



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1070887
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1070887

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Eternity Exploration, LLC
Well Name	Betty Werth 3
Doc ID	1070887

All Electric Logs Run

Dual Induction
Compensated Density/Neutron
Micro
Sonic

REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

539

DATE 10/24/11 SEC. 7	RANGE/TWP. 10S-25W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Betty Werth			WELL # 3	COUNTY Graham	STATE KS

CONTRACTOR WW 10	OWNER Eternity Exploratin			
TYPE OF JOB Surf Cas				
HOLE SIZE 12 1/8	T.D. 214	CEMENT		
CASING SIZE 8 1/2	DEPTH 218	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	165	@ 15" 2357
DISPLACEMENT	SHOE JOINT	POZMIX		@
CEMENT LEFT IN CSG.		GEL	3	@ 26 78"
PERFS		CHLORIDE	5	@ 52 260"
		ASC		@
EQUIPMENT				@
PUMP TRUCK				@
#				@
BULK TRUCK				@
#				@
BULK TRUCK				@
#				@
		HANDLING	175	@ 2 371"
		MILEAGE	28	@ 17 484"
		TOTAL		

REMARKS	SERVICE Surface		
Circ Cement to Pit	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	10
	EXTRA FOOTAGE	@	
Plug Down @ 7:15	MILEAGE 28	@ 6.22	564
	MANIFOLD	@	
		@ 2	112.00
	TOTAL		

CHARGE TO: Eternity	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment and furnish staff 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	@
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE

PRINTED NAME Marty Mills

Schippers Oilfield Services LLC

RR 1 Box 90D
Hoxie, KS 67740

Phone # 785-675-8974 sosllc@rurattel.net
Fax # 785-675-9938

Invoice

Date 10/24/2011
Invoice # 539

Bill To
Eternity Exploration, LLC 338 Spyglass Drive Coppell, TX. 75019

Ship To

P.O. # Betty Werth #3
Terms Net 30

Ship Date 10/24/2011
Due Date 11/23/2011
Other

Item	Description	Qty	Price	Amount
Cement	Common	165	15.50	2,557.50T
Gel		3	26.00	78.00T
chloride	calcium chloride	5	52.00	260.00T
Handling of mater...	per sack	173	2.15	371.95
Mileage and labor		28	17.00	476.00
Pump truck charge	Tri- plex pump charge		950.00	950.00
Pump truck mileage	To and From location	56	6.50	364.00
Light vehicle mile...	To and From Location	56	2.00	112.00

TAKE 10% DISCOUNT IF PAID WITHIN 20 DAYS. DEDUCT FROM TOTAL.

Schippers Oilfield Services LLC

Subtotal \$5,169.45
Sales Tax (5.55%) \$160.70
Total \$5,330.15
Payments/Credits \$0.00
Balance Due \$5,330.15

pd. 11-15-11
CH # 1529
Less 10% -533.01
4,797.14
terminal to Betty Werth # 3 DTI

Walt Dimkel 785 822-4352



REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE Invoice # 245496

Invoice Date: 10/31/2011 Terms: 10/10/30,n/30 Page 1

ETERNITY EXPLORATION
338 SPY GLASS DRIVE
COPPELL TX 75019
() -

BETTY WERTH #3
33688
7-10S-25W
10-31-2011
KS

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	175.00	21.4800	3759.00
1131	60/40 POZ MIX	430.00	14.3500	6170.50
1118B	PREMIUM GEL / BENTONITE	3322.00	.2400	797.28
1107	FLO-SEAL (25#)	107.50	2.6600	285.95
1142A	KCL SUB MB6875 CC3107 (1	2.00	39.1000	78.20
1144G	MUD FLUSH (SALE)	1000.00	1.0000	1000.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	3850.0000	3850.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	413.0000	413.00
4130	CENTRALIZER 5 1/2"	10.00	58.0000	580.00
4104	CEMENT BASKET 5 1/2"	2.00	276.0000	552.00
Sublet Performed				
9999-130	CASH DISCOUNT			-1748.59
9999-130	CASH DISCOUNT			-464.44
Description				
399	CEMENT PSI CHARGES	1.00	2700.00	2700.00
399	EQUIPMENT MILEAGE (ONE WAY)	40.00	5.00	200.00
399	TON MILEAGE DELIVERY	1104.05	1.58	1744.40

*pd - 11-26-11
Ch # 1534*

Amount Due 23450.51 if paid after 11/30/2011

Parts:	17485.93	Freight:	.00	Tax:	1188.16	AR	21105.46
Labor:	.00	Misc:	.00	Total:	21105.46		
Sublt:	-2213.03	Supplies:	.00	Change:	.00		

Signed _____ Date *Completion*

Invoiced to Betty Werth #3

- BARTLESVILLE, OK
918/338-0808
- ELDORADO, KS
316/322-7022
- EUREKA, KS
620/583-7664
- GILLETTE, WY
307/686-4914
- OAKLEY, KS
785/672-2227
- OTTAWA, KS
785/242-4044
- THAYER, KS
620/839-5269
- WORLAND, WY
307/347-4577



TICKET NUMBER 33688
 LOCATION Ogalex
 FOREMAN Kelly Gabe
Watt Dinkel

PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-31-11	2717	Betty Worth #3	7	105	25 ⁰⁰	Graham	
CUSTOMER		Mailing Address		TRUCK #	DRIVER	TRUCK #	DRIVER
Eternity Expl.		5 Studley		399	RALIN H		
		1 N		566	Cory D		
		3 1/2 W		460	M. J. S		
CITY		STATE	ZIP CODE	566	Cody R		
				Casing Size & Weight <u>5 1/2 14#</u>			
JOB TYPE	HOLE SIZE	HOLE DEPTH	OTHER <u>2181</u>				
Prod-O	7 1/4	4079					
CASING DEPTH	DRILL PIPE	TUBING					
4083							
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING				
14 ⁸ , 11 ²							
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE				

REMARKS: Safety Meeting. Rigged up on waw drilling. Hooked up to circulate. Pumped Mud flush. Mixed 175SKS OWC 2% O.C., 28 KAL-seal 200 Sodium Metasilicate & 2 P.O.G.E.L. Washed out pumps & lines. displaced plug. Litt Pressure 1100# plug landed at 1100#. Plugged hole with 30SKS and mixed 400SKS 60/40 3% gel 1/4" Floreal. Washed out pumps & lines. Released Plug, and displaced with 5 1/2 bbl H2O. Released pressure. Float held. Racked up and left location, cent on sts 5-13 & #46. Baskets on #13 & #46 DV Tool on top of #46

*Thank You
Kelly & Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2,700.00	2,700.00
5406	40	MILEAGE	5.00	200.00
1126	175 SKS	OWC	21.48	3,759.00
1131	430	60/40 P.O.Z	14.35	6,170.00
113B	3.322	Bentonite	.24	797.28
5407A	27.6	Ton Mileage delivery	1.58	1,744.40
1107	107.5	Flo-seal	2.66	2,859.50
1142A	2	KCl	39.10	78.20
1144G	1000	Mud Flush	1.00	1,000.00
4277	1	5 1/2" DV Tool	3,850.00	3,850.00
41159	1	5 1/2" AF4 Float shoe	4,130.00	4,130.00
41130	10	5 1/2" centralizer	58.00	580.00
4104	2	5 1/2" Basket	276.00	552.00
				22,130.33
				2,213.03
				1,997.30
		245 496		
			SALES TAX	1,188.16
			ESTIMATED TOTAL	21,105.46

12:00 PM

AUTHORIZATION *[Signature]*

TITLE _____

DATE 10-31-11

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.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Eternity Exploration

7 10s 25w Graham Ks.

338 Spyglass Dr.
Coppell Tx. 75019

Betty Werth

Job Ticket: 041973

DST#: 1

ATTN: Scott Alberg

Test Start: 2011.10.28 @ 10:15:00

GENERAL INFORMATION:

Formation: **LKC-B,C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:55:30

Time Test Ended: 16:56:30

Test Type: Bottom Hole (Initial)

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3764.00 ft (KB) To 3860.00 ft (KB) (TVD)

Reference Elevations: 2550.00 ft (KB)

Total Depth: 3860.00 ft (KB) (TVD)

2545.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press @ Run Depth: 85.21 psig @ 3765.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.28

End Date: 2011.10.28

Last Calib.: 2011.10.28

Start Time: 10:15:05

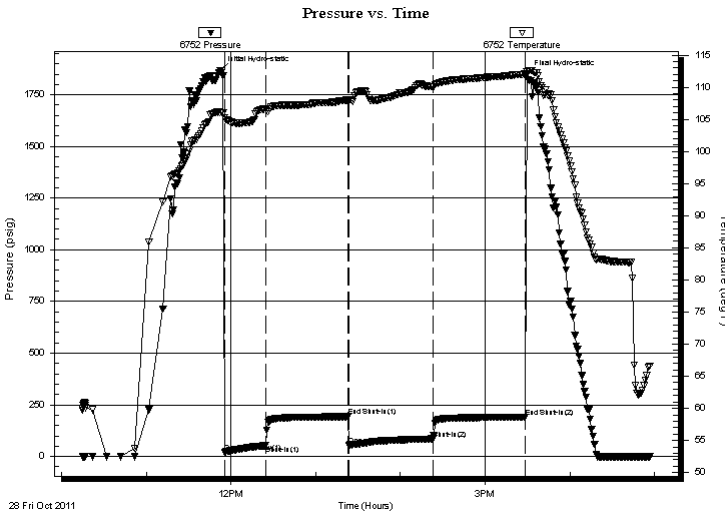
End Time: 16:56:29

Time On Btm: 2011.10.28 @ 11:52:30

Time Off Btm: 2011.10.28 @ 15:29:30

TEST COMMENT: IF: Weak blow, Built to 1 in. over 30 mins.
IS: Weak blow back over 60 mins.
FF: Weak blow, Built to 2 in. over 60 mins.
FS: No blow back over 60 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1867.92	106.08	Initial Hydro-static
3	19.88	105.26	Open To Flow (1)
32	52.82	106.61	Shut-In(1)
91	192.81	107.98	End Shut-In(1)
91	55.04	107.96	Open To Flow (2)
151	85.21	110.05	Shut-In(2)
216	190.43	112.02	End Shut-In(2)
217	1848.41	112.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud with oil specs-100%m	0.99

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration

7 10s 25w Graham Ks.

338 Spyglass Dr.
Coppell Tx. 75019

Betty Werth

Job Ticket: 041973

DST#: 1

ATTN: Scott Alberg

Test Start: 2011.10.28 @ 10:15:00

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	mud w ith oil specs-100%m	0.993

Total Length: 150.00 ft Total Volume: 0.993 bbl

Num Fluid Samples: 0

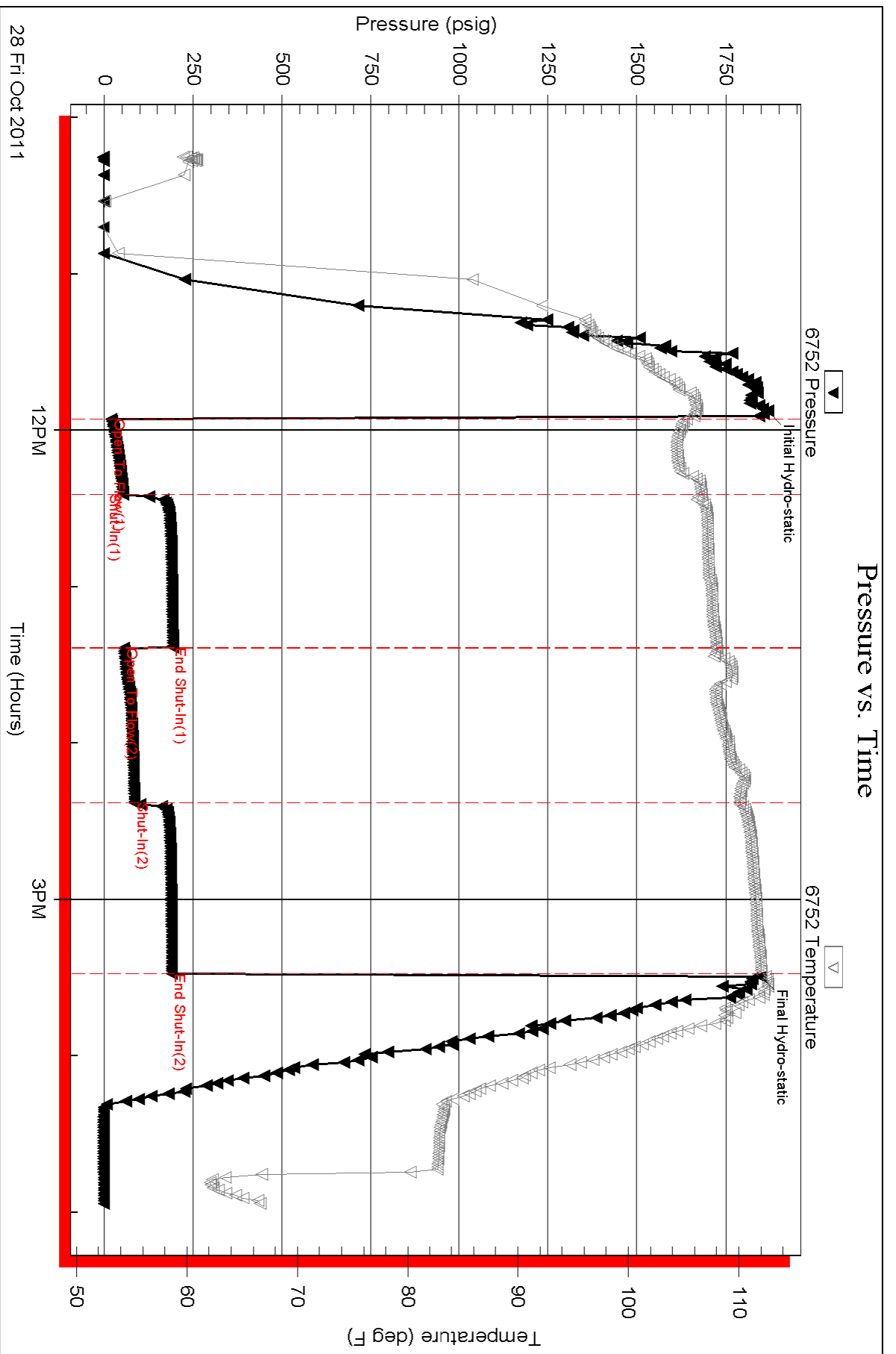
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Eternity Exploration

7 10s 25w Graham Ks.

338 Spyglass Dr.
Coppell Tx. 75019

Betty Werth

Job Ticket: 041974

DST#: 2

ATTN: Scott Alberg

Test Start: 2011.10.29 @ 09:15:00

GENERAL INFORMATION:

Formation: **LKC-H,I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:44:30

Time Test Ended: 14:04:30

Test Type: Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3925.00 ft (KB) To 3977.00 ft (KB) (TVD)

Reference Elevations: 2550.00 ft (KB)

Total Depth: 3977.00 ft (KB) (TVD)

2545.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press @ Run Depth: 56.99 psig @ 3926.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.29 End Date: 2011.10.29

Last Calib.: 2011.10.29

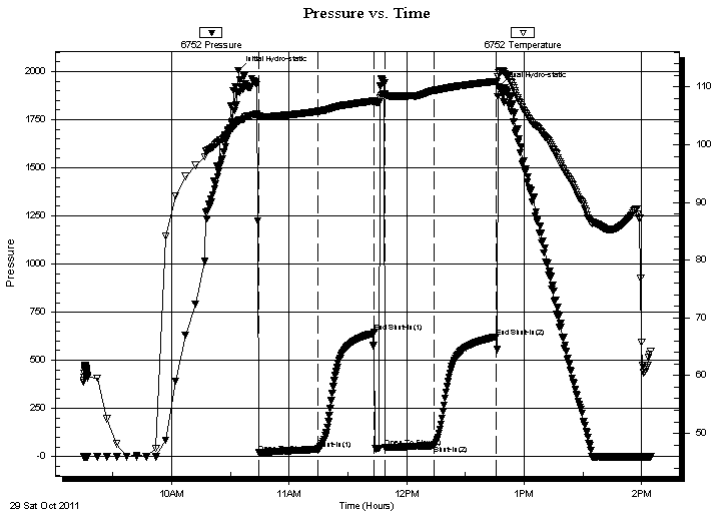
Start Time: 09:15:05 End Time: 14:04:29

Time On Btm: 2011.10.29 @ 10:34:00

Time Off Btm: 2011.10.29 @ 12:47:00

TEST COMMENT: IF: Weak blow, Died in 10 mins.
IS: Nol blow back over 30 mins.
FF: Flushed tool, Weak blow died in sec.
FS: No blow back over 30 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.13	104.10	Initial Hydro-static
11	18.73	104.99	Open To Flow (1)
41	36.97	105.78	Shut-In(1)
70	646.10	107.59	End Shut-In(1)
75	45.45	108.63	Open To Flow (2)
100	56.99	109.41	Shut-In(2)
132	621.90	110.96	End Shut-In(2)
133	1921.23	112.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud w ith oil specs	0.34

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration

7 10s 25w Graham Ks.

