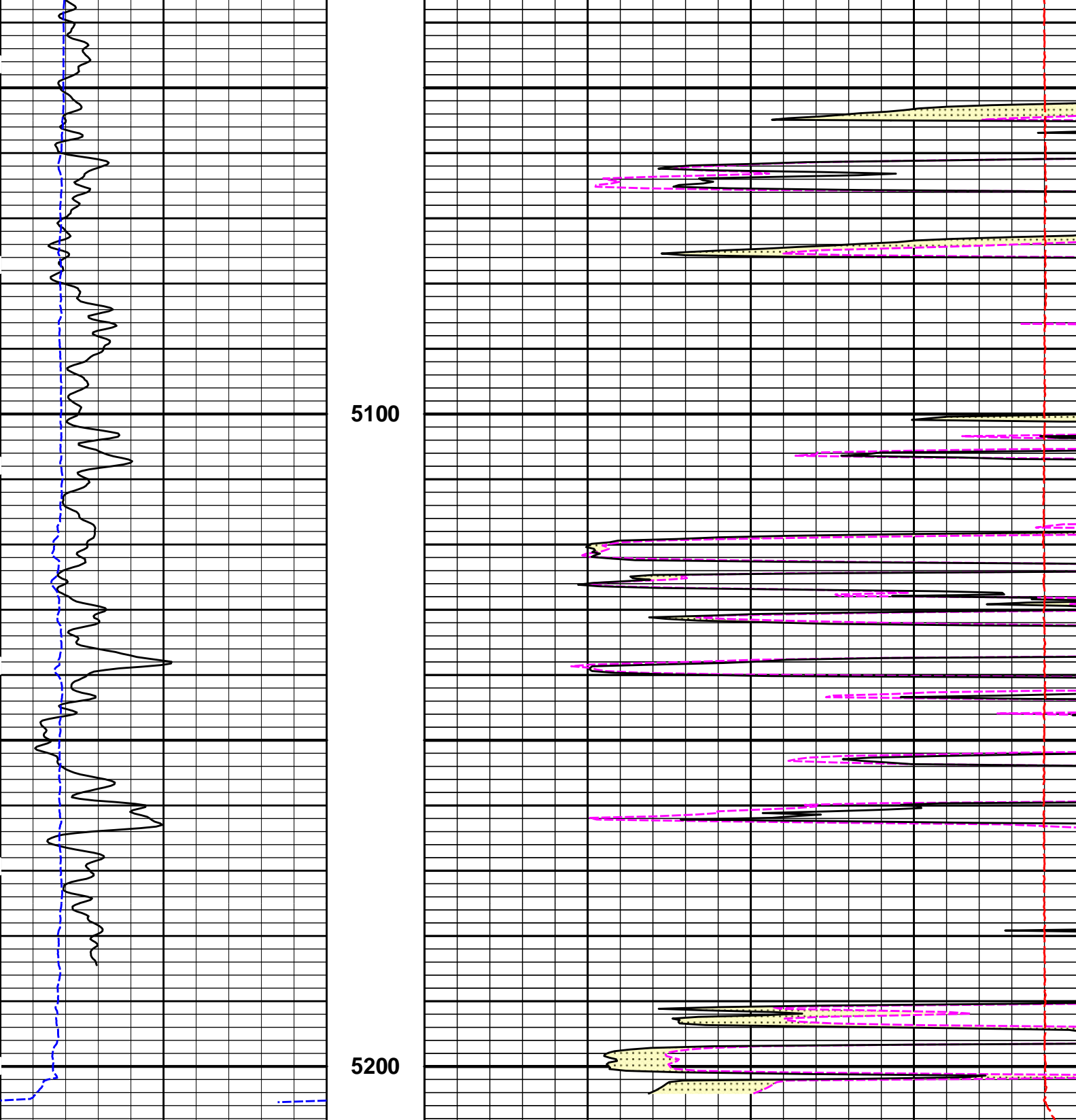




4900

5000





5100

5200

6	Caliper	16	MD	15K	Tension	0
	inches		1 : 240		pounds	
0	Gamma API	150		0	MicrologLateral	20
	api				ohm-metre	
	SHALE			0	MicrologNormal	20
					ohm-metre	
					PERMEABLE	

REPEAT SECTION



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

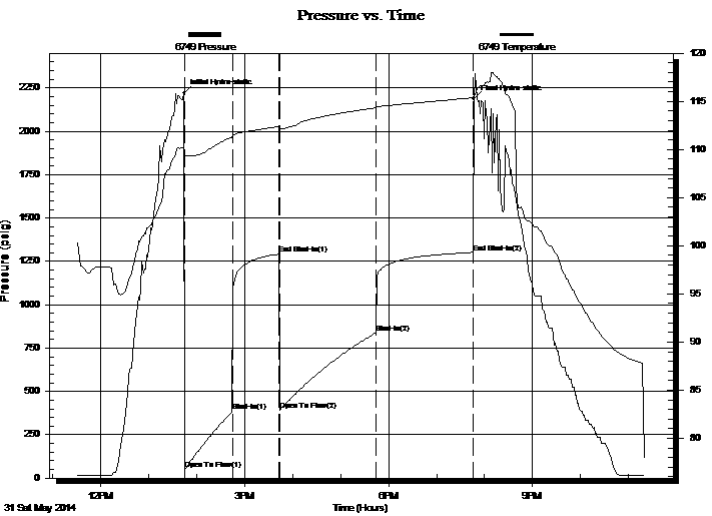
Time On Btm:

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

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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

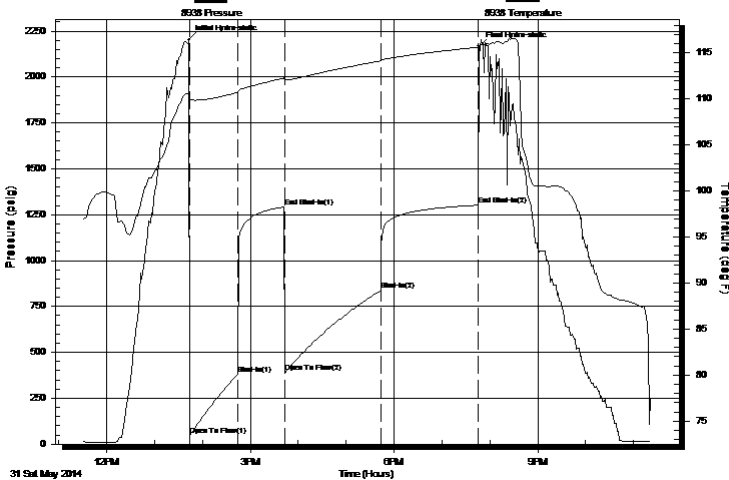
End Time: 23:22:30

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 vs. Time



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

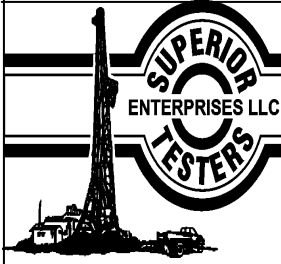
Test Start: 2014.05.31 @ 11:30:00

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
			Total Volume: 61.80 bbl	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

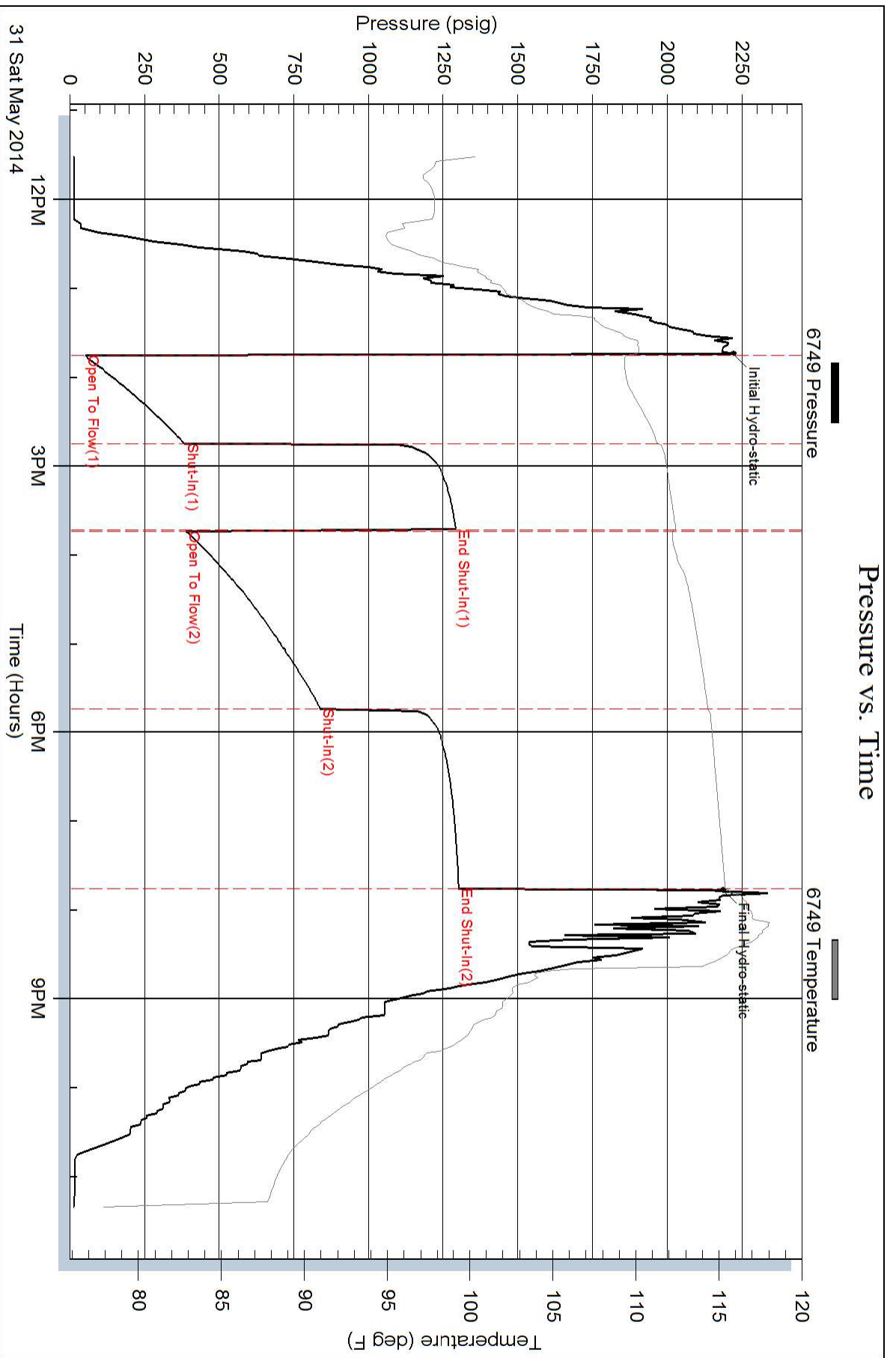
Total Length: 1736.00 ft Total Volume: 24.352 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

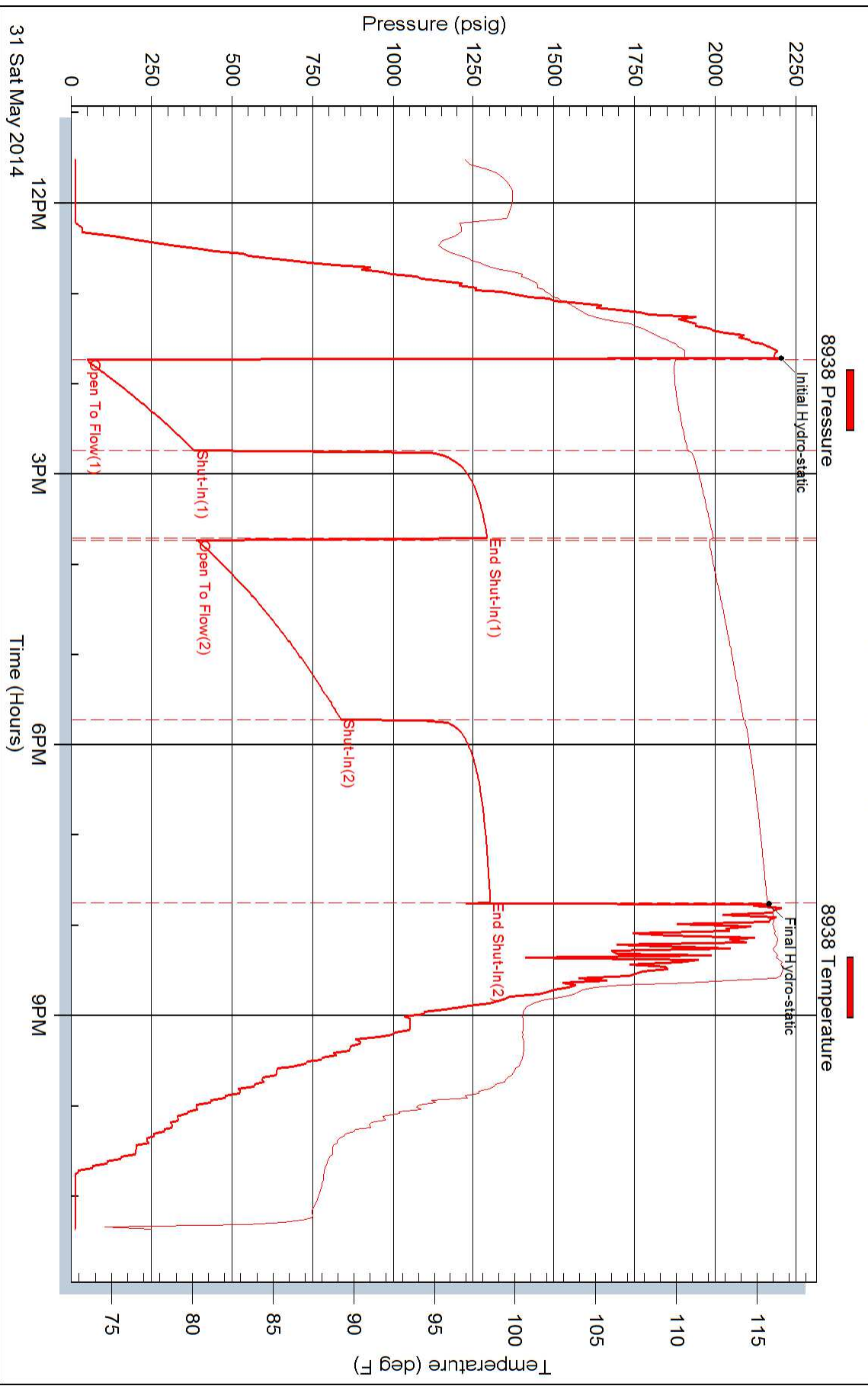
Laboratory Name: Laboratory Location:

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

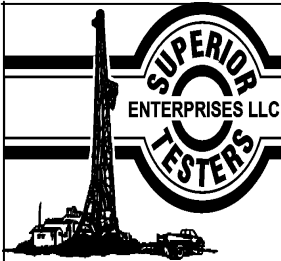
Start Date: 2014.06.02 @ 17:51:00

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)

Total Depth: 4873.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2837.00 ft (KB)

2827.00 ft (CF)

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

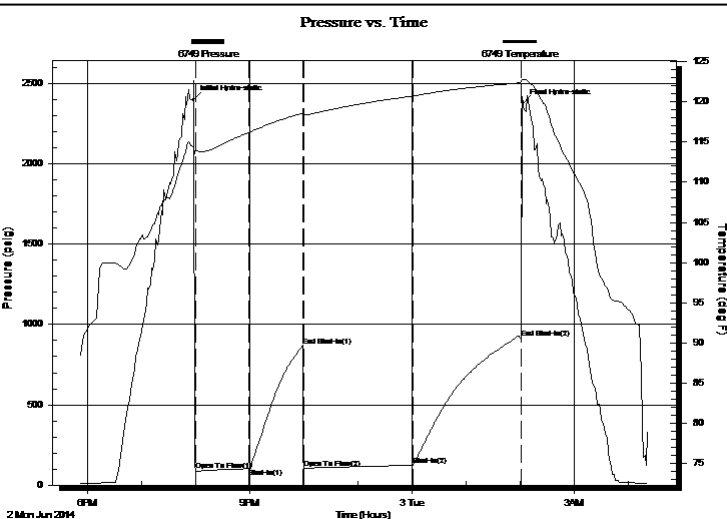
Start Time: 17:51:00

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

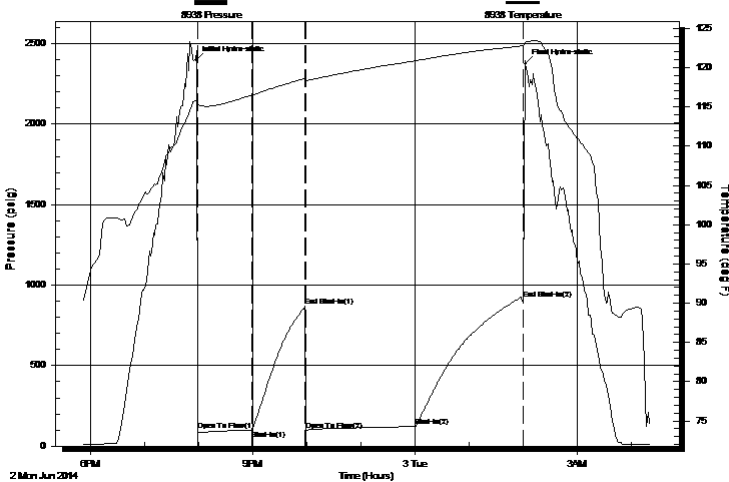
TEST COMMENT: 1ST Open 60 Minutes/Good blow/Blow built to bottom of bucket in 8 minutes

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 vs. Time



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
			Total Volume: 66.63 bbl	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

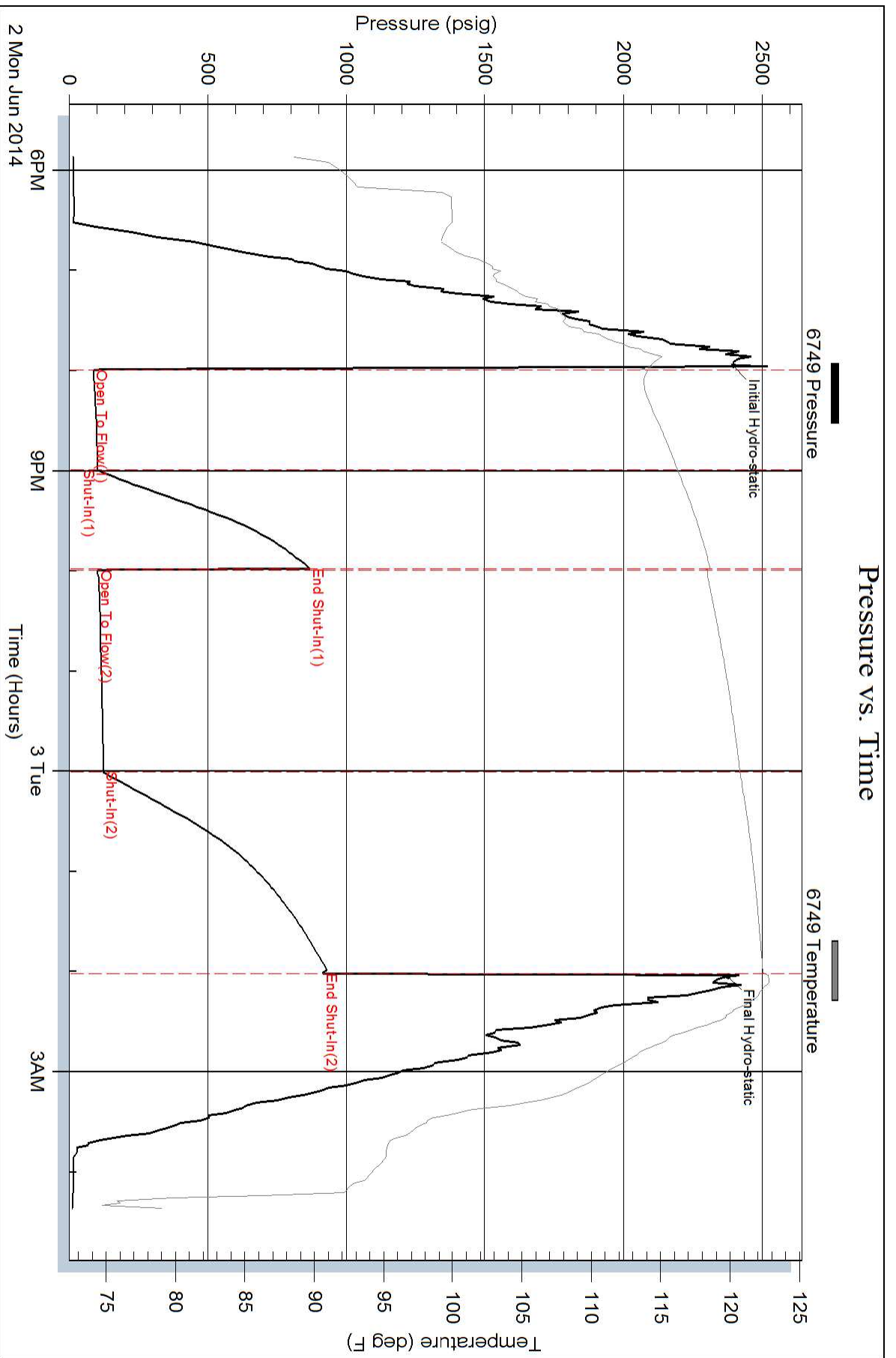
Serial #:

Laboratory Name:

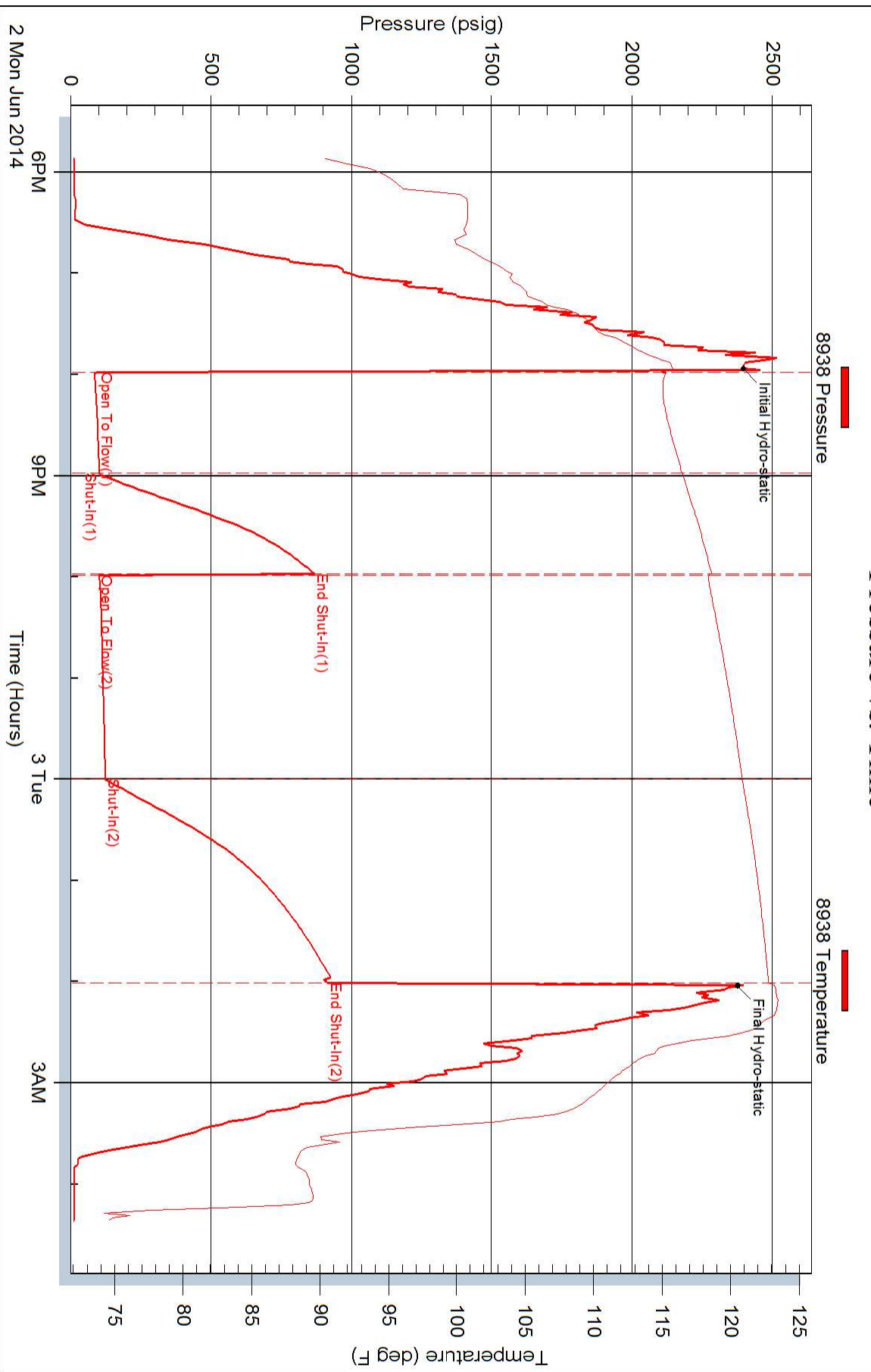
Laboratory Location:

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:

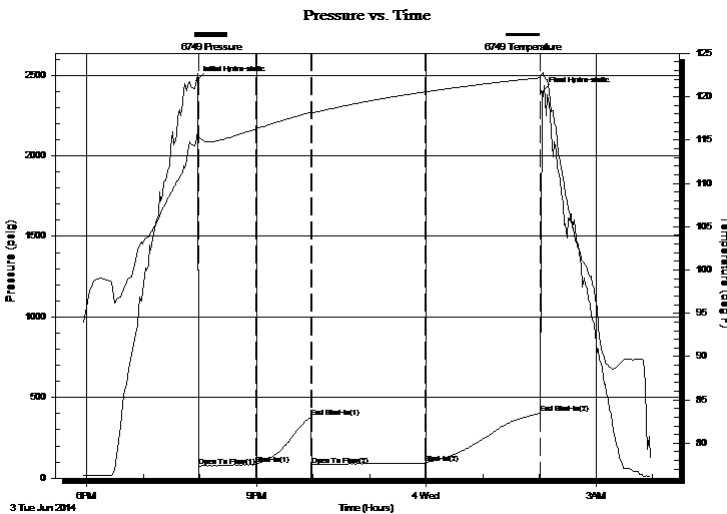
2014.06.03 @ 19:57:00

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

Gas Rates

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

	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

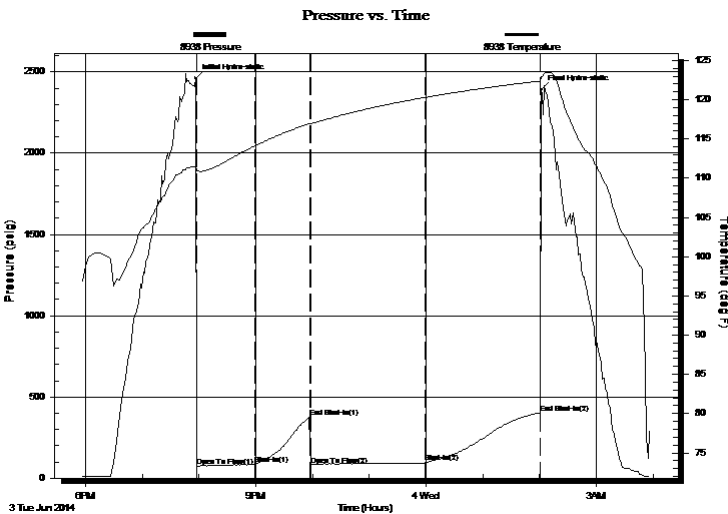
Start Time: 17:56:00 End Time: 03:57:30

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
			<u>Total Volume: 67.95 bbl</u>	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: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

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

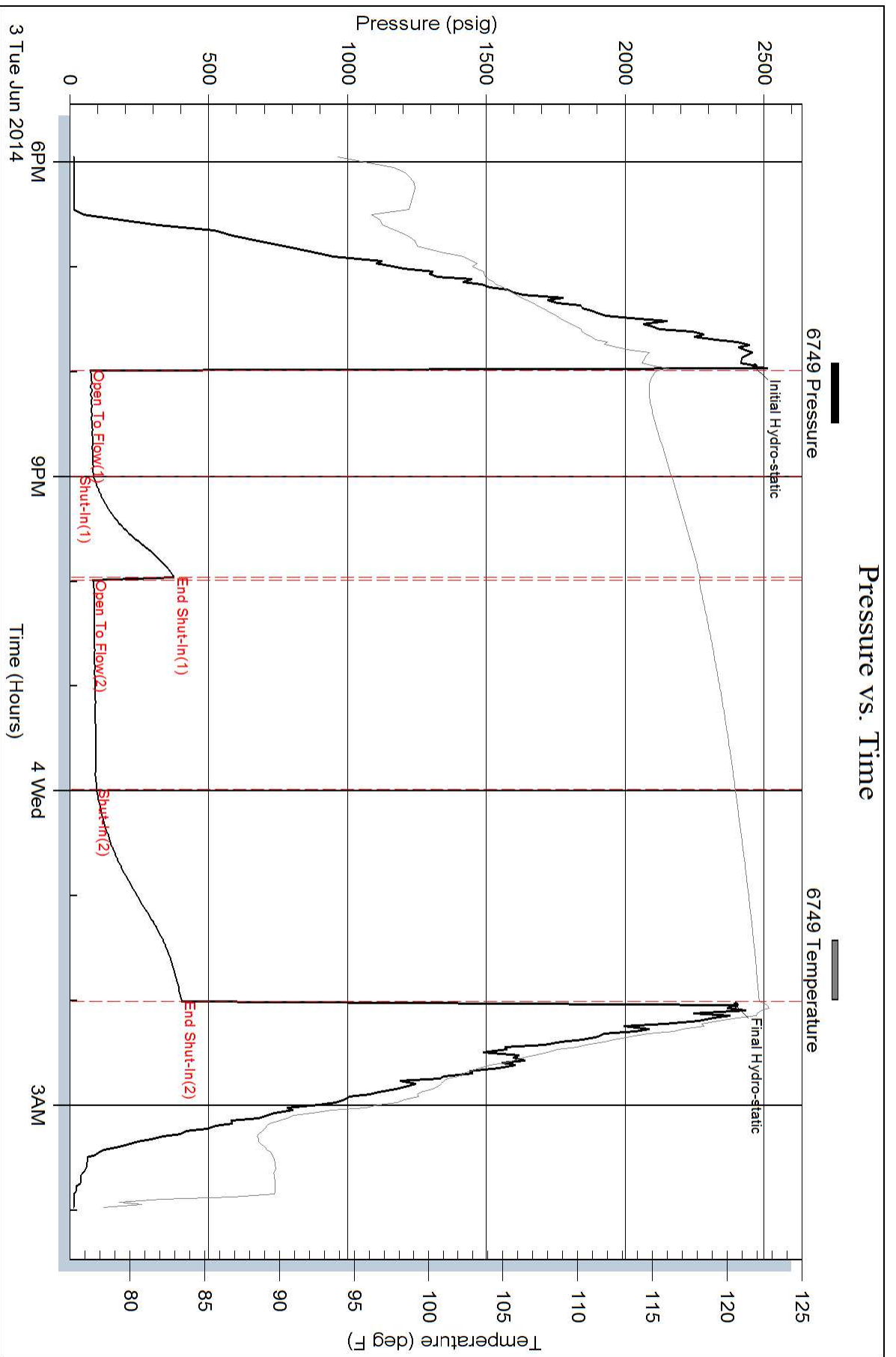
Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

