Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1216837

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32699
Name: ZU, LLC
Address 1: 108 W 34TH
Address 2:
City: HAYS State: KS Zip: 67601 + 1629
Contact Person: GREG WHITEHAIR
Phone: (785) 432-0789
CONTRACTOR: License # 33923
Name: Precision Drilling, LLC
Wellsite Geologist: BRUCE BASYE
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 #:

01/19/2014	7/19/2014	7/19/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-159-22766-00-00
Spot Description:
W2 NW NE SE Sec. 15 Twp. 19 S. R. 9 ☐ East ☑ West
2310 Feet from ☐ North / ☑ South Line of Section
1030 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Rice
Lease Name: MEYERS Well #: 1
Field Name:
Producing Formation: LANSING-KANSAS CITY
Elevation: Ground: 1723 Kelly Bushing: 1729
Total Vertical Depth: 3364 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 306 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: 60000 ppm Fluid volume: 700 bbls
Dewatering method used: Evaporated

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: 08/05/2014
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 09/09/2014

[redacted] 1216837

Operator Name: ZU, LLC Lease Name: MEYERS Well #: 1

Sec. 15 Twp. 19 S. R. 9 ☐ East ☑ West County: Rice

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

GAMMA RAY/NEUTRON LOG
SONIC CEMENT BOND LOG

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Attached Top Attached Datum Attached

CASING RECORD ☑ New ☐ 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
SURFACE	12.25	8.625	20	316	COMMON	250	2%GEL3%CC
PRODUCTION	6.75	4.5	11.6	3363	COMMON	175	10%SALT2%GEL2%PLASTER

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

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

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

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

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

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

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

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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	ZU, LLC
Well Name	MEYERS 1
Doc ID	1216837

Tops

Name	Top	Datum
TOPEKA	2464	-735
HEEBNER SH.	2736	-1007
TORONTO	2761	-1032
DOUGLAS SH.	2771	-1042
BROWN LIME	2866	-1137
LKC	2894	-1165
BKC	3170	-1441
ARBUCKLE	3261	-1532
RTD	3364	-1635

SCHIPPER'S OIL FIELD SERVICES, L.L.C. 1211

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
2-19-14	15	19	9			6:00pm	6:30pm

LEASE	WELL #	LOCATION	COUNTY	STATE
Meyers	1		Rice	KS

OLD OR NEW (CIRCLE ONE) — NEW circled

CONTRACTOR Precision Drilling

OWNER

TYPE OF JOB Surface

HOLE SIZE	12 1/4	T.D.	318
CASING SIZE	8 5/8	DEPTH	314
TUBING SIZE		DEPTH	
DRILL PIPE		DEPTH	
TOOL		DEPTH	
PRES. MAX		MINIMUM	
MEAS. LINE		SHOE JOINT	
CEMENT LEFT IN CSG.	22 ft		
PERFS			
DISPLACEMENT	18 3/4		

CEMENT
AMOUNT ORDERED 250sx Com 3% CC 2% gel

		@		
COMMON		@		
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING		@		
MILEAGE				
			TOTAL	

EQUIPMENT

PUMP TRUCK		CEMENTER	Heath
#	01	HELPER	Cody
BULK TRUCK			
#	141	DRIVER	Eric - Mark
BULK TRUCK			
#		DRIVER	

REMARKS:

Ran 12 Jts of 8 5/8 casing and landing it
at circulation
mix 250sx and disp 18 3/4 bbl of H2O - Shut in @ 200ps.
Cement Did Circulate to Surface

SERVICE

		@		
DEPTH OF JOB				
PUMP TRUCK CHARGE				
EXTRA FOOTAGE		@		
MILEAGE	36x2	@		
MANIFOLD		@		
		@		
		@		
			TOTAL	

CHARGE TO: ZU LLC

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
	@		
		TOTAL	

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

PRINTED NAME

SIGNATURE [signature]

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

GLOBAL CEMENTING, L.L.C.

1380

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell KS

DATE	SEC.	TWP	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
7-30-14							

LEASE Meyers WELL # 1 LOCATION

COUNTY Rice STATE KS

OLD OR (NEW) (CIRCLE ONE)

CONTRACTOR Precision Drilling #4
TYPE OF JOB Longstring
HOLE SIZE 7 7/8 T.D. 3564
CASING SIZE 4 1/2 DEPTH 3558
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 1500 PS. MINIMUM 700 PS
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 20'
PERFS.
DISPLACEMENT 55 bbl

OWNER

CEMENT
AMOUNT ORDERED 175 sx com 10% salt 2% gel 2% plaster

COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC @
@
@
@
@
@
@
@
@
HANDLING @
MILEAGE
TOTAL

EQUIPMENT

PUMP TRUCK # P1 CEMENTER Andy
HELPER Brad
BULK TRUCK # B1 DRIVER Eric
BULK TRUCK # DRIVER

REMARKS:

Run 75 jts of 4 1/2 casing and hook up
est. circulation with pump truck - Mix
175 sx - Shut down and plug RH and MH - wash
pump and lines clean - hook up and pump
displacement - lifting pressure @ 750 PS -
plug landed @ 1500 PS - release and float
held
RH = 30 sx MH = 15 sx

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE 43 @
MANIFOLD @
@
@
TOTAL

CHARGE TO: ZCL LLC
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

1 - 4 1/2 AFU Shoe @
1 - 4 1/2 TD [illegible] @
4 - 4 1/2 Cent @
1 - 4 1/2 Basket @
@
TOTAL

Global Cementing, L.L.C.,
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME [signature]

SIGNATURE [signature]

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

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

Kansas
Corporation Commission

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

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

Sam Brownback, Governor

August 12, 2014

GREG WHITEHAIR
ZU, LLC
108 W 34TH
HAYS, KS 67601-1629

Re: ACO-1
API 15-159-22766-00-00
MEYERS 1
SE/4 Sec.15-19S-09W
Rice County, Kansas

Dear GREG WHITEHAIR:

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

The above referenced well was spudded on 01/19/2014 and the ACO-1 was received on August 05, 2014 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department

PIONEER

Pioneer Energy Services

Sonic Cement Bond Log

API No.

15-159-22766-00-00

Company Zu LLC

Well Meyers No. 1

Field

County Rice State Kansas

Location W2-NW-NE-SE
2310' FSL & 1030' FEL

Sec: 15 Twp: 19 S Rge: 9 E

Other Services
GRN

Elevation
K.B. 1729
D.F.
G.L. 1722

Permanent Datum Ground Level Elevation 1722
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Run Number	One	
Date Survey	07/23/2014	
Date Cementing	07/20/2014	
Type Cementing Operation	Primary	
Depth Driller	3364	
Depth Logger	3334	
Logged Interval	3332 to 2100	to
Casing Driller	4.5 @ TD	@
Float Collar -- D.V. Tool	//// ////	
Squeeze Depth	////	
Amount & Type Cement	////	
Amount & Type Admix	////	
Type Fluid In Hole	Water	
Fluid Level	Full	
Salinity PPM CL	////	
Weight lb/gal -- Vis.	//// ////	
Approx. Logged Cement Top	2400	
Calculated Cement Top	////	
Max. Hole Temperature	110	
Tool No.	DR1-6	
Spacing Recorded	3'-5'	
Equipment -- Location	18 Hays	
Recorded By	D. Hagan	
Witnessed By	Greg Whitehair	

