



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1100944
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: _____



1100944

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: 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
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 35608
LOCATION SUREKA
FOREMAN Kevin McCoy

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

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-111-20466

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-23-12	3314	LEFFER #1	21	16S	10E	Lyon KS
CUSTOMER			TRUCK #		DRIVER	
GLACIER Petroleum INC			520		John S.	
MAILING ADDRESS			667		CHRIS B.	
P.O. Box 577						
CITY	STATE	ZIP CODE				
Emporia	Ks	66801				

Summit
Delg.
Co.

JOB TYPE SURFACE 0 HOLE SIZE 12 1/4 HOLE DEPTH 225 LB CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 222 LB DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15* SLURRY VOL 30 BBL WATER gal/sk 6.5 CEMENT LEFT in CASING 15'
 DISPLACEMENT 13.2 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. Break circulation w/ 10 BBL fresh water. Mixed 125 sks class "A" cement w/ 3% CACL2, 2% GEL, 1/4" Fluocele /sk @ 15*/gal. Displace w/ 13.2 BBL fresh water. Shut casing in. Good cement returns to surface = 5 BBL slurry to pit. Job complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406	60	MILEAGE	4.00	240.00
11045	125 sks	CLASS "A" Cement	14.95	1868.75
1102	350 *	CACL2 3%	.74	259.00
1118 B	235 *	GEL 2%	.21	49.35
1107	30 *	Fluocele 1/4" /sk	2.39	71.70
5407 A	5.87 Tons	60 miles Bulk Delv.	1.34	471.95
			Sub TOTAL	3785.75
			SALES TAX 7.3%	164.16
			ESTIMATED TOTAL	3949.91

THANK YOU

AUTHORIZATION Don Cox TITLE Toolpusher DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's

Revin 3737



Pioneer Energy Services

Dual Induction Log

15-111-20,466-00-00

Company **Glacier Petroleum Co., Inc.**
 Well **Leffler Trust No. 1**
 Field
 County **Lyon** State **Kansas**
 Location **NE SW/NW SE
 1,976' FSL & 2,293' FEL**
 Sec: **21** Twp: **16S** Rge: **10E**

Other Services
 CNL/CDL
 MEL/BHCS

Elevation
 K.B. 1447
 D.F. 1437
 G.L. 1437

Permanent Datum	Ground Level	Elevation 1437
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	11/3/2012	
Run Number	One	
Depth Driller	3370	
Depth Logger	3370	
Bottom Logged Interval	3369	
Top Log Interval	200	
Casing Driller	8.625 @ 225	
Casing Logger	220	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	800	
Density / Viscosity	9.4 50	
pH / Fluid Loss	9.5 7.4	
Source of Sample	Flowline	
Rm @ Meas. Temp	.50 @ 60	
Rmf @ Meas. Temp	.38 @ 60	
Rmc @ Meas. Temp	.68 @ 60	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.27 @ 110	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	110	
Equipment Number	108	
Location	Hays	
Recorded By	J. Long	
Witnessed By	Saman Sharifaie	

<<< Fold Here >>>

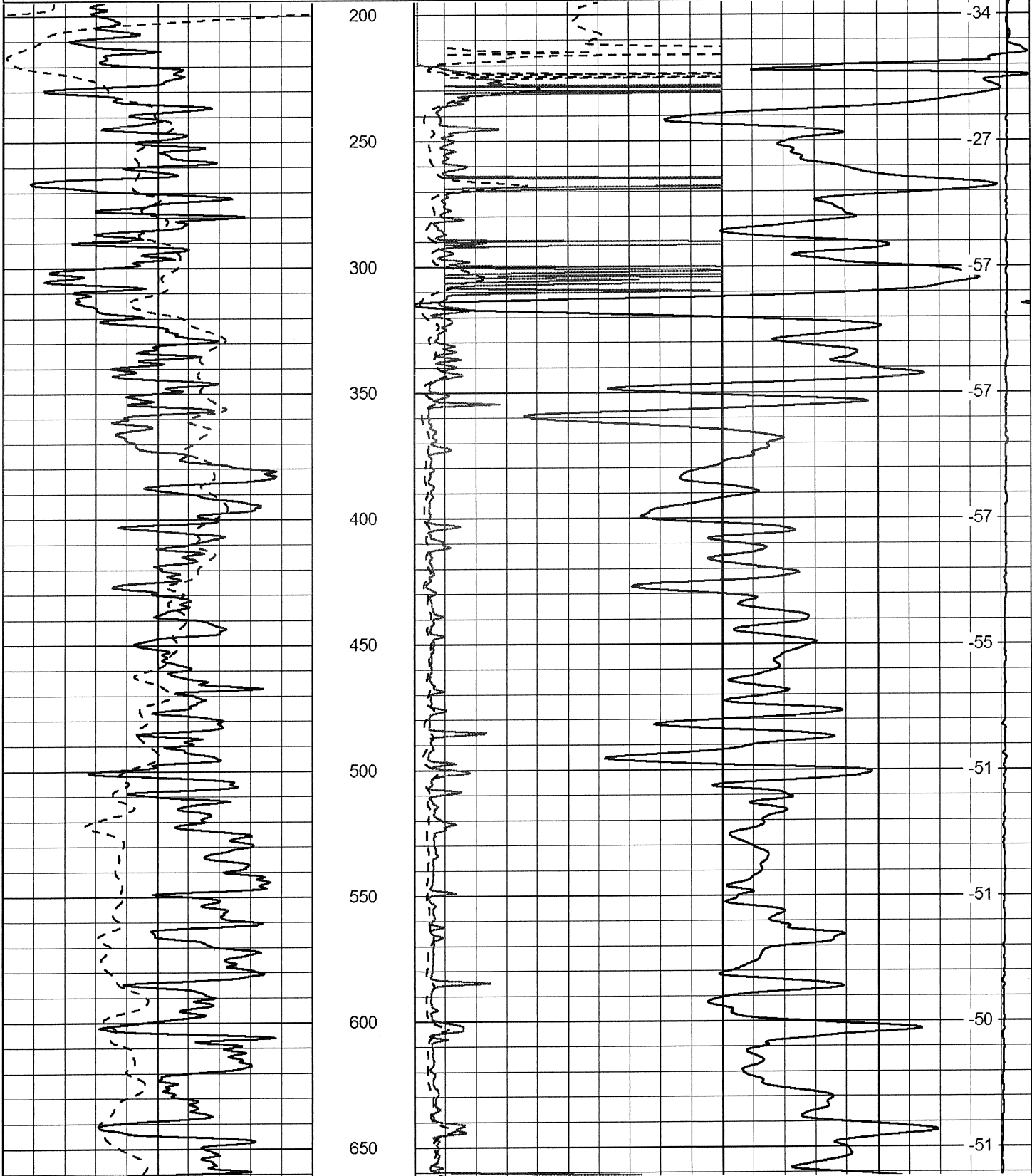
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

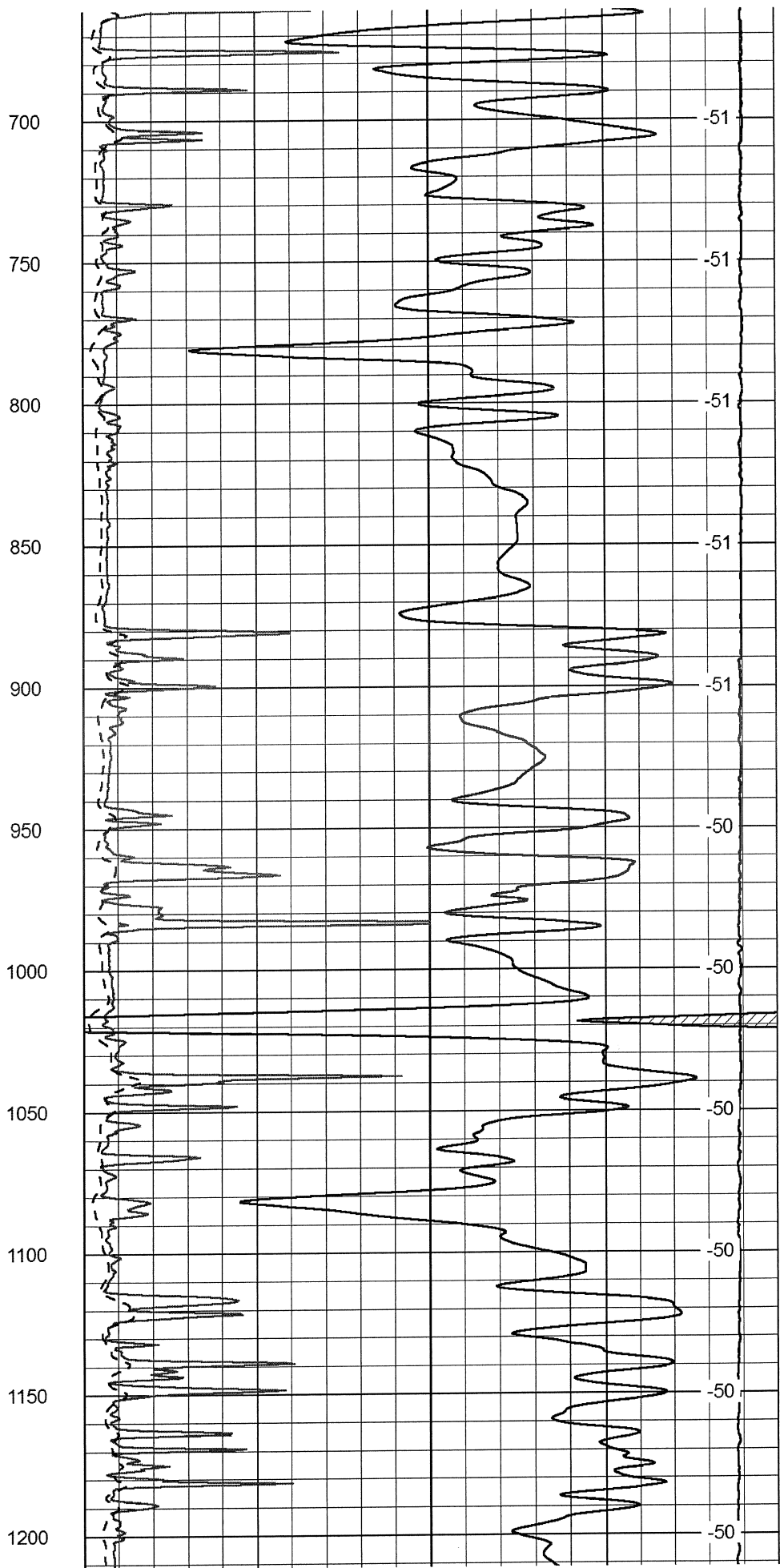
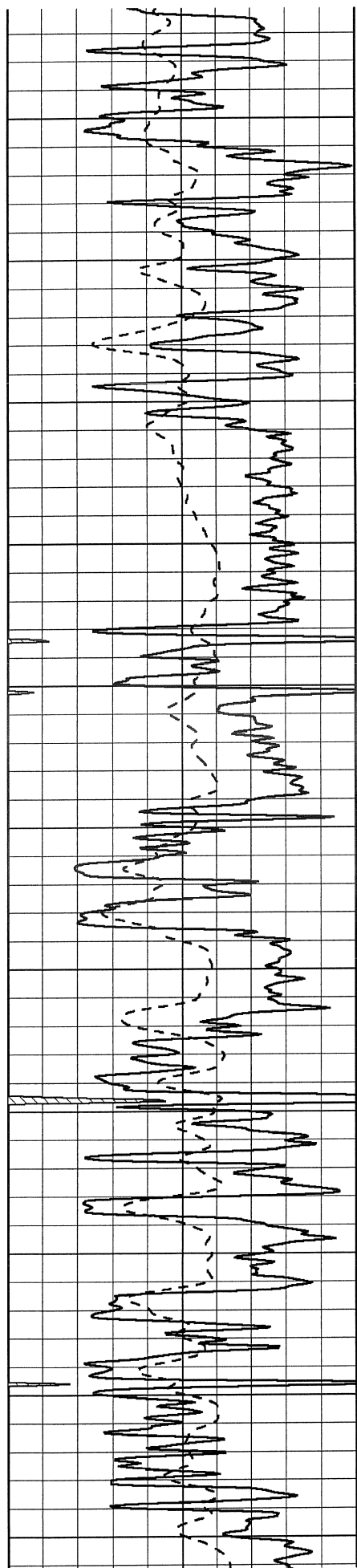
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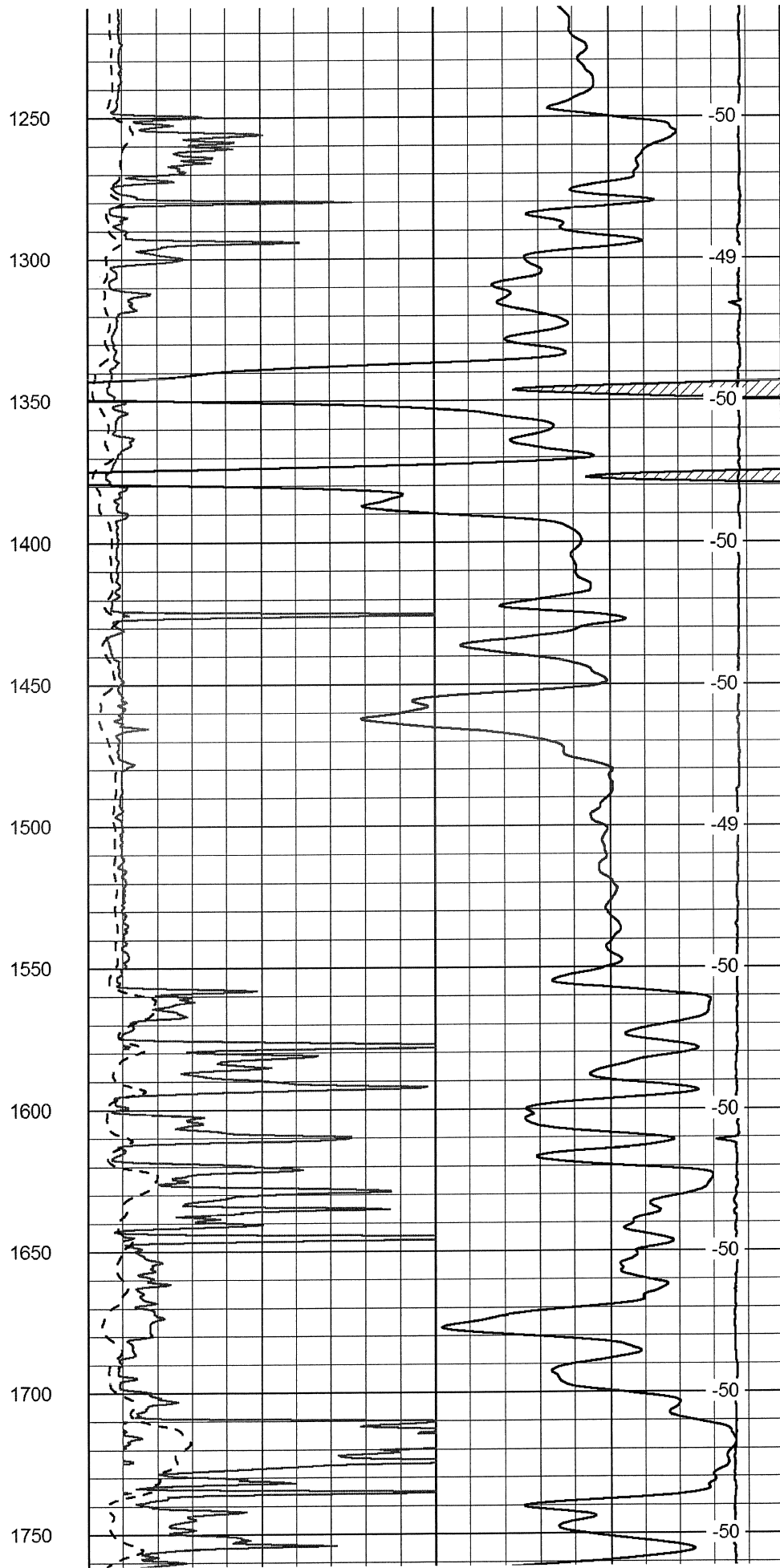
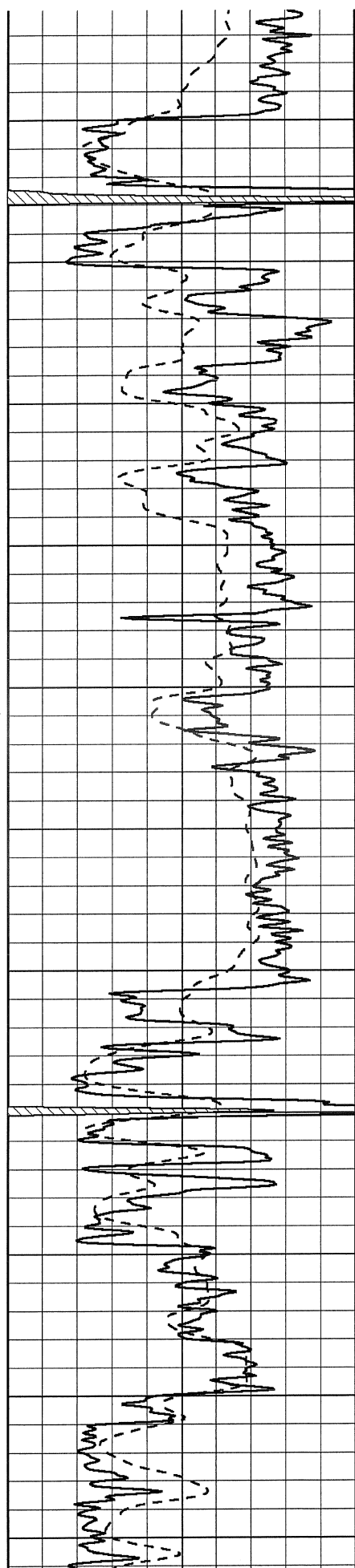
Thank you for using Pioneer Energy Services
www.pioneeres.com
 785 625 3858
 Council Grove, 10 East to D Road, 2 South, Northwest Into