338 Spyglass Dr.
Coppell Tx. 75019

Betty Werth

Job Ticket: 041974

DST#: 2

ATTN: Scott Alberg

Test Start: 2011.10.29 @ 09:15:00

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud w ith oil specs	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

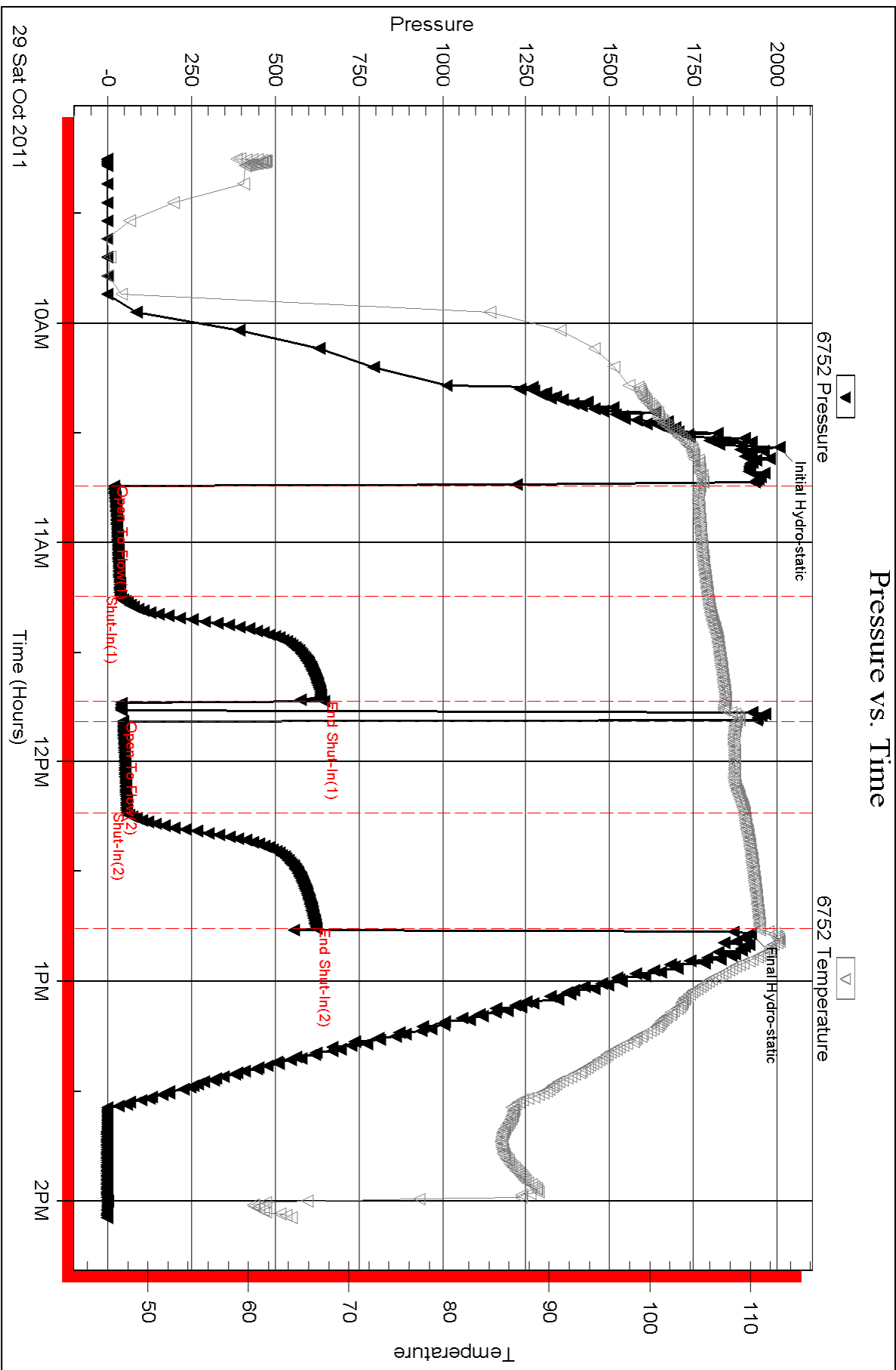
Serial #: 6752

Inside

Berilyn Exploration

Betty Werth

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Eternity Exploration

7 10s 25w Graham Ks.

338 Spyglass Dr.
Coppell Tx. 75019

Betty Werth

Job Ticket: 041975

DST#: 3

ATTN: Scott Alberg

Test Start: 2011.10.29 @ 22:25:00

GENERAL INFORMATION:

Formation: **LKC-J,K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:09:30

Time Test Ended: 03:41:30

Test Type: Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3976.00 ft (KB) To 4018.00 ft (KB) (TVD)

Reference Elevations: 2550.00 ft (KB)

Total Depth: 4018.00 ft (KB) (TVD)

2545.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752 Inside

Press @ Run Depth: 25.04 psig @ 3977.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.29

End Date:

2011.10.30

Last Calib.: 2011.10.30

Start Time: 22:25:05

End Time:

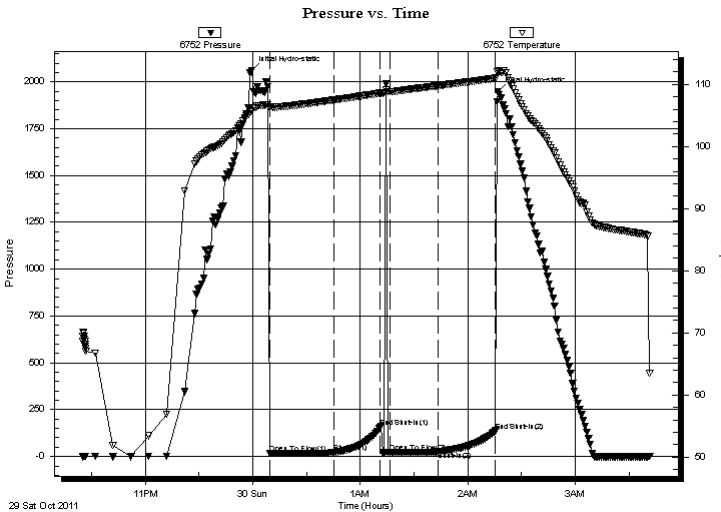
03:41:29

Time On Btm: 2011.10.29 @ 23:59:30

Time Off Btm: 2011.10.30 @ 02:17:00

TEST COMMENT: IF: Weak blow, died in 10 mins.
IS: No blow back over 30 mins.
FF: Flushed tool, Weak blow, Died in secs.
FS: No blow back over 30 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2061.41	105.72	Initial Hydro-static
10	16.50	106.30	Open To Flow (1)
46	22.38	107.48	Shut-In(1)
72	153.97	108.59	End Shut-In(1)
77	22.10	108.81	Open To Flow (2)
104	25.04	109.78	Shut-In(2)
136	136.53	110.98	End Shut-In(2)
138	1947.79	112.15	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eternity Exploration

7 10s 25w Graham Ks.

338 Spyglass Dr.
Coppell Tx. 75019

Betty Werth

Job Ticket: 041975

DST#: 3

ATTN: Scott Alberg

Test Start: 2011.10.29 @ 22:25:00

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	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:

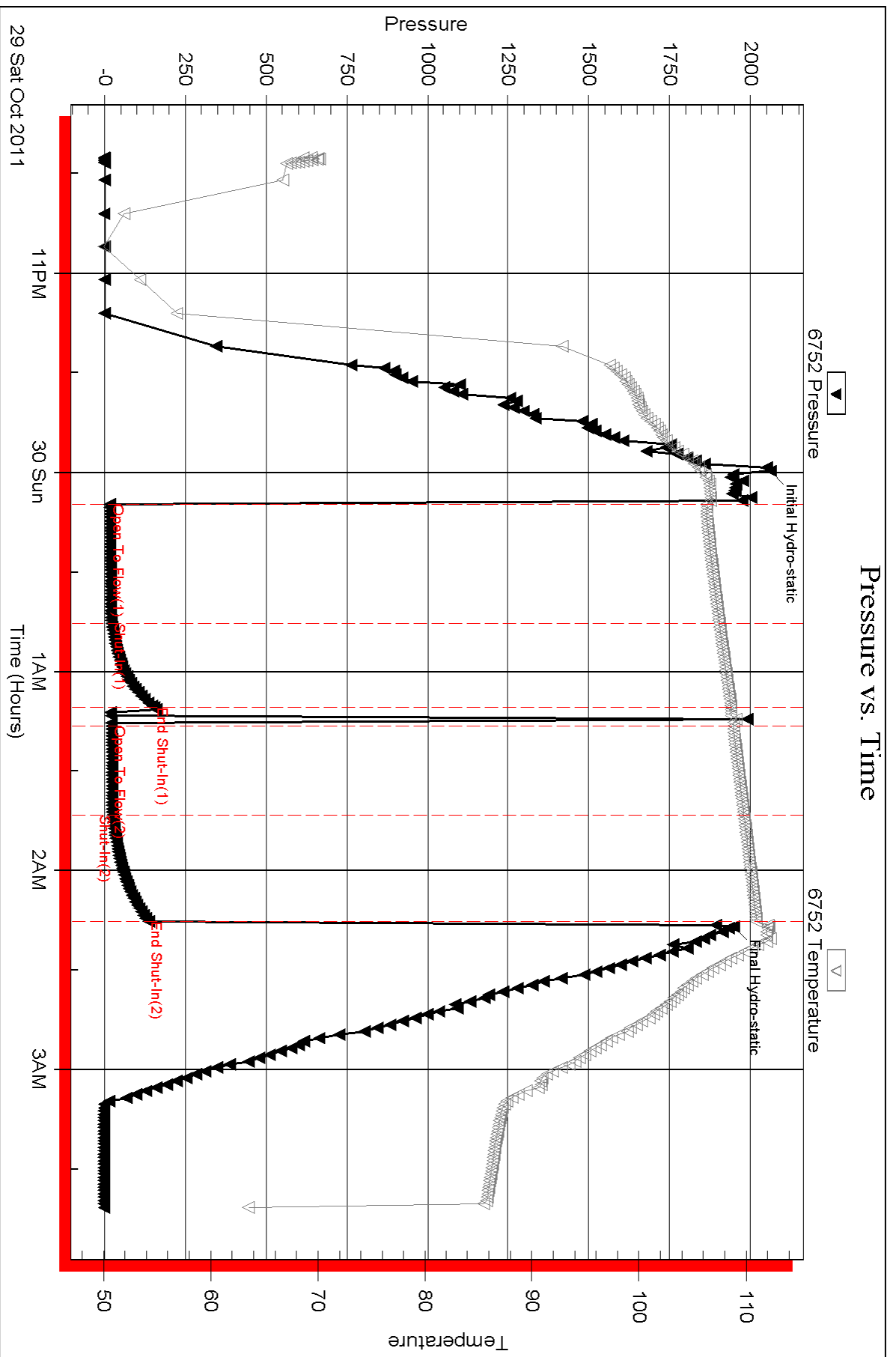
Serial #: 6752

Inside

Bermy Exploration

Betty Werth

DST Test Number: 3



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



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

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

December 26, 2011

Carlo A. Ugolini
Eternity Exploration, LLC
338 Spyglass Dr
Coppell, TX 75019-5430

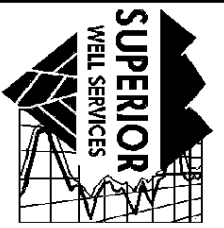
Re: ACO1
API 15-065-23780-00-00
Betty Werth 3
NE/4 Sec.07-10S-25W
Graham County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Carlo A. Ugolini



**SUPERIOR
Hays,
Kansas**

**DUAL
INDUCTION
LOG**

Company ETERNITY EXPLORATION, LLC.
Well BETTY WERTH #3
Field GURK NORTH
County GRAHAM
State KANSAS

Company ETERNITY EXPLORATION, LLC.
Well BETTY WERTH #3
Field GURK NORTH
County GRAHAM State KANSAS

Location: API #: 15-065-23780
990' FNL & 1650' FEL
SEC 7 TWP 10S RGE 25W
Permanent Datum GROUND LEVEL Elevation 2545
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
SONIC/MEL
Elevation
K.B. 2550
D.F.
G.L. 2545

Date	10-30-11
Run Number	ONE
Depth Driller	4079
Depth Logger	4079
Bottom Logged Interval	4077
Top Log Interval	00
Casing Driller	218
Casing Logger	218
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2 / 48
pH / Fluid Loss	10.5 / 7.2
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.85 @ 90F
Rmf @ Meas. Temp	0.64 @ 90F
Rmc @ Meas. Temp	1.02 @ 90F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.670 @ 115F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	2:15 P.M.
Maximum Recorded Temperature	115F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	SCOTT ALBERG

<<< 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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: ST. PETER, 1N TO RD. F, 3 1/2W, S INTO.



**SUPERIOR
Hays,
Kansas**

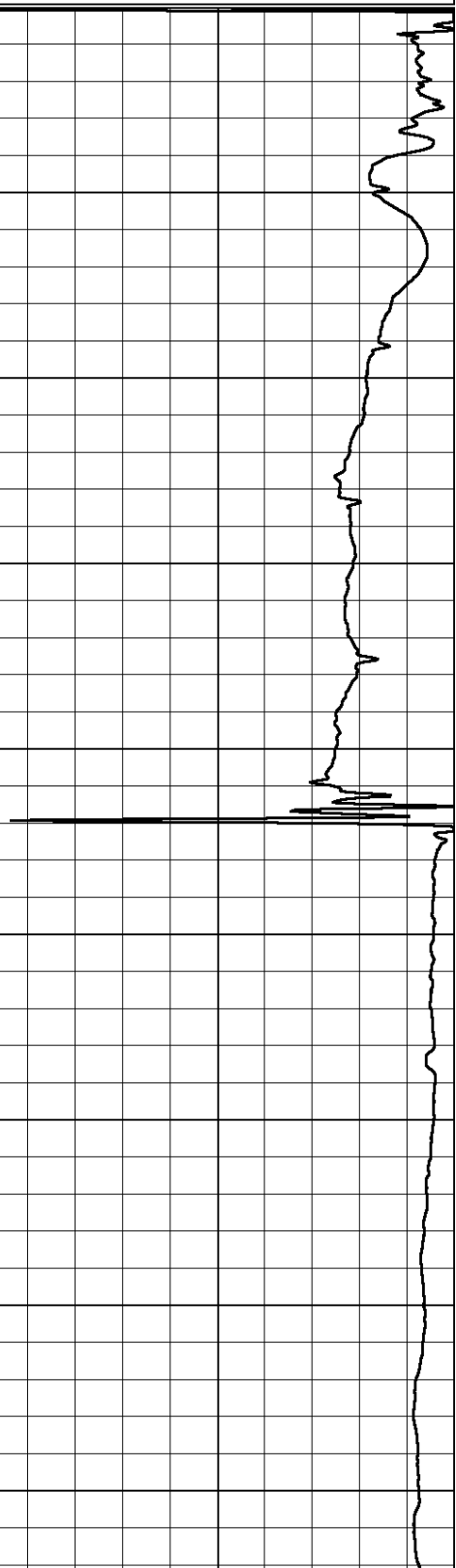
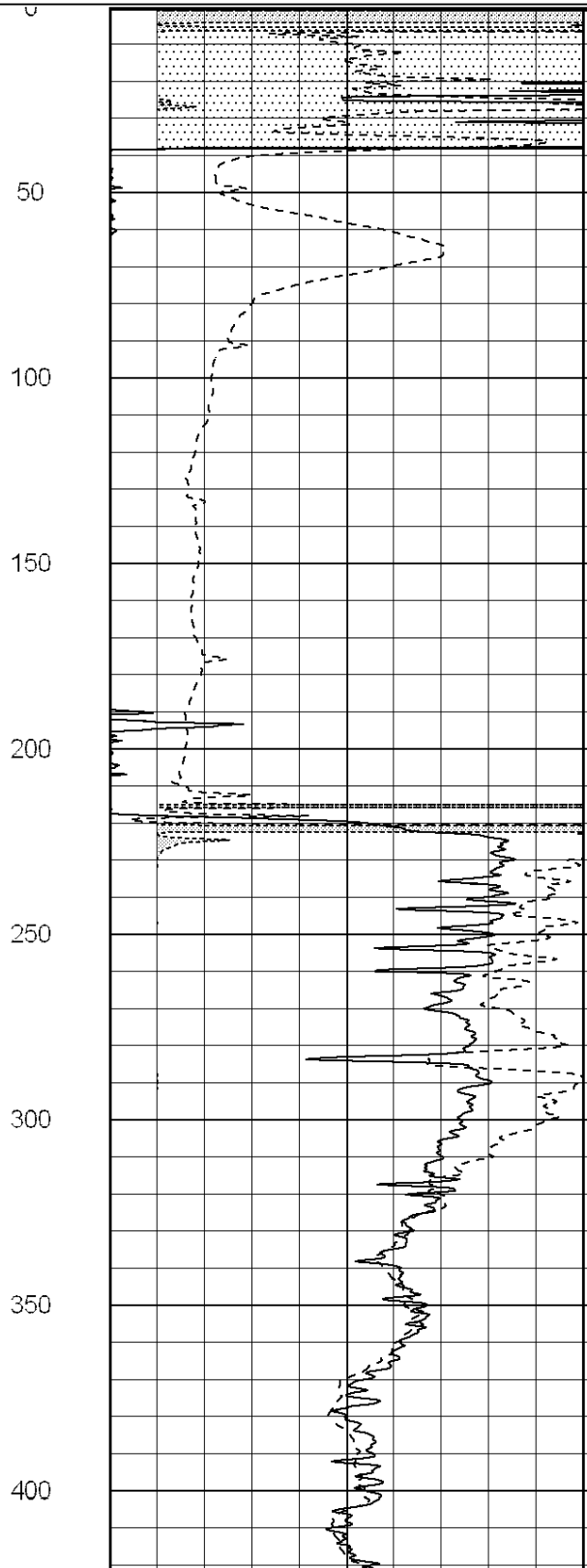
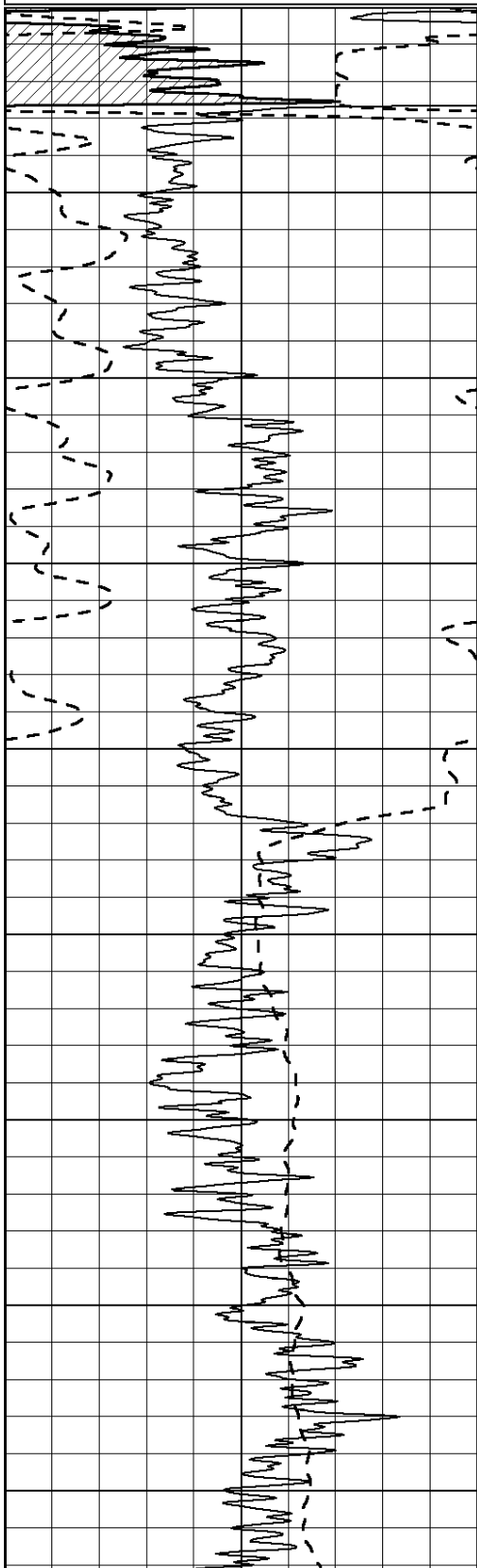
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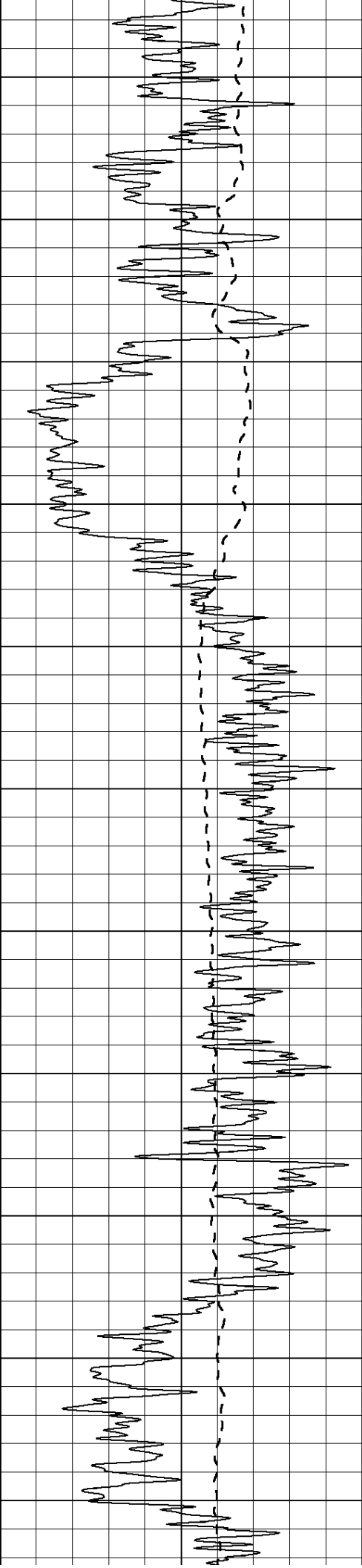
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 Presentation Format: dil2
 Dataset Creation: Sun Oct 30 15:51:41 2011
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50