<<< Fold Here >>>

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

Comments

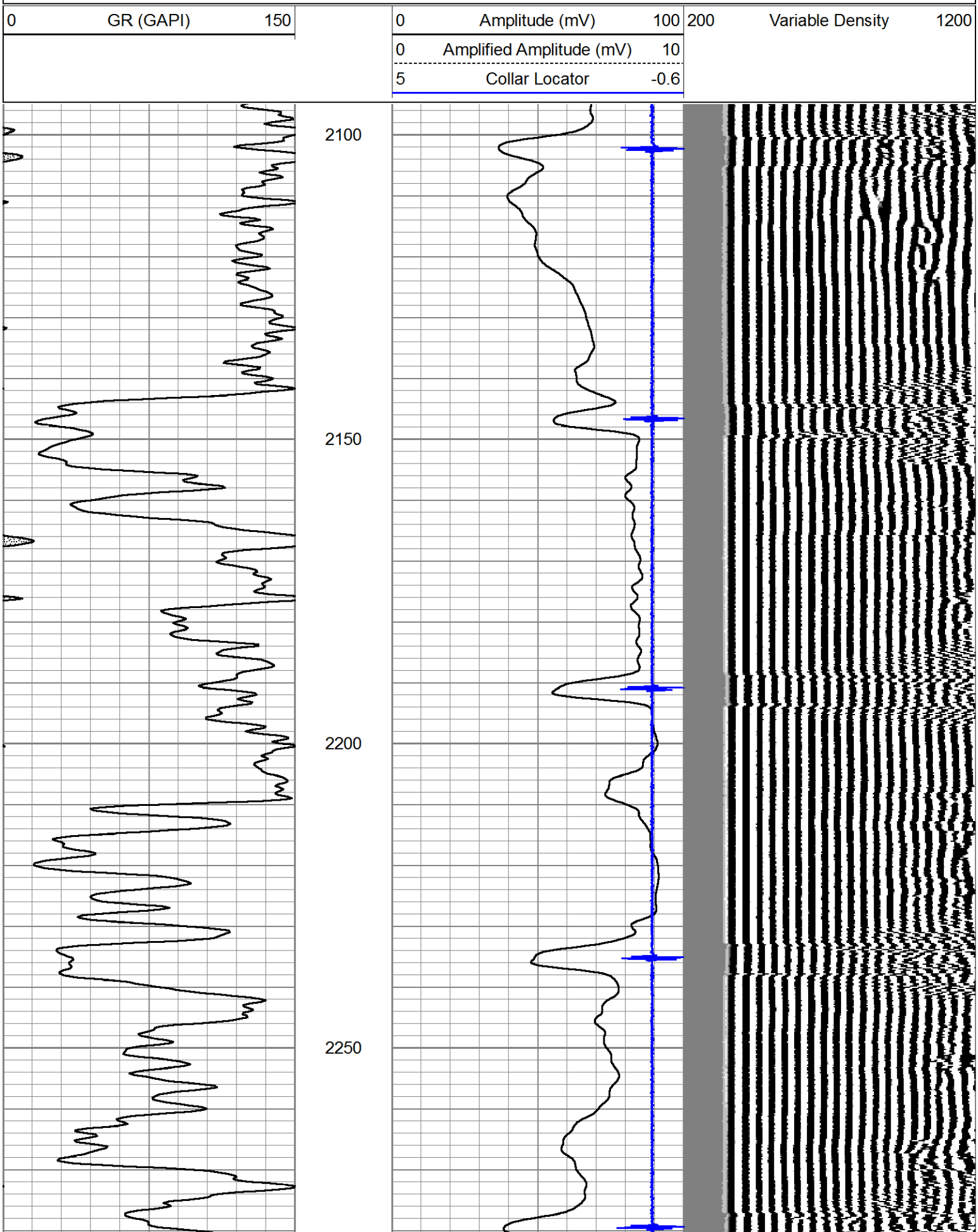
Thank you for using Pioneer Energy Services
785.625.3858

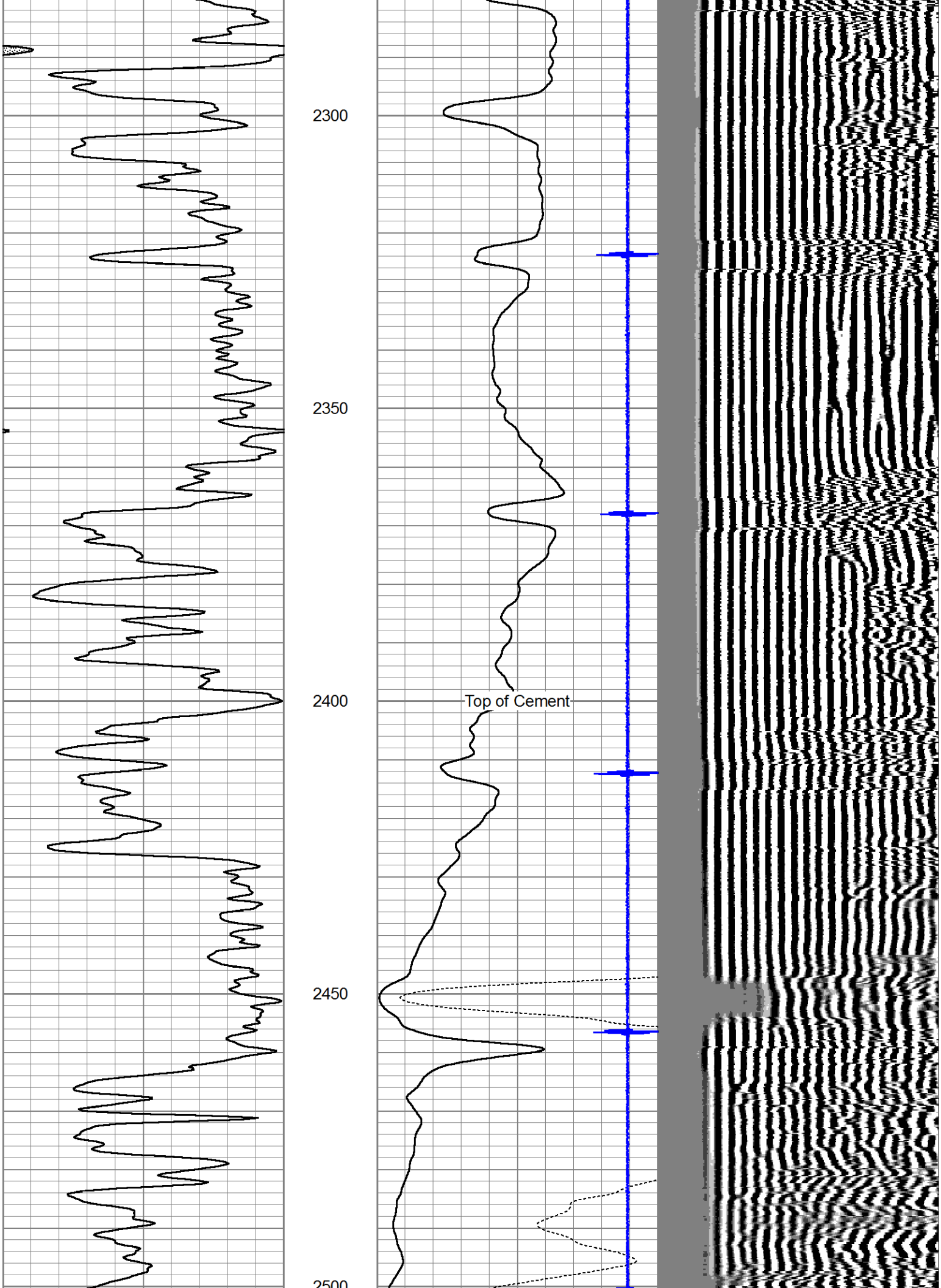
Bushton, Ks. West to Chase Black Top,
South to Ave J, 3 East, 1/2 North,
West into