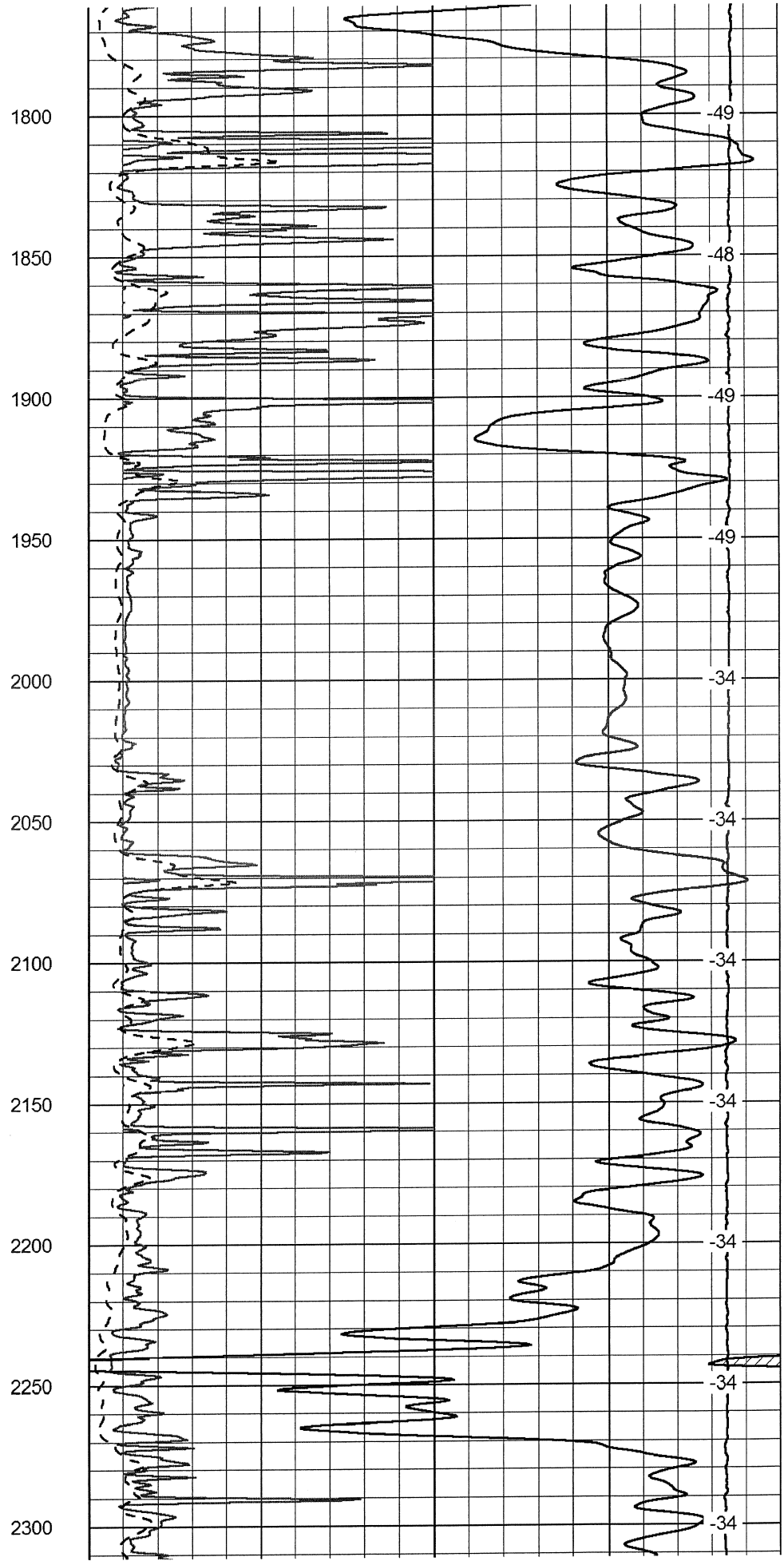
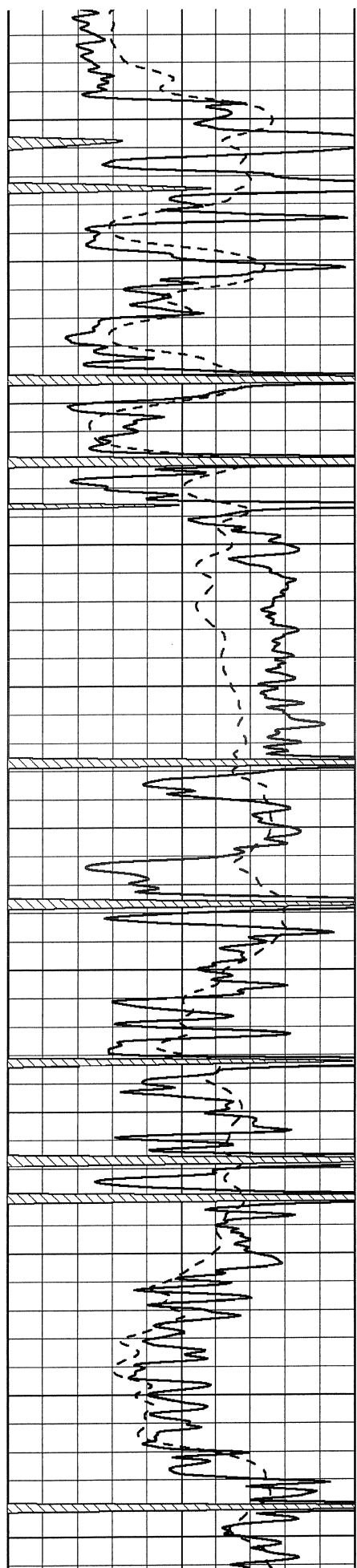
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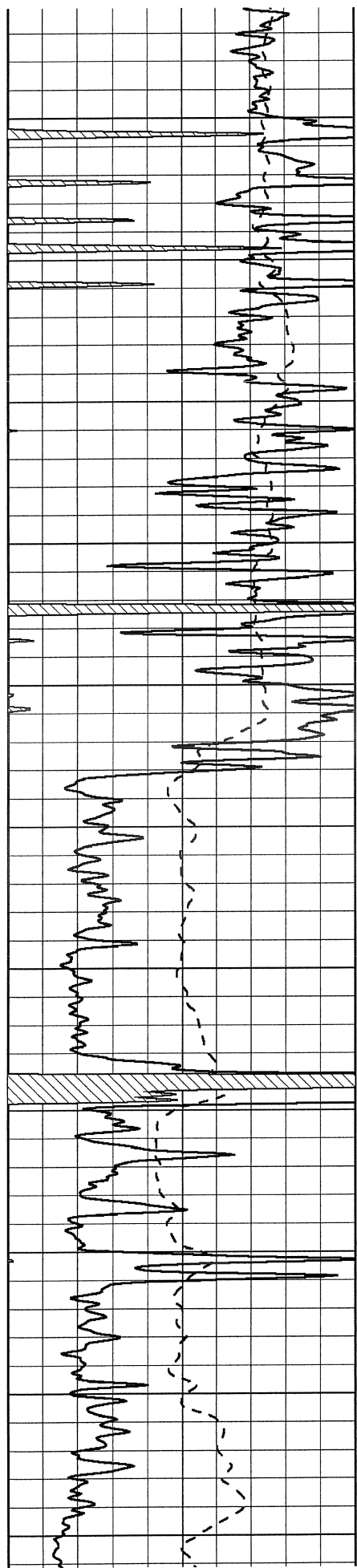
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-200	SP (mV)	0	0	Deep Resistivity	50	
-----			1000	Conductivity		0
			15000	Line Tension		0
			50	Shallow Resistivity	500	
			50	Deep Resistivity	500	



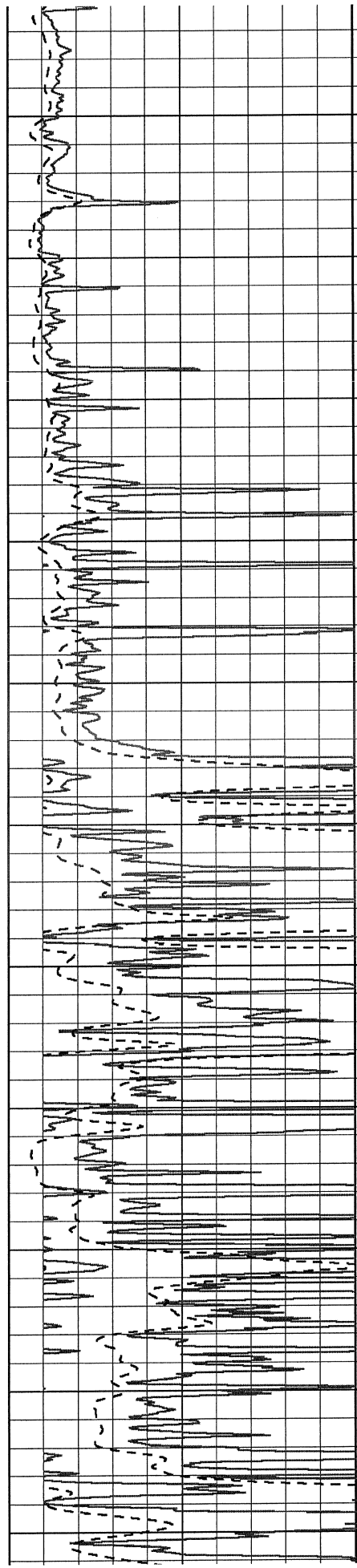




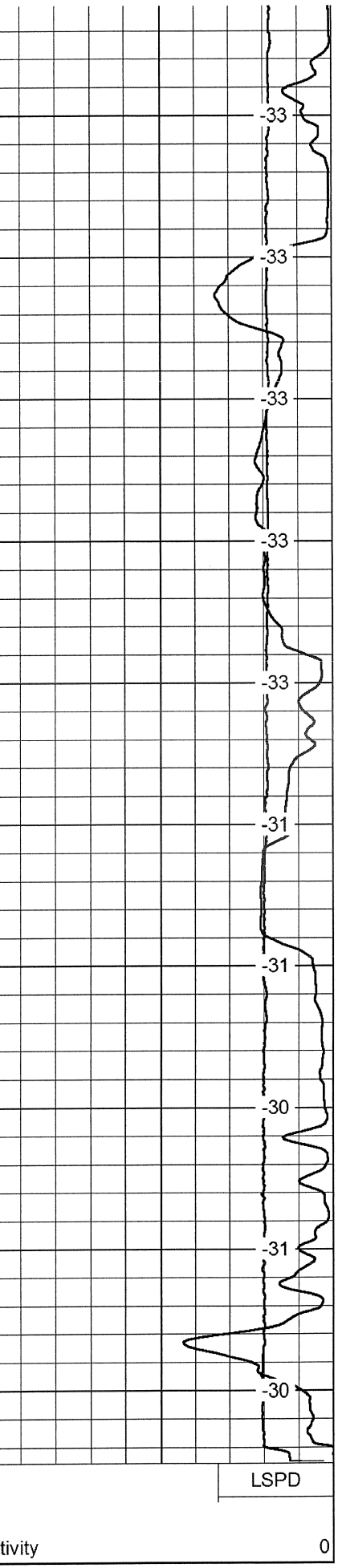
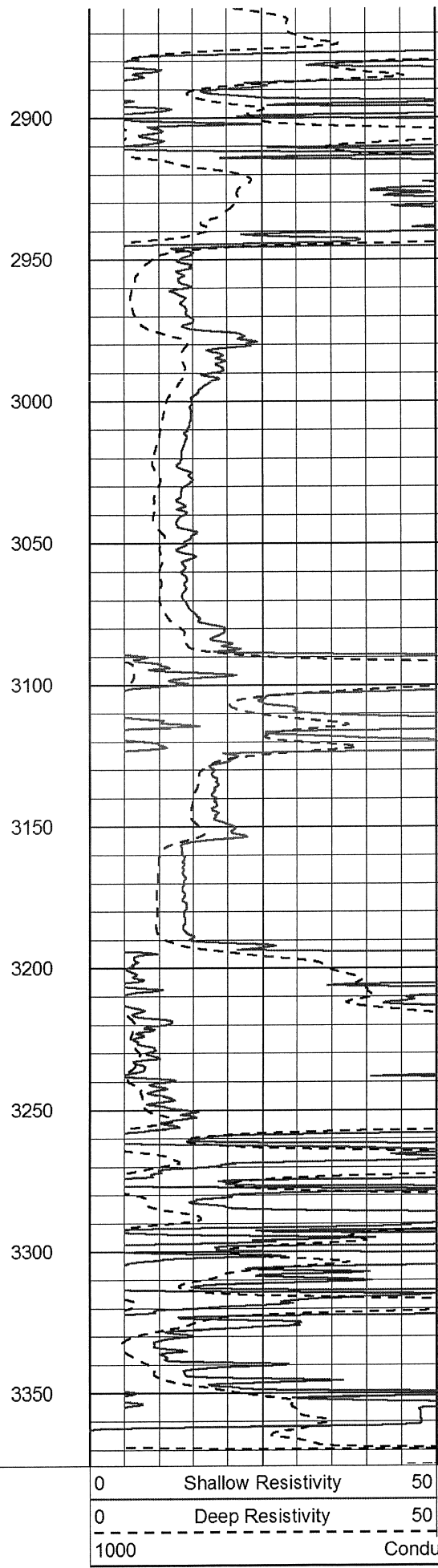
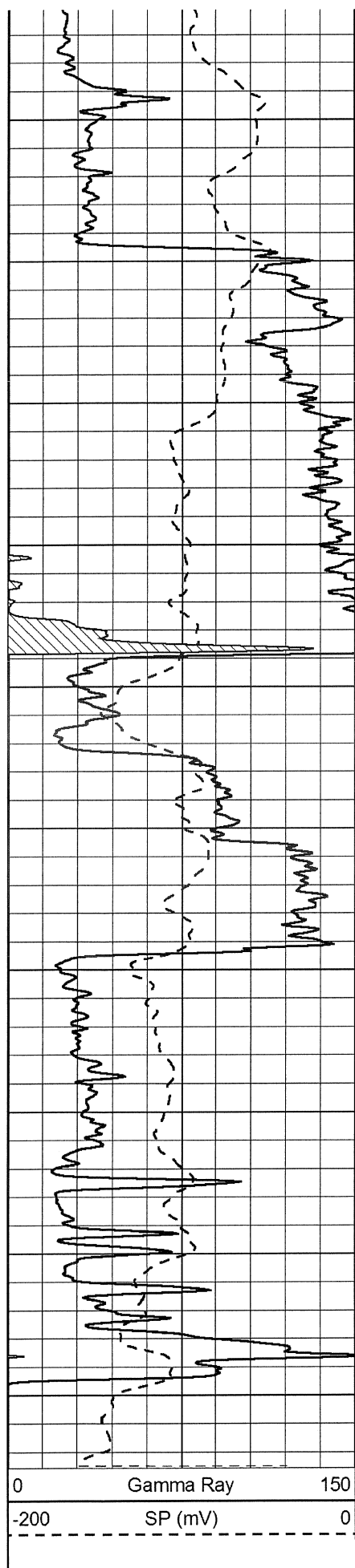