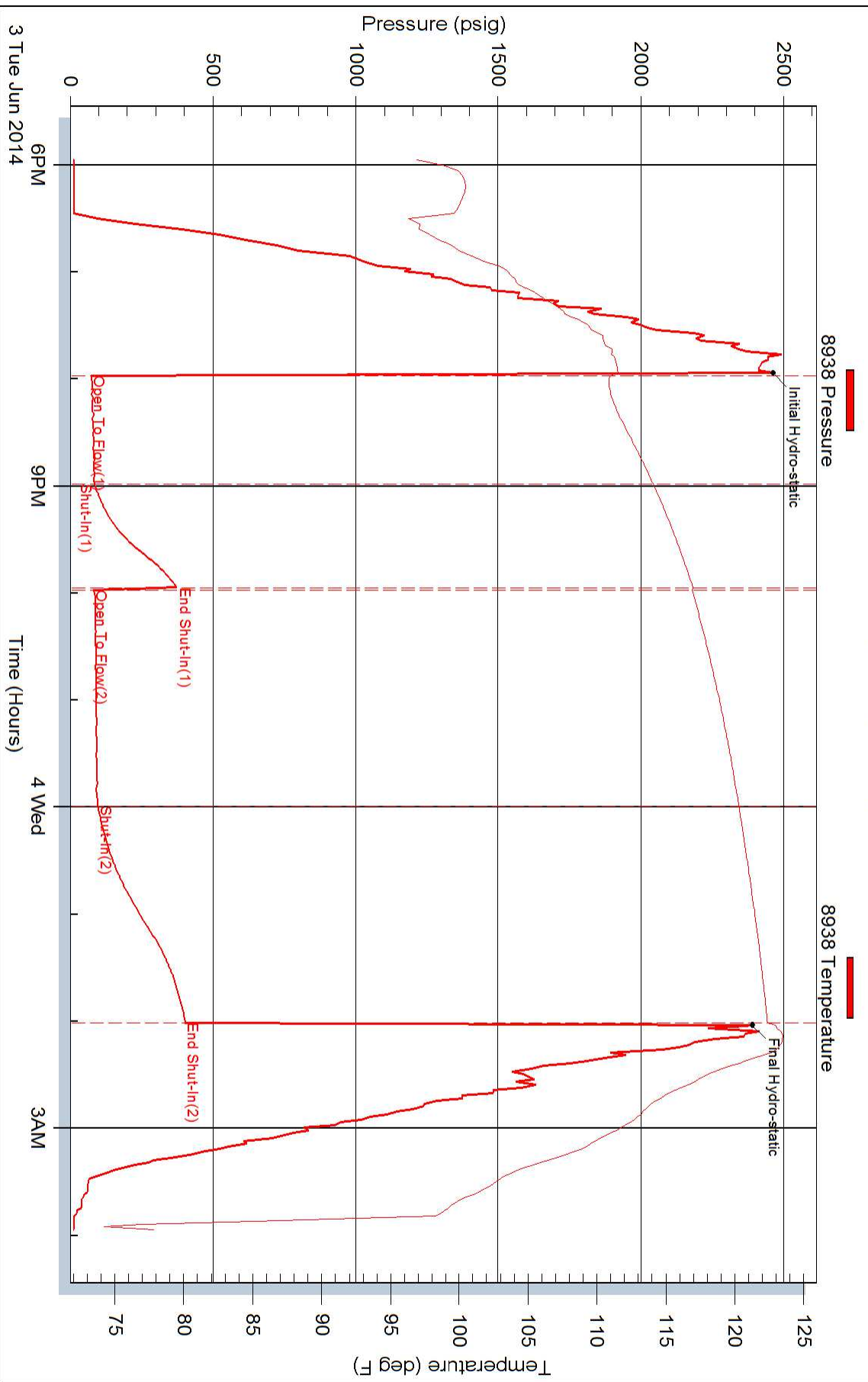
Laboratory Name: Laboratory Location:

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**

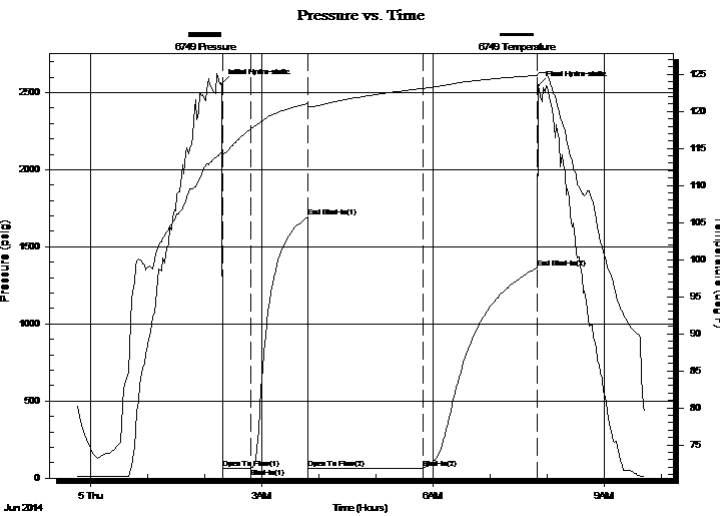
Test Start: 2014.06.04 @ 23:45:00

GENERAL INFORMATION:

Formation: **St Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:18:30
 Time Test Ended: 09:43:00
 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 #: 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**

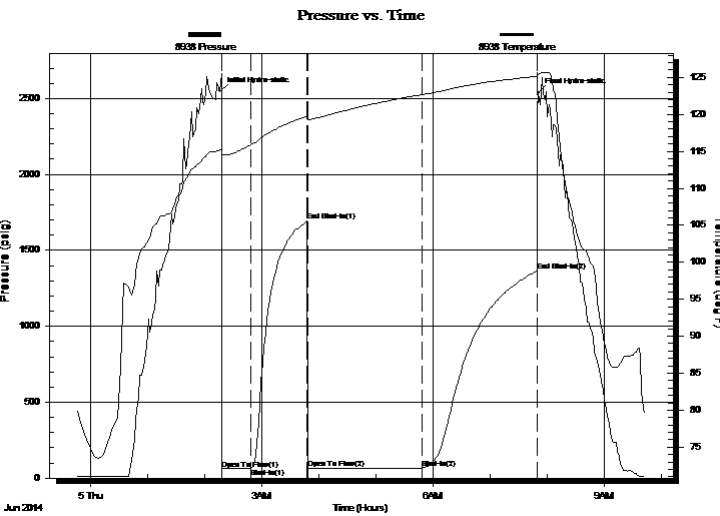
Test Start: 2014.06.04 @ 23:45:00

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
			<u>Total Volume: 70.53 bbl</u>	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

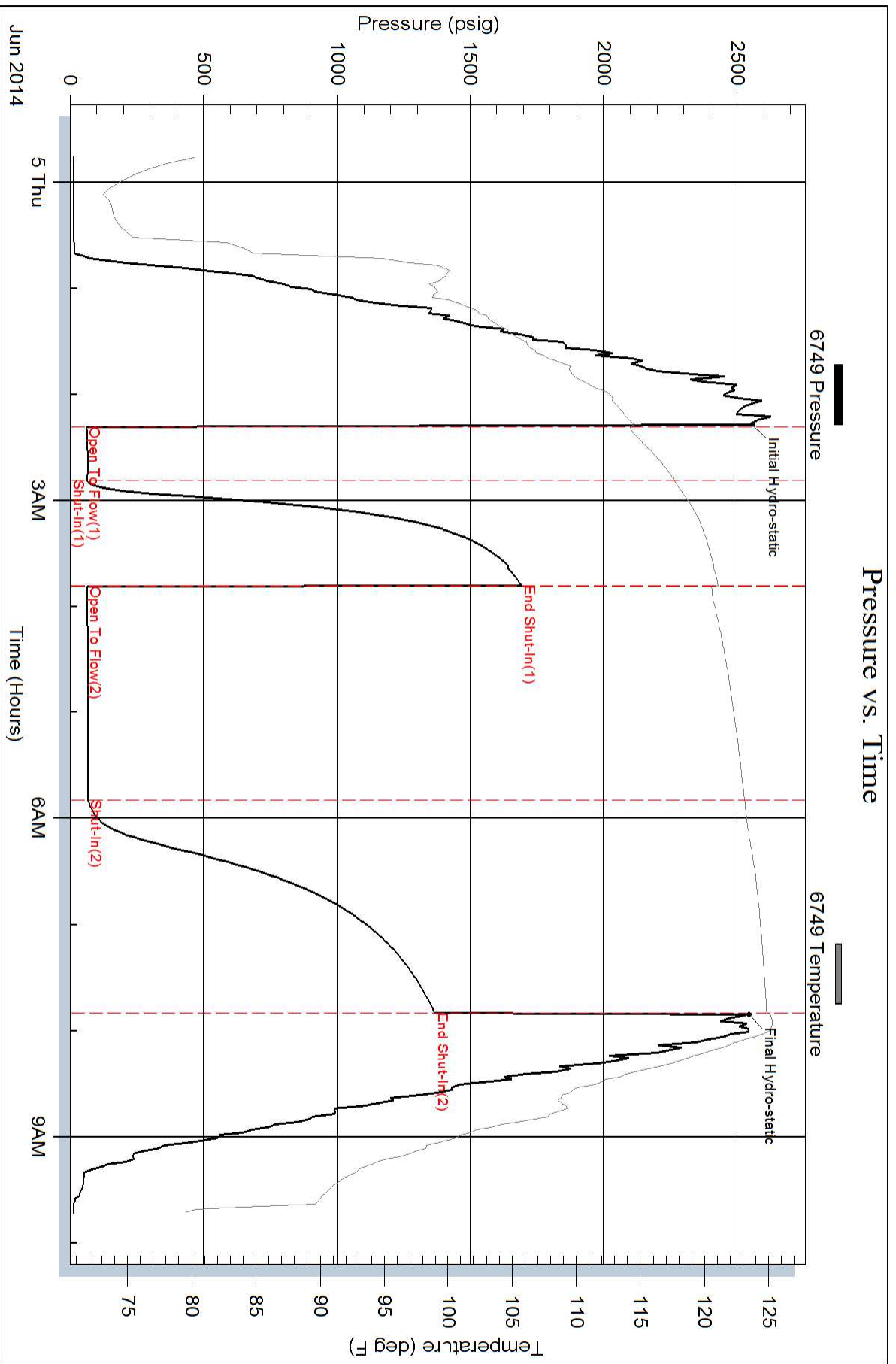
Serial #:

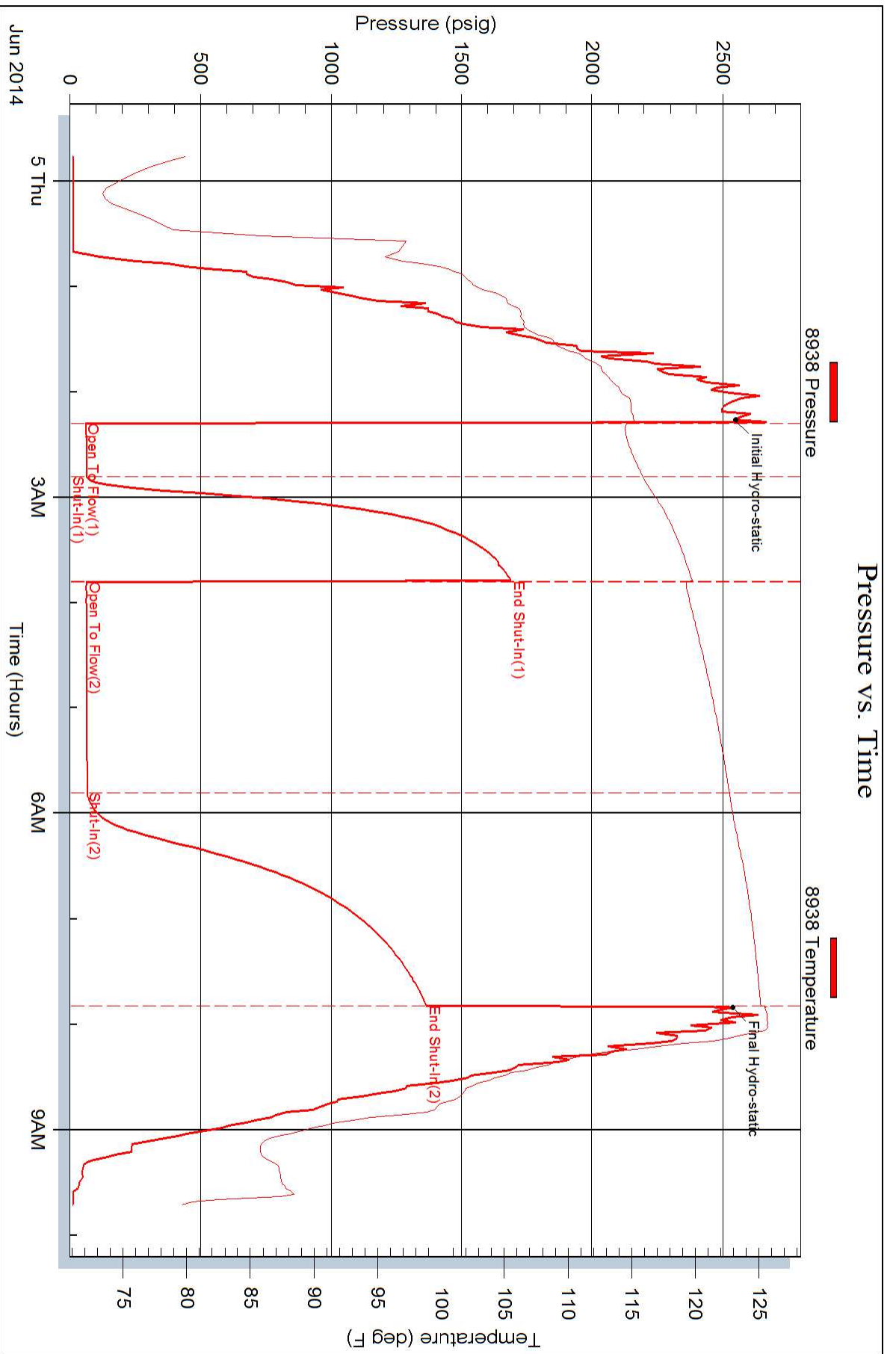
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





HALLIBURTON

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 COMPANY WELL FIELD/BLOCK COUNTY STATE BENGALIA LAND AND CATTLE MYLES MCGEHEE 1-7 WILDCAT GRAY KANSAS Sect. 7 Twp. 25S Rge. 30W API No. 15-069-20390-00-00 Location (SHL) 1980' FNL & 1980' FEL Other Services: DSN / SDL MICROLOG BSAT ACRT XRMI 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
---	---

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		
Serial No.	11039640			Serial No.				Serial No.	10673790			Serial No.	10735145		
Model No.	GTET			Model No.				Model No.	SDLT			Model No.	DSNT		
Diameter	3.625"			No. of Cent.				Diameter	5.3"			Diameter	3.625"		
Detector Model No.	T-102			Spacing				Log Type	GAM-GAM			Log Type	NEU-NEU		
Type	SCINT							Source Type	CS-137			Source Type	AM-241BE		
Length	8"			LSA [Y/N]				Serial No.	5073GW			Serial No.	DSN-436		
Distance to Source	N/A			FWDA [Y/N]				Strength	1.5 CI			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.

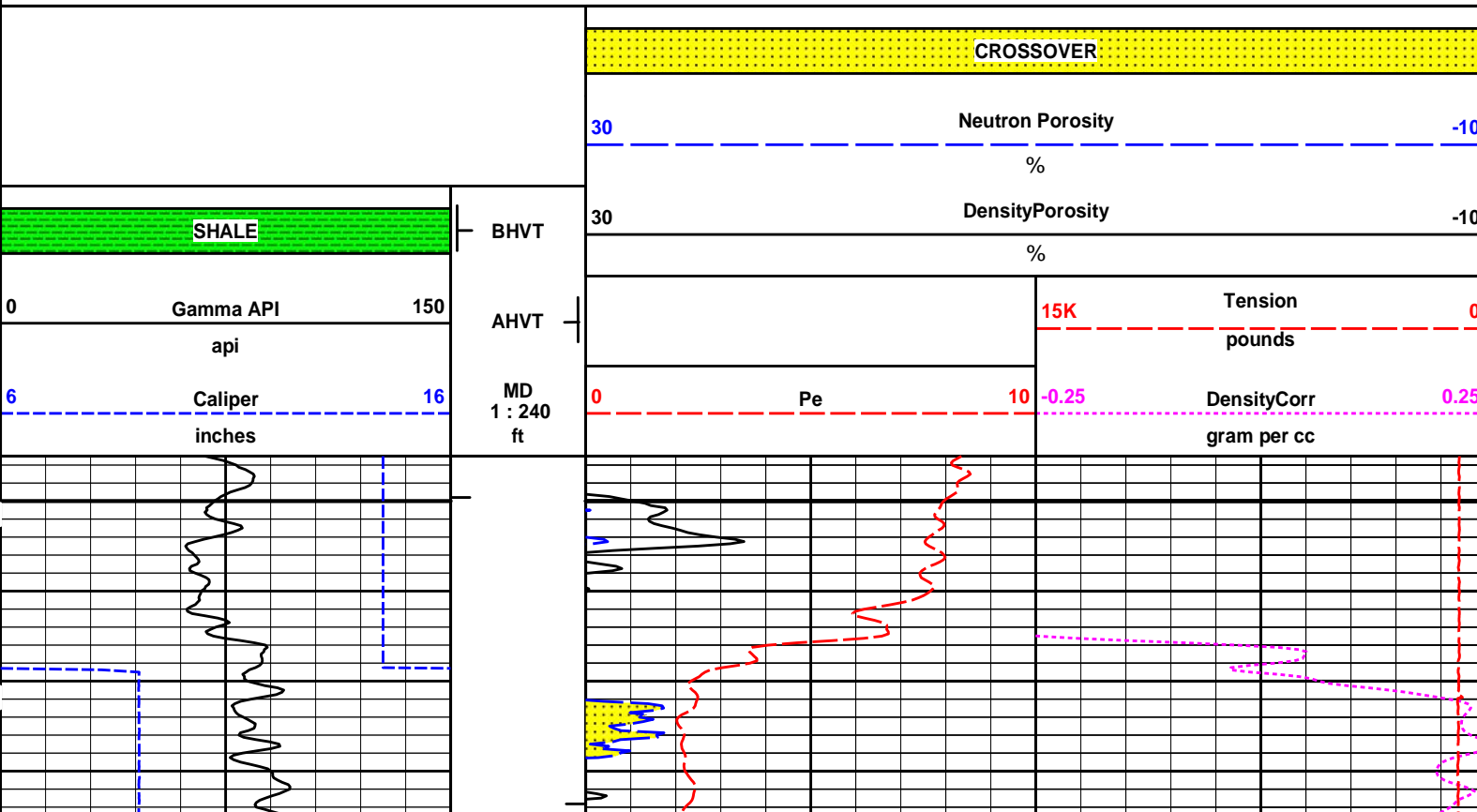
CHLORIDES REPORTED AT 4200 ppm.

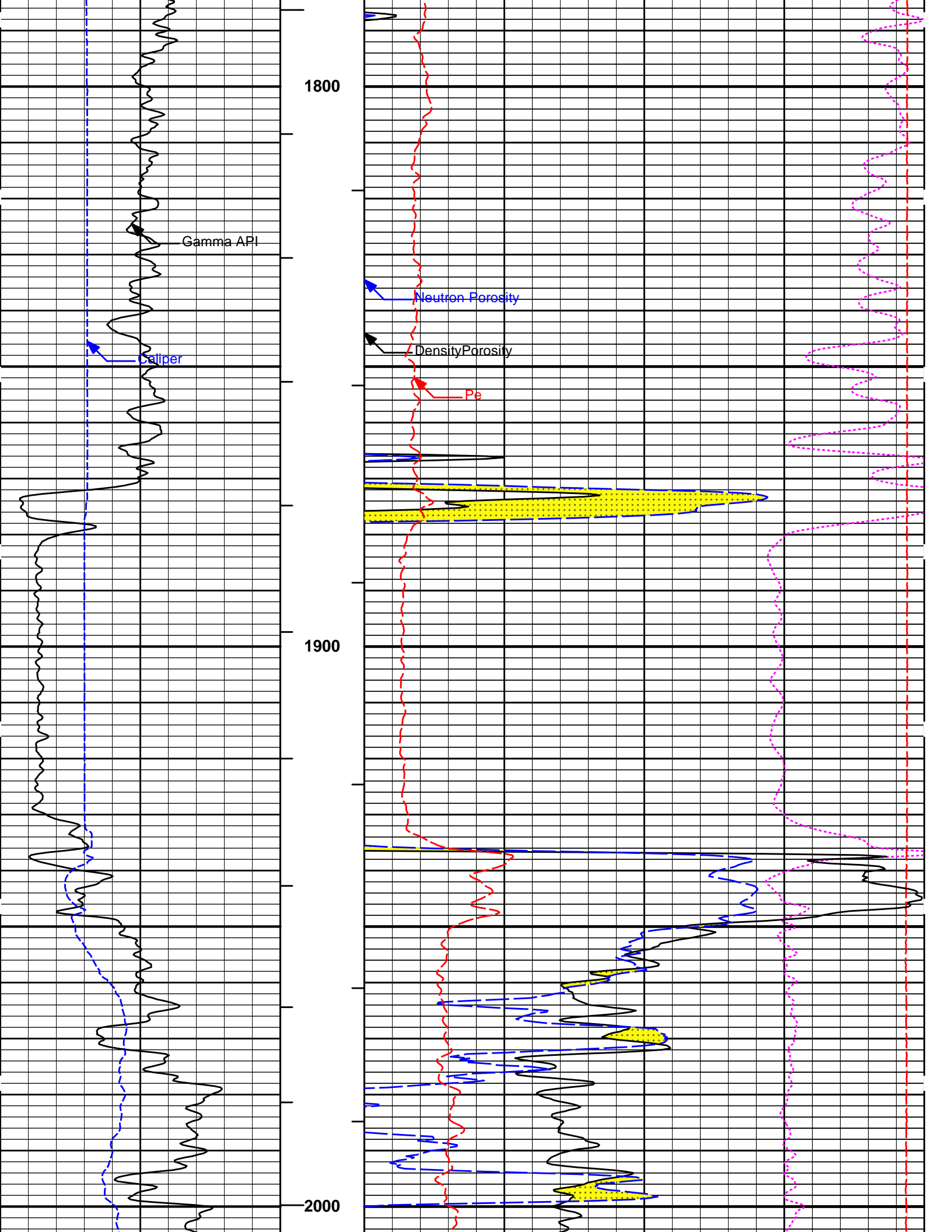
HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR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

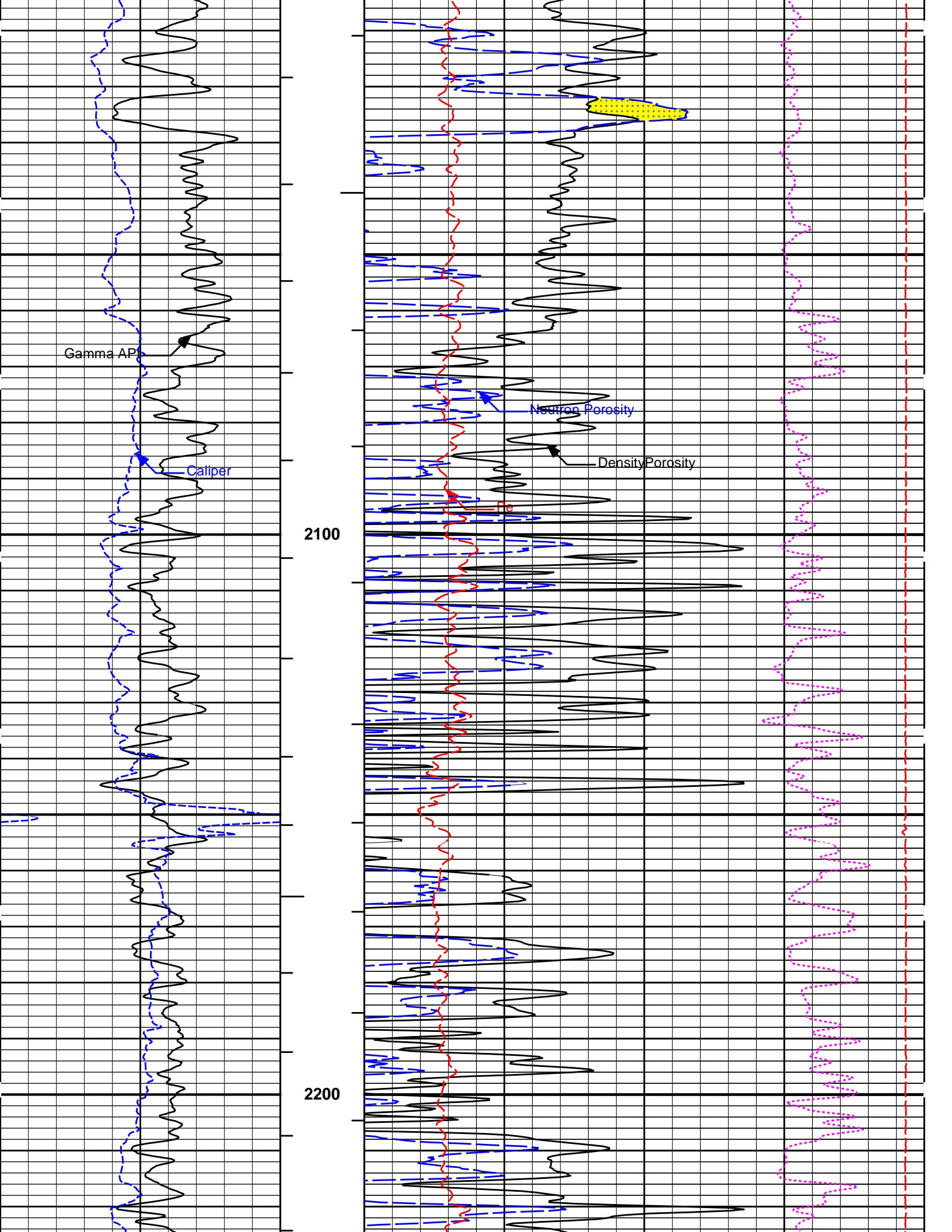
HALLIBURTON

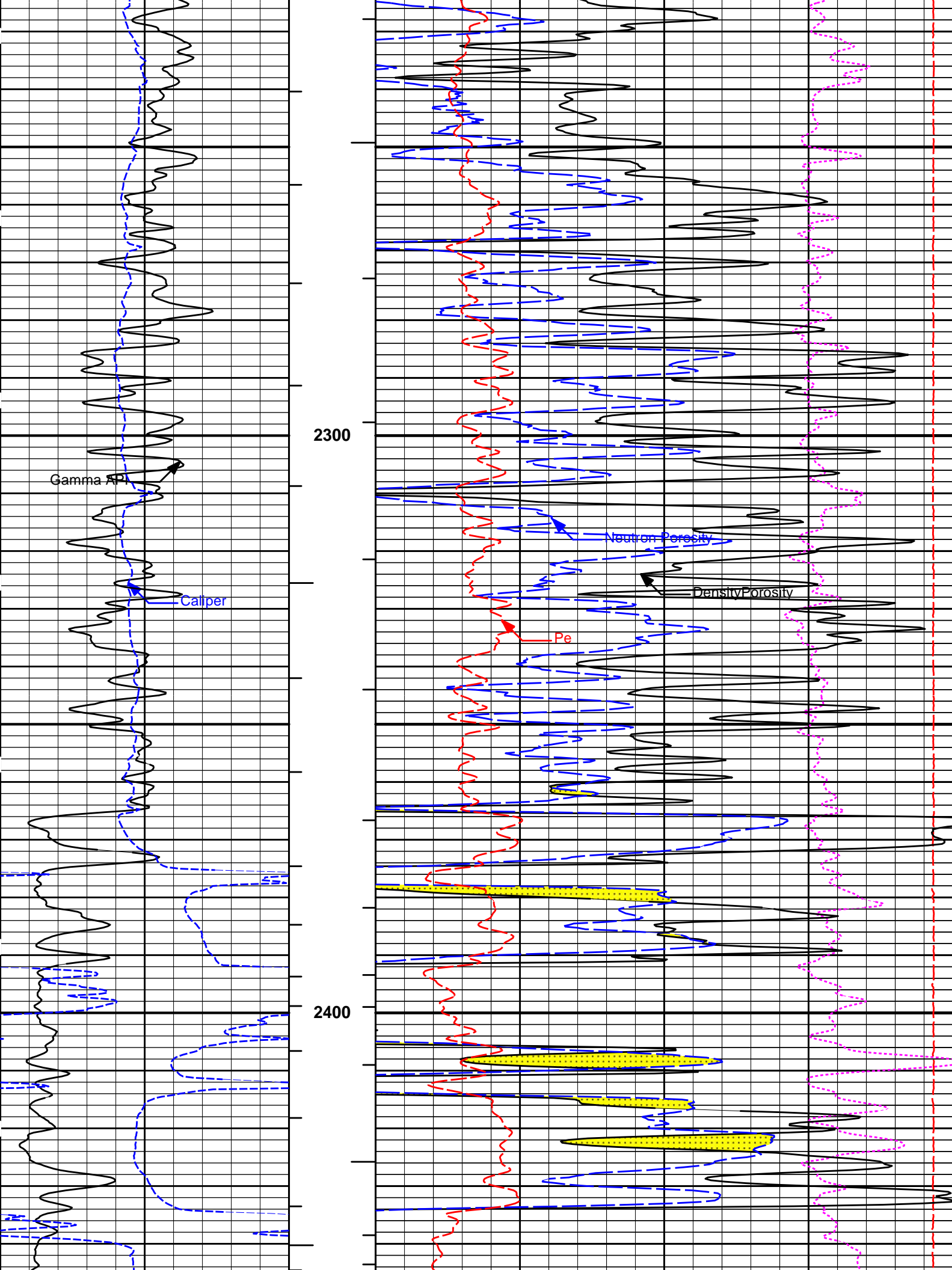
HALLIBURTON Plot Time: 06-Jun-14 08:55:36
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 Plot File: \\POROSITY\Porosity_IQ_5_MAIN_LIB

