Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1198020

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 # 34933
Name: Evertson Operating Company, Inc.
Address 1: 4362 E Hwy 30
Address 2: PO BOX 397
City: KIMBALL State: NE Zip: 69145 + _ _ _ _
Contact Person: Tanya Thacker
Phone: (308) 235-4871
CONTRACTOR: License # 32701
Name: C & G Drilling, Inc.
Wellsite Geologist: Goolsby Brothers and Associates
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 #:

12/02/2013	12/08/2013	12/09/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-149-20069-00-00
Spot Description:
_ - NW - NW - NE Sec. 7 Twp. 7 S. R. 12 ☑ East ☐ West
330 Feet from ☑ North / ☐ South Line of Section
2310 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: Pottawatomie
Lease Name: Gilsdorf Well #: 31-7
Field Name:
Producing Formation: Simpson/Viola
Elevation: Ground: 1316 Kelly Bushing: 1323
Total Vertical Depth: 3285 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 302 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: 800 ppm Fluid volume: 3000 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: 04/05/2014
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 05/09/2014

[redacted] 1198020

Operator Name: Evertson Operating Company, Inc. Lease Name: Gilsdorf Well #: 31-7

Sec. 7 Twp. 7 S. R. 12 ☑ East ☐ West County: Pottawatomie

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:

Attached

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

Name	Top	Datum
Attached	Attached	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	5.625	24	302	J-55	200	

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	Evertson Operating Company, Inc.
Well Name	Gilsdorf 31-7
Doc ID	1198020

All Electric Logs Run

Induction SFL
Composite Log
Compensated Neutron
Sonic

Form	ACO1 - Well Completion
Operator	Evertson Operating Company, Inc.
Well Name	Gilsdorf 31-7
Doc ID	1198020

Tops

Name	Top	Datum
Heebner	1036	
Lansing	1222	
Mississippian	2108	
Kinderhook	2128	
Hunton	2356	
Maquekota	2922	
Viola	2998	
Simpson Top	3094	
Simpson Sand	3152	
Granite Wash	3224	

Tucker ENERGY SERVICES

COMPENSATED NEUTRON

PEL DENSITY MICRO LOG

Company	EVERTSON OPERATING COMPANY
Well	GILSDORF #31-7
Field	WILDCAT
County	POTTAWATOMIE
State	KANSAS
Country	USA
API No.	15-149-20069-0000

File No : TUL-59178
Company : EVERTSON OPERATING COMPANY, INC.
Well : GILSDORF #31-7
Field : WILDCAT
County : POTTAWATOMIE
State : KANSAS
Country : USA
API No : 15-149-20069-0000

Location :
330' FNL & 2310' FEL
NW NW NE

LSD : **Sect :** 7 **Twp :** 7S **Rge :** 12E

Permanent Datum:	GL	**Elevations:**		**Services:**	
Drilling Measured From:	KB	**KB**	1323.00 Ft	CNT	CST
Log Measured From:	KB	**DF**	1322.00 Ft	LDT	PIT
Above Permanent Datum:	9.00 Ft	**GL**	1314.00 Ft	MLT	

Date	12-08-2013			
Run Number	1			
Depth--Driller	3285.0 Ft			
Depth--Logger	3280.0 Ft			
First Reading	3248.0 Ft			
Last Reading	302.0 Ft			
Casing--Driller	302.0 Ft			
Casing--Logger	302.0 Ft			
Bit Size	7.875 In			
Casing Size	8.625 In			
Hole Fluid Type	CHEM-GEL			
Density	9.1			
Fluid Loss	6.4			
PH/Viscosity	9.5	64.0		
Sample Source	MEASURED			
RM@Measured Temp.	2.000 @ 50 F			
RMF@Measured Temp	1.600 @ 50 F			
RMC@Measured Temp.	2.400 @ 50 F			
Source RMF/RMC	CALCULATED	CALCULATED		
RM@BHT	0.980 @ 108 F			
Time Circulation Stopped	12-08-2013 3:30 pm			
Max Recorded Temp.	108 F			
Equipment/Base	126	TULSA		
Recorded By	SHELDON TYLER			
Witnessed By	STEVEN SCHINDLER			

The customer is hereby warned that by providing the log data herein, T. E. S. does not agree to provide any interpretation of log data, conversion of log data to physical rock parameters or recommendations. T. E. S. does not guarantee or warrant either expressly or impliedly, the accuracy of any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by T. E. S. personnel. Any interpretation, conversion or recommendation is not part of the consideration for the agreement between the parties and is not part of any part of the charge by T. E. S. for its services. Any user of the log data is warned that said user is not entitled to rely on interpretations, conversions or recommendations as aforesaid.

Bitsize Intervals

Size (In)	Bottom (Ft)
7.875	3285.00

Casing Strings

Size (In)	Weight (Lbs)	Bottom (Ft)	Top (Ft)
8.625	32.00	302.00	0.00

Run Number	1
Date	12-08-2013
Date/Time On Bottom	12-08-2013 5:30 pm
Depth to Fluid	0.0 Ft
Salinity	400.000
RMF@BHT	0.780 @ 108 F
RMC@BHT	1.180 @ 108 F

Run Number 1

Comments

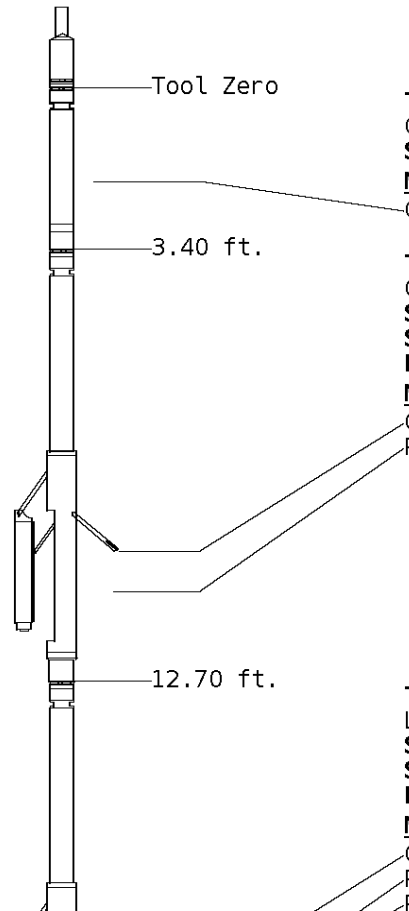
ALL PRESENTATIONS AS PER CUSTOMER REQUEST
GRT, CNT, LDT, MLT, CST AND PIT RUN IN COMBINATION.
CALIPERS ORIENTED ON X-Y AXIS.
2.71 G/CC USED TO CALCULATED POROSITY.
ANNULAR HOLE VOLUME CALCULATED UISING 5.500" PRODUCTION CASING.
PHIN IS CALIPER CORRECTED

GRT: GRP.
CNT: PHIN, CLCNIN.
LDT: PORL,LCORN,PECLN,LDENN,PORLLS,CLLDIN.
MLT: NOR_RF, INV_RF, MSCLPIN.
CST: PORS, CDTF, TT1PF, TT2PF, TT3PF. TT4PF, ITT.
PIT: ILD, ILM, SPU, SFLAEC, CIRD

OPERATORS:
J.JOHNSON
A. DJAHO

Tool String Schematic

Total Tool Length - 66.95 **ft.**
Maximum Outside diameter - 6.00 **in.**
Net Weight in Air - 1171.00 **lbs.**



Tool: GRT-B **Length:** 3.40 **ft.** **O.D.** 3.60 **in.**
Gamma Ray Controller
Sonde ID :GRT-BB-117

Measure Point	Tool Offset	Stack Offset	Bottom Offset
GRP	2.00	2.00	64.95

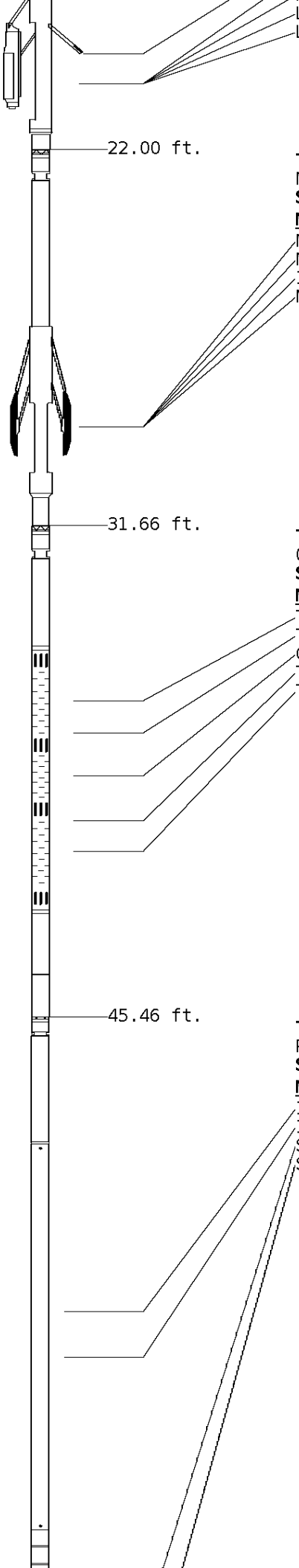
Tool: CNT-AA **Length:** 9.30 **ft.** **O.D.** 4.36 **in.**
Compensated Neutron A Pad on NDT-A
Sonde ID :NDT-BB-033
Source ID :N-1048
Pad ID :CNP-AA-115

Measure Point	Tool Offset	Stack Offset	Bottom Offset
CLCN	6.00	9.40	57.55
PHIN	6.80	10.20	56.75

Tool: LDT-DA **Length:** 9.30 **ft.** **O.D.** 4.80 **in.**
Litho Density D Pad on NDT-A
Sonde ID :PDT-GA-466
Source ID :1902GW
Pad ID :LDP-DA-01

Measure Point	Tool Offset	Stack Offset	Bottom Offset
CLLD	6.00	18.70	48.25
PEL	7.00	19.70	47.25
PES	7.40	20.10	46.85

LDEN	7.20	19.90	47.05
LCOR	7.20	19.90	47.05



22.00 ft.

Tool: MST-DA **Length:** 9.66 **ft.** **O.D.** 6.00 **in.**
Micro Spherically Focused (IC)
Sonde ID :MST-DA-32

Measure Point	Tool Offset	Stack Offset	Bottom Offset
MSFL	7.60	29.60	37.35
MSCLP	7.60	29.60	37.35
INV	7.60	29.60	37.35
NOR	7.60	29.60	37.35

31.66 ft.

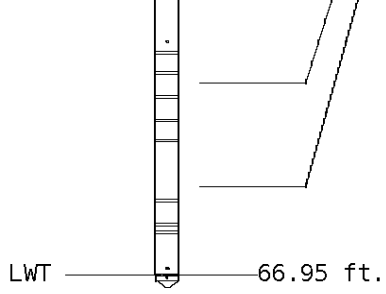
Tool: CST-AD **Length:** 13.80 **ft.** **O.D.** 3.60 **in.**
Open Hole Sonic
Sonde ID :CST-AB-012

Measure Point	Tool Offset	Stack Offset	Bottom Offset
TT1	4.80	36.46	30.49
TT3	5.80	37.46	29.49
CDT	7.30	38.96	27.99
TT4	8.80	40.46	26.49
TT2	9.80	41.46	25.49

45.46 ft.

Tool: PIT-CA **Length:** 21.49 **ft.** **O.D.** 3.62 **in.**
Phased Dual Induction w/ RM & D
Sonde ID :PIT-AB-16

Measure Point	Tool Offset	Stack Offset	Bottom Offset
ILD	8.92	54.38	12.56
ILM	10.10	55.56	11.39
SFLU	17.49	62.95	4.00
SP	20.60	66.06	0.88



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CALIPER MICRO INCHES (IN)
16 — 26
6 — 16

BIT SIZE INCHES (IN)
6 — 16

NEUTRON (Y) CALIPER INCHES (IN)
16 — 26
6 — 16

NORMAL OHMM
0 — 40

INVERSE OHMM
0 — 40

DENSITY (X) CALIPER INCHES (IN)
16 — 26
6 — 16

Volume Quartz

PE CROSS-SECTION BARNS/ELECTRON
0 — 10

DENSITY CORRECTION G/CC
-0.25 — 0.25

TENSION LBS
10000 — 0

Volume Calcite

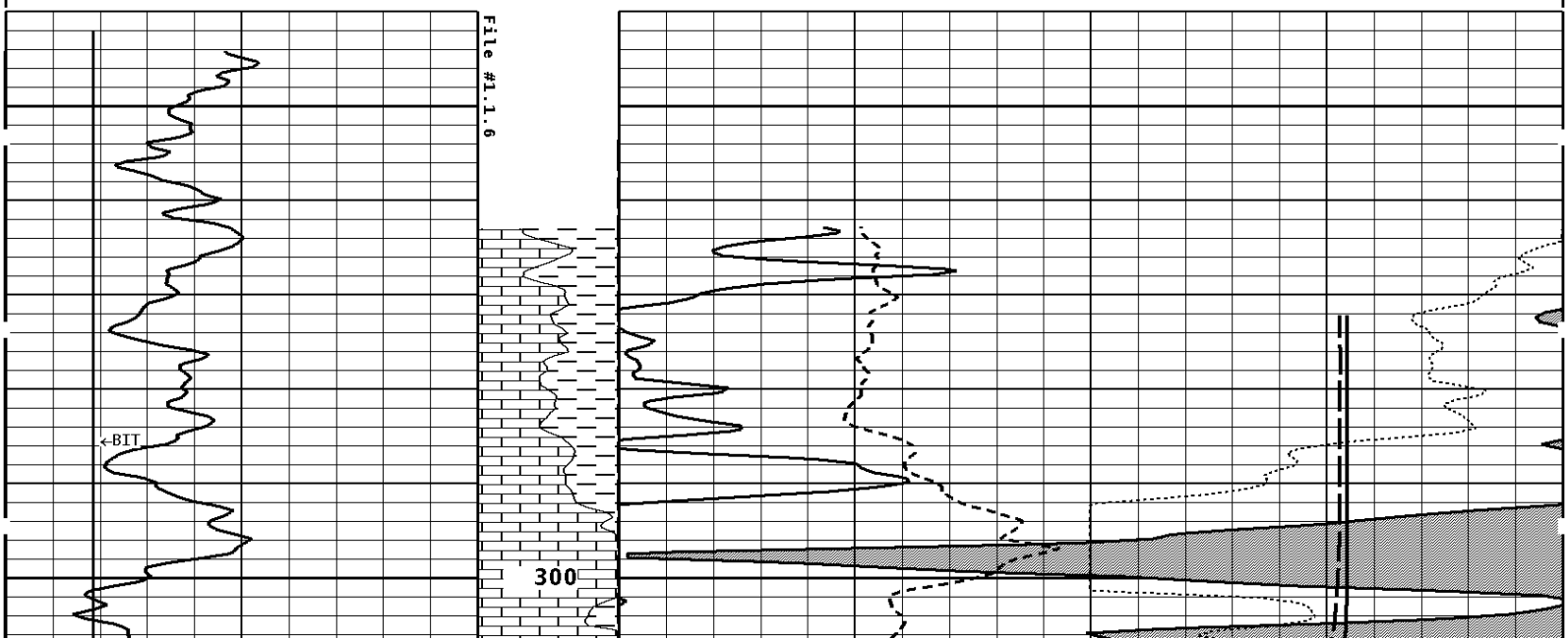
DENSITY POROSITY (2.71g/cc) PERCENT
70 — 30
30 — -10
-10 — -50