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1000 Conductivity 0

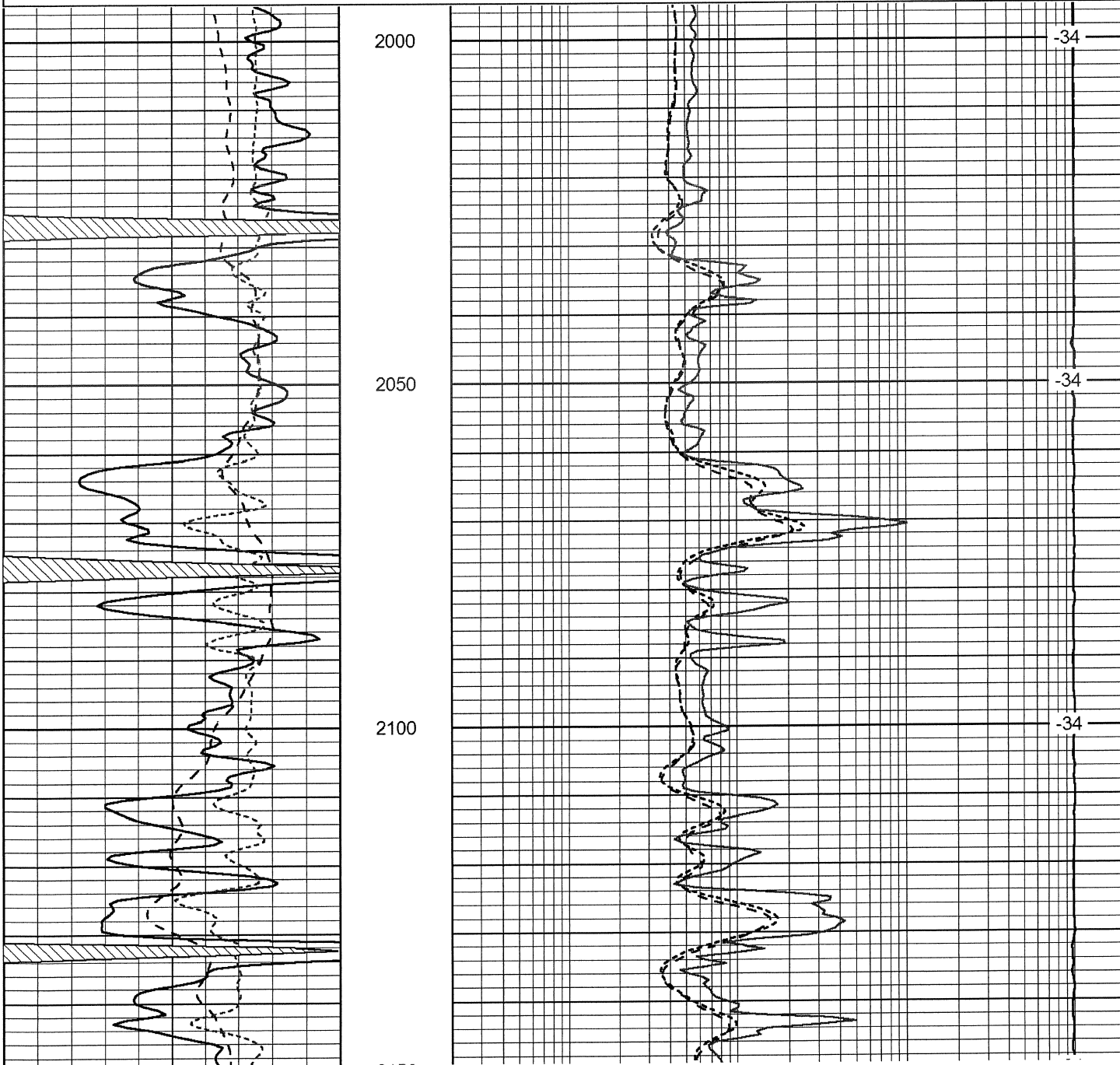
15000 Line Tension 0

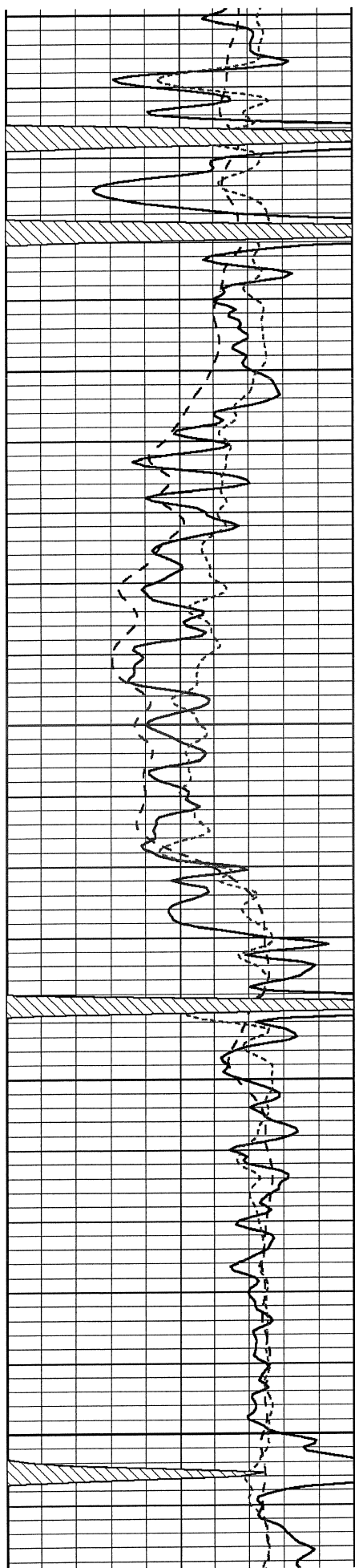
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50	Deep Resistivity	500

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0	Gamma Ray	150	0.2	Deep Resistivity	2000
-200	SP (mV)	0	0.2	Medium Resistivity	2000
-160	RxoRt	40	0.2	Shallow Resistivity	2000
			15000	Line Tension	0

LSPD





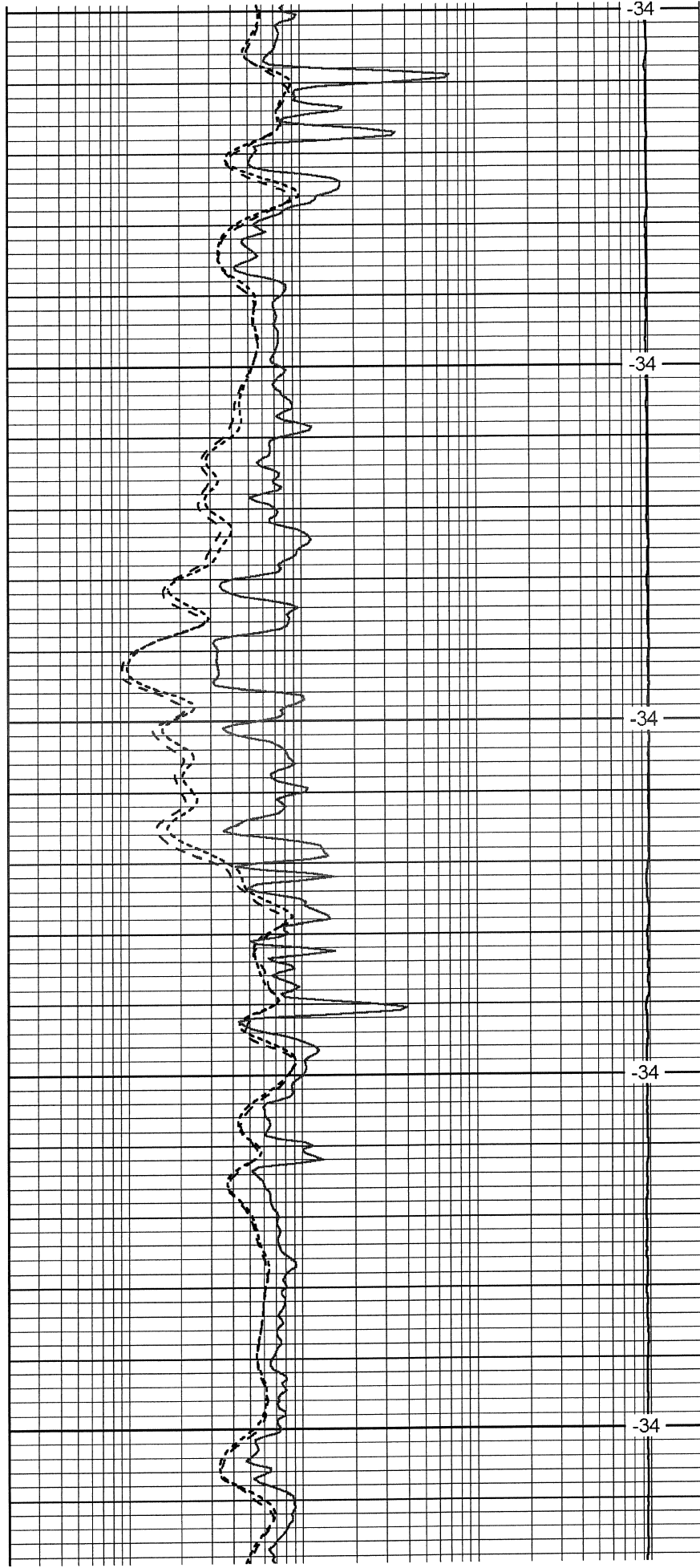
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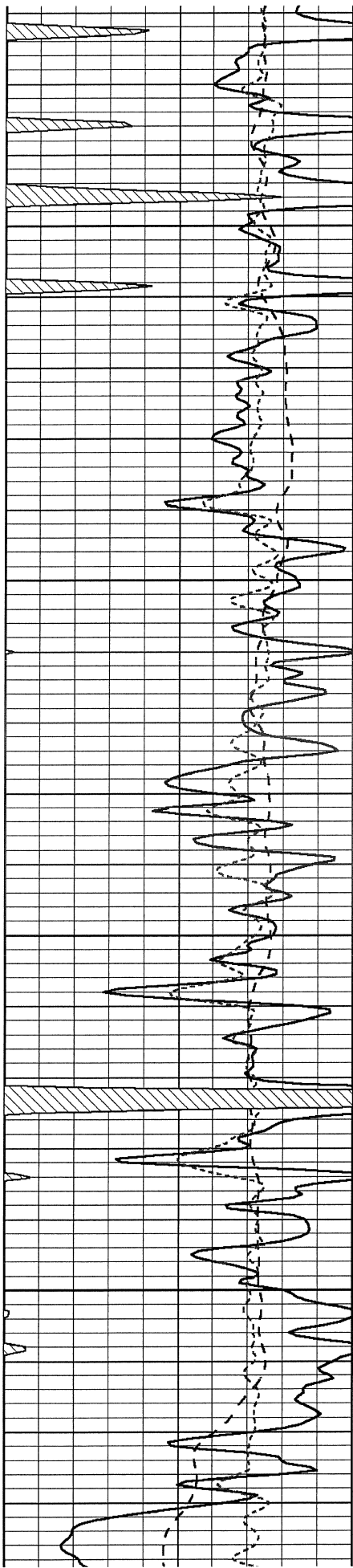
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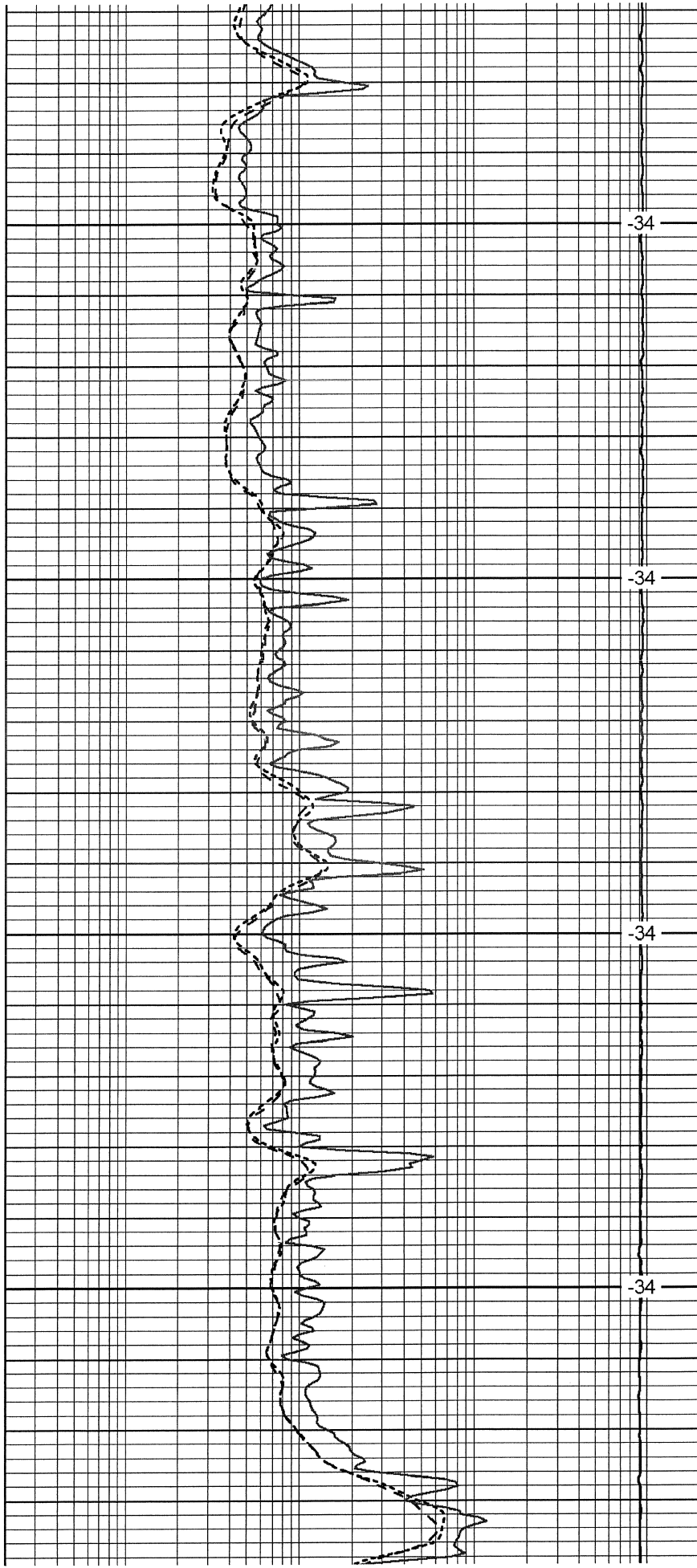


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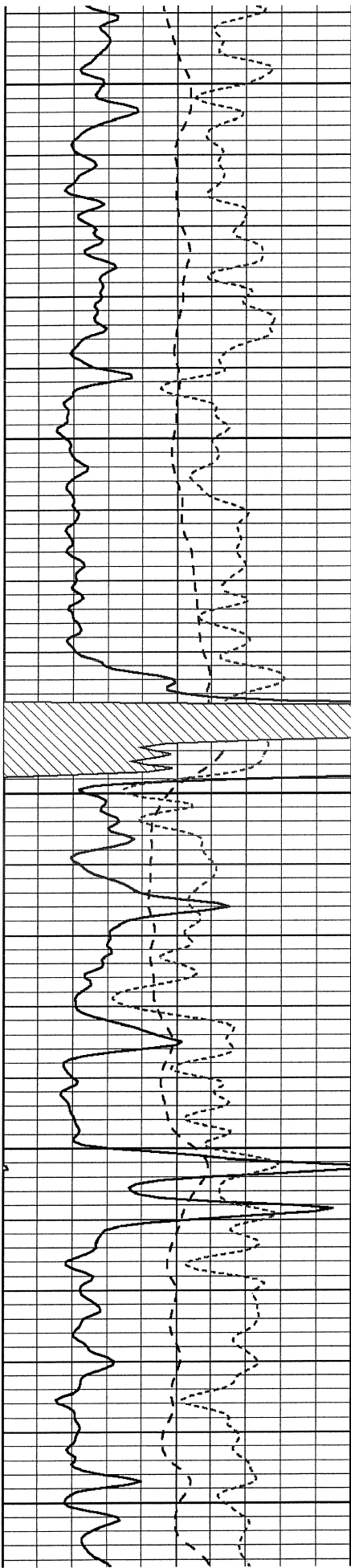