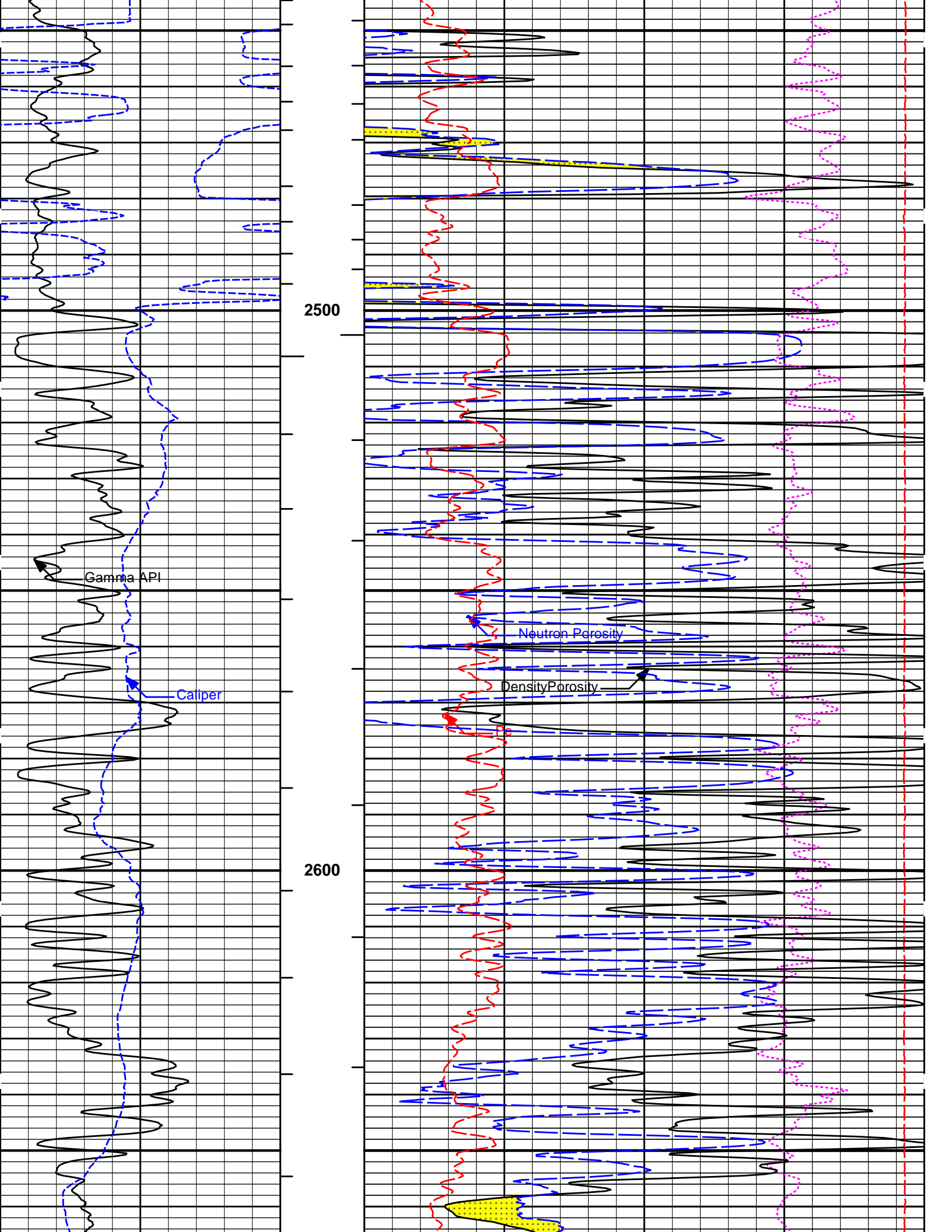
5 INCH MAIN LOG

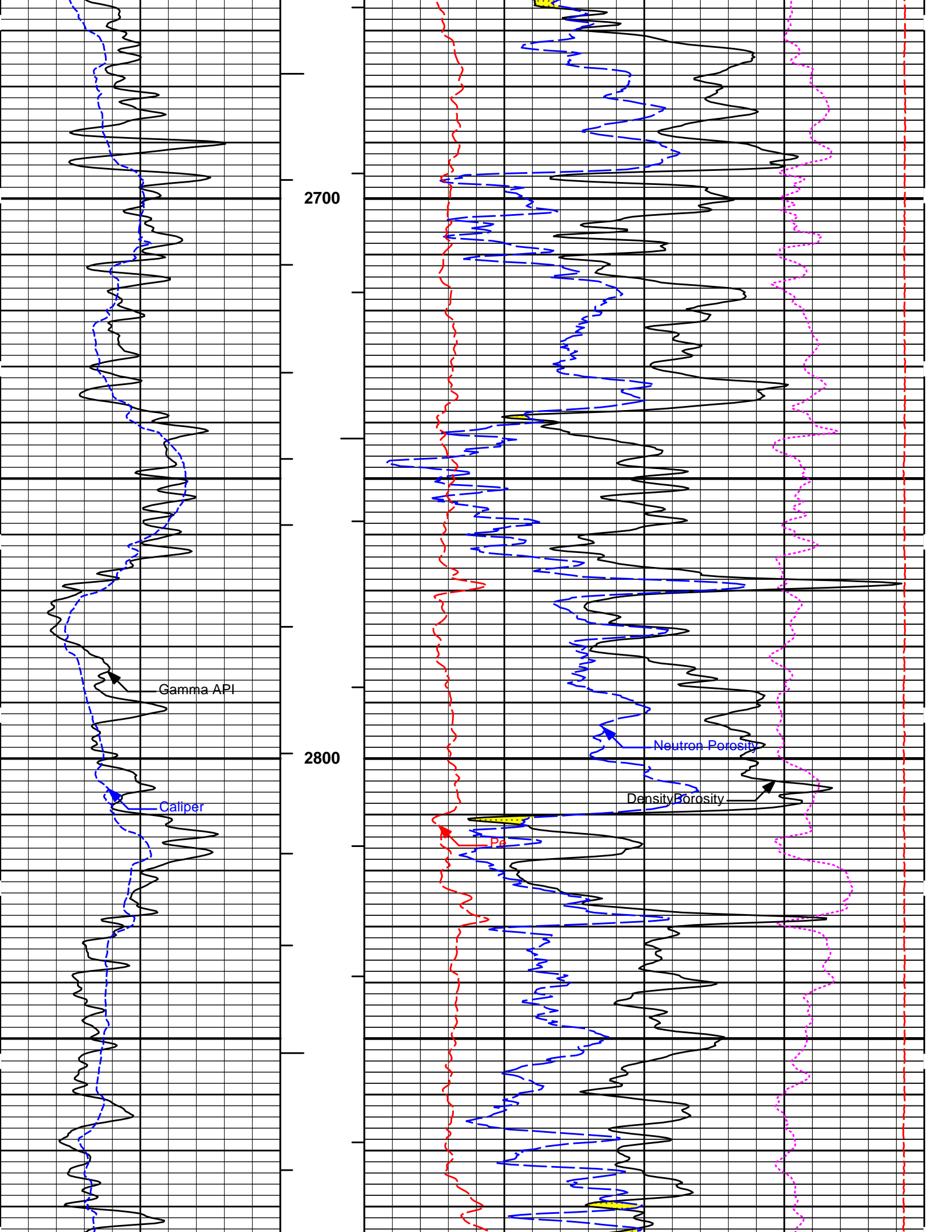


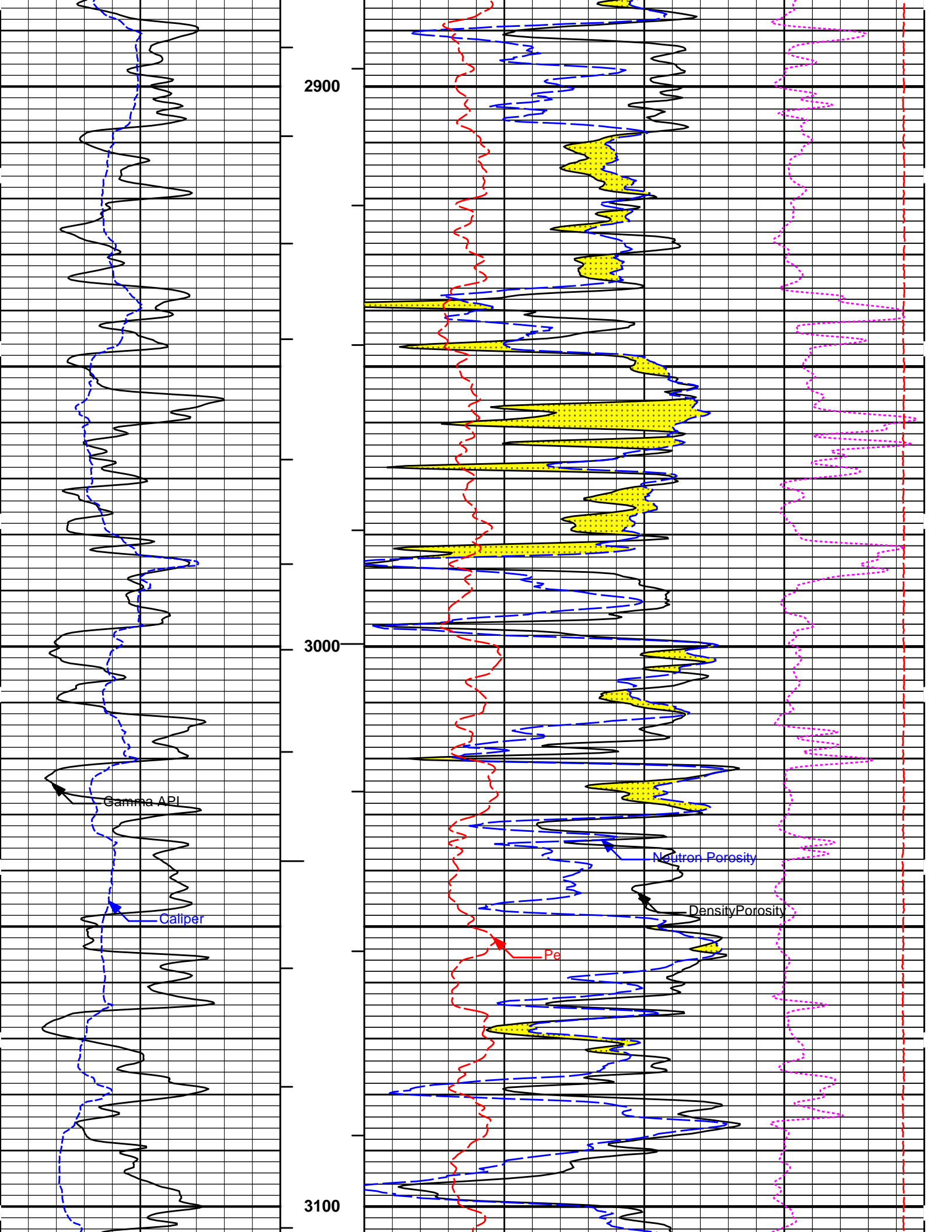












2900

3000

3100

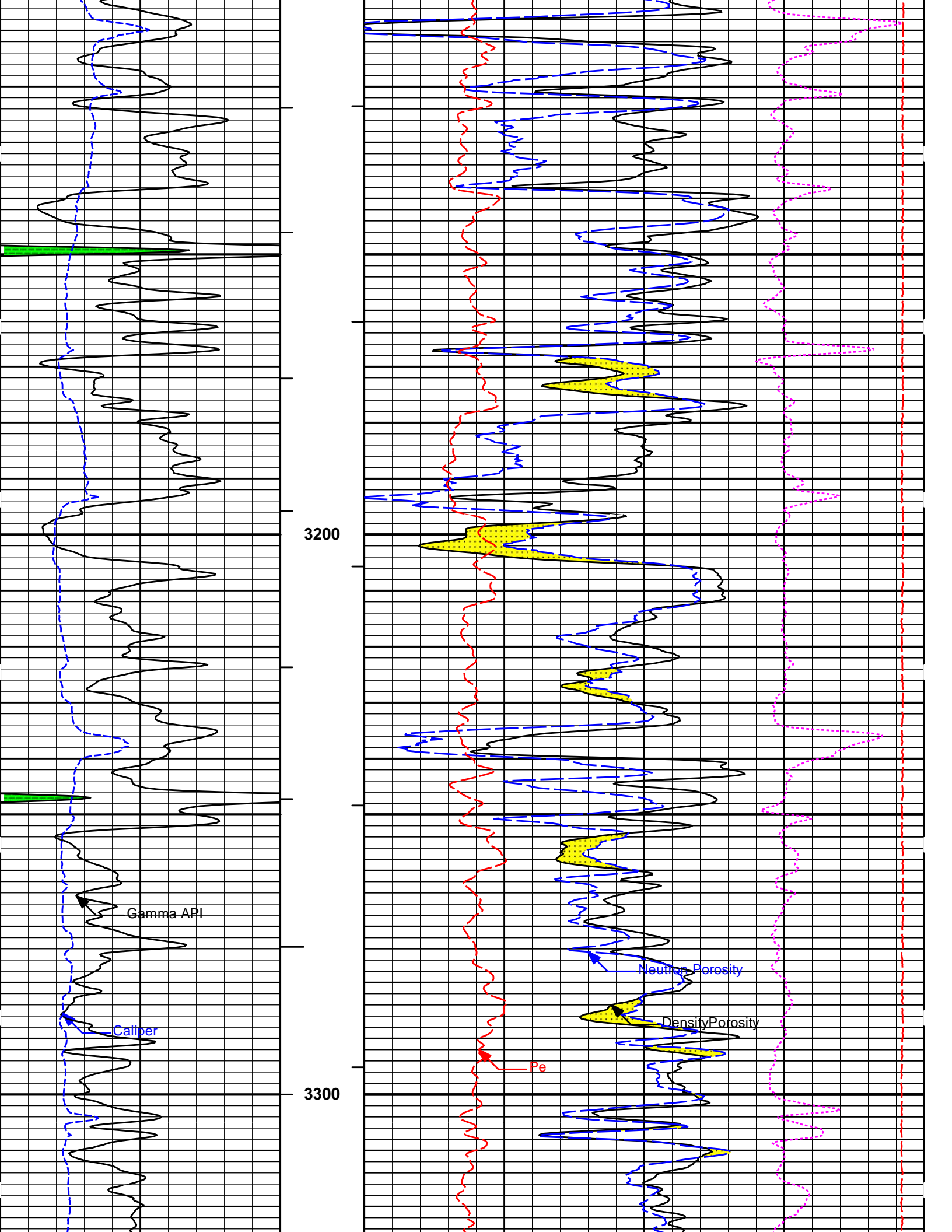
Gamma API

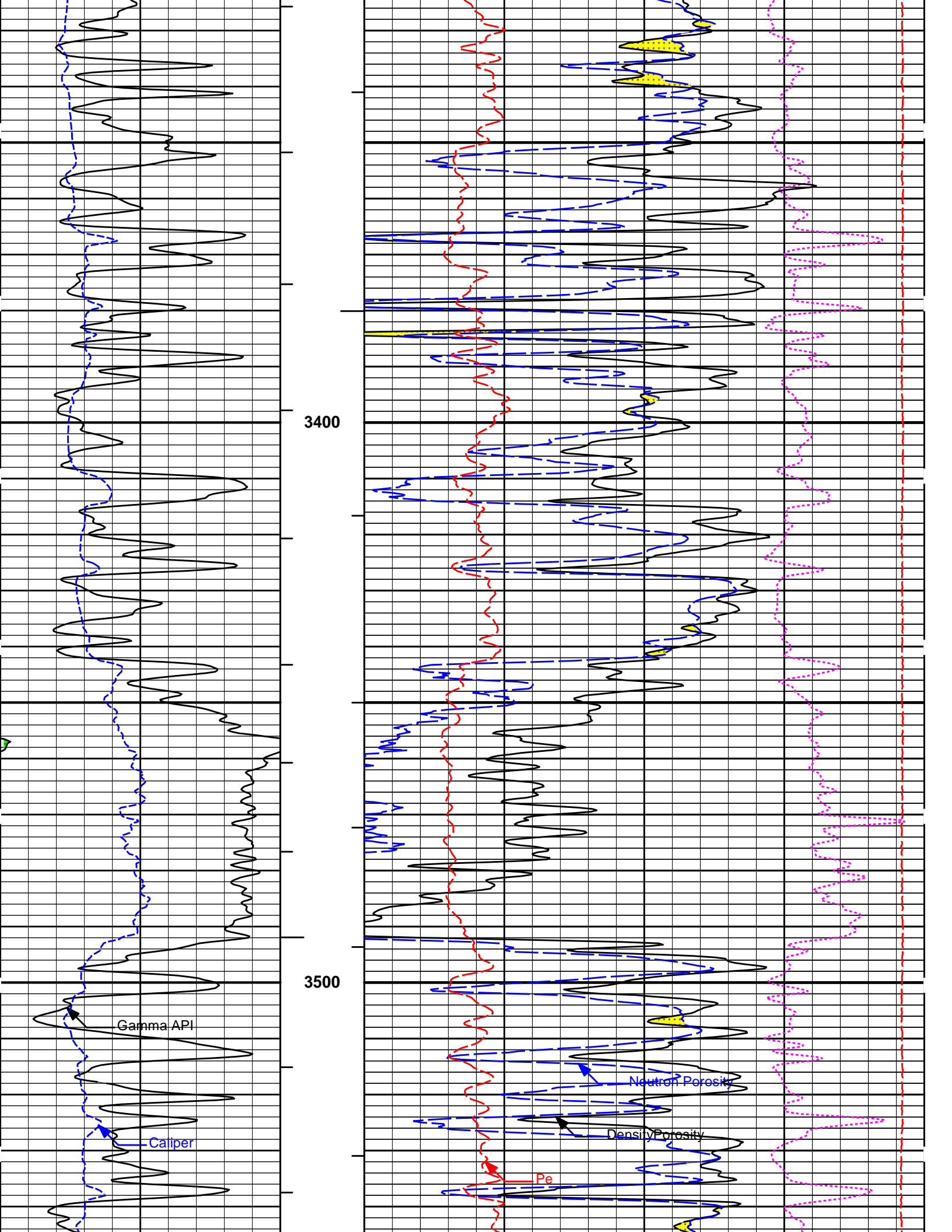
Caliper

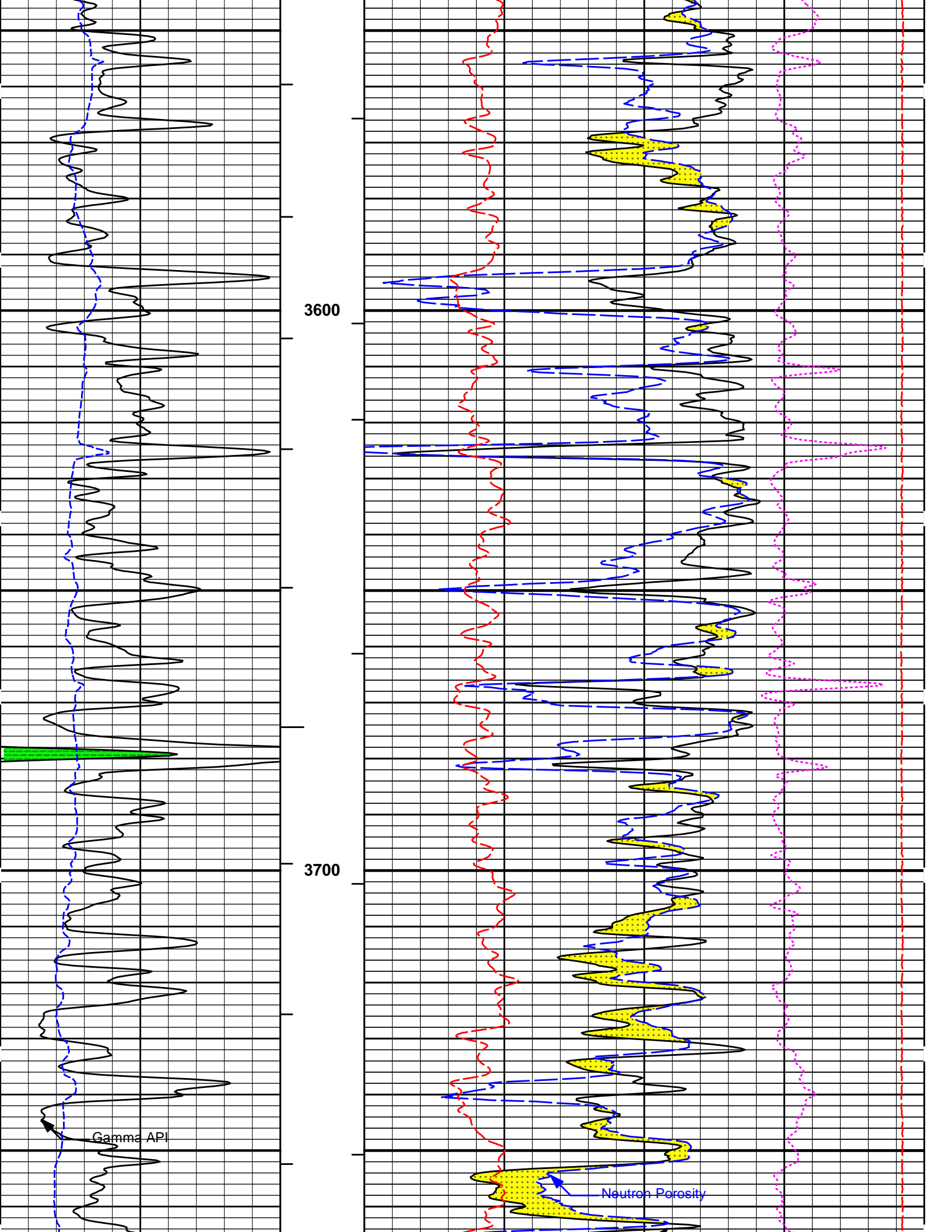
Neutron Porosity

Density Porosity

Pe





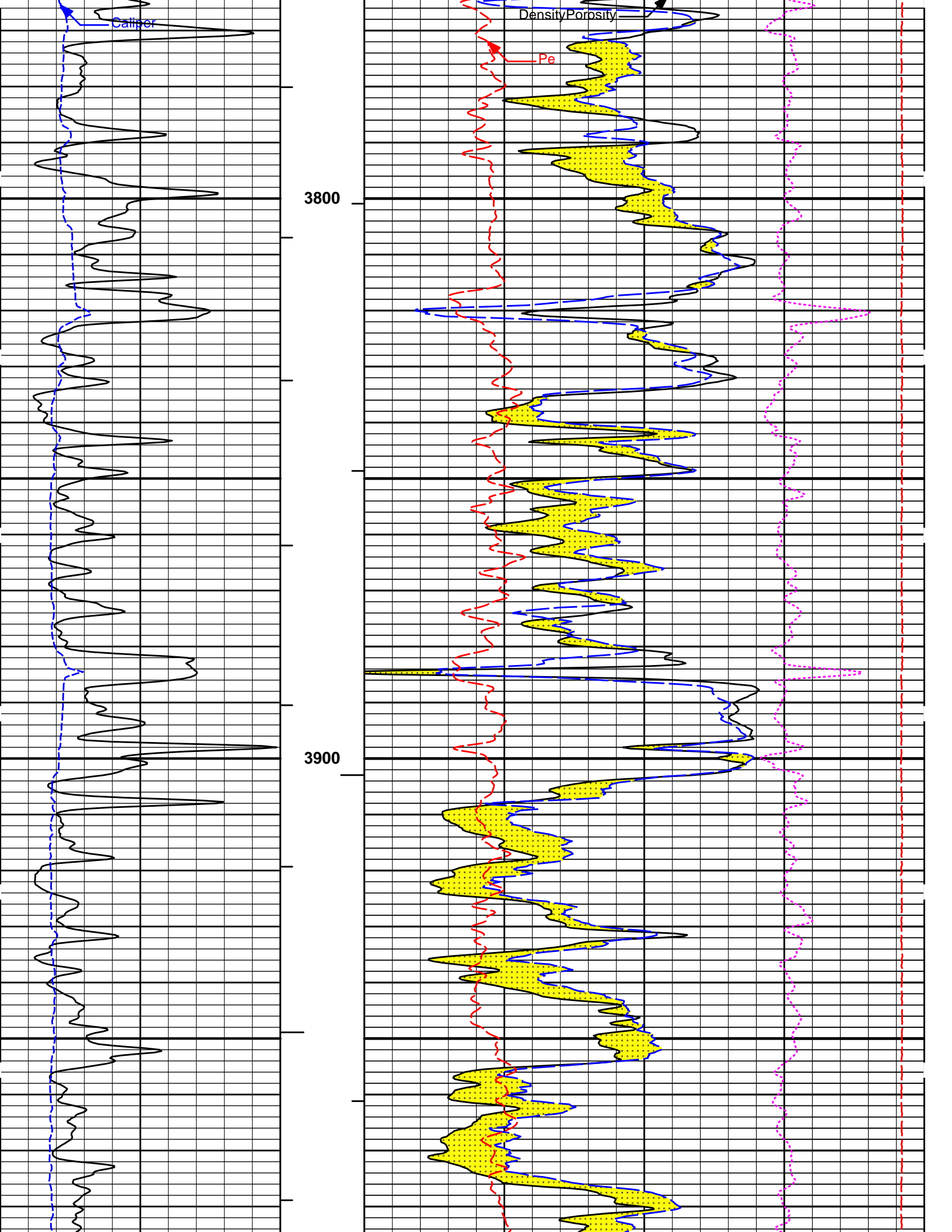


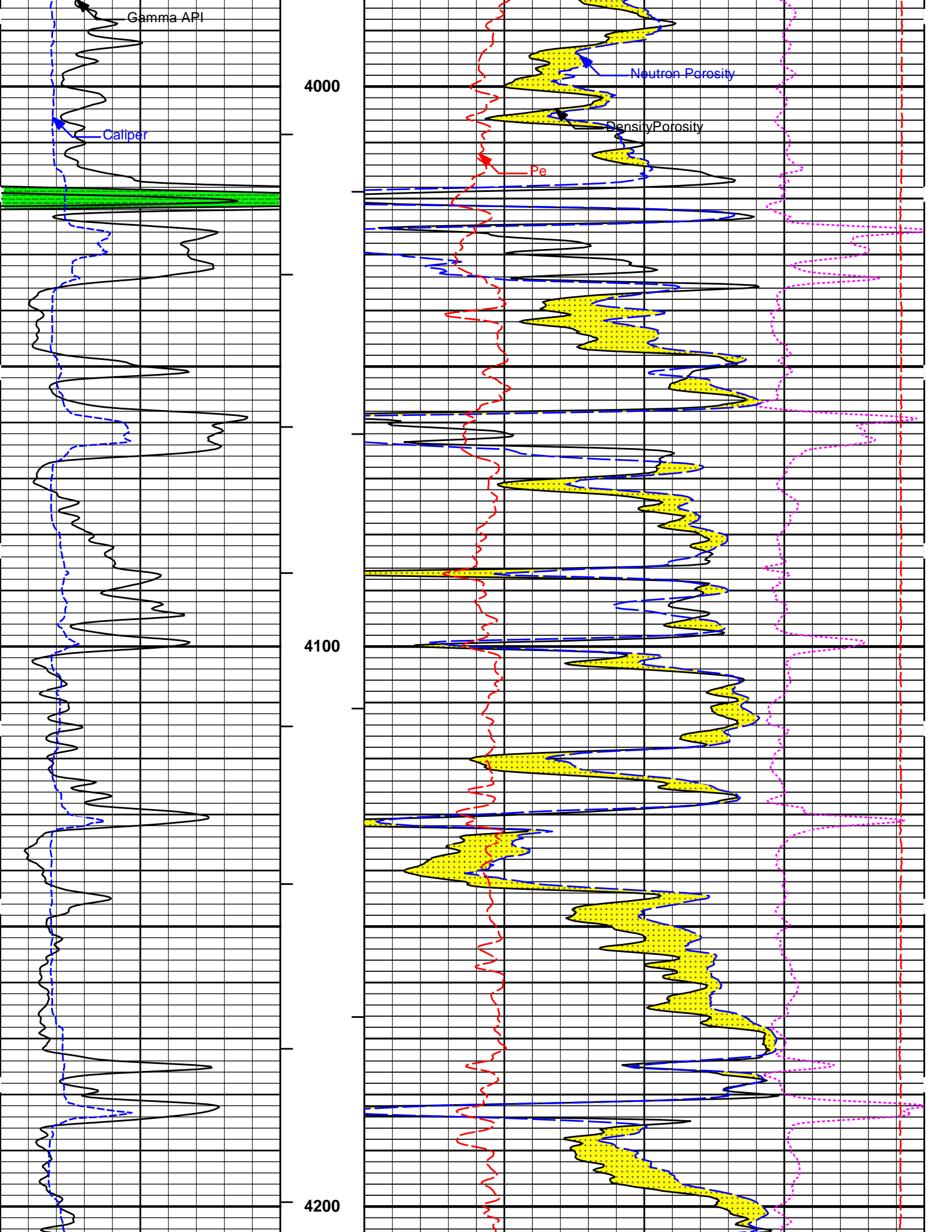
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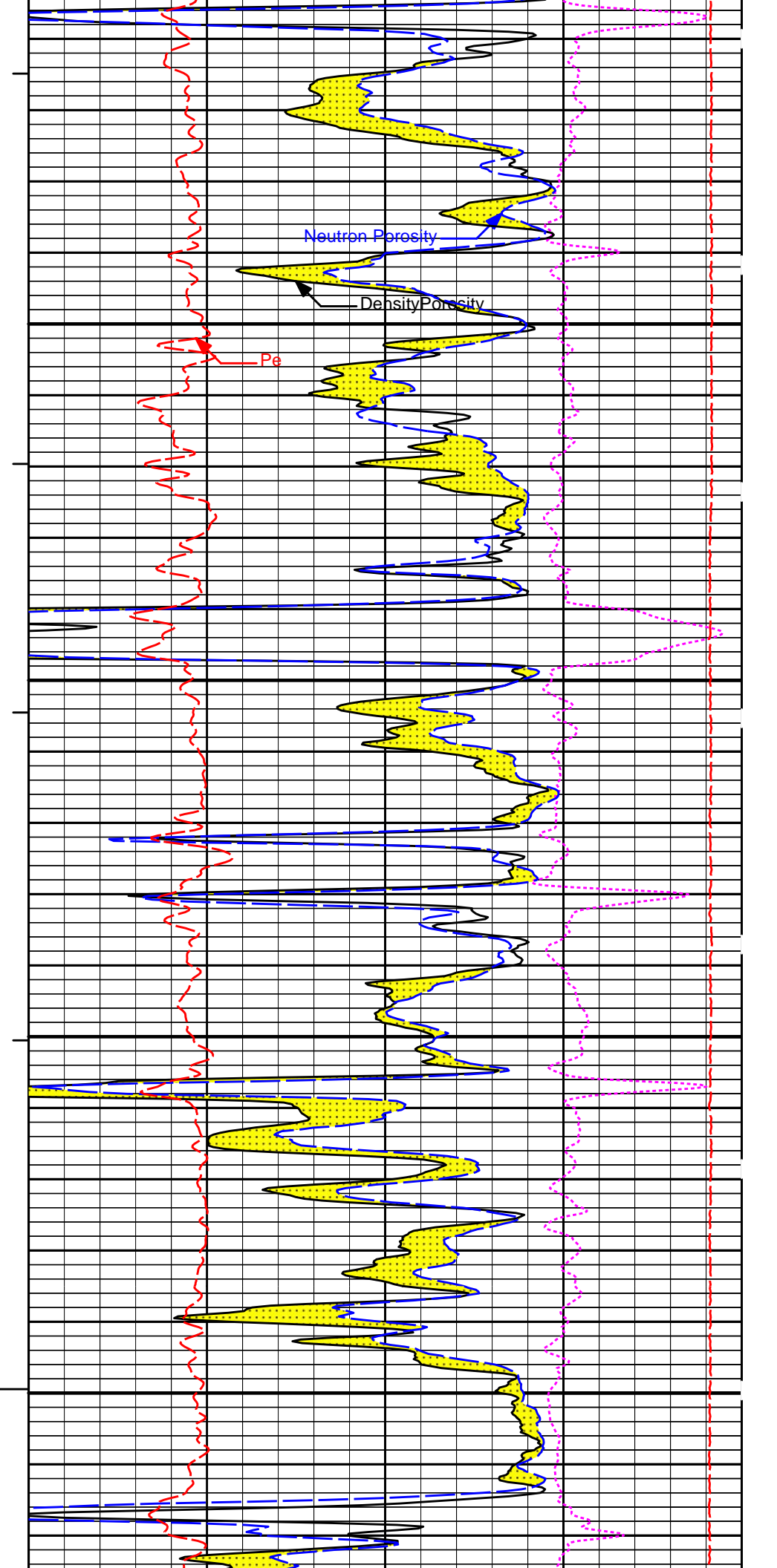
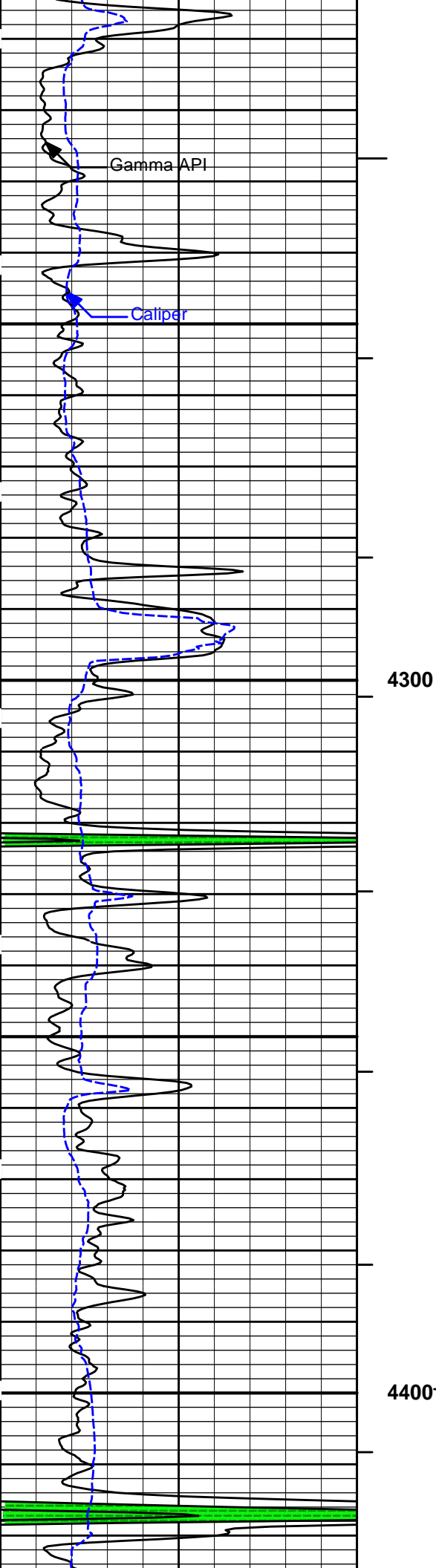
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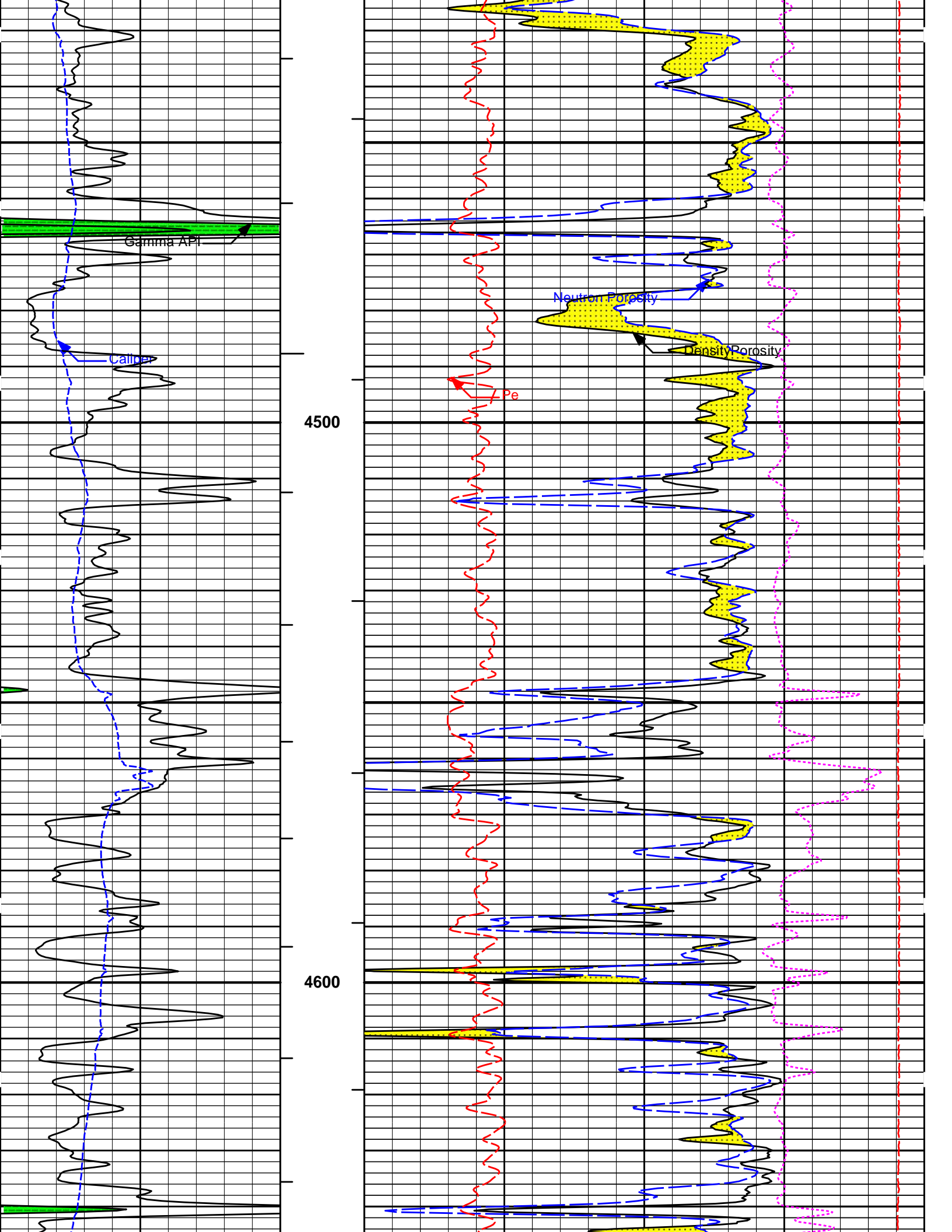