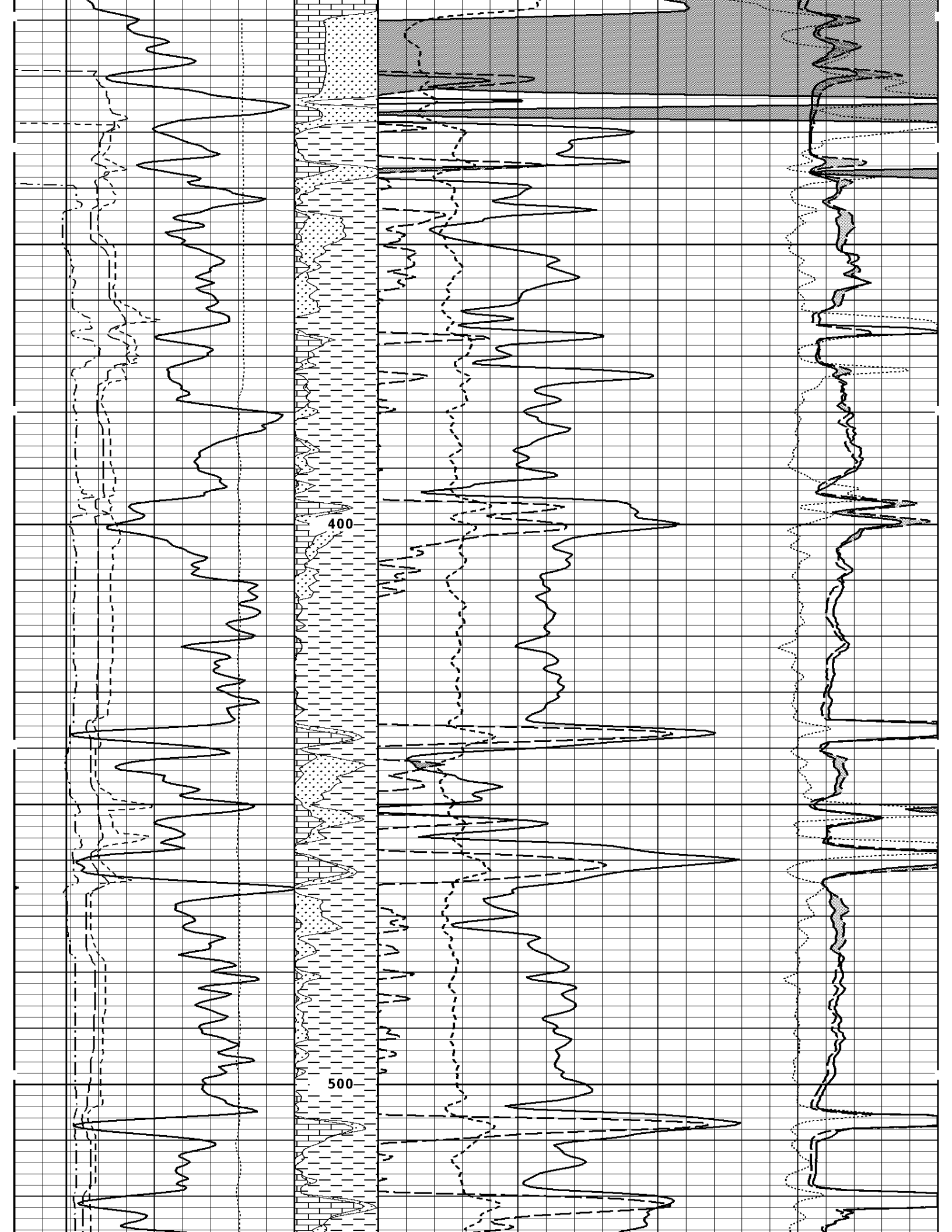
GAMMA RAY API UNITS
150 — 300
0 — 150

Volume Dolo/Shale

NEUTRON POROSITY (LIMESTONE) PERCENT
30 — -10

1:240 MAIN SECTION

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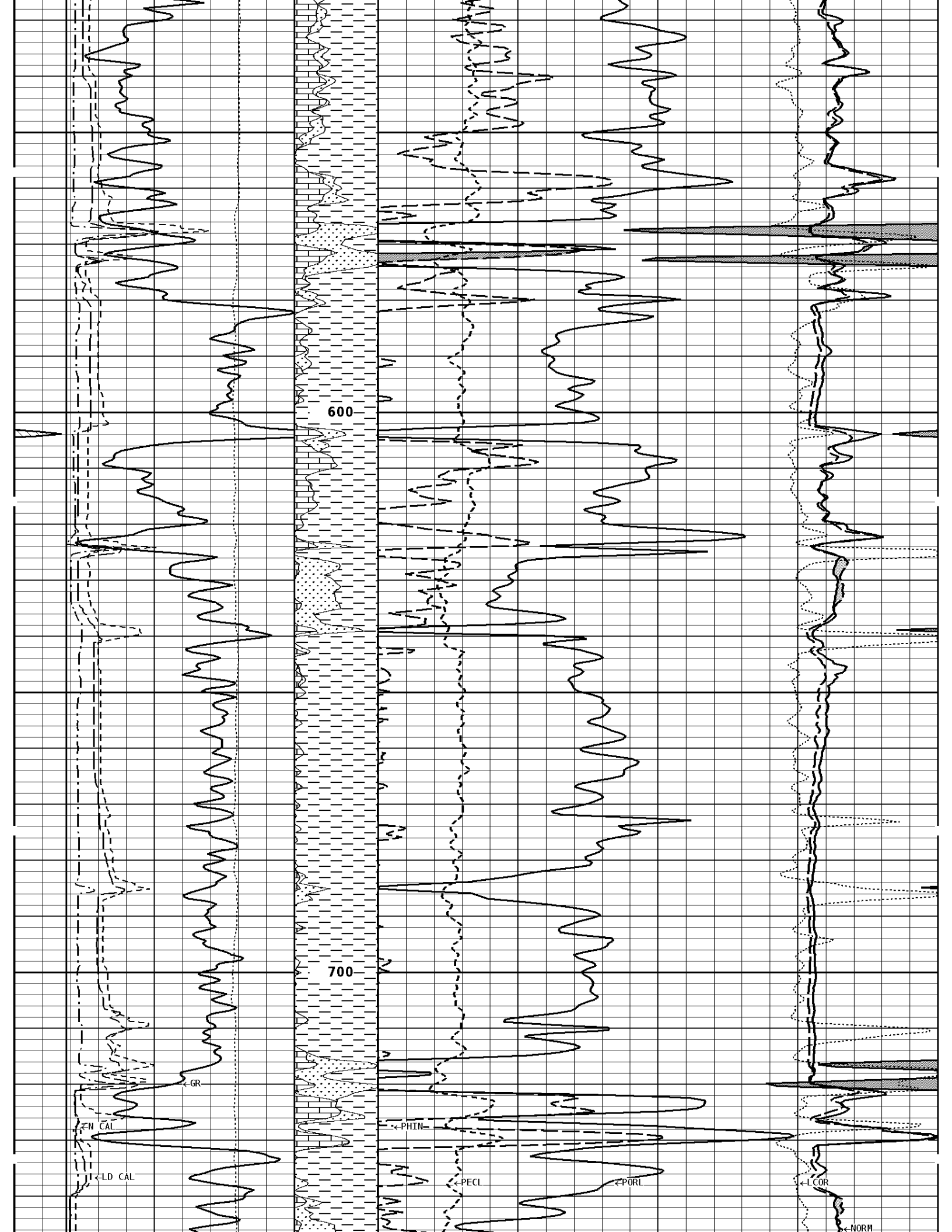
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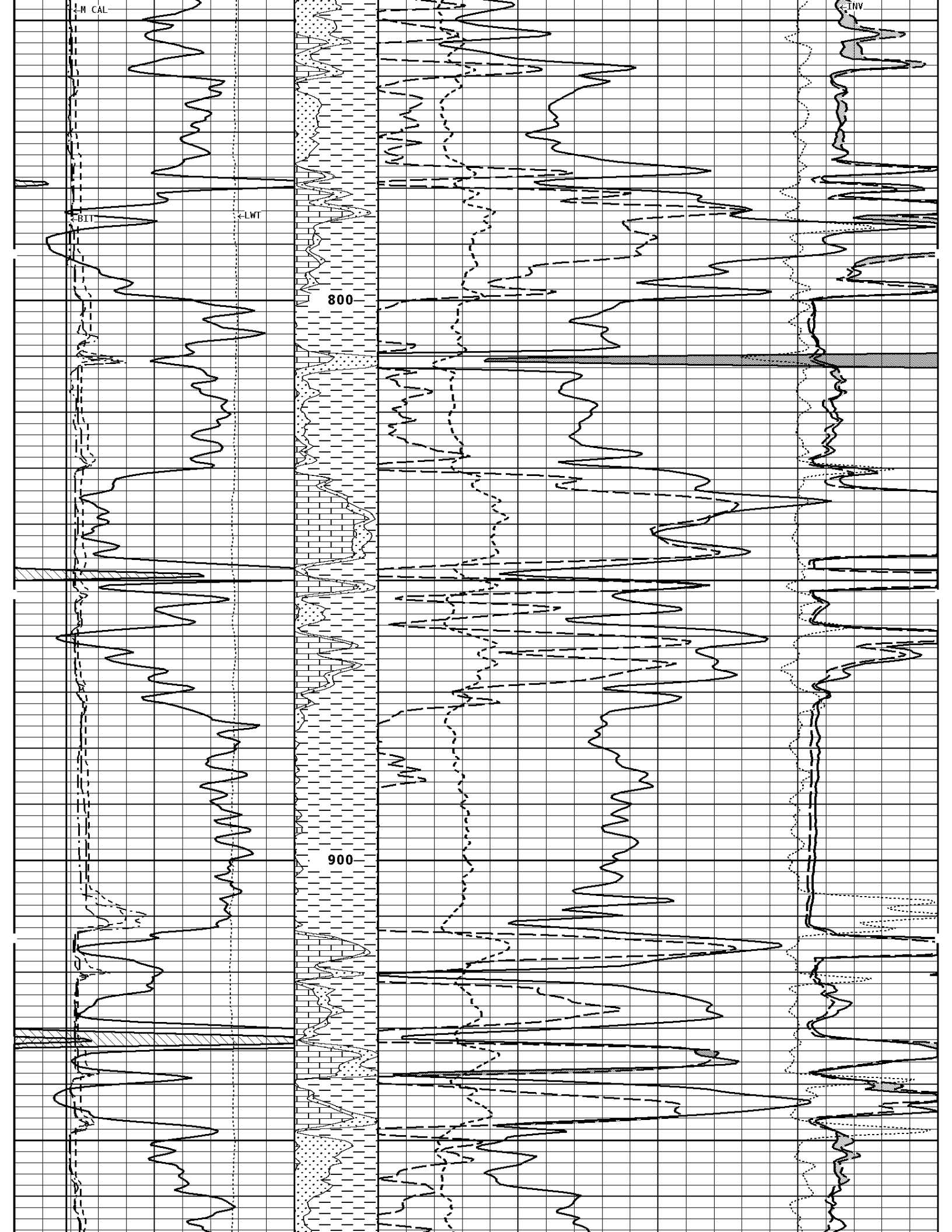
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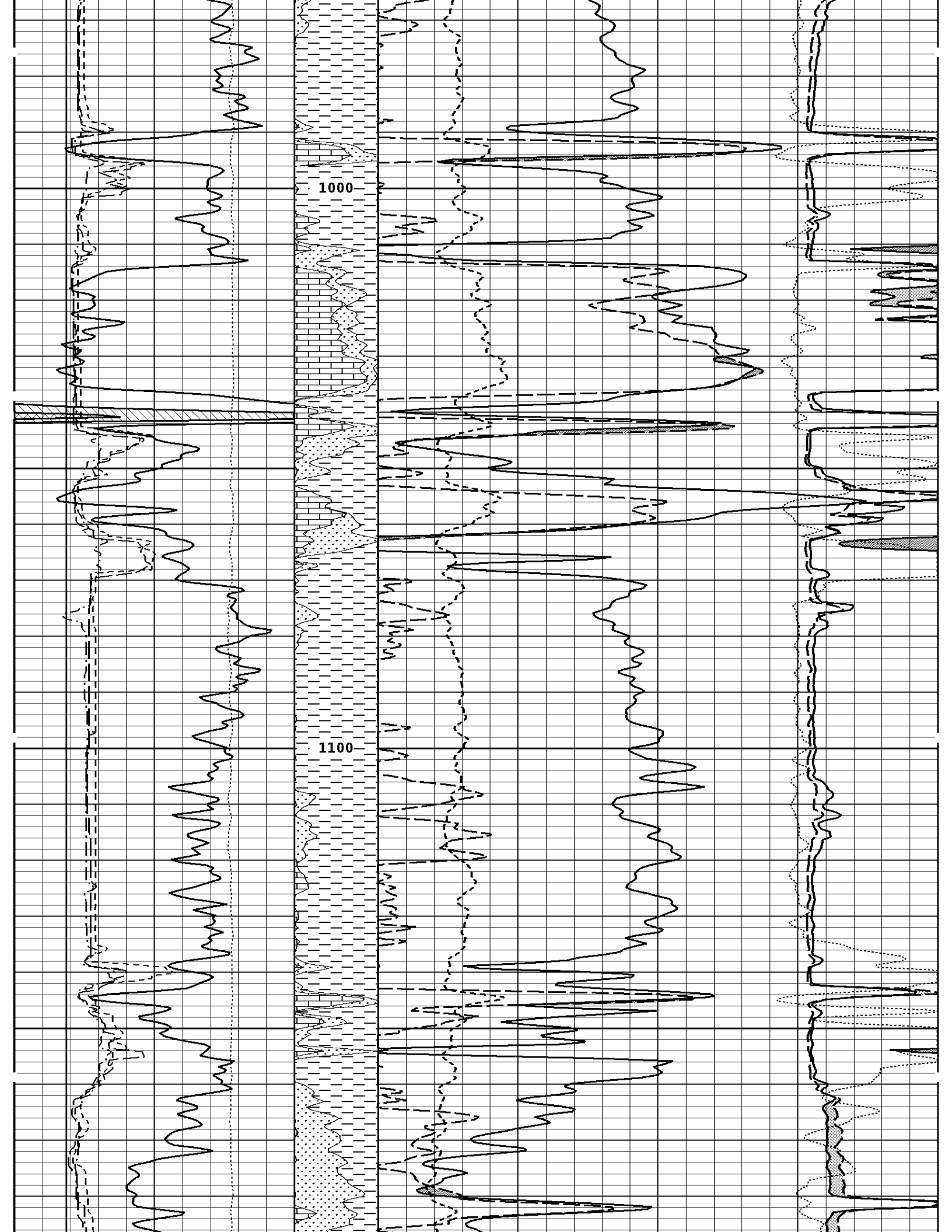
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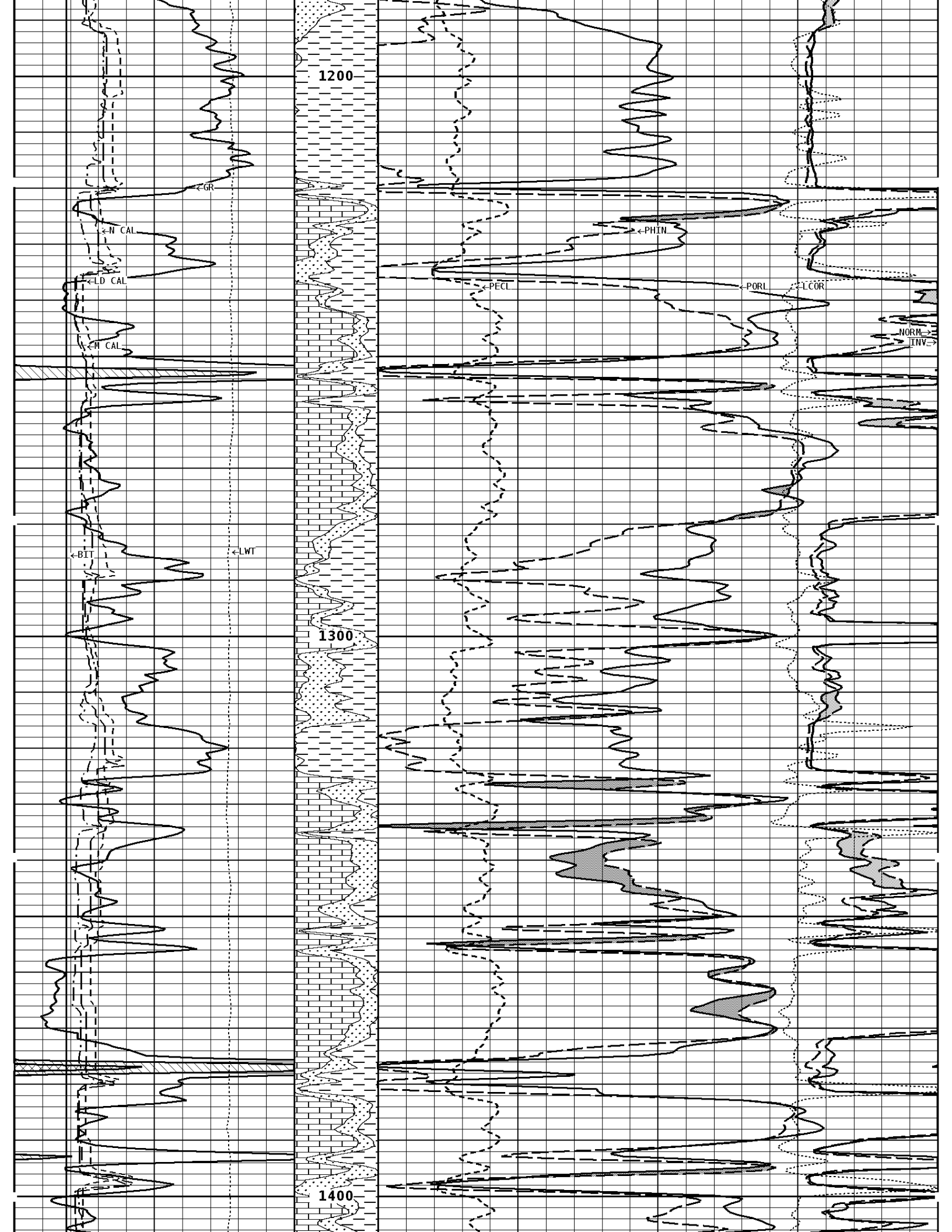
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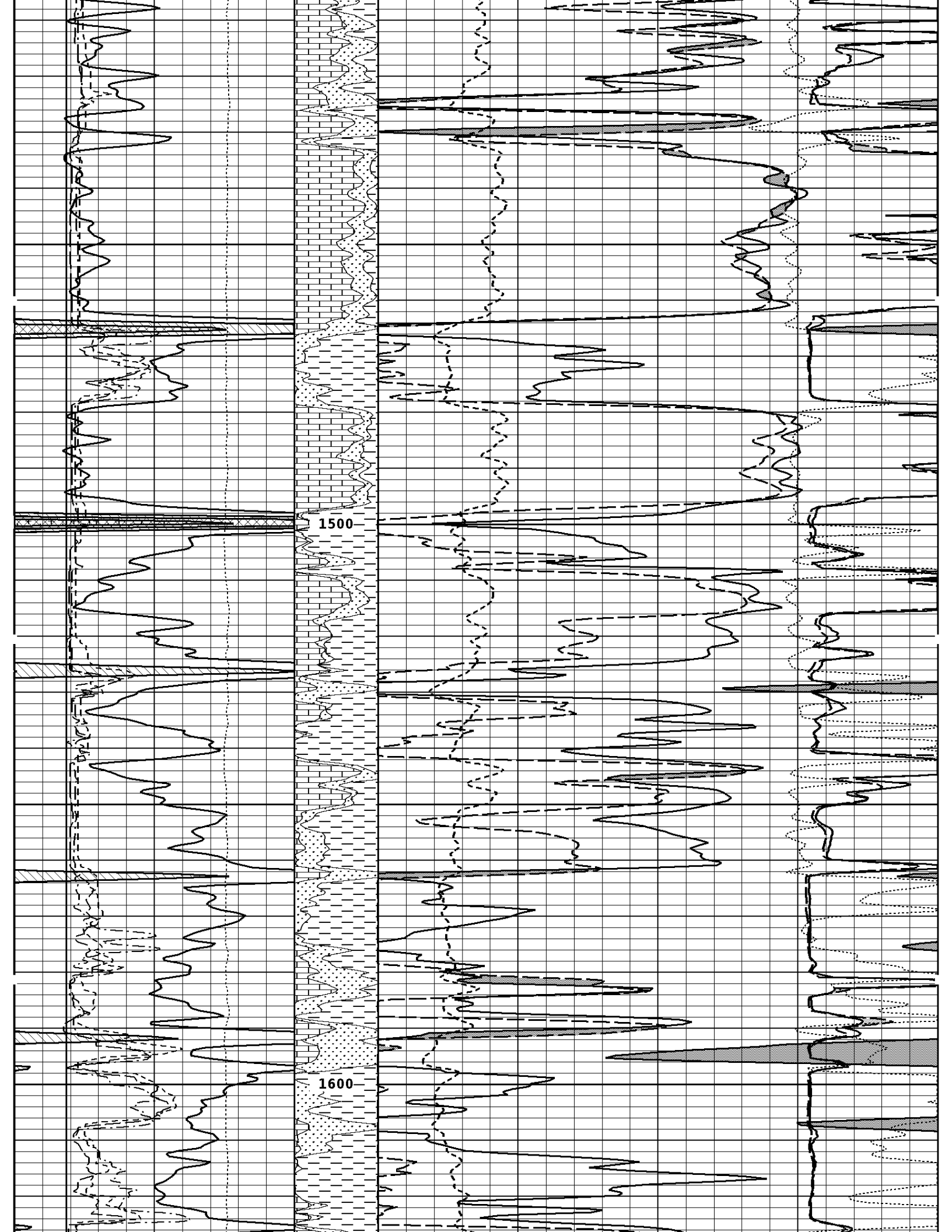
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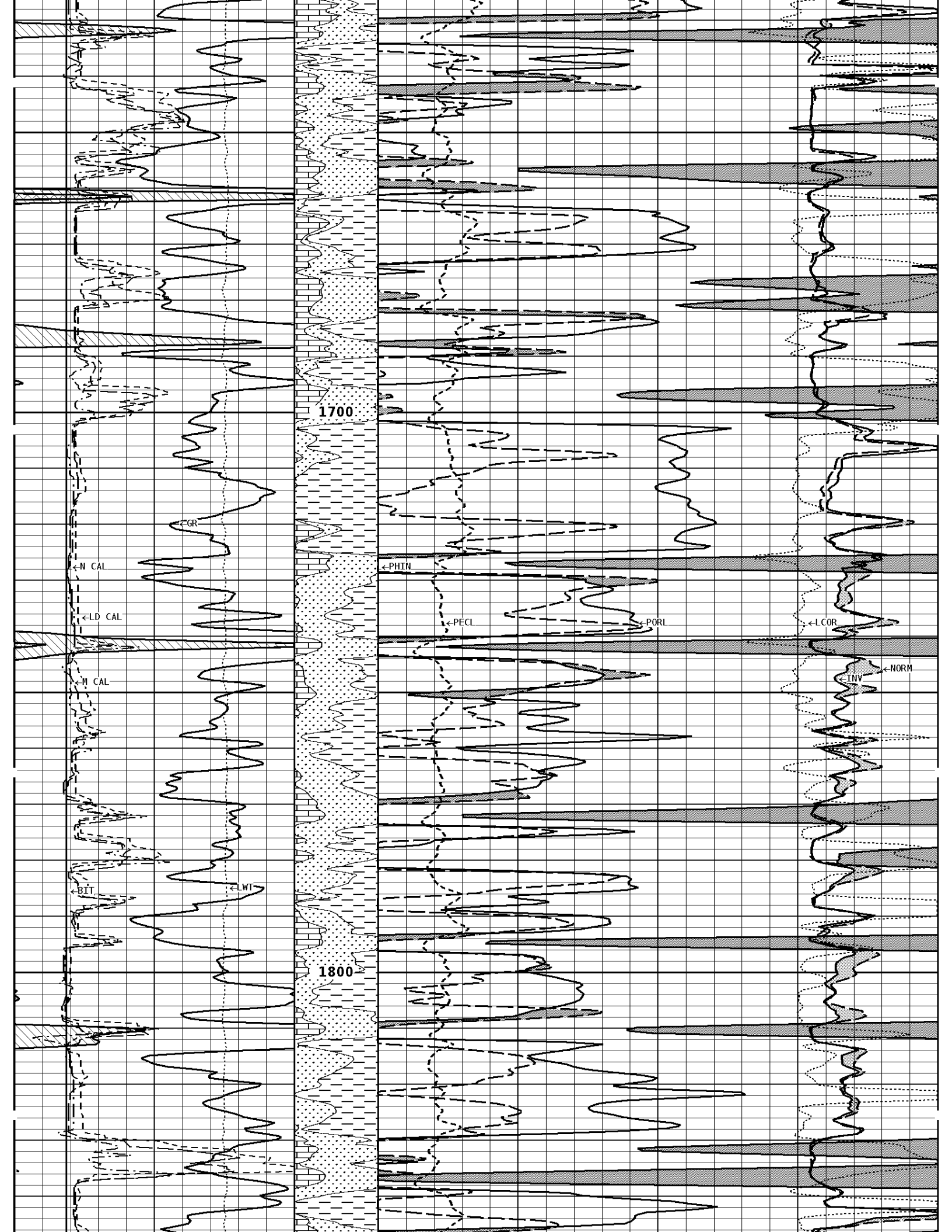
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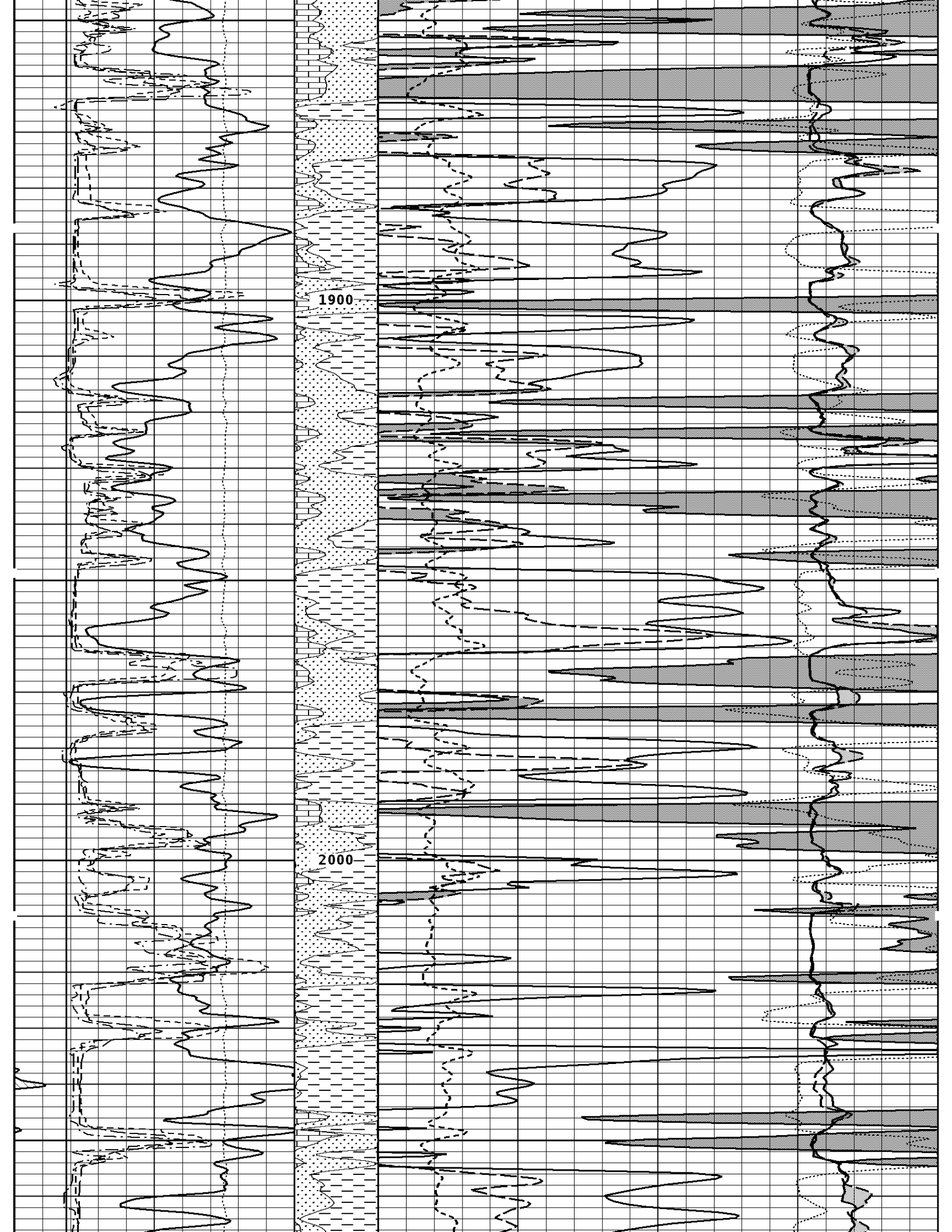
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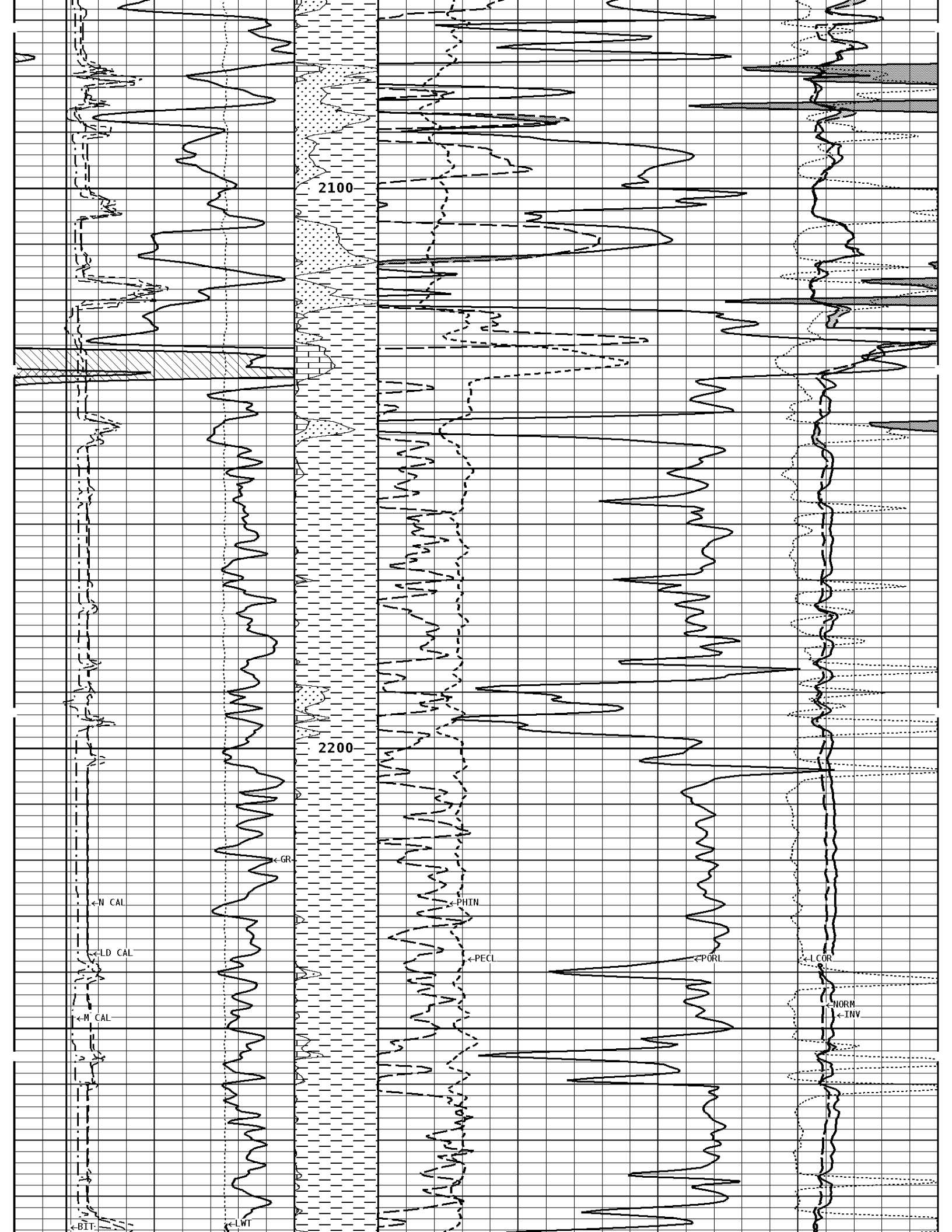
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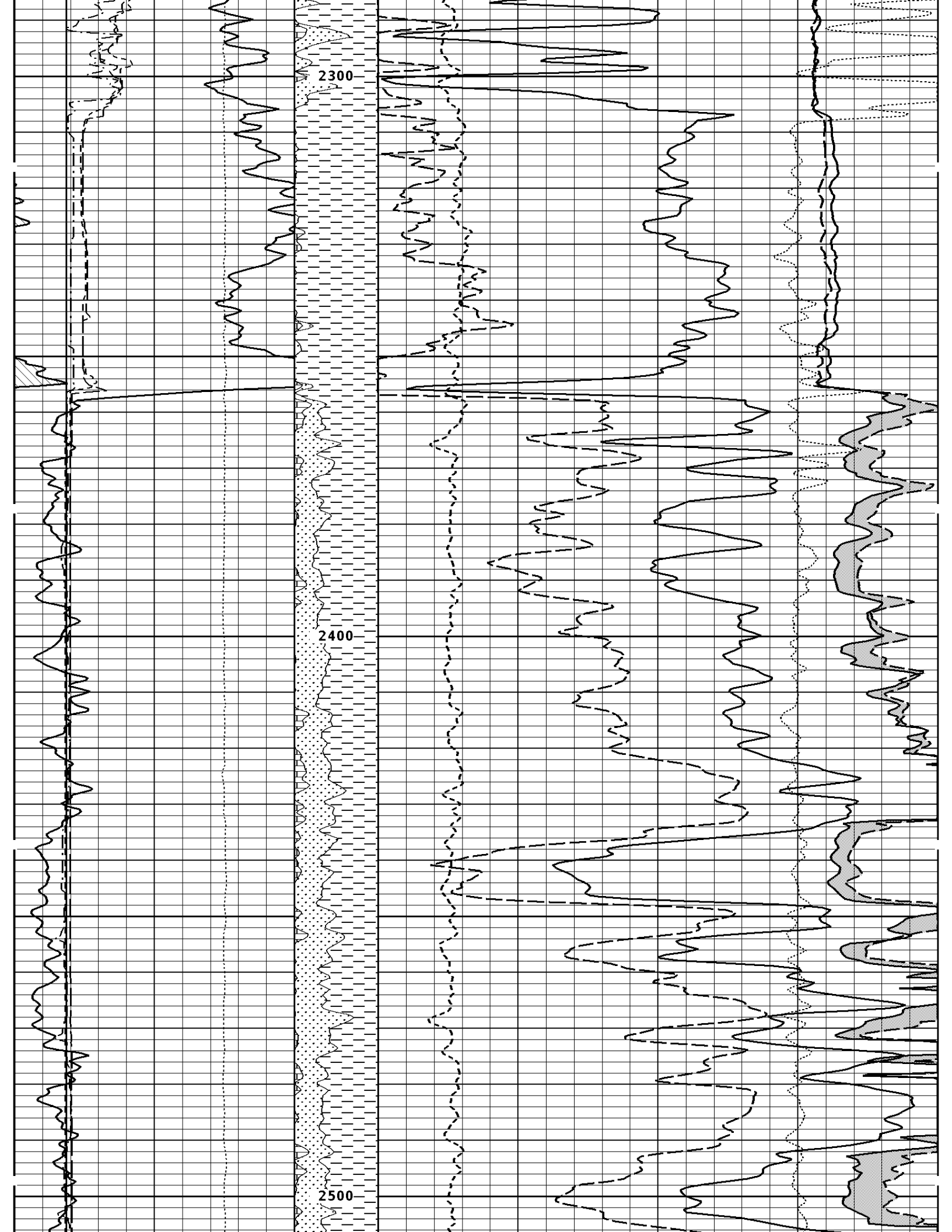
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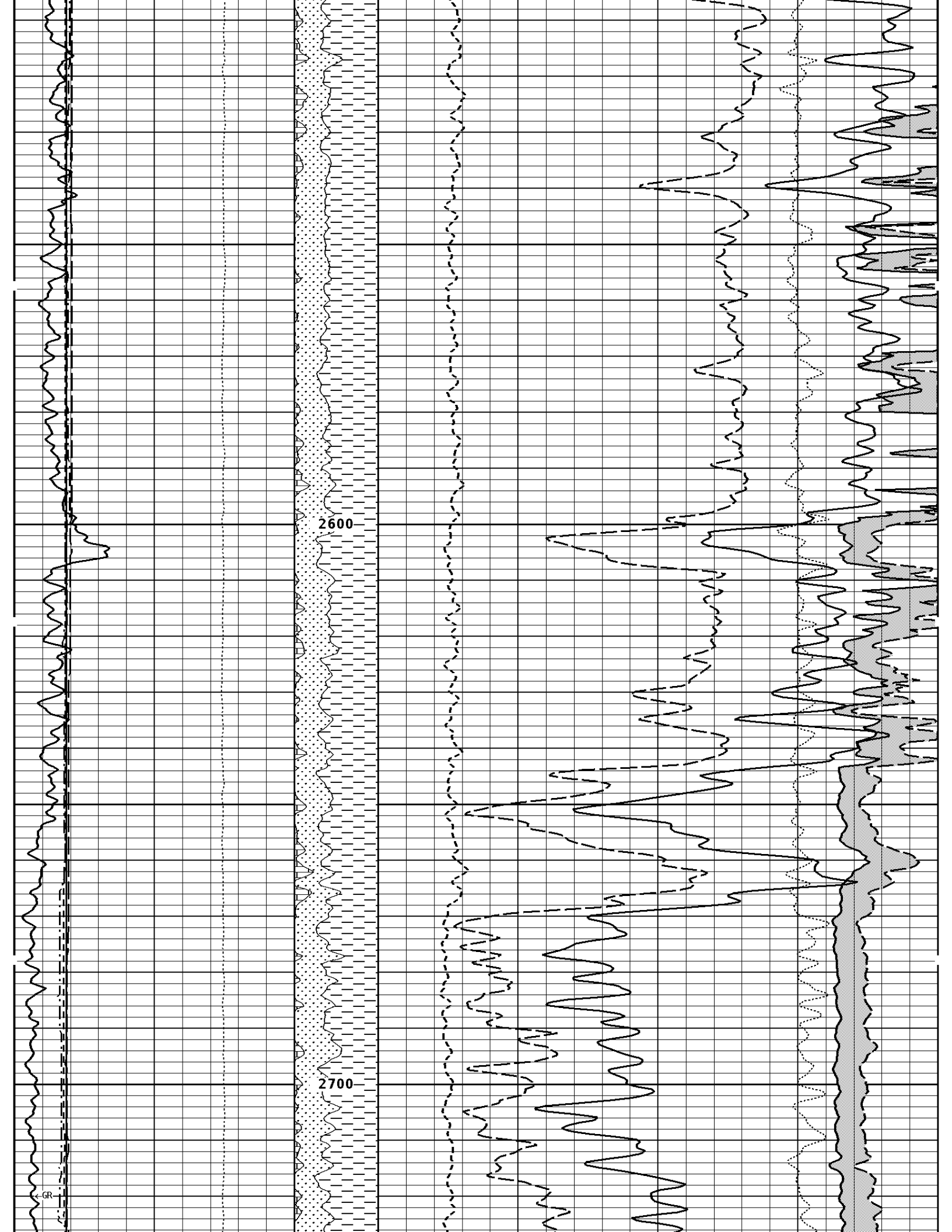
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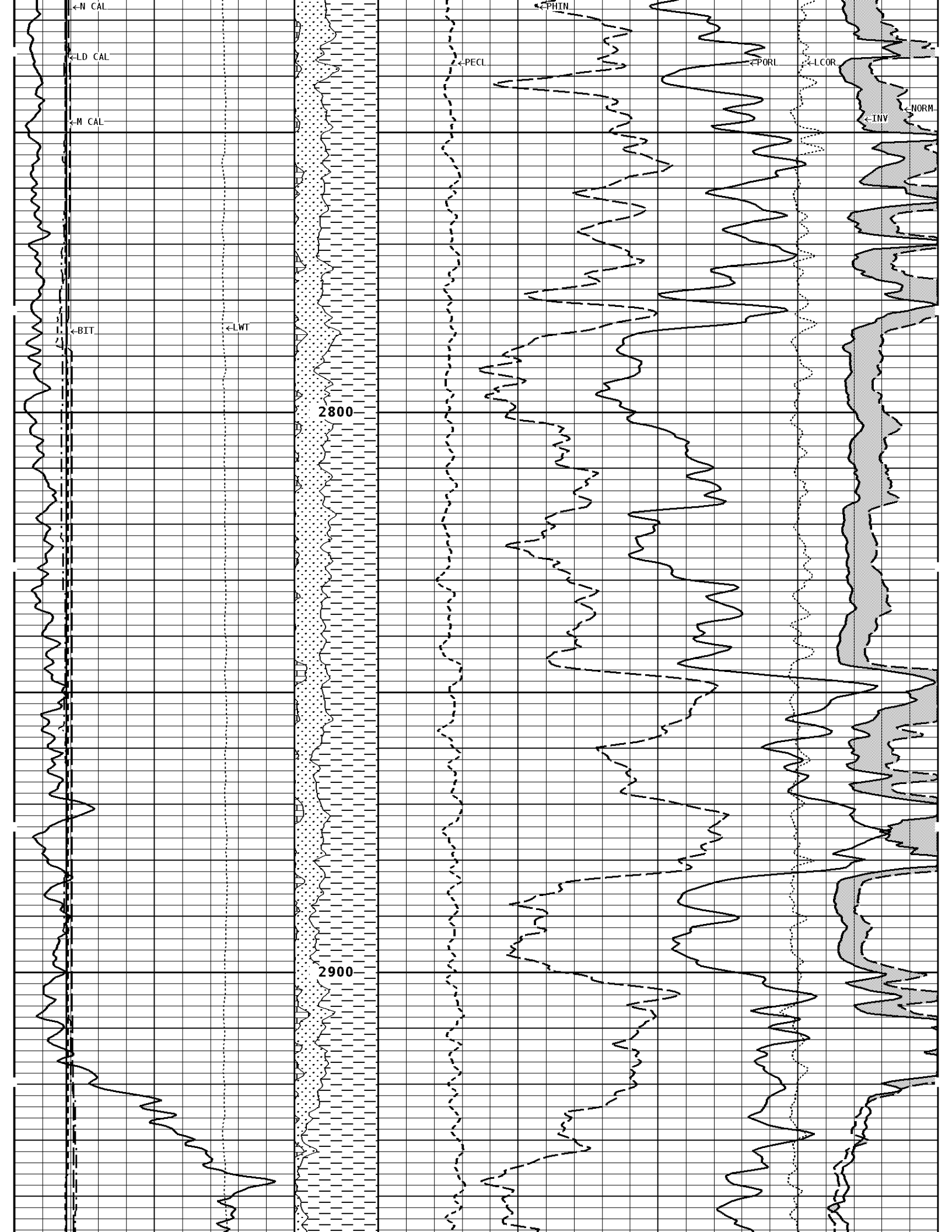
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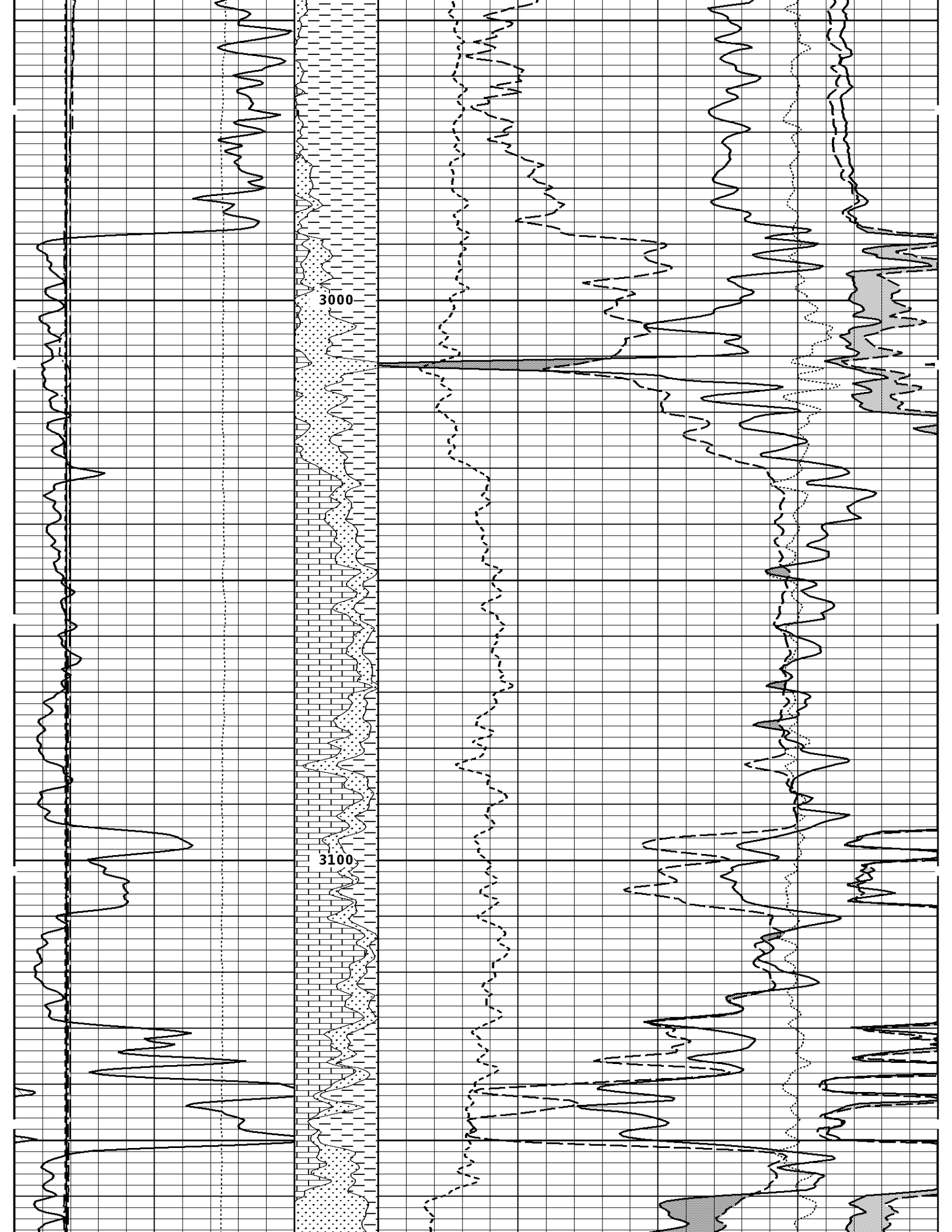
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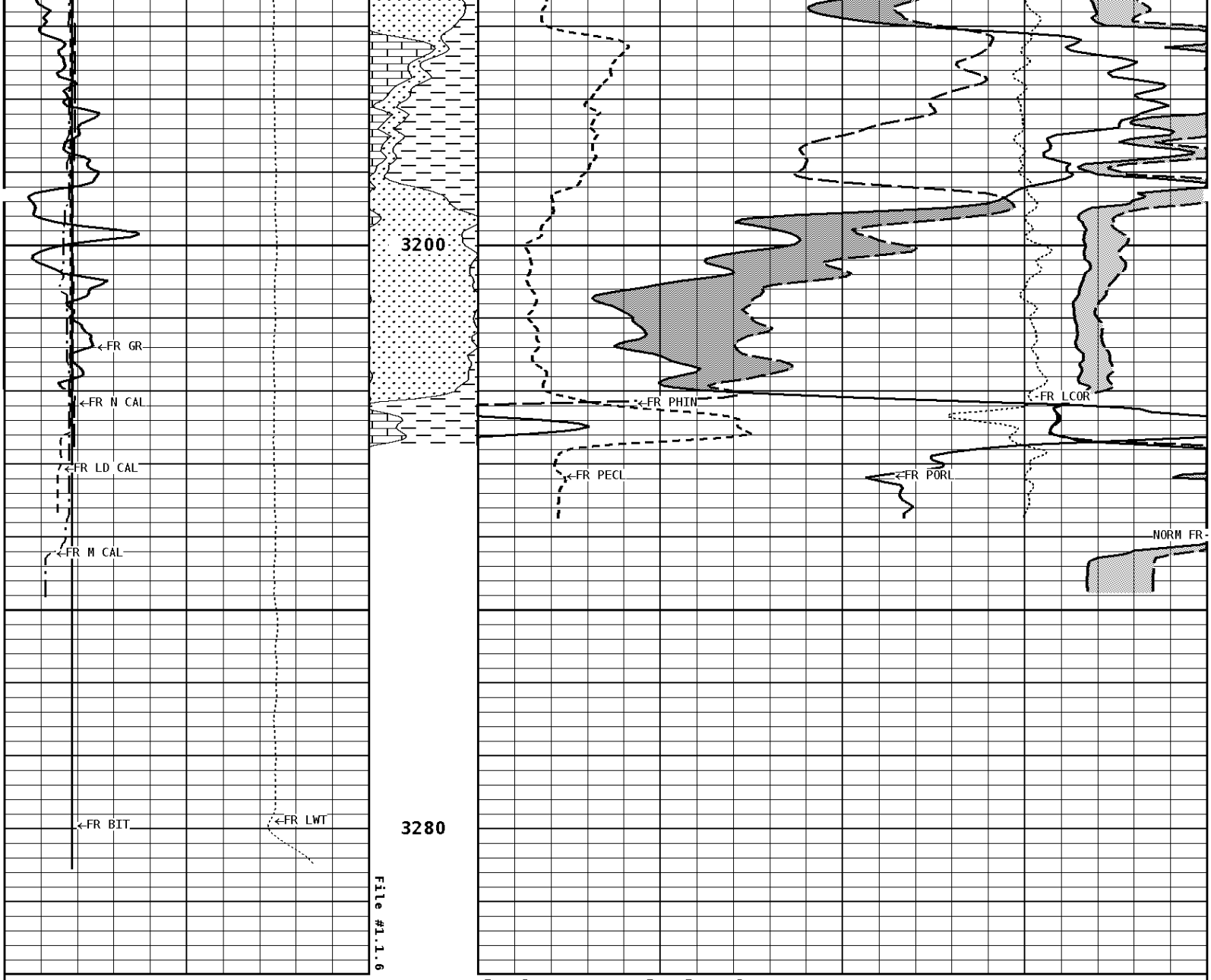