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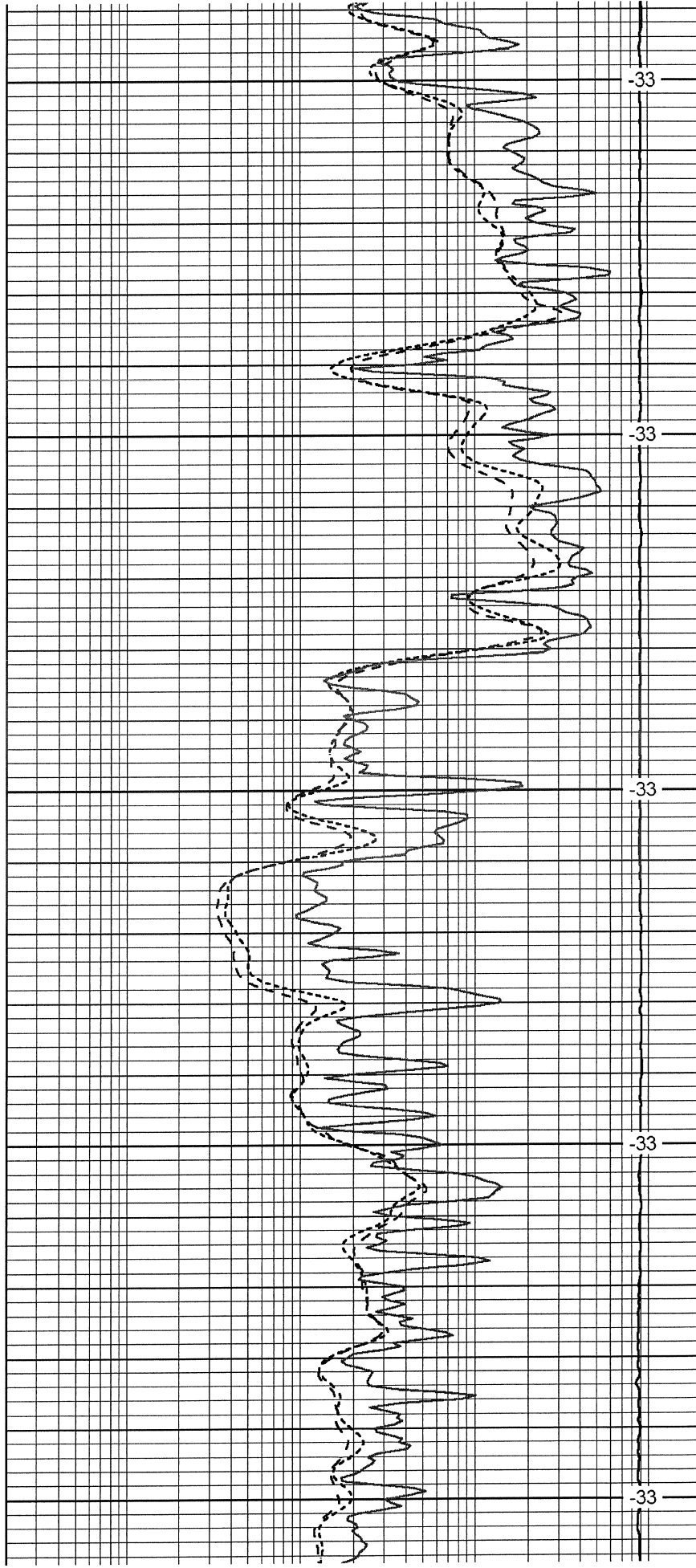
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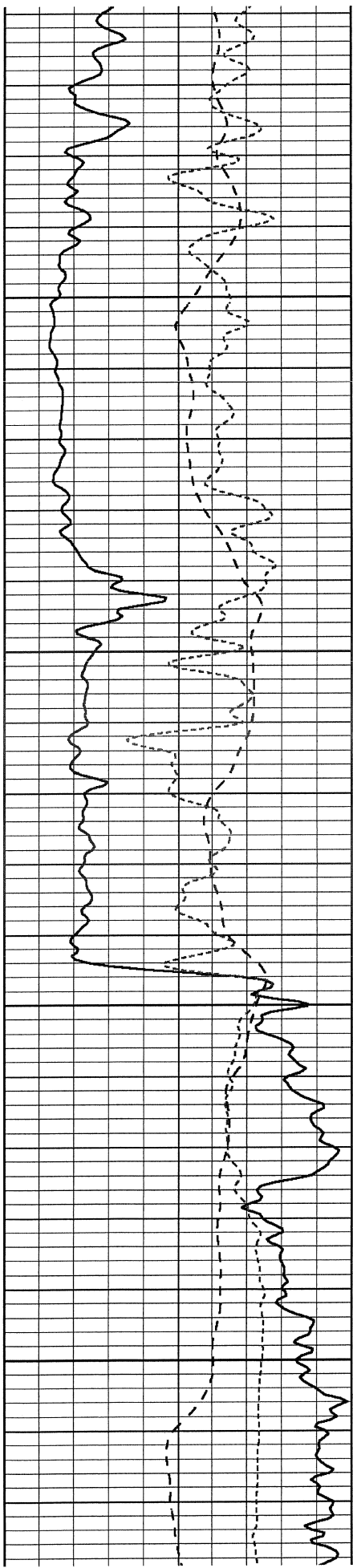
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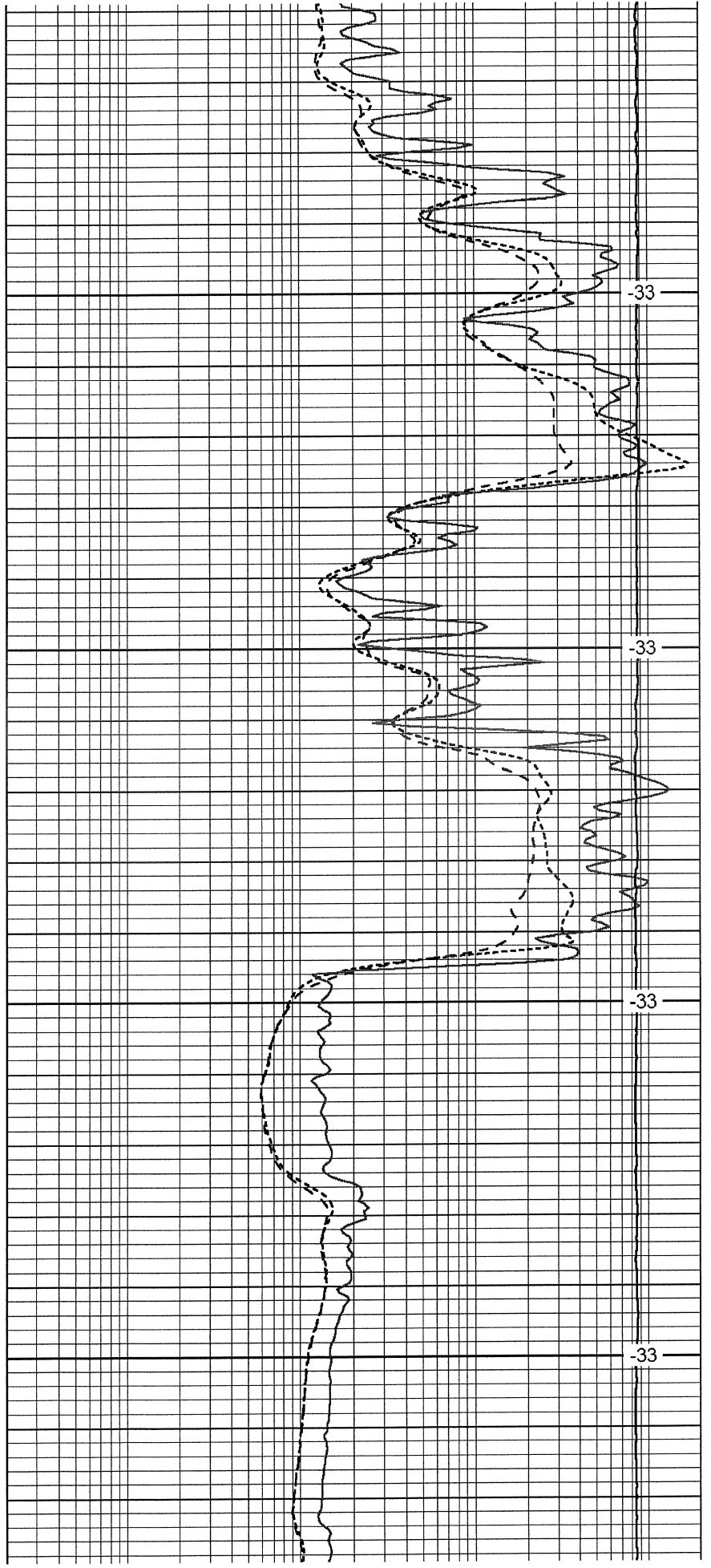


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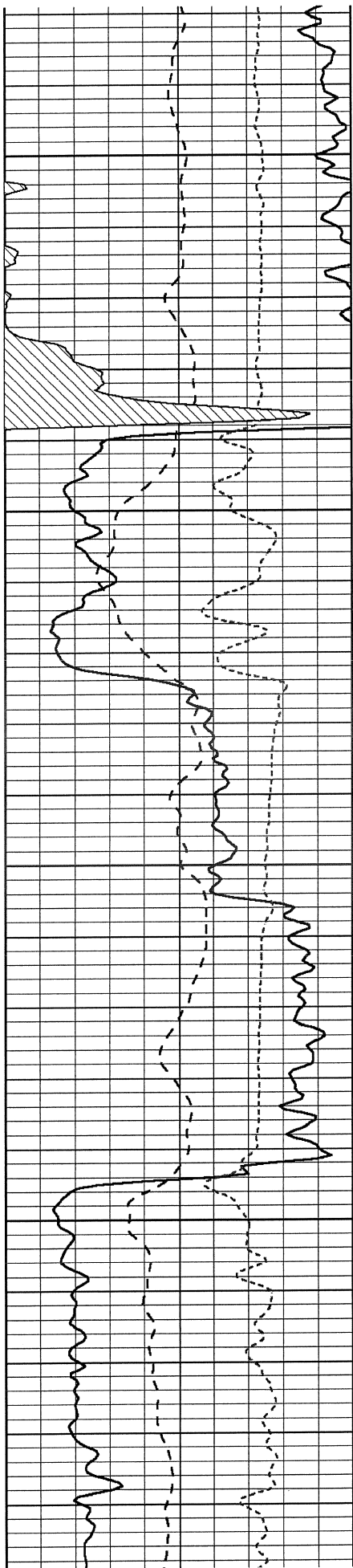


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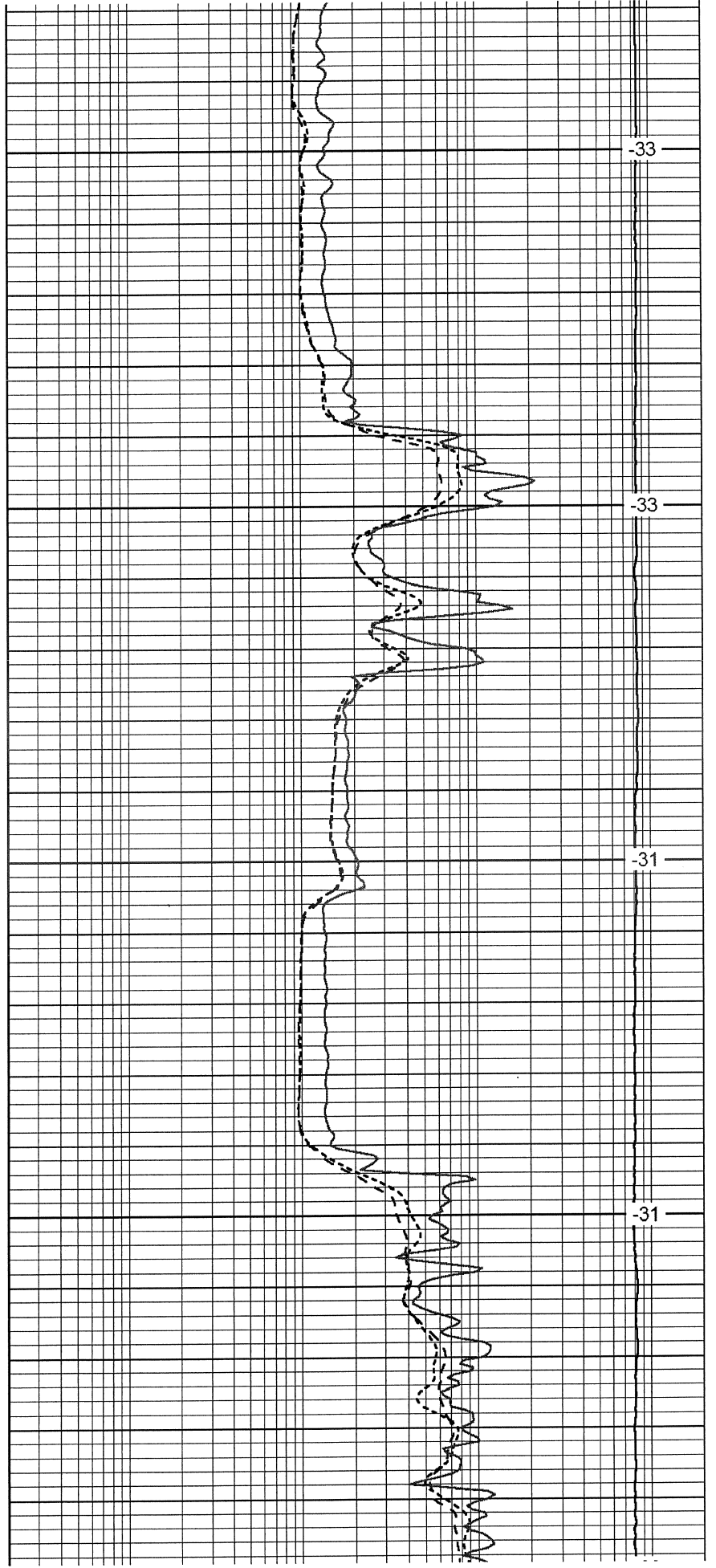


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3100

3150

3200

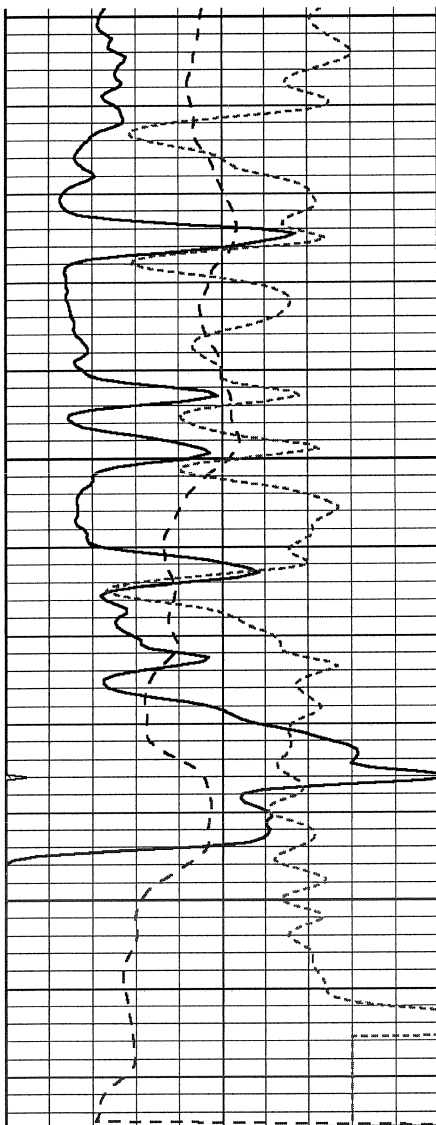


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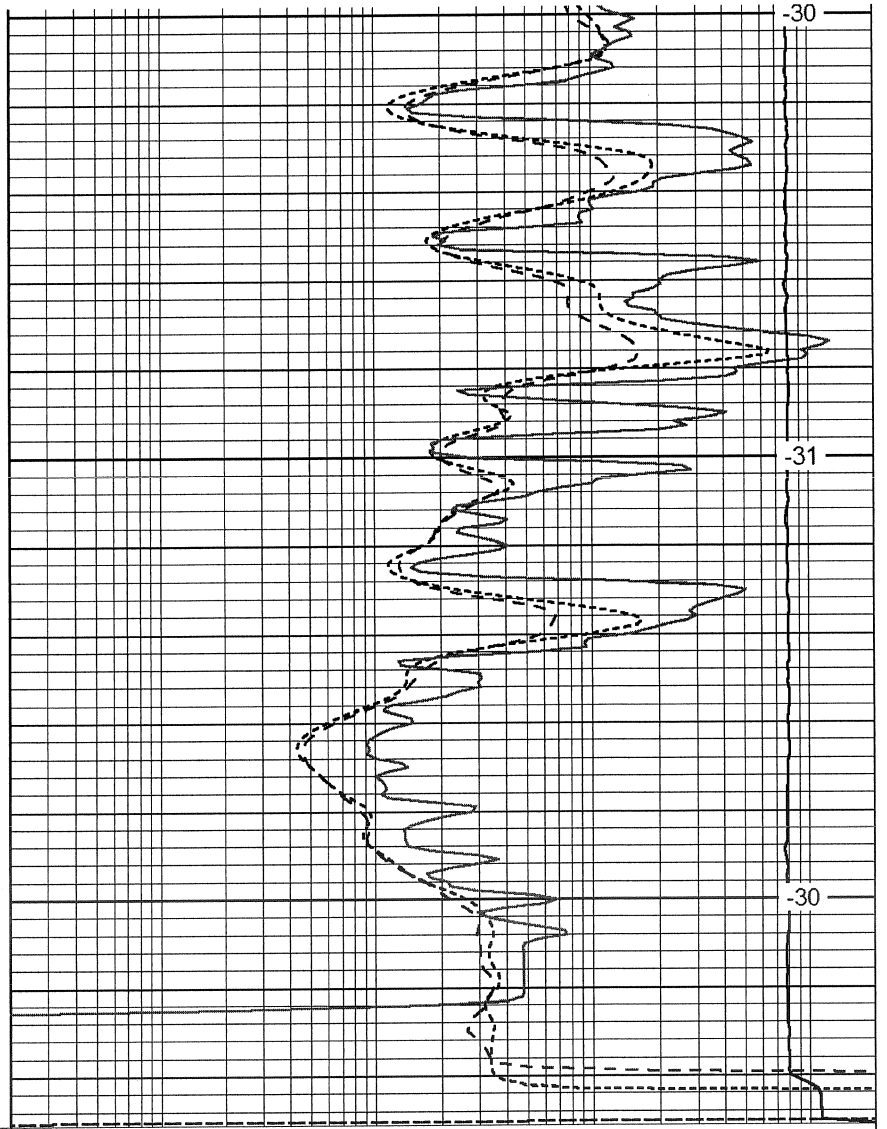


0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

3250

3300

3350



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



Pioneer Energy Services

Dual Compensated Porosity Log

15-111-20,466-00-00

Company **Glacier Petroleum Co., Inc.**

Well **Leffler Trust No. 1**

Field

County **Lyon**

State **Kansas**

Location

**NE SW NW SE
1,976' FSL & 2,293' FEL**

Sec: **21** Twp: **16S** Rge: **10E**

Other Services
DIL
MEL/BHCS

Permanent Datum **Ground Level** Elevation **1437**

Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum

K.B. 1447
D.F. 1437
G.L. 1437

Drilling Measured From **Kelly Bushing**

Date **11/3/2012**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **3370**

Depth Logger **3370**

Bottom Logged Interval **3349**

Top Logged Interval **2000**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **800**

Density **9.4**

Level **Full**

Max. Rec. Temp. F **110**

Operating Rig Time **4 Hours**

Equipment -- Location **108 Hays**

Recorded By **J. Long**

Witnessed By **Saman Sharifate**

Borehole Record				Casing Record			
Run No.	Bit From	To	Size	Wgt.	From	To	
1	12.25	00	8.625	24#	00	225	
2	7.875	225					

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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

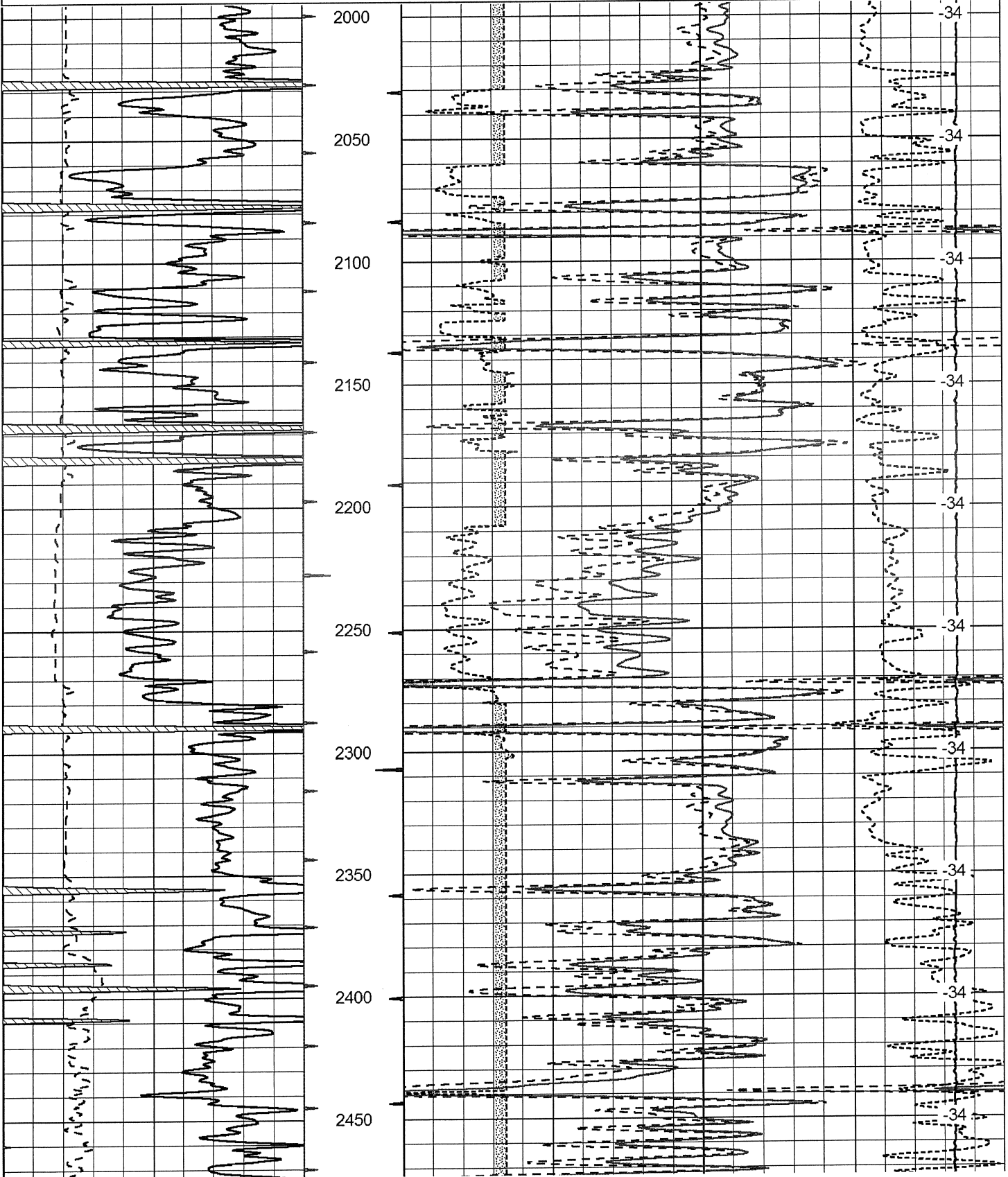
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 785 625 3858
 Council Grove, 10 East to D Road, 2 South, Northwest Into