1000	CILD (mmho/m)	0
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500





450

500

550

600

650

700

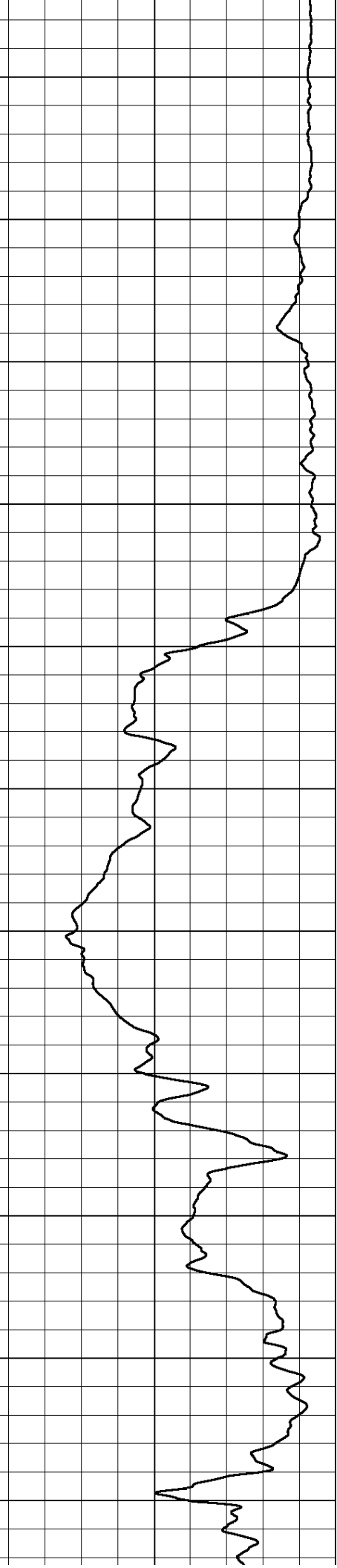
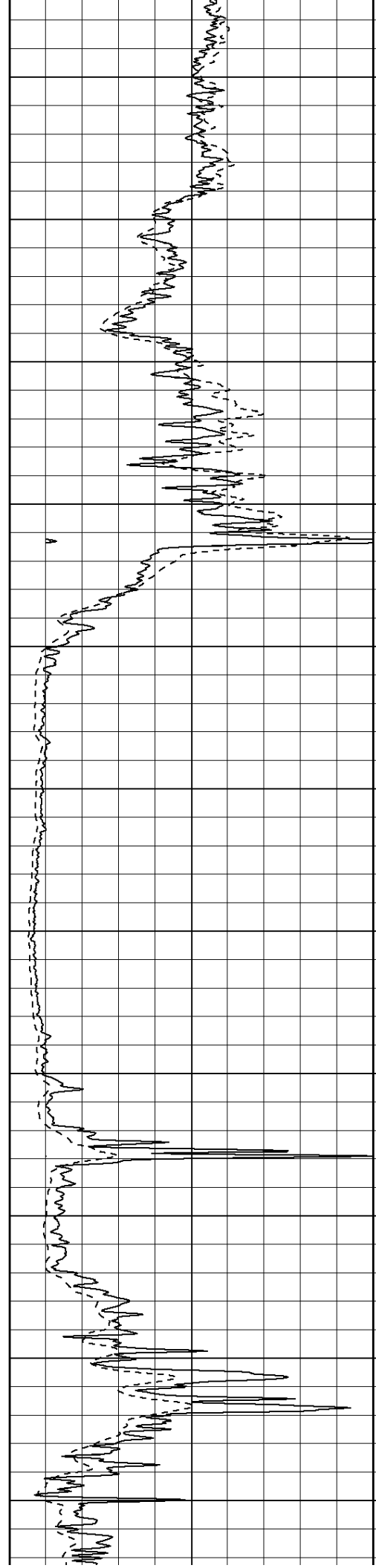
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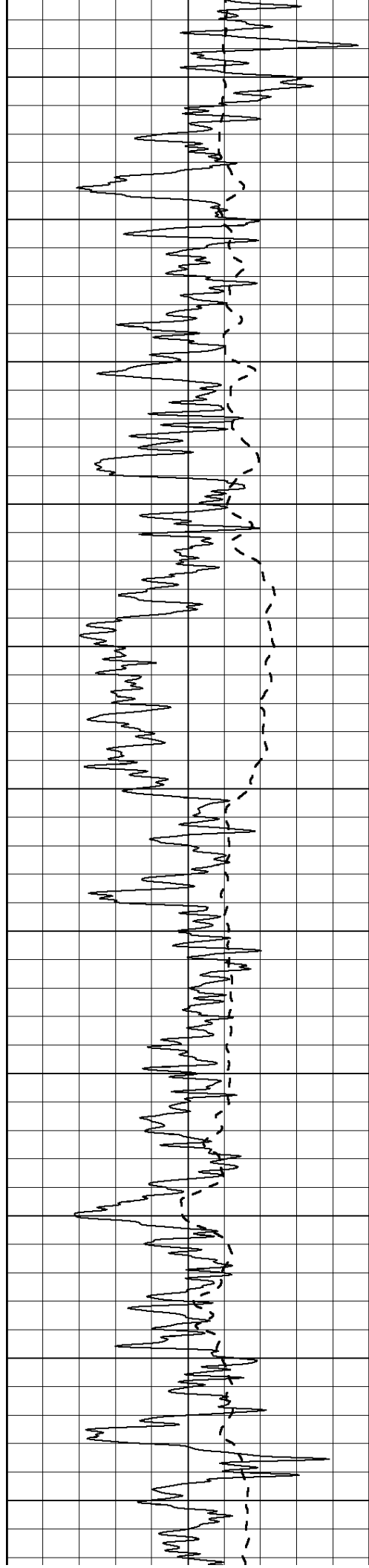
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850

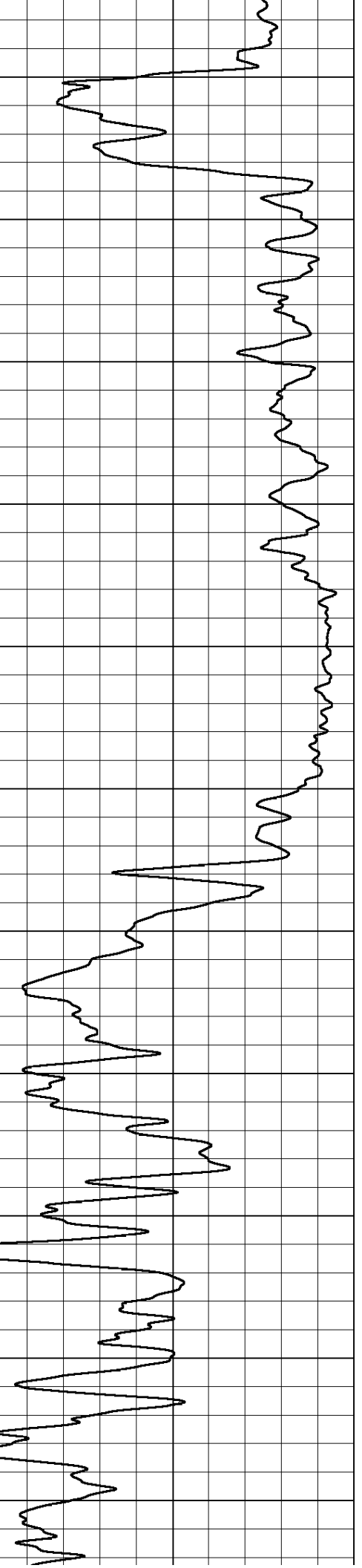
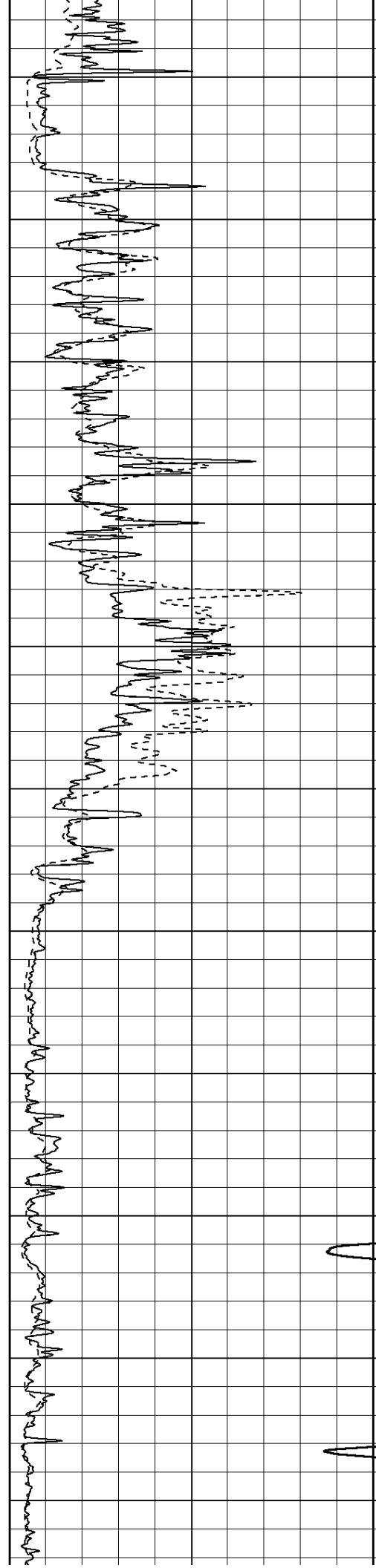
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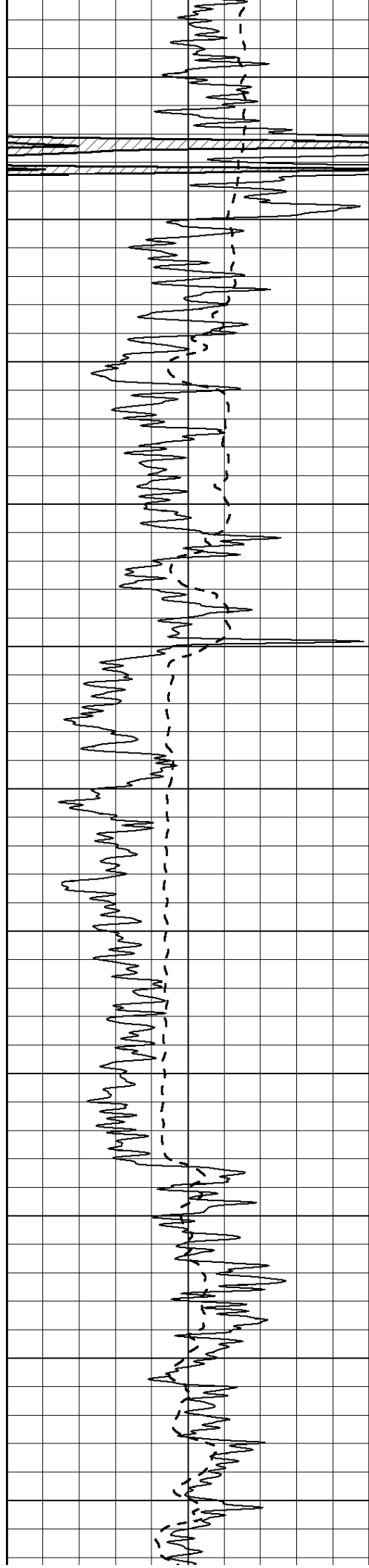
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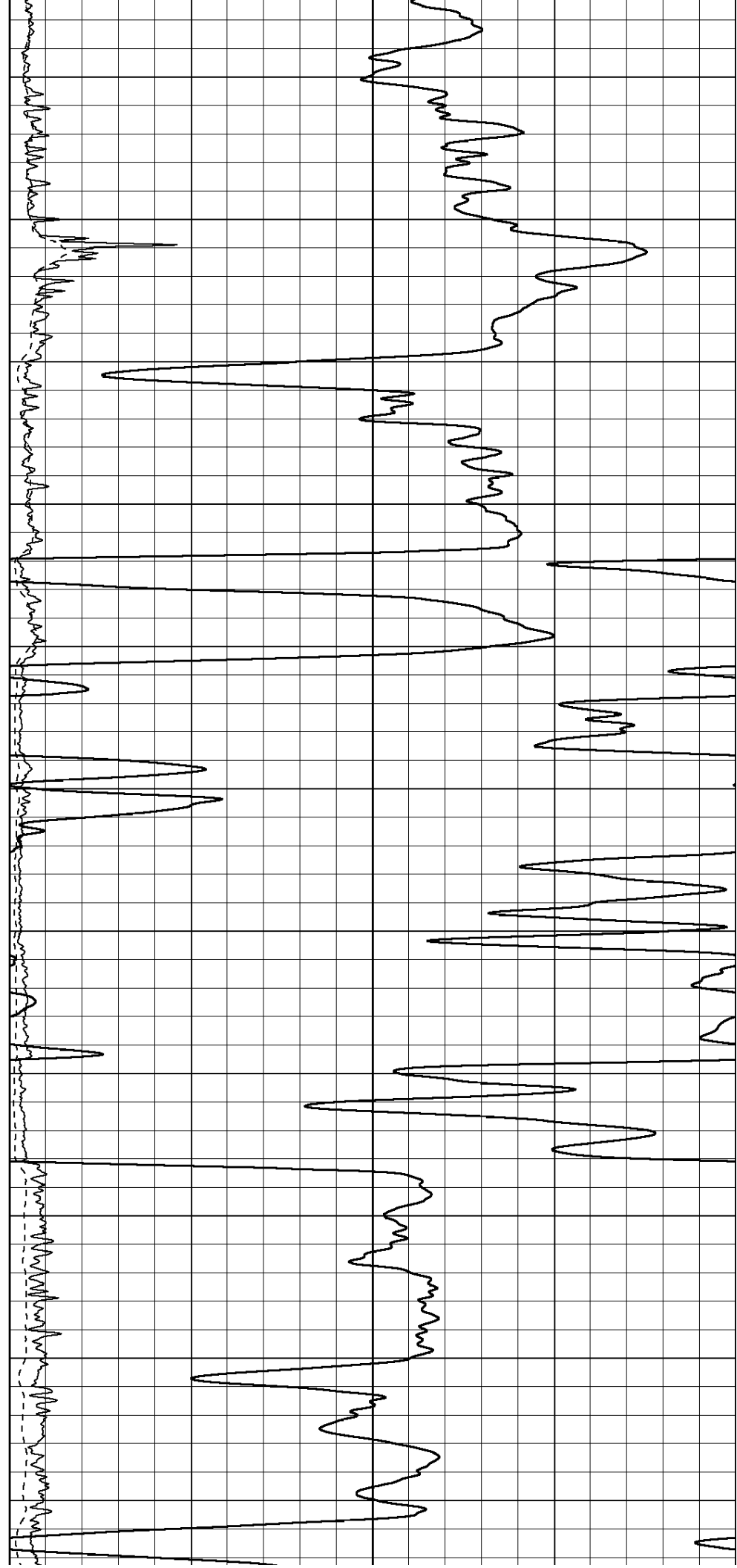