1:240 MAIN SECTION

GAMMA RAY **API UNITS** 150 — 300 0 — 150	Volume Dolo/Shale	**NEUTRON POROSITY (LIMESTONE)** **PERCENT** 30 — -10
TENSION **LBS** 10000 — 0	Volume Calcite	**DENSITY POROSITY (2.71g/cc)** **PERCENT** 70 — 30 30 — -10 -10 — -50
DENSITY (X) CALIPER **INCHES (IN)** 16 — 26 6 — 16	Volume Quartz	**PE CROSS-SECTION** **BARNS/ELECTRON** 0 — 10
		DENSITY CORRECTION **G/CC** -0.25 — 0.25
NEUTRON (Y) CALIPER **INCHES (IN)** 16 — 26 6 — 16		**INVERSE** **OHMM** 0 — 40
BIT SIZE **INCHES (IN)** 6 — 16		**NORMAL** **OHMM** 0 — 40

CALIPER MICRO
INCHES (IN)
16 26
6 16

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 Feet

Matrix Density	2.71	g/cc
Fluid Density	1.00	g/cc
Formation Matrix	Limestone	
Drill Bit Size	7.875	in
Casing Diameter	5.500	in
Casing Thickness	0.250	in
Casing Correction (PHI N)	Disable	

Well File: EVERTSON_GILSDORF_31-7_DEC8_QUINT **Scale:** 1:240 **Format:** NLD-240
Segment: V1.D1.S3 Reprocess of REPEAT **Acquired:** 2013-12/08 17:41 3.3.0-12261
Reference: 0 **Processed:** 2013-12/08 17:55 3.3.0-12261

CALIPER MICRO
INCHES (IN)
16 26
6 16

BIT SIZE
INCHES (IN)
6 16

NEUTRON (Y) CALIPER
INCHES (IN)
16 26
6 16

NORMAL
OHMM
0 40

INVERSE
OHMM
0 40

DENSITY (X) CALIPER
INCHES (IN)
16 26
6 16

Volume
Quartz

PE CROSS-SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
-0.25 0.25

TENSION
LBS
10000 0

Volume
Calcite

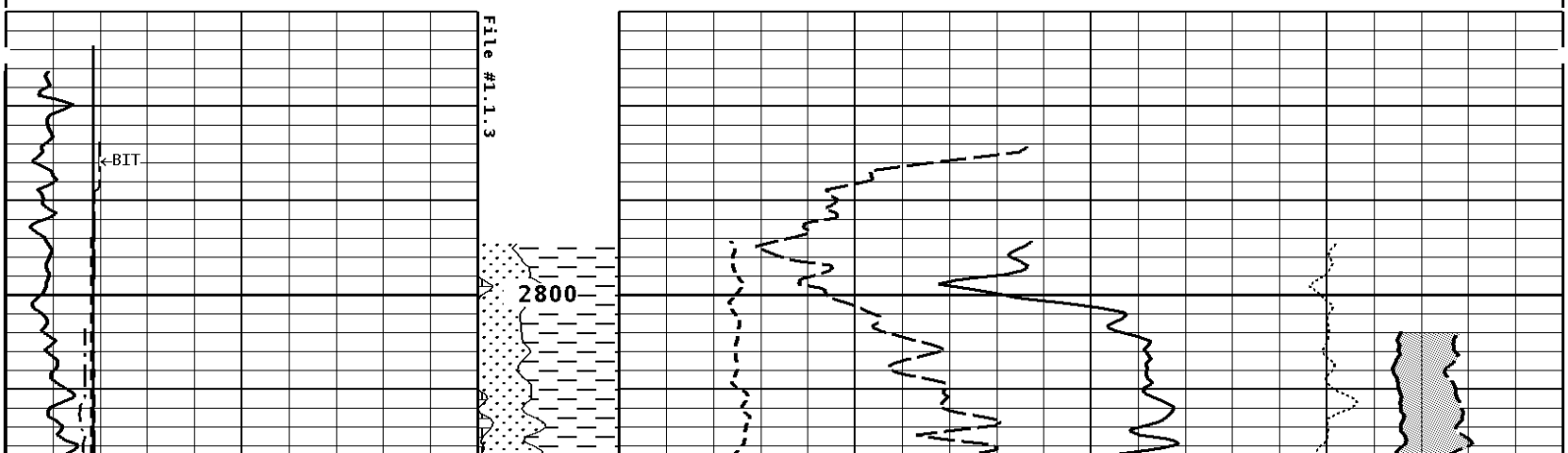
DENSITY POROSITY (2.71g/cc)
PERCENT
70 30
30 -10
-10 -50

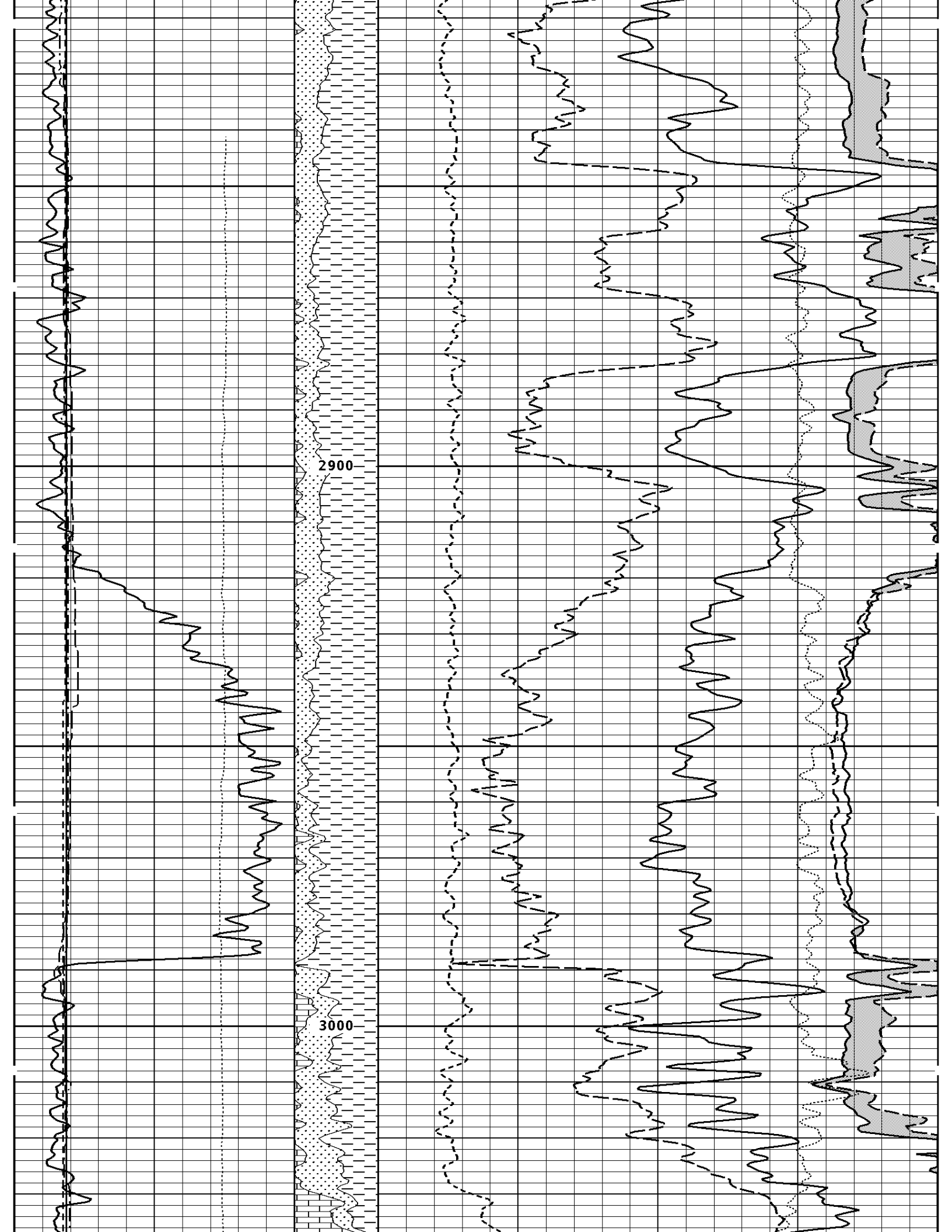
GAMMA RAY
API UNITS
150 300
0 150

Volume
Dolo/Shale

NEUTRON POROSITY (LIMESTONE)
PERCENT
30 -10

1:240 REPEAT 2.71 SECTION

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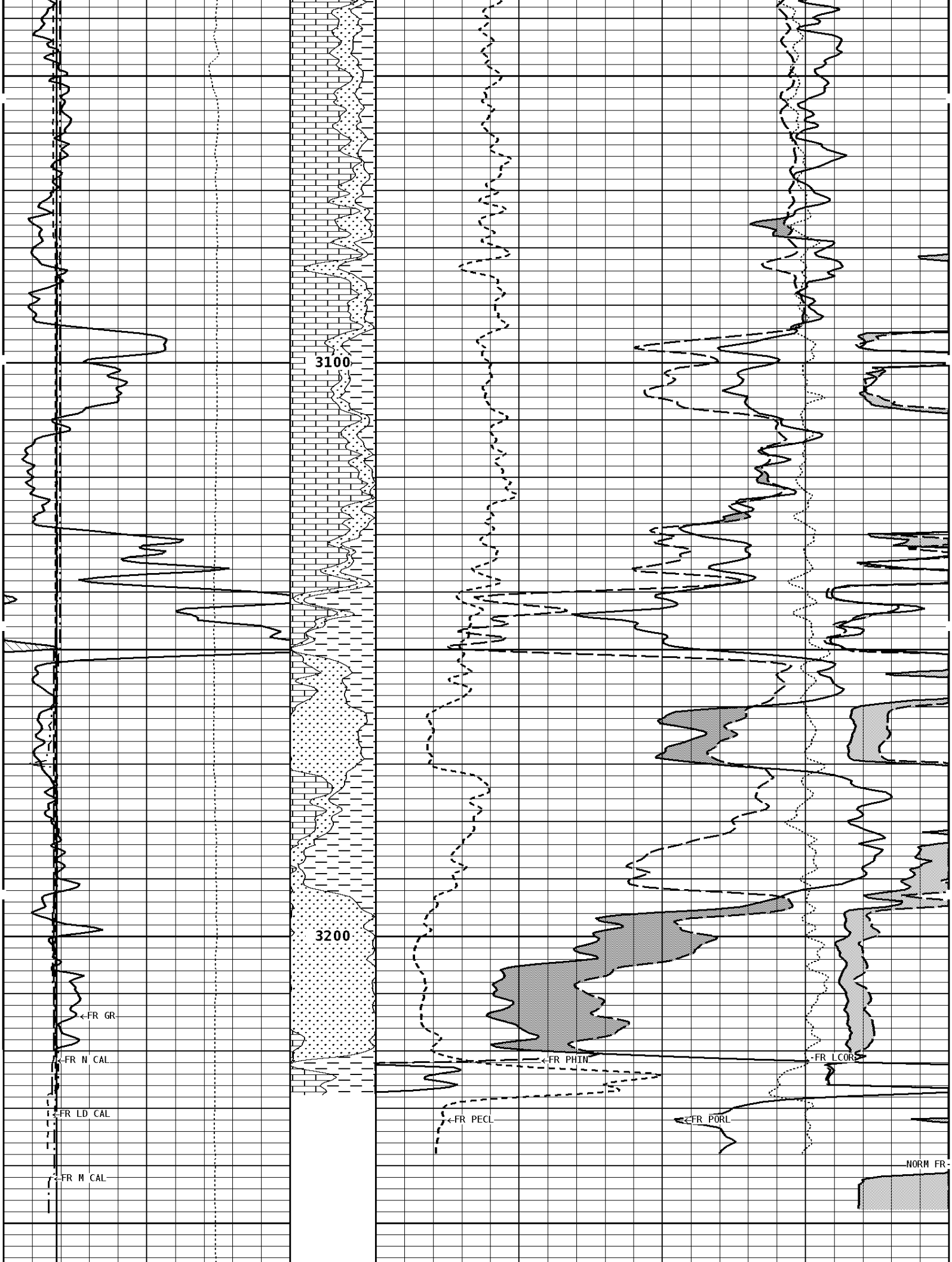
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3200
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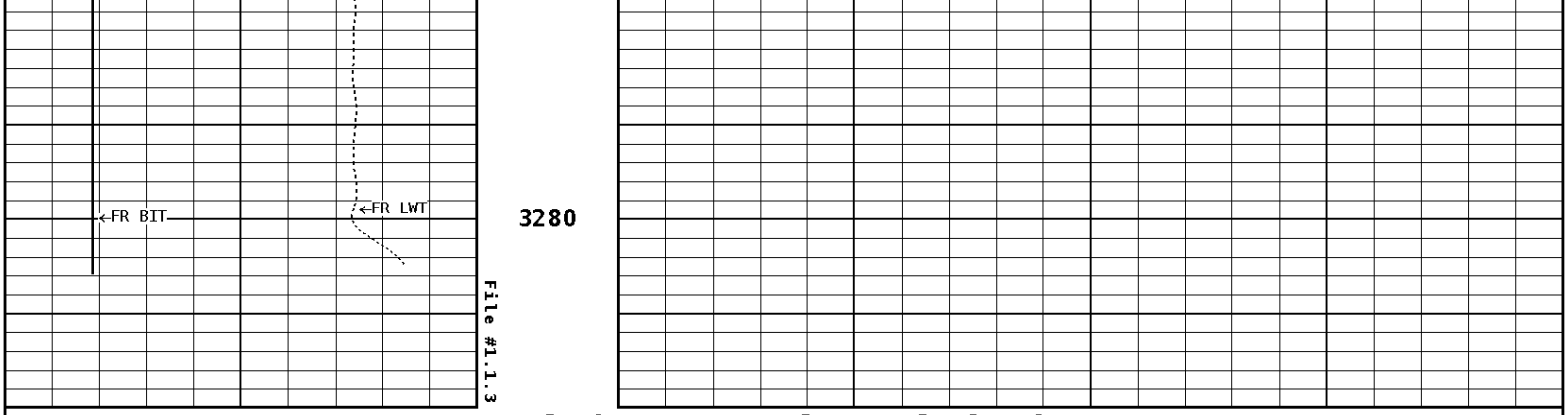
FR N CAL
FR LD CAL
FR M CAL
FR PHIN
FR LCOR
FR PECL
FR PORL
NORM FR