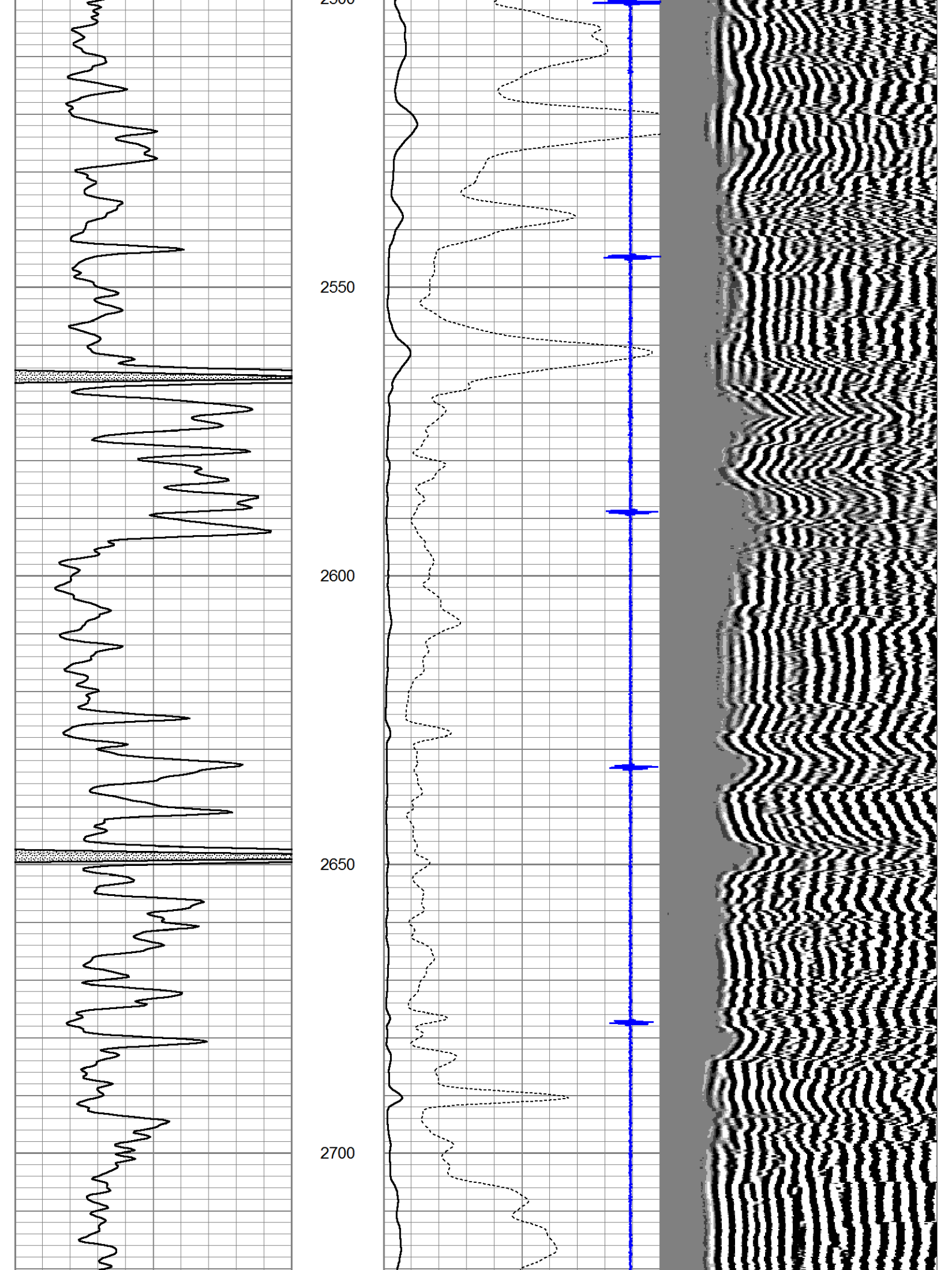
Main Pass

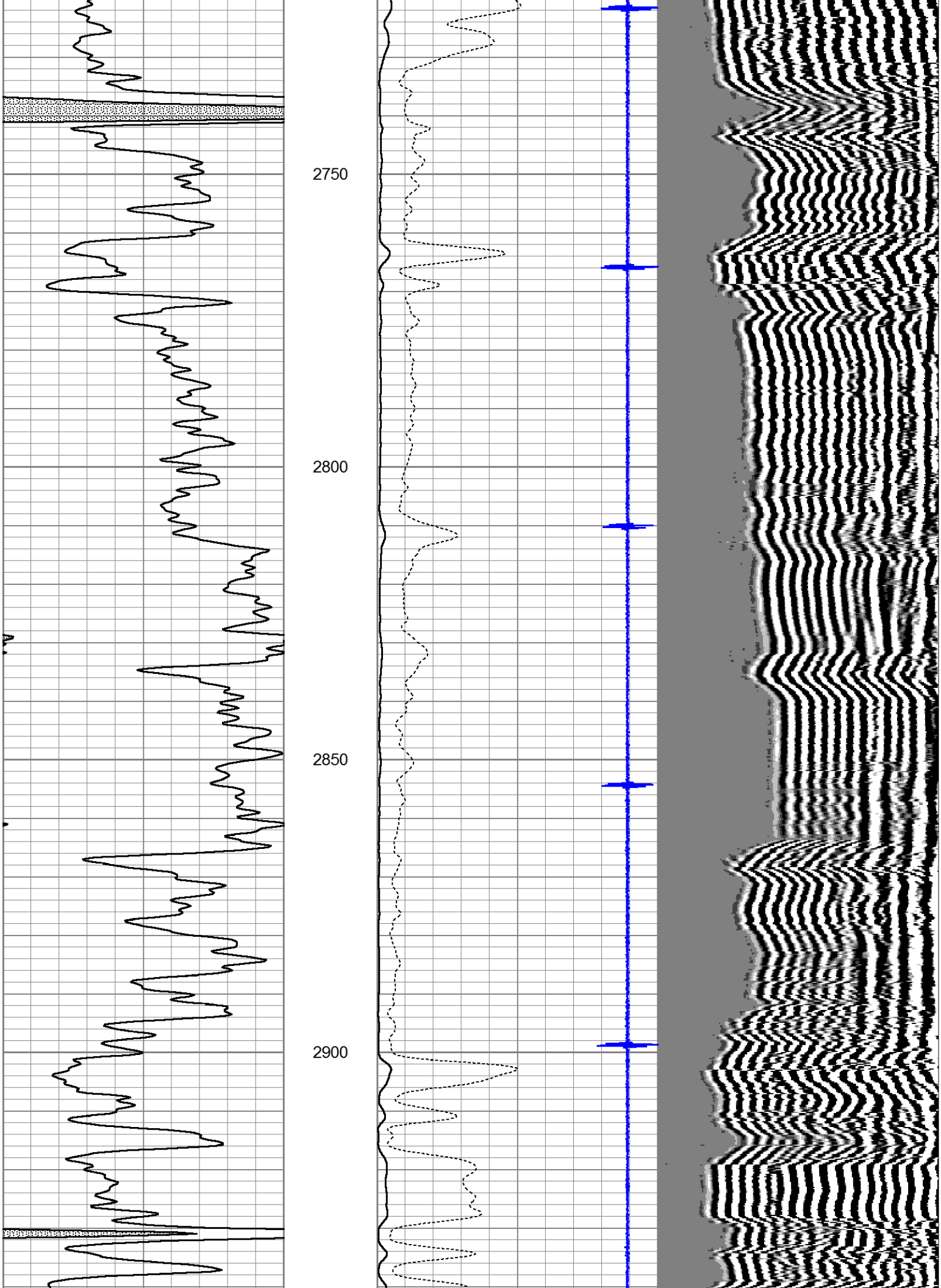
PIONEER
Pioneer Energy Services

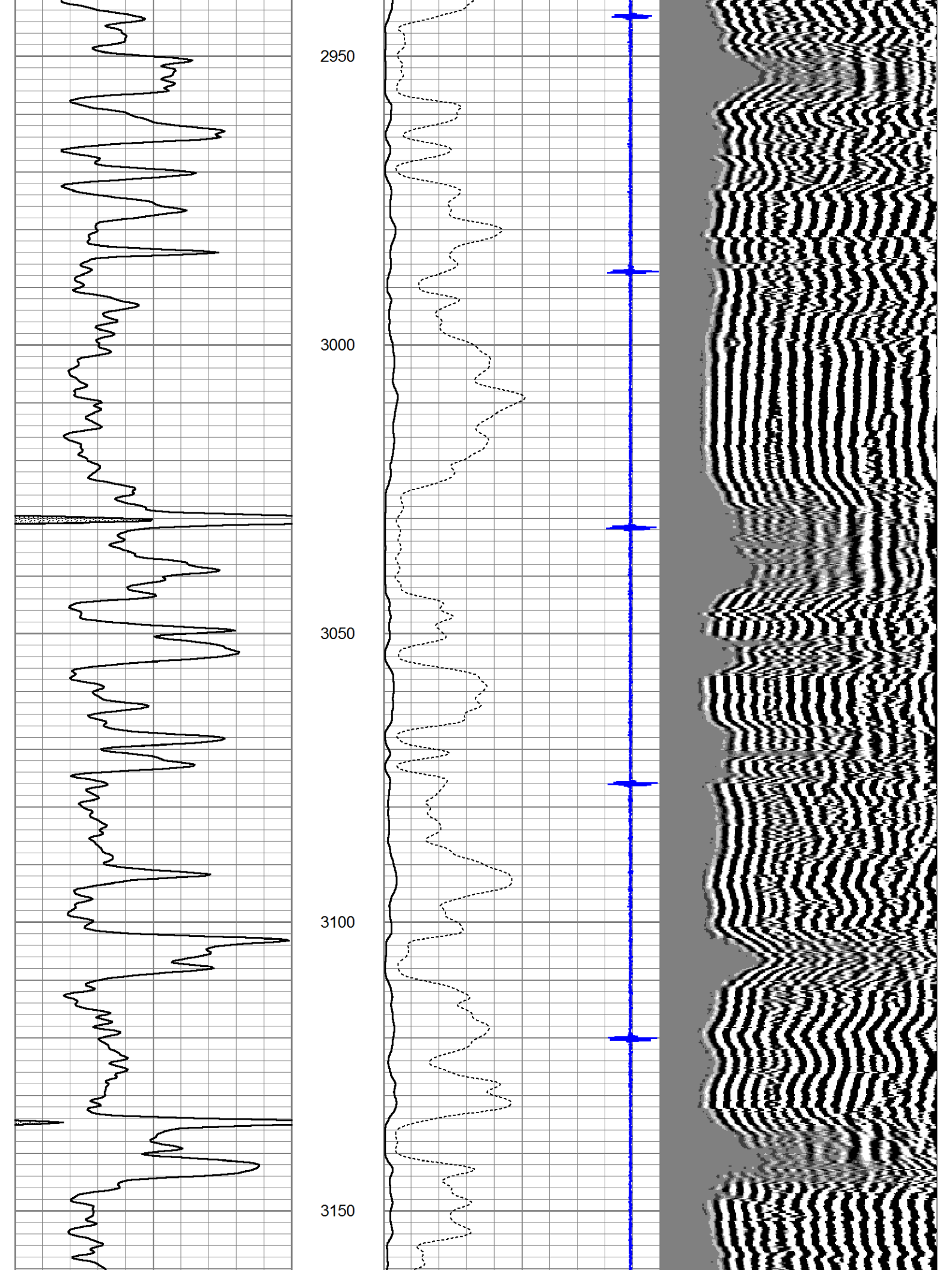
Database File:	zullc_meyers_1.db
Dataset Pathname:	grcbln/pass4
Presentation Format:	cbldig
Dataset Creation:	Wed Jul 23 16:30:29 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