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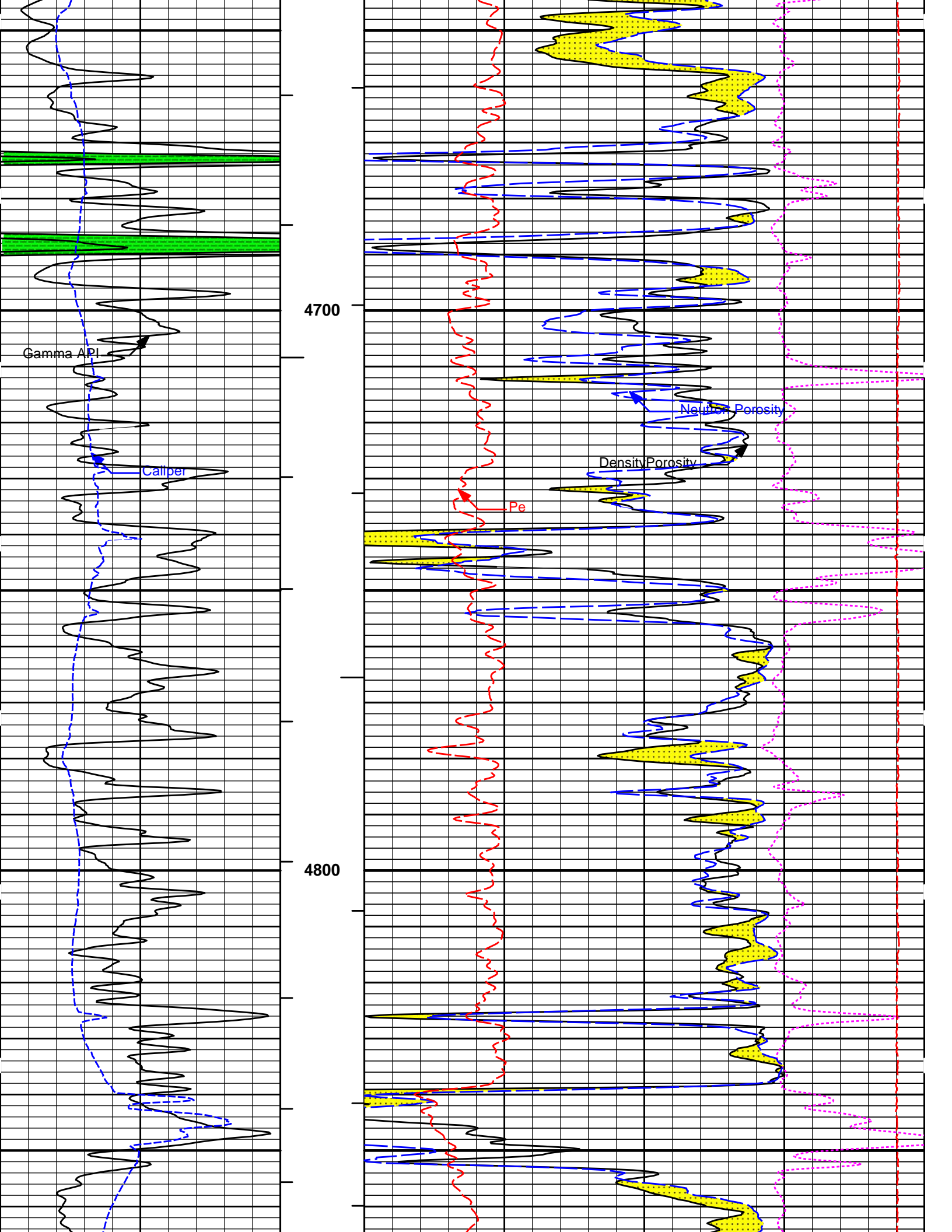
Neutron Porosity

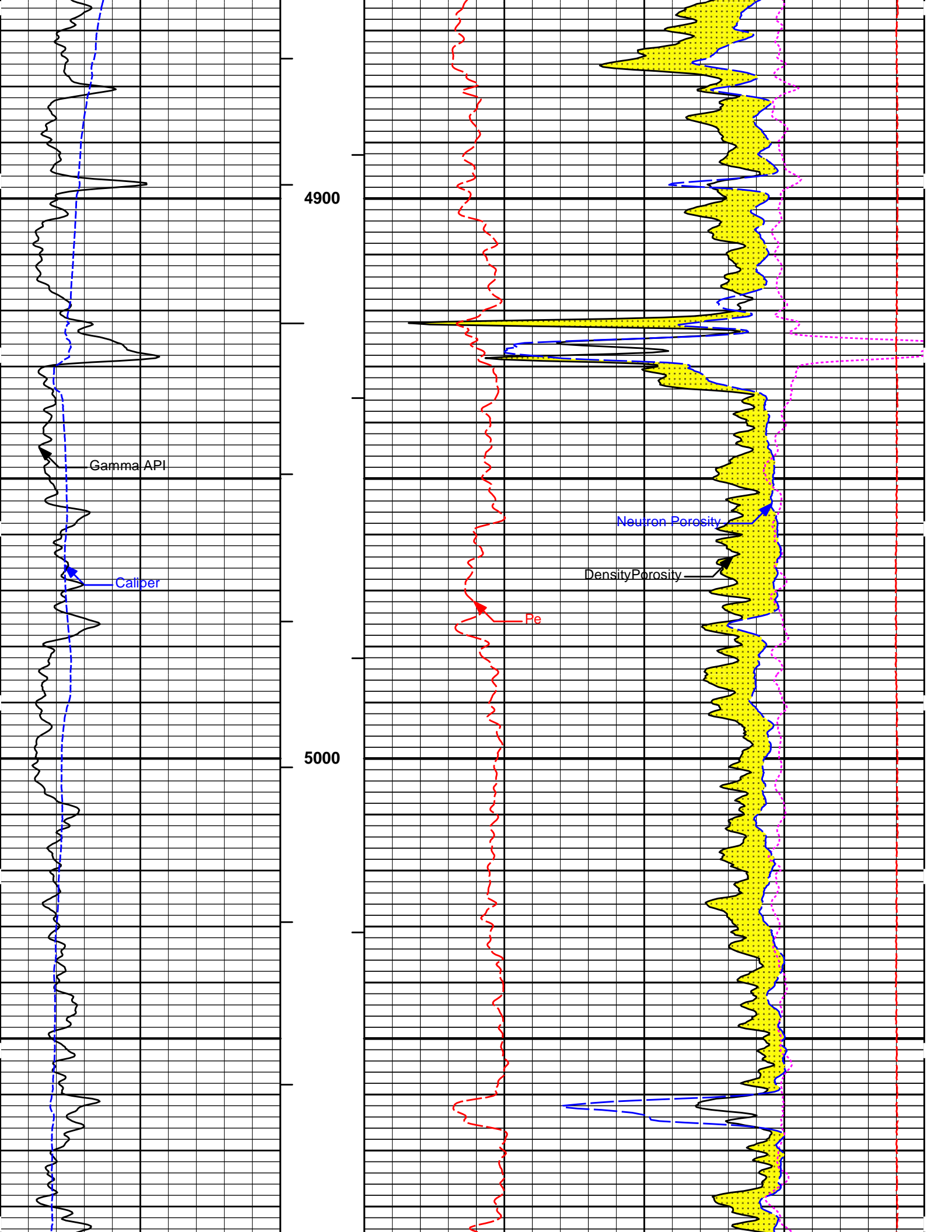


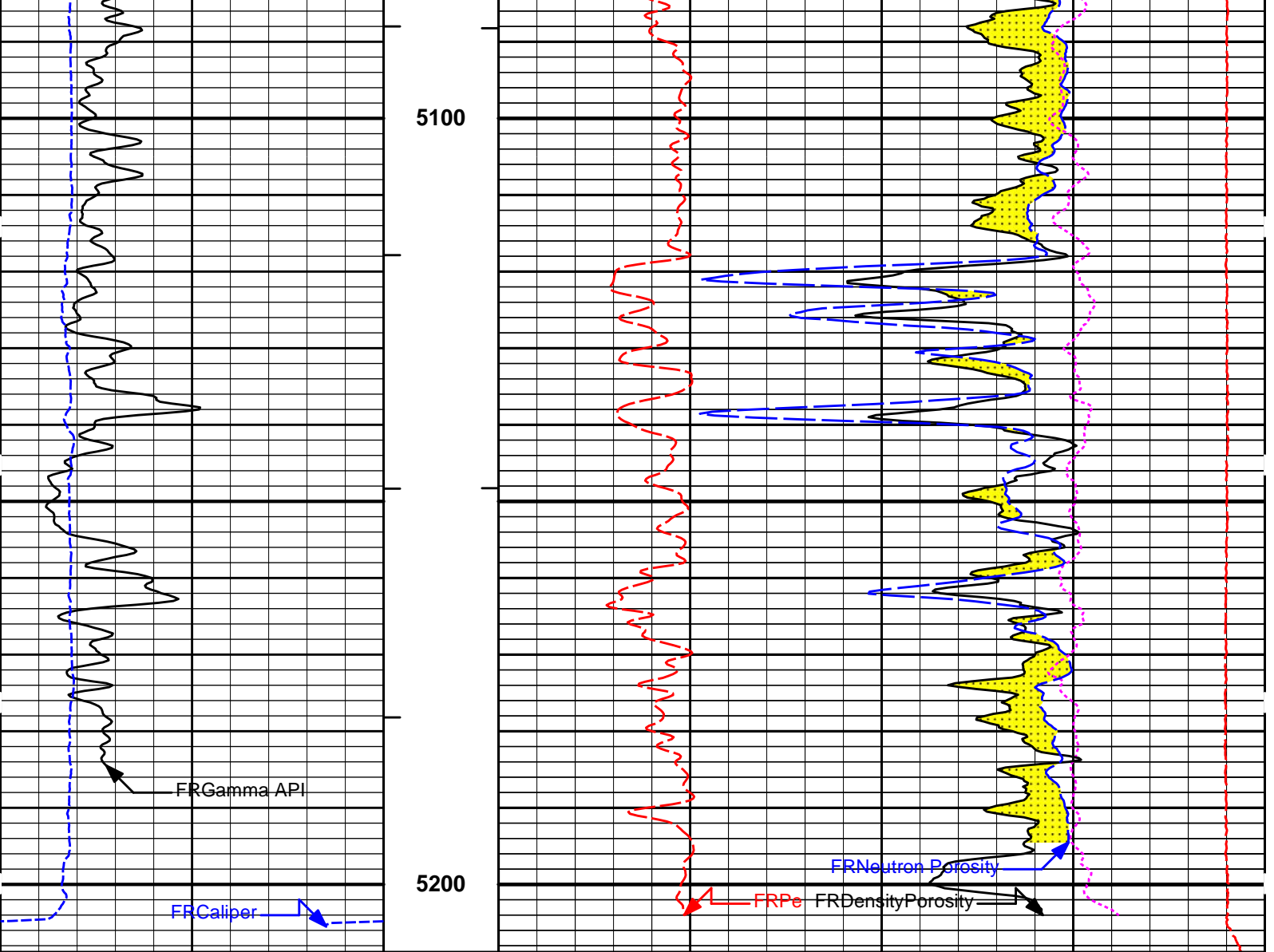












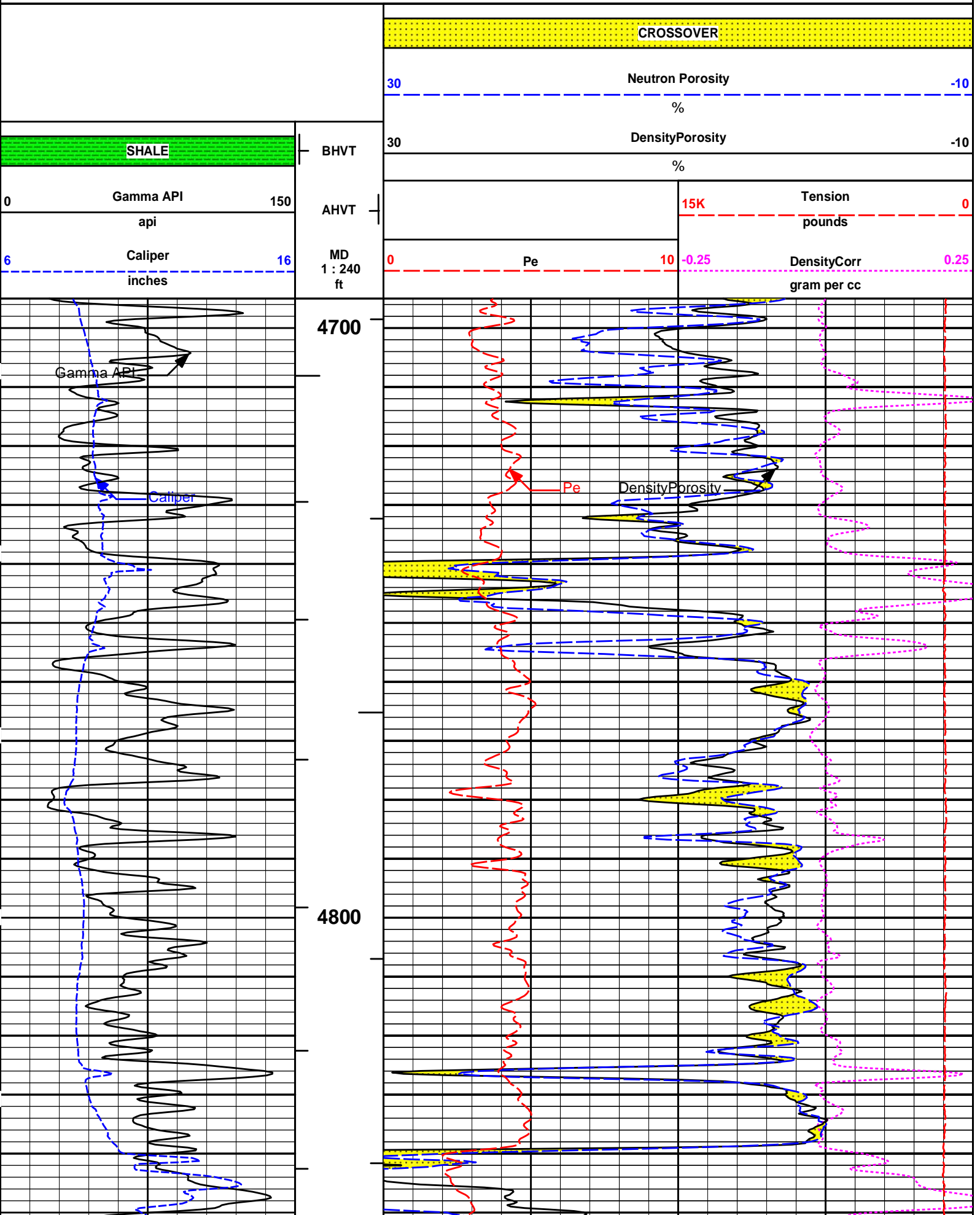
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	inches		1 : 240					gram per cc	
0	Gamma API	150	AHVT			15K		Tension	0
	api							pounds	
	SHALE		BHVT	30	DensityPorosity				-10
					%				
				30	Neutron Porosity				-10
					%				
					CROSSOVER				

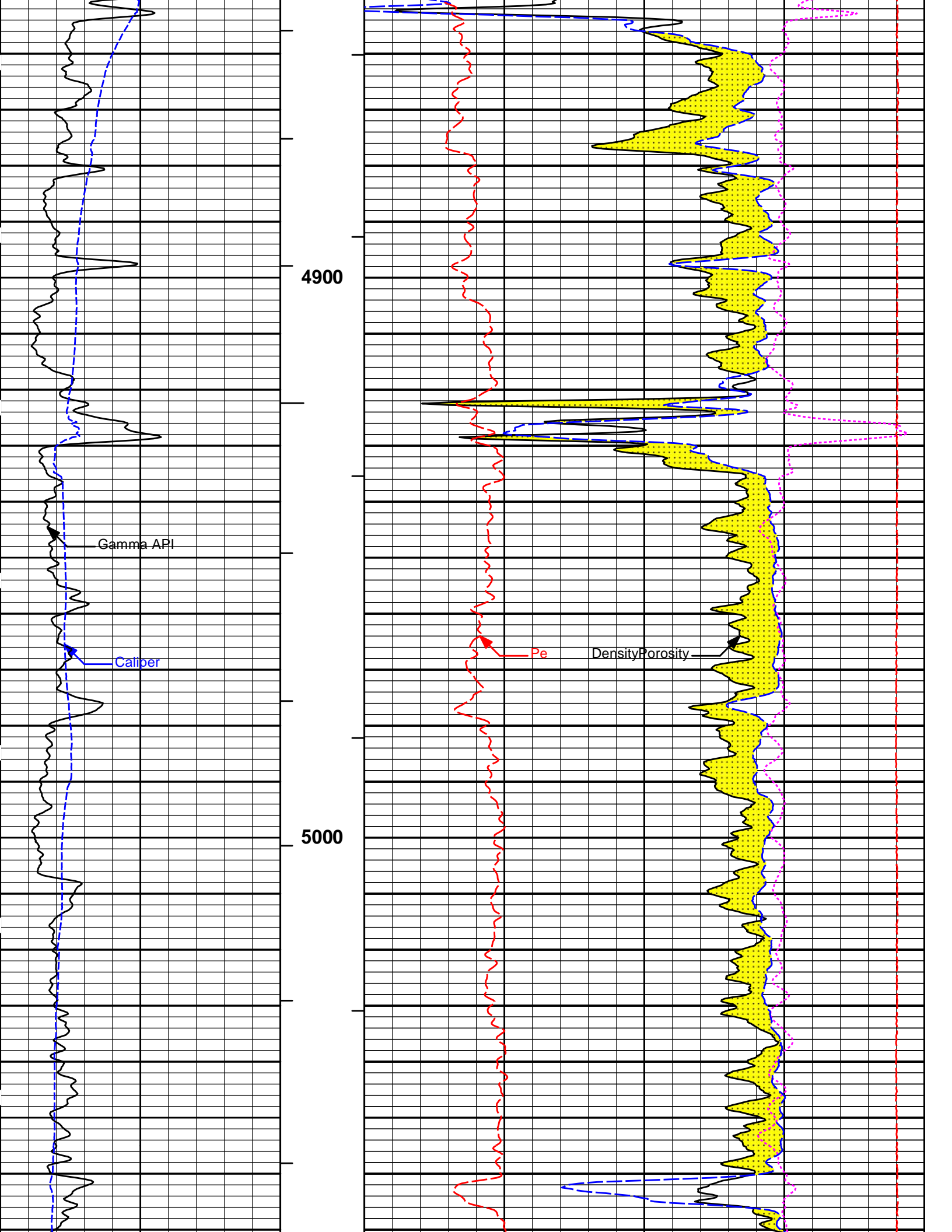
HALLIBURTON Plot Time: 06-Jun-14 08:55:40
 Plot Range: 1745 ft to 5208.83 ft
 Data: MYLES_MCGEHEE17\Well Based\R1 POROSITY SPLICE\
 Plot File: \\POROSITY\Porosity_IQ_5_MAIN_LIB