1:240 REPEAT 2.71 SECTION

GAMMA RAY API UNITS	Volume Dolo/Shale	NEUTRON POROSITY (LIMESTONE) PERCENT
150 300 0 150		30 -10
TENSION LBS	**Volume Calcite**	**DENSITY POROSITY (2.71g/cc) PERCENT**
10000 0		70 30 30 -10 -10 -50
DENSITY (X) CALIPER INCHES (IN)	**Volume Quartz**	**PE CROSS-SECTION BARNS/ELECTRON** / **DENSITY CORRECTION G/CC**
16 26 6 16		0 10 / -0.25 0.25
NEUTRON (Y) CALIPER INCHES (IN)		**INVERSE OHMM**
16 26 6 16		0 40
BIT SIZE INCHES (IN)		**NORMAL OHMM**
6 16		0 40
CALIPER MICRO INCHES (IN)		
16 26 6 16		

*** Borehole Zone Factors ***

Zone 1 99999.0 to 0.0 Feet

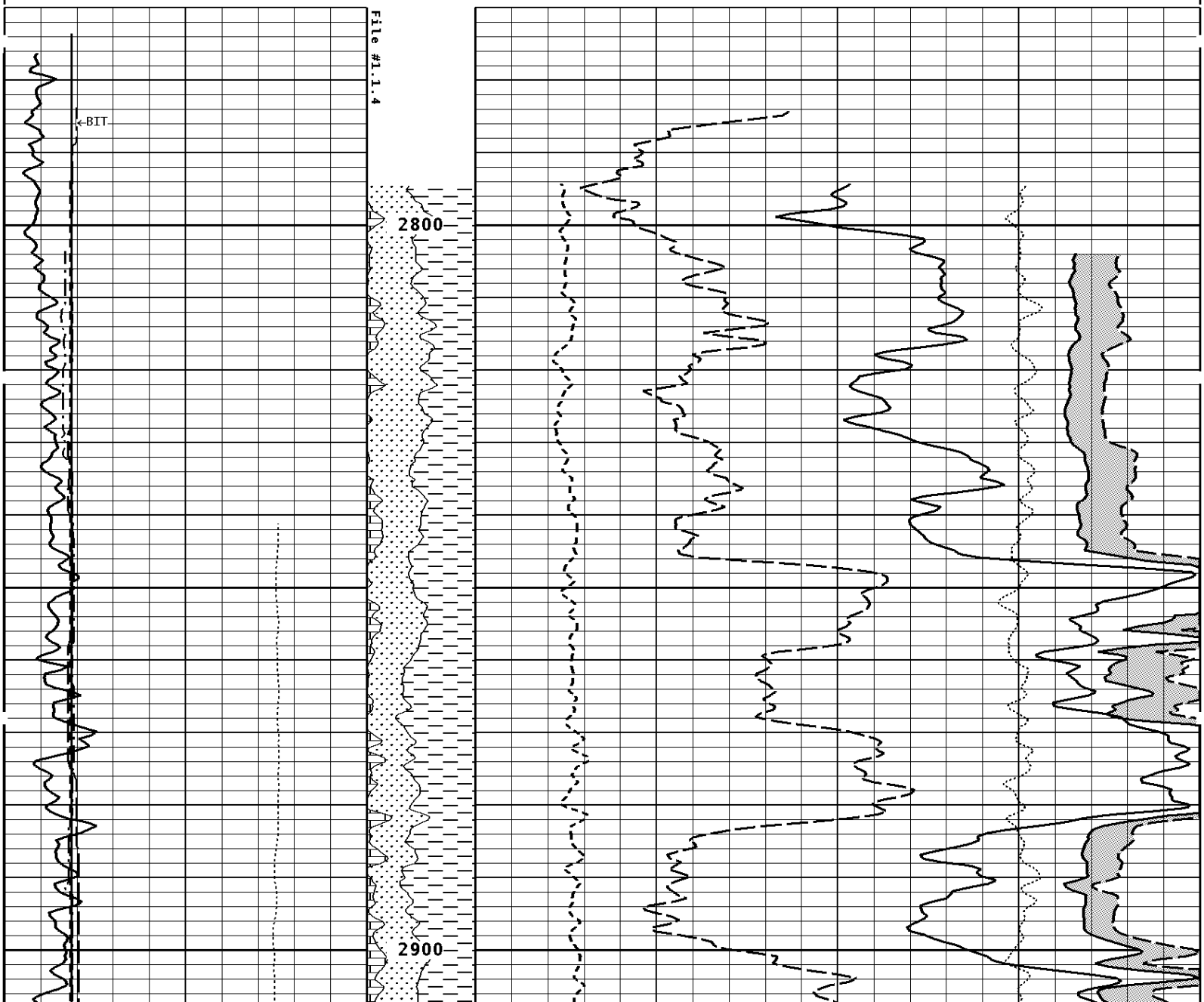
Matrix Density	2.71	g/cc
Fluid Density	1.00	g/cc
Formation Matrix	Limestone	
Drill Bit Size	7.875	in
Casing Diameter	5.500	in
Casing Thickness	0.250	in
Casing Correction (PHI N)	Disable	

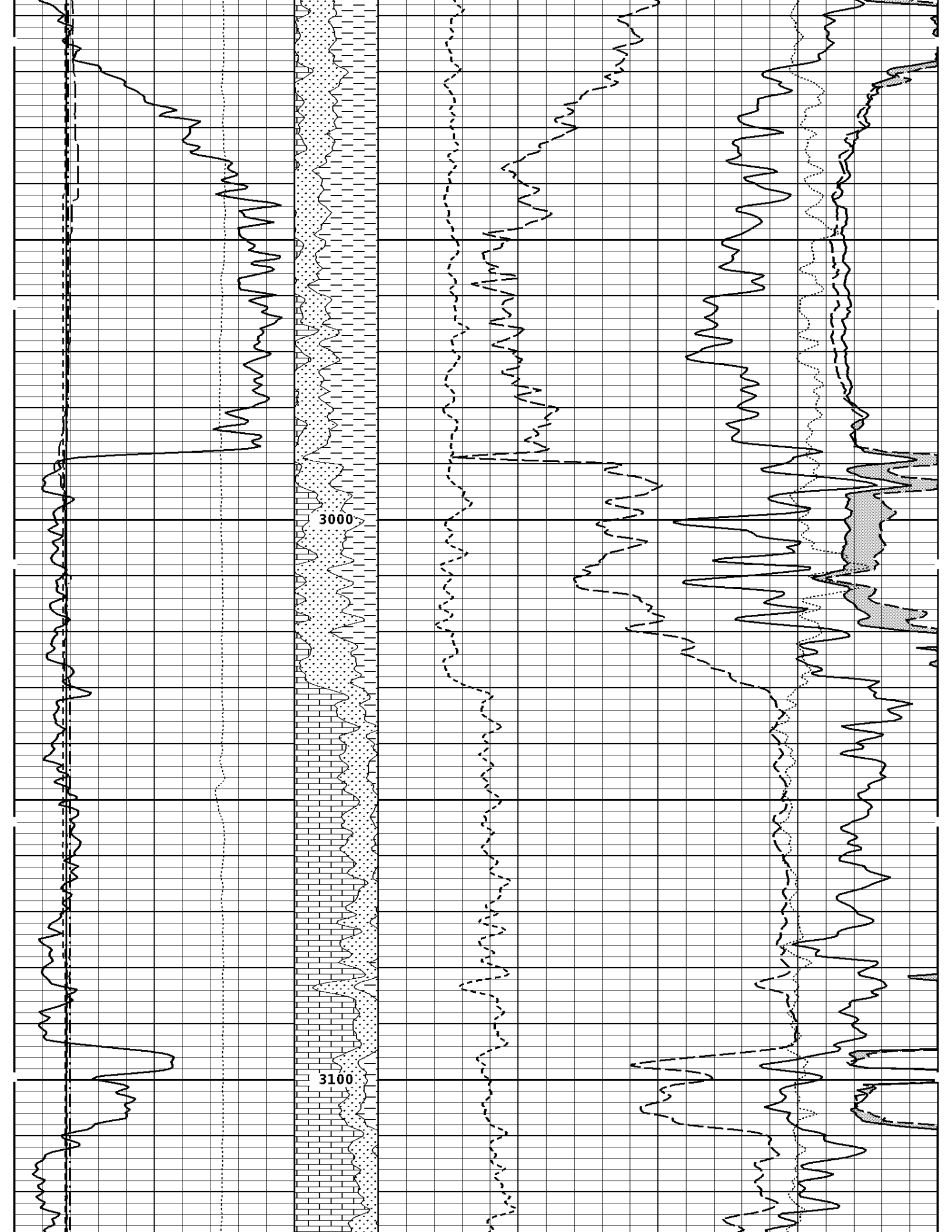
Well File: EVERTSON_GILSDORF_31-7_DEC8_QUINT **Scale:** 1:240 **Format:** NLD-240
Segment: V1.D1.S4 Reprocess of REPEAT 2.65 **Acquired:** 2013-12/08 17:41 3.3.0-12261
Reference: 0 **Processed:** 2013-12/08 17:58 3.3.0-12261

CALIPER MICRO INCHES (IN)	NORMAL OHMM
16 26 6 16	
BIT SIZE INCHES (IN)	
6 16	

6 16			0 40
NEUTRON (Y) CALIPER INCHES (IN) 16 26 / 6 16			INVERSE OHMM 0 40
DENSITY (X) CALIPER INCHES (IN) 16 26 / 6 16	Volume Quartz	PE CROSS-SECTION BARNS/ELECTRON 0 10	DENSITY CORRECTION G/CC -0.25 0.25
TENSION LBS 10000 0	Volume Calcite	DENSITY POROSITY (2.65g/cc) PERCENT 70 30 / 30 -10 / -10 -50	
GAMMA RAY API UNITS 150 300 / 0 150	Volume Dolo/Shale	NEUTRON POROSITY (SANDSTONE) PERCENT 30 -10	

1:240 REPEAT 2.65 SECTION

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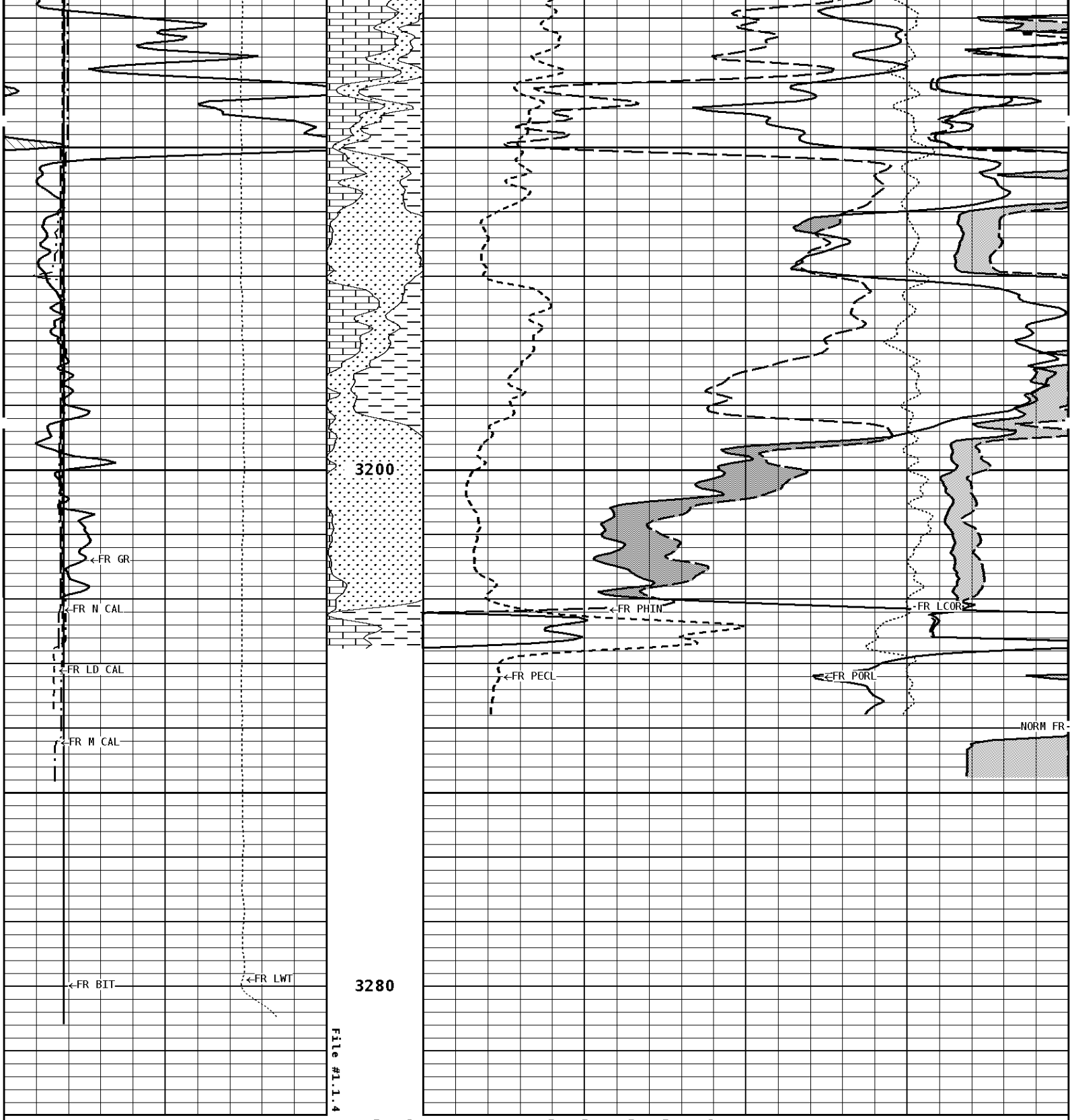
3100



1:240 REPEAT 2.65 SECTION

GAMMA RAY API UNITS	Volume Dolo/Shale	NEUTRON POROSITY (SANDSTONE) PERCENT
150 300 0 150		30 -10
TENSION LBS	Volume Calcite	DENSITY POROSITY (2.65g/cc) PERCENT
10000 0		70 30 30 -10 -10 -50

DENSITY (X) CALIPER INCHES (IN)	Volume Quartz	PE CROSS-SECTION BARNS/ELECTRON	DENSITY CORRECTION G/CC
16 26 6 16		0 10	-0.25 0.25

NEUTRON (Y) CALIPER INCHES (IN)	INVERSE OHMM
16 26 6 16	0 40

BIT SIZE INCHES (IN)	NORMAL OHMM
6 16	0 40

CALIPER MICRO INCHES (IN)
16 26 6 16

*** Borehole Zone Factors ***

Zone 1 99999.0 to 0.0 Feet

Matrix Density	2.65	g/cc
Fluid Density	1.00	g/cc
Formation Matrix	Limestone	
Drill Bit Size	7.875	in
Casing Diameter	5.500	in
Casing Thickness	0.250	in
Casing Correction (PHI N)	Disable	

Well File: EVERTSON_GILSDORF_31-7_DEC8_QUINT **Scale:** 1:240 **Format:** LDT-240
Segment: V1.D1.S6 Reprocess of MAIN **Acquired:** 2013-12-08 18:04 3.3.0-12261
Reference: 0 **Processed:** 2013-12-08 19:01 3.3.0-12261

BIT SIZE INCHES (IN)
6 16

NEUTRON (Y) CALIPER INCHES (IN)
16 26 6 16

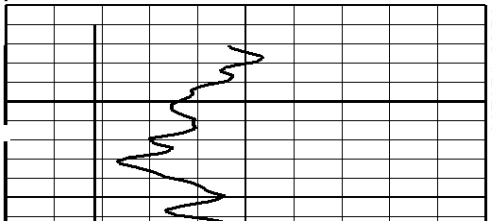
DENSITY (X) CALIPER INCHES (IN)	PE CROSS-SECTION BARNS/ELECTRON	DENSITY CORRECTION G/CC
16 26 6 16	0 10	-0.25 0.25