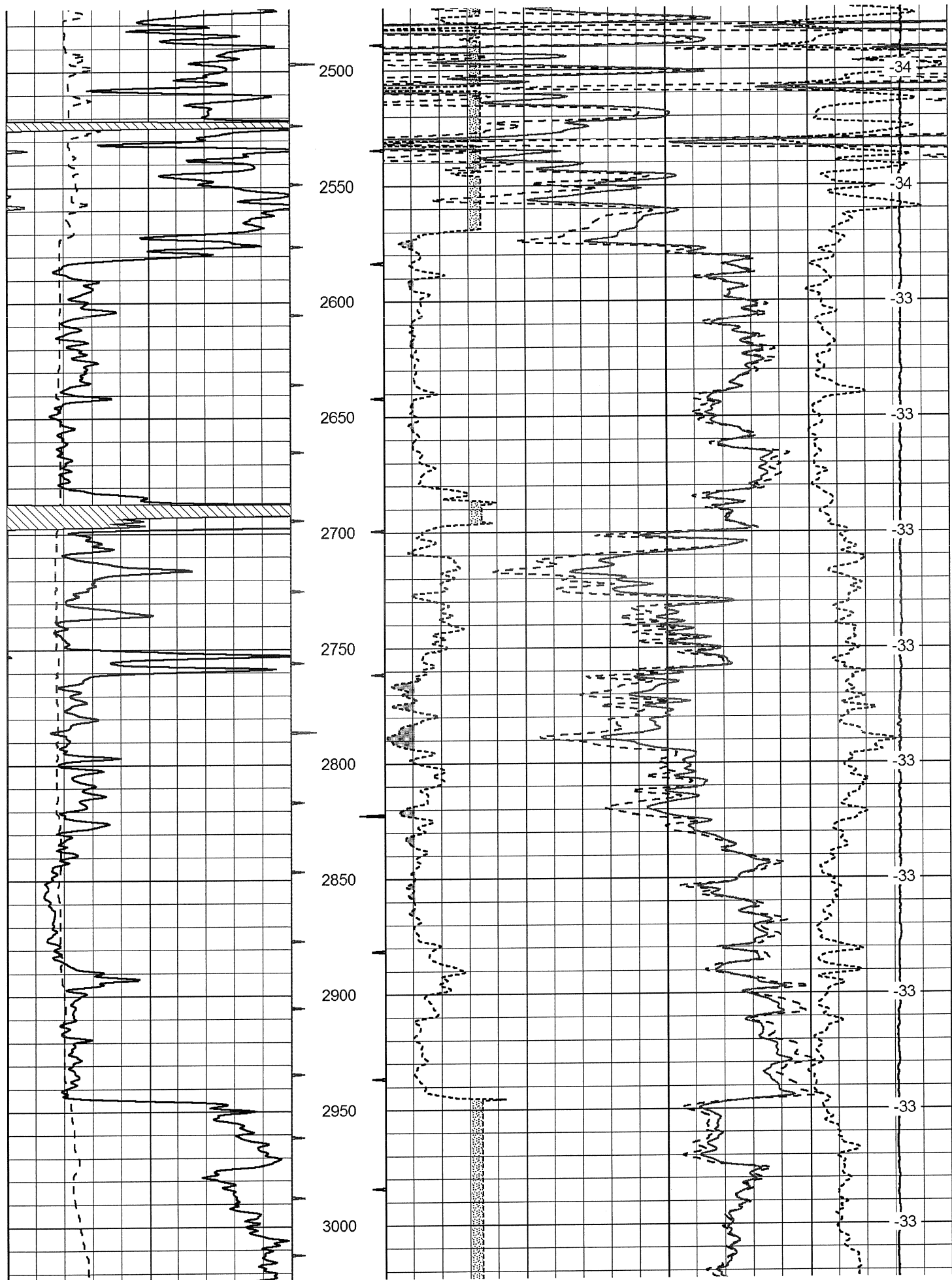
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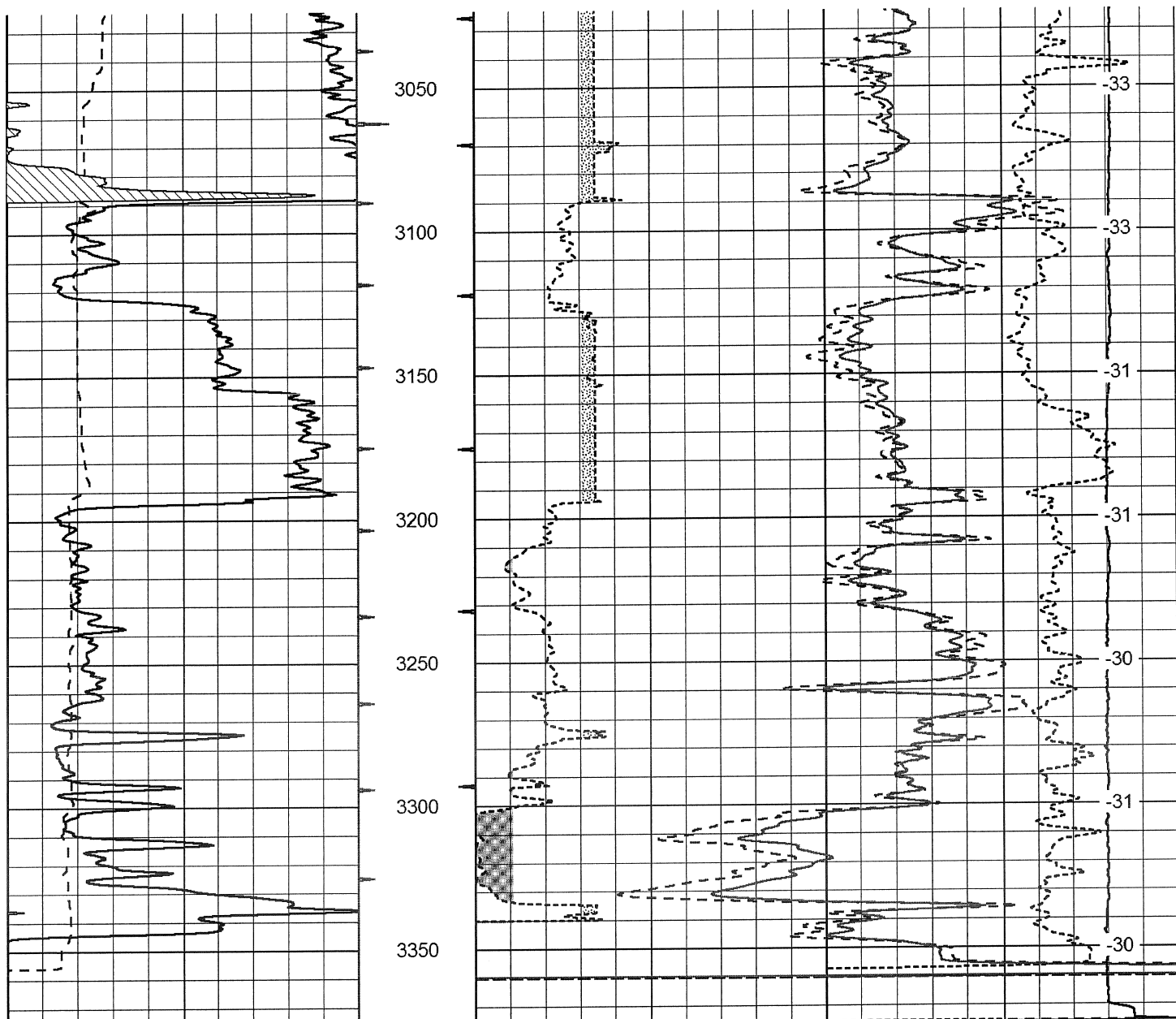
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6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25

LSPD



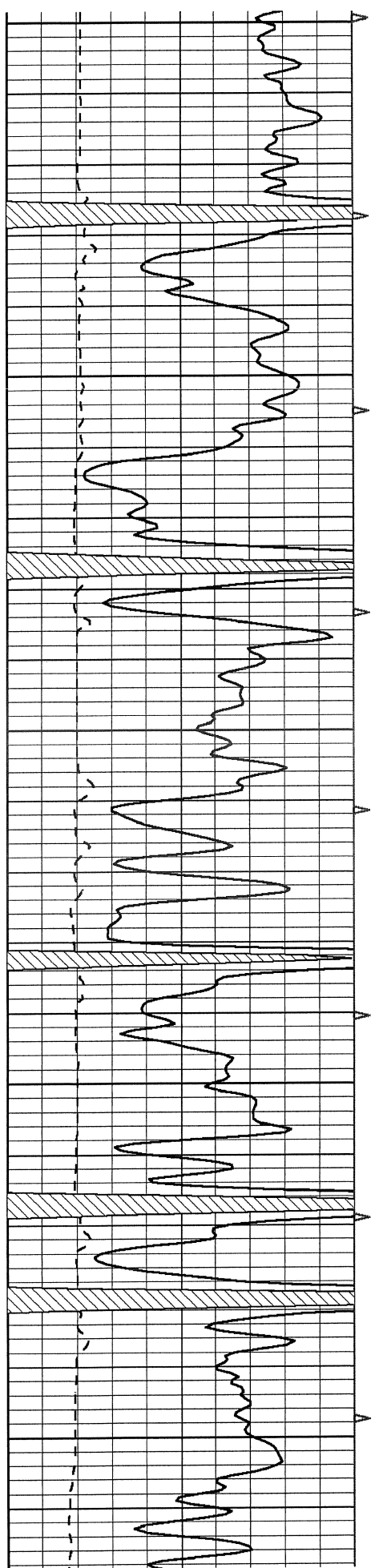




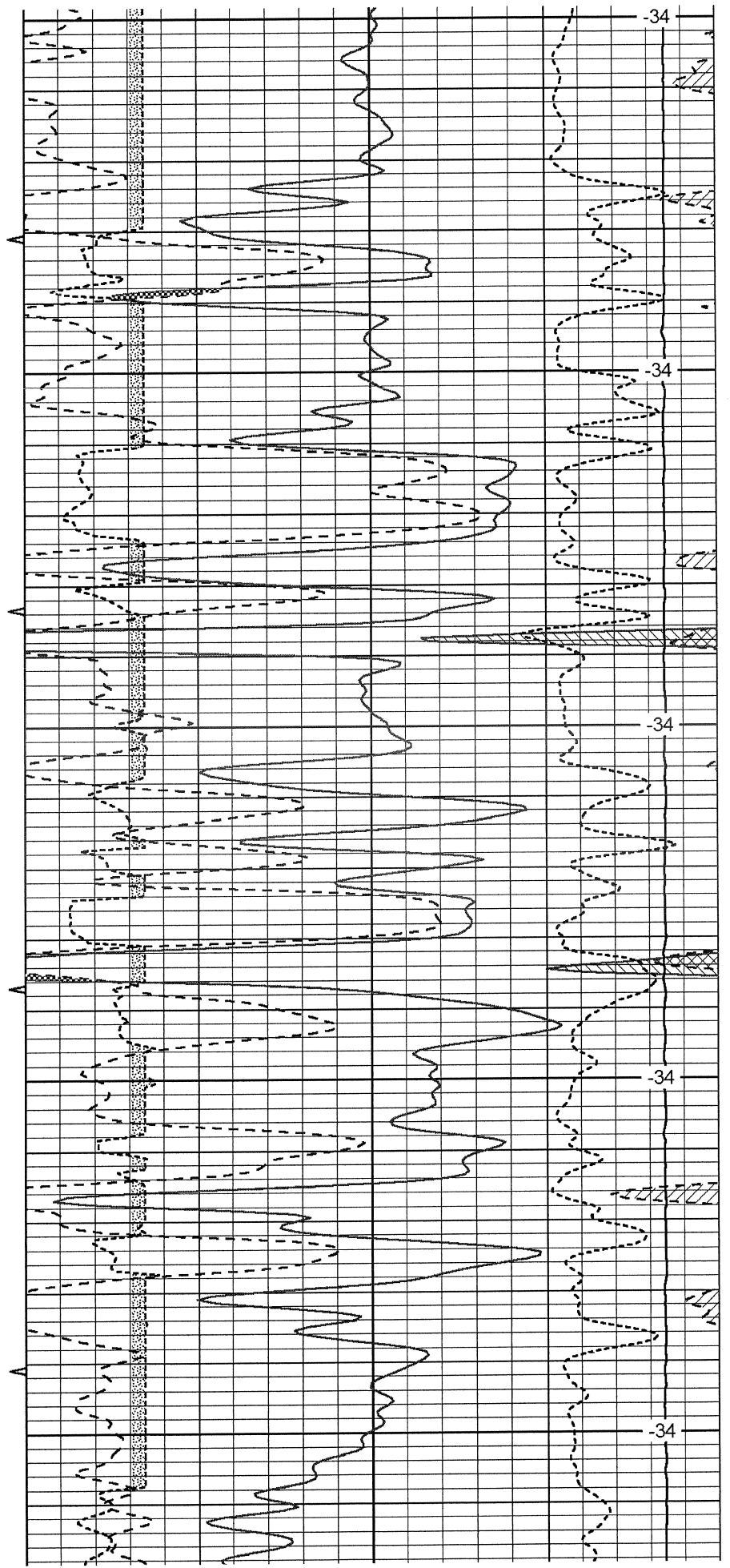
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6	Caliper (GAPI)	16	2	Bulk Density	3
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			2.625	DGA	3.425 -0.25
				Correction	0.25
					LSPD

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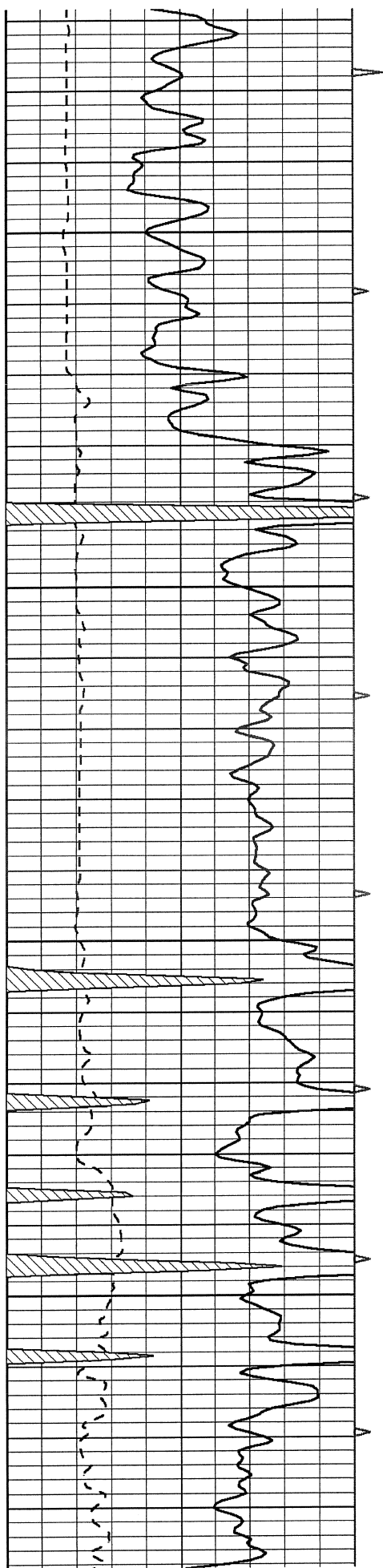
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-----			2.625	DGA	3.425 -0.25
				Correction	0.25
			15000	Line Tension	0
					LSPD