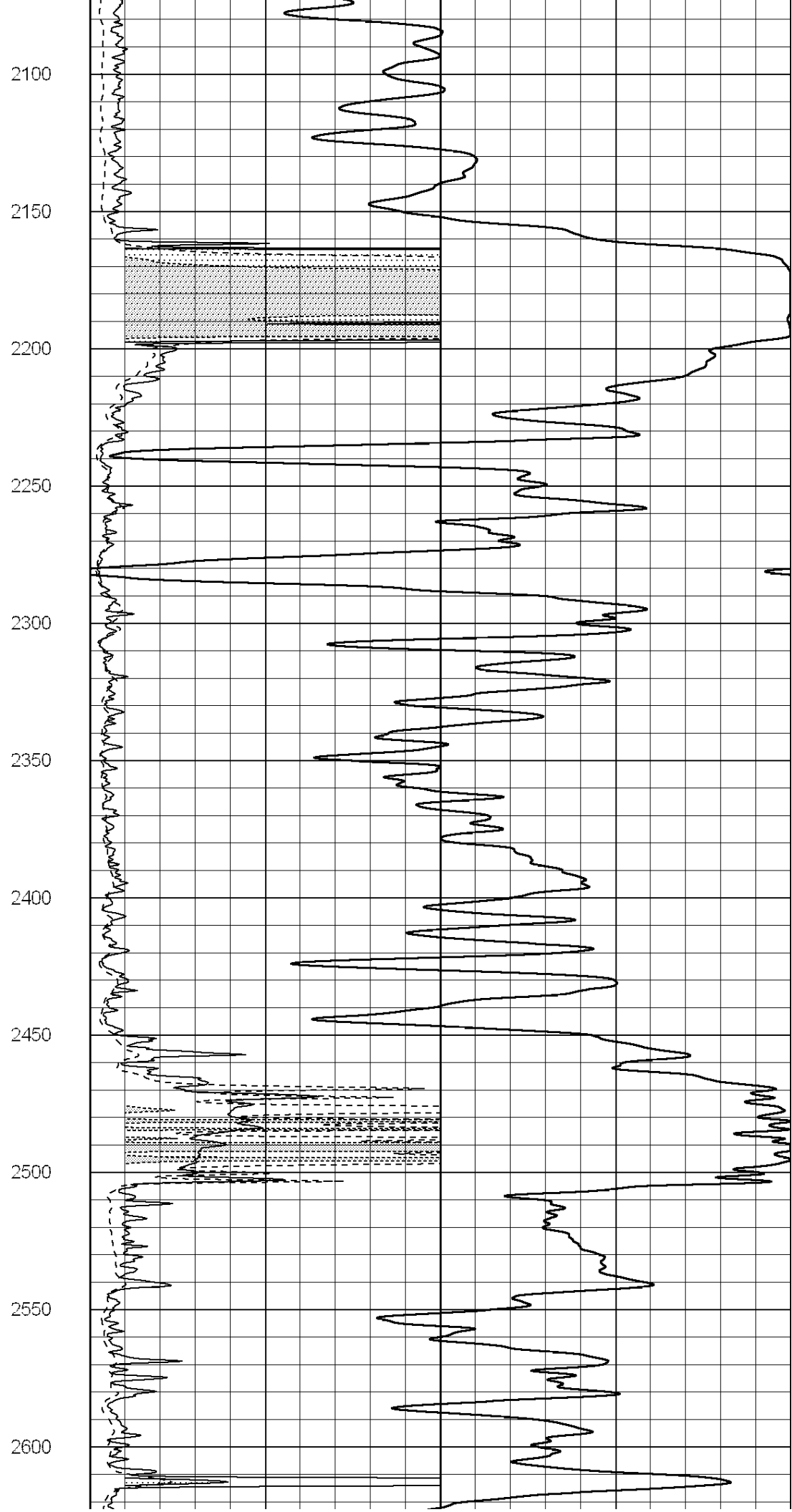
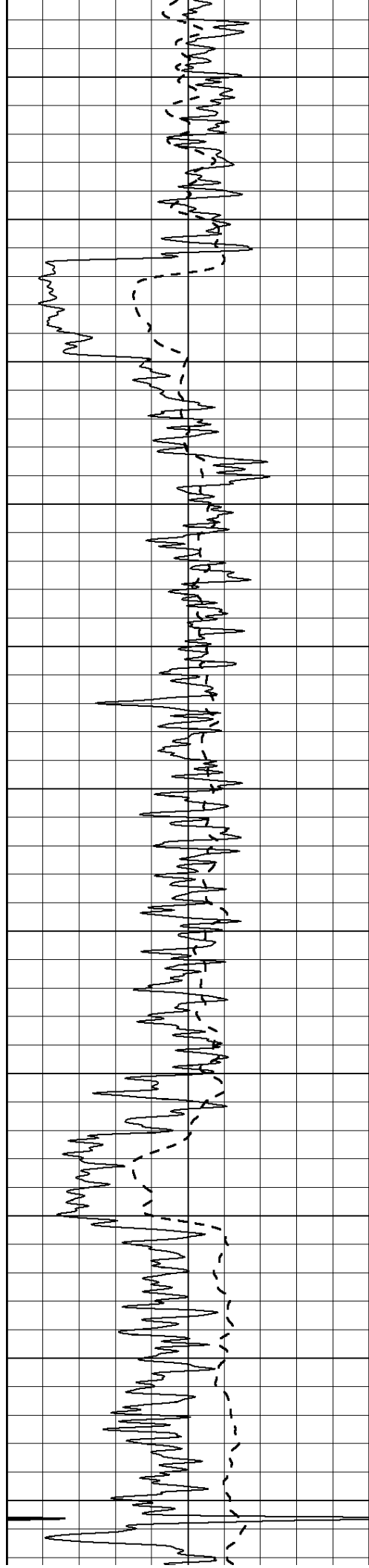
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500

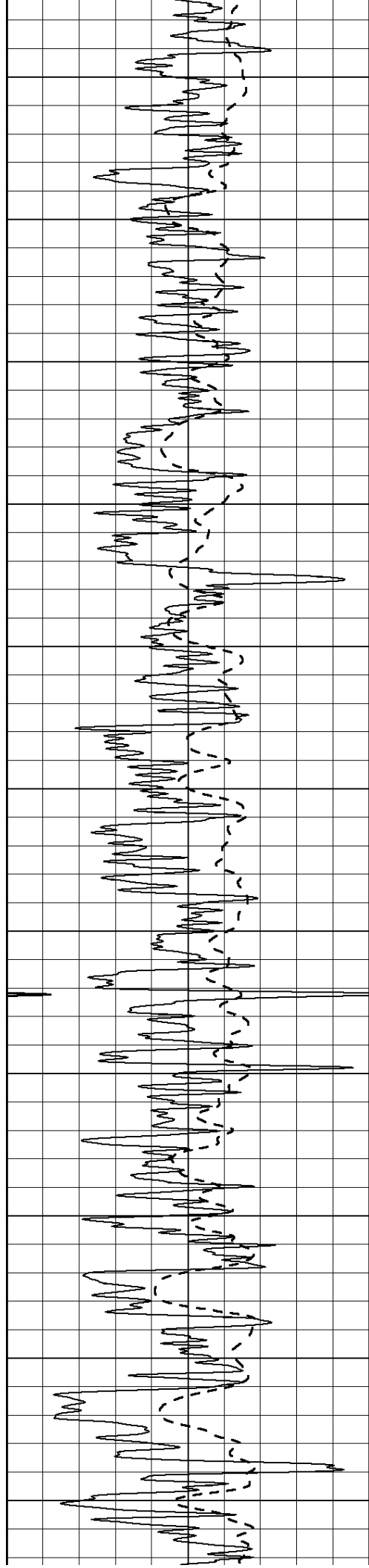




1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050







2650

2700

2750

2800

2850

2900

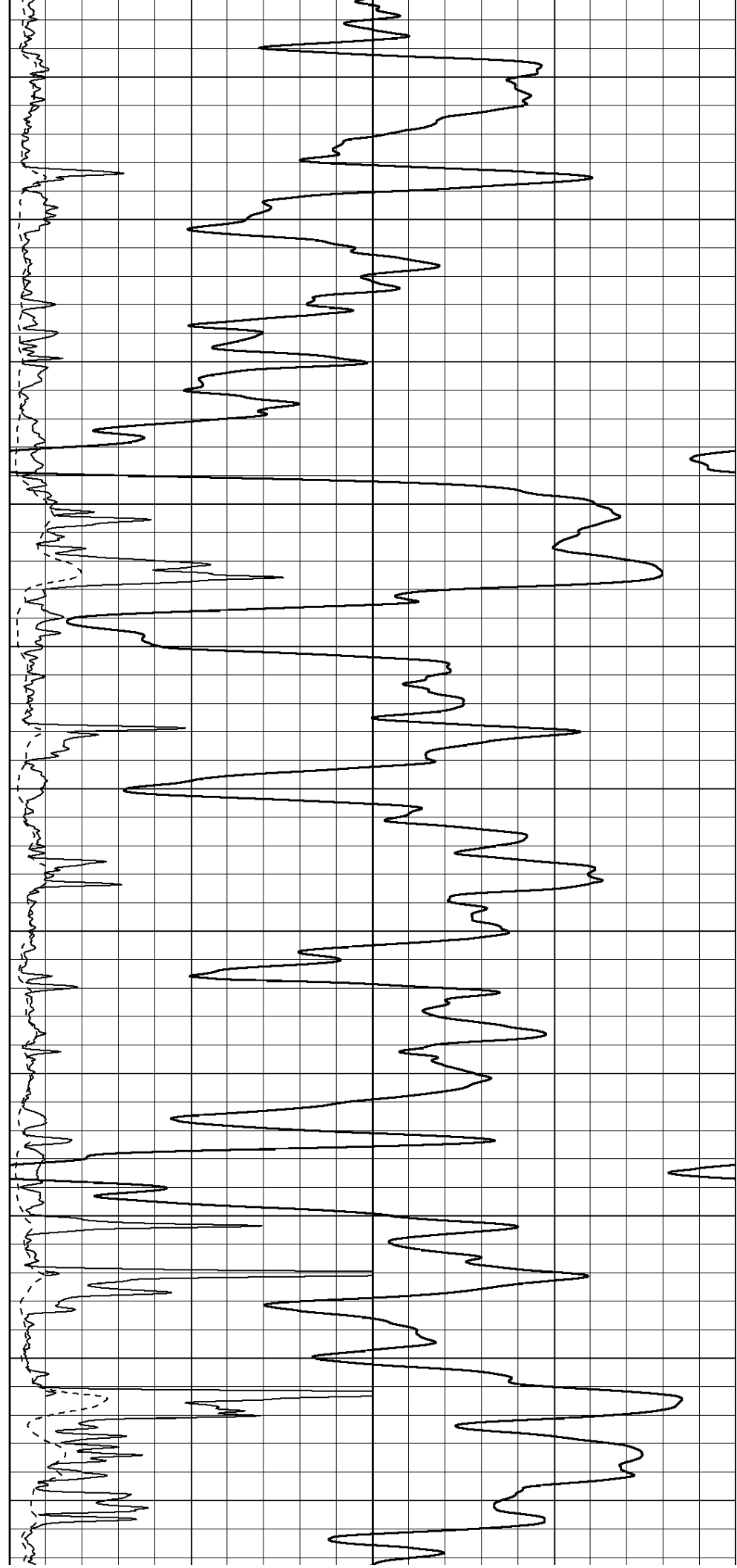
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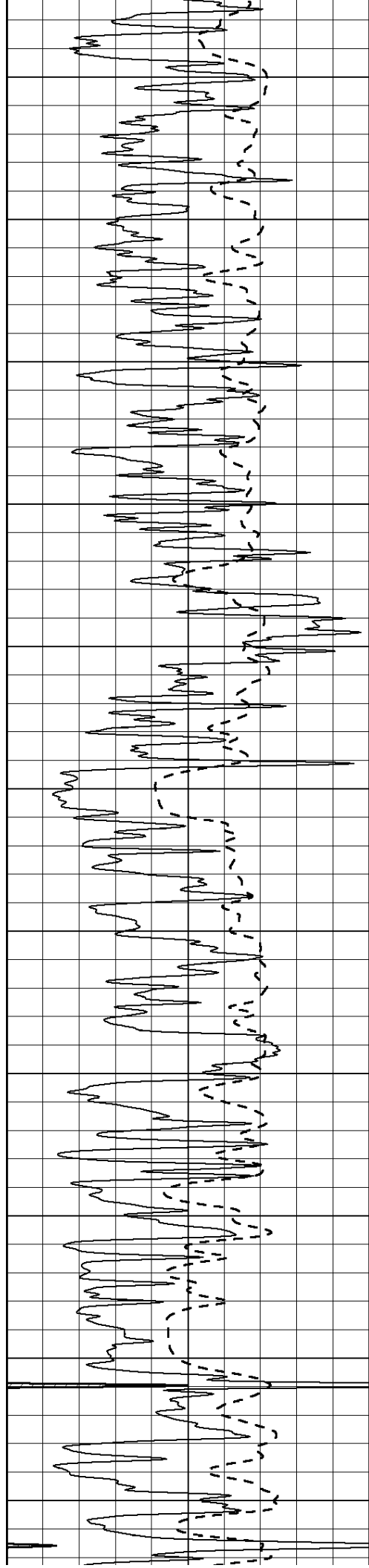
3000

3050

3100

3150





3200

3250

3300

3350

3400

3450

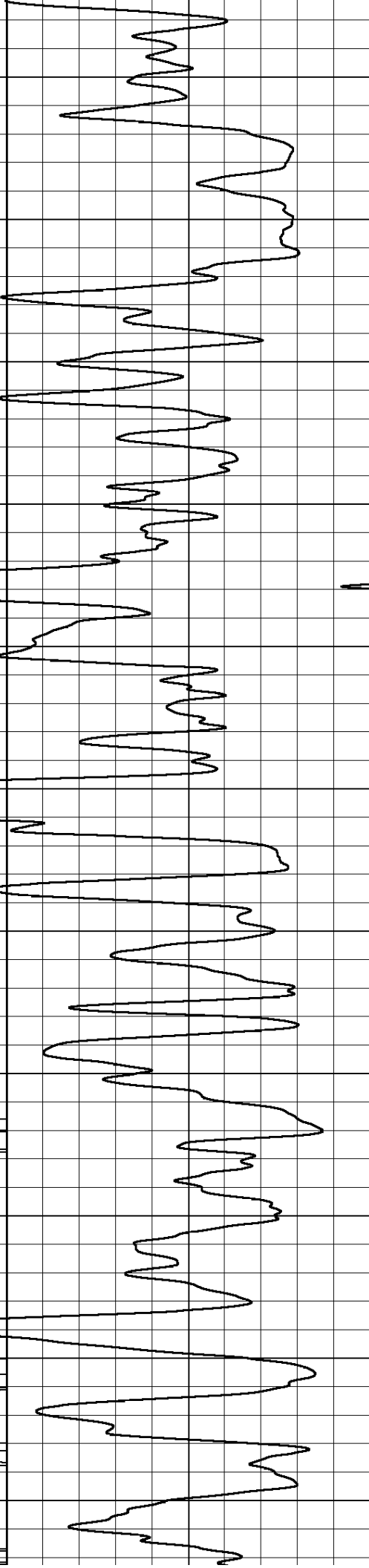
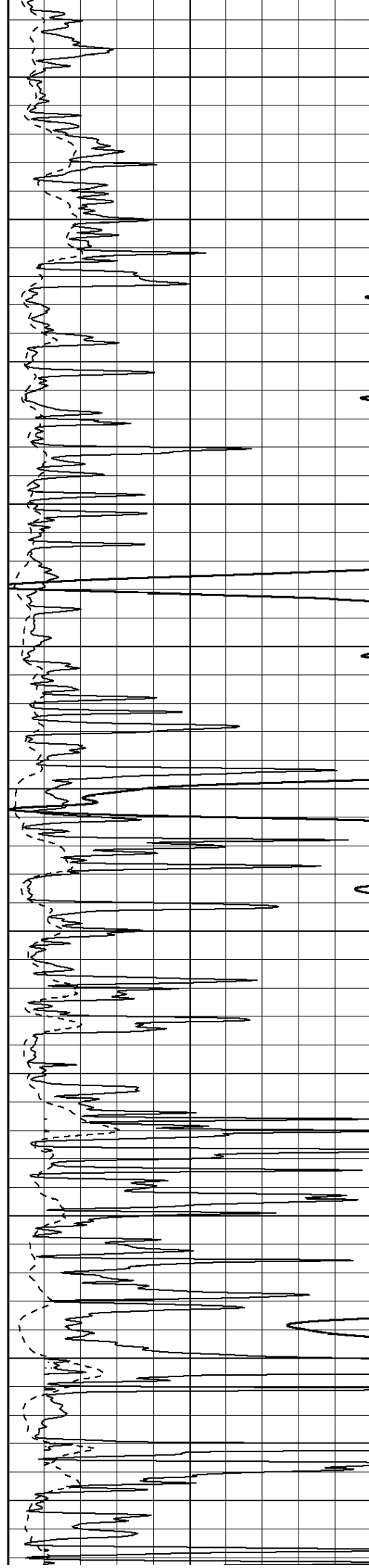
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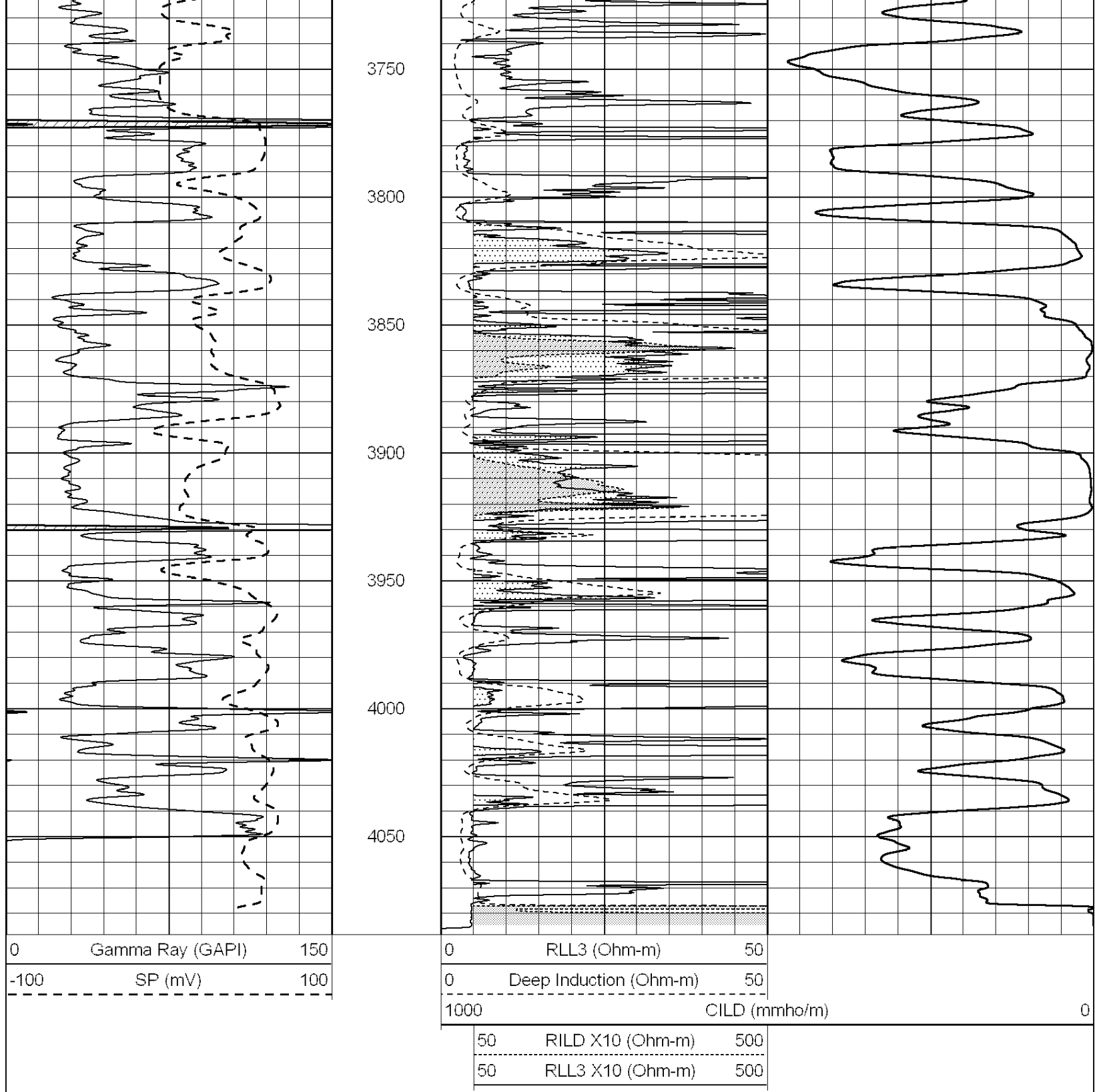
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3600