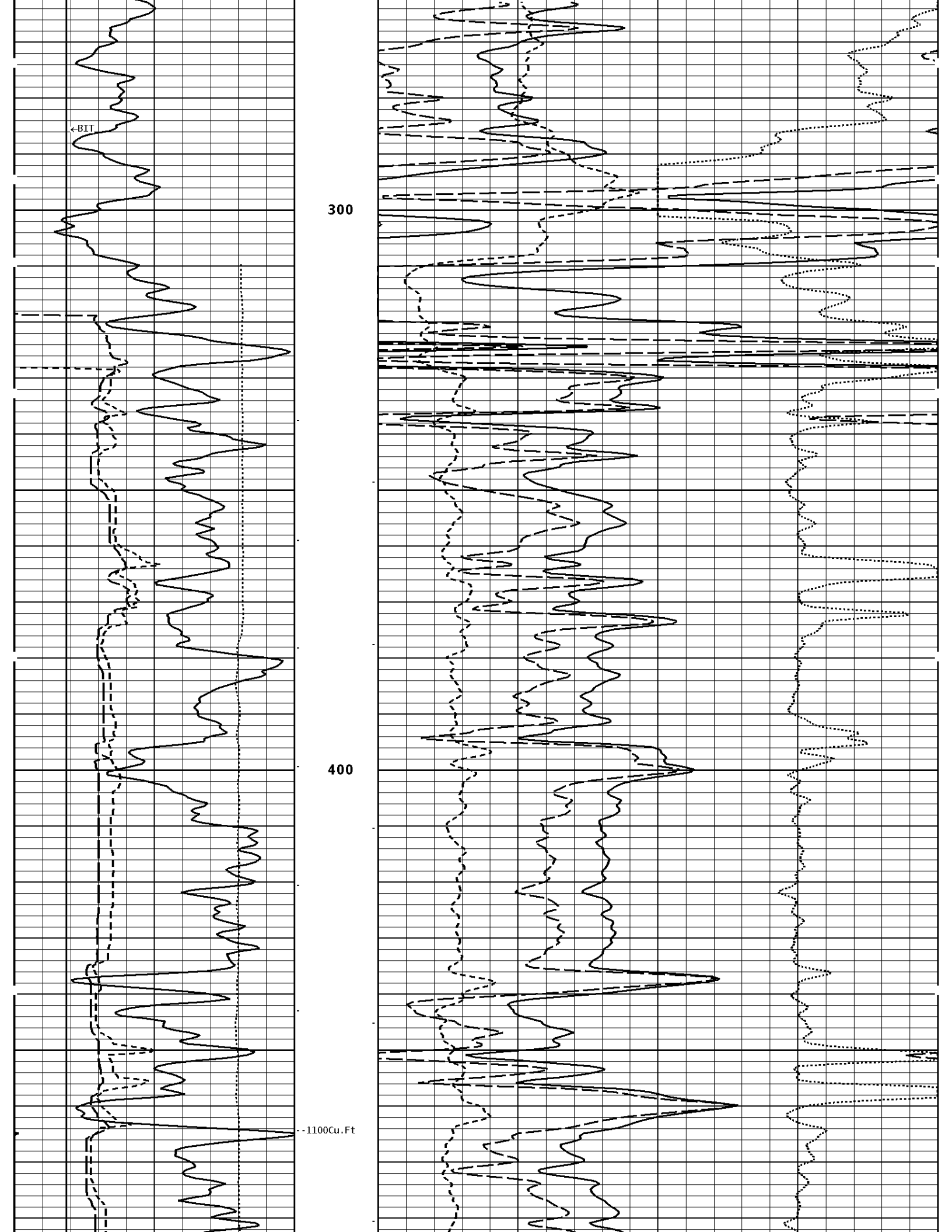
TENSION LBS	COMPENSATED BULK DENSITY G/CC
10000 0	3.0 4.0 2.0 3.0 1.0 2.0

GAMMA RAY API UNITS	-BHV AHV- CU.FT	DENSITY POROSITY (2.71g/cc) PERCENT
150 300 0 150		70 30 30 -10 -10 -50

1:240 MAIN SECTION

BULK DENSITY

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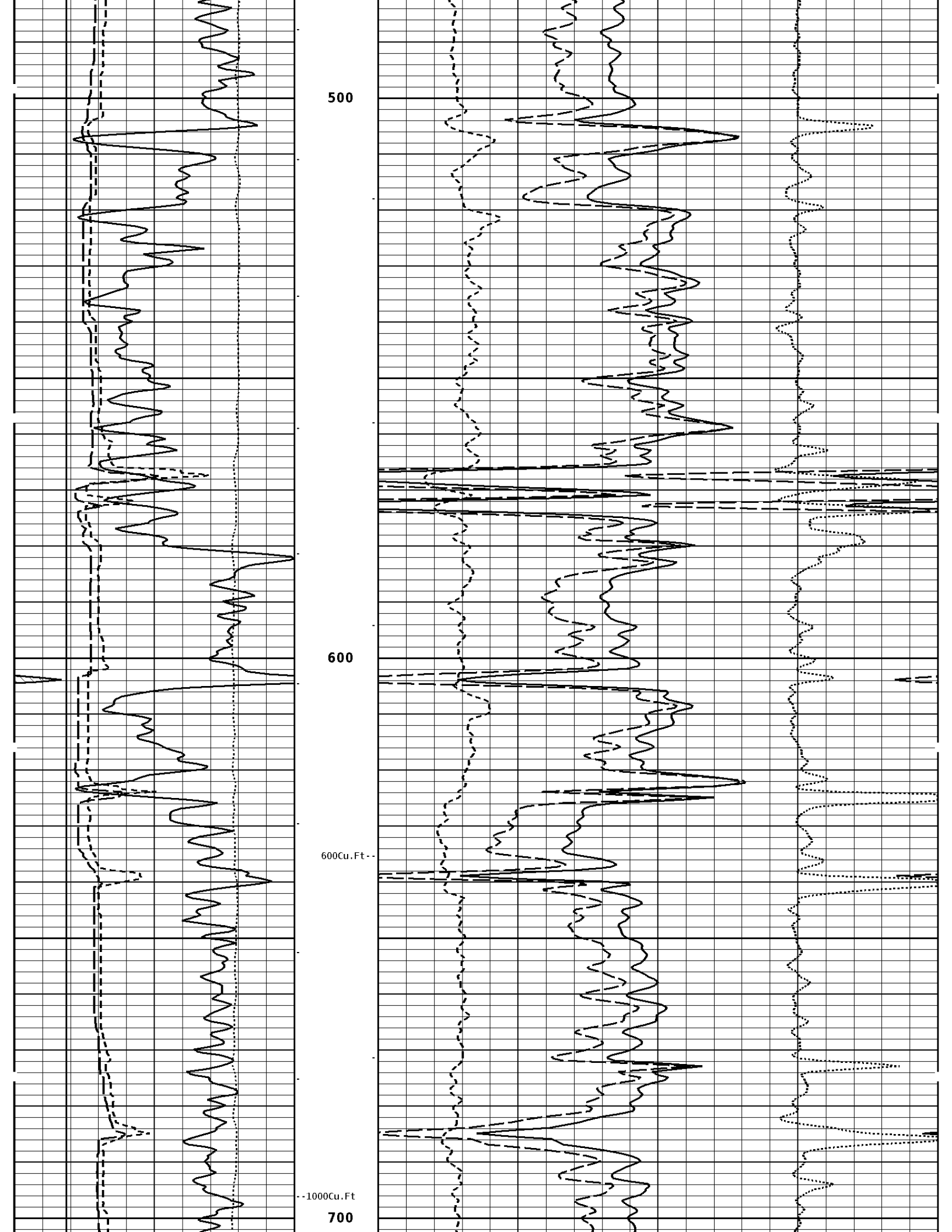
300
400
1100Cu.Ft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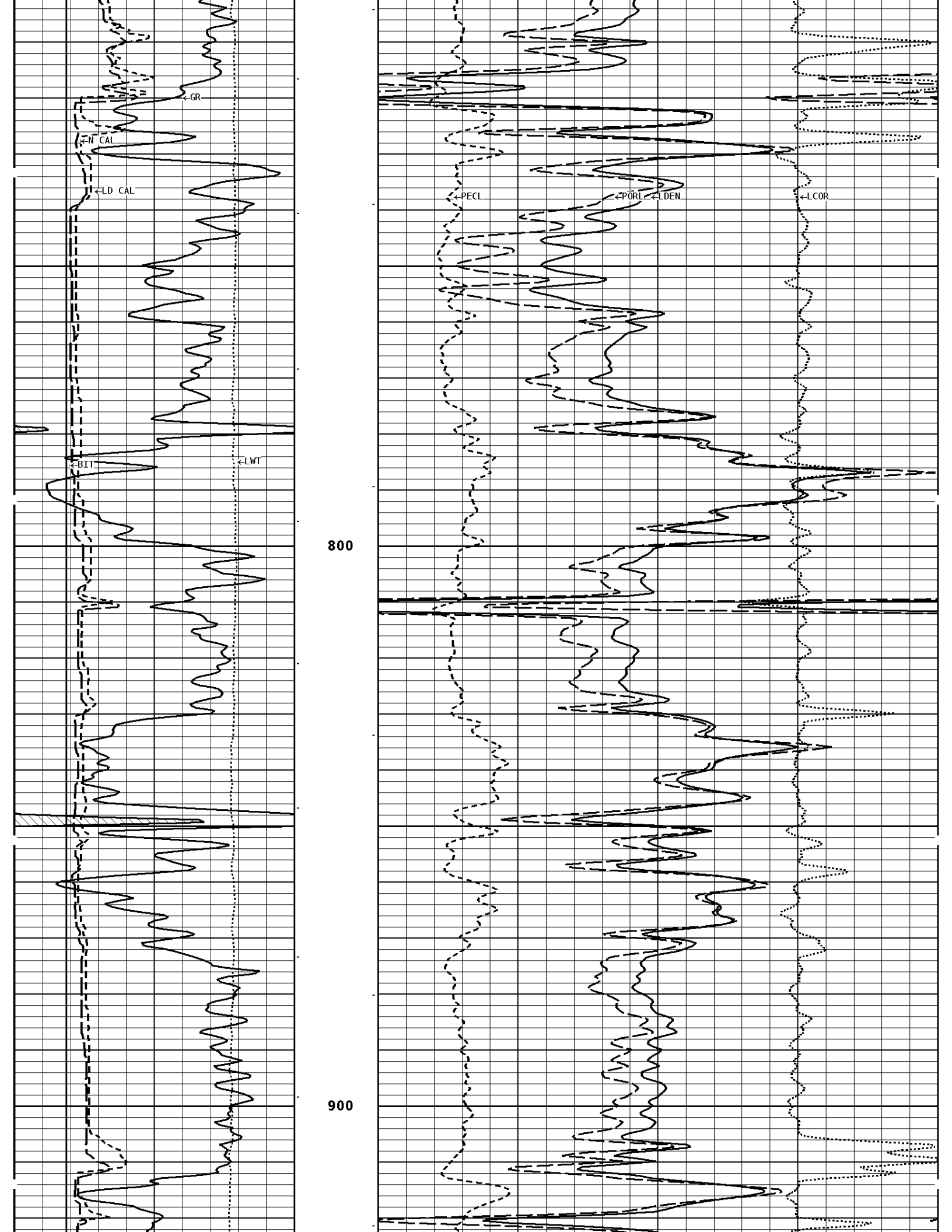
600
600Cu.Ft--
--1000Cu.Ft
700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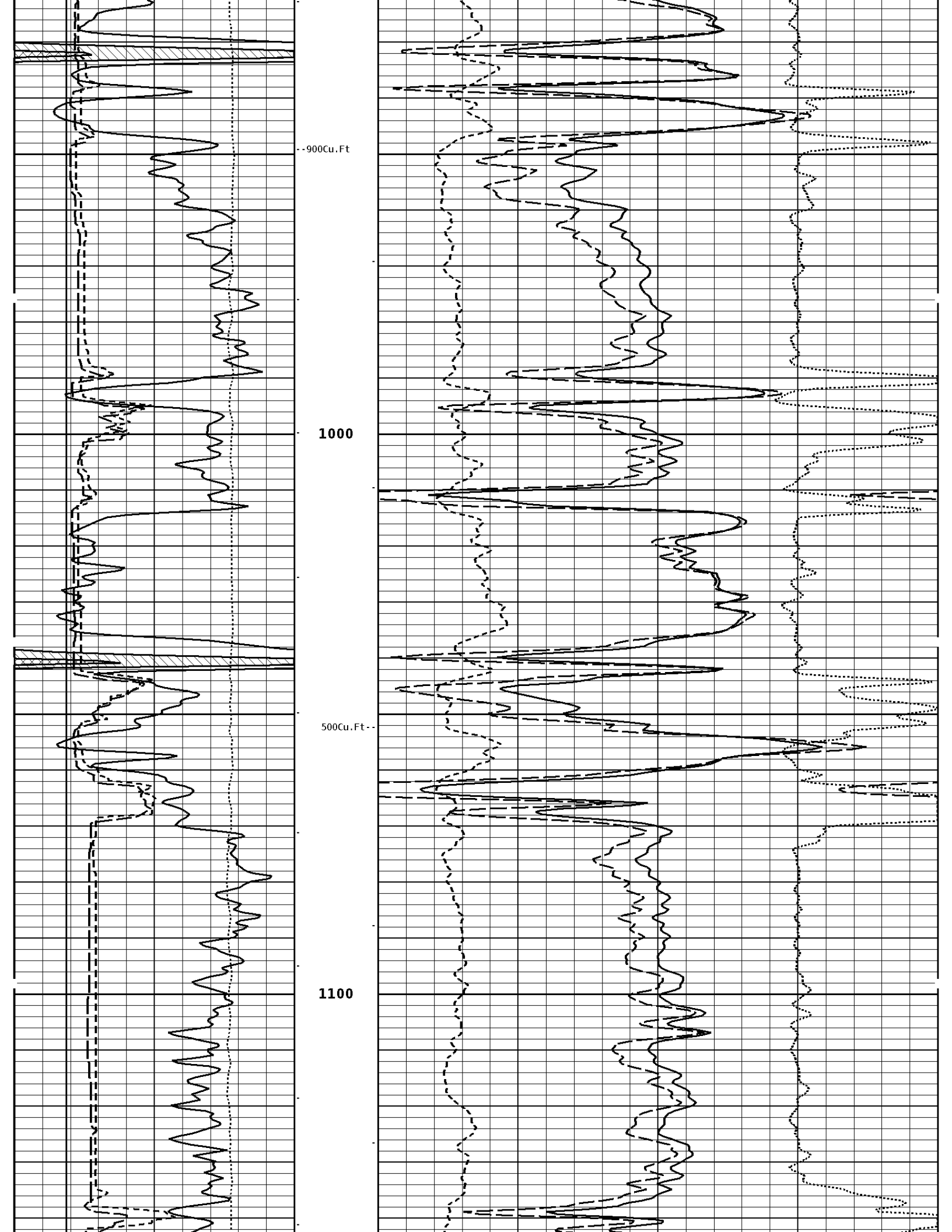
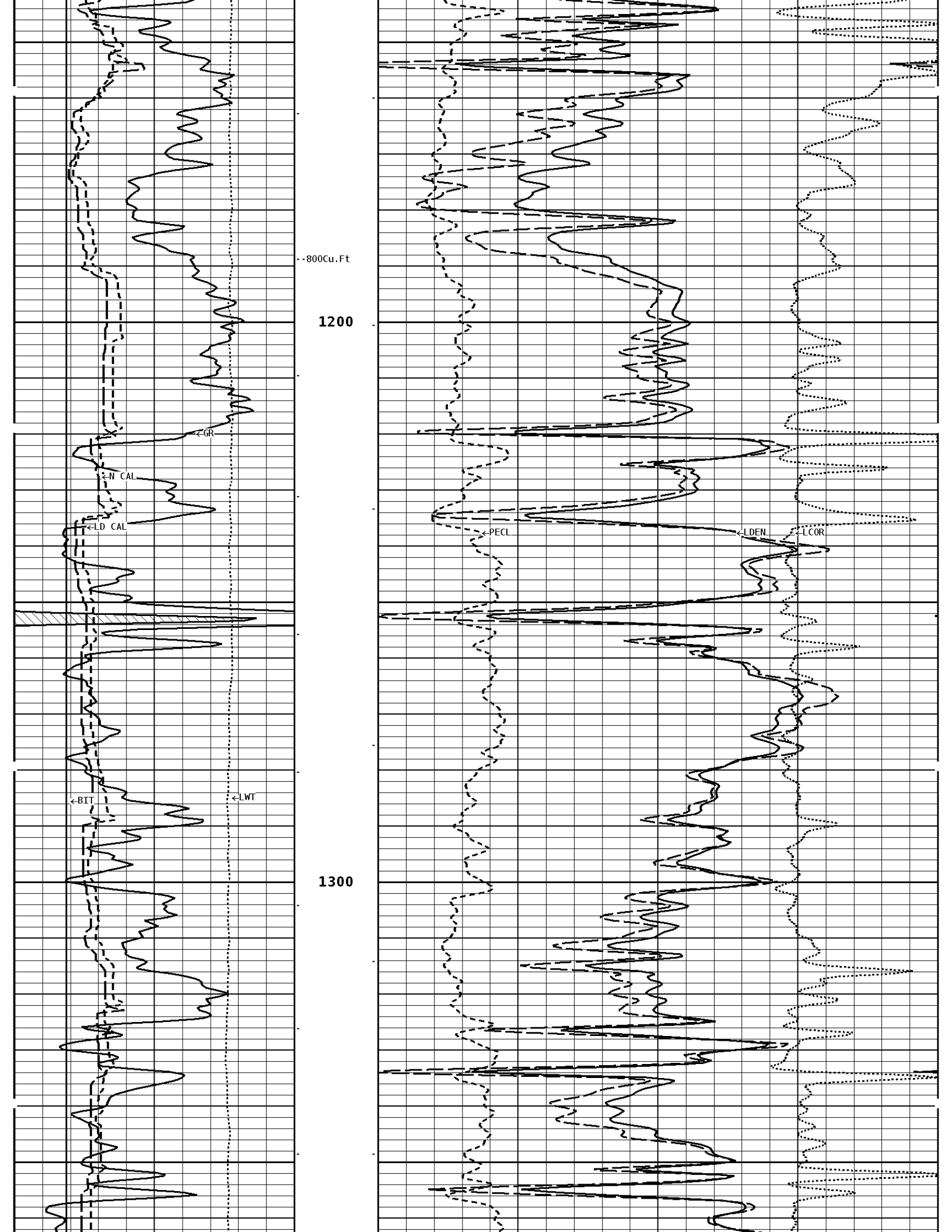
N CAL
LD CAL
BIT
LWT
PECL
PORL
LDEN
LCOR
800
900


900Cu.Ft
1000
500Cu.Ft
1100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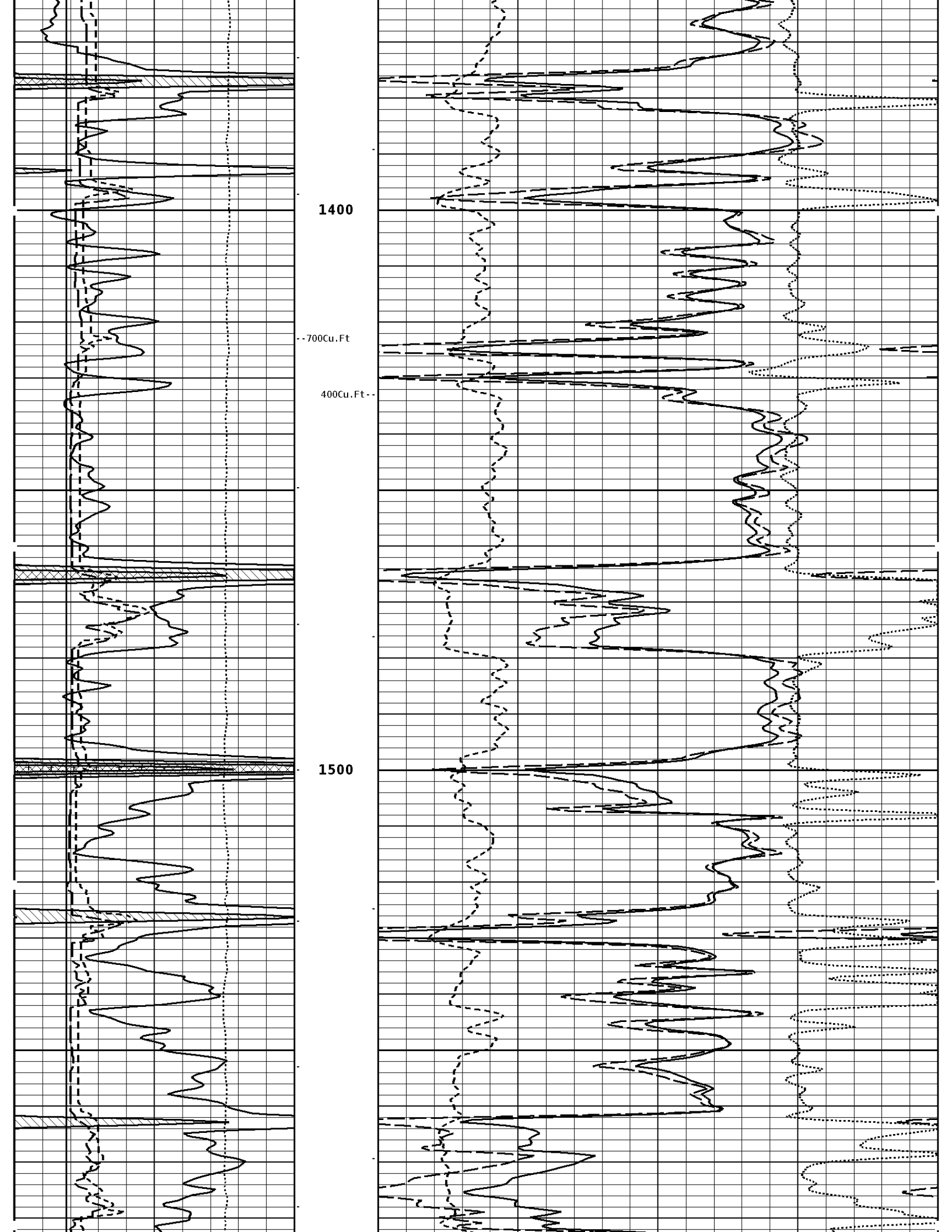
←LCOR
←BIT
←LWT
1300


1400
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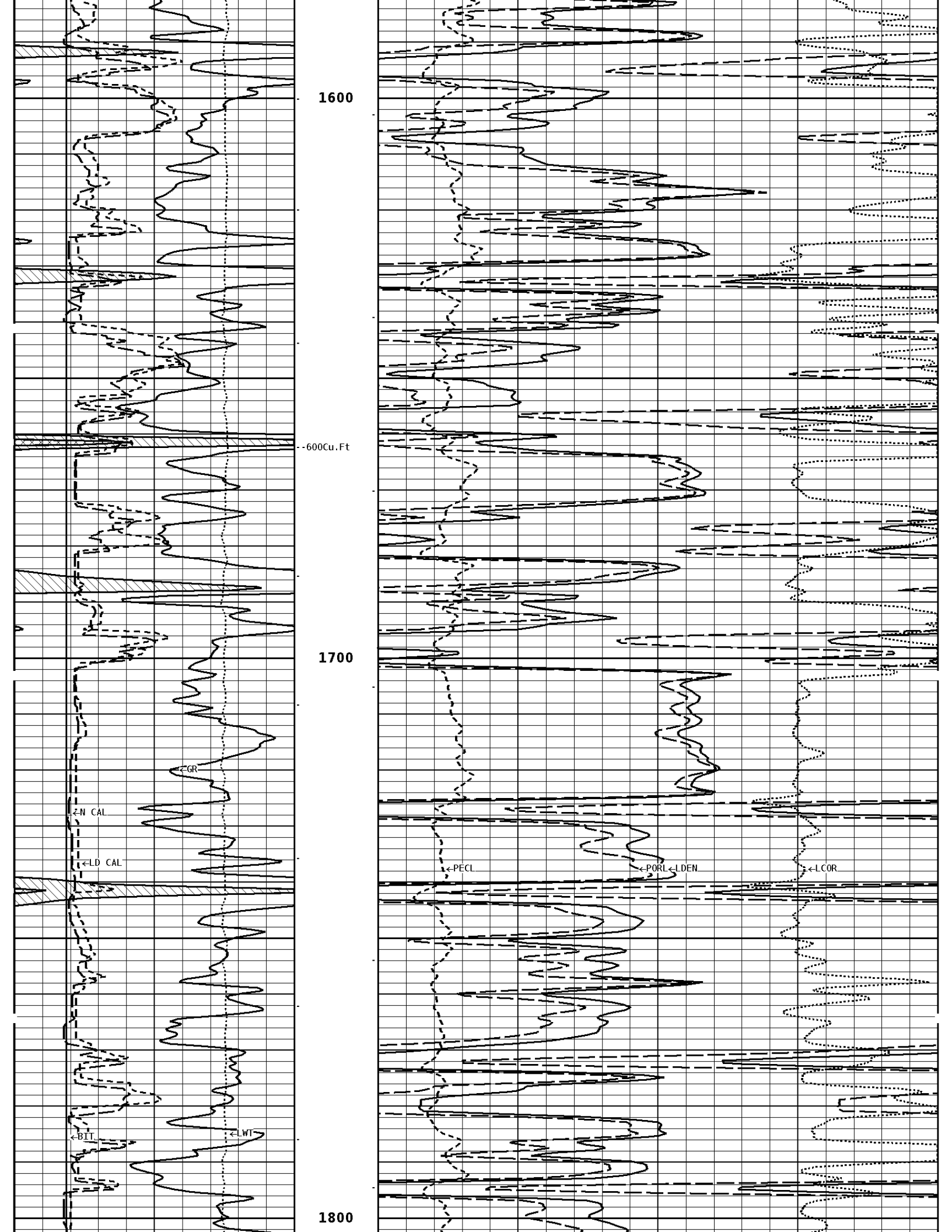
1500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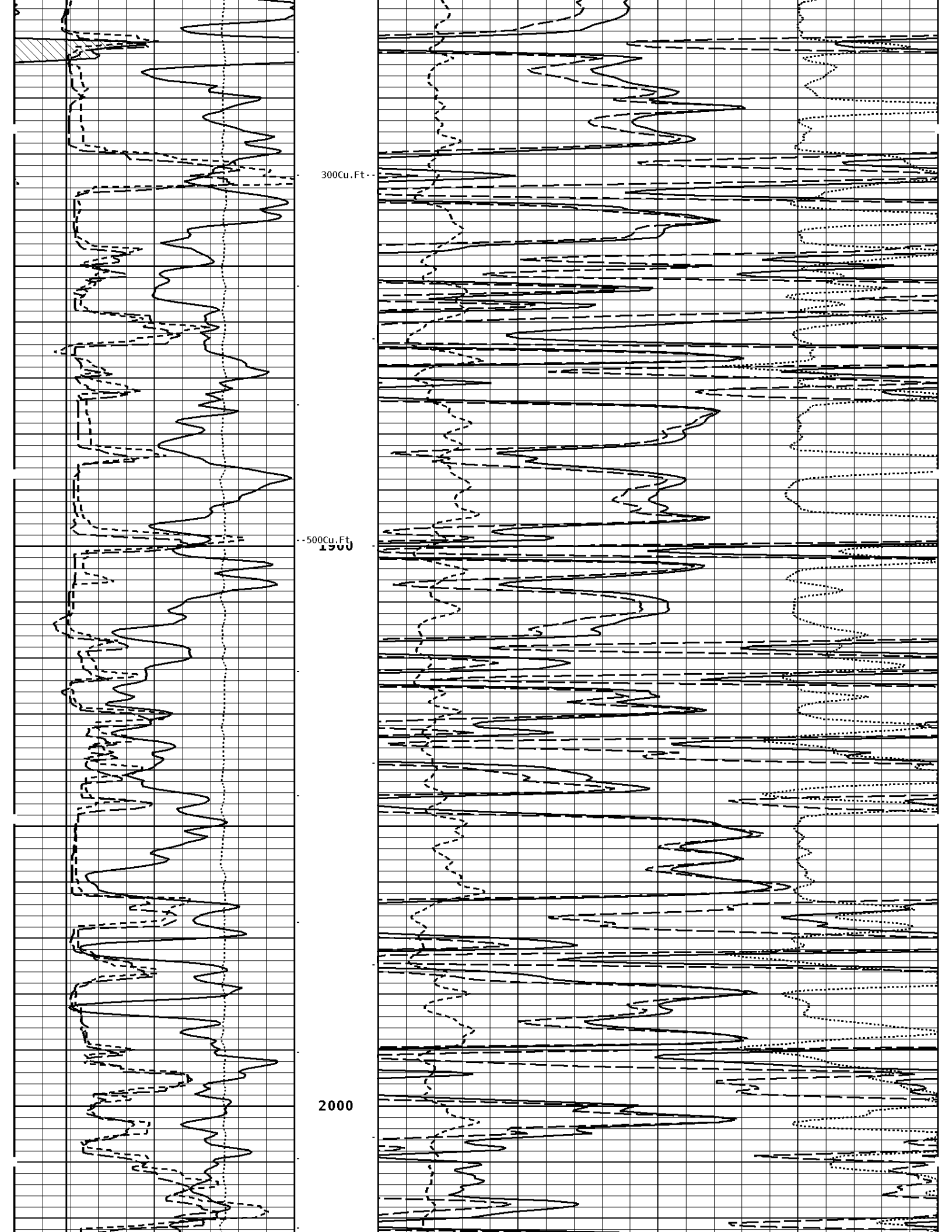
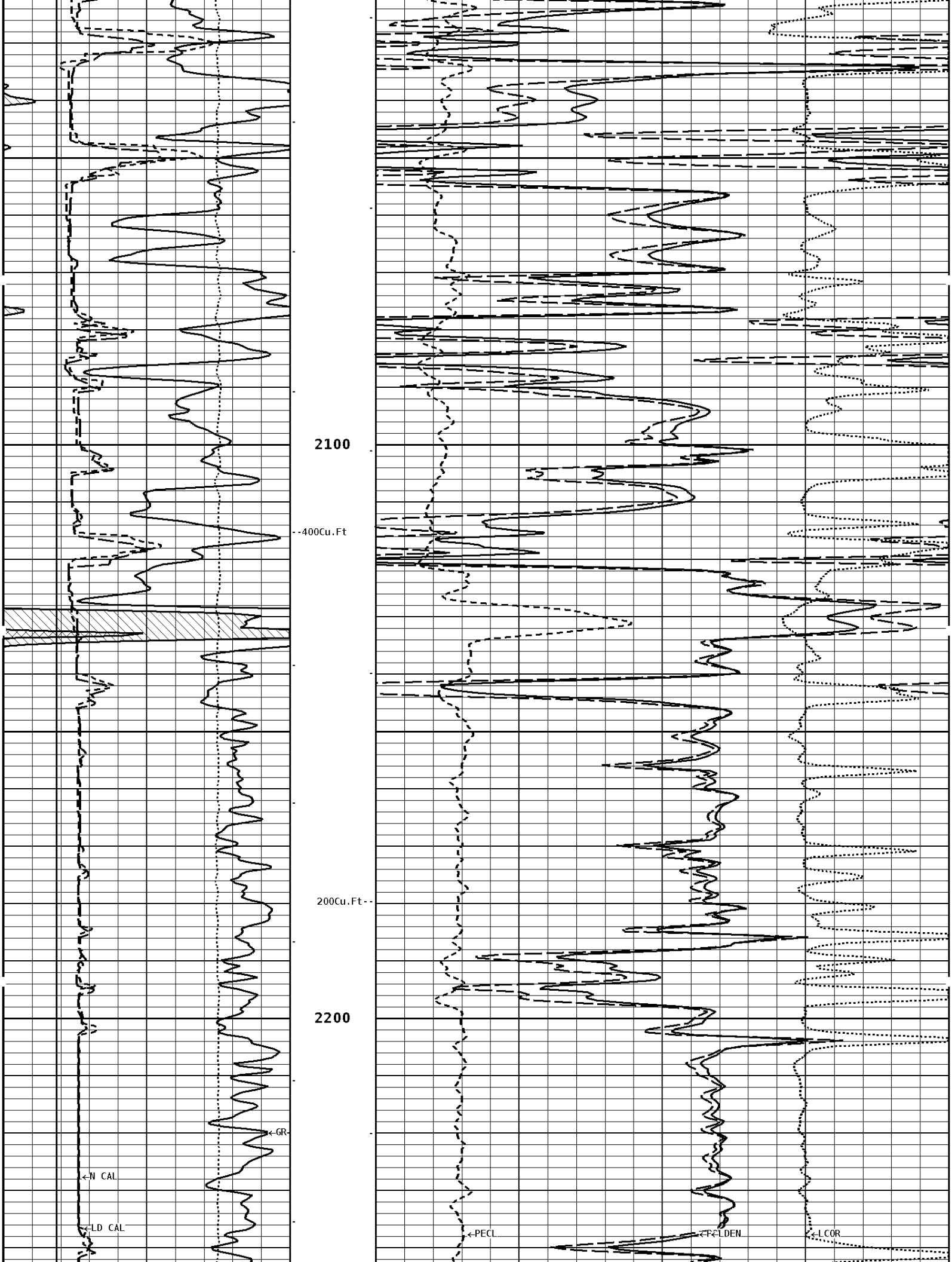
1700
GR
N CAL
LD CAL
PECL
PORL
LDEN
LCOR
BIT
LWT
1800


300Cu.Ft
500Cu.Ft
1900
2000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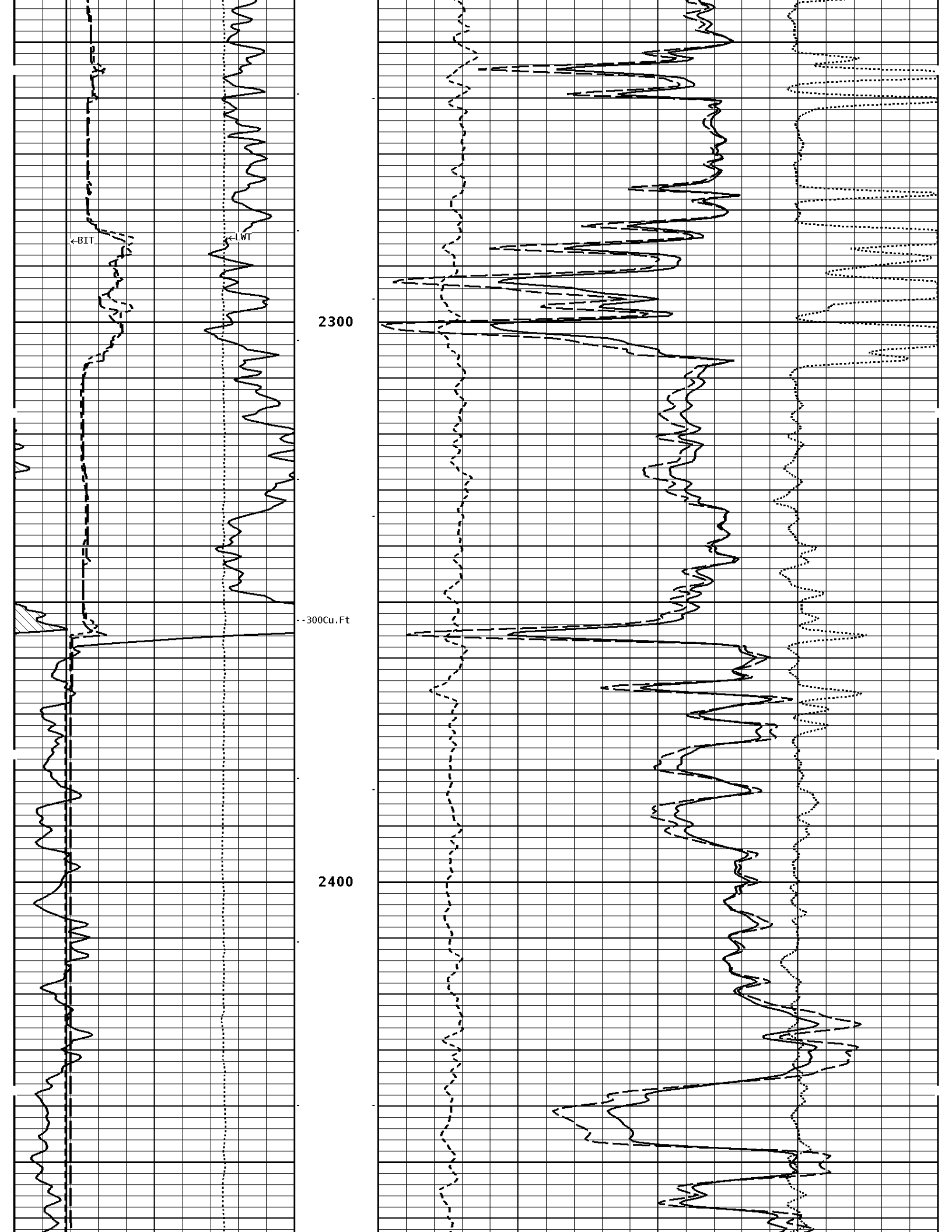
←PELDEN
←LCOR