2000
2050
2100
2150
2200



-34
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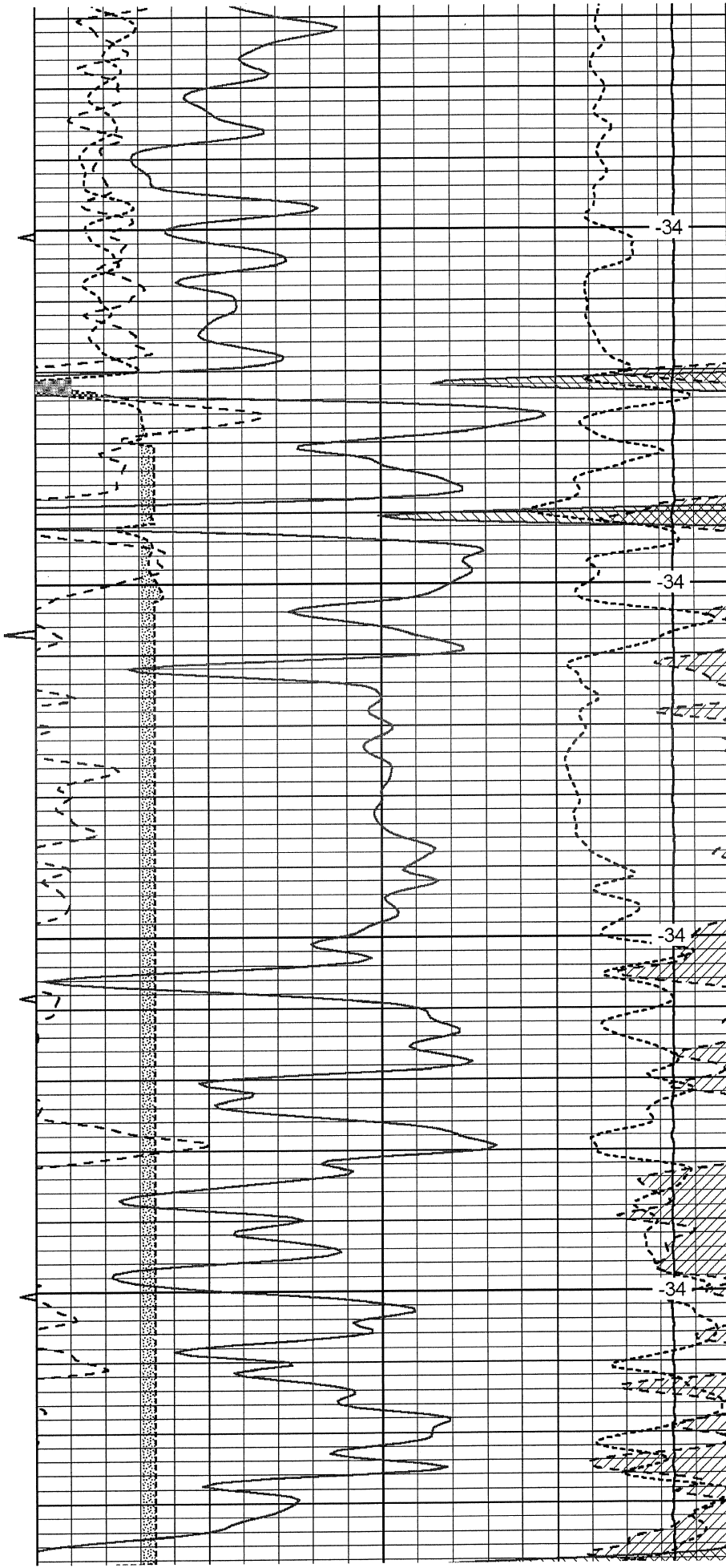


2250

2300

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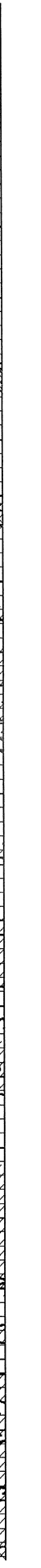


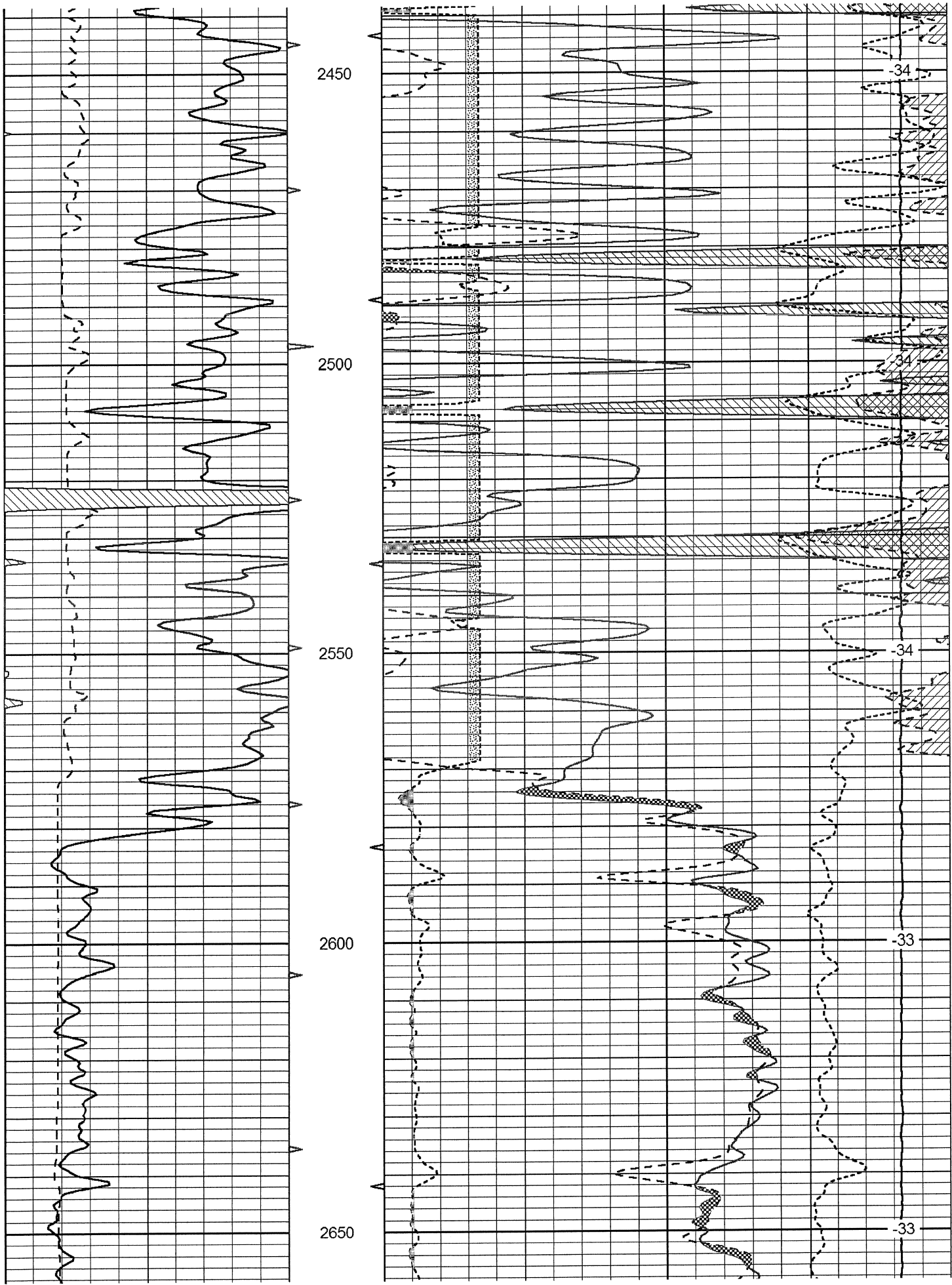
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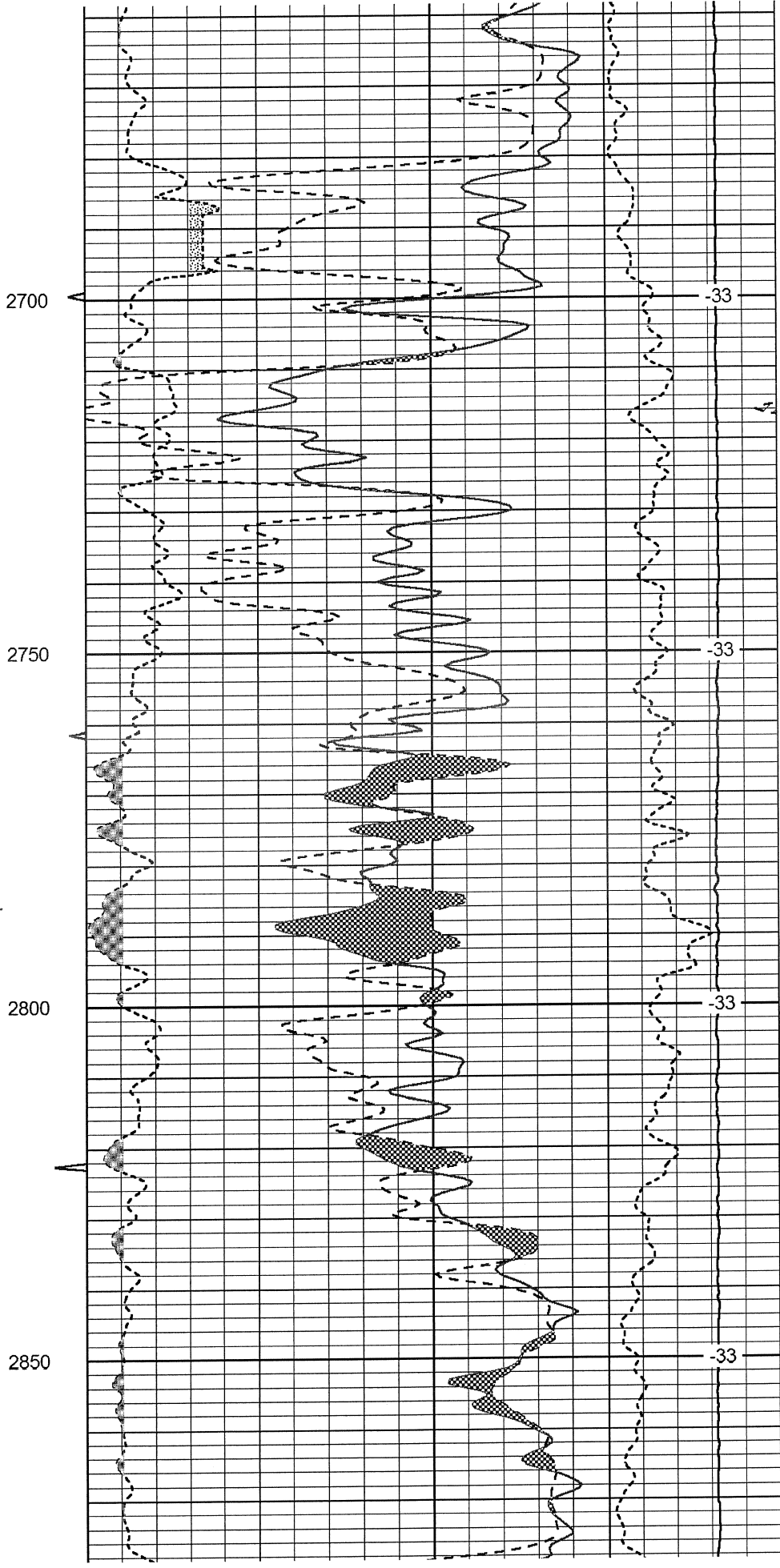
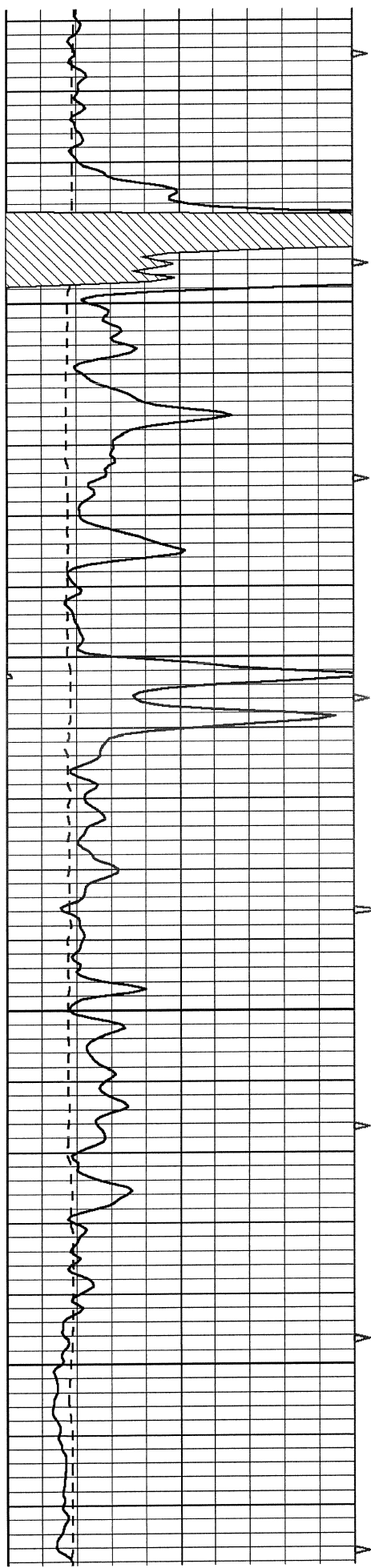
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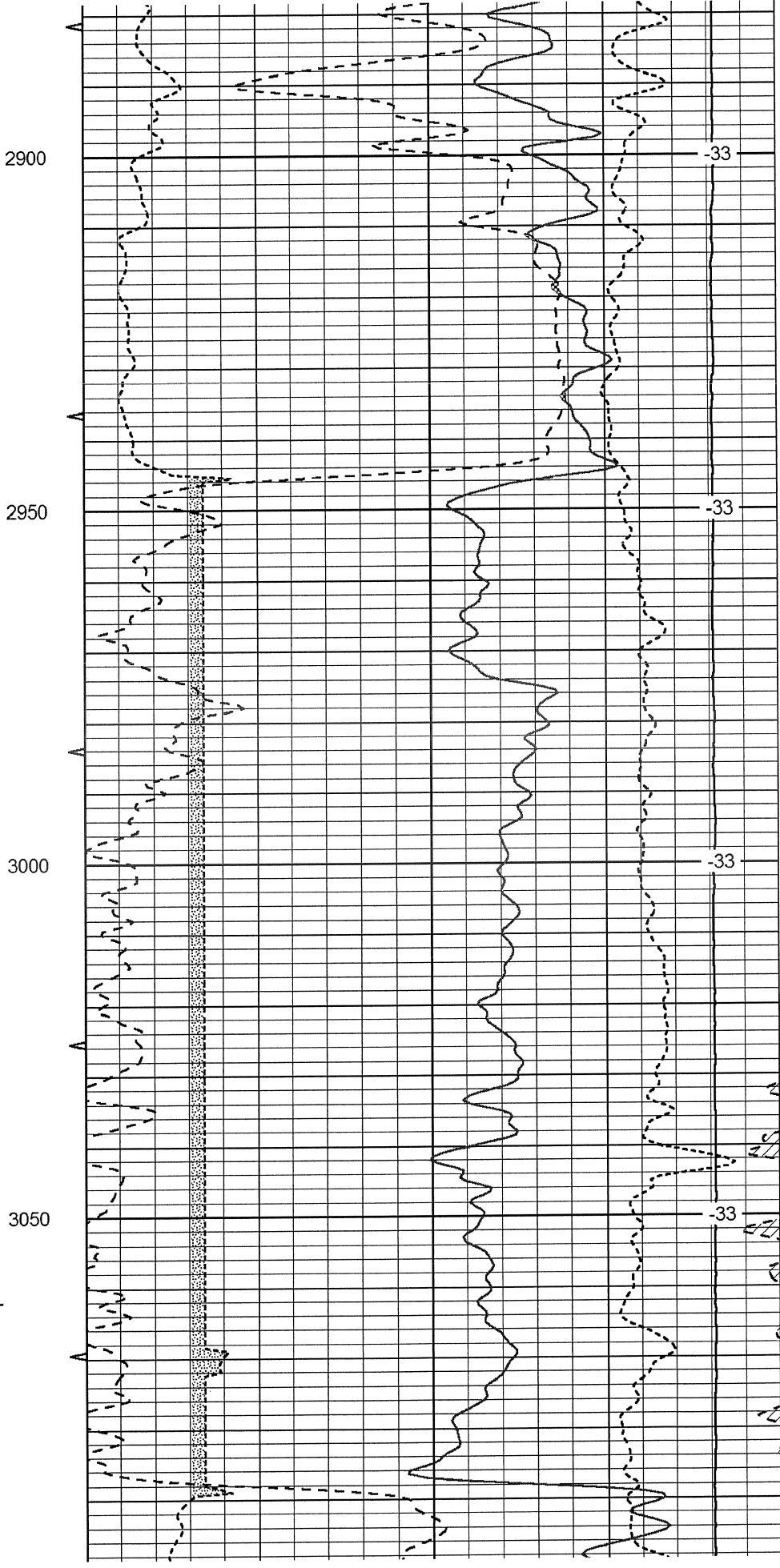
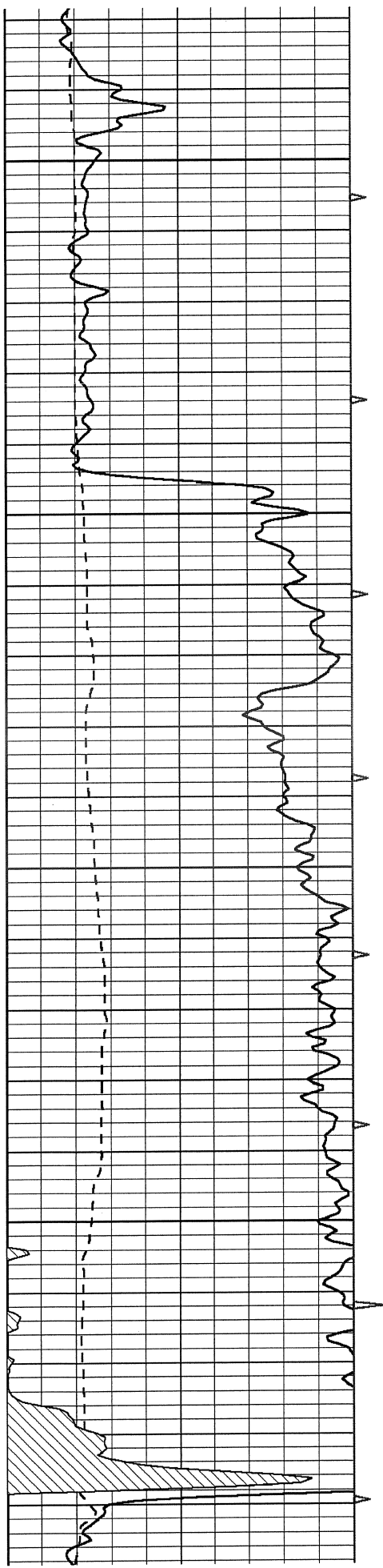
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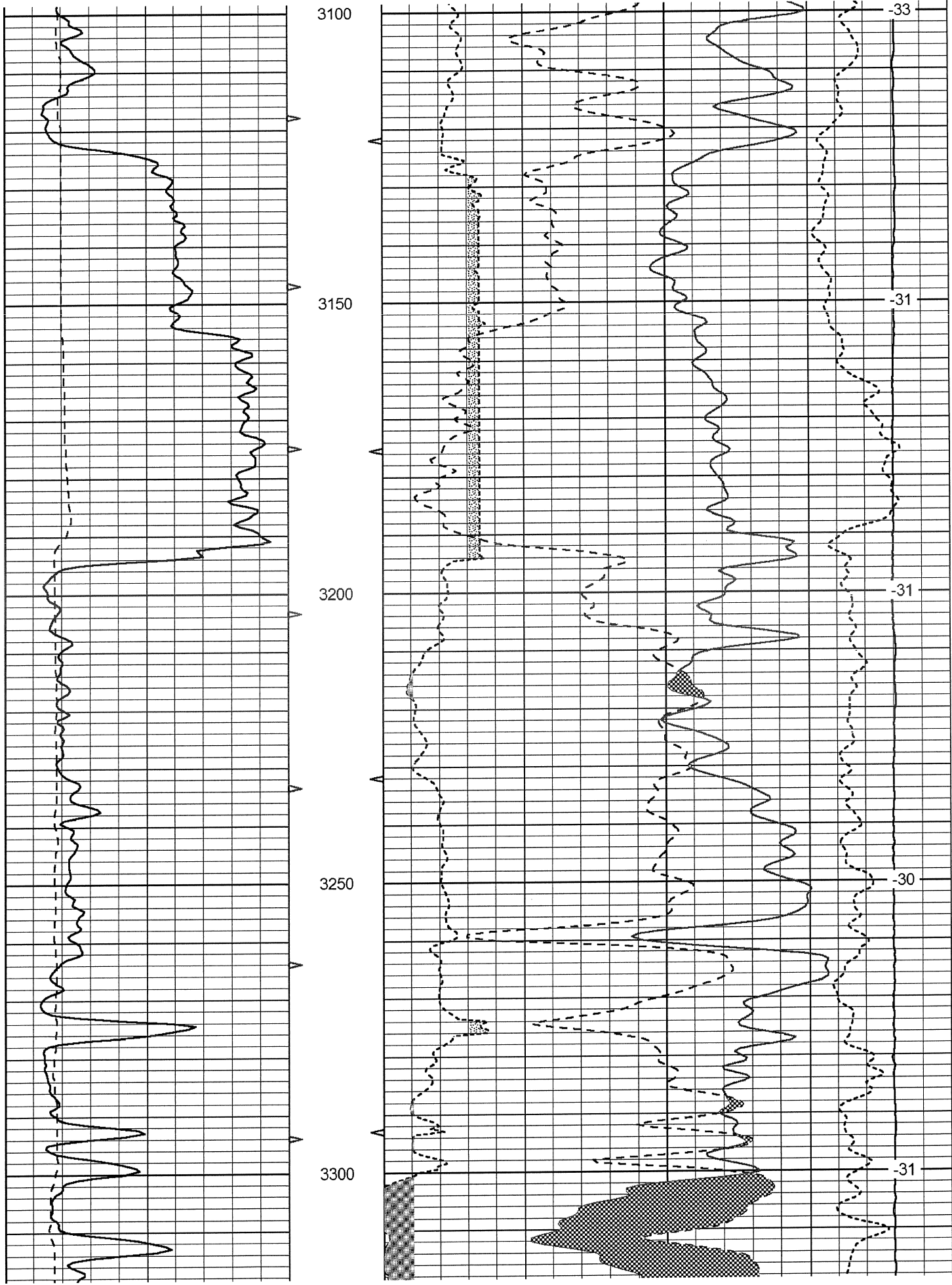
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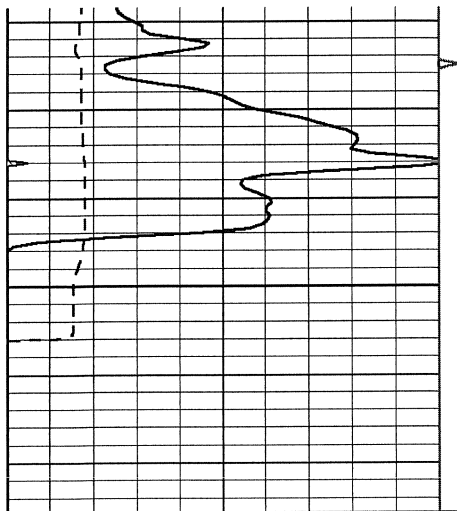