3650

3700





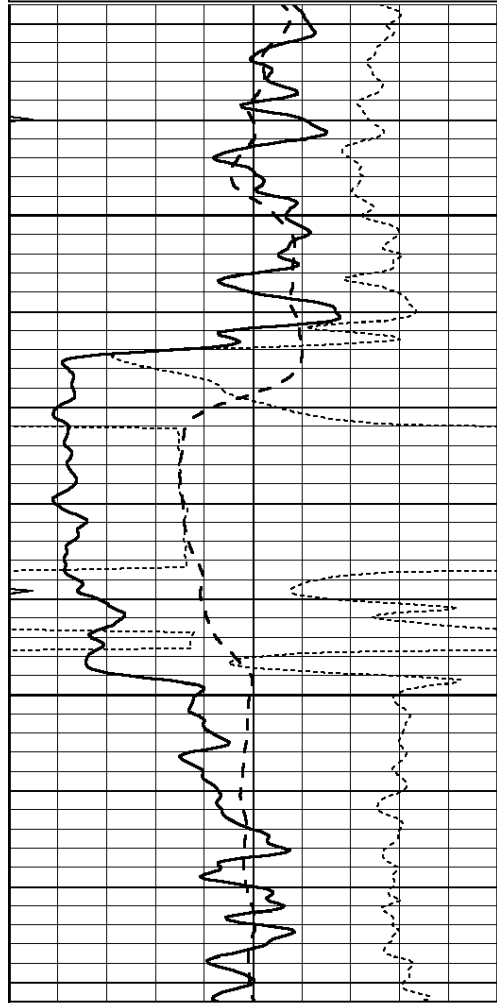
SUPERIOR
Hays,
Kansas

MAIN SECTION

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 Dataset Creation: Sun Oct 30 15:51:41 2011
 Charted by: Depth in Feet scaled 1:240

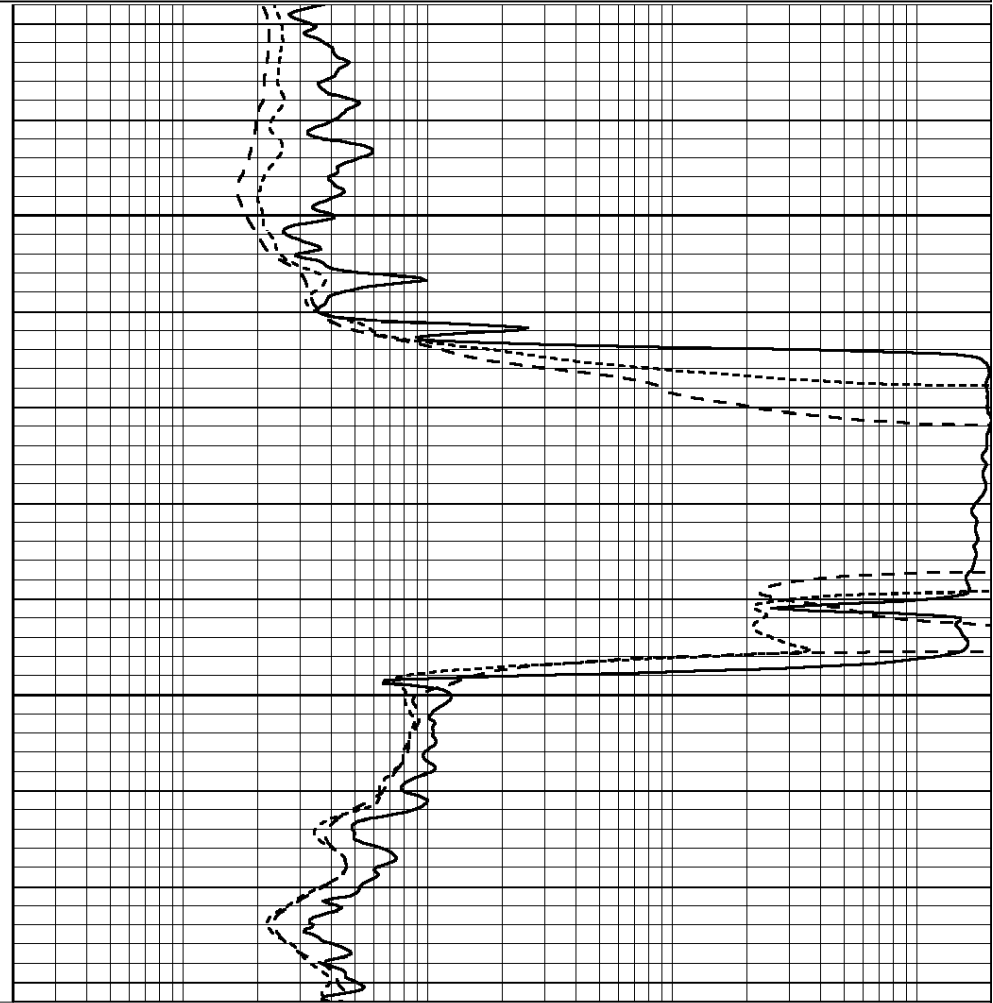
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-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



2150

2200



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



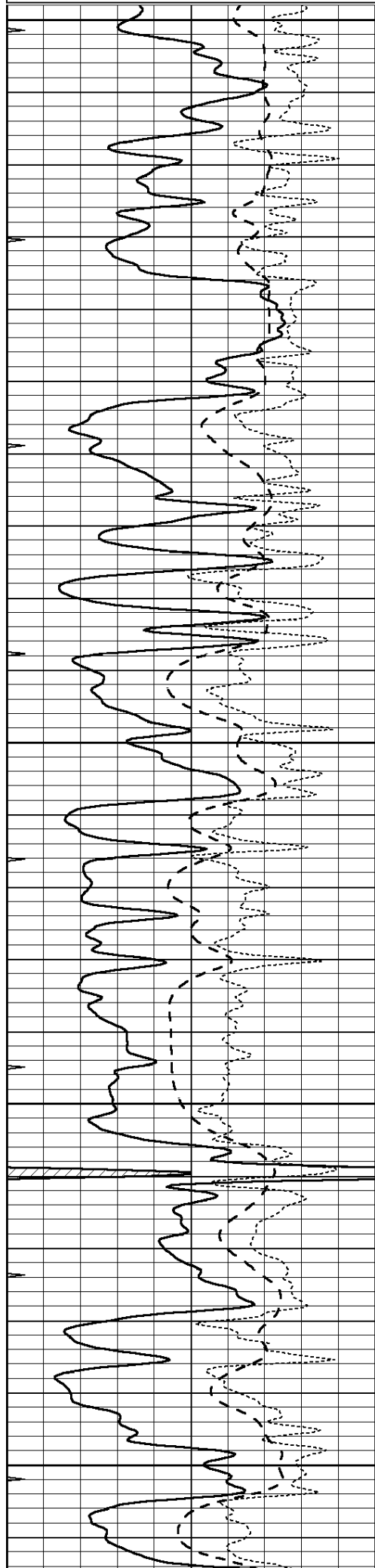
SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 007774ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: dil
 Dataset Creation: Sun Oct 30 15:51:41 2011
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



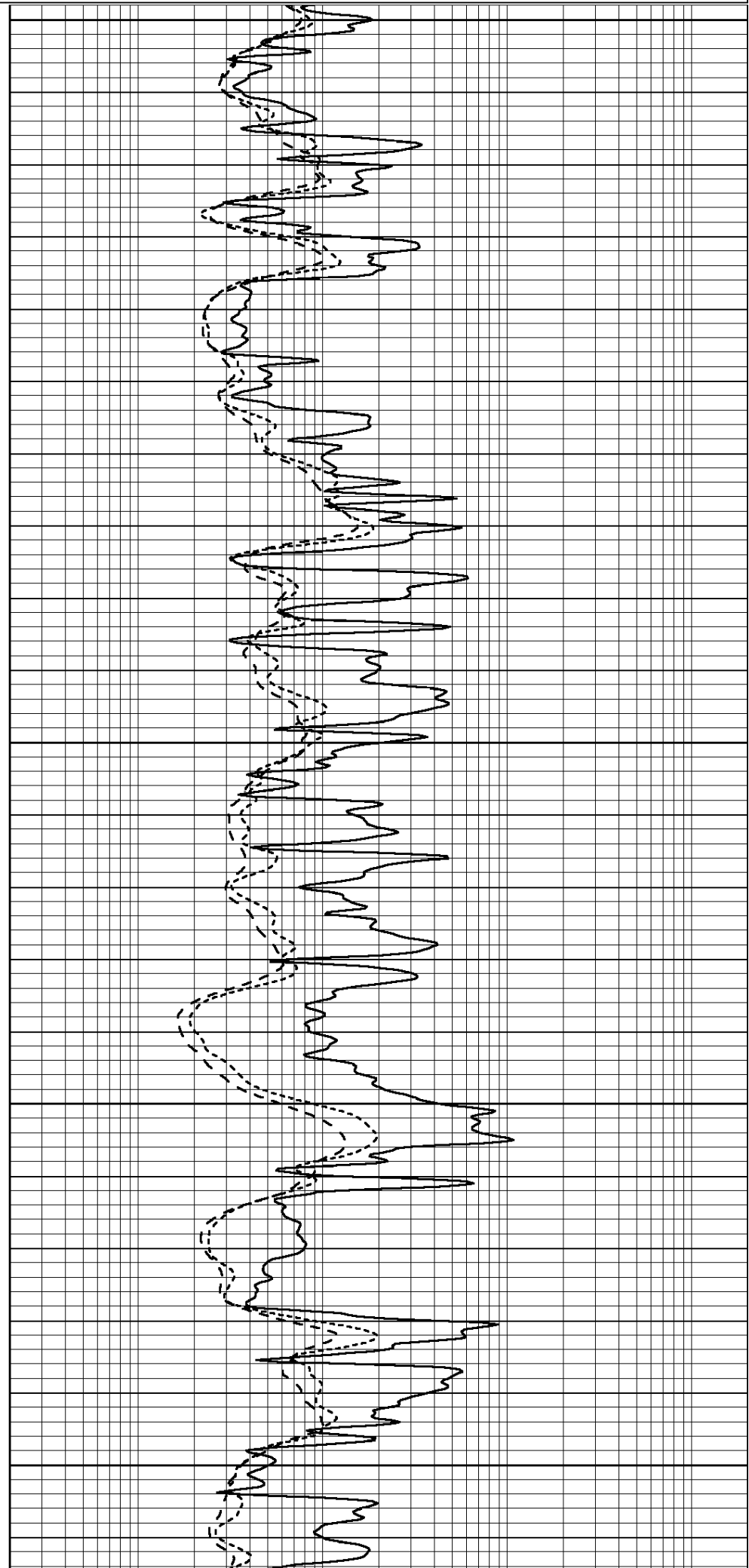
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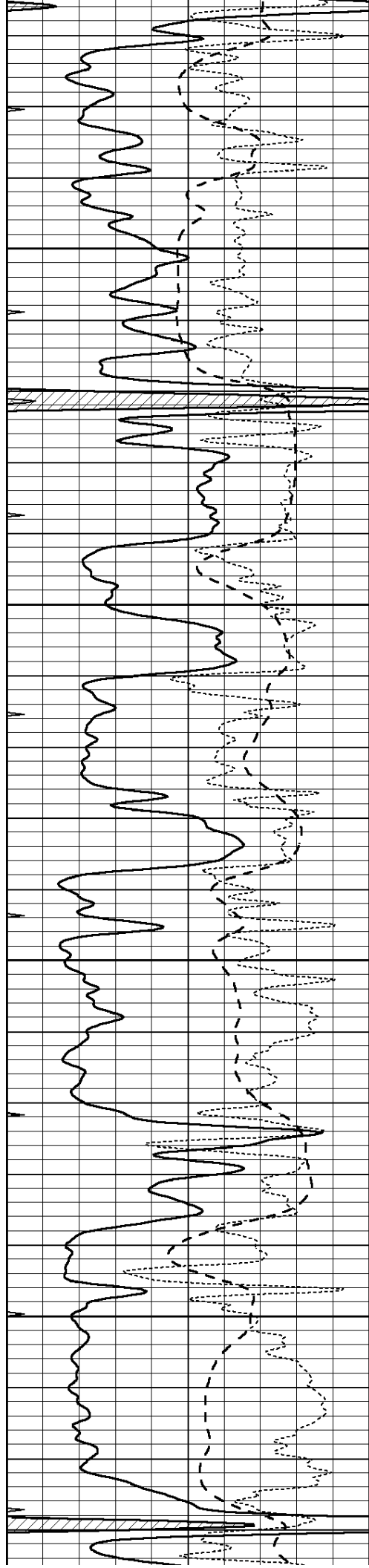
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3650