←BIT
←LWT
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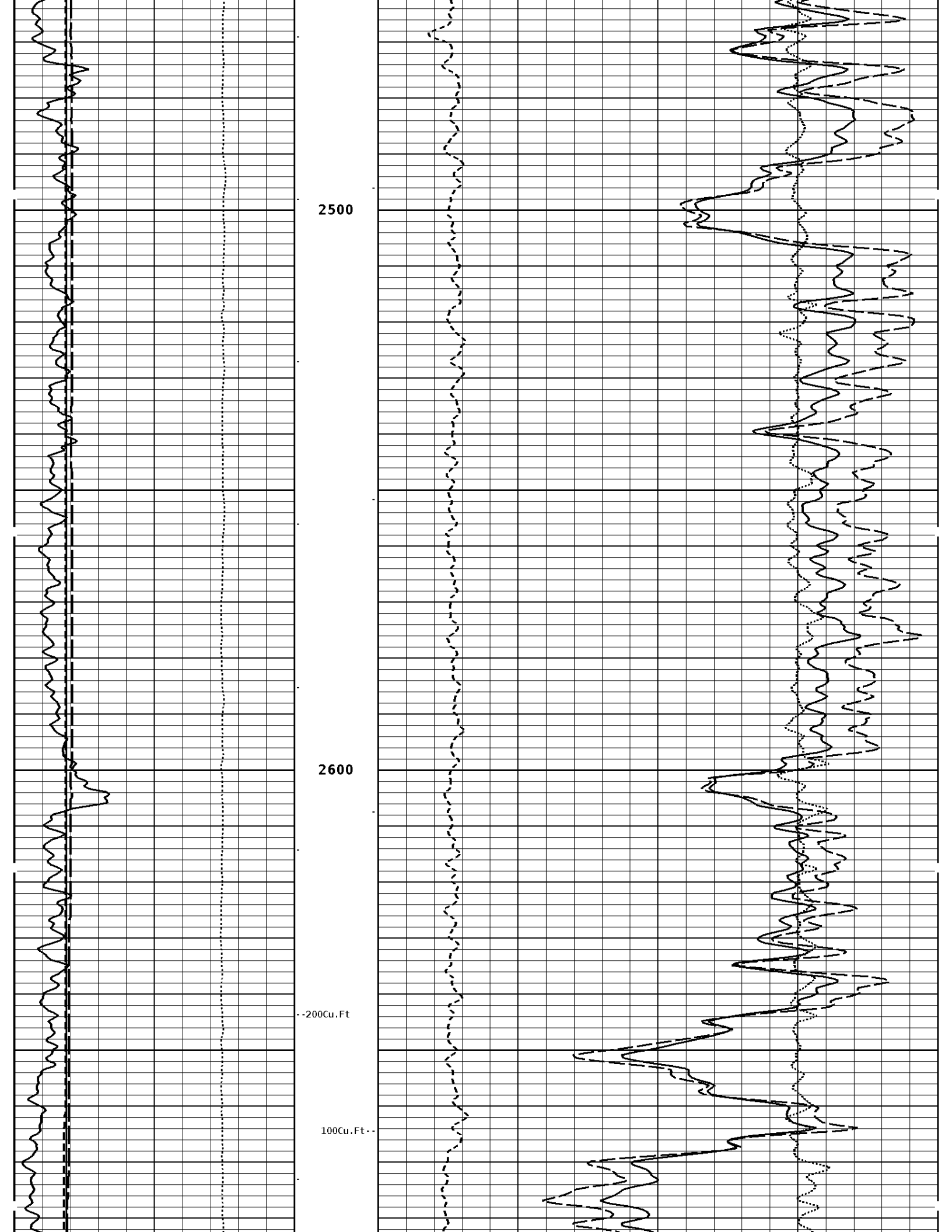
300Cu.Ft
2400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2600
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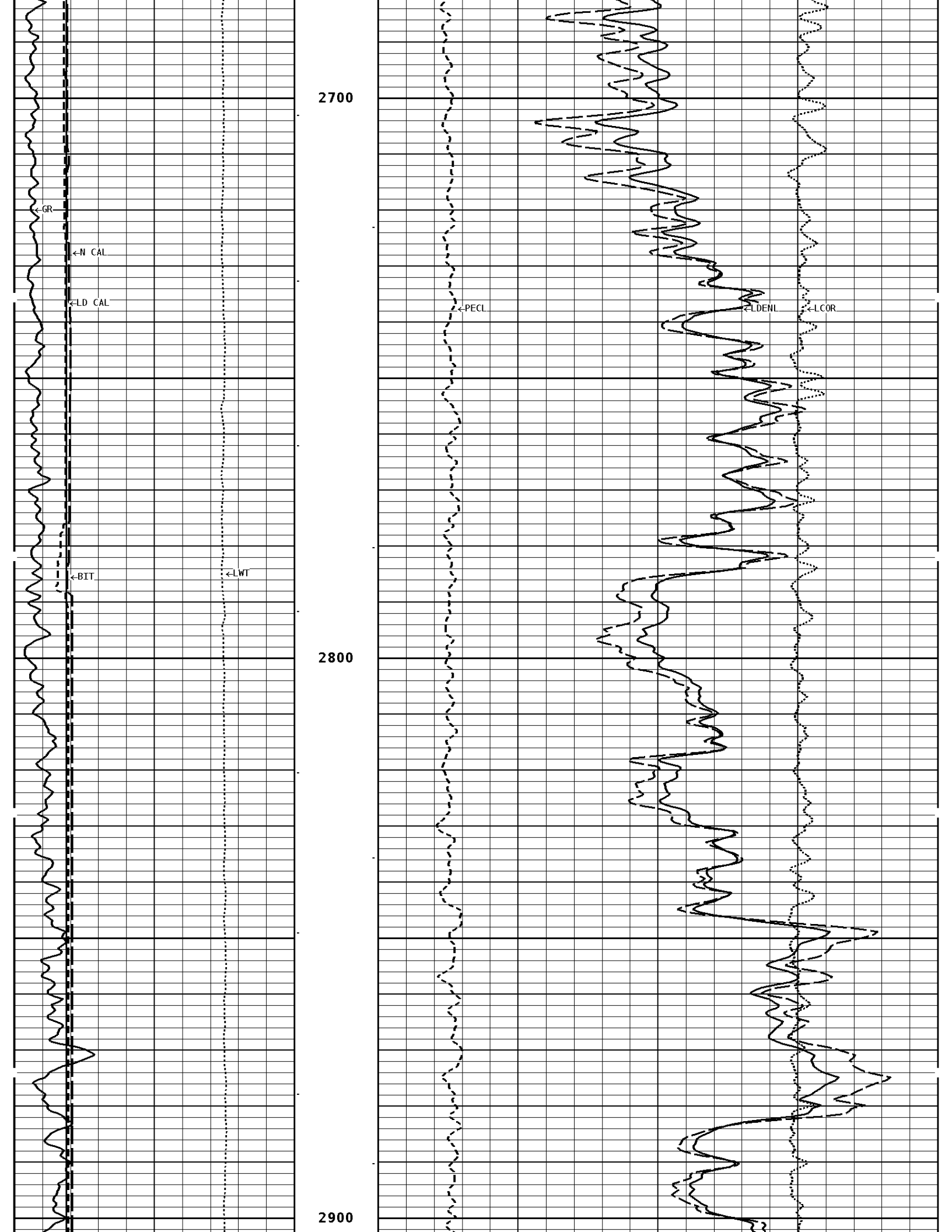
100Cu.Ft--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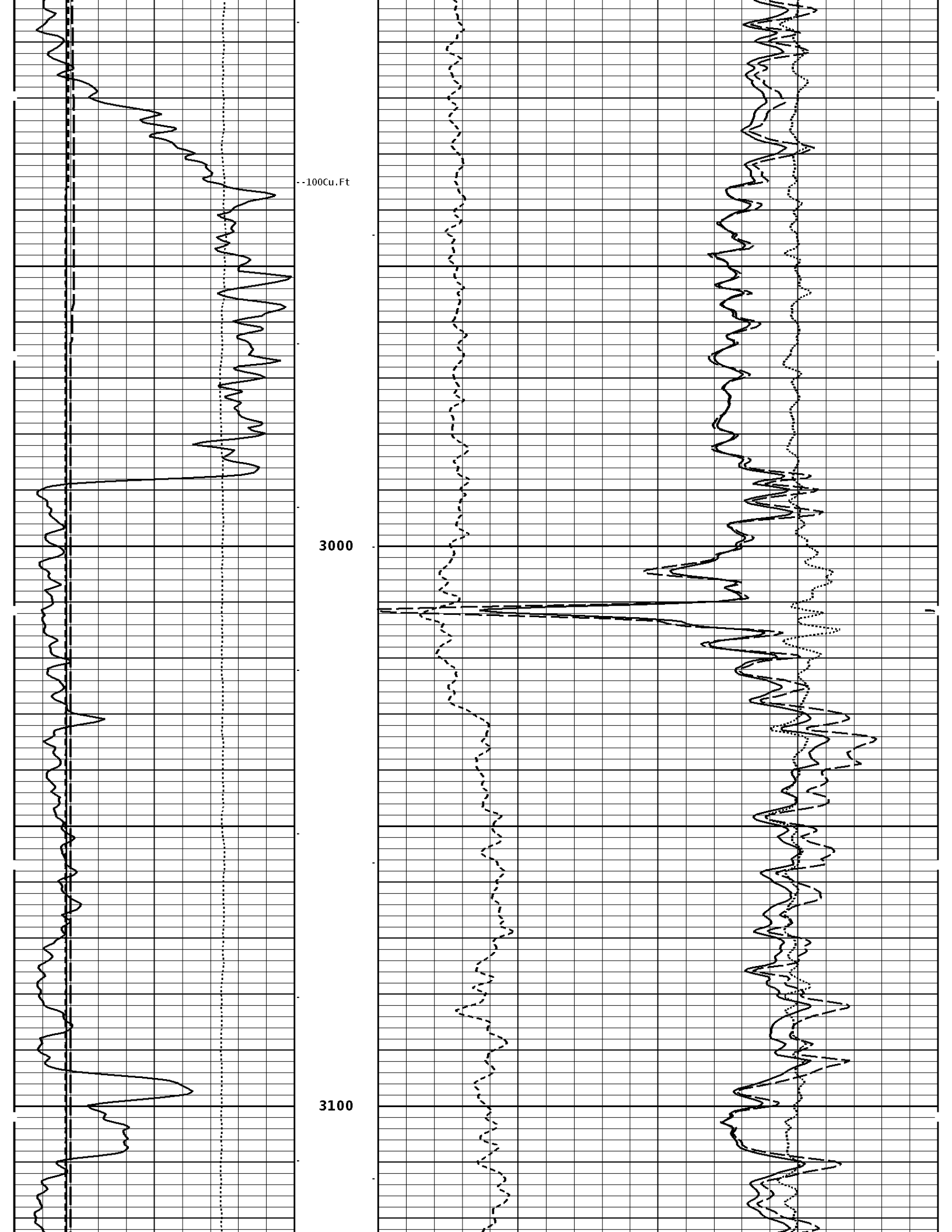
N CAL
LD CAL
BIT
LWT
2700
2800
2900
PECL
LDENL
LCOR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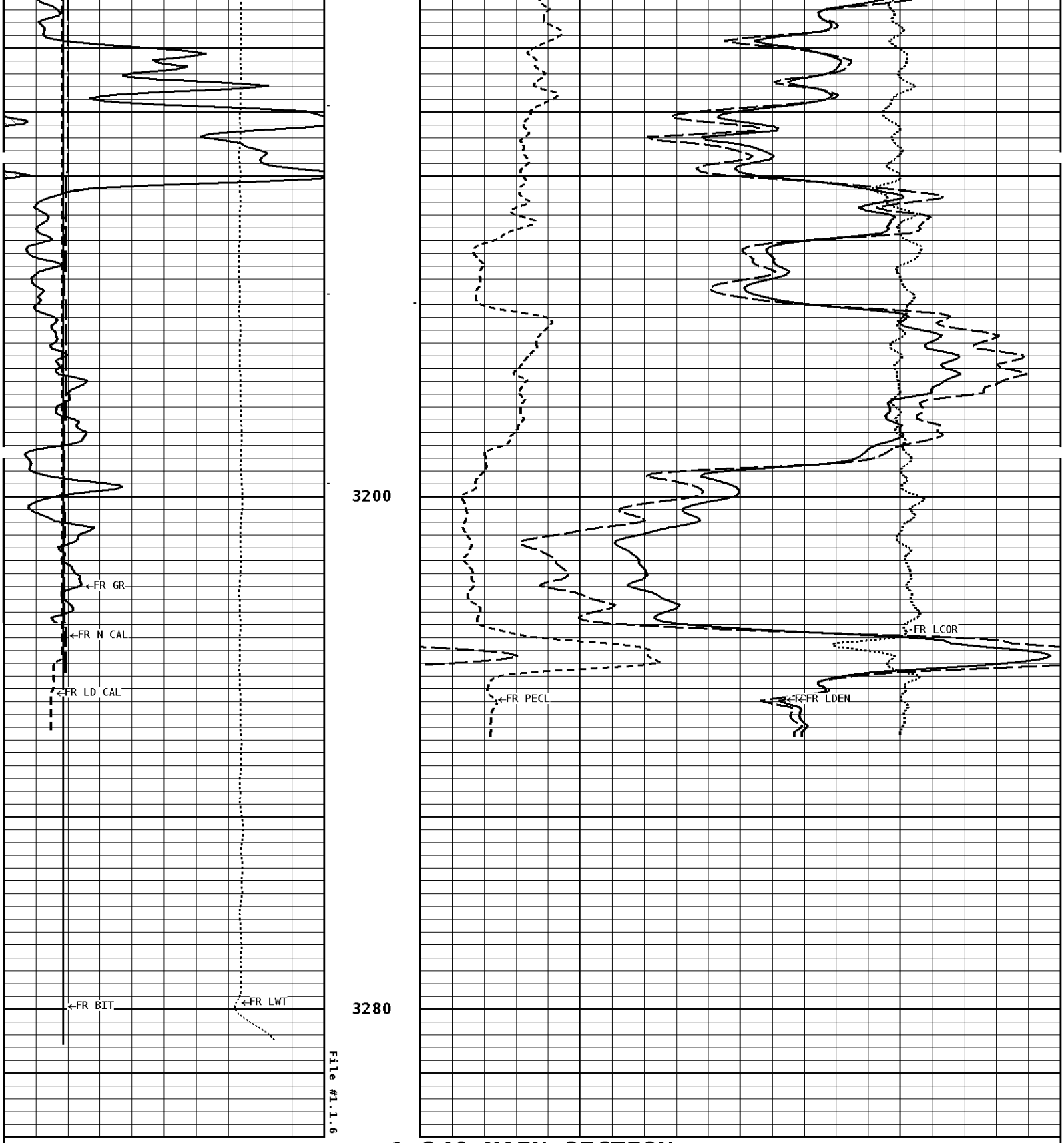


1:240 MAIN SECTION

BULK DENSITY

GAMMA RAY API UNITS	-BHV AHV- CU.FT	DENSITY POROSITY (2.71g/cc) PERCENT
150 300 0 150		70 30 30 -10 -10 -50
TENSION LBS		**COMPENSATED BULK DENSITY G/CC**
10000 0		3.0 4.0 2.0 3.0

1.0	2.0

DENSITY (X) CALIPER INCHES (IN)	
16	26
6	16

PE CROSS-SECTION BARNS/ELECTRON	
0	10

DENSITY CORRECTION G/CC	
-0.25	0.25

NEUTRON (Y) CALIPER INCHES (IN)	
16	26
6	16

BIT SIZE INCHES (IN)	
6	16

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 Feet

Matrix Density	2.71	g/cc
Fluid Density	1.00	g/cc
Formation Matrix	Limestone	
Drill Bit Size	7.875	in
Casing Diameter	5.500	in
Casing Correction (PHI N)	Disable	

* Calibration Summary *

Shop Calibration GRT-B

Performed : 02-DEC-2013 Time : 16:24
Sensor Suite : GR-GR5 ID : GRT-BB-117

	Measured Background	Measured Jig	Units	Calibrated Jig	Units
GR	48	357	CPS	175	GRAPI

Shop Calibration CNT-AA

Performed : 23-SEP-2013 Time : 12:22
Sensor Suite : CALI-BCN ID : NDT-BB-033

	Jig - Measured Ring#1	Jig - Measured Ring#2	Jig - Calibrated Ring#1	Jig - Calibrated Ring#2	Units
CL # 1	9.3	14.1	6.0	12.0	IN.

Performed : 18-Nov-2013 Time : 10:04
Sensor Suite : BHC NEUT ID : CNP-AA-115
Source ID : N-1048

	Tank Measured	Tank Calibrated	Verification Jig	Units
N/F	3.9673	3.6893	3.7081	
Porosity	25.0	20.5	20.8	%

Shop Calibration LDT-DA

Performed : 15-Aug-2012 Time : 11:15
Sensor Suite : CALI-LTH ID : PDT-GA-466

	Jig - Measured Ring#1	Jig - Measured Ring#2	Jig - Calibrated Ring#1	Jig - Calibrated Ring#2	Units
CL # 1	6.8	10.0	6.0	12.0	IN.

Performed : 03-Jul-2013 Time : 15:07
Sensor Suite : BHCPELNG ID : LDP-DA-01
Source ID : 1902GW

	BKGD	Short Space Al	Short Space Mg	Short Space Al+Fe	Units
LSW1	60	959	1550	627	CPS
LSW2	66	1142	1813	826	CPS
LSW3	245	2644	4266	2258	CPS
LSW4	301	2285	3303	2029	CPS
LSW5	29	49	54	47	CPS
LSW6	75	78	78	78	CPS
LSW7	49	52	52	52	CPS

LSW8	1	3	5	3	CPS
QS	0.212	0.201	0.204	0.201	
PES			2.778	5.967	
SSDN		2.600	1.680		G/CC

Long Space

	BKGD	Al	Mg	Al+Fe	Units
LLW1	108	1067	4368	665	CPS
LLW2	118	1918	7632	1409	CPS
LLW3	448	3640	13769	3164	CPS
LLW4	576	1788	5450	1638	CPS
LLW5	64	74	118	73	CPS
LLW6	183	179	168	176	CPS
LLW7	117	116	109	116	CPS
LLW8	4	7	17	6	CPS
QL	0.221	0.214	0.211	0.207	
PEL			2.697	5.458	
LSDN		2.600	1.680		G/CC

Shop Calibration
MST-DA

Performed : 02-DEC-2013 Time : 17:54
Sensor Suite : CALI-MSN ID : MST-DA-32

	Jig - Measured		Jig - Calibrated		Units
	Ring#1	Ring#2	Ring#1	Ring#2	
CL # 1	8.0	12.5	6.0	12.0	IN.

Performed : 02-DEC-2013 Time : 17:55
Sensor Suite : MSTDA-NI ID : MST-DA-32

Internal

	Measured			Calibrated		
	Zero	Reference	Units	Zero	Reference	Units
INV-V	0.0	29135.8		0.00	1346.00	MV
NOR-V	2.0	29712.6		0.00	1446.00	MV
IN-C	0.0	60040.9		0.00	15.46	UA
INV-R					28.16	OHMM
NOR-R					51.54	OHMM

Performed : 02-DEC-2013 Time : 17:55
Sensor Suite : MSTDAMSF ID : MST-DA-32

Internal

	Measured			Calibrated		
	Zero	Reference	Units	Zero	Reference	Units
MSFC	150.0	58600.0		0.00	1522.00	UA
MSFB	32800.0	62500.0		0.00	1522.00	MA
MOM1	150.0	5950.0		0.00	1522.00	MV
MSFRA					43.30	OHMM

Tucker ENERGY SERVICES

Company: EVERTSON OPERATING COMPANY, INC.

Well: GILSDORF #31-7

Location: 330' FNL & 2310' FEL

Logged: 12-08-2013

K.B. Elev: 1323.0 Ft

GOLSBY BROTHERS
WELL LOG SERVICE INC.

P.O. Box 1214, Ada, OK
Phone 580-332-5441
Fax 580-332-5442

Geological Website
Supervision

www.greatplainsoilers.com

Great Plains Oilers

Well Name: GLASSMAN NO. 1-15 H.B.
Location: 15-3N-7E, 1,320' FSL & 330' FEL, Hughes County, Oklahoma
Licensed By: Oklahoma Corporation Commission
Contractor: Nabors Drilling USA, LP, Rig 1 (Kelly Bushing Elevation: 854' G.L. 829')
Surface Coordinates: Oklahoma Zone, 1,173,178.00' E and 797,138.00' N
Bottom Hole Coordinates: 1,173,178.00' E and 797,138.00' N
Spud Date: 10/31/2013 Drilling Completed: 11/6/2013 Reached TD: 11/6/2013
Logged Interval: 3,000' To: 9,400' Total Depth: 9,400'
Type of Drilling Fluid: Chemical Gel Mud

Surface Casing: 9 5/8" @ 1,000' with 350 sacks cement
Production Casing: 5 1/2" @ 9,400' with 1,000 sacks cement

OPERATOR

Company: Continental Resources Inc.
Address: 20 N. Broadway, Oklahoma City, OK 73102
Phone: 405-234-9000

DRILLING

Mud Up: Spudded Surface,
Type Mud: Water Gel/Gel

Drilling Mud Properties: Conventional bottom hole mud

Mud Up: 4,000'
Type Mud: Chemical Gel

Drilling Mud Properties: Conventional bottom hole mud

Mud Up: 6,000' Kick Off Point
Type Mud: Oil Base Mud

Drilling Mud Properties: Conventional bottom hole mud

Mud Up: 8,000'
Type Mud: Oil Base Mud

Drilling Mud Properties: Conventional bottom hole mud

Mud Up: 8,500'
Type Mud: Oil Base Mud

Drilling Mud Properties: Conventional bottom hole mud

Mud Up: 9,000'
Type Mud: Oil Base Mud

Drilling Mud Properties: Conventional bottom hole mud

DRILLING

Drilled 12 1/4" hole to 1,000'. Ran 9 5/8" casing to 1,000'. Cemented with 350 sacks cement. Drilled 8 3/4" hole to 9,400' TD. Ran 5 1/2" casing to 9,400'. Cemented with 1,000 sacks cement.