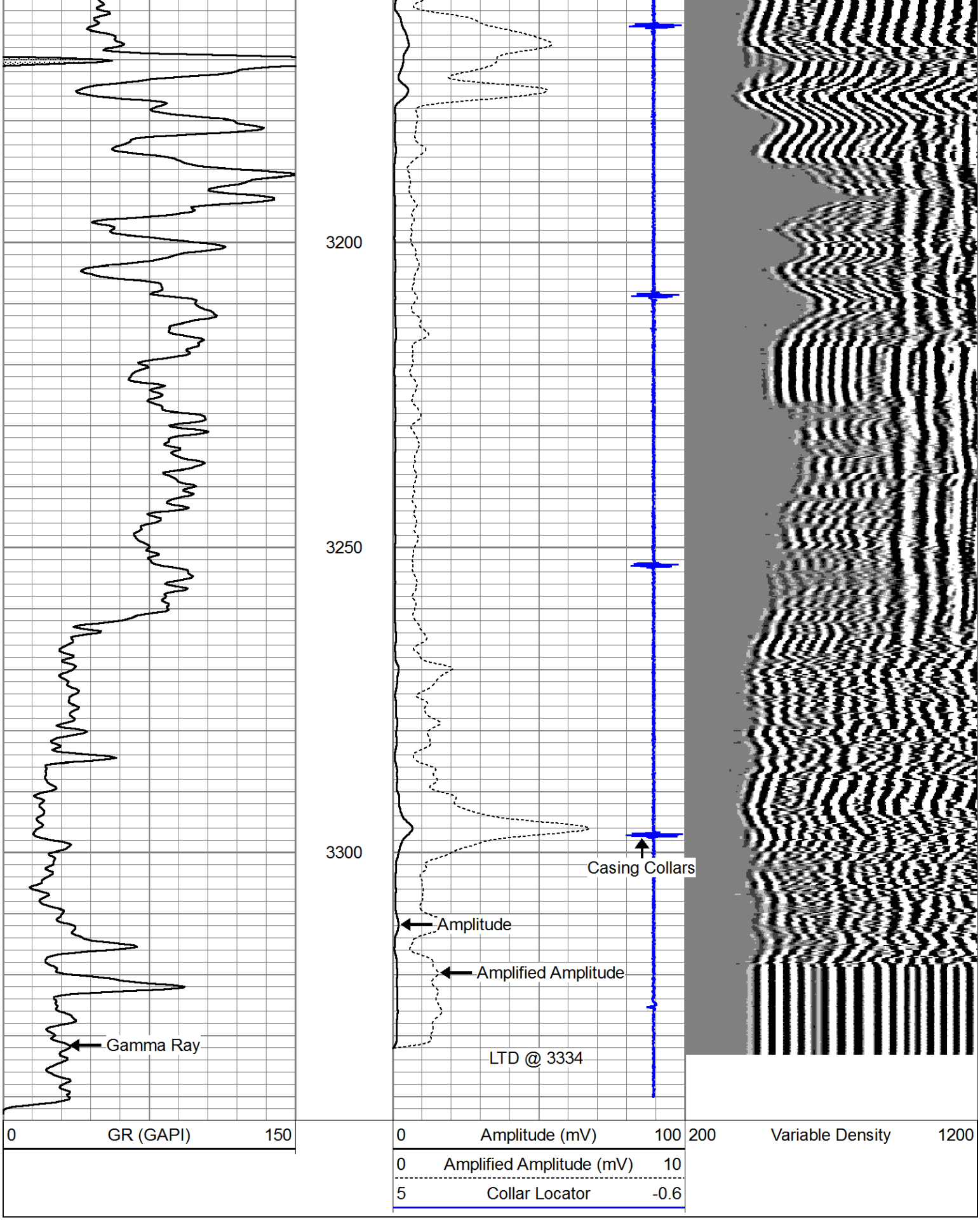



2300
2350
2400
Top of Cement
2450
2500


2550
2600
2650
2700


2750
2800
2850
2900


2950
3000
3050
3100
3150



PIONEER

Repeat Section

Pioneer Energy Services

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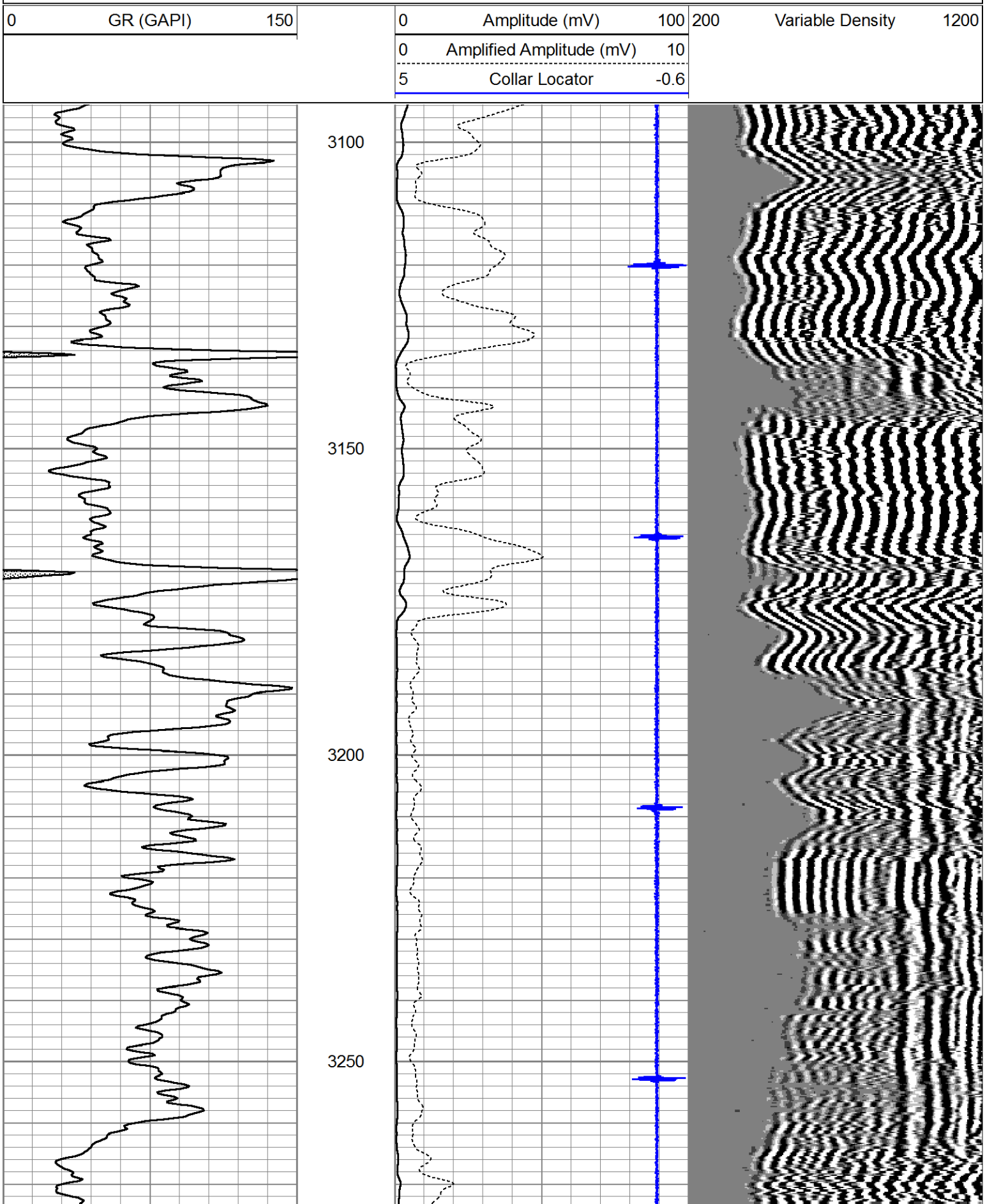
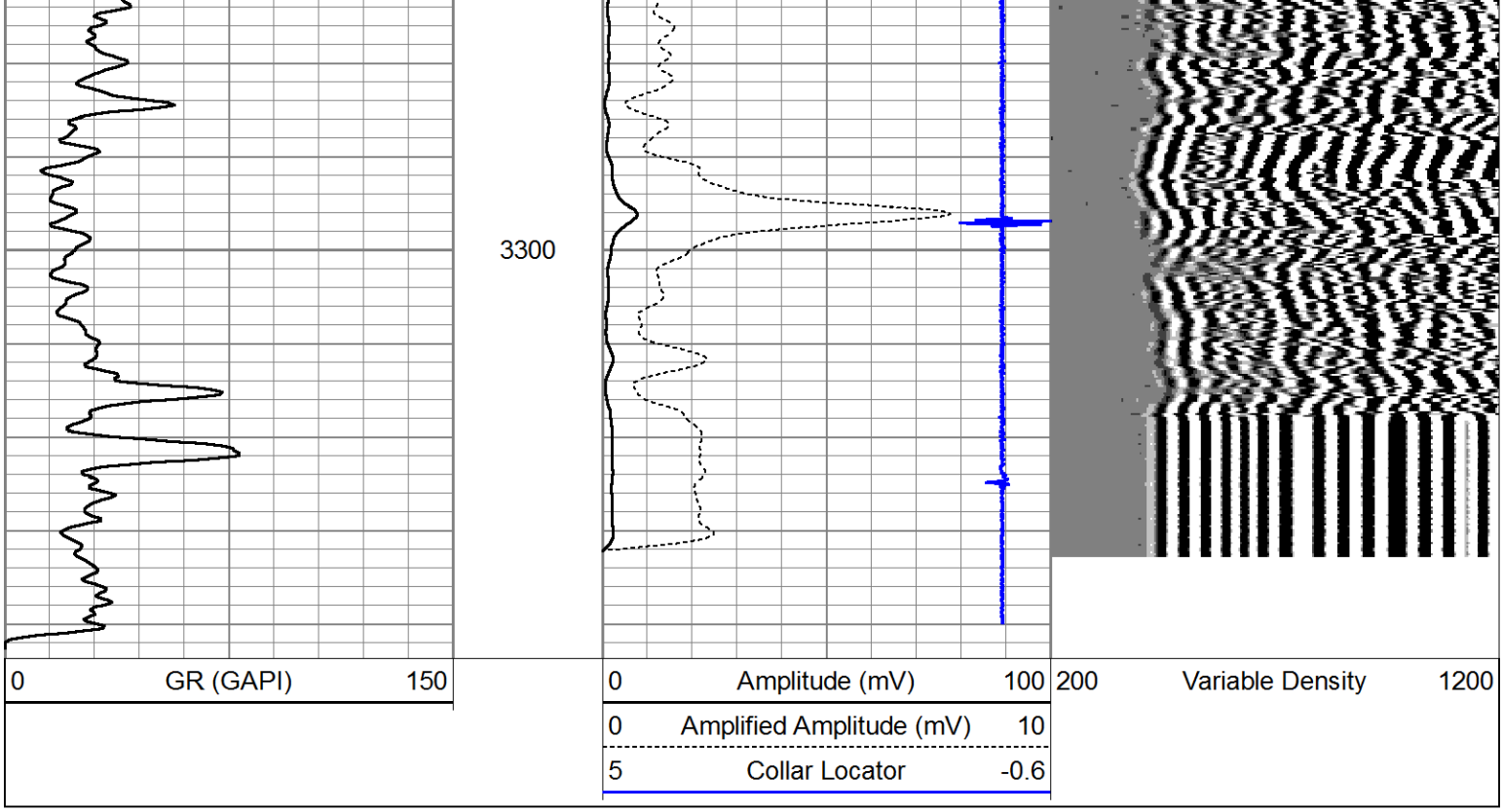
Dataset Creation:	Wed Jul 23 16:22:20 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240