3700



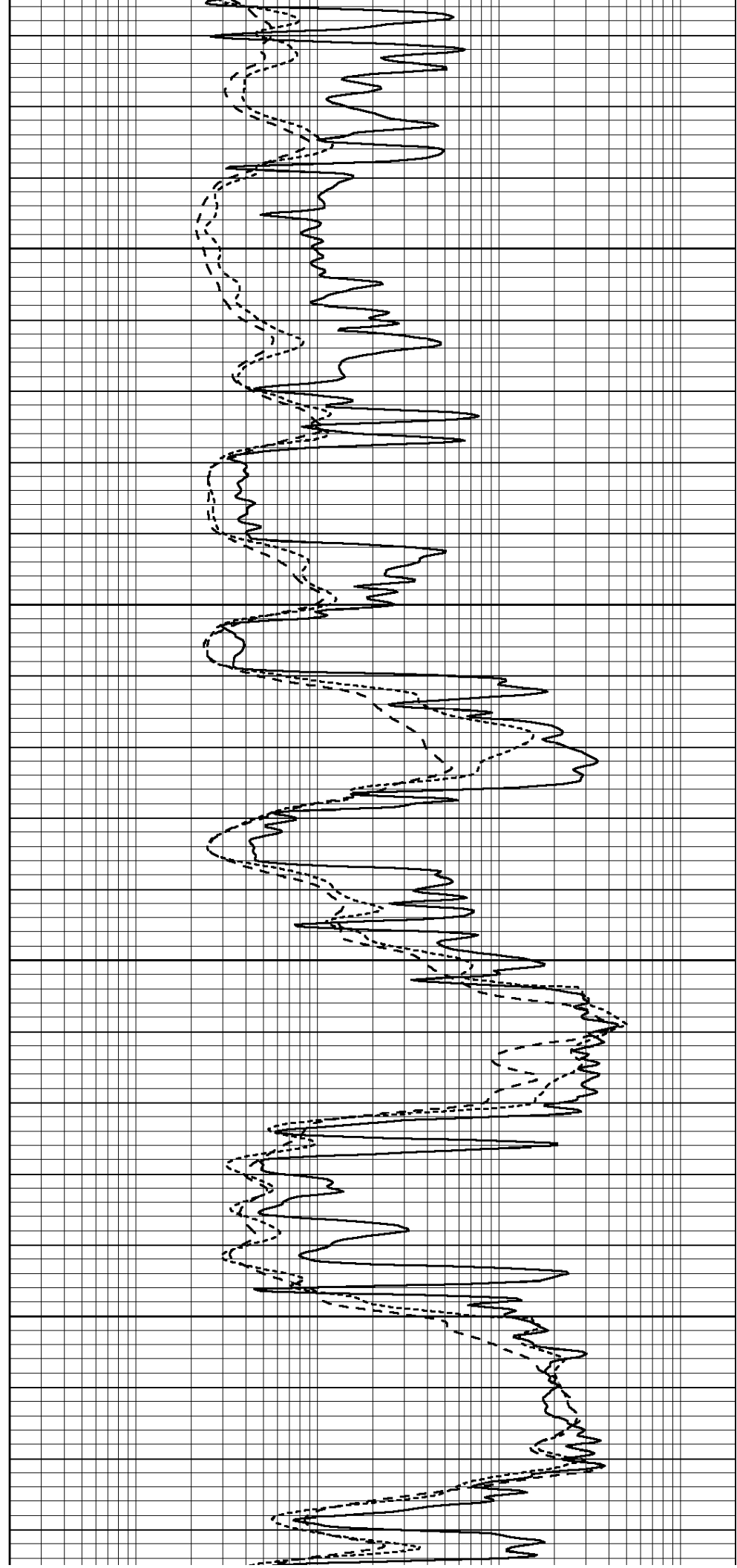


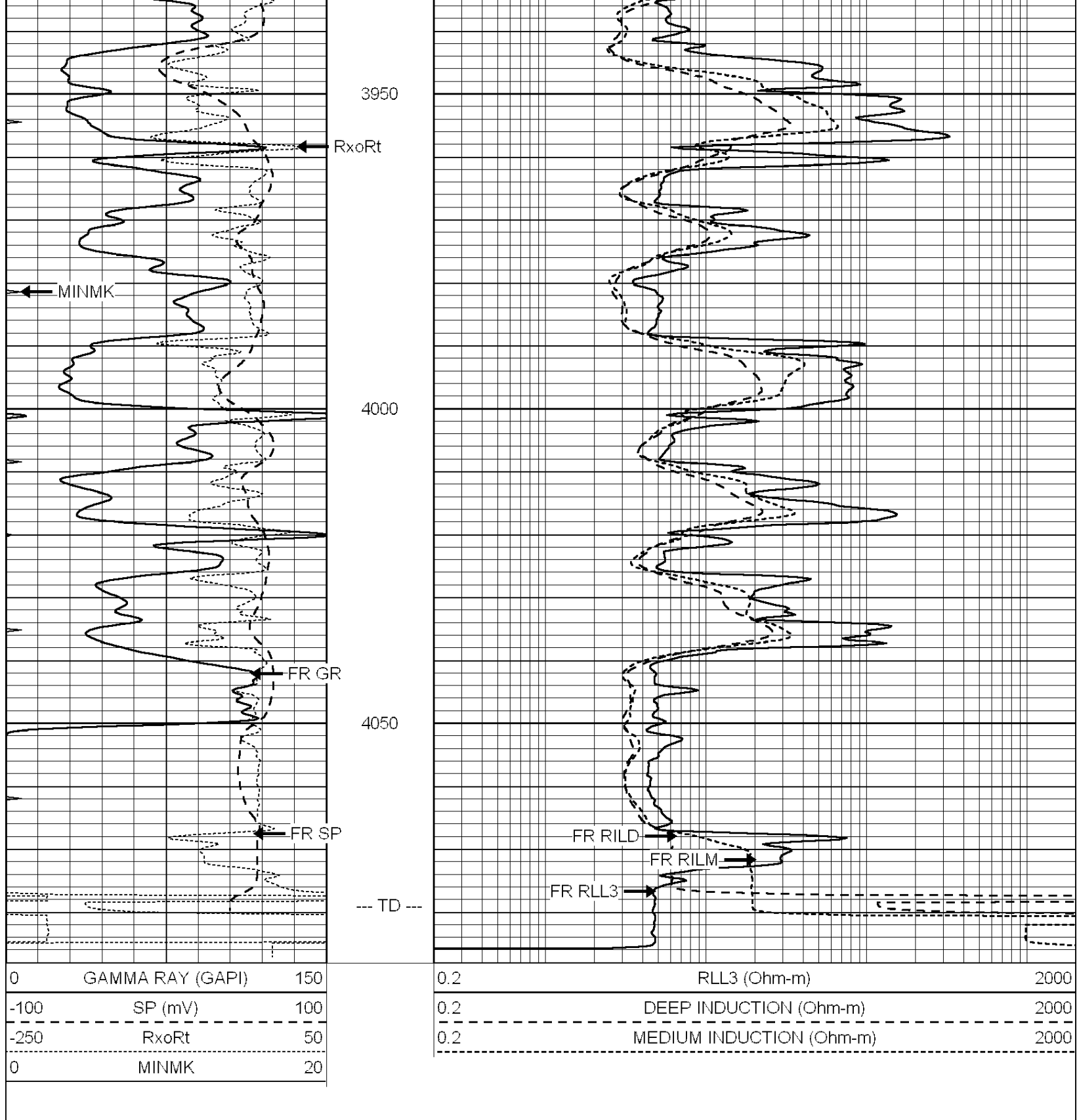
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3800

3850

3900





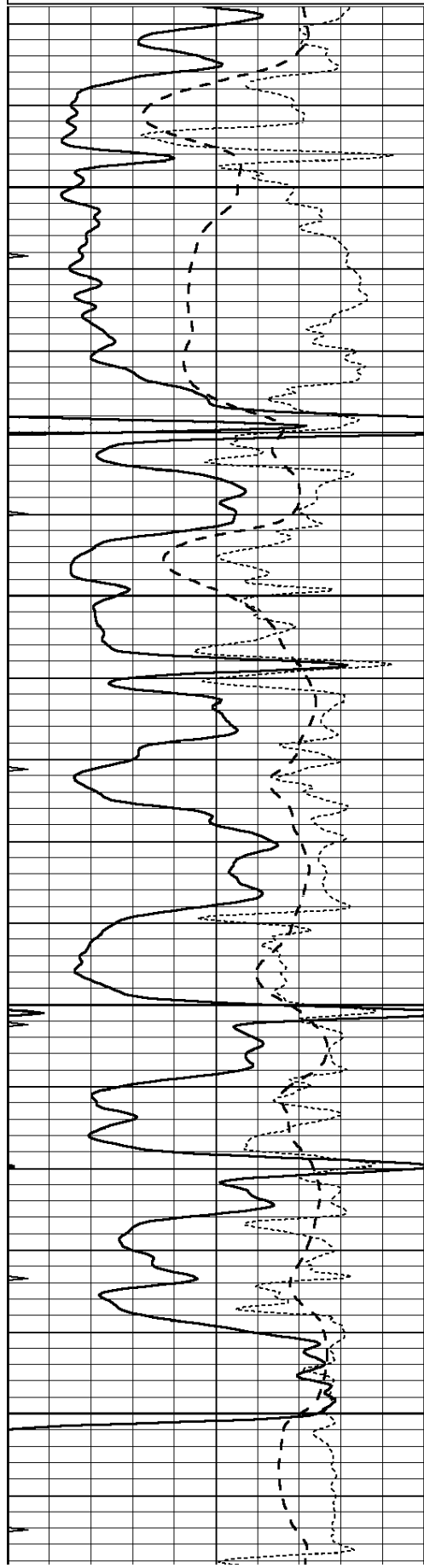
SUPERIOR
Hays,
Kansas

REPEAT SECTION

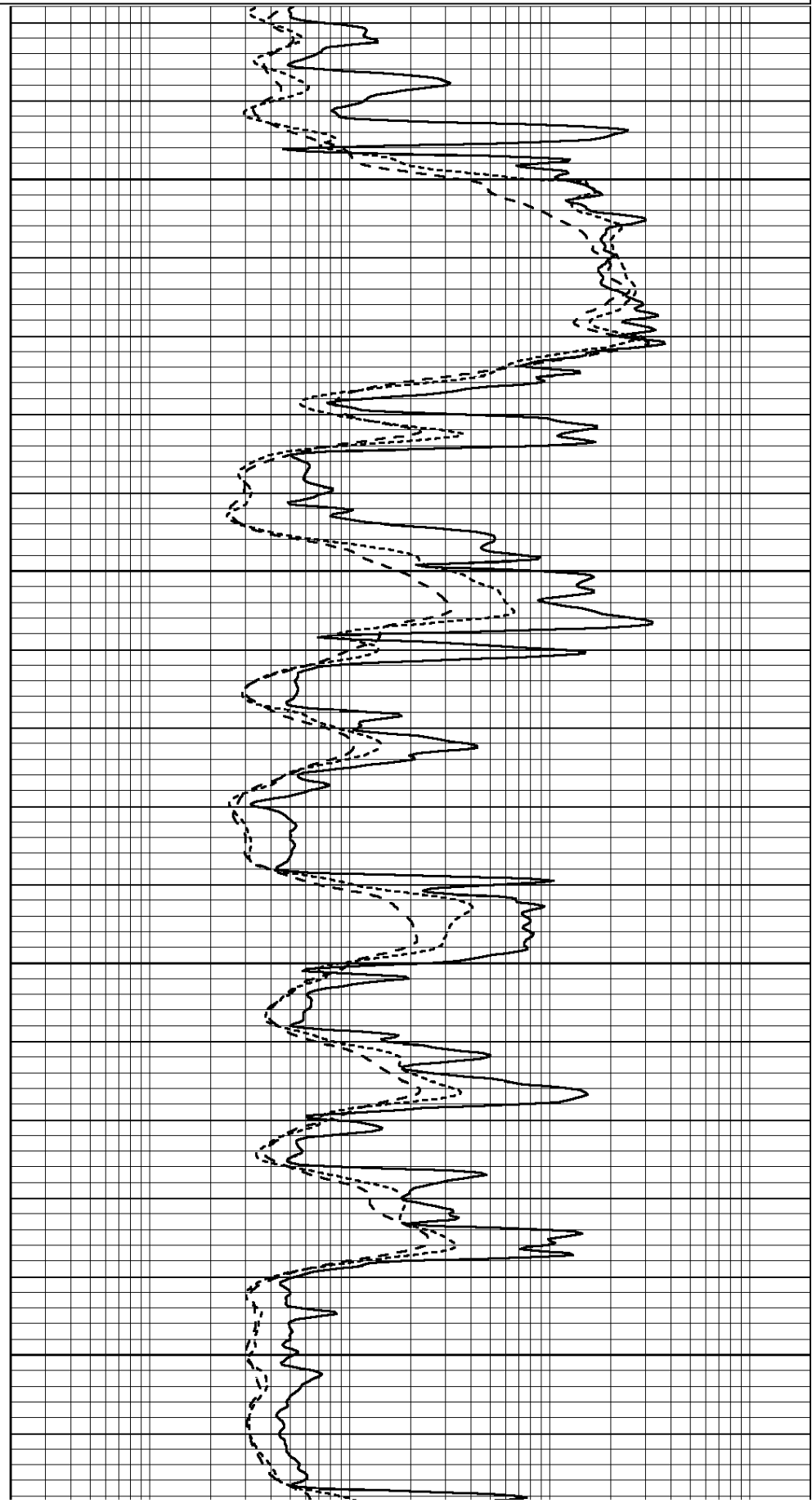
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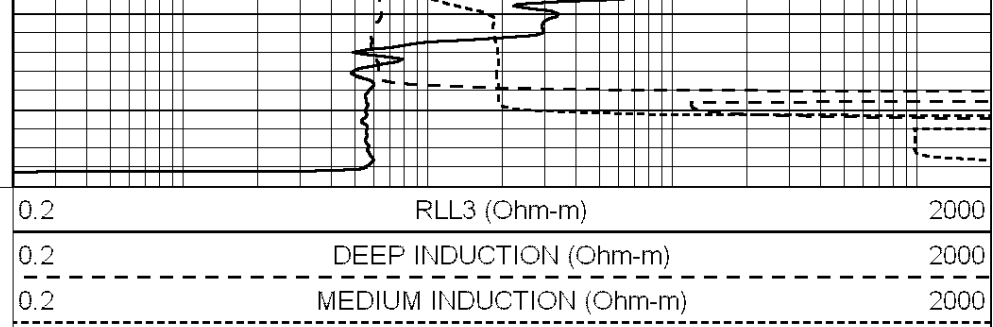
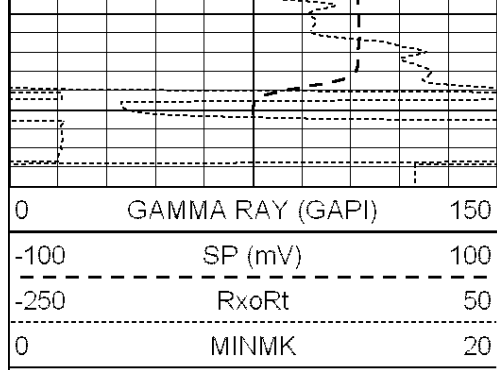
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



3900
3950
4000
4050





0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Calibration Report

Database File: 007774ddn.db
 Dataset Pathname: pass3.1A
 Dataset Creation: Sun Oct 30 15:51:41 2011

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Sun Oct 30 14:07:09 2011

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	530.000	-18.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	550.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Sun Oct 30 14:21:20 2011

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.590	g/cc	282.16	435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.576		
	Size		Reading		
Small Ring	8.70	in	3.15	V	
Large Ring	14.00	in	4.72	V	

Compensated Neutron Calibration Report

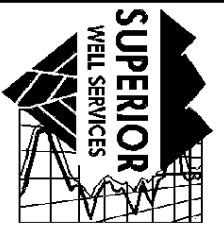
Serial Number: NUE_2I
 Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Oct 30 14:25:40 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6500	GAPI/cps



**SUPERIOR
Hays,
Kansas**

**COMPENSATED
DENSITY
NEUTRON LOG**

Company ETERNITY EXPLORATION, LLC.
Well BETTY WERTH #3
Field GURK NORTH
County GRAHAM
State KANSAS

Company ETERNITY EXPLORATION, LLC.
Well BETTY WERTH #3
Field GURK NORTH
County GRAHAM State KANSAS

Location: API #: 15-065-23780
990' FNL & 1650' FEL
SEC 7 TWP 10S RGE 25W
Permanent Datum GROUND LEVEL Elevation 2545
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
DIL
SONIC/MEL
Elevation
K.B. 2550
D.F.
G.L. 2545

Date	10-30-11
Run Number	ONE
Depth Driller	4079
Depth Logger	4079
Bottom Logged Interval	4055
Top Log Interval	3500
Casing Driller	218
Casing Logger	218
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2 / 48
pH / Fluid Loss	10.5 / 7.2
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.85 @ 90F
Rmf @ Meas. Temp	0.64 @ 90F
Rmc @ Meas. Temp	1.02 @ 90F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.670 @ 115F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	2:15 P.M.
Maximum Recorded Temperature	115F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	SCOTT ALBERG

<<< Fold Here >>>

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Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: ST. PETER, 1N TO RD. F, 3 1/2W, S INTO.