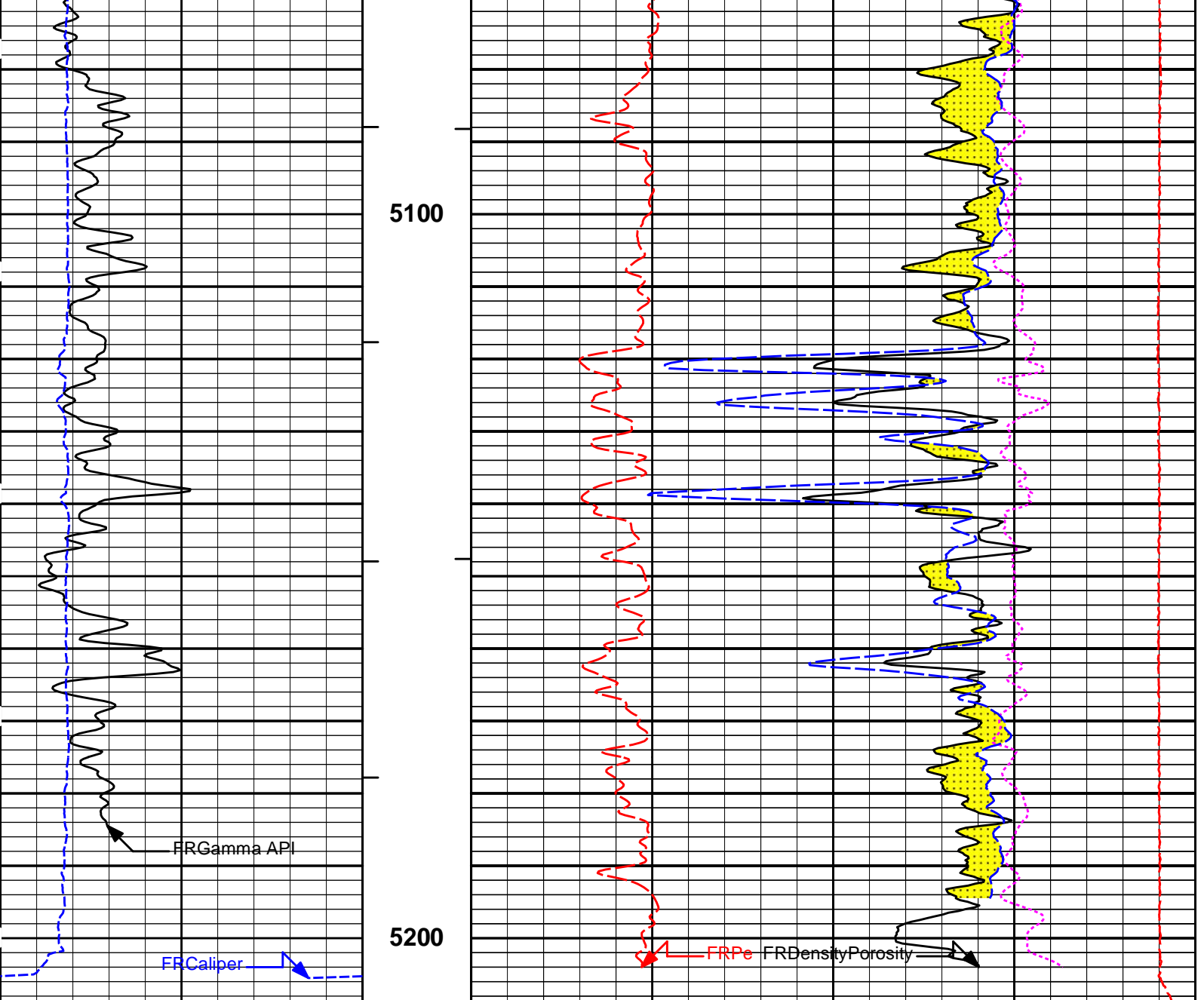
5 INCH MAIN LOG

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







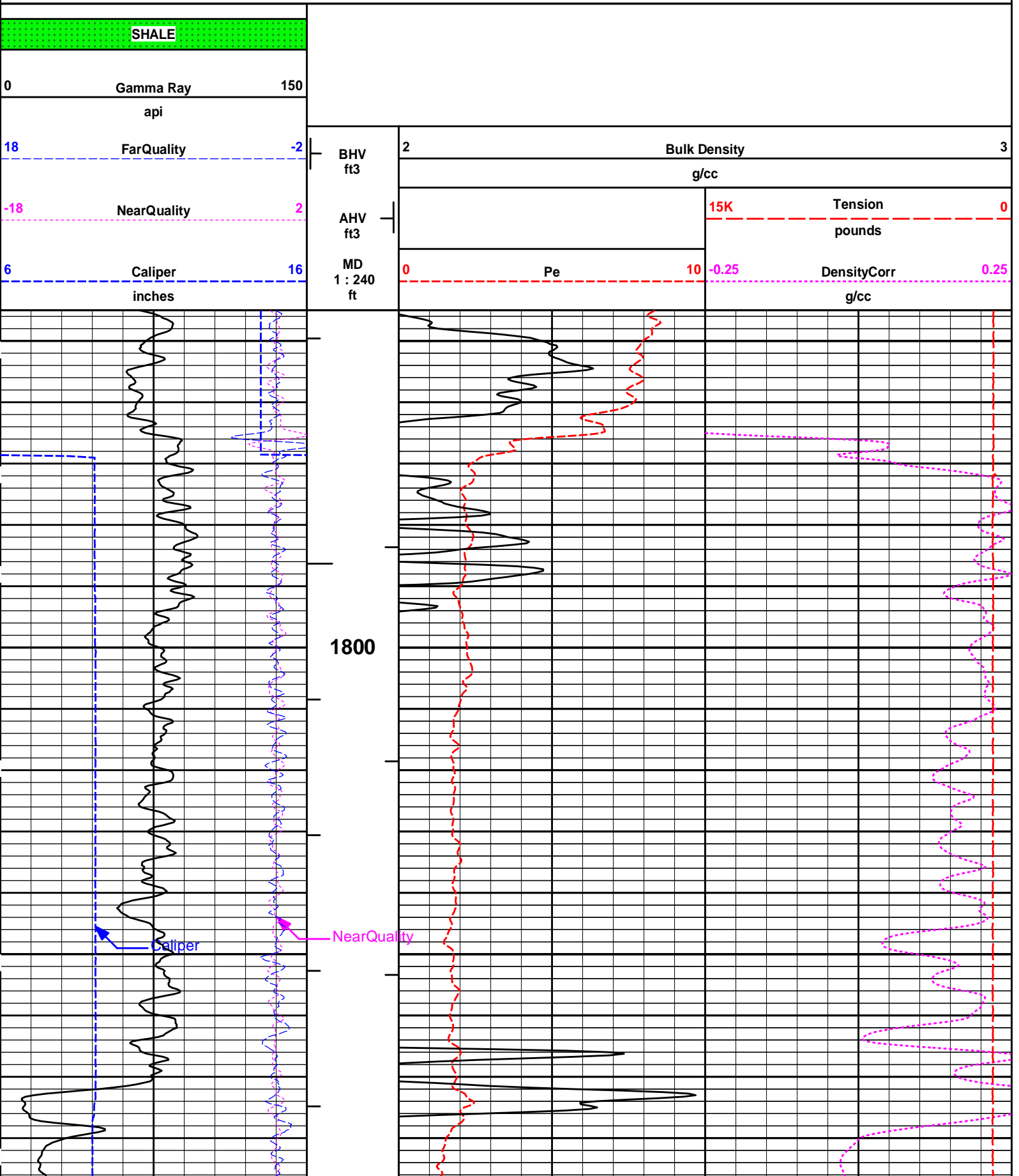
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	inches		1 : 240					gram per cc	
0	Gamma API	150	AHVT				15K	Tension	0
	api							pounds	
	SHALE		BHVT	30	DensityPorosity				-10
					%				
				30	Neutron Porosity				-10
					%				
					CROSSOVER				

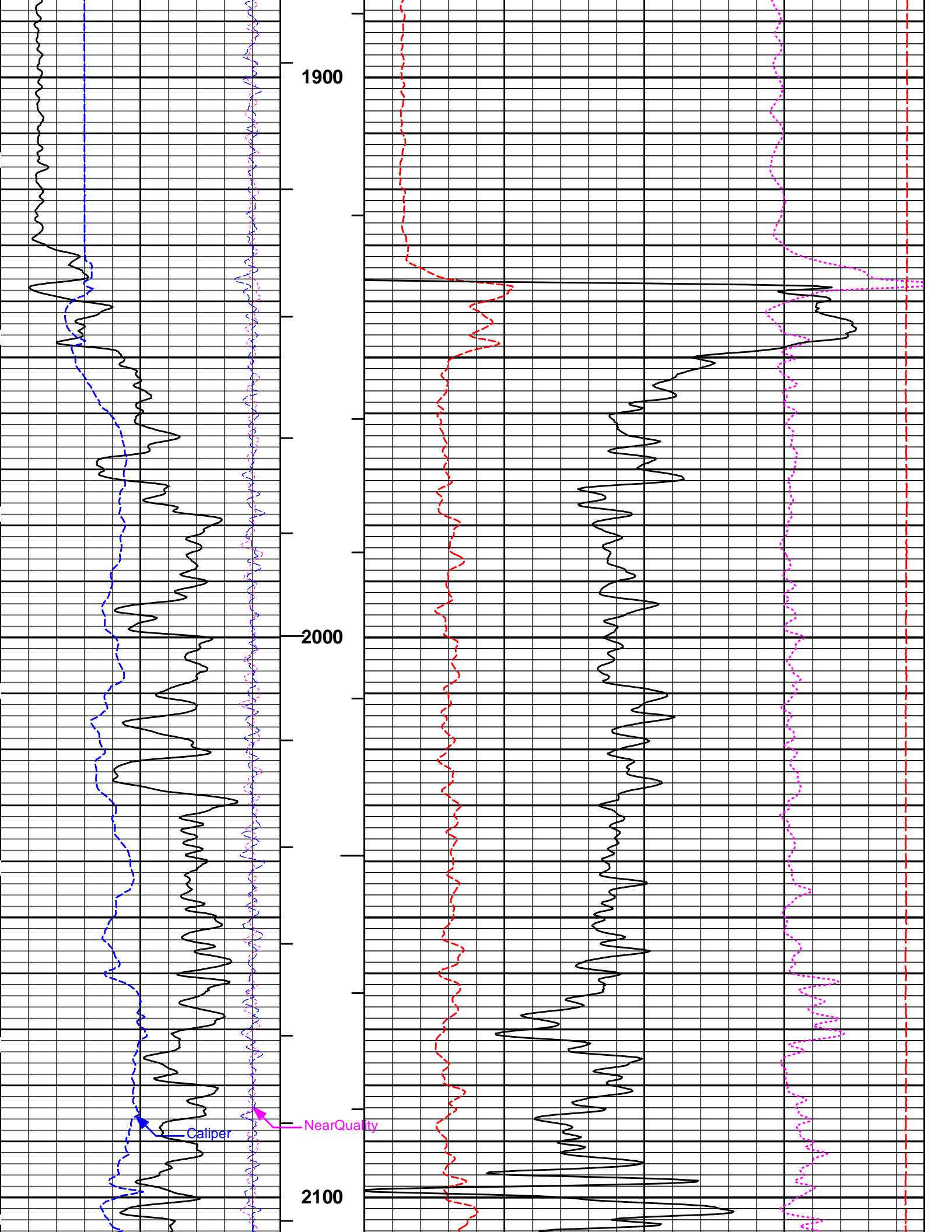
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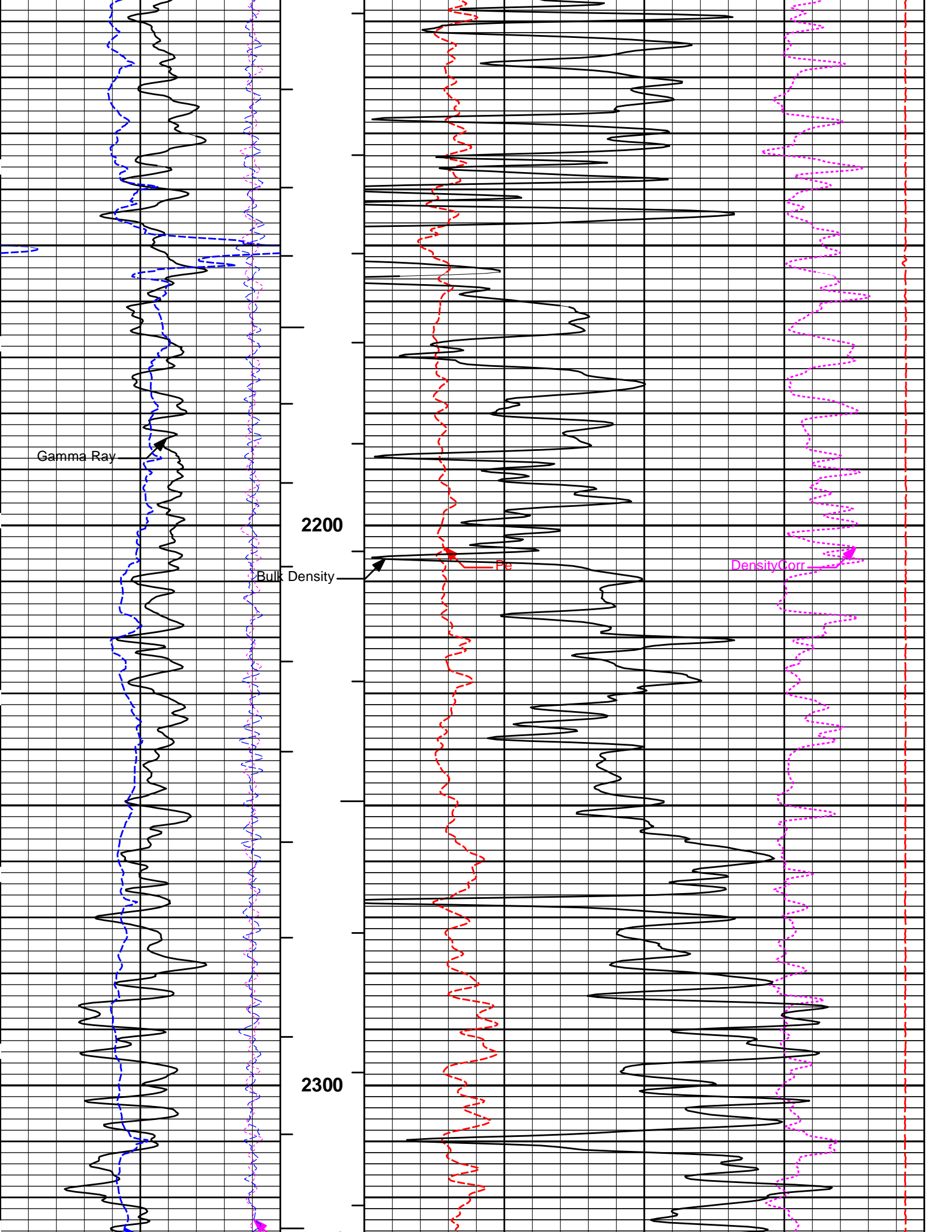
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 Plot File: \\POROSITY\Porosity_IQ_5_REP_LIB