3300
0
GR (GAPI)
150
0
Amplitude (mV)
100
200
Variable Density
1200
0
Amplified Amplitude (mV)
10
5
Collar Locator
-0.6

PIONEER

Pioneer Energy Services

Gamma Ray / Neutron Log

API No.

15-159-22766-00-00

Company Zu LLC

Well Meyers No. 1

Field

County Rice State Kansas

Location W2-NW-NE-SE
2310' FSL & 1030' FEL

Sec: 15 Twp: 19 S Rge: 9 E

Other Services
GRCBL

Elevation
K.B. 1729
D.F.
G.L. 1722

Permanent Datum Ground Level Elevation 1722
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	07/23/2014		
Run Number	One		
Type Log	GRN		
Depth Driller	3364		
Depth Logger	3334		
Bottom Logged Interval	3333		
Top Logged Interval	2100		
Type Fluid In Hole	Water		
Salinity, PPM CL	////		
Density	////		
Level	Full		
Max. Rec. Temp. F	110		
Operating Rig Time	1.5 Hrs.		
Equipment -- Location	18 Hays		
Recorded By	D. Hagan		
Witnessed By	Greg Whitehair		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
				8 5/8		0	306
				4 1/2		0	TD

<<< Fold Here >>>

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Comments

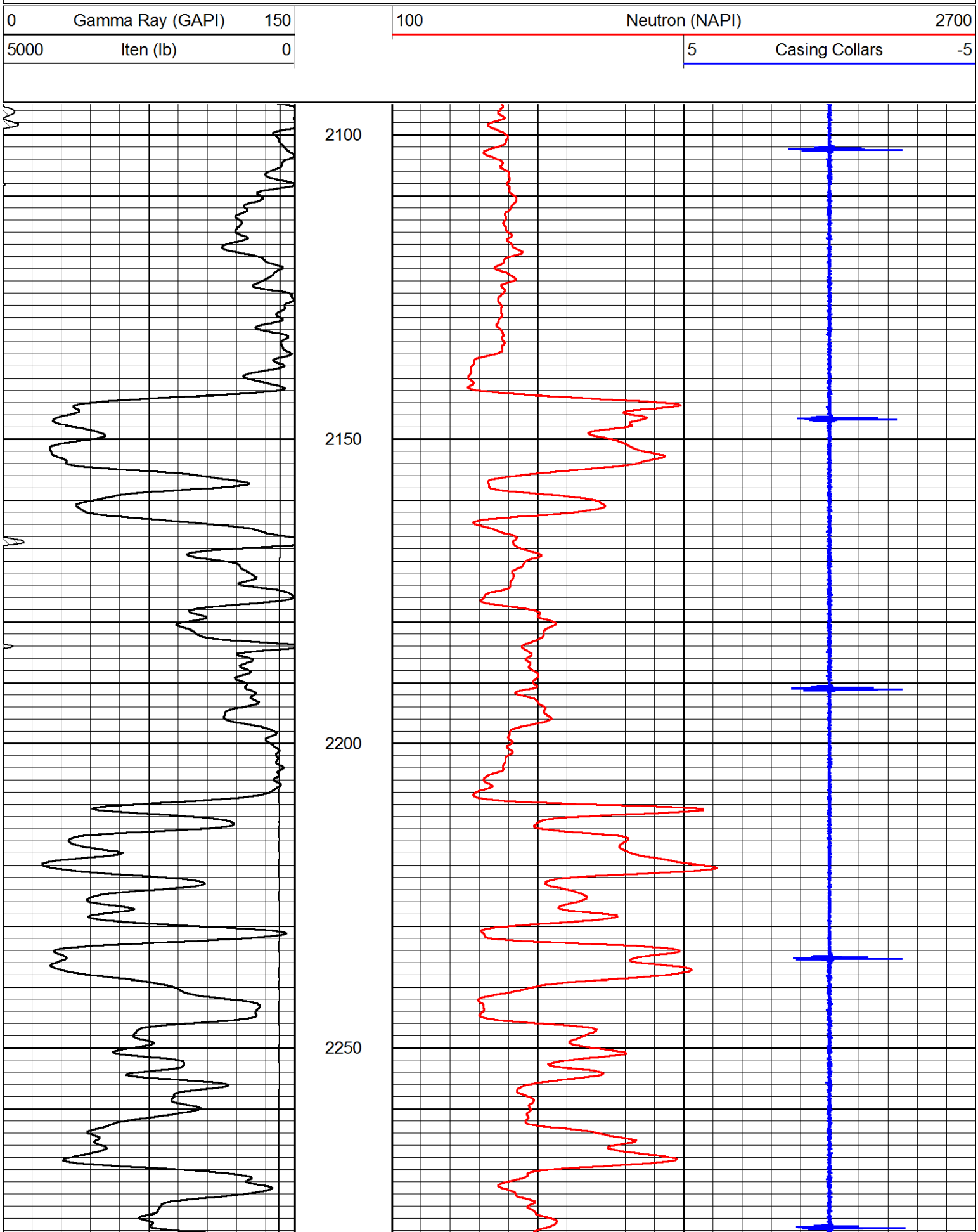
Thank you for using Pioneer Energy Services
785.625.3858