COMMENTS

Drilling Contractor: Nabors Drilling Rig 1
Mud Logging Unit: Golsby Brothers
Rig Manager: Jason Golsby
Mud Logger: Jason Golsby, Garrett Gurnett

Rig Crew: Contractor, Tool Pusher, Driller, Derrick Hand, Floor Hand

Pumps: Nabors Rig 1 Pump #1 and Pump #2

Mud Engineer: Mike Johnson, Rig Engineer, Swaco, Computerized Machine, Lithia Blending, Mid-Am-Log

MUD TYPES

Fresh Water	Lime	Gyp/Anhy	Lost Circ.
Salt Water	Gyp	Oil Base	Aerated
Brine	Polymer	Gas Cut	Foam
Gel Chem	Starch	Cement	Air

ACCESSORIES

Abundant	Barite	Fossil	Mica
Anhydrite	Bentonite	Gilsonite	Pyrite
Asphaltic	Calcite	Glauconite	Sandy
Bentonite	Carbonaceous	Gypsum	Shaly
Calcareous	Chert	Kaolinite	Silty
Carbonaceous	Coal	Lignite	Sparry
Cherty	Dolomite	Limestone	Trace
Dolomitic	Fossil	Marly	Very
Fossiliferous	Gilsonite	Micaceous	Waxy
Glauconitic	Glauconite	Pyritic	Weathered
Gypsiferous	Gypsum	Sandy	
Kaolinitic	Kaolinite	Shaly	
Limestone	Lignite	Silty	
Marly	Limestone	Sparry	
Micaceous	Marly	Trace	
Pyritic	Micaceous	Very	
Sandy	Pyritic	Waxy	
Shaly	Sandy	Weathered	
Silty	Shaly		
Sparry	Silty		
Trace	Sparry		
Very	Trace		
Waxy	Very		
Weathered	Waxy		
	Weathered		

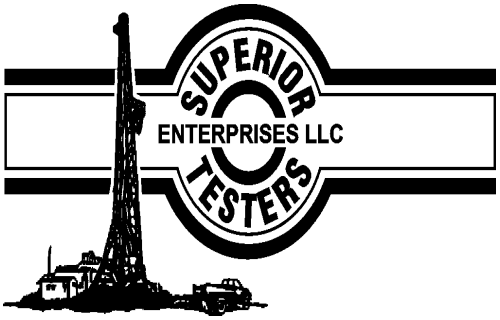
OTHER SYMBOLS

Sidewall Core	Oil Indication	Fracture	Irregular
Core	Gas Indication	Vertical	Even
DST	Fluorescence	Horizontal	Abundant
	Vug	Slickensided	Rare
LITHOLOGY CHART	Oolitic	Conchoidal	
Anhydrite	Pisolitic	Fissile	
Bentonite	Reef	Blocky	
Chert	Stromatolitic		
Coal	Fossiliferous		
Dolomite	Algal		
Gilsonite	Bioturbated		
Gypsum	Burrowed		
Kaolinite			
Limestone			
Lignite			
Marl			
Shale			
Siltstone			
Sandstone			
Tuff			

Gamma Ray 0 API 150
Caliper 6 in 16
Resistivity 0.2 ohm 2000
Deep Resistivity 0.2 ohm 2000
Shallow Resistivity 0.2 ohm 2000
Neutron Porosity 45 % -15
Density Porosity 45 % -15
Photoelectric Factor 0 barns/e 10
Rate of Penetration 0 min/ft 60

Geological Description

Tan and light brown limestone, mudstone to wackestone, fossiliferous, chalky in part, trace dark brown shale, trace pyrite, trace disseminated anhydrite, trace gray chert, trace light brown dolomite, trace gray shale, trace light gray limestone, trace light brown limestone



DRILL STEM TEST REPORT

Prepared For: **Evertson Operating Company, Inc.**

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145

ATTN: Steve Schindler

Gilsdorf #31-7

7/7s/12e/Pottawatomie

Start Date: 2013.12.03 @ 21:06:00
End Date: 2013.12.04 @ 05:00:30
Job Ticket #: 18607 DST #: 1

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

Printed: 2013.12.04 @ 05:24:50

DRILL STEM TEST REPORT

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18607 **DST#: 1**

Test Start: 2013.12.03 @ 21:06:00

GENERAL INFORMATION:

Formation: **Upper Hutton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:24:00
Time Test Ended: 05:00:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3330/

Interval: 2357.00 ft (KB) To 2367.00 ft (KB) (TVD)
Total Depth: 2367.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

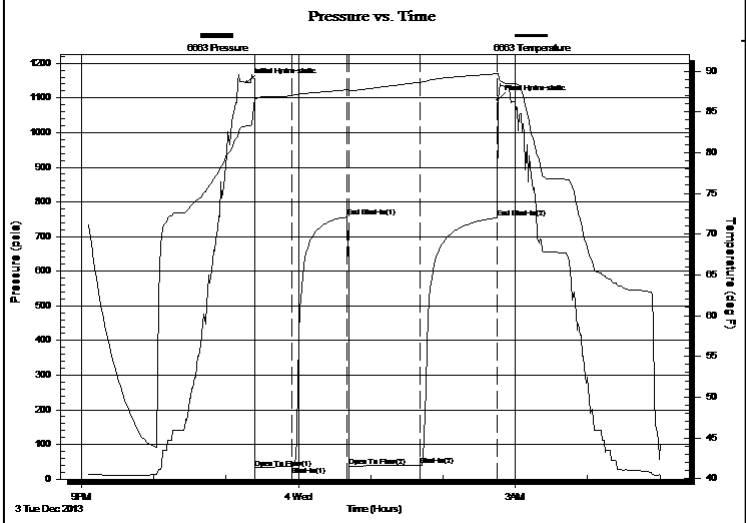
Reference Elevations: 1323.00 ft (KB)
1314.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6663 **Inside**

Press@RunDepth: 41.25 psia @ 2363.00 ft (KB)
Start Date: 2013.12.03 End Date: 2013.12.04
Start Time: 21:06:00 End Time: 05:00:30

Capacity: 5000.00 psia
Last Calib.: 2013.12.04
Time On Btm: 2013.12.03 @ 23:17:30
Time Off Btm: 2013.12.04 @ 02:45:30

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 1/2 inch in 5 gallon bucket of water.
1st Shut In/ 45 Minutes. No blow back.
2nd Open/ 60 Minutes. Weak surface blow that died after 40 minutes.
2nd Shut In/ 60 Minutes. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1145.03	83.33	Initial Hydro-static
7	32.30	86.35	Open To Flow (1)
37	35.85	86.99	Shut-In(1)
83	757.67	87.73	End Shut-In(1)
85	37.24	87.61	Open To Flow (2)
143	41.25	88.64	Shut-In(2)
207	754.42	89.68	End Shut-In(2)
208	1094.15	89.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% mud	0.05

Gas Rates

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

DRILL STEM TEST REPORT

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18607 **DST#: 1**

Test Start: 2013.12.03 @ 21:06:00

GENERAL INFORMATION:

Formation: **Upper Hutton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:24:00
Time Test Ended: 05:00:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3330/

Interval: 2357.00 ft (KB) To 2367.00 ft (KB) (TVD)
Total Depth: 2367.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

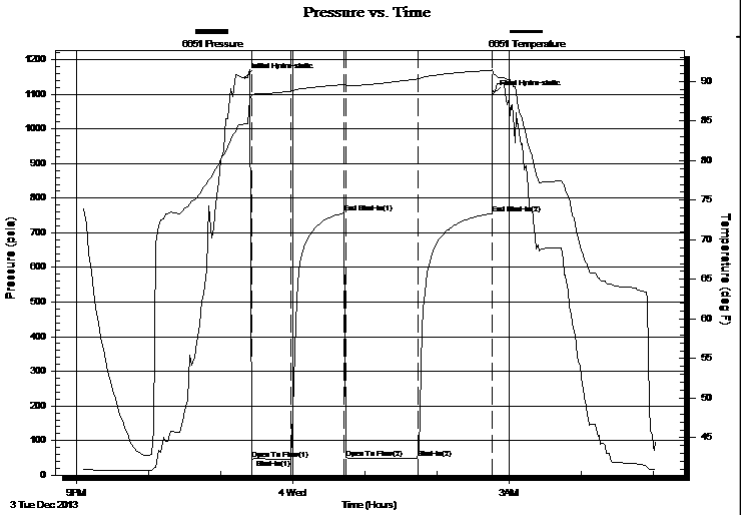
Reference Elevations: 1323.00 ft (KB)
1314.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6651 **Outside**

Press@RunDepth: 755.94 psia @ 2364.00 ft (KB)
Start Date: 2013.12.03 End Date: 2013.12.04
Start Time: 21:05:00 End Time: 05:01:30

Capacity: 5000.00 psia
Last Calib.: 2013.12.04
Time On Btm: 2013.12.03 @ 23:20:00
Time Off Btm: 2013.12.04 @ 02:46:00

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 1/2 inch in 5 gallon bucket of water.
1st Shut In/ 45 Minutes. No blow back.
2nd Open/ 60 Minutes. Weak surface blow that died after 40 minutes.
2nd Shut In/ 60 Minutes. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1147.40	84.60	Initial Hydro-static
6	46.65	88.14	Open To Flow (1)
38	46.18	88.75	Shut-In(1)
83	756.75	89.58	End Shut-In(1)
84	49.95	89.40	Open To Flow (2)
144	47.91	90.30	Shut-In(2)
206	755.94	91.41	End Shut-In(2)
206	1098.19	91.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% mud	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18607 **DST#: 1**

Test Start: 2013.12.03 @ 21:06:00

Tool Information

Drill Pipe:	Length:	2066.00 ft	Diameter:	3.80 inches	Volume:	28.98 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:		25000.00 lb
Drill Collar:	Length:	280.33 ft	Diameter:	2.25 inches	Volume:	1.38 bbl	Weight to Pull Loose:		52000.00 lb
					Total Volume:	30.36 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		18.33 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		2357.00 ft						Final	40000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		10.00 ft							
Tool Length:		39.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			2329.00		
Shut-In Tool	5.00			2334.00		
Hydroic Tool	5.00			2339.00		
Jars	6.00			2345.00		
Safety Joint	2.00			2347.00		
Packer	5.00			2352.00	29.00	Bottom Of Top Packer
Packer	5.00			2357.00		
Perforations	5.00			2362.00		
Recorder	1.00	6663	Inside	2363.00		
Recorder	1.00	6651	Outside	2364.00		
Bullnose	3.00			2367.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**39.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18607 **DST#: 1**

Test Start: 2013.12.03 @ 21:06:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	300.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

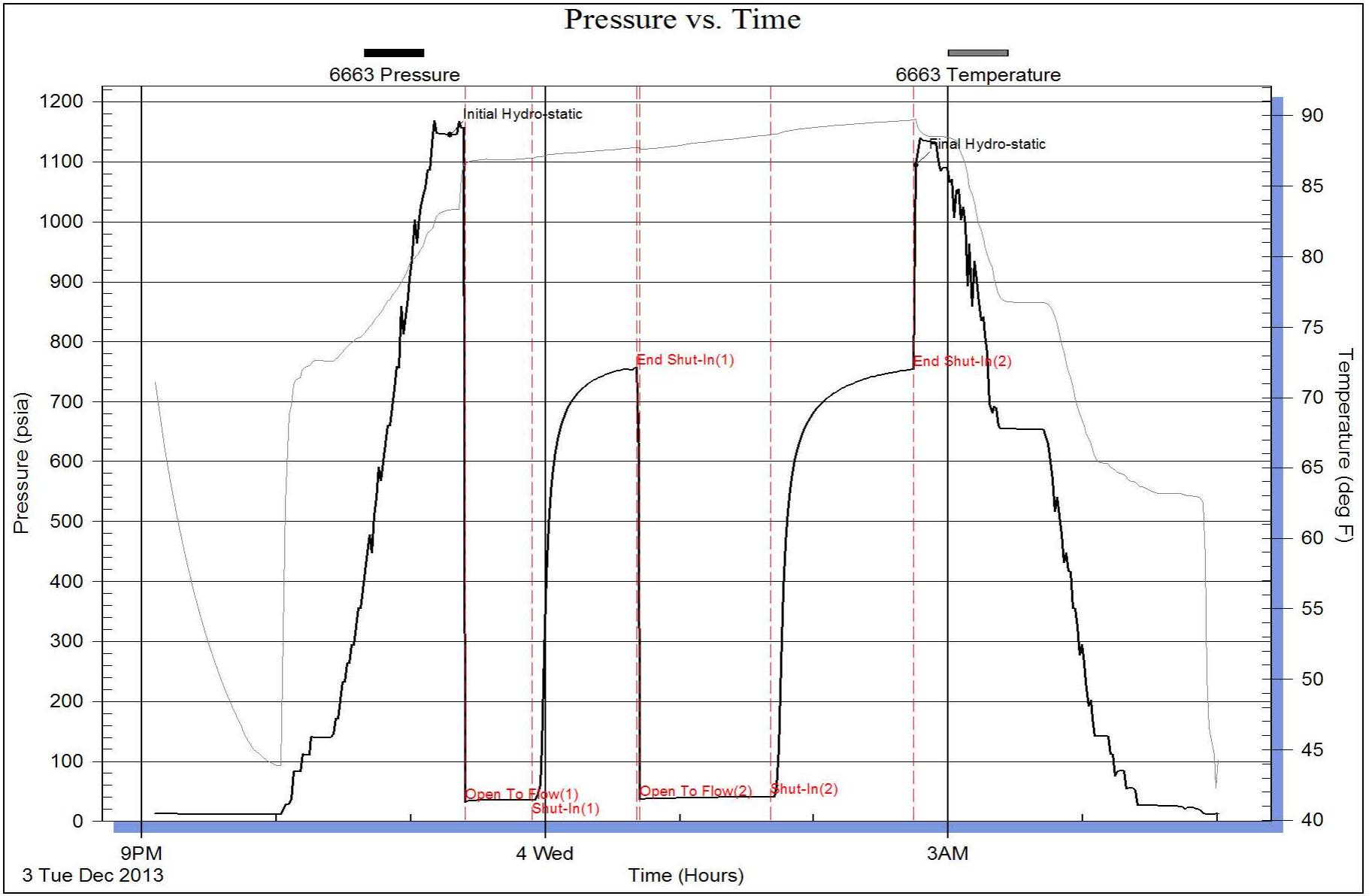
Recovery Table

Length ft	Description	Volume bbl
10.00	100% mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

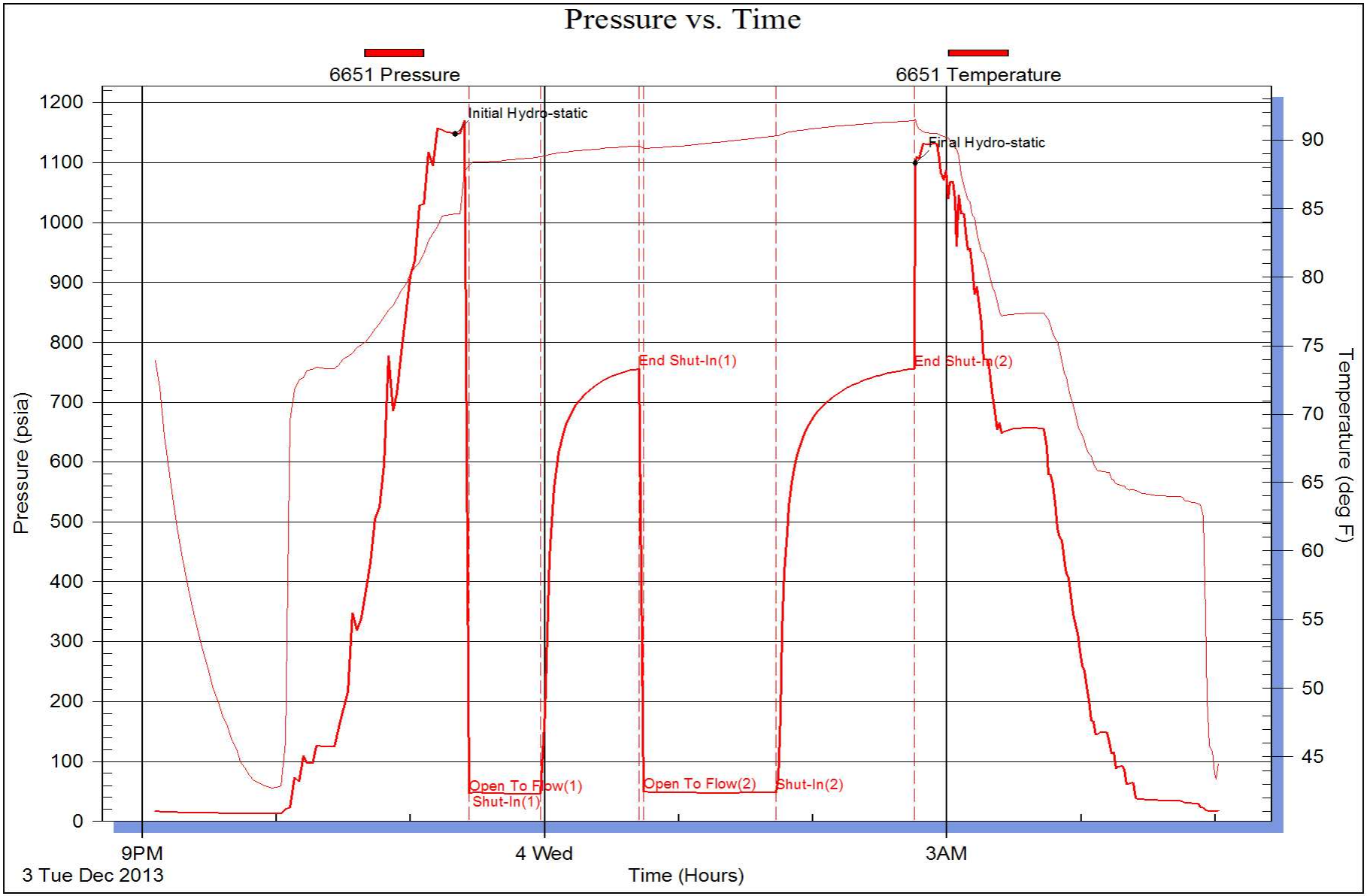
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6663 **Inside** Evertson Operating Company, Inc. Gilsdorf #31-7 DST Test Number: 1

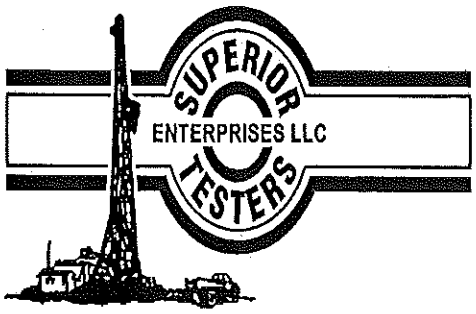


Superior Testers Enterprises LLC Ref. No: 18607 Printed: 2013.12.04 @ 05:24:51

Serial #: 6651 **Outside** Evertson Operating Company, Inc. Gilsdorf #31-7 DST Test Number: 1



Superior Testers Enterprises LLC Ref. No: 18607 Printed: 2013.12.04 @ 05:24:51



DRILL STEM TEST REPORT

Prepared For: **Evertson Operating Company, Inc.**

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145

ATTN: Steve Schindler

Gilsdorf #31-7

7/7s/12e/Pottawatomie

Start Date: 2013.12.06 @ 00:50:00
End Date: 2013.12.06 @ 11:16:00
Job Ticket #: 18608 DST #: 2

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

Printed: 2013.12.09 @ 04:50:39

DRILL STEM TEST REPORT

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18608 DST#: 2

Test Start: 2013.12.06 @ 00:50:00

GENERAL INFORMATION:

Formation: **Viola Dolamite**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:14:00
Time Test Ended: 11:16:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3330/400/Great Bend

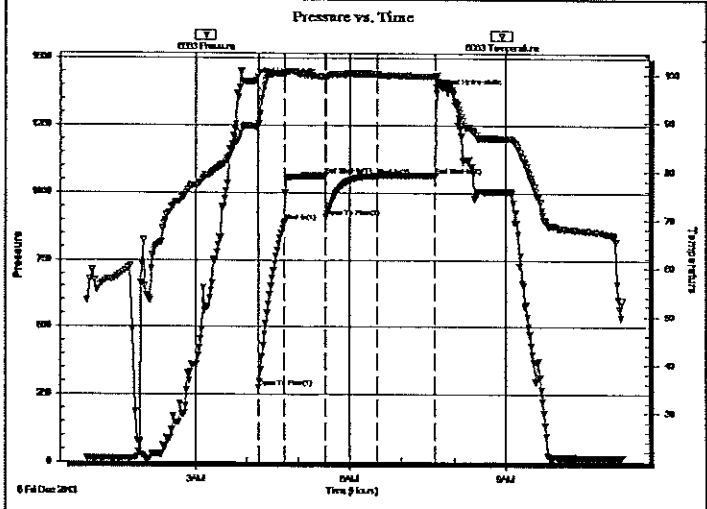
Interval: 2991.00 ft (KB) To 3009.00 ft (KB) (TVD)
Total Depth: 3009.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1323.00 ft (KB)
1314.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6663 **Inside**
Press@RunDepth: 1062.32 psia @ 3005.00 ft (KB)
Start Date: 2013.12.06 End Date: 2013.12.06
Start Time: 00:51:00 End Time: 11:16:00

Capacity: 5000.00 psia
Last Calib.: 2013.12.06
Time On Btm: 2013.12.06 @ 04:05:30
Time Off Btm: 2013.12.06 @ 07:40:30

TEST COMMENT: 1st Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket of deisel in 40 seconds.
1st Shut In/ 45 Minutes. No blow back.
2nd Open/ 60 Minutes. Strong blow built to bottom of 5 gallon bucket of deisel in 1 minute and 05 seconds.
BLow died back to weak surface blow at end of open.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1412.69	89.30	Initial Hydro-static
9	274.71	89.61	Open To Flow (1)
38	890.51	100.13	Shut-In(1)
86	1062.73	99.46	End Shut-In(1)
87	908.94	99.19	Open To Flow (2)
147	1062.32	99.94	Shut-In(2)
213	1063.71	99.58	End Shut-In(2)
215	1372.48	99.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
756.00	25% mud cut 75% water	8.05
1356.00	100% water	19.02
0.00	Chloride recov, 6000 ppm	0.00
0.00	resist recov, .21 at 40 degrees.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Evertson Operating Company, Inc.

4362 E Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18608 DST#: 2

Test Start: 2013.12.06 @ 00:50:00

GENERAL INFORMATION:

Formation: **Viola Dolamite**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:14:00
Time Test Ended: 11:16:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3330/400/Great Bend

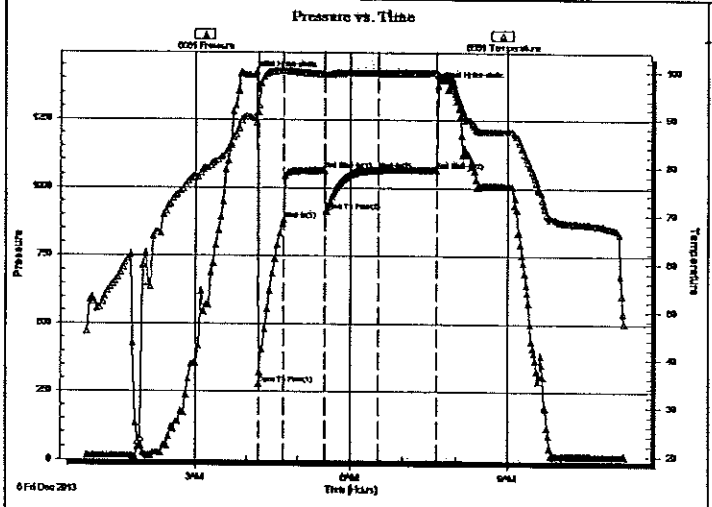
Interval: 2991.00 ft (KB) To 3009.00 ft (KB) (TVD)
Total Depth: 3009.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1323.00 ft (KB)
1314.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6651 **Outside**
Press@RunDepth: 1066.06 psia @ 3006.00 ft (KB)
Start Date: 2013.12.06 End Date: 2013.12.06
Start Time: 00:51:00 End Time: 11:15:30

Capacity: 5000.00 psia
Last Calib.: 2013.12.06
Time On Btm: 2013.12.06 @ 04:06:00
Time Off Btm: 2013.12.06 @ 07:40:00

TEST COMMENT: 1st Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket of deisel in 40 seconds.
1st Shut In/ 45 Minutes. No blow back.
2nd Open/ 60 Minutes. Strong blow built to bottom of 5 gallon bucket of deisel in 1 minute and 05 seconds.
BLow died back to weak surface blow at end of open.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1413.18	90.45	Initial Hydro-static
8	280.03	91.49	Open To Flow (1)
37	881.50	100.10	Shut-In(1)
85	1064.39	99.41	End Shut-In(1)
86	913.94	99.35	Open To Flow (2)
146	1064.39	99.67	Shut-In(2)
213	1066.06	99.67	End Shut-In(2)
214	1376.79	99.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
756.00	25% mud cut 75% water	8.05
1356.00	100% water	19.02
0.00	Chloride recov, 6000 ppm	0.00
0.00	resist recov, .21 at 40 degrees.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Evertson Operating Company, Inc.

4362 E Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18608 DST#: 2

Test Start: 2013.12.06 @ 00:50:00

Tool Information

Drill Pipe:	Length:	2689.00 ft	Diameter:	3.80 inches	Volume:	37.72 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:		25000.00 lb
Drill Collar:	Length:	280.33 ft	Diameter:	2.25 inches	Volume:	1.38 bbl	Weight to Pull Loose:		50000.00 lb
					Total Volume:	39.10 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		7.33 ft					String Weight:	Initial	38000.00 lb
Depth to Top Packer:		2991.00 ft						Final	42000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		18.00 ft							
Tool Length:		47.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			2963.00		
Shut-In Tool	5.00			2968.00		
Hydroic Tool	5.00			2973.00		
Jars	6.00			2979.00		
Safety Joint	2.00			2981.00		
Packer	5.00			2986.00	29.00	Bottom Of Top Packer
Packer	5.00			2991.00		
Perforations	13.00			3004.00		
Recorder	1.00	6663	Inside	3005.00		
Recorder	1.00	6651	Outside	3006.00		
Bullnose	3.00			3009.00	18.00	Bottom Packers & Anchor
Total Tool Length:	**47.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Evertson Operating Company, Inc.