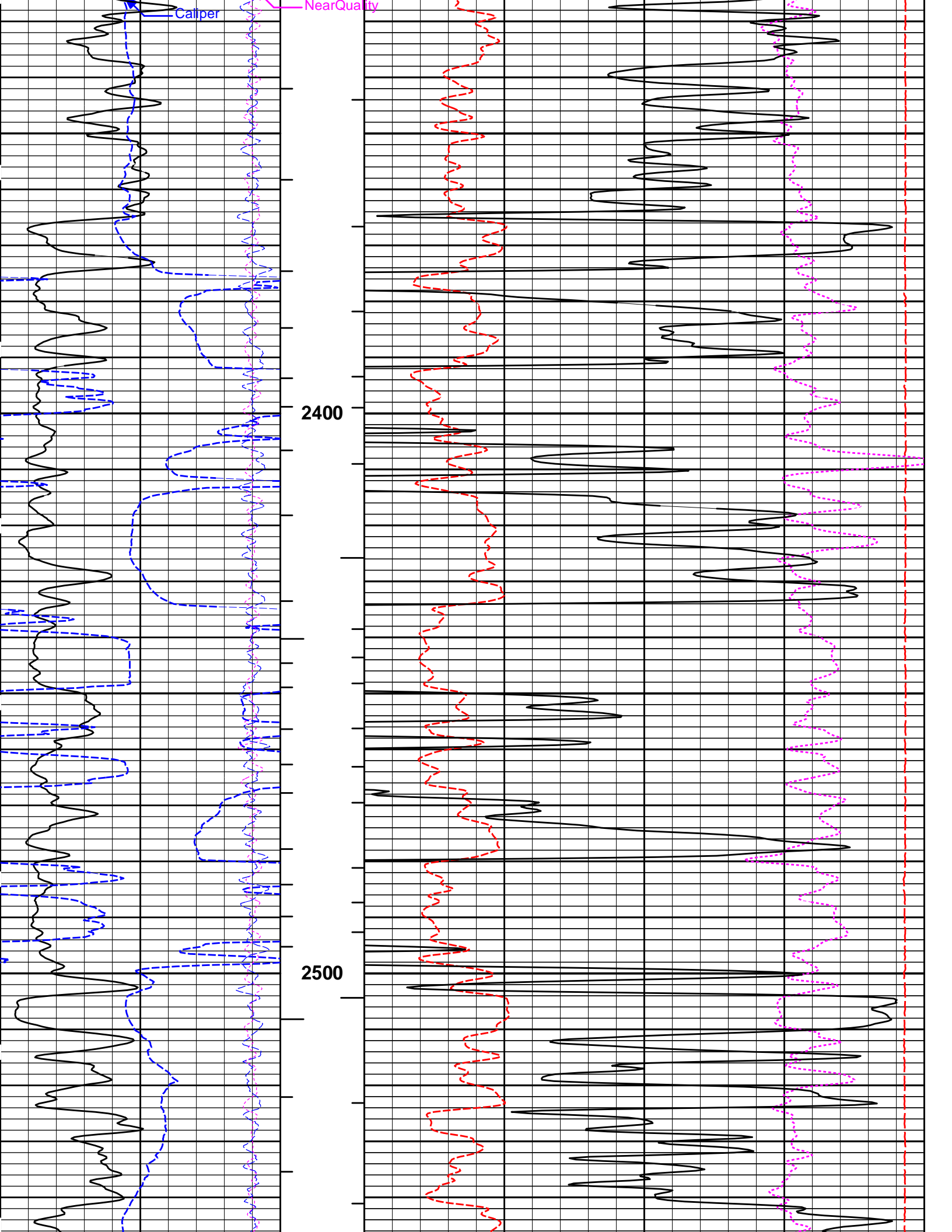
REPEAT SECTION

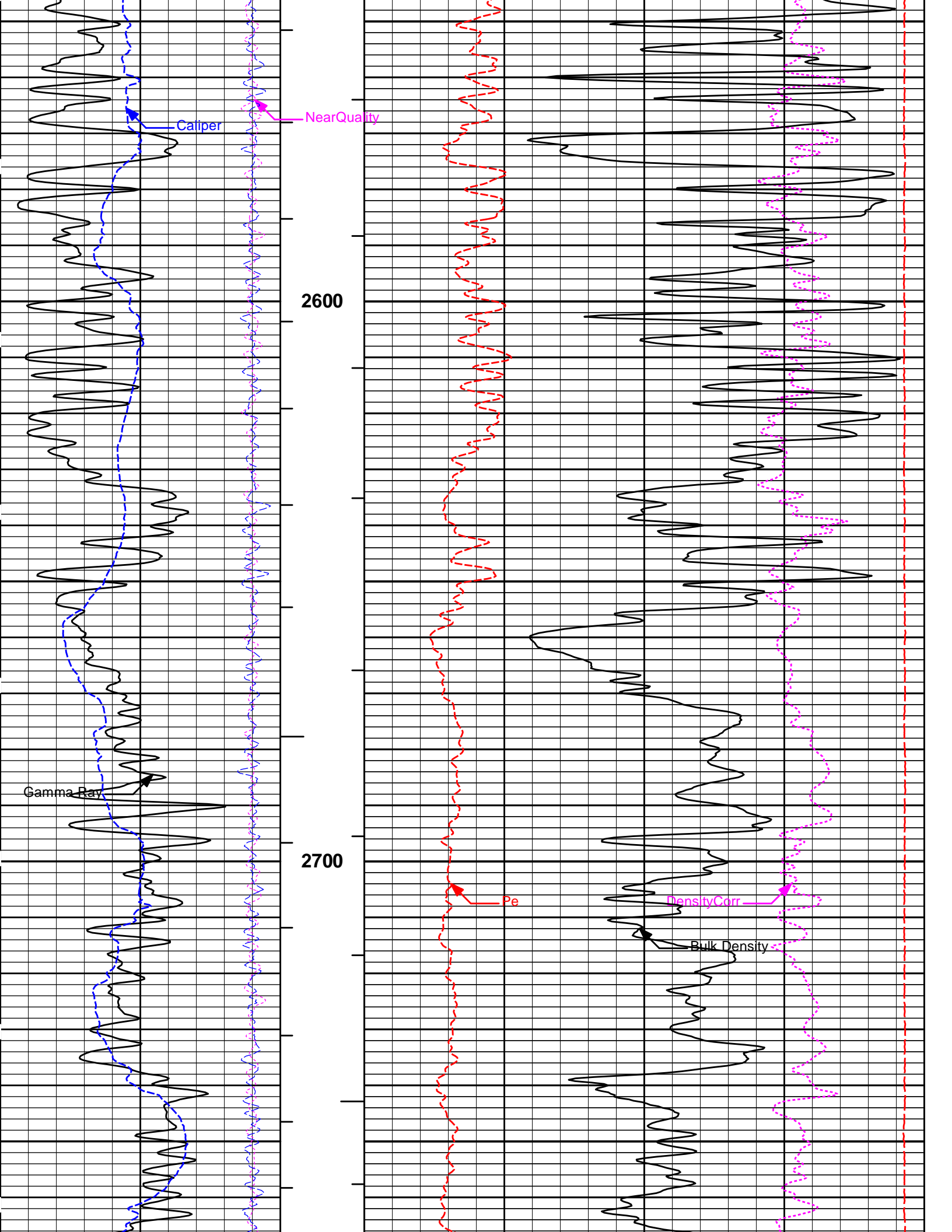
5 INCH MAIN LOG

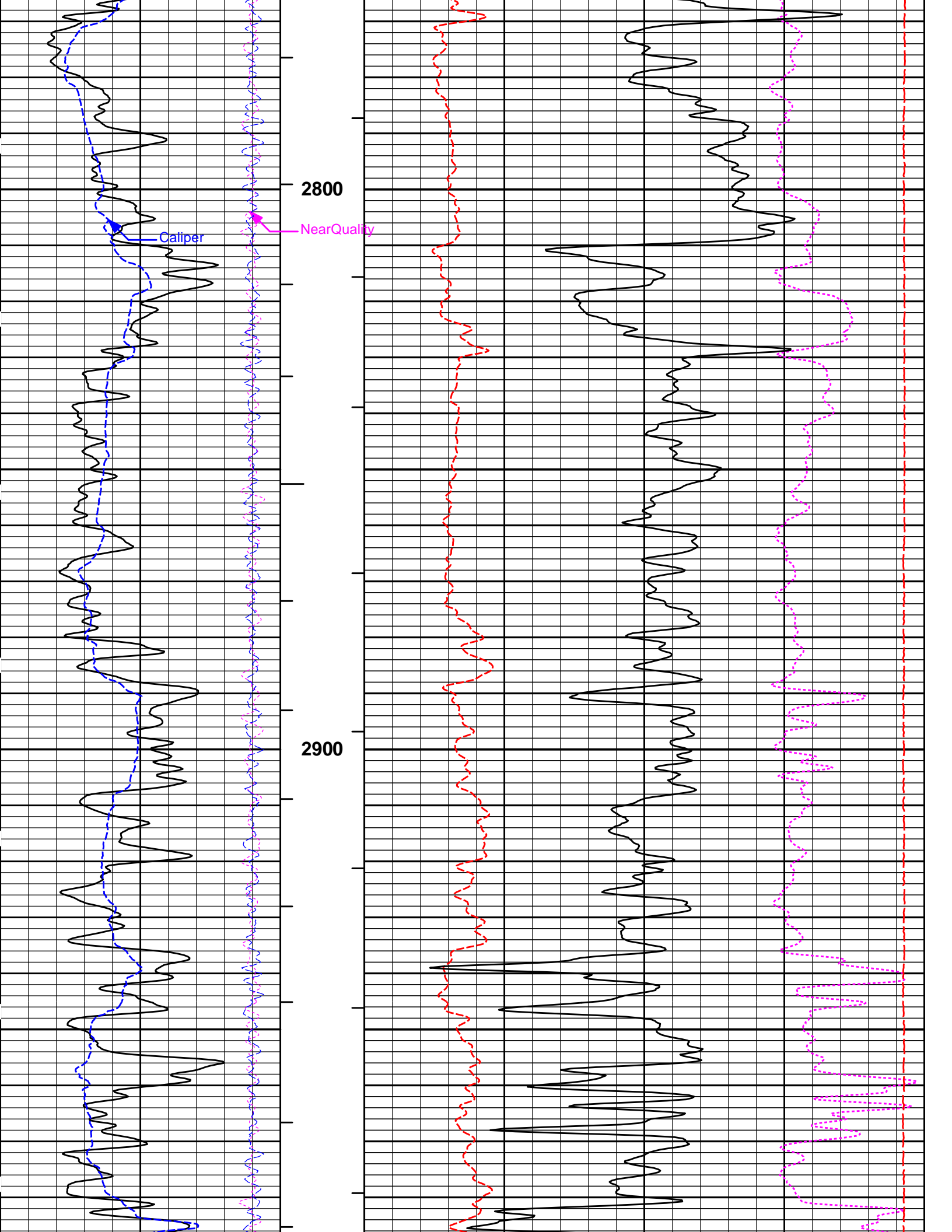


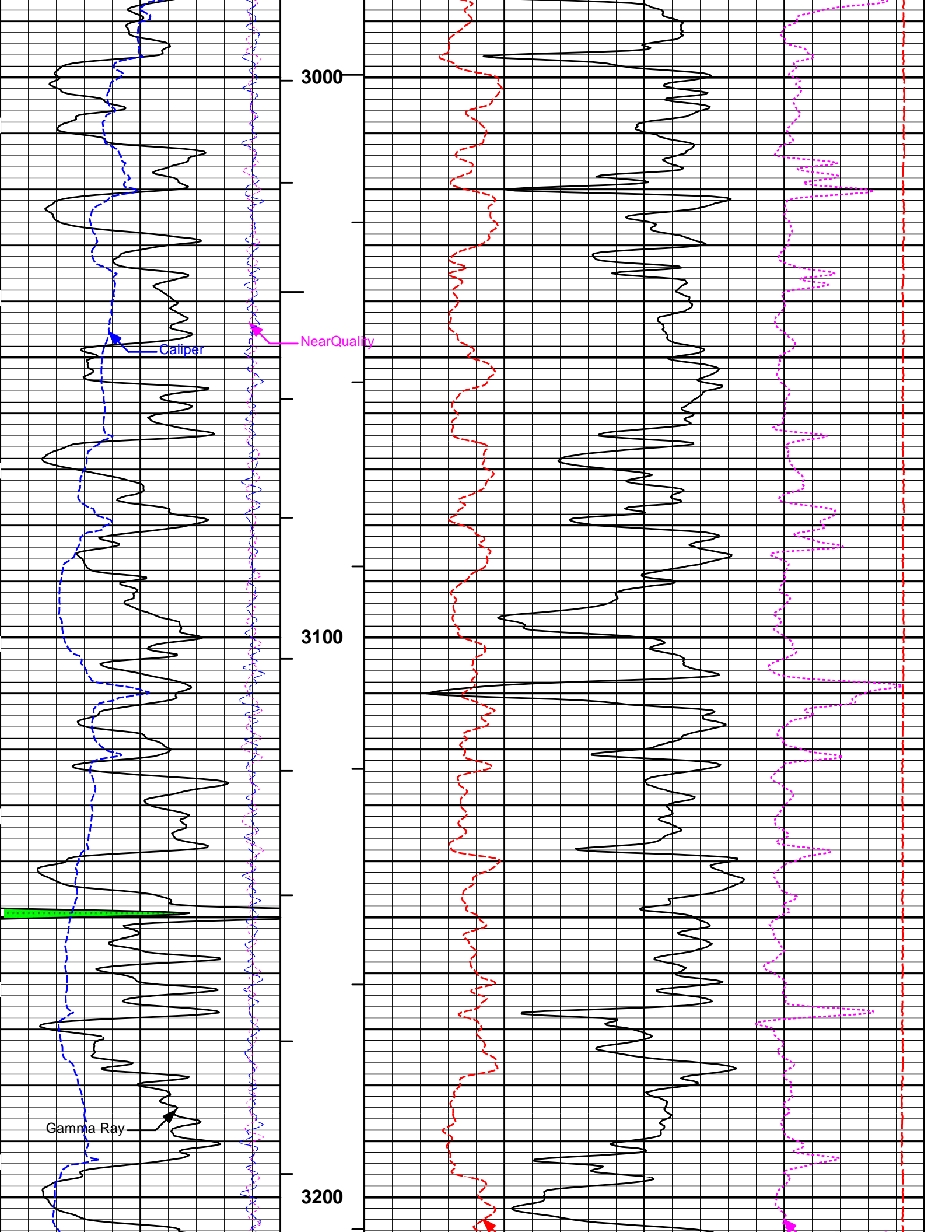


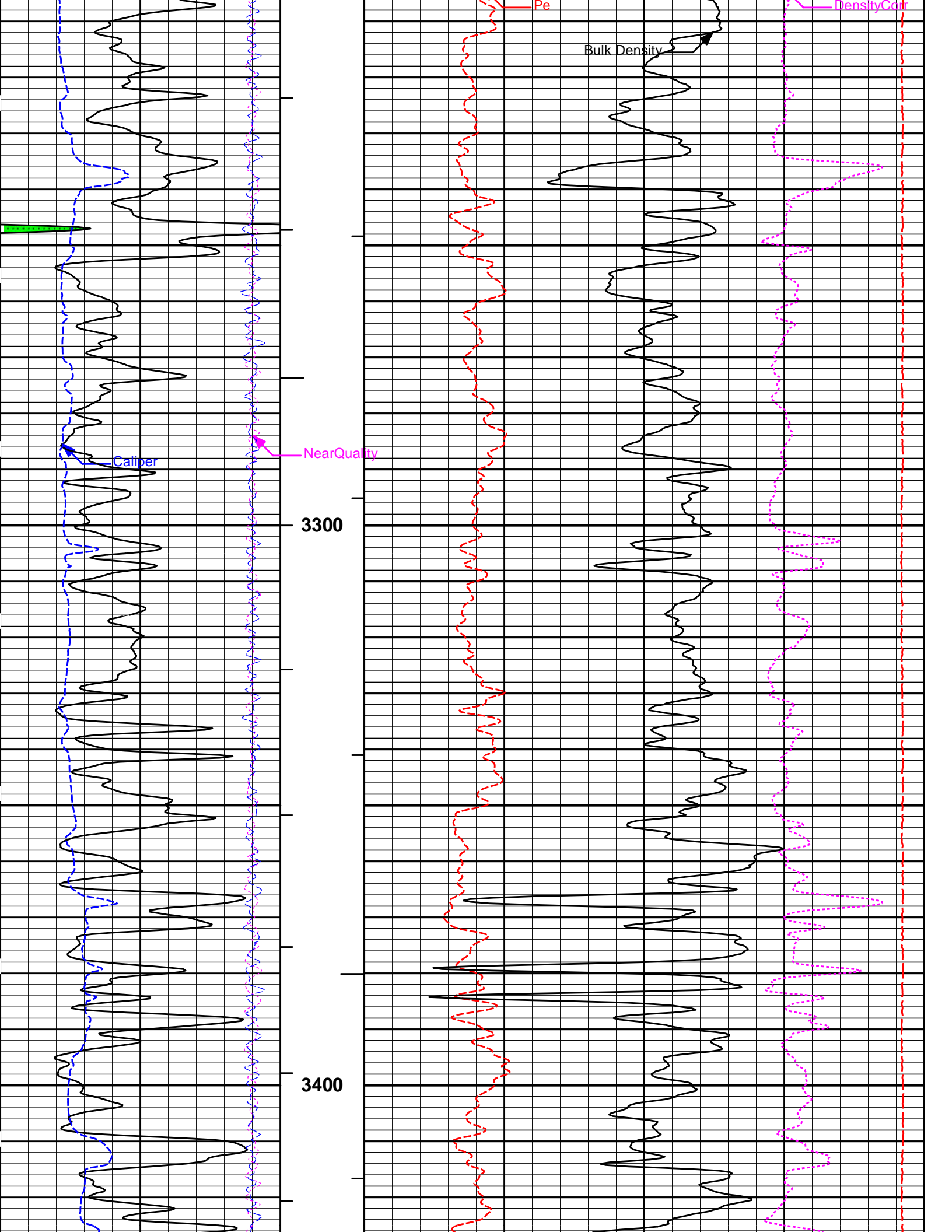


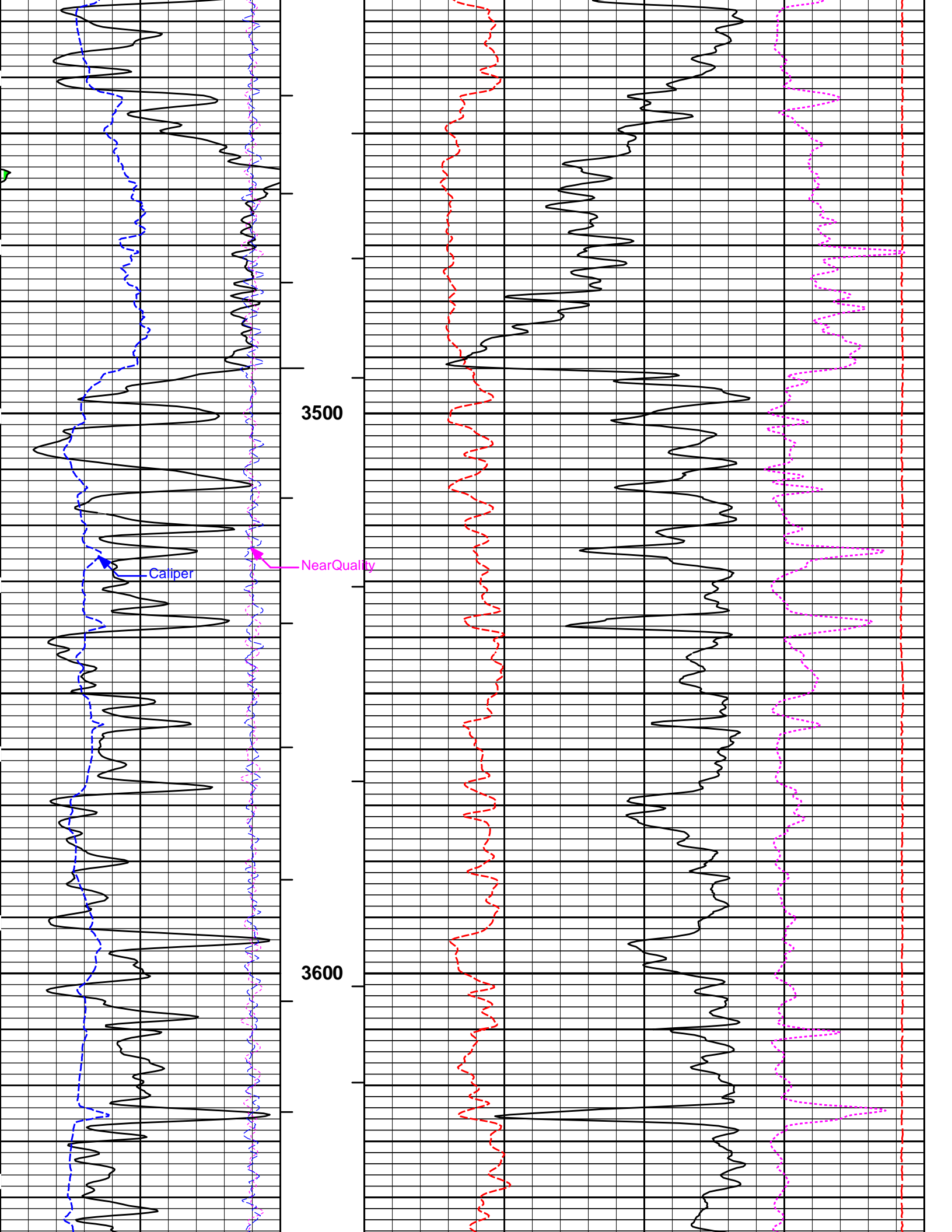


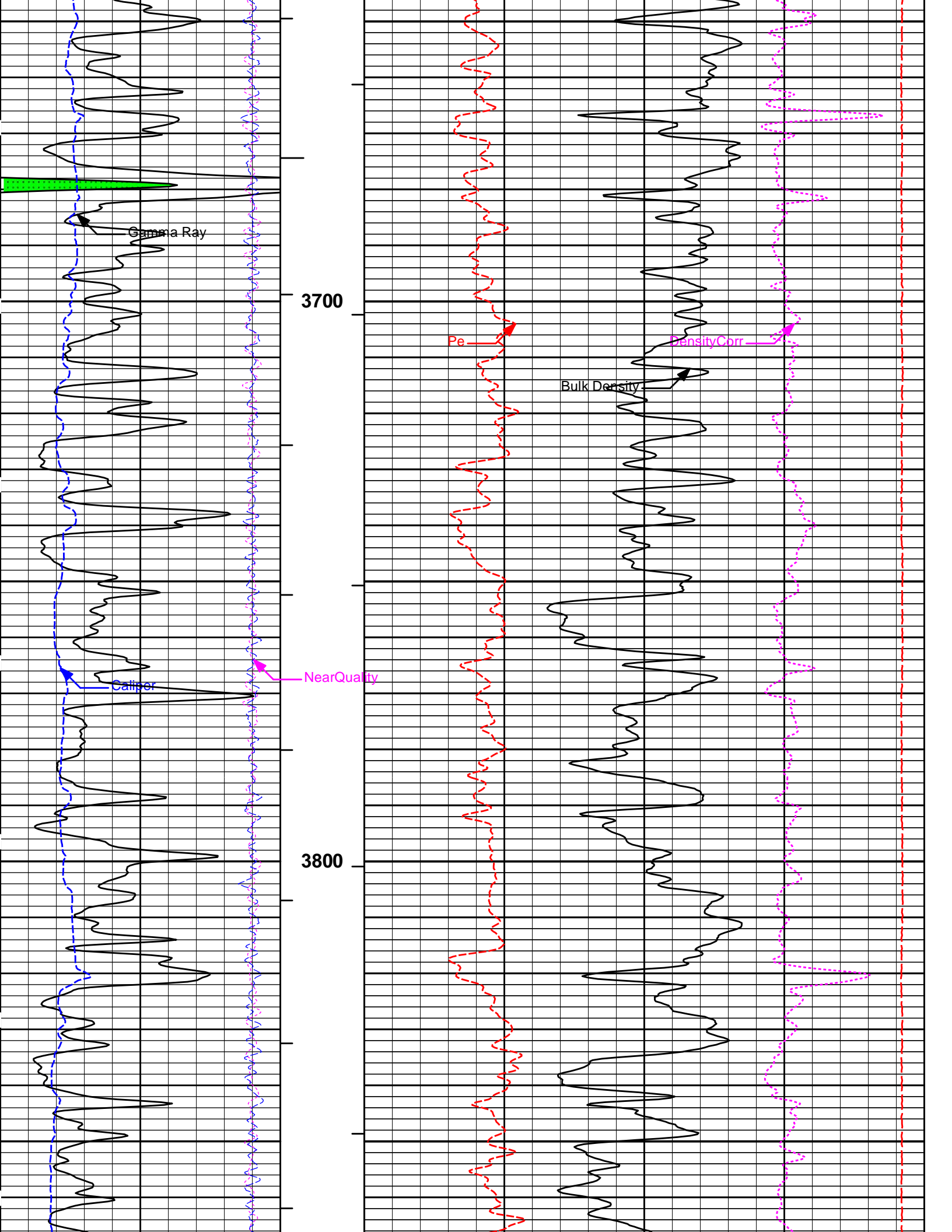


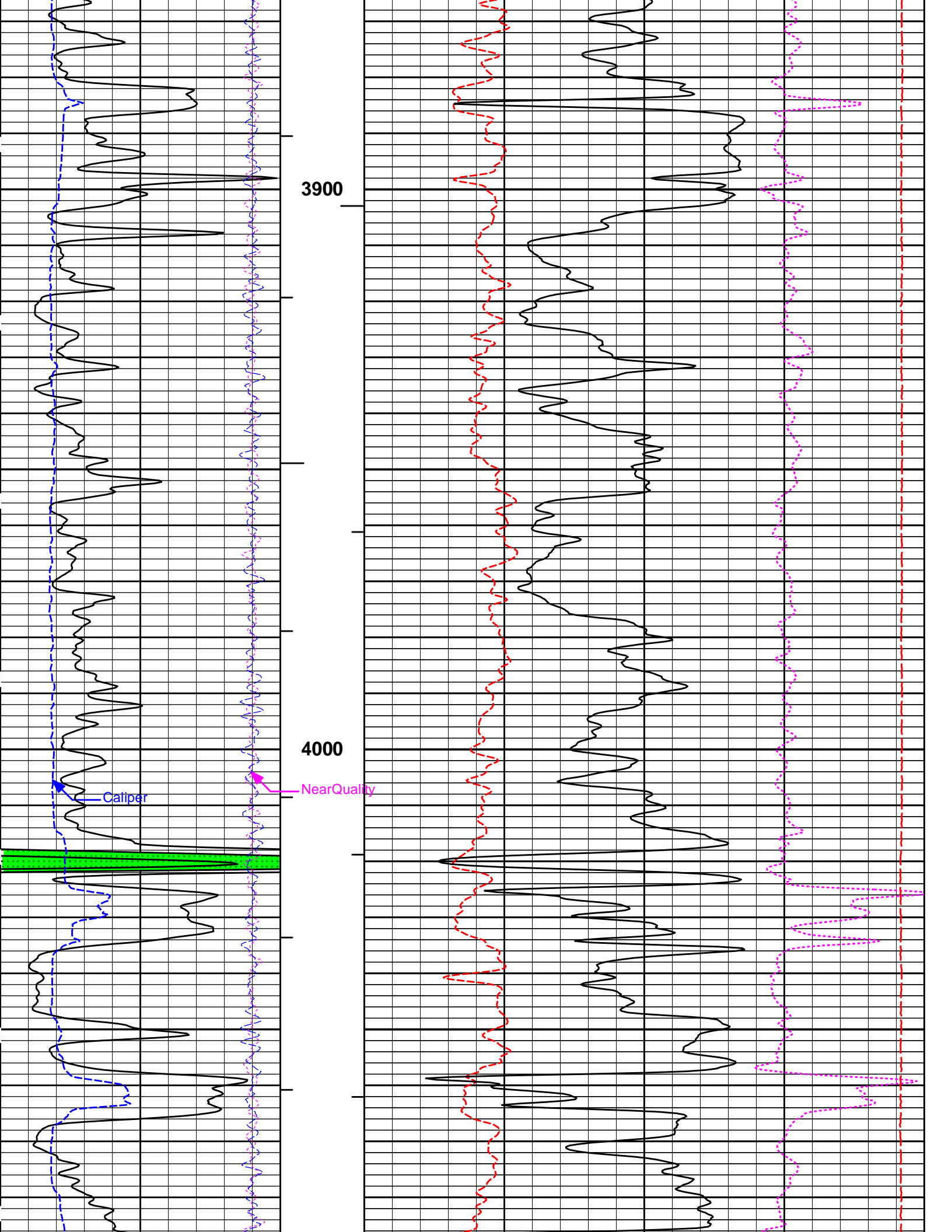


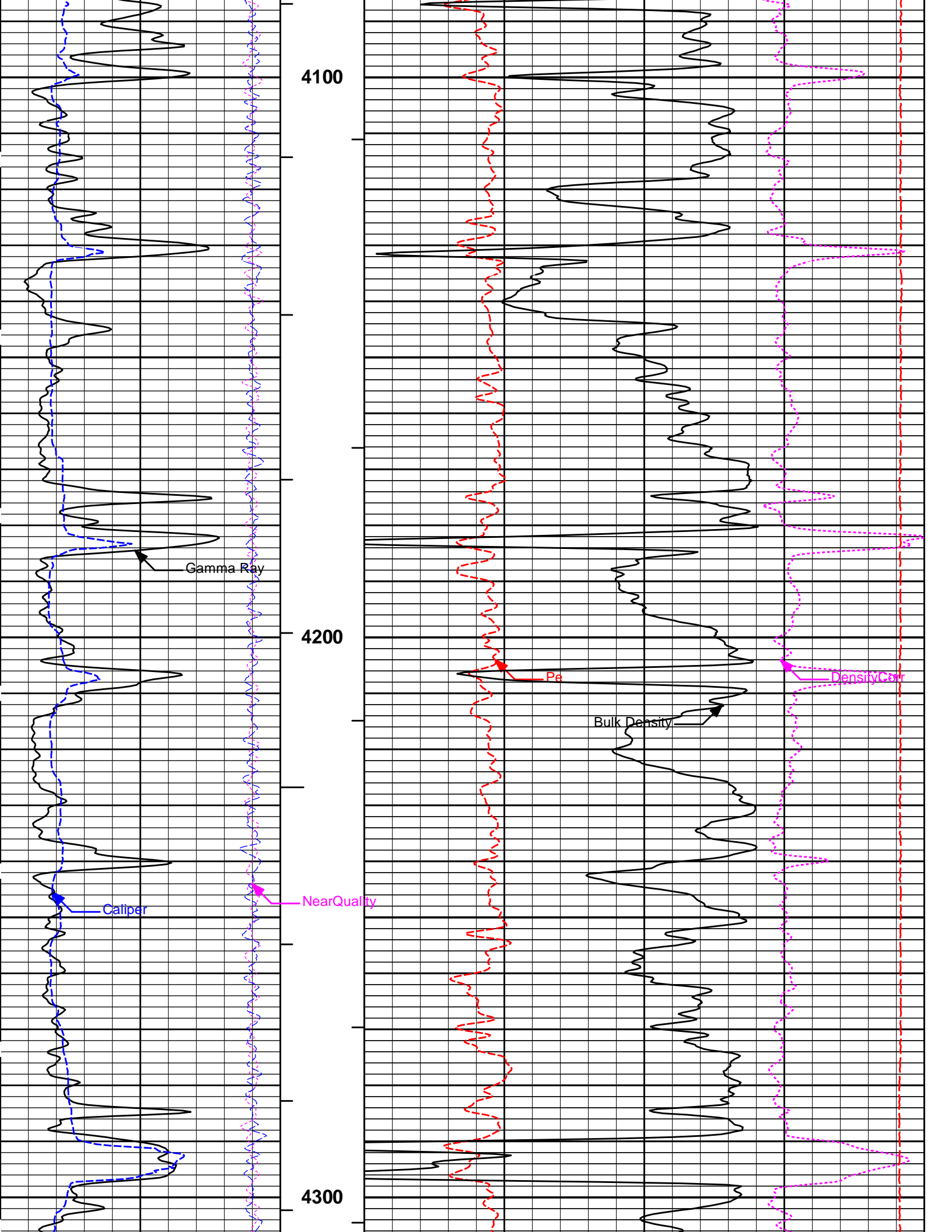


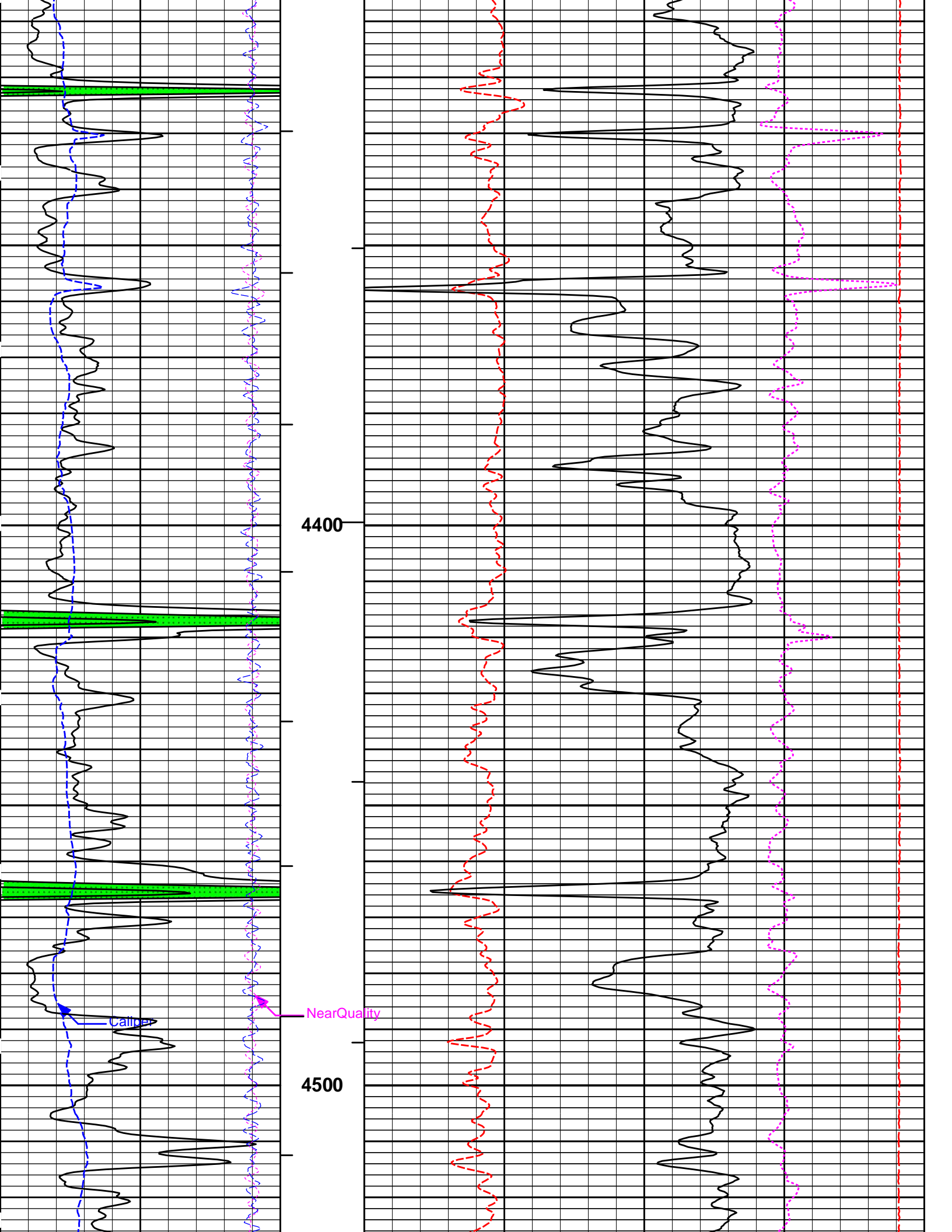


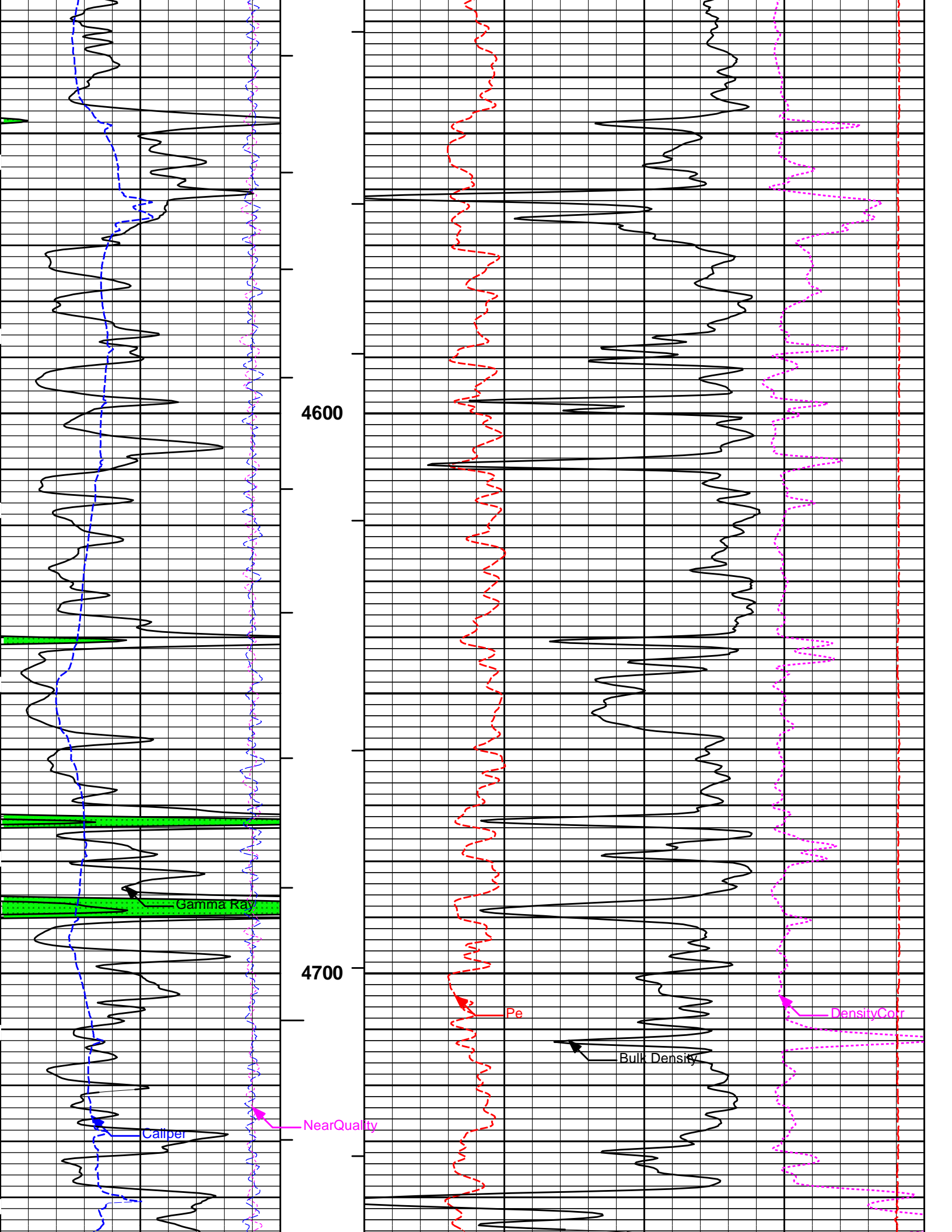


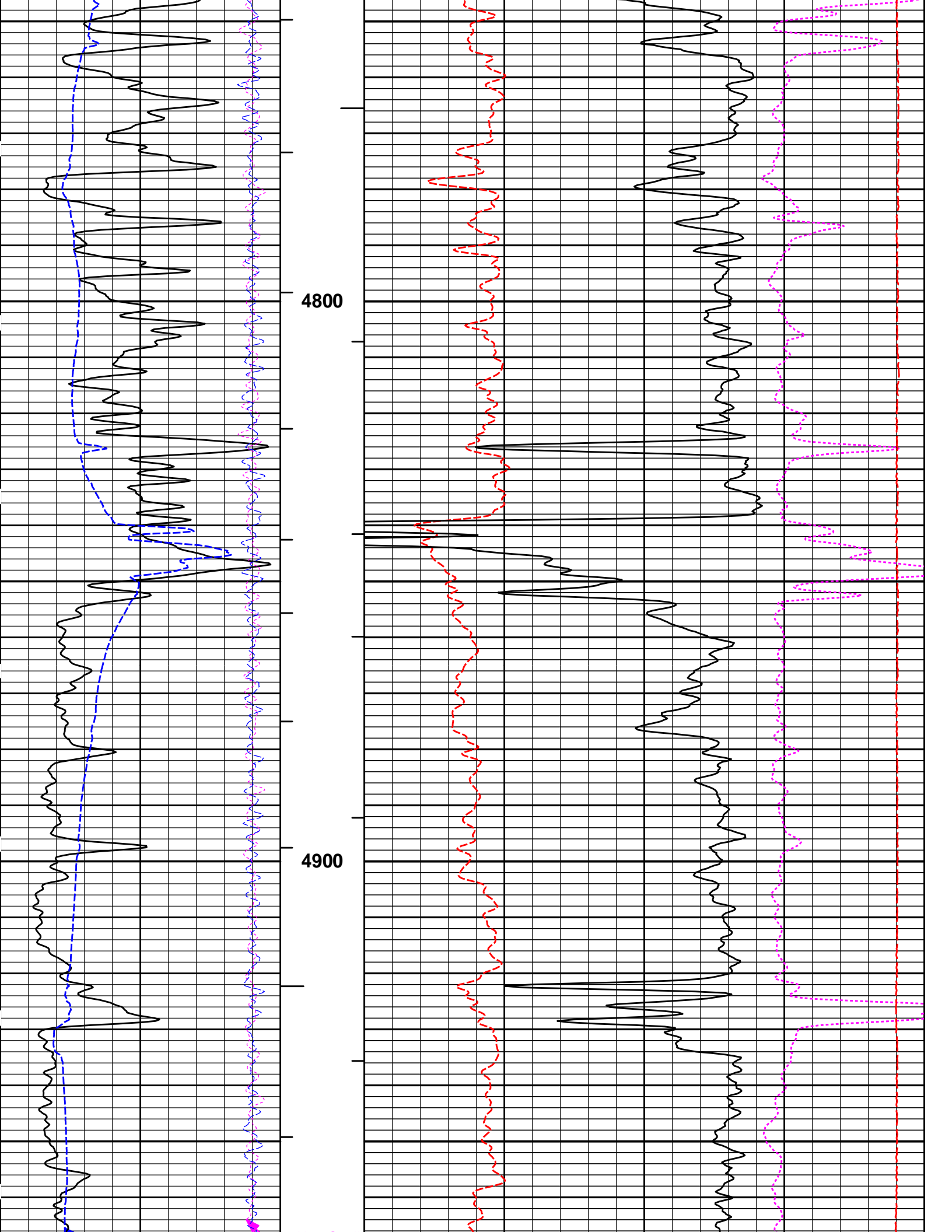


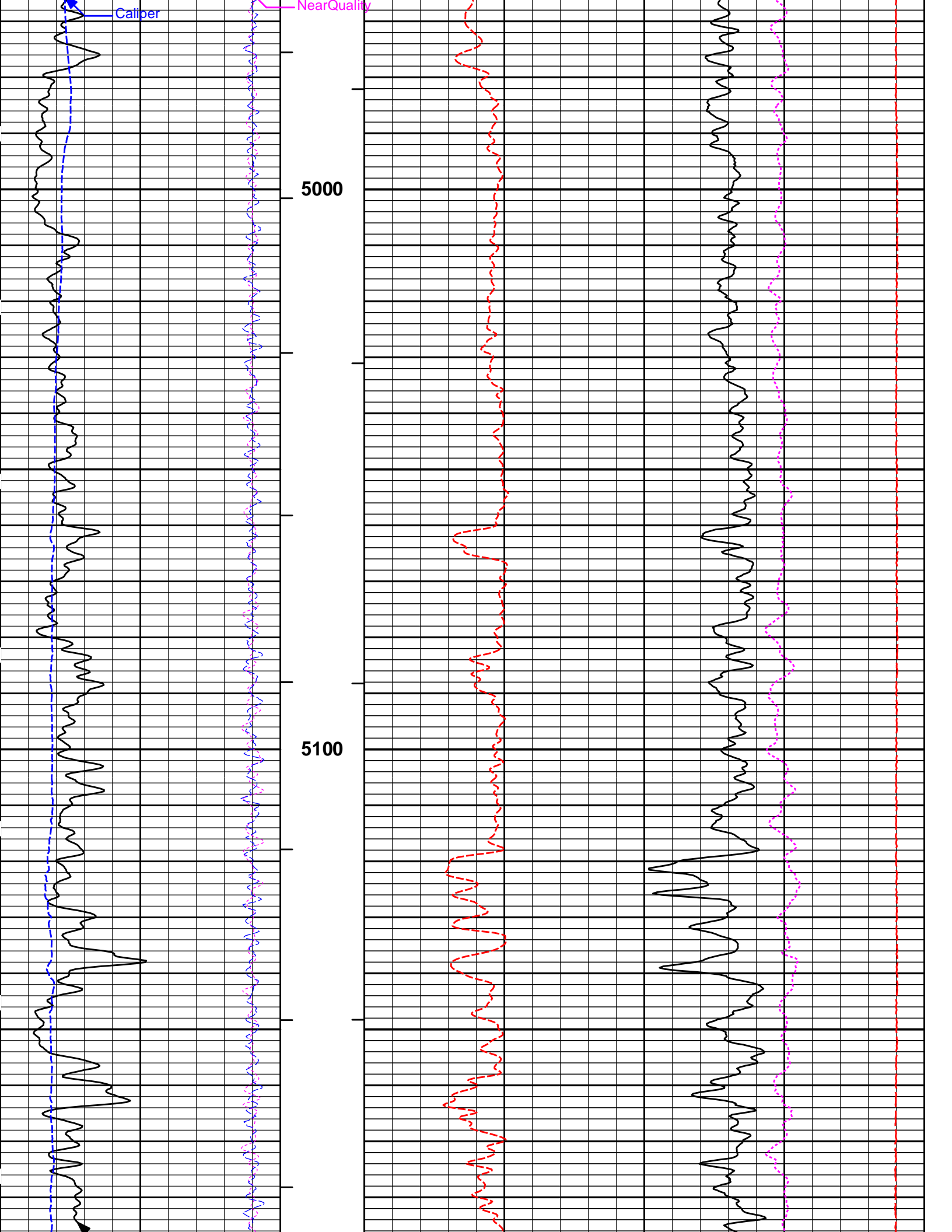


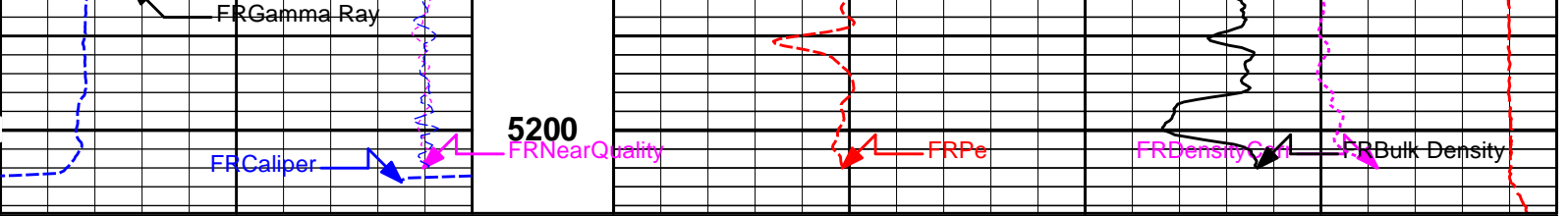












6	Caliper inches	16	MD 1 : 240 ft	0	Pe	10	-0.25	DensityCorr	0.25
-18	NearQuality	2	AHV ft3				15K	Tension pounds	0
18	FarQuality	-2	BHV ft3	2	Bulk Density			3	
					g/cc				
0	Gamma Ray api	150							
SHALE									