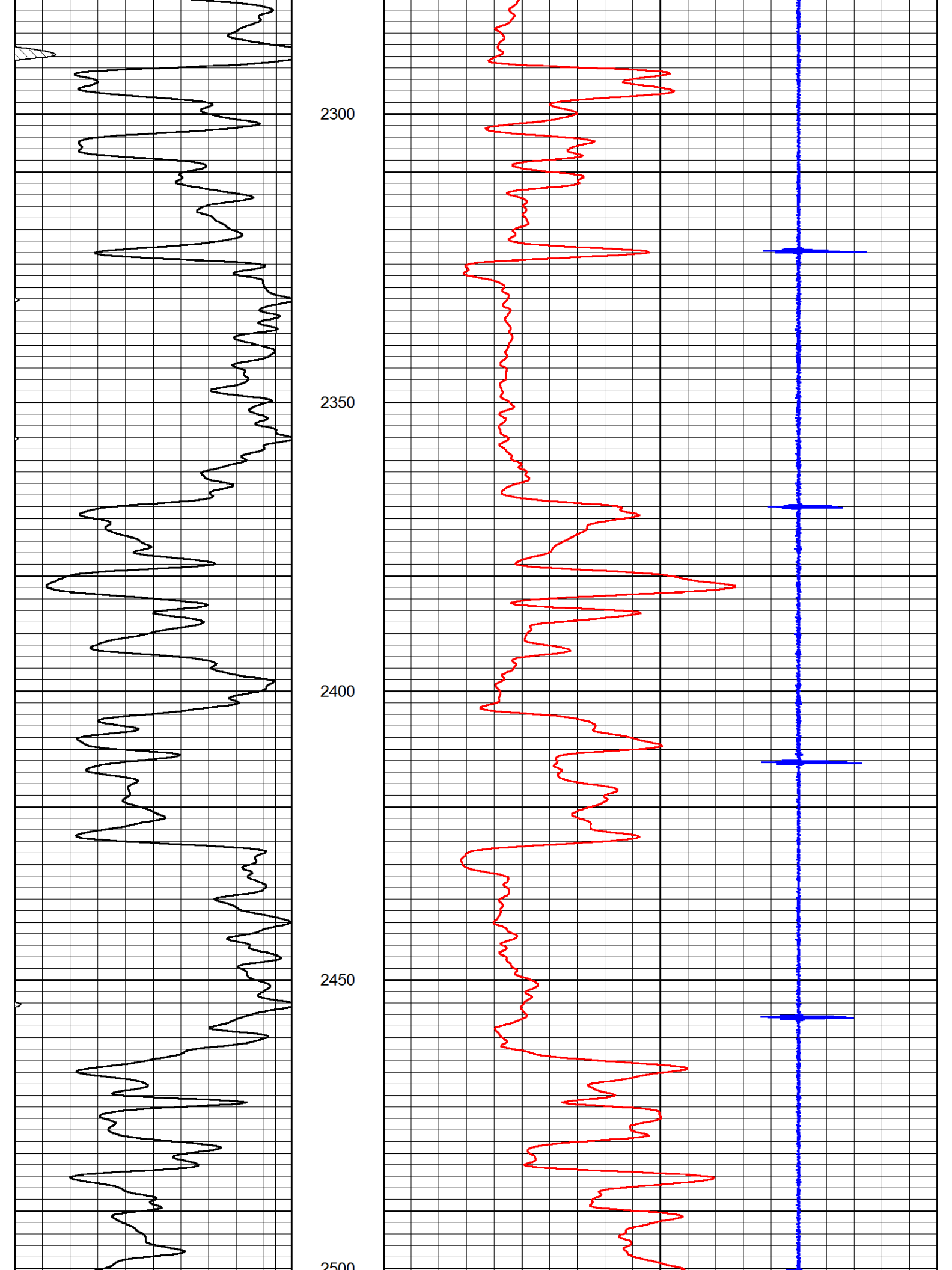
Bushton, Ks. West to Chase Black Top,
South to Ave J, 3 East, 1/2 North,
West into