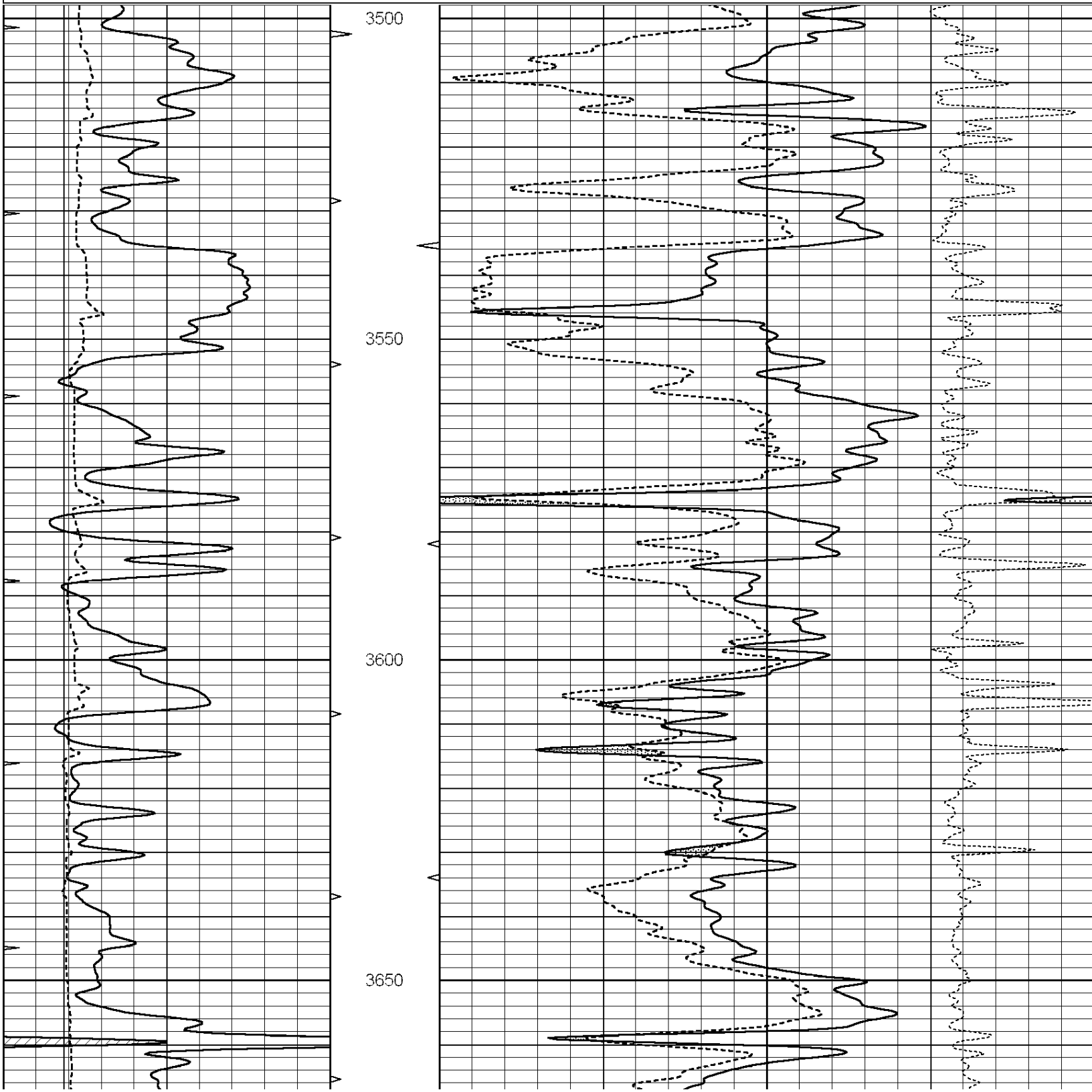


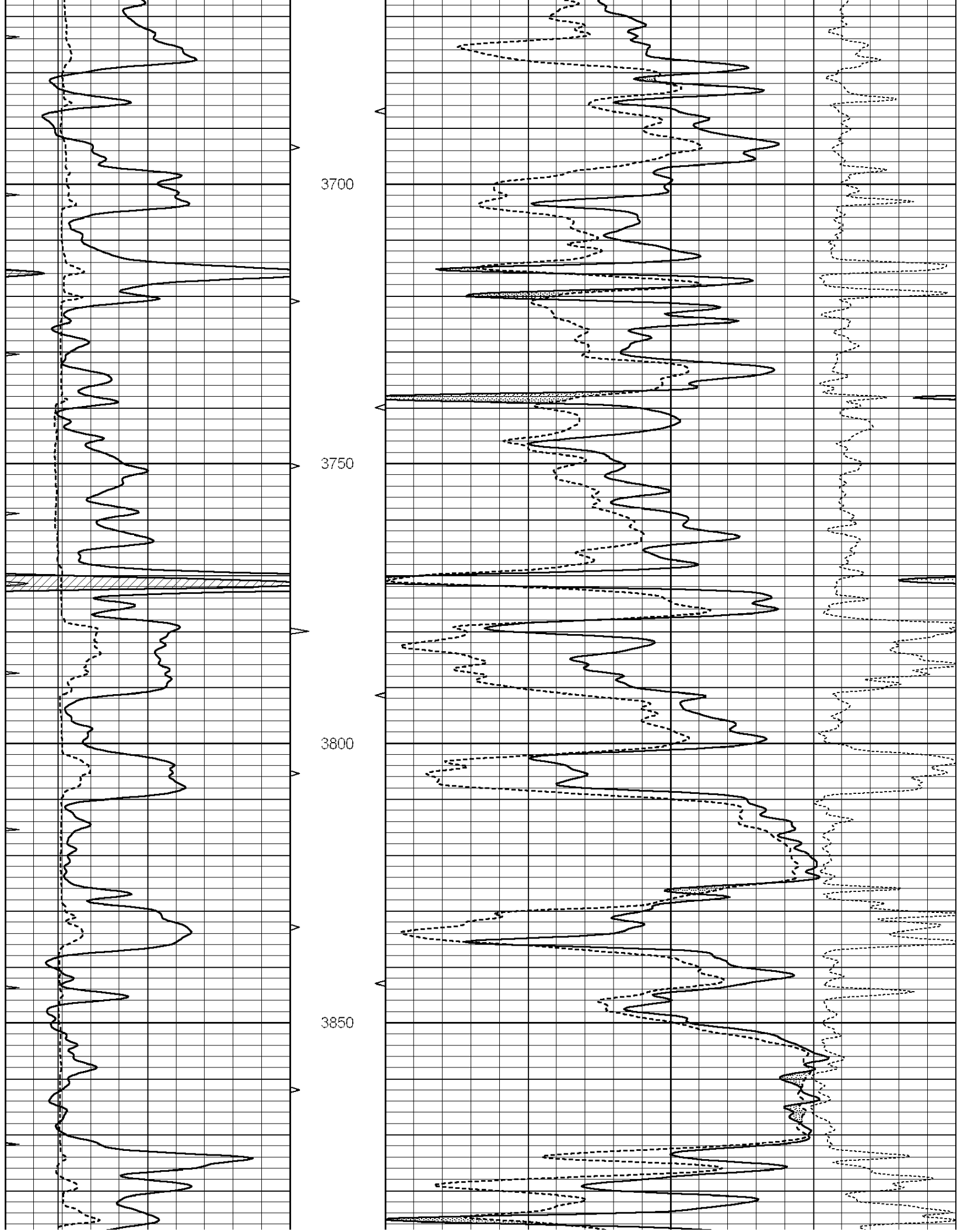
**SUPERIOR
Hays,
Kansas**

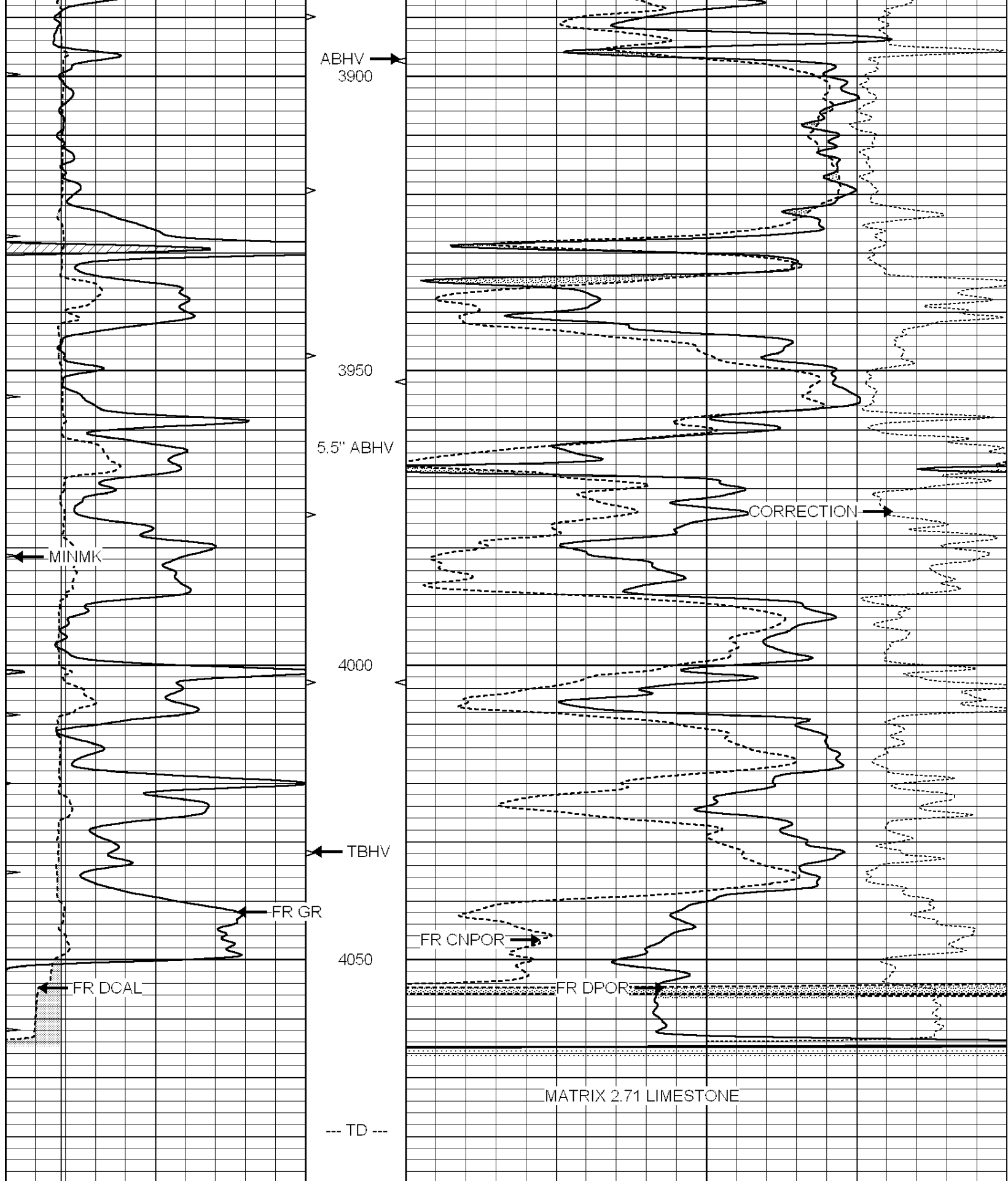
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Database File: 007774ddn.db
 Dataset Pathname: pass3.1A
 Presentation Format: den_neu
 Dataset Creation: Sun Oct 30 15:51:41 2011
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	TBHV		-0.25 CORRECTION (g/cc)	0.25
0	MINMK	20	0 (ft3)	10		







0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10	
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10	
6	CALIPER (in)	16	TBHV		-0.25	CORRECTION (g/cc)	0.25
0	MINMK	20	0 (ft3)	10			

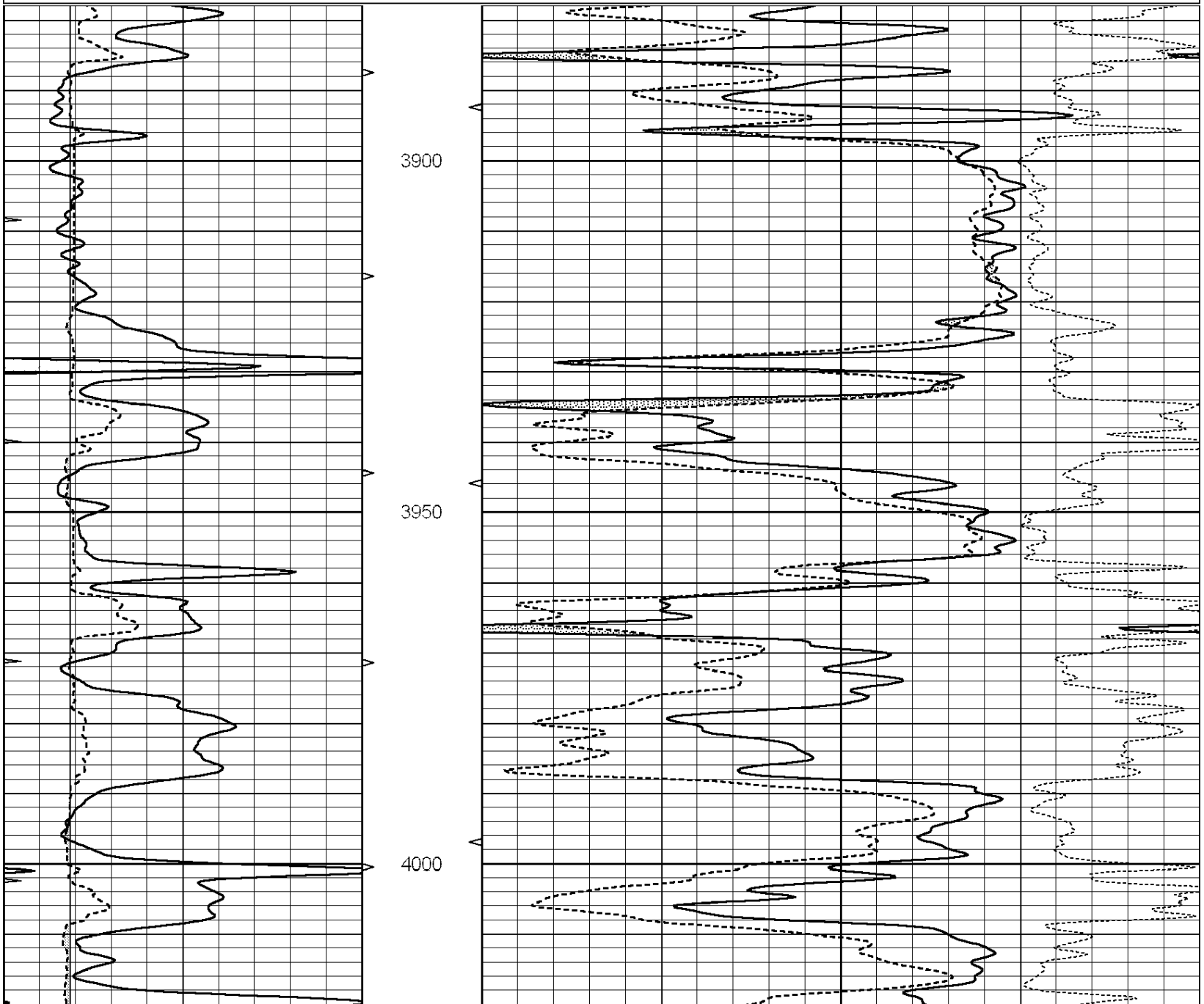


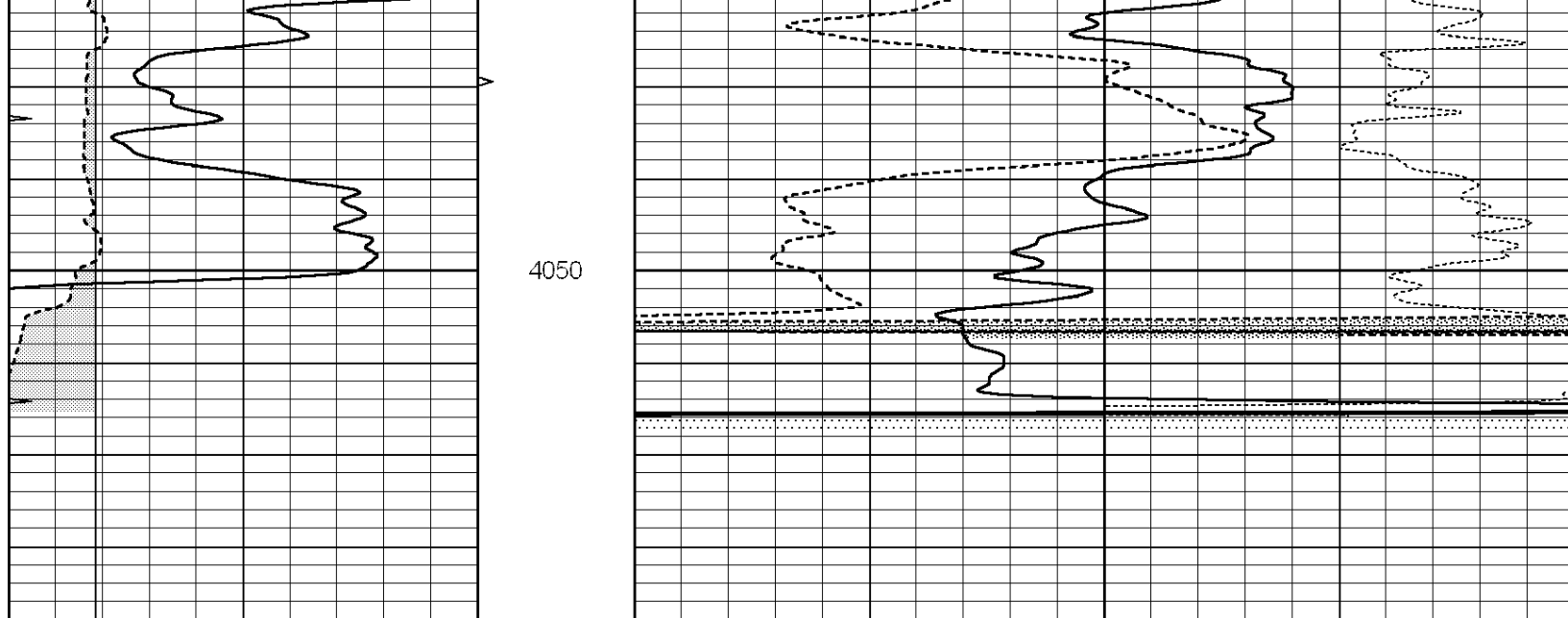
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 007774ddn.db
 Dataset Pathname: pass2.A
 Presentation Format: den_neu
 Dataset Creation: Sun Oct 30 15:54:23 2011
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	TBHV		-0.25	CORRECTION (g/cc)	0.25
0	MINMK	20	0 (ft3)	10			





0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	TBHV		-0.25 CORRECTION (g/cc)	0.25
0	MINMK	20	0 (ft3)	10		

Calibration Report

Database File: 007774ddn.db
 Dataset Pathname: pass3.1A
 Dataset Creation: Sun Oct 30 15:51:41 2011

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Sun Oct 30 14:07:09 2011

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	530.000	-18.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	550.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Sun Oct 30 14:21:20 2011

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.590	g/cc	282.16	435.01	cps

Spine Angle = 76.03

Density/Spine Ratio = 0.576

Size

Reading

Small Ring	8.70	in	3.15	V
Large Ring	14.00	in	4.72	V

Compensated Neutron Calibration Report

Serial Number: NUE_2I
 Tool Model: G

CALIBRATION

Detector	Readings	Target	Normalization
Short Space	1.00 cps	1.00 cps	1.0000
Long Space	1.00 cps	1.00 cps	1.0000

Gamma Ray Calibration Report

Serial Number: GR5
 Tool Model: OPEN
 Performed: Sun Oct 30 14:25:40 2011

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.6500 GAPI/cps



**SUPERIOR
Hays,
Kansas**

**MICRO
LOG**

Company ETERNITY EXPLORATION, LLC.
Well BETTY WERTH #3
Field GURK NORTH
County GRAHAM
State KANSAS

Company ETERNITY EXPLORATION, LLC.
Well BETTY WERTH #3
Field GURK NORTH
County GRAHAM State KANSAS

Location: API #: 15-065-23780
990' FNL & 1650' FEL
SEC 7 TWP 10S RGE 25W
GROUND LEVEL Elevation 2545
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
DIL/SONIC
Elevation
K.B. 2550
D.F.
G.L. 2545

Date	10-30-11
Run Number	TWO
Depth Driller	4079
Depth Logger	4079
Bottom Logged Interval	4062
Top Log Interval	3500
Casing Driller	218
Casing Logger	218
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2 / 48
pH / Fluid Loss	10.5 / 7.2
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.85 @ 90F
Rmf @ Meas. Temp	0.64 @ 90F
Rmc @ Meas. Temp	1.02 @ 90F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.670 @ 115F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	2:15 P.M.
Maximum Recorded Temperature	115F
Equipment Number	860
Location	HAYS, KS.
Recorded By	RUPP
Witnessed By	SCOTT ALBERG

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

Comments

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: ST. PETER, 1N TO RD. F, 3 1/2W, S INTO.