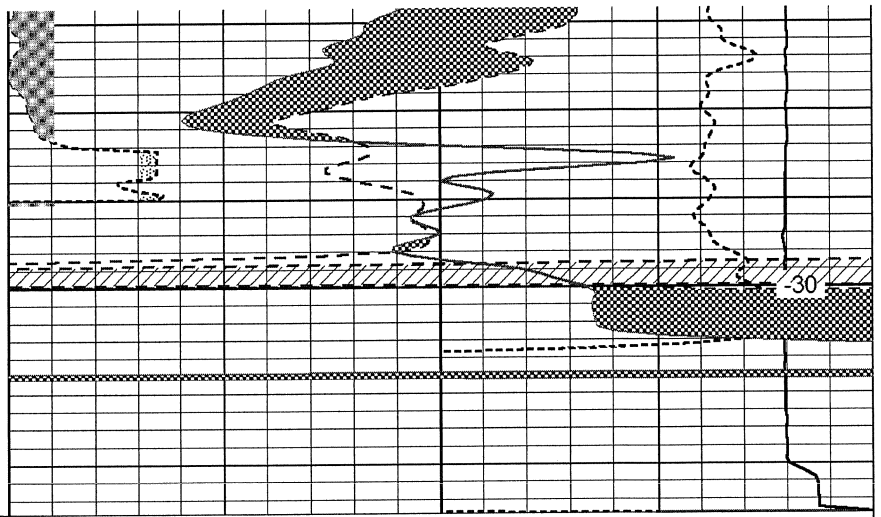








3350



0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone)	-10
30	Compensated Density (Limestone)	-10
2.625	DGA	3.425 -0.25 Correction 0.25
15000	Line Tension	0

LSPD



Microresistivity Log

Pioneer Energy Services

15-111-20,466-00-00

Company **Glacier Petroleum Co., Inc.**
 Well **Leffler Trust No. 1**
 Field
 County **Lyon** State **Kansas**
 Location **NE SW NW SE**
1,976' FSL & 2,293' FEL
 Sec: **21** Twp: **16S** Rge: **10E**

Other Services
 CNL/CDL
 DIL/BHCS

Elevation

Permanent Datum **Ground Level** Elevation **1437**
 Log Measured From **Kelly Bushing** **10 Ft. Above Perm. Datum**
 Drilling Measured From **Kelly Bushing**

K.B. 1447
 D.F. 1437
 G.L. 1437

Date	11/3/2012
Run Number	Two
Depth Driller	3370
Depth Logger	3370
Bottom Logged Interval	3369
Top Log Interval	2000
Casing Driller	8.625 @ 225
Casing Logger	220
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm Cl	800
Density / Viscosity	9.4 @ 50
pH / Fluid Loss	9.5 @ 7.4
Source of Sample	Flowline
Rm @ Meas. Temp	.50 @ 60
Rmf @ Meas. Temp	.38 @ 60
Rmc @ Meas. Temp	.68 @ 60
Source of Rmf / Rmc	Charts
Rm @ BHT	.27 @ 110
Operating Rig Time	4 Hours
Max Rec. Temp. F	110
Equipment Number	108
Location	Hays
Recorded By	J. Long
Witnessed By	Saman Sharifaie

<<< Fold Here >>>

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

Comments

Thank you for using Pioneer Energy Services
www.pioneeres.com
 785 625 3858

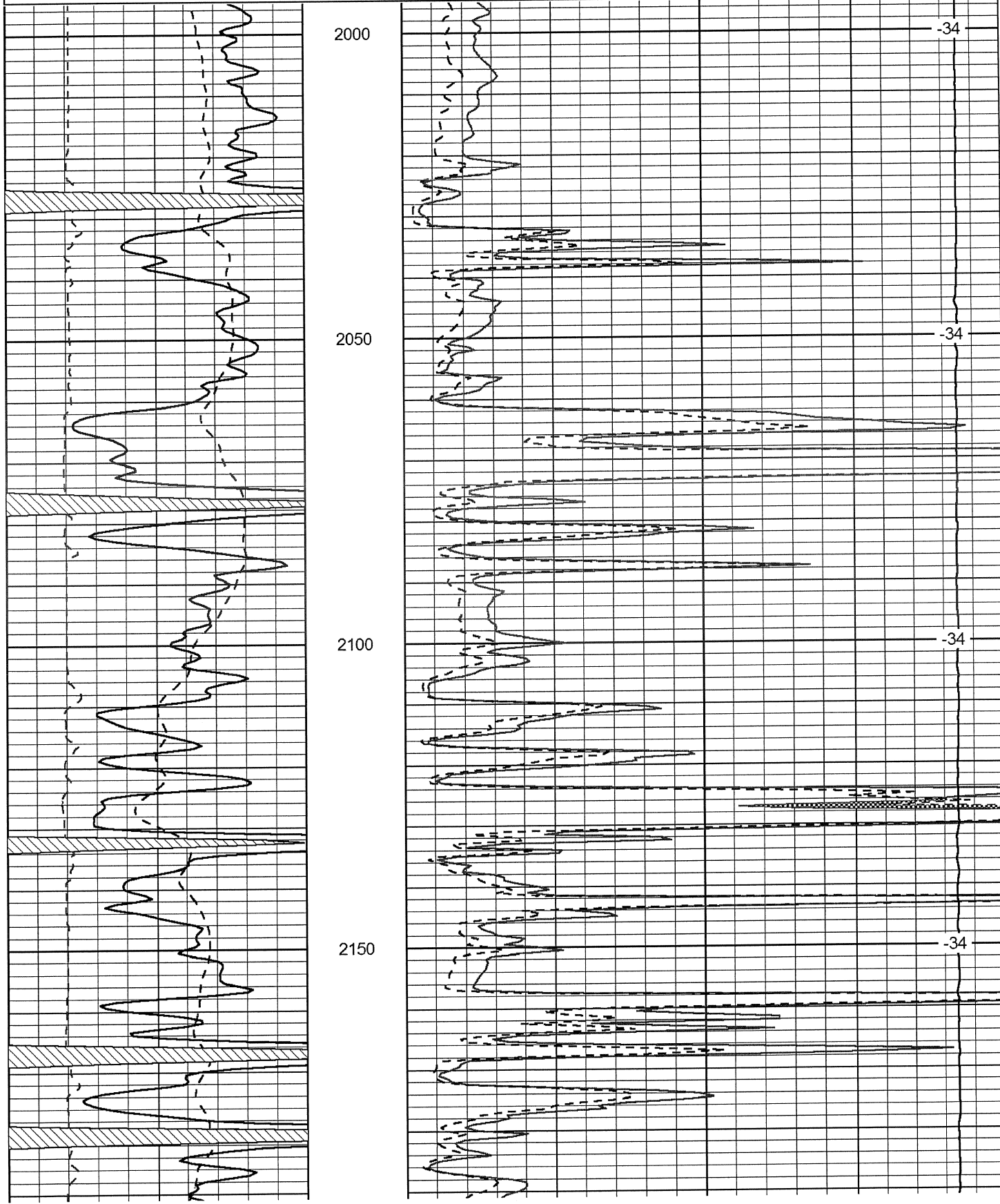
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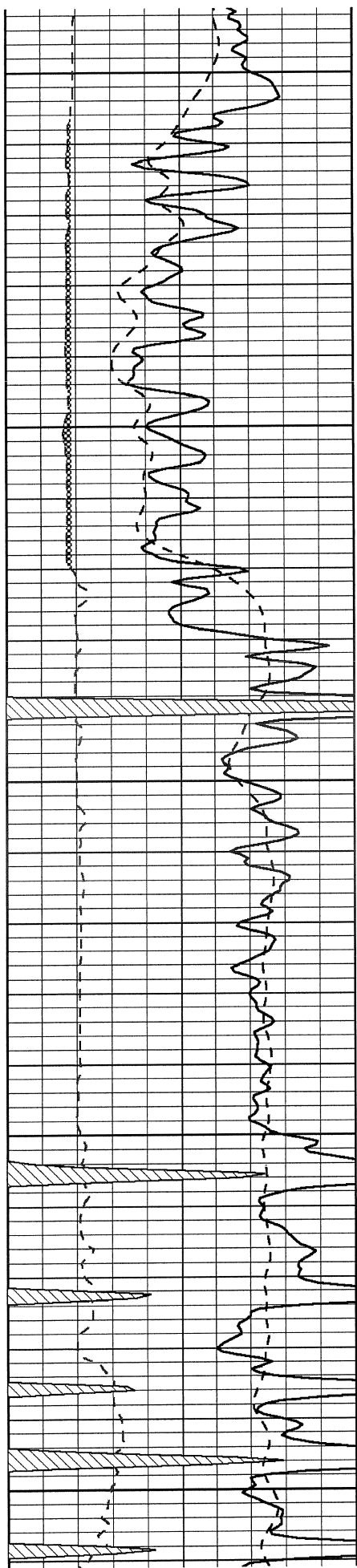
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 Dataset Pathname: dil\glacstck
 Presentation Format: micro
 Dataset Creation: Sat Nov 03 09:55:23 2012
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