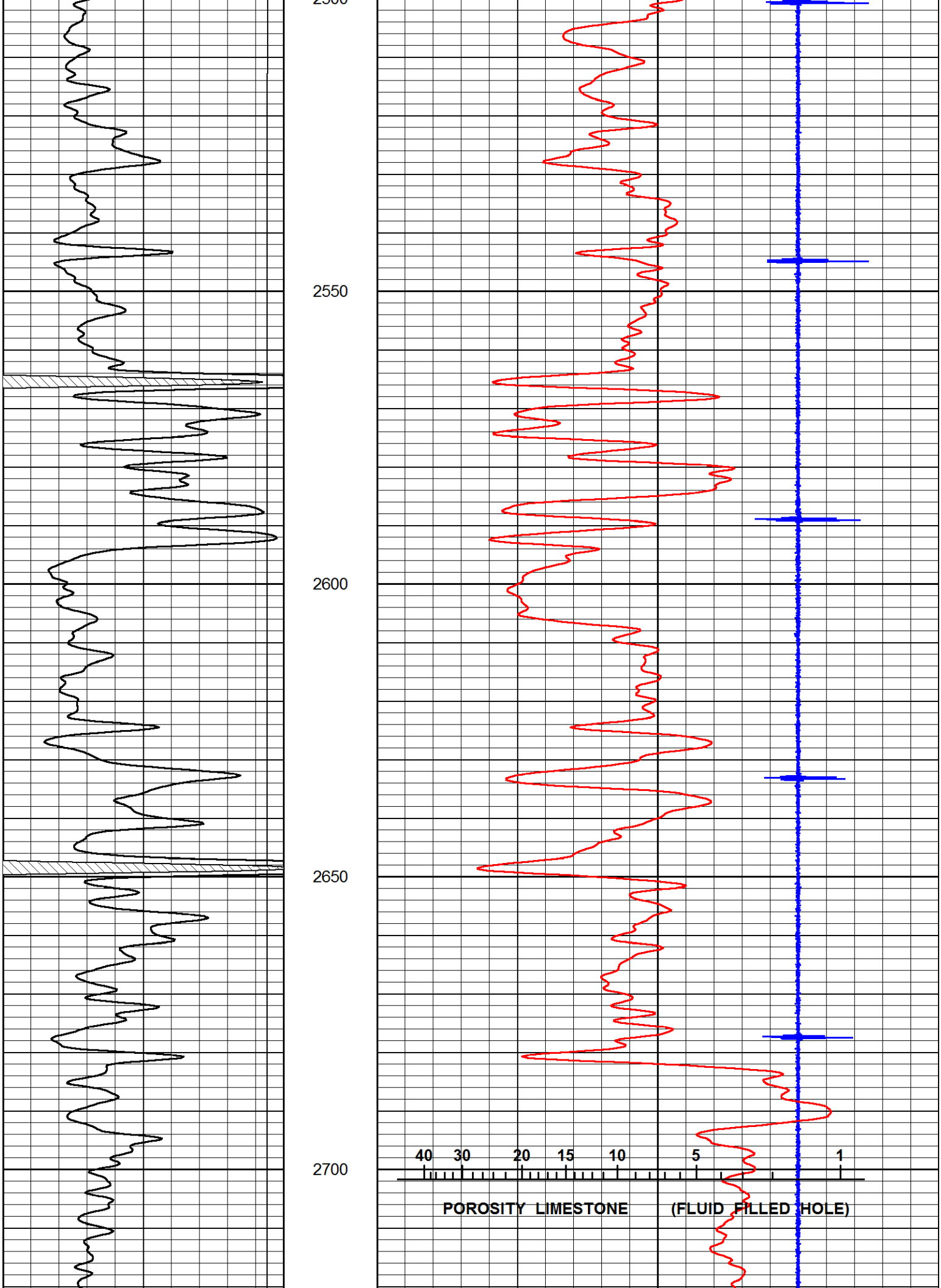
Main Pass

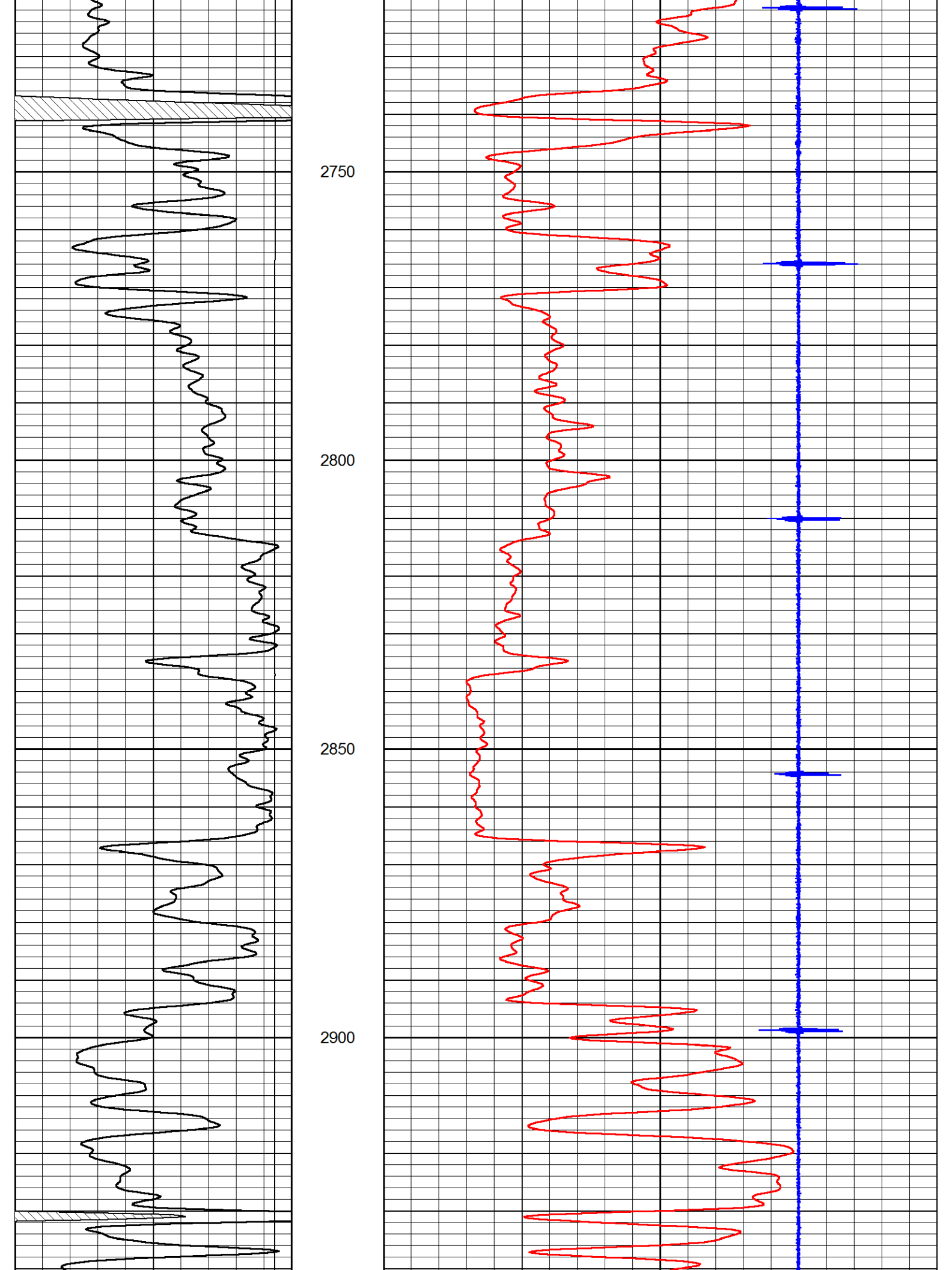
PIONEER
Pioneer Energy Services

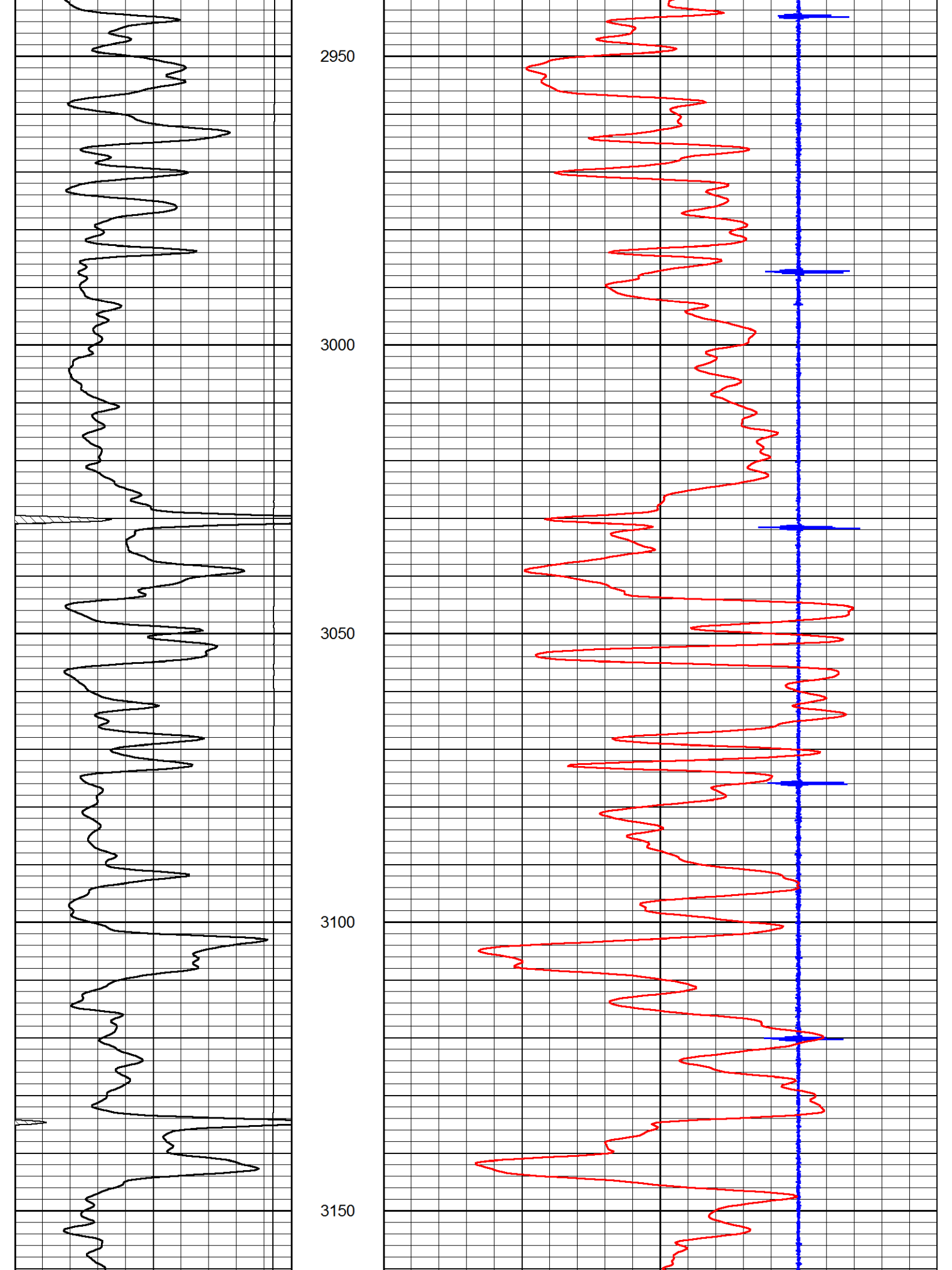
Database File:	zullc_meyers_1.db
Dataset Pathname:	grn/pass2
Presentation Format:	gr-ccl
Dataset Creation:	Wed Jul 23 17:24:06 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

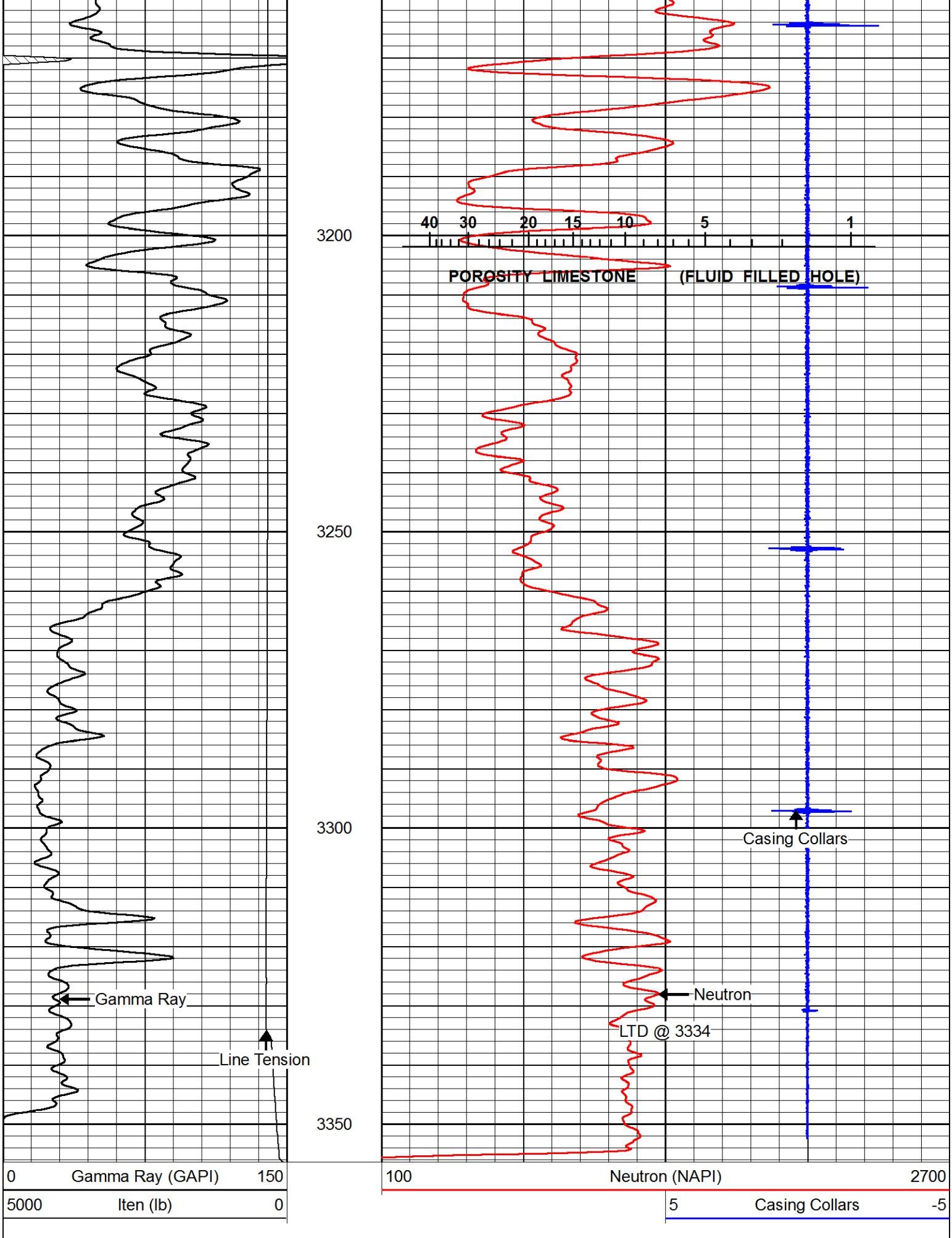



2300
2350
2400
2450
2500


2550
2600
2650
2700
40
30
20
15
10
5
1
POROSITY LIMESTONE
(FLUID FILLED HOLE)