HALLIBURTON

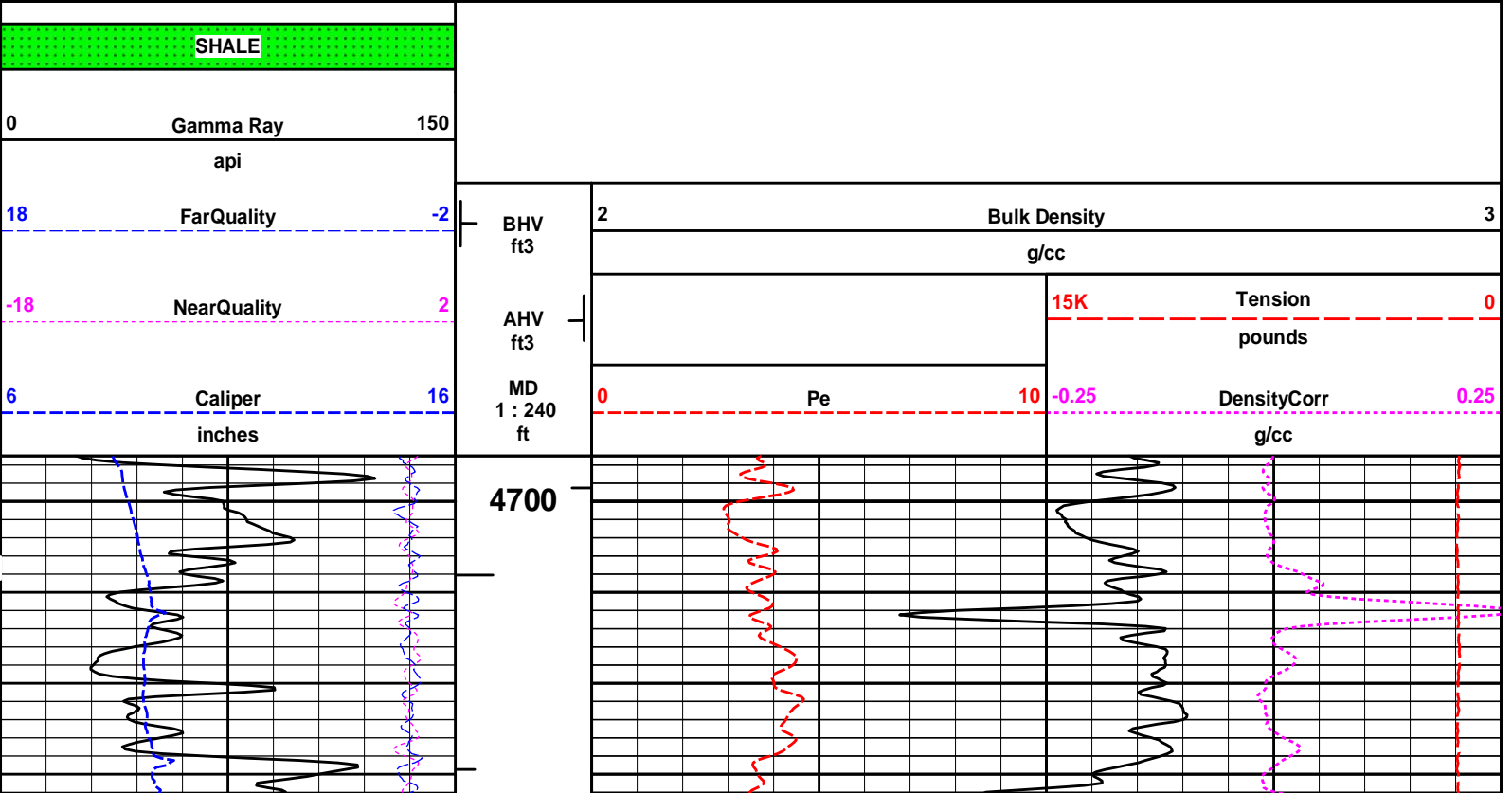
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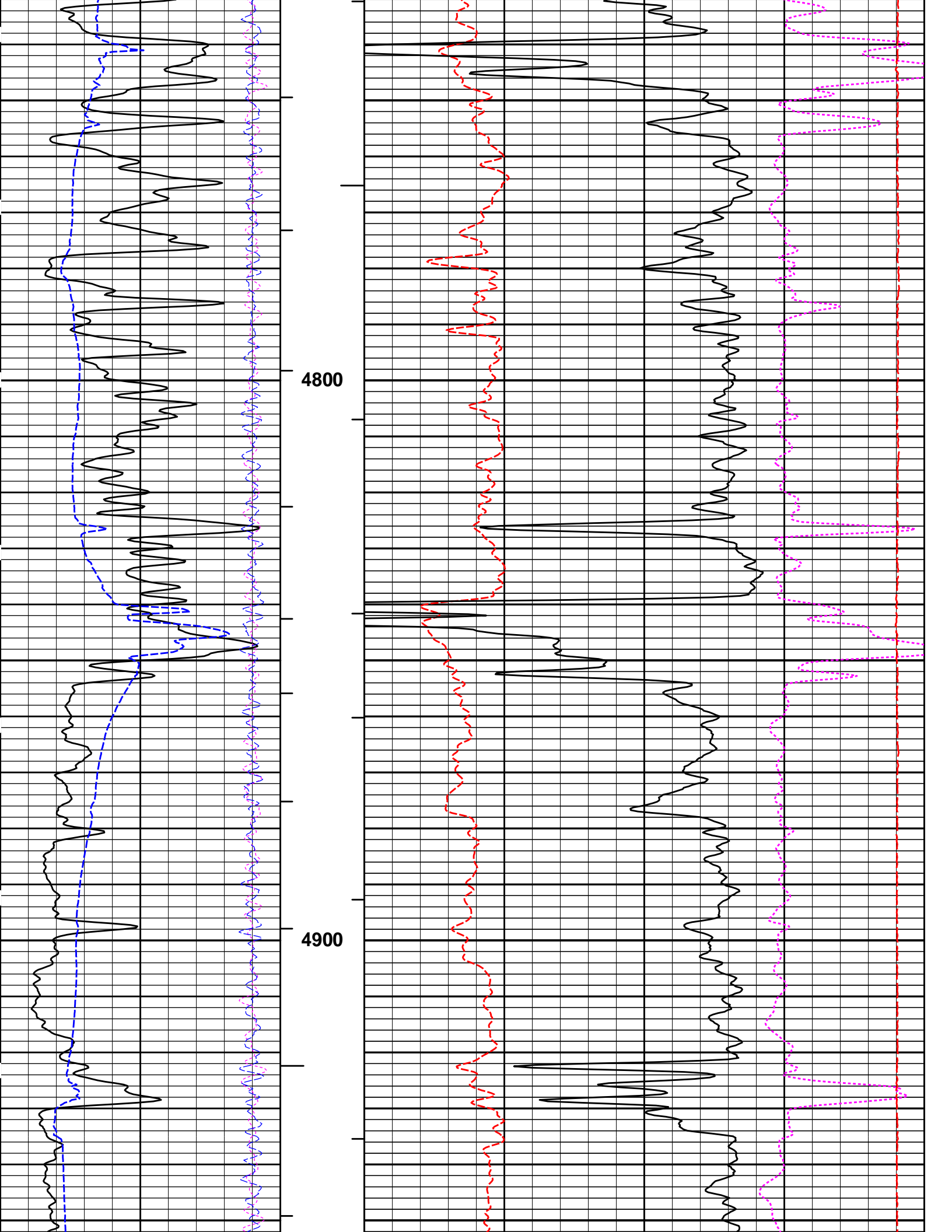
5 INCH MAIN LOG

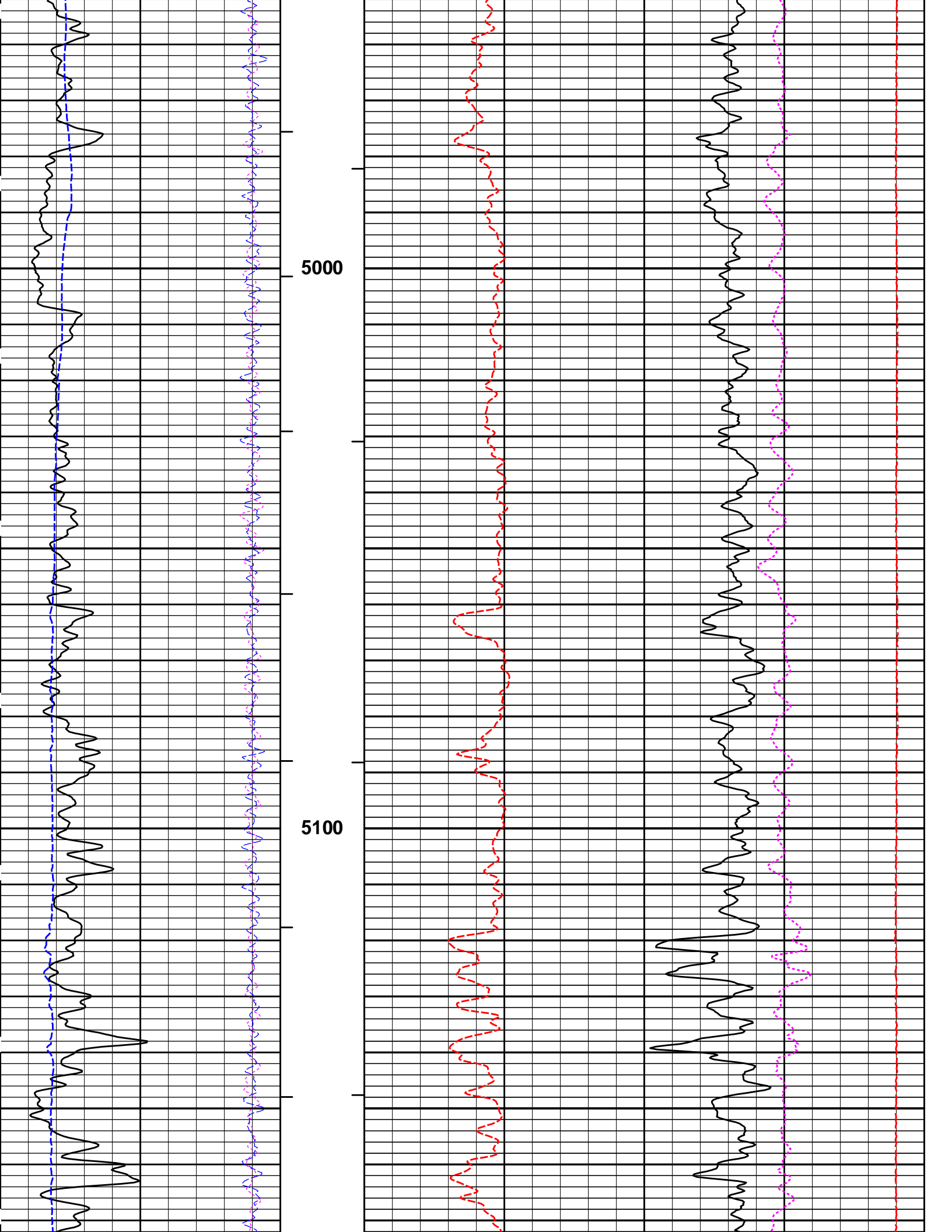
HALLIBURTON

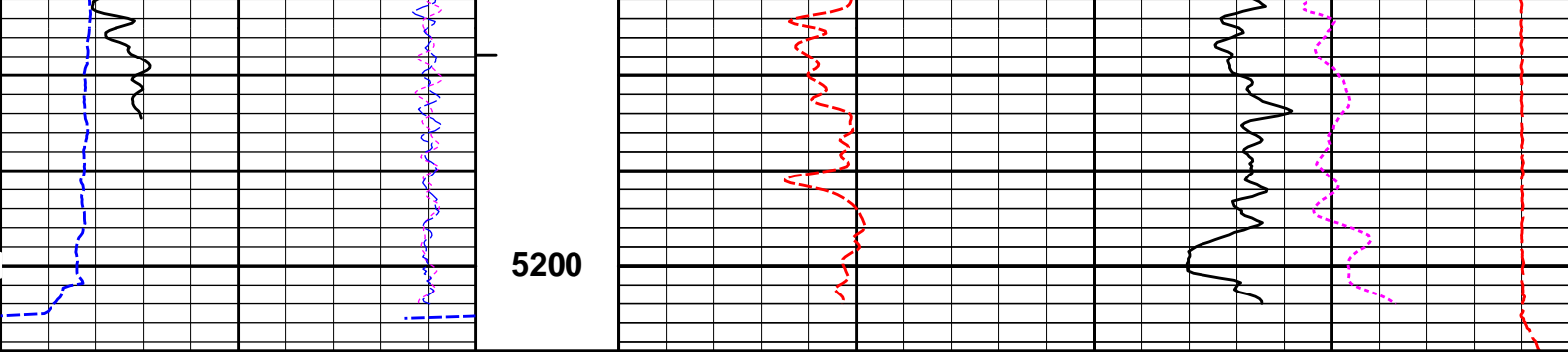
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 Plot File: \\LOCAL\MYLES_MCGEHEE17\Well Based\POROSITY\BULKD_5_REP_LIB

REPEAT SECTION









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

HALLIBURTON

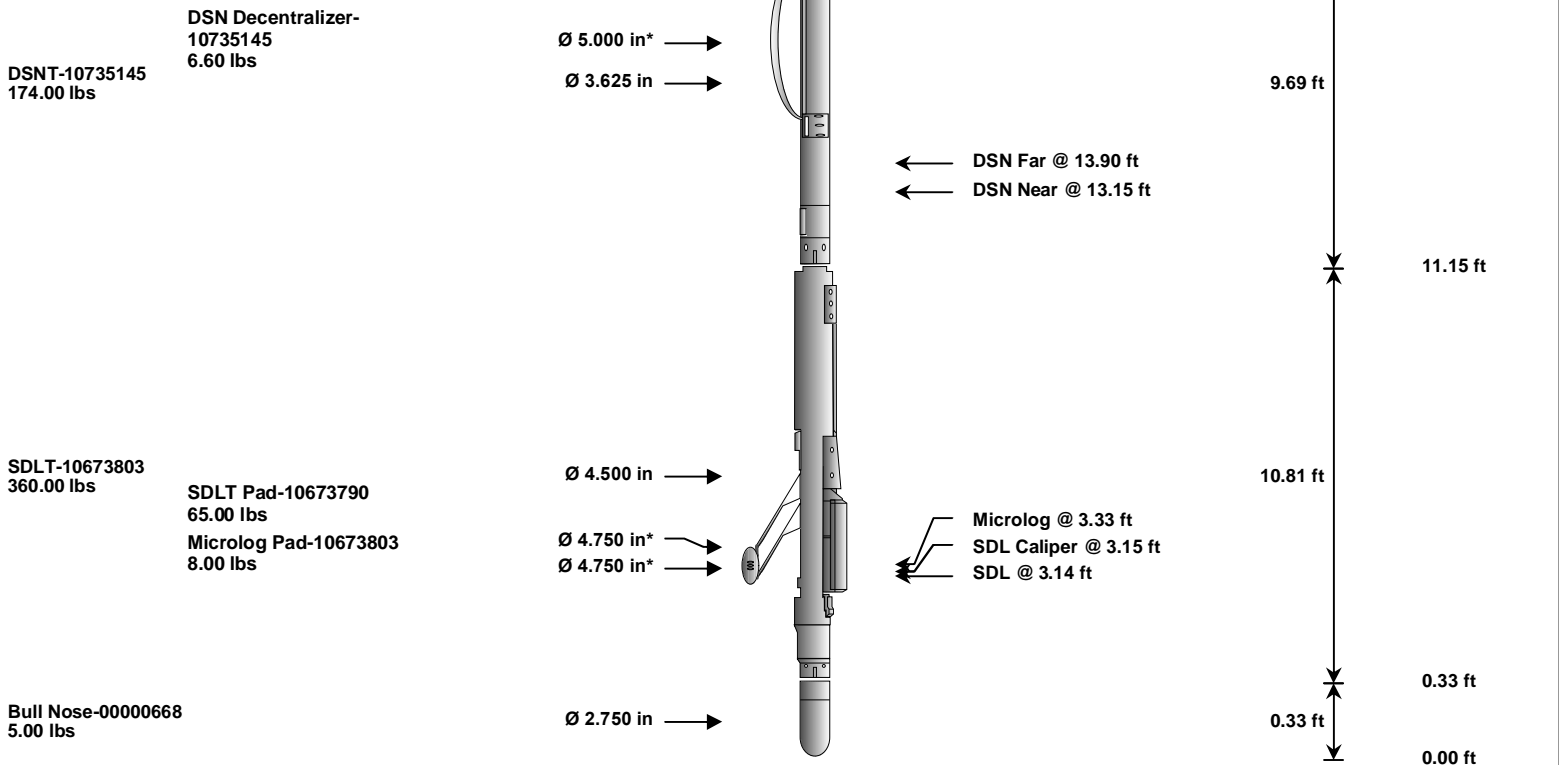
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 Plot File: \\-LOCAL-MYLES_MCGEHEE17\Well Based\POROSITY\BULKD_5_REP_LIB

REPEAT SECTION

HALLIBURTON

TOOL STRING DIAGRAM REPORT

Description	Overbody Description	O.D.	Diagram	Sensors @ Delays	Length	Accumulated Length
RWCH-12156658 135.00 lbs		Ø 3.625 in →		← Load Cell @ 35.66 ft ← BH Temperature @ 35.09 ft	6.25 ft	39.34 ft
SP Sub-12345678 60.00 lbs		Ø 3.625 in →		← SP @ 31.31 ft	3.74 ft	33.09 ft
GTET-11039640 165.00 lbs		Ø 3.625 in →		← GammaRay @ 23.29 ft	8.52 ft	29.35 ft
						20.83 ft



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

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
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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 Caliner	3.15	TRI	0.250

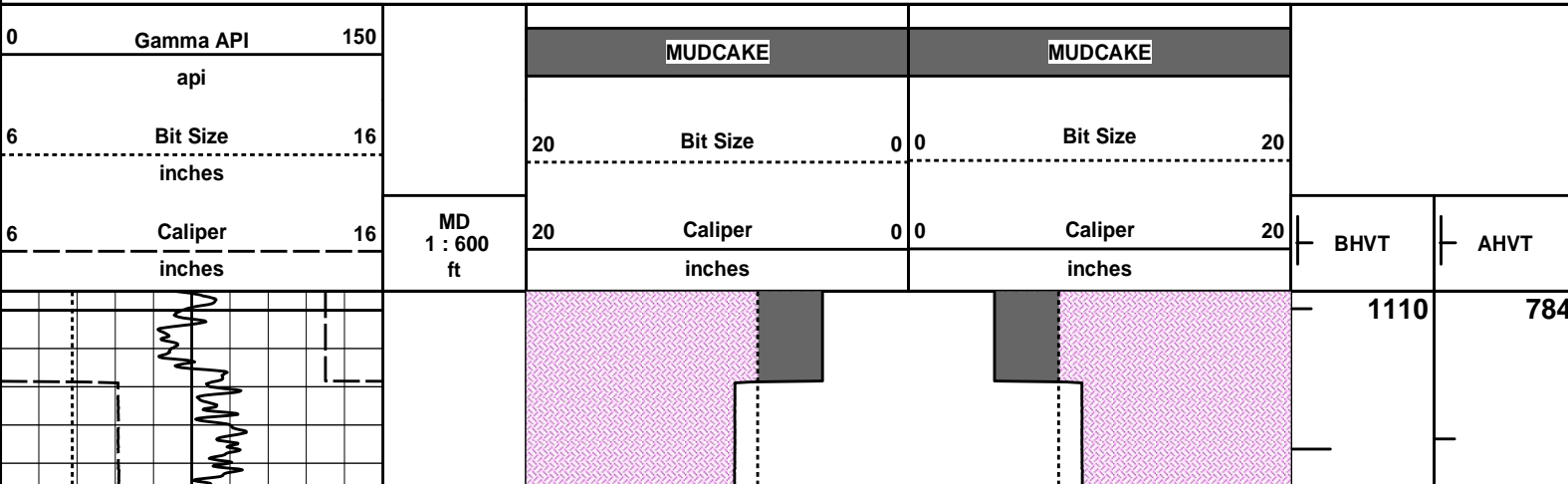
ACAL	Arm Caliper	3.15	TRI	0.250
SDLT Pad				
TPUL	Tension Pull	3.14	NO	
NAB	Near Above	2.96	BLK	0.920
NHI	Near Cesium High	2.96	BLK	0.920
NLO	Near Cesium Low	2.96	BLK	0.920
NVA	Near Valley	2.96	BLK	0.920
NBA	Near Barite	2.96	BLK	0.920
NDE	Near Density	2.96	BLK	0.920
NPK	Near Peak	2.96	BLK	0.920
NLI	Near 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	

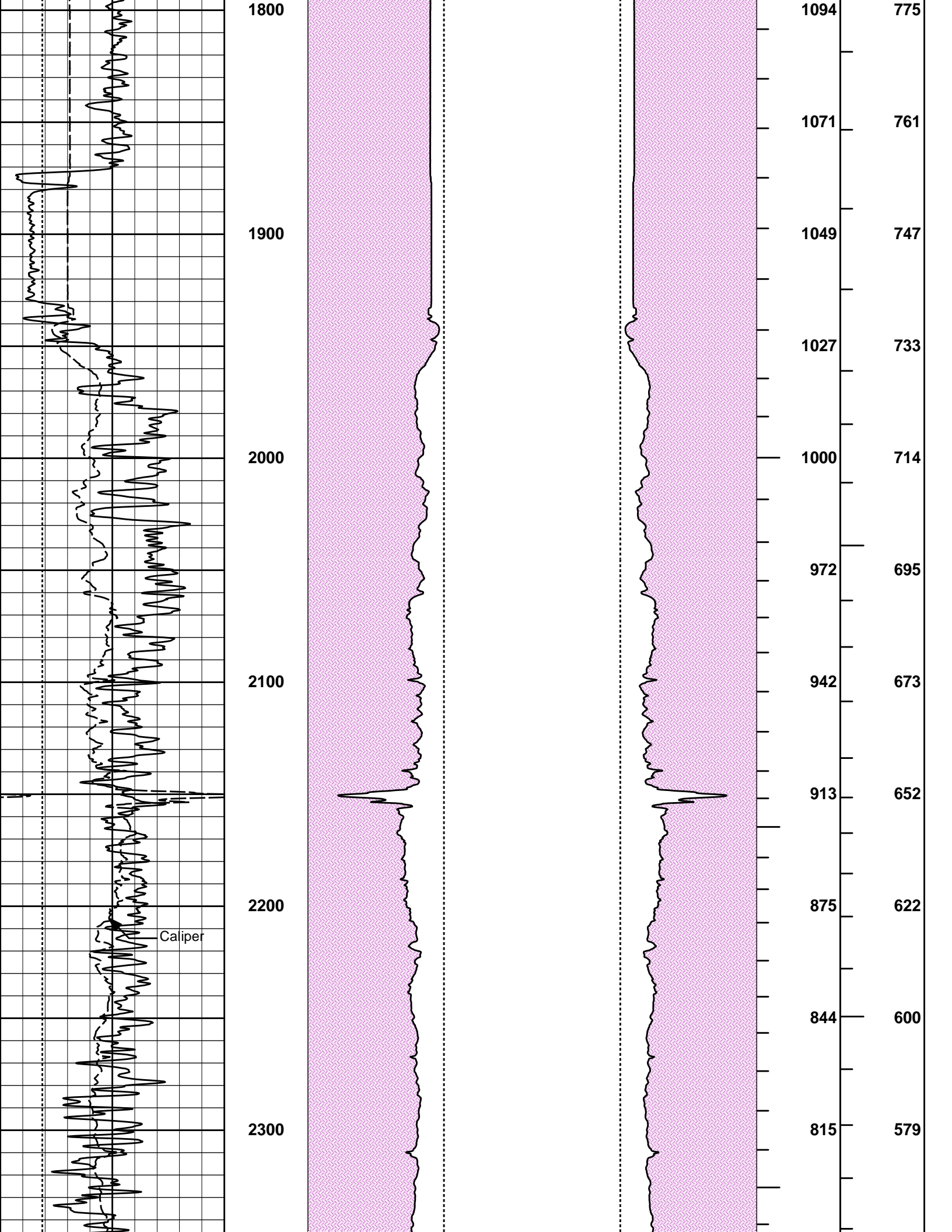
Microlog Pad				
TPUL	Tension Pull	3.33	NO	
MINV	Microlog Lateral	3.33	BLK	0.750
MNOR	Microlog Normal	3.33	BLK	0.750
Data: MYLES_MCGEHEE17\0001 SP-GTET-DSNT-SDLT-BNIDLE			Date: 06-Jun-14 07:49:01	

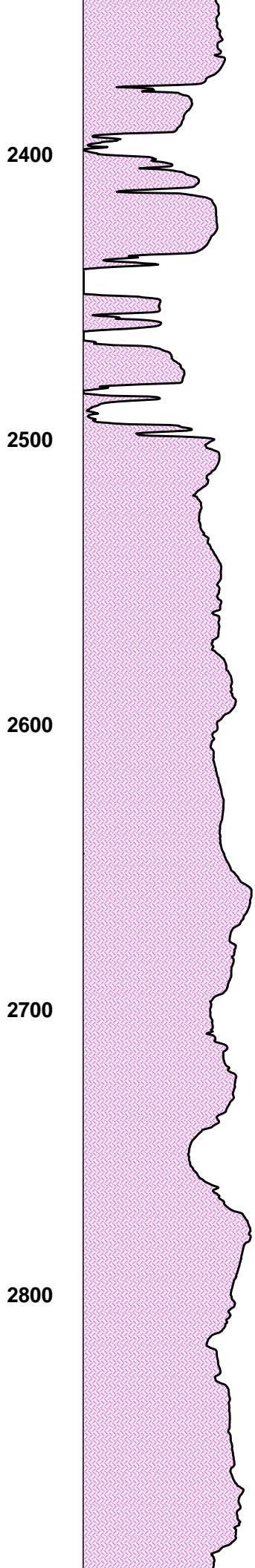
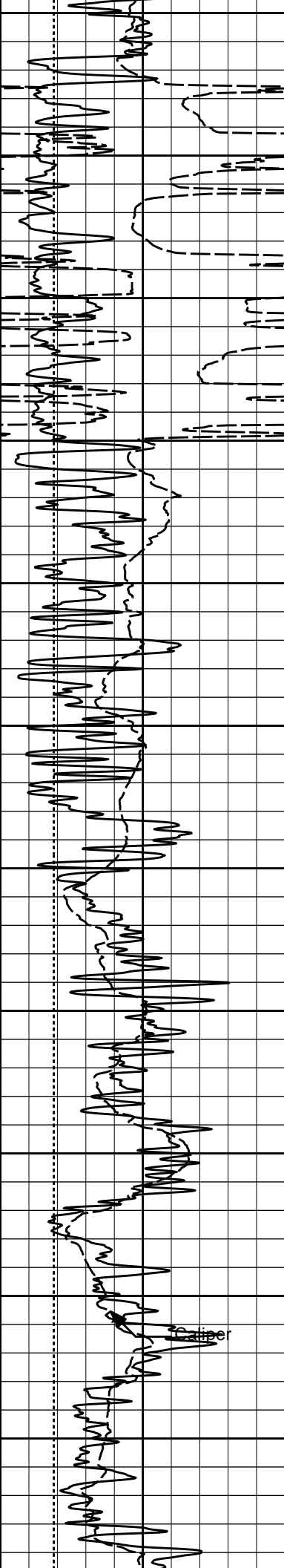
HALLIBURTON