4362 E Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18608 DST#: 2

Test Start: 2013.12.06 @ 00:50:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	300.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

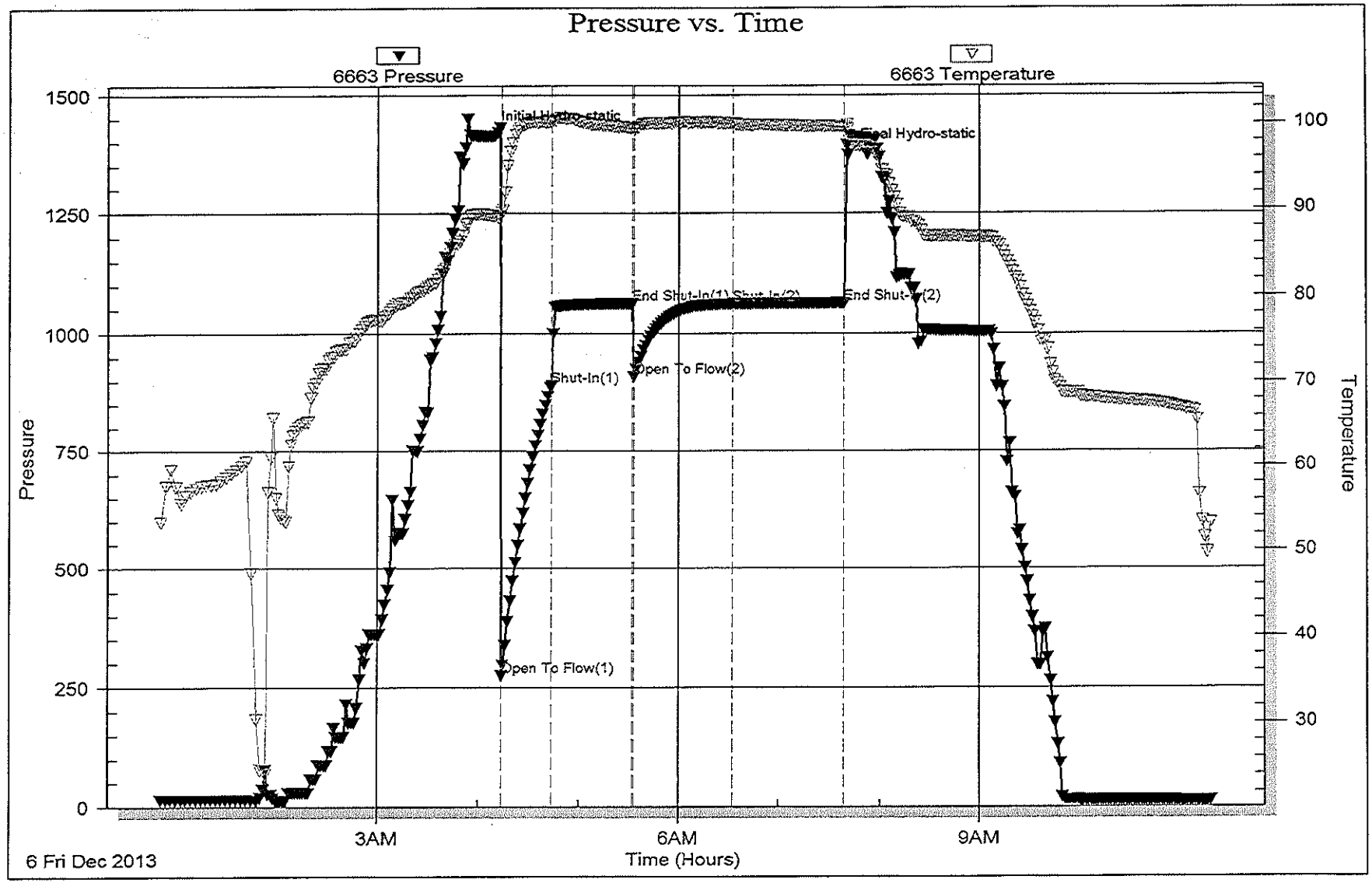
Recovery Table

Length ft	Description	Volume bbl
756.00	25% mud cut 75% w ater	8.051
1356.00	100% w ater	19.021
0.00	Chloride recov, 6000 ppm	0.000
0.00	resist recov, .21 at 40 degrees.	0.000

Total Length: 2112.00 ft Total Volume: 27.072 bbl

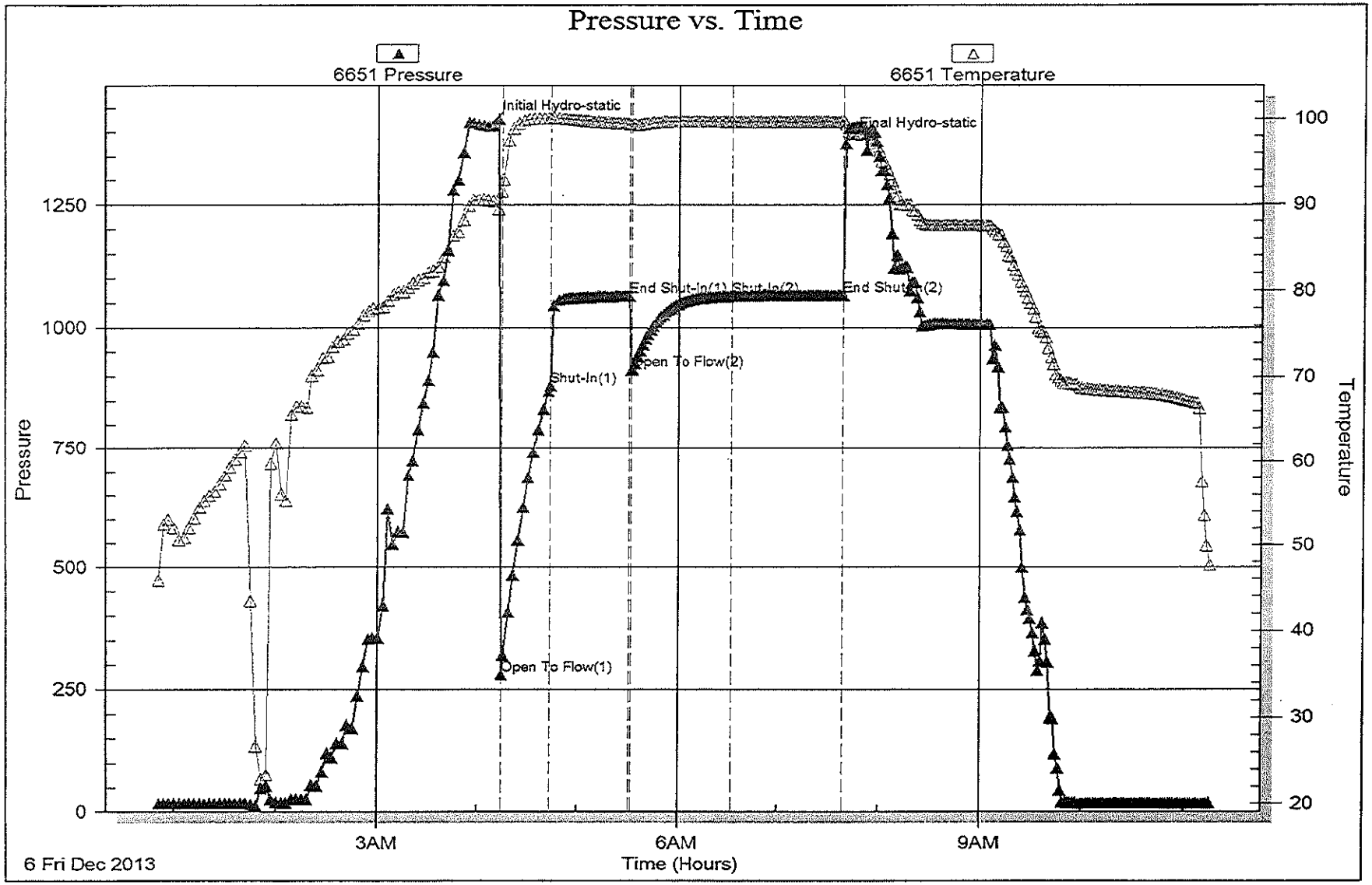
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6663 Inside Evertson Operating Company, Inc. Gilsdorf #31-7 DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 18608 Printed: 2013.12.09 @ 04:50:40

Serial #: 6651 Outside Evertson Operating Company, Inc. Gilsdorf #31-7 DST Test Number: 2



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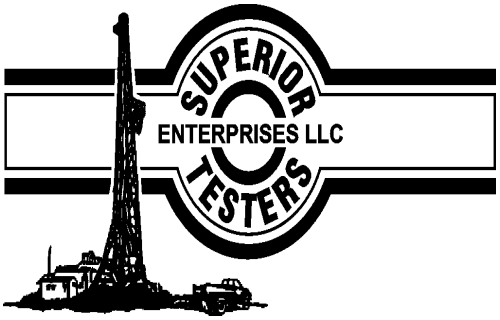


DRILL STEM TEST REPORT

Prepared For: **Evertson Operating Company, Inc.**

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145

ATTN: Steve Schindler

Gilsdorf #31-7

7/7s/12e/Pottawatomie

Start Date: 2013.12.07 @ 13:40:00
End Date: 2013.12.07 @ 21:45:30
Job Ticket #: 18609 DST #: 3

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

Printed: 2013.12.07 @ 22:02:12

DRILL STEM TEST REPORT

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18609 **DST#: 3**

Test Start: 2013.12.07 @ 13:40:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:30:30
Time Test Ended: 21:45:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3330/400/Great Bend

Interval: 3193.00 ft (KB) To 3211.00 ft (KB) (TVD)
Total Depth: 3211.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

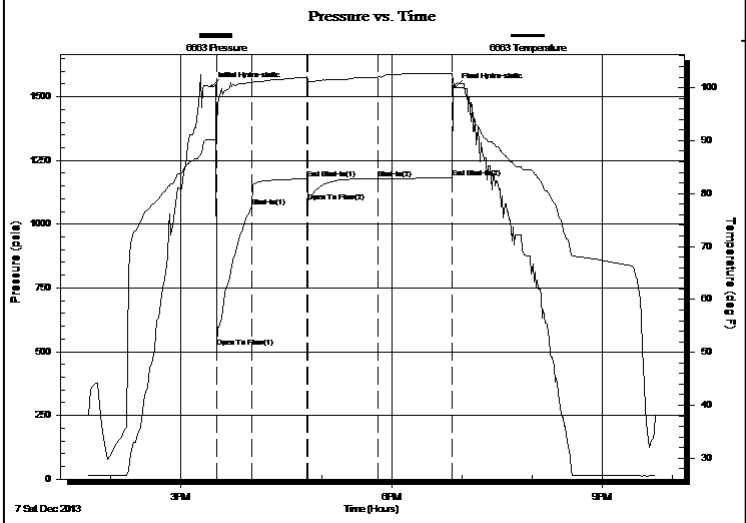
Reference Elevations: 1323.00 ft (KB)
1314.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6663 **Inside**

Press@RunDepth: 1179.28 psia @ 3207.00 ft (KB)
Start Date: 2013.12.07 End Date: 2013.12.07
Start Time: 13:40:00 End Time: 21:45:30

Capacity: 5000.00 psia
Last Calib.: 2013.12.07
Time On Btm: 2013.12.07 @ 15:26:30
Time Off Btm: 2013.12.07 @ 18:54:00

TEST COMMENT: 1st Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket in 40 seconds.
1st Shut In/ 45 Minutes. No blow back.
2nd Open/ 60 Minutes. Strong blow built to bottom of 5 gallon bucket in 40 seconds. BLow died in 30 minutes.
2nd Shut In/ 60 Minutes. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1539.93	90.24	Initial Hydro-static
4	516.92	92.73	Open To Flow (1)
34	1069.24	100.96	Shut-In(1)
81	1177.62	102.01	End Shut-In(1)
82	1088.75	101.51	Open To Flow (2)
142	1179.28	102.01	Shut-In(2)
206	1180.48	102.68	End Shut-In(2)
208	1537.33	100.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	25% mud, cut 75% w ater.	0.93
2142.00	100% w ater.	29.21
0.00	Chloride recov 7000 ppm	0.00
0.00	resist recov, .21 at 40 degrees.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18609 **DST#: 3**

Test Start: 2013.12.07 @ 13:40:00

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:30:30
Time Test Ended: 21:45:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3330/400/Great Bend

Interval: 3193.00 ft (KB) To 3211.00 ft (KB) (TVD)
Total Depth: 3211.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

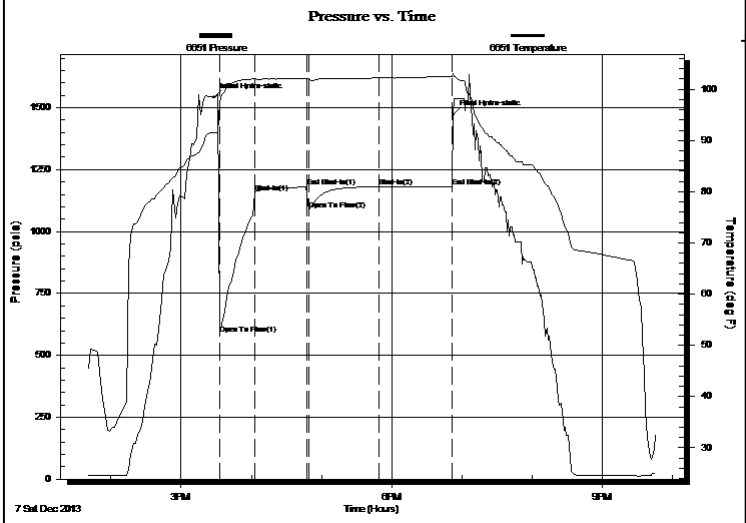
Reference Elevations: 1323.00 ft (KB)
1314.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6651 **Outside**

Press@RunDepth: 1182.11 psia @ 3208.00 ft (KB)
Start Date: 2013.12.07 End Date: 2013.12.07
Start Time: 13:40:00 End Time: 21:46:00

Capacity: 5000.00 psia
Last Calib.: 2013.12.07
Time On Btm: 2013.12.07 @ 15:28:00
Time Off Btm: 2013.12.07 @ 18:52:30

TEST COMMENT: 1st Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket in 40 seconds.
1st Shut In/ 45 Minutes. No blow back.
2nd Open/ 60 Minutes. Strong blow built to bottom of 5 gallon bucket in 40 seconds. BLow died in 30 minutes.
2nd Shut In/ 60 Minutes. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1541.73	91.59	Initial Hydro-static
5	587.80	97.34	Open To Flow (1)
35	1156.23	102.01	Shut-In(1)
79	1179.10	102.07	End Shut-In(1)
81	1087.47	102.03	Open To Flow (2)
141	1180.85	102.23	Shut-In(2)
204	1182.11	102.53	End Shut-In(2)
205	1471.89	103.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	25% mud, cut 75% w ater.	0.93
2142.00	100% w ater.	29.21
0.00	Chloride recov 7000 ppm	0.00
0.00	resist recov, .21 at 40 degrees.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18609 **DST#: 3**

Test Start: 2013.12.07 @ 13:40:00

Tool Information

Drill Pipe:	Length:	2910.00 ft	Diameter:	3.80	inches	Volume:	40.82	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	280.33 ft	Diameter:	2.25	inches	Volume:	1.38	bbl	
						Total Volume:	42.20	bbl	

Drill Pipe Above KB:	26.33 ft
Depth to Top Packer:	3193.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	18.00 ft
Tool Length:	47.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	66000.00 lb
Tool Chased	8.00 ft
String Weight: Initial	54000.00 lb
Final	58000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3165.00		
Shut-In Tool	5.00			3170.00		
Hydroic Tool	5.00			3175.00		
Jars	6.00			3181.00		
Safety Joint	2.00			3183.00		
Packer	5.00			3188.00	29.00	Bottom Of Top Packer
Packer	5.00			3193.00		
Perforations	13.00			3206.00		
Recorder	1.00	6663	Inside	3207.00		
Recorder	1.00	6651	Outside	3208.00		
Bullnose	3.00			3211.00	18.00	Bottom Packers & Anchor
Total Tool Length:	**47.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Evertson Operating Company, Inc.

4362 E. Hwy 30
P.O. Box 397
Kimball NE, 69145
ATTN: Steve Schindler

7/7s/12e/Pottawatomie

Gilsdorf #31-7

Job Ticket: 18609 **DST#: 3**

Test Start: 2013.12.07 @ 13:40:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.60 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	300.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	25% mud, cut 75% water.	0.929
2142.00	100% water.	29.215
0.00	Chloride recov 7000 ppm	0.000
0.00	resist recov, .21 at 40 degrees.	0.000

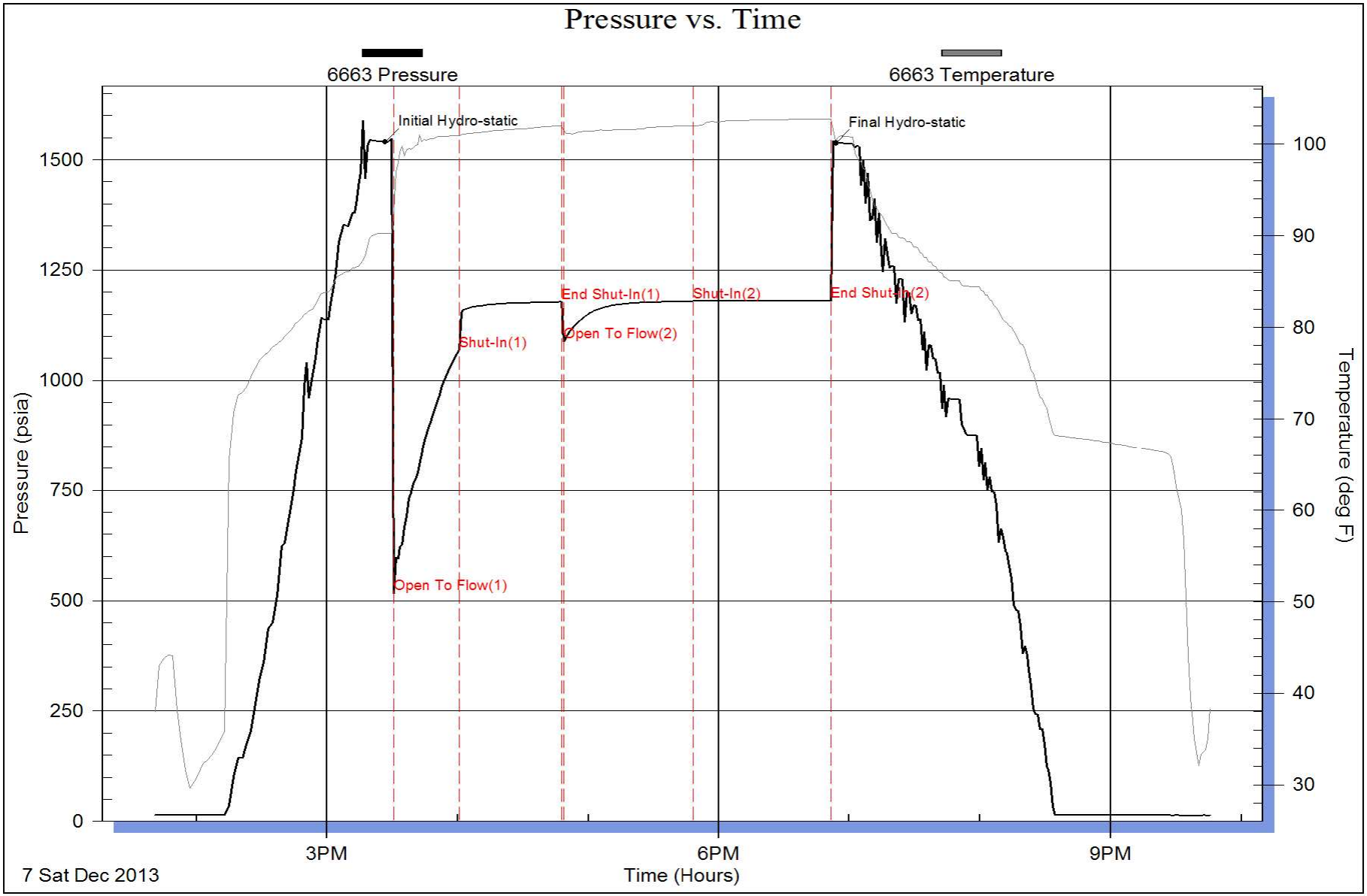
Total Length: 2331.00 ft Total Volume: 30.144 bbl

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

Laboratory Name: Laboratory Location:

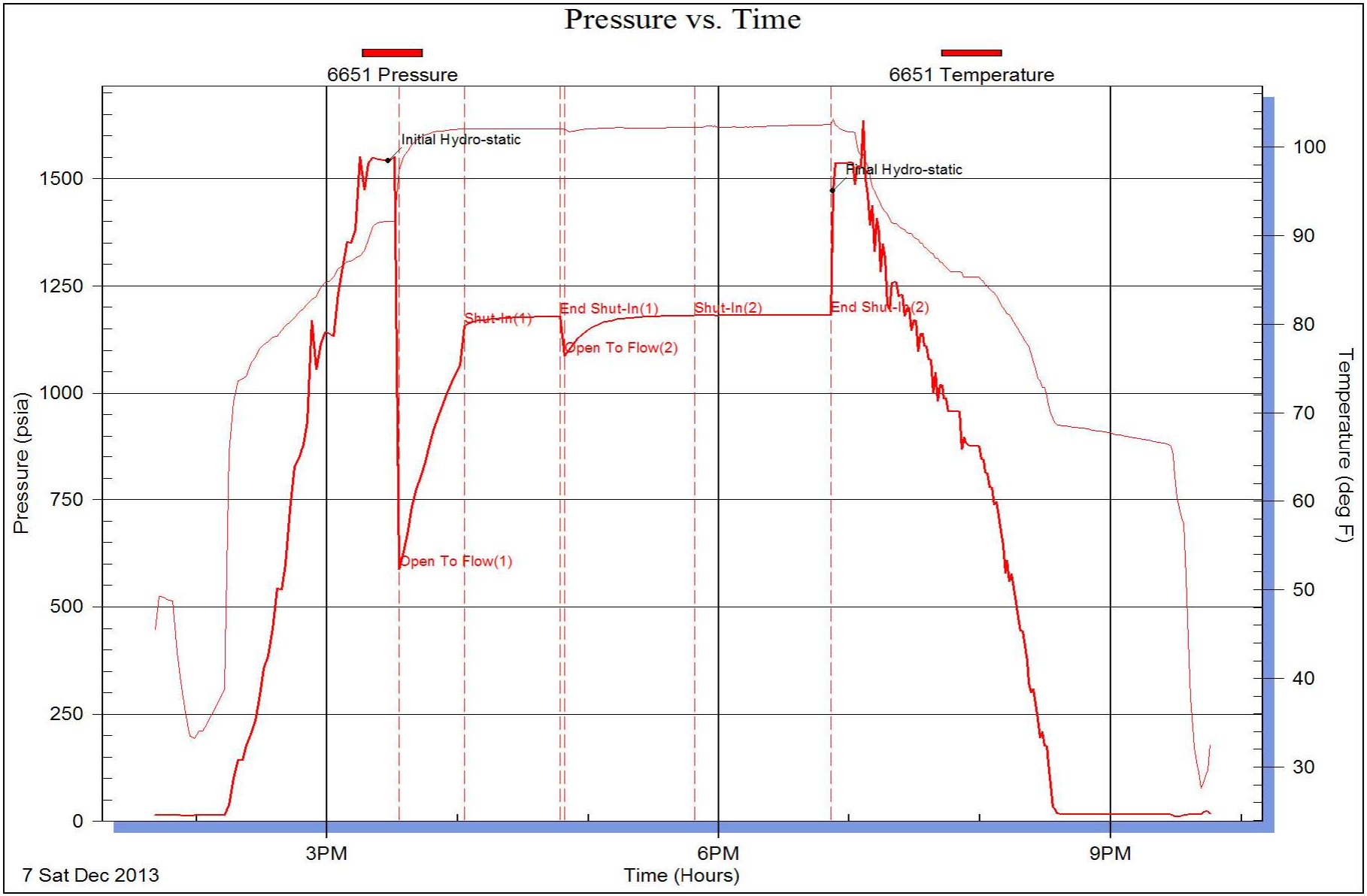
Recovery Comments: We dropped the bar and used the circulating sub per tool pusher.

Serial #: 6663 **Inside** Evertson Operating Company, Inc. Gilsdorf #31-7 DST Test Number: 3



Superior Testers Enterprises LLC Ref. No: 18609 Printed: 2013.12.07 @ 22:02:13

Serial #: 6651 **Outside** Evertson Operating Company, Inc. Gilsdorf #31-7 DST Test Number: 3



Superior Testers Enterprises LLC Ref. No: 18609 Printed: 2013.12.07 @ 22:02:14

CONSOLIDATED
Oil Well Services, LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

264261

TICKET NUMBER 45183
LOCATION Eureka, KS
FOREMAN David Gardner

FIELD TICKET & TREATMENT REPORT
CEMENT

API # 15-149-20069

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-21-13	5001	Gilsdorf #31-7	7	7	12	Pottawatomie

CUSTOMER: Everton Operating Company, Inc.
MAILING ADDRESS: P.O. Box 397
CITY: Kimball | STATE: NE | ZIP CODE: 69145

C&G Drlg. Rig #2

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Chris B.		
667	Zevi A.		

JOB TYPE S/P 0 | HOLE SIZE 12¼" | HOLE DEPTH 311' | CASING SIZE & WEIGHT 8 5/8" 24#
CASING DEPTH 309' | DRILL PIPE — | TUBING — | OTHER —
SLURRY WEIGHT 15.5# | SLURRY VOL 39 Bbl. | WATER gal/sk 5.2 | CEMENT LEFT in CASING 15' +/-
DISPLACEMENT 19.1 Bbl | DISPLACEMENT PSI | MIX PSI | RATE 5 Bpm.

REMARKS: Safety Meeting. Rig up to 8 5/8" casing. Break circulation w/ Fresh water. Mixed 160 sks Class "A" Cement w/ 2% Cacl2. + ½# Phenoseal/sk. Displace w/ 19.1 Bbls Fresh water. Shut well in. Good circulation @ all times. 9 Bbls cement slurry to pit. Job complete. Rig down.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00
5406	150	MILEAGE	4.20	630.00
1104S	160 sks	Class "A" Cement	15.70	2512.00
1102	300#	Cacl2 @ 2%	.78	234.00
1107A	80#	Phenoseal @ .5#/sk	1.35	108.00
5407A	7.52 Tons	Ton Mileage Bulk Truck	1.41	1590.48
			Subtotal	6159.48
		"Thank You" 7.15%	SALES TAX	204.06
			ESTIMATED TOTAL	6363.54

completed

Ravin 3737

AUTHORIZTION U. Gardner TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

CONSOLIDATED
Oil Well Services, LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

264261

TICKET NUMBER 45183
LOCATION Eureka, KS
FOREMAN David Gardner

FIELD TICKET & TREATMENT REPORT
CEMENT

API # 15-149-20069

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-21-13	5001	Gilsdorf #31-7	7	7	12	Pottawatomie

CUSTOMER: Everton Operating Company, Inc.
MAILING ADDRESS: P.O. Box 397
CITY: Kimball | STATE: NE | ZIP CODE: 69145

C&G Drlg. Rig #2

TRUCK #	DRIVER	TRUCK #	DRIVER
445	Chris B.		
667	Zevi A.		

JOB TYPE S/P 0 | HOLE SIZE 12¼" | HOLE DEPTH 311' | CASING SIZE & WEIGHT 8 5/8" 24#
CASING DEPTH 309' | DRILL PIPE — | TUBING — | OTHER —
SLURRY WEIGHT 15.5# | SLURRY VOL 39 Bbl. | WATER gal/sk 5.2 | CEMENT LEFT in CASING 15' +/-
DISPLACEMENT 19.1 Bbl | DISPLACEMENT PSI | MIX PSI | RATE 5 Bpm.

REMARKS: Safety Meeting. Rig up to 8 5/8" casing. Break circulation w/ Fresh water. Mixed 160 sks Class "A" Cement w/ 2% Cacl2. + ½# Phenoseal/sk. Displace w/ 19.1 Bbls Fresh water. Shut well in. Good circulation @ all times. 9 Bbls cement slurry to pit. Job complete. Rig down.

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1107A	80#	Phenoseal @ .5#/sk	1.35	108.00
5407A	7.52 Tons	Ton Mileage Bulk Truck	1.41	1590.48
			Subtotal	6159.48
		"Thank You" 7.15%	SALES TAX	204.06
			ESTIMATED TOTAL	6363.54

completed

Ravin 3737

AUTHORIZTION U. Gardner TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

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

May 09, 2014

Tanya Thacker
Evertson Operating Company, Inc.
4362 E Hwy 30
PO BOX 397
KIMBALL, NE 69145

Re: ACO-1
API 15-149-20069-00-00
Gilsdorf 31-7
NE/4 Sec.07-07S-12E
Pottawatomie County, Kansas

Dear Tanya Thacker:

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

The above referenced well was spudded on 12/02/2013 and the ACO-1 was received on May 09, 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