2750
2800
2850
2900

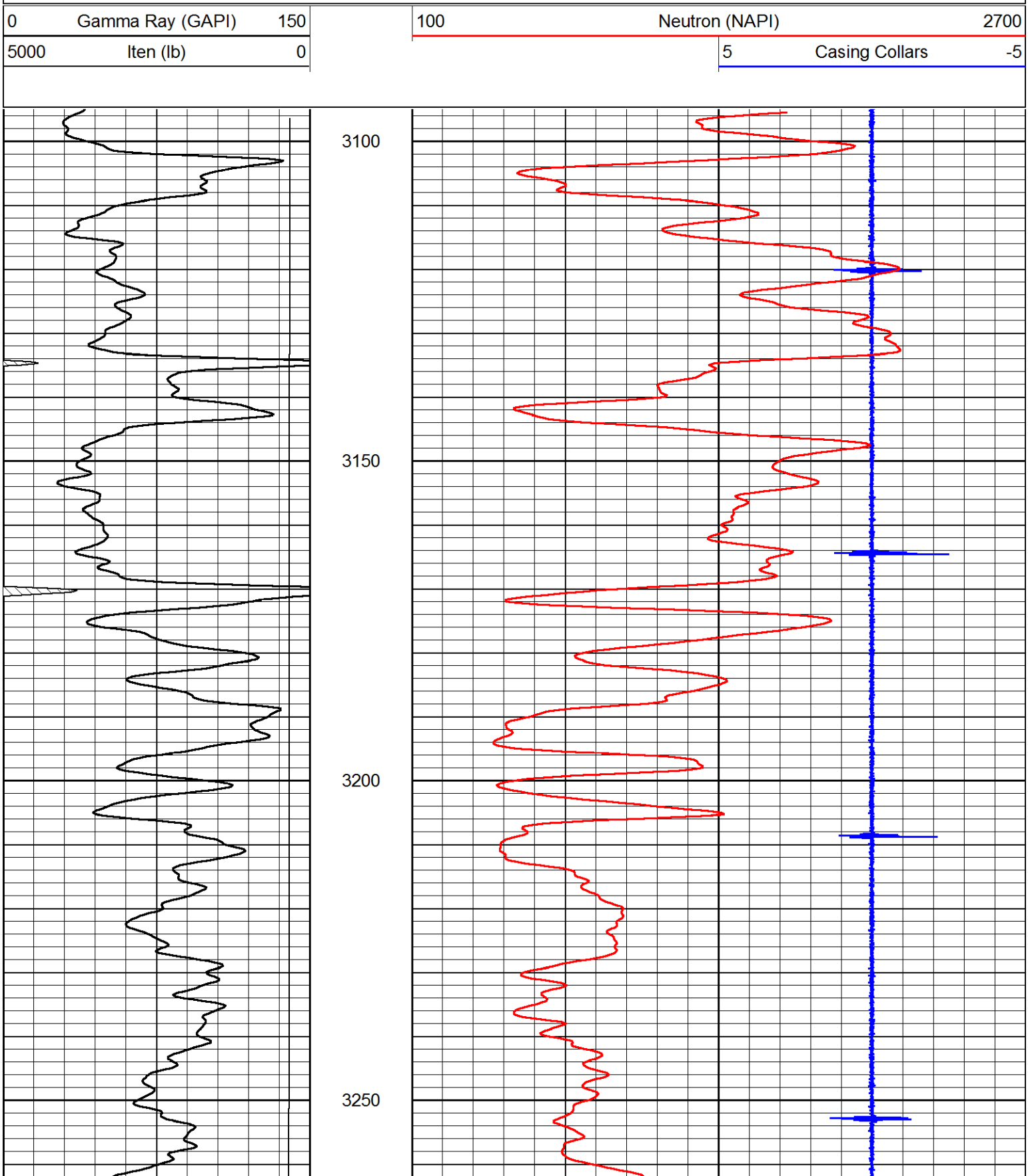

2950
3000
3050
3100
3150

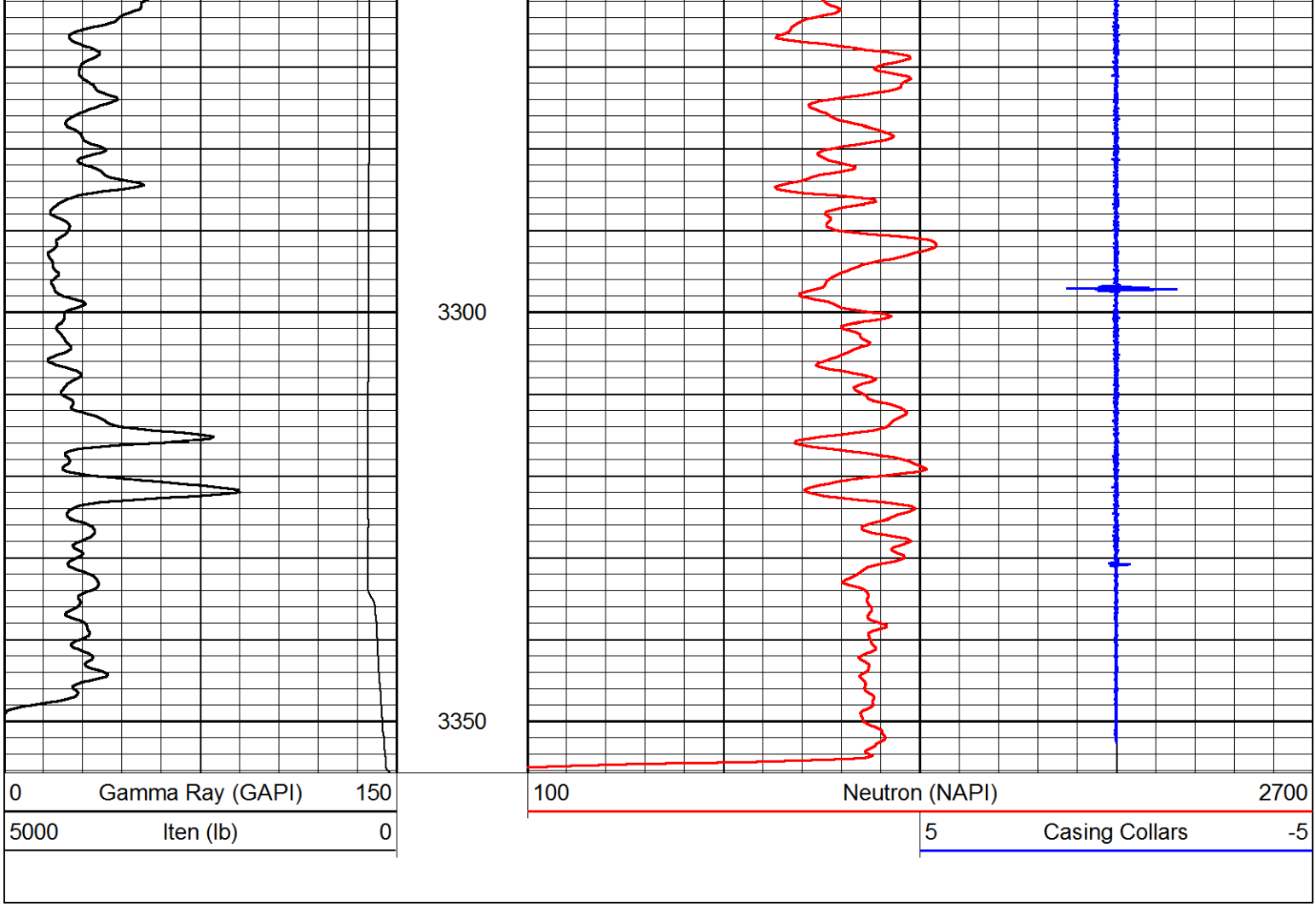

40 30 20 15 10 5 1
POROSITY LIMESTONE (FLUID FILLED HOLE)
3200
3250
3300
3350
Casing Collars
Gamma Ray
Line Tension
Neutron
LTD @ 3334
0 Gamma Ray (GAPI) 150
5000 lten (lb) 0
100 Neutron (NAPI) 2700
5 Casing Collars -5

PIONEER
Pioneer Energy Services

Repeat Section

Database File:	zullc_meyers_1.db
Dataset Pathname:	grn/pass1.1
Presentation Format:	gr-ccl
Dataset Creation:	Wed Jul 23 18:26:13 2014 by Calc 7.0 B1
Charted by:	Depth in Feet scaled 1:240




3300
3350
0
Gamma Ray (GAPI)
150
5000
Iten (lb)
0
100
Neutron (NAPI)
2700
5
Casing Collars
-5