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

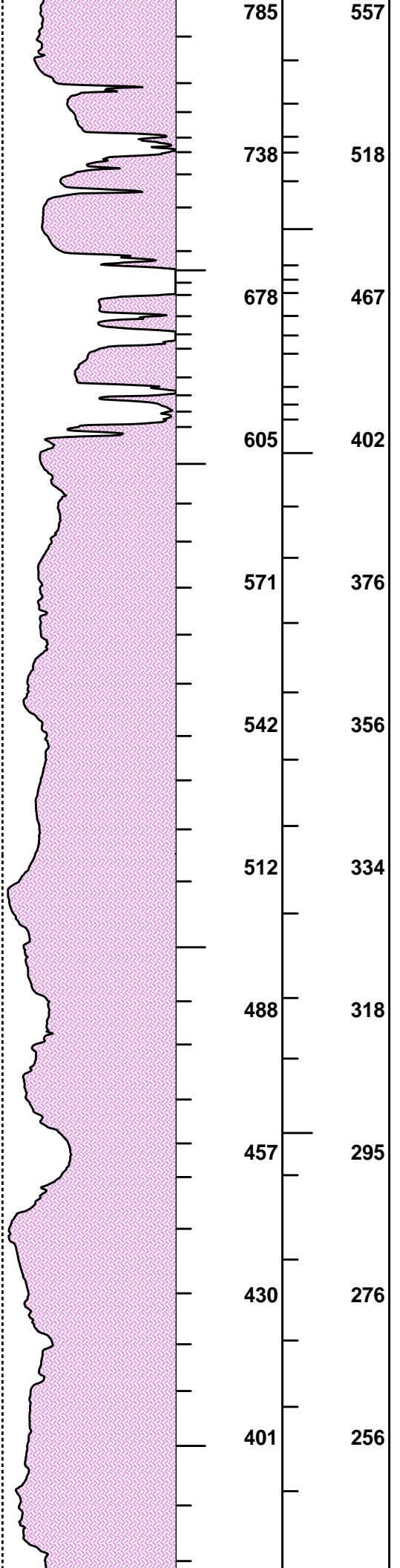
ANNULAR HOLE VOLUME PLOT

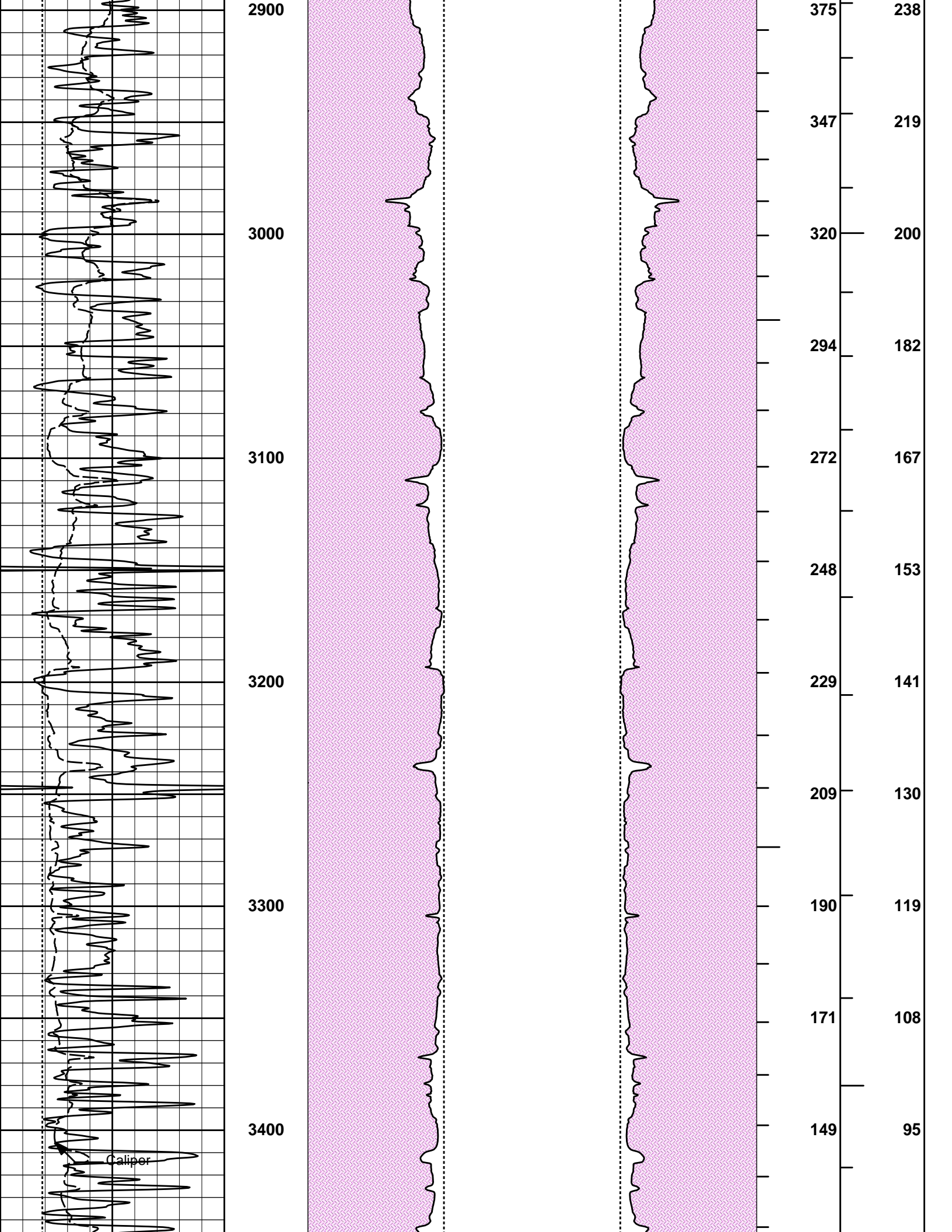


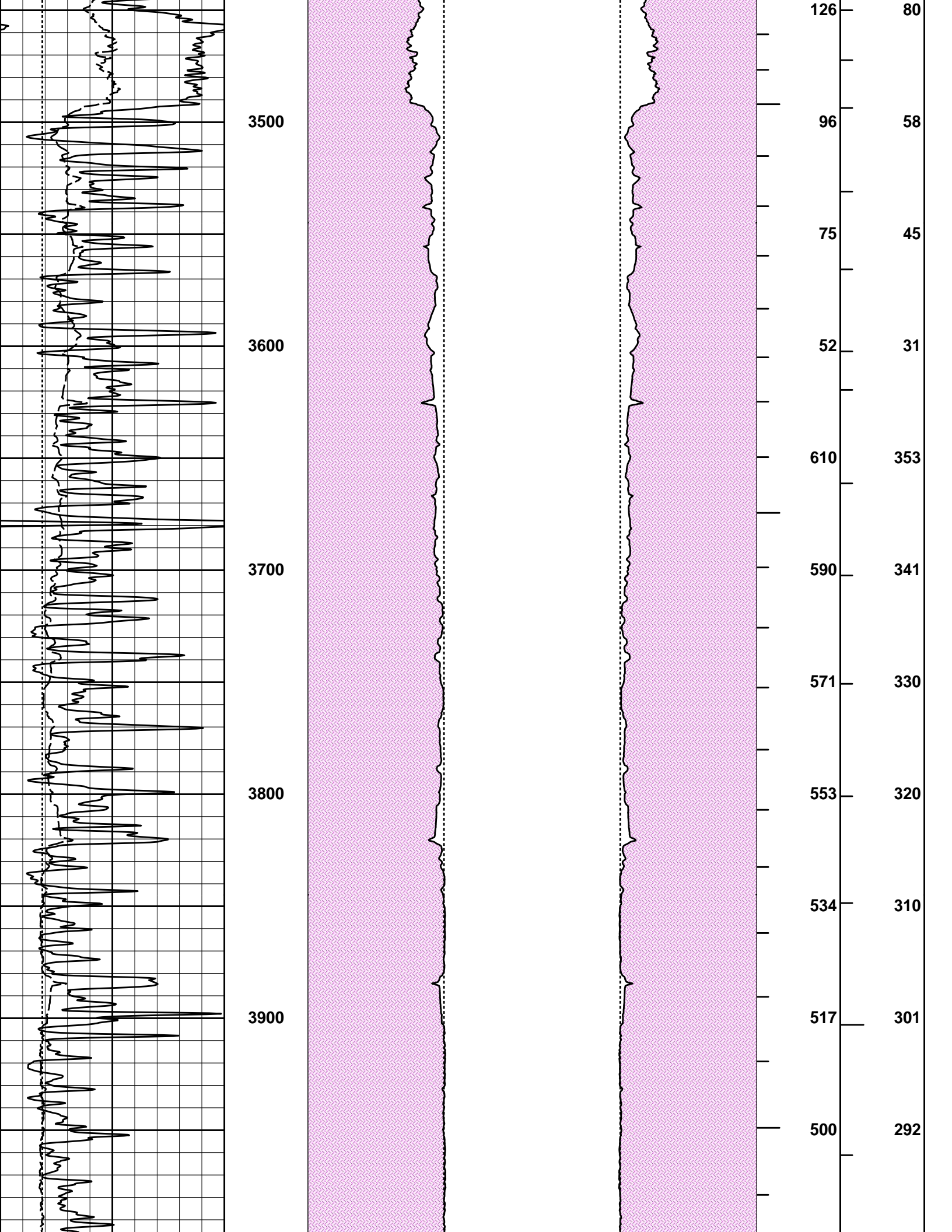


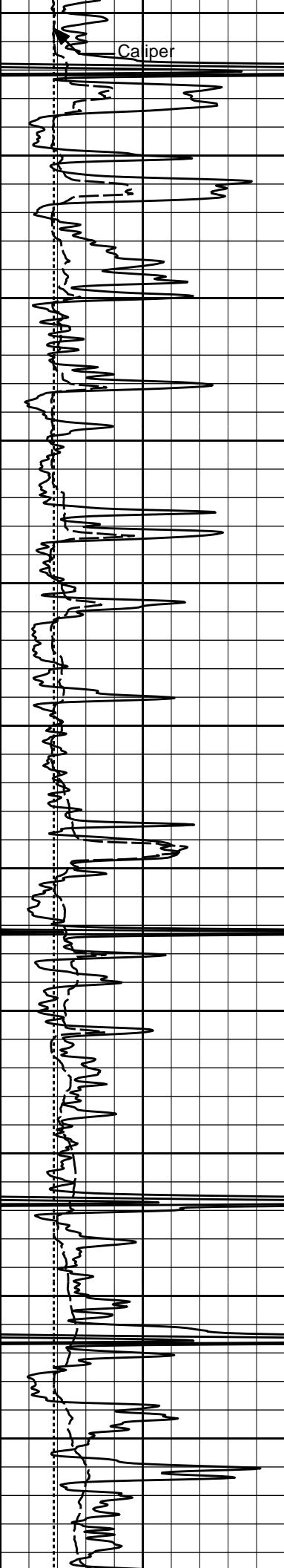


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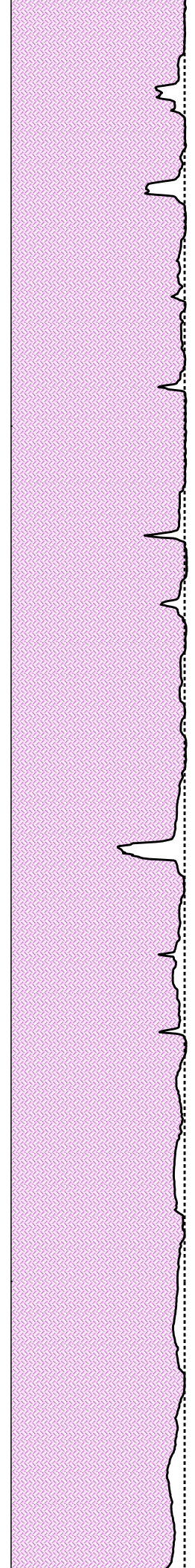




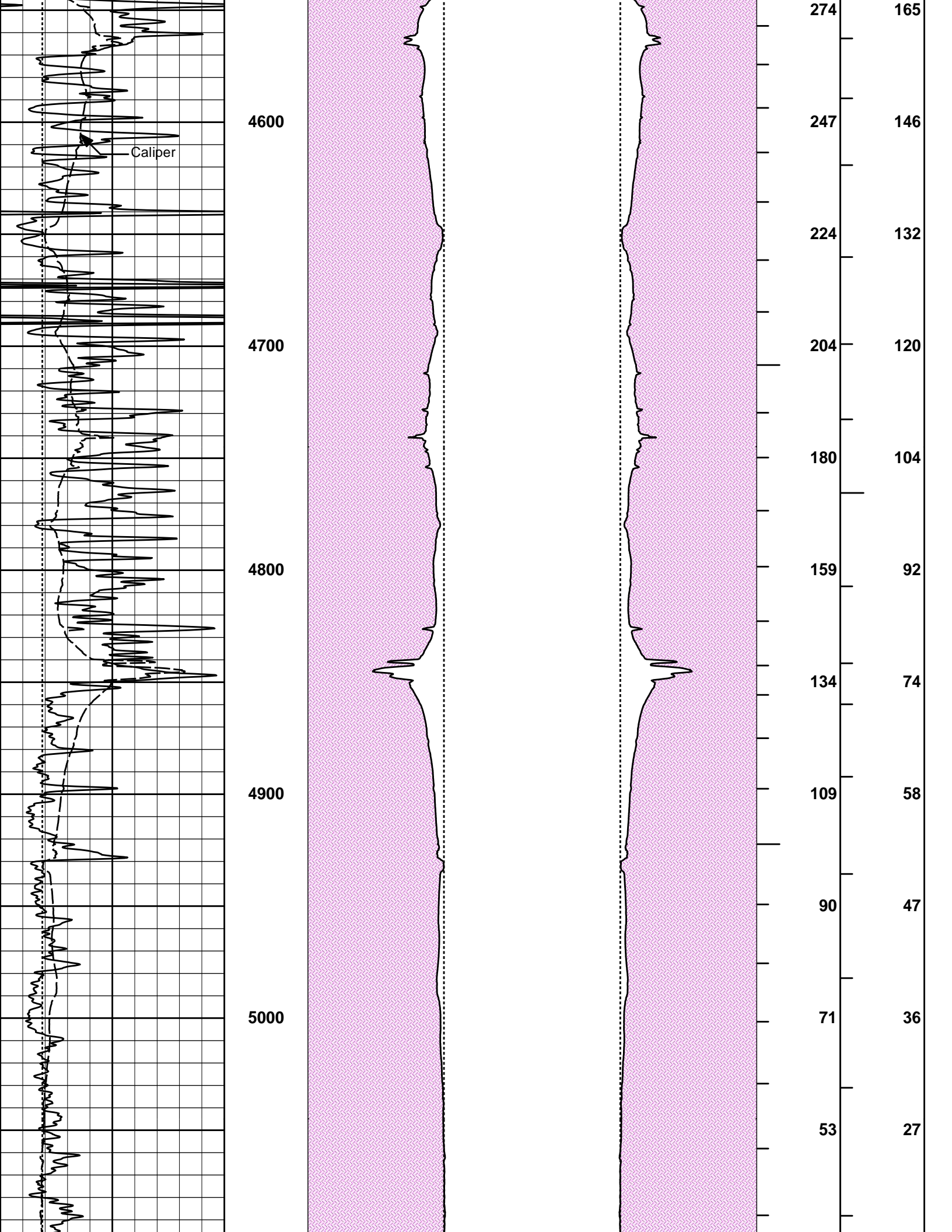


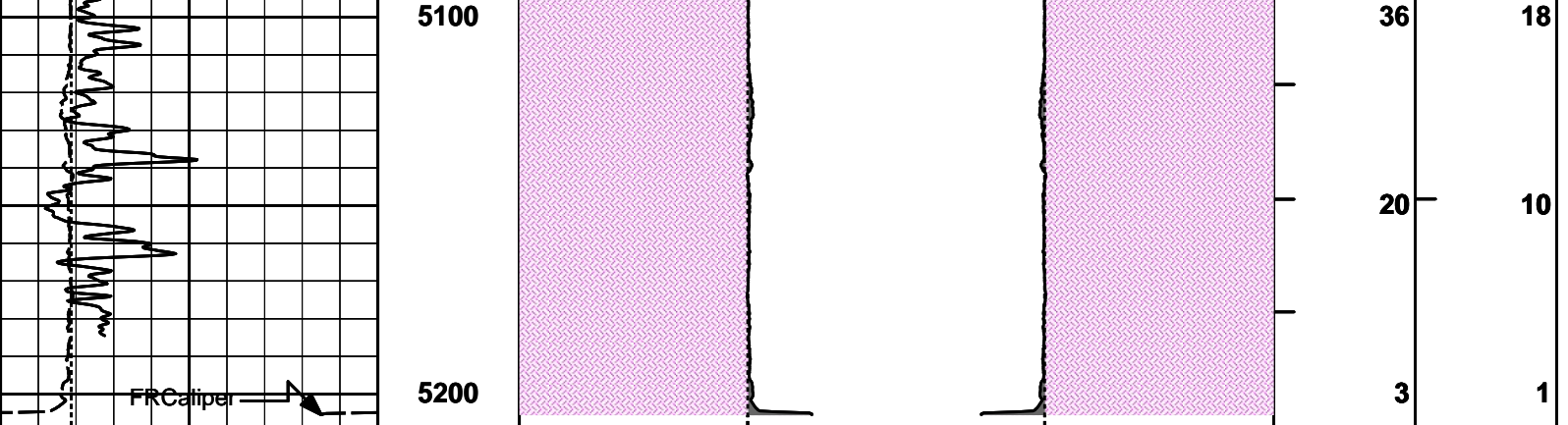


4000
4100
4200
4300
4400
4500



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	



P.O. Box 205803
Dallas, TX 75320-5803

Voice: (832) 482-3742
Fax: (832) 482-3738

Bill To:

Bengalia Land & Cattle Company
P O Box 521008
Tulsa, OK 74152-0008

INVOICE

Invoice Number: 152459
Invoice Date: Jul 23, 2016
Page: 1

Federal Tax I.D.#: 81-2169190

Customer ID	Field Ticket #	Payment Terms	
Beng	LIB1607230657	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Liberal	Jul 23, 2016	8/22/16

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Myles McGehee 1-7		
12.00	CEMENT MATERIALS	CW-HVS	58.70	704.40
50.00	CEMENT MATERIALS	CB-APA-40604	18.92	946.00
150.00	CEMENT MATERIALS	CB-ASA	23.50	3,525.00
750.00	CEMENT MATERIALS	CLC-KOL	0.98	735.00
71.00	CEMENT MATERIALS	CFL-210	18.90	1,341.90
1.00	EQUIPMENT SALES	GS 5.5	281.00	281.00
1.00	EQUIPMENT SALES	AVF 5.5	335.00	335.00
10.00	EQUIPMENT SALES	CEN 5.5	57.00	570.00
1.00	EQUIPMENT SALES	TRP 5.5	85.00	85.00
251.00	CEMENT SERVICE	Cubic Feet Charge	2.48	622.48
534.00	CEMENT SERVICE	Ton Mileage Charge	2.75	1,468.50
1.00	CEMENT SERVICE	Pump, Casing Cement 5001'-6000' FT	3,099.25	3,099.25
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
50.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	385.00
1.00	CEMENT SERVICE	CMLP	275.00	275.00
2.00	CEMENT SERVICE	Additional Hours in excess of set hours	440.00	880.00
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Material	3,988.77	-3,988.77
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Cement Service	3,338.63	-3,338.63
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Equipment	571.95	-571.95
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Additional	396.00	-396.00

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. ONLY IF PAID ON OR
BEFORE

Aug 22, 2016

1 1/2% CHARGED
THEREAFTER.

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
TOTAL	Continued

*adam.schmidt
@theogasman.com*



INVOICE

P.O. Box 205803
 Dallas, TX 75320-5803

Invoice Number: 152459
 Invoice Date: Jul 23, 2016
 Page: 2

Voice: (832) 482-3742
 Fax: (832) 482-3738

Federal Tax I.D.#: 81-2169190

Bill To:

Bengalia Land & Cattle Company
 P O Box 521008
 Tulsa, OK 74152-0008

Customer ID	Field Ticket #	Payment Terms	
Beng	LIB1607230657	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Liberal	Jul 23, 2016	8/22/16

Quantity	Item	Description	Unit Price	Amount
1.00	E-BAEZA JUAREZ.KENNY	DISTRICT MANAGER		
1.00	E-ESCARCEGA.RAMON	OPERATOR ASSISTANT		
1.00	E-AYALA.ALEJANDRO	EQUIPMENT OPERATOR		

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. ONLY IF PAID ON OR
 BEFORE

Aug 22, 2016

1 1/2% CHARGED
 THEREAFTER.

Subtotal	7,178.18
Sales Tax	303.14
Total Invoice Amount	7,481.32
Payment/Credit Applied	
TOTAL	7,481.32

TOP OF CEMENT 3838
 50 August 15
 Performance

Field Ticket Number: Lib1607230657 Field Ticket Date: Saturday, July 23, 2016

Bill To:
 Bengalia Land & Cattle Co.
 PO Box 521008
 Tulsa, OK 74152-1008

Job Name: 02 Production/Long String
Well Location: Gray, Kansas
Well Name: Myles McGehee
Well Number: 1-7
Well Type: New Well
Rig Number:
Shipping Point: Liberal, KS
Sales Office: Mid Con

PERSONEL		EQUIPMENT	
Lenny Baeza	Alex Ayala	994-550	774-1066
Ramon Escarcega			

SERVICES - SERVICES - SERVICES

Description	QTY	UOM	Unit Amt	Gross Amt	Disc %	Discum	Net Amount
PUMP, CASING CEMENT 5001-6000 FT	1.00	min. 4 hr	3,099.25	3099.25	1,394.66	55.0%	1,394.66
CMLP	1.00	per day	275.00	275.00	123.75	55.0%	123.75
PHDL	251.00	per cu. Ft.	2.48	622.48	1.12	55.0%	260.12
DRYG	534.00	ton-mile	2.75	1468.50	1.24	55.0%	660.83
MILV	50.00	per mile	4.40	220.00	1.98	55.0%	99.00
MIHV	50.00	per mile	7.70	385.00	3.47	55.0%	173.25

FLOAT EQUIPMENT -- FLOAT EQUIPMENT -- FLOAT EQUIPMENT

GS-5.5	1.00	each	281.00	281.00	154.55	45.0%	154.55
AFV-5.5	1.00	each	335.00	335.00	184.25	45.0%	184.25
CEN-5.5	10.00	each	57.00	570.00	31.35	45.0%	313.50
TRP - 5.5	1.00	each	85.00	85.00	46.75	45.0%	46.75

MATERIALS - MATERIALS - MATERIALS

CW-HVS	12.00	bbi	58.70	704.40	26.42	55.0%	316.98
CB-APA-40604	50.00	sack	18.92	946.00	8.51	55.0%	425.70
CB-ASA	150.00	sack	23.50	3,525.00	10.58	55.0%	1,538.25
CLC-KOL	750.00	pound	0.98	735.00	0.44	55.0%	330.75
CFL-210	71.00	pound	18.90	1,341.90	8.51	55.0%	603.86

ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS

Additional hours, in excess of set hours	2.00	per hour	440.00	880.00	242.00	45.0%	484.00
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	Gross	Discount	Final
Services Total	6,070.23	3,338.63	2,731.60
Equipment Total	1,271.00	571.95	699.05
Materials Total	7,252.30	3,988.77	3,263.54
Additional Items	880.00	396.00	484.00
Final Total	15,473.53	8,295.34	7,178.19

Allied Rep _____
 Customer Agent: _____

This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.
 Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.
 I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.

x Emilia Rojas
 Customer Signature

Field Ticket Total (USD): **\$7,178.19**

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Oil & Gas Services, LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "JOB" relates to the services described on the front side of this contract, "MERCHANDISE" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

-TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate. Any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

-ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

-PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

-TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by the CUSTOMER.

-PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

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1). ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

A). Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and

B). Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2). With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3). ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

-WARRANTIES:

1). ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and services when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2). More specifically:

A). Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

B). Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation or tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information, or data.

C). Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent, and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

Field Ticket Number: Lib1607230657 Field Ticket Date: Saturday, July 23, 2016

Bill To:
 Bengalia Land & Cattle Co.
 PO Box 521008
 Tulsa, OK 74152-1008

Job Name: 02 Production/Long String
Well Location: Gray, Kansas
Well Name: Myles McGehee
Well Number: 1-7
Well Type: New Well
Rig Number:
Shipping Point: Liberal, KS
Sales Office: Mid Con

PERSONEL		EQUIPMENT	
Lenny Baeza	Alex Ayala	994-550	774-1066
Ramon Escarcega			

SERVICES - SERVICES - SERVICES							
Description	QTY	UOM	Unit Amt	Gross Amt	50% Net	Discount	Net Amount
PUMP, CASING CEMENT 5001-6000 FT	1.00	min. 4 hr	3,099.25	3099.25	1,394.66	55.0%	1,394.66
CMLP	1.00	per day	275.00	275.00	123.75	55.0%	123.75
PHDL	251.00	per cu. Ft.	2.48	622.48	1.12	55.0%	260.12
DRYG	534.00	ton-mile	2.75	1468.50	1.24	55.0%	660.83
MILV	50.00	per mile	4.40	220.00	1.98	55.0%	99.00
MIHV	50.00	per mile	7.70	385.00	3.47	55.0%	173.25

FLOAT EQUIPMENT -- FLOAT EQUIPMENT -- FLOAT EQUIPMENT							
GS-5.5	1.00	each	281.00	281.00	154.55	45.0%	154.55
AFV-5.5	1.00	each	335.00	335.00	184.25	45.0%	184.25
CEN-5.5	10.00	each	57.00	570.00	31.35	45.0%	313.50
TRP - 5.5	1.00	each	85.00	85.00	46.75	45.0%	46.75

MATERIALS - MATERIALS - MATERIALS							
CW-HVS	12.00	bbl	58.70	704.40	26.42	55.0%	316.98
CB-APA-40604	50.00	sack	18.92	946.00	8.51	55.0%	425.70
CB-ASA	150.00	sack	23.50	3,525.00	10.58	55.0%	1,586.25
CLC-KOL	750.00	pound	0.98	735.00	0.44	55.0%	330.75
CFL-210	71.00	pound	18.90	1,341.90	8.51	55.0%	603.86

ADDITIONAL ITEMS - ADDITIONAL ITEMS - ADDITIONAL ITEMS							
Additional hours, in excess of set hours	2.00	per hour	440.00	880.00	242.00	45.0%	484.00

	Gross	Discount	Final
Services Total	6,070.23	3,338.63	2,731.60
Equipment Total	1,271.00	571.95	699.05
Materials Total	7,252.30	3,988.77	3,263.54
Additional Items	880.00	396.00	484.00
Final Total	15,473.53	8,295.34	7,178.19

Allied Rep _____
 Customer Agent: _____

This output does NOT include taxes. Applicable sales tax will be billed on the final invoice.
 Customer hereby acknowledges receipt of the materials and services described above and on the attached documents.
 I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the following page.

X Emilia Rojas
 Customer Signature

Field Ticket Total (USD): **\$7,178.19**



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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
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	T
"Flapper Ins. Ft. Vlv., 8 5/8"" (Blue)	1.00	EA	183.38	183.38	T
Antelope Strd Bow Cent. 8 5/8 X 12 1/4	4.00	EA	94.96	379.85	T
"Cmt Basket, Canvas 7 5/8"	1.00	EA	687.66	687.66	T
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	147.36	147.36	T
Heavy Equipment Mileage	180.00	MI	4.58	825.19	T
Blending & Mixing Service Charge	590.00	BAG	0.92	540.96	T
"Proppant & Bulk Del. Chgs., per ton mil	1,665.00	EA	1.44	2,398.95	T
Depth Charge; 1001'-2000'	1.00	EA	982.37	982.37	T
High Head Charge (Over 6')	1.00	EA	196.47	196.47	T
Plug Container Util. Chg.	1.00	EA	163.73	163.73	T
"Unit Mileage Chg (PU, cars one way)"	60.00	MI	2.78	167.00	T
"Service Supervisor, first 8 hrs on loc.	1.00	EA	114.61	114.61	T

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 5-23-14 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 McBelice #17 WELL NO.:
ADDRESS	COUNTY Gray STATE KS
CITY STATE	SERVICE CREW E Mendora, J DelAvila, C Garcia
AUTHORIZED BY J Bennett JRB	JOB TYPE: 242 8 5/8" Surface

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
34726	8						5-23-14	7:00	
27462	8							9:30	
14385	8							4:00	
13725	8							5:00	
19827	8							6:00	
19883	8								

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 DelAvila*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL101	A-Cen	sk	440		8184 00
CL110	Premium Plus	sk	150		2445 00
CC109	Calcium Chloride	lb	1504		1600 20
CC102	Cellflake	lb	148		547 60
CC130	CS1	lb	83		2075 00
CF253	8 5/8" Guide Shoe	ea	1		380 00
CF453	Insert		1		280 00
CF4405	Centralizer		4		580 00
CF4555	Basket		1		1050 00
CF105	Plug		1		225 00
E101	Heavy Equip. w/ Mileage	mi	180		1260 00
CF240	Blenders + Mixly Grice	sk	590		826 00
E113	Propane + Bulk Delivery	ton	1665		3663 00
CF202	Pump Dept. 1001-2000	hr	1		1500 00
CF503	Wash Head 20"	ea	1		300 00
CF504	Plug Container	ea	1		250 00
E100	Wash Mileage	mi	60		255 00
S003	Service Sprocket	ea	1		175 00

SUB TOTAL **16763.02**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Jack DelAvila* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Jack DelAvila*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Cement Report

Customer	Bengalia Land + Cattle		Lease No.		Date	5-23-14	
Lease	Myles Mc Greller		Well #	1-7	Service Receipt	05819	
Casing	8 5/8" 24#	Depth	1770'	County	Gray	State	KS
Job Type	242 8 5/8" Surface		Formation		Legal Description	7-25-30	

Pipe Data		Perforating Data		Cement Data
Casing size	8 5/8" 24#	Tubing Size		Lead 440 SLR A-Can
Depth	1770'	Depth	From To	
Volume	1150-110 gal	Volume	From To	Tail in 150 Class C
Max Press	1500#	Max Press	From To	
Well Connection	TD-1768'	Annulus Vol.	From To	
Plug Depth	42-55	Packer Depth	From To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					on loc-site assessment
9:45					spot trucks - rig up
11:00					start CSG + float equip
3:00					CSG on botm, break circ
3:30					safety meeting - JSA
4:00					pressure test 2000#
4:00	200		231	5	mix + pump 440 SLR A-Can @ 11.4# = 29.5 gal
4:45	100		36	5	waited to fail 150 SLR Class C @ 14.8# = 1.34 gal
4:40	100		0	5	drop plug, disp CSG
4:35	700		90	2	slow rate
4:55	800		100	1	slow rate
5:00	1300		110	0	land plug, float held circ cut to surface job complete

Service Units	3472	2746.2	14355-37725	19827-19883	
Driver Names	A. Dwyer	E. Mulla	T. Belkita	C. Garcia	

Customer Representative: Walt
 Station Manager: J. Bennett
 Cementer: A. Dwyer
 Taylor Printing, Inc.

Summary of Changes

Lease Name and Number: Myles McGehee 1-7

API/Permit #: 15-069-20464-00-01

Doc ID: 1405135

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	08/19/2016	04/10/2018
CasingAdd_Type_PctP DF_1	CB-APA-40604, CB- ASA	Attached
CasingAdd_Type_PctP DF_2		Attached
CasingNumbSacksUse dPDF_1	200	590
CasingNumbSacksUse dPDF_2		200
CasingPurposeOfString PDF_1	Production	Surface
CasingPurposeOfString PDF_2		Production
CasingSettingDepthPD F_1	5203	1770
CasingSettingDepthPD F_2		5203
CasingSizeCasingSetP DF_1	5.5	8.625

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
CasingSizeCasingSetP DF_2		5.5
CasingSizeHoleDrilledP DF_1	7.875	12.25
CasingSizeHoleDrilledP DF_2		7.875
CasingTypeOfCementP DF_1	CBASA, CBASA	Attached
CasingTypeOfCementP DF_2		Attached
CasingWeightPDF_1	14	24
CasingWeightPDF_2		17
Drill Stem Tests Taken?	No	Yes
Electric Log Run?	No	Yes
Elogs_PDF		Porosity
Field Name	MCGRAW	McGraw
Formation Top Source - Log	No	Yes
Geologist Report / Mud Logs?		No

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
If OWWO - Original Well Name	MYLES MCGEHEE	Myles McGeHee
If OWWO - Original Well Operator Name	BENGALIA LAND & CATTLE CO	Bengalia Land & Cattle Co.
Longitude	MYLES MCGEHEE	Myles McGehee
Operator's Contact Name	CALVIN R HULLUM JR.	Calvin Hullum Jr.
Perf_acid1		Attached
Perf_bridgeplug1depth		Attached
Perf_bridgeplug1type		Attached
Perf_perf1bottom		Attached
Perf_perf1top		Attached
Perf_shots1		Attached
PerforationsRevised		[[dataGrid]]
Producing Formation	MORROW, ATOKA	Pennsylvanian
Production Interval #1	4777-4781	4709

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production Interval #2	4709-4712, 4722-4728, 4733-4736	
Production Interval #3		4777
Purchaser's Name	N/A	
TopsDatum1	+967	-1933
TopsDatum2	+266	-2103
TopsDatum3	-1263	-2153
TopsDatum4	-2088	-2283
TopsDepth1	4408	4770
TopsDepth2	25714770	4940
TopsDepth3	4100	4990
TopsDepth4	4925	5120
TopsName1	LANSING/KANSAS CITY	Morrow
TopsName2	CHASE	St. Louis B

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName3	LANSING	St. Louis C
TopsName4	ST. LOUIS	Spergen-Warsaw
Wellsite Geologist	CRAWFORD	Mark Crawford

Summary of Attachments

Lease Name and Number: Myles McGehee 1-7

API: 15-069-20464-00-01

Doc ID: 1405135

Correction Number: 1

Attachment Name

Microlog

Porosity repeat

DST #1

DST #2

DST #3

DST #4

Density Neutron

Cement Production

Cement Surface