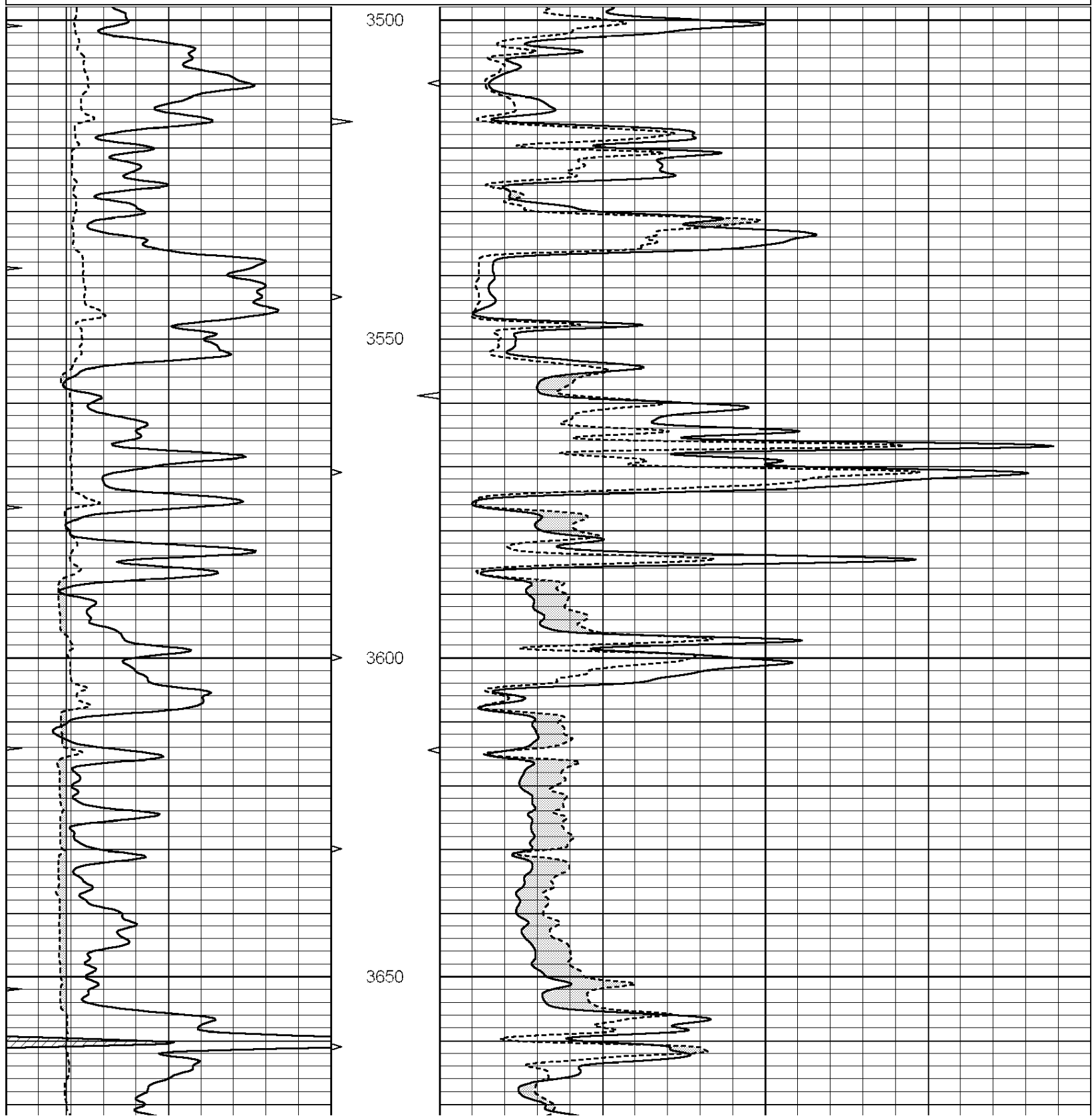
SUPERIOR
Hays,
Kansas

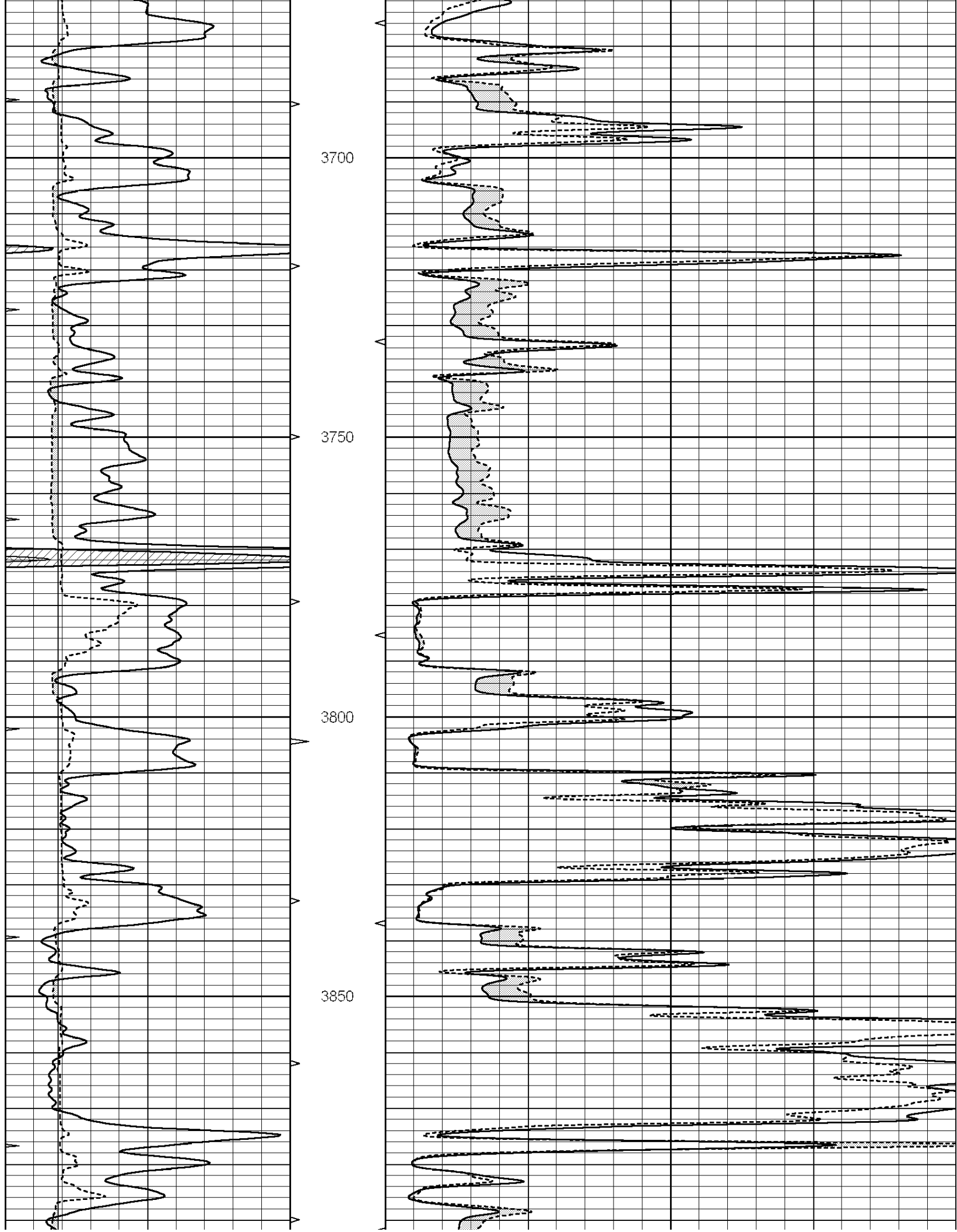
MAIN SECTION

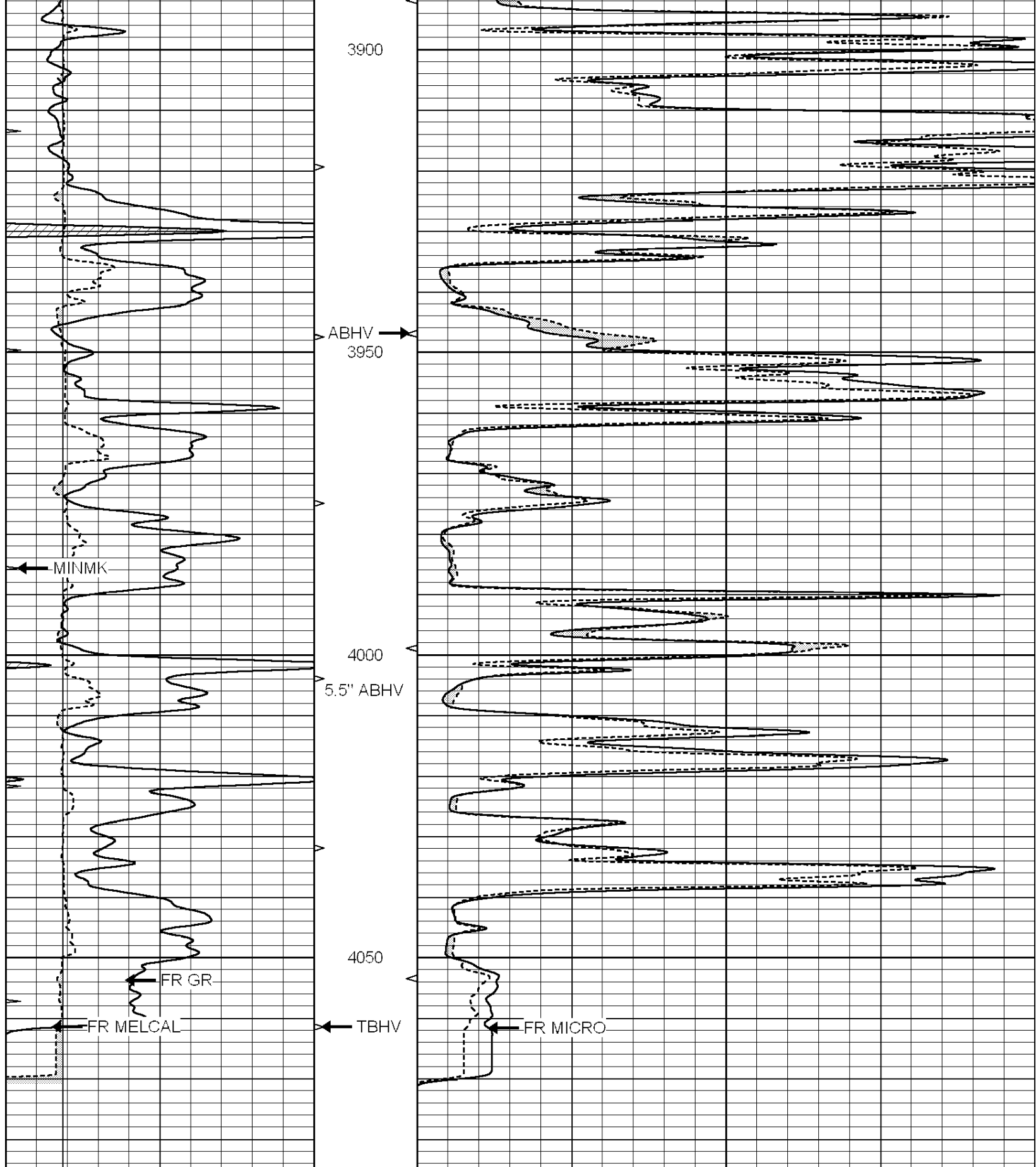
Database File: 007774ddn.db
Dataset Pathname: pass5.1
Presentation Format: micro
Dataset Creation: Sun Oct 30 17:28:59 2011
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40







0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40



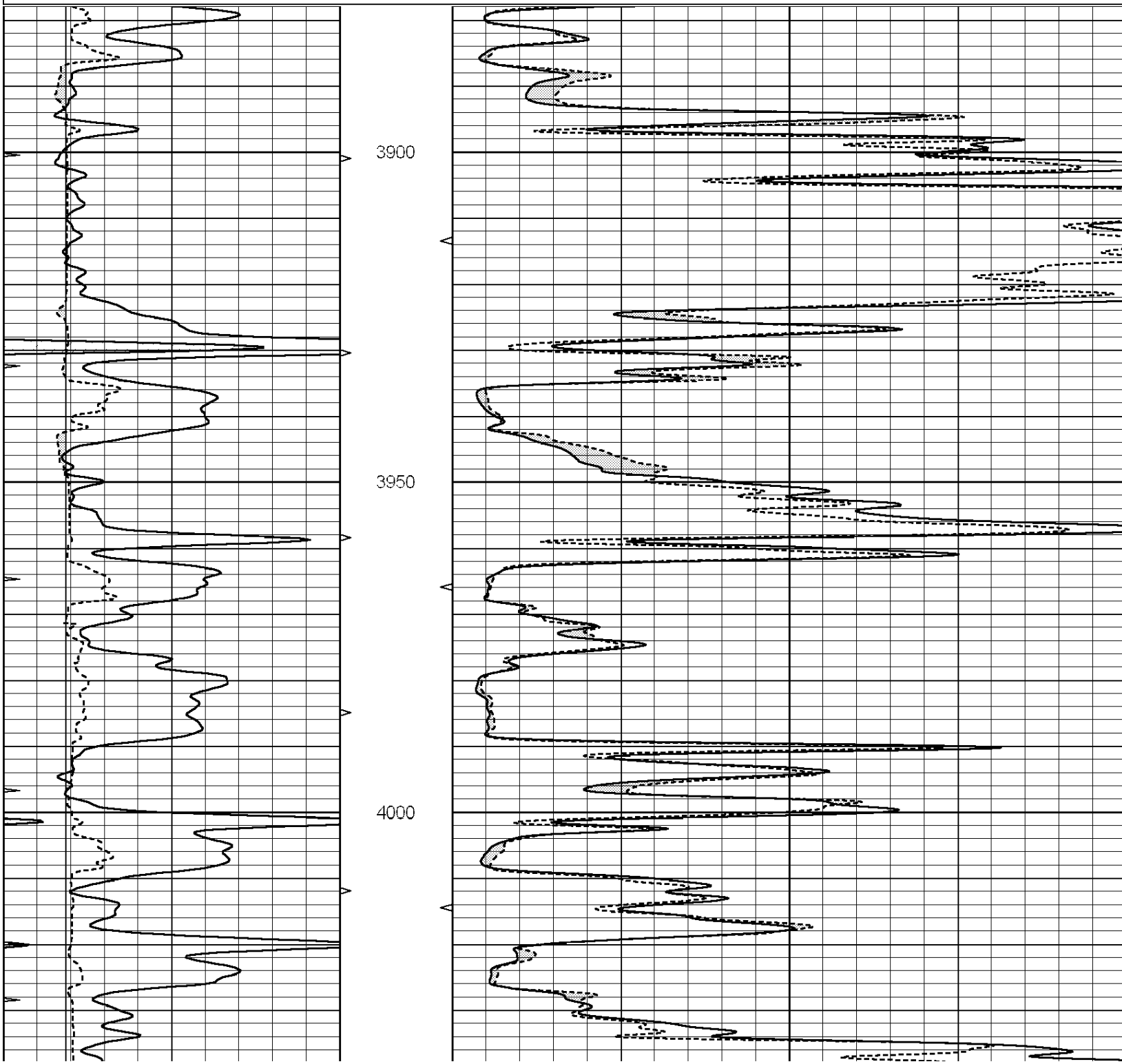
SUPERIOR
Hays,
Kansas

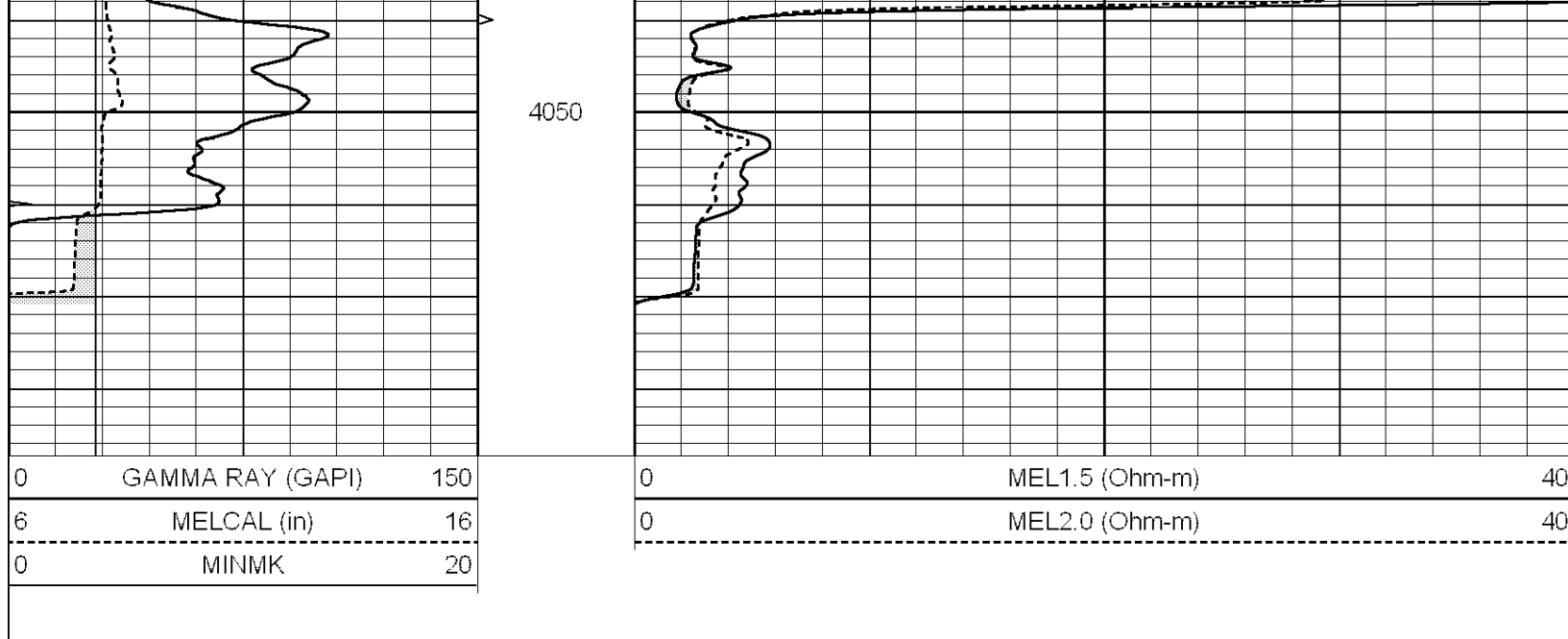
REPEAT SECTION

Database File: 007774ddn.db
 Dataset Pathname: pass4
 Presentation Format: micro
 Dataset Creation: Sun Oct 30 16:08:51 2011 by Log Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40





Calibration Report

Database File: 007774ddn.db
 Dataset Pathname: pass5.1
 Dataset Creation: Sun Oct 30 17:28:59 2011

MICRO Calibration Report

Serial Number:	Micro1	
Tool Model:	ProbeL	
Performed:	Sun Oct 30 16:12:18 2011	
Caliper Calibration:	Gain=2.858	Offset=-1.741
References	Low Cal	High Cal
Readings	7.500	13.000
	3.233	5.157
1.5" Calibration:	Gain=34.000	Offset=-0.100
References	Low Cal	High Cal
Readings	0.000	20.000
	0.003	0.844
2" Calibration:	Gain=30.000	Offset=-0.200
References	Low Cal	High Cal
Readings	0.000	20.000
	0.028	0.817

Gamma Ray Calibration Report

Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Oct 30 14:25:40 2011	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6500	GAPI/cps