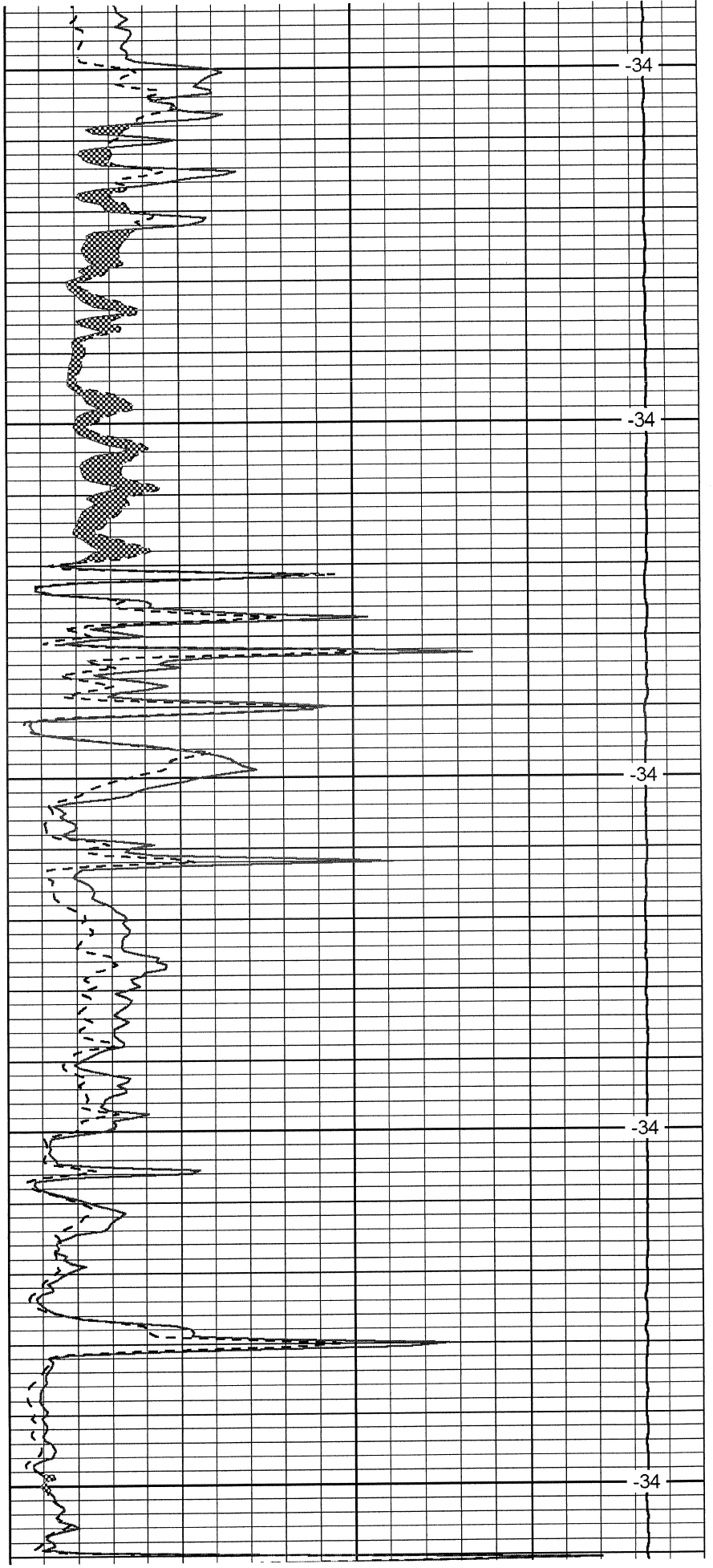
2200

2250

2300

2350

2400



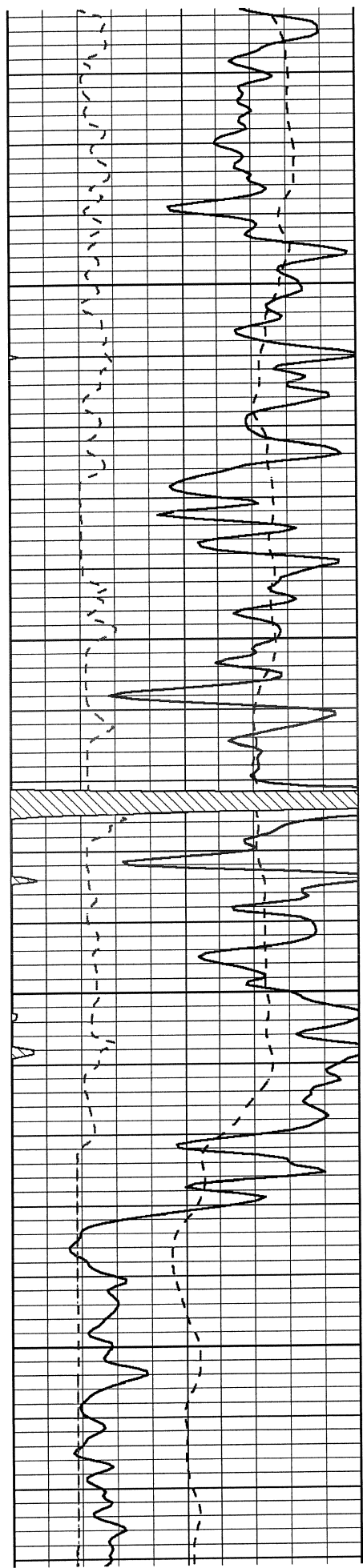
-34

-34

-34

-34

-34

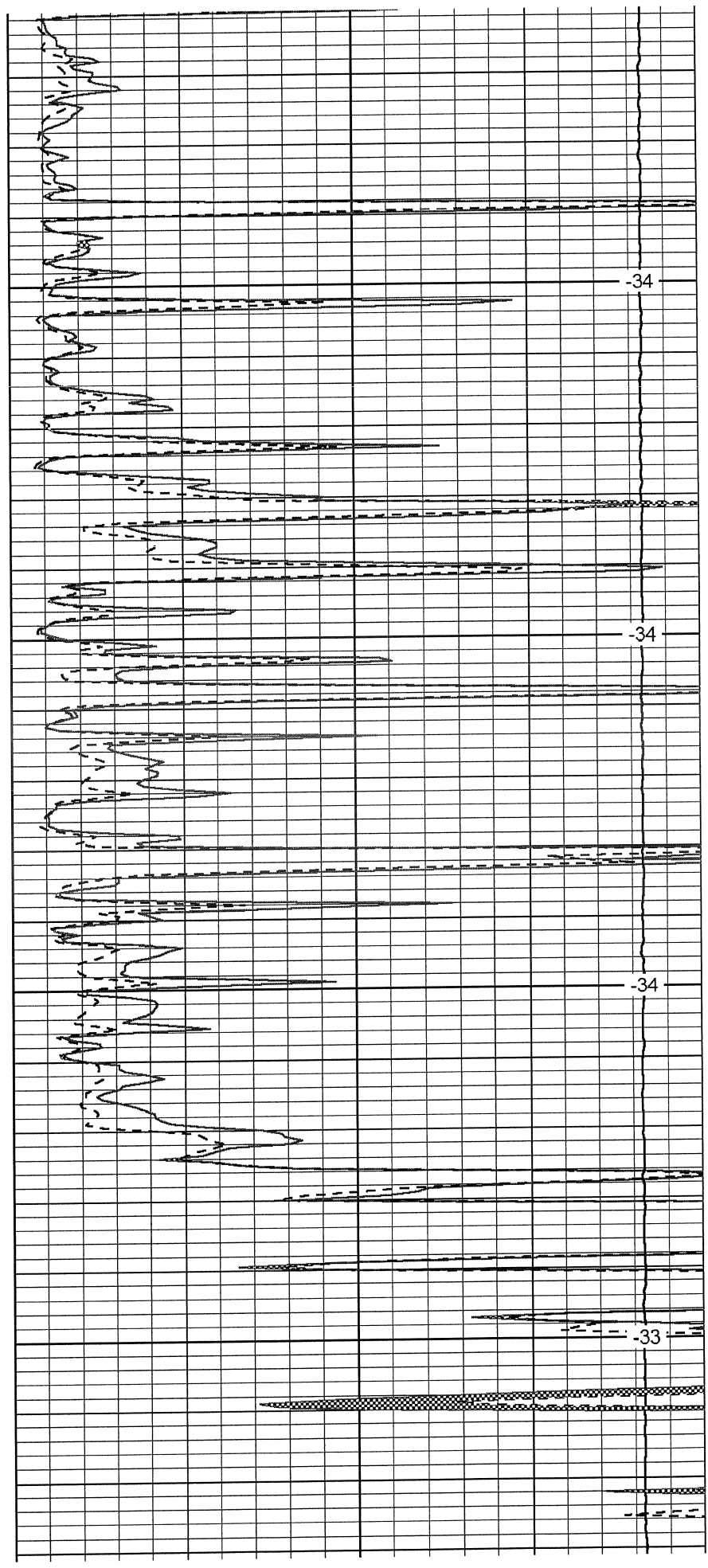


2450

2500

2550

2600

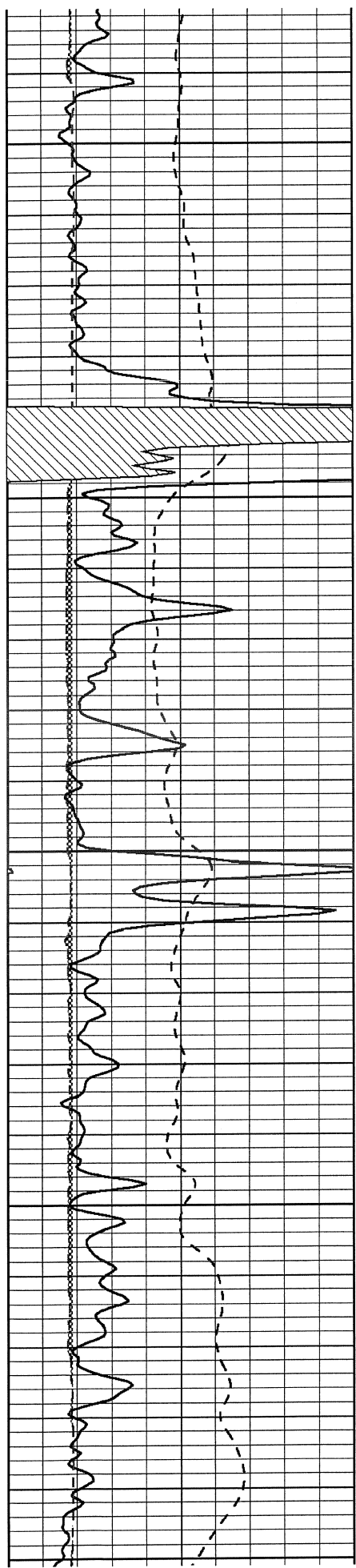


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-33



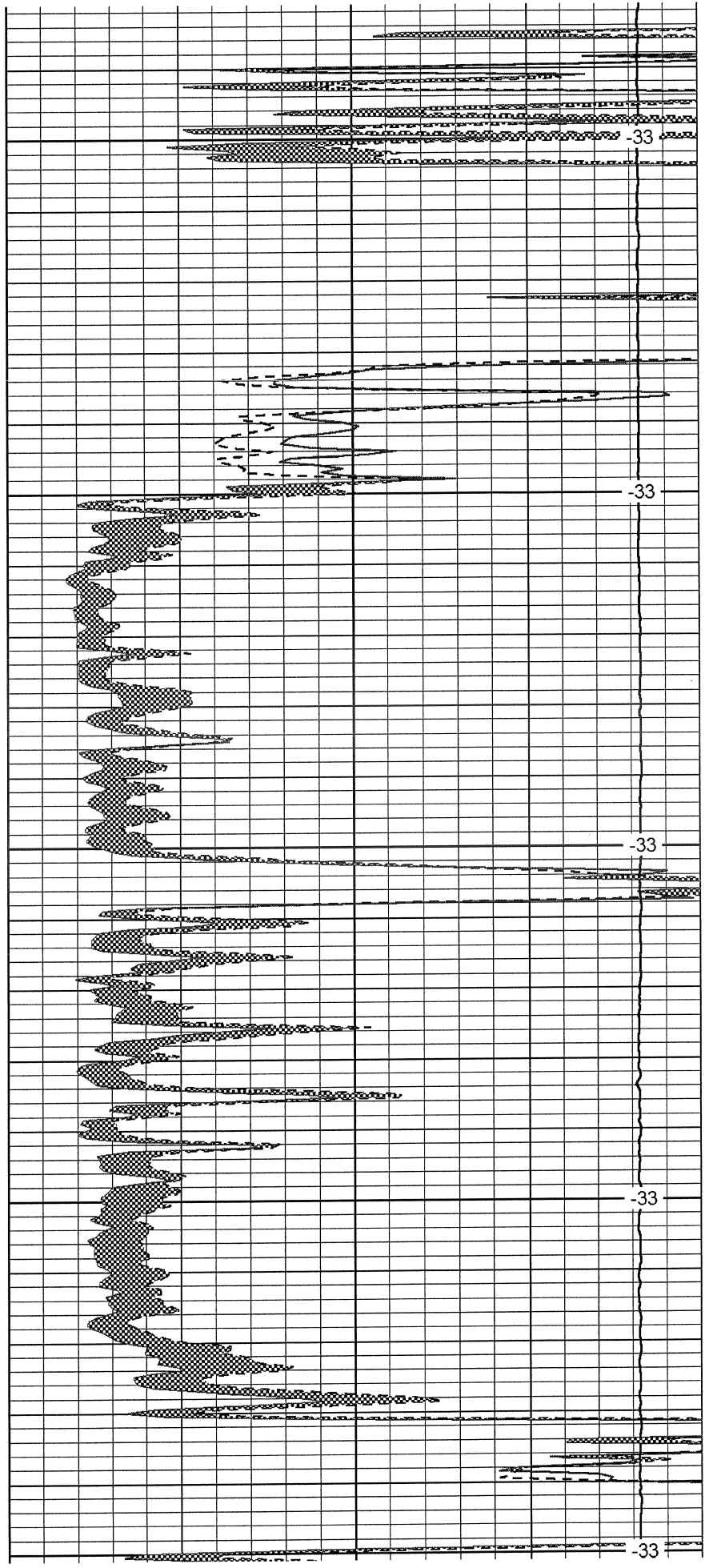
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2700

2750

2800

2850



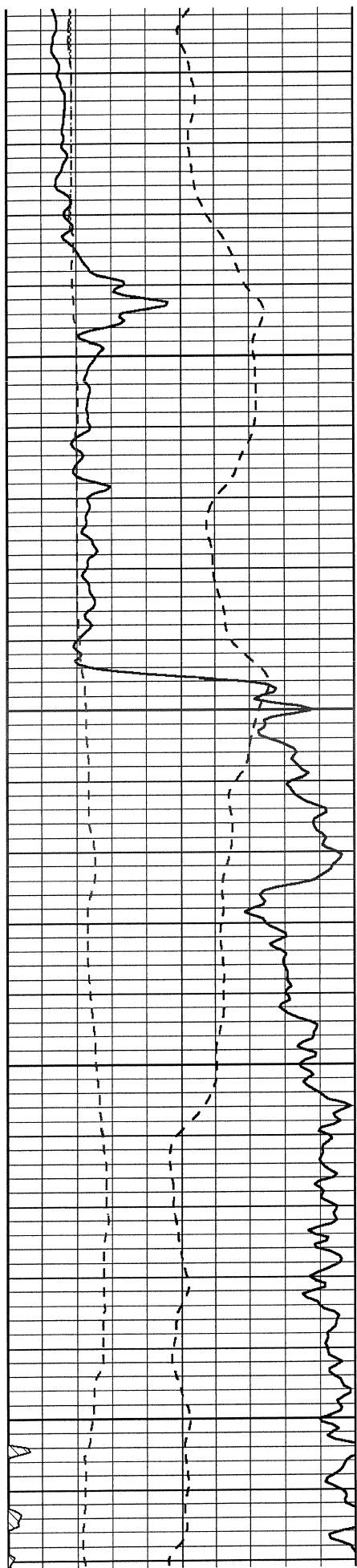
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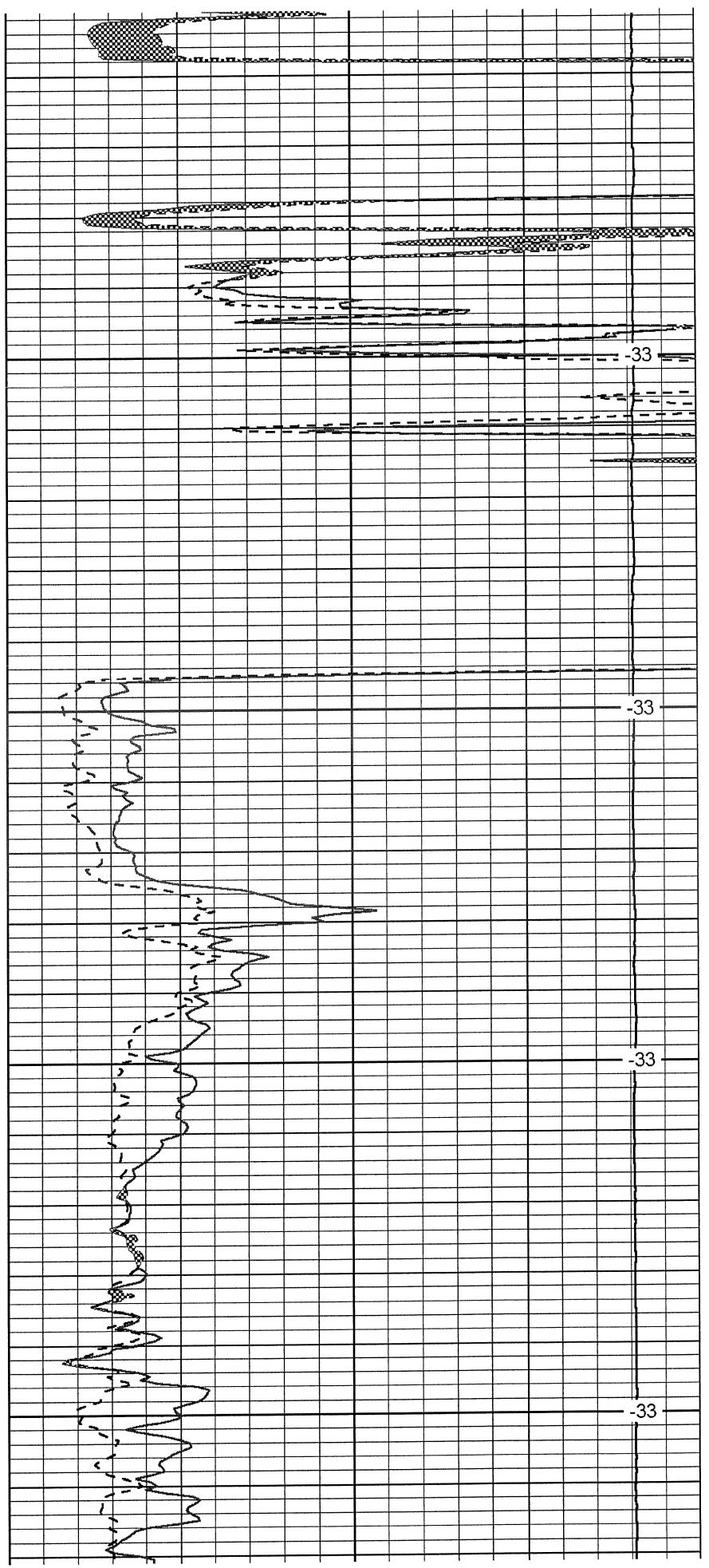


2900

2950

3000

3050

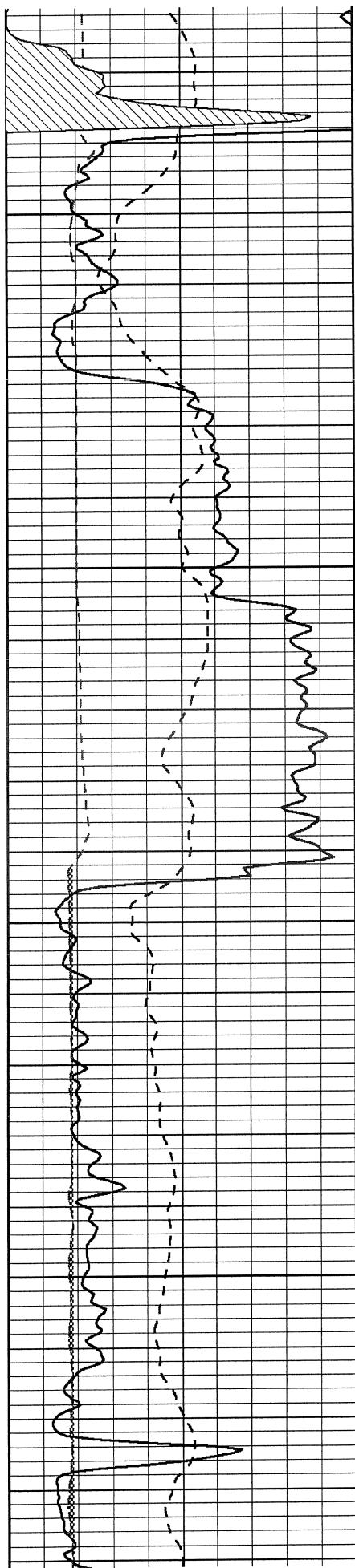


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-33

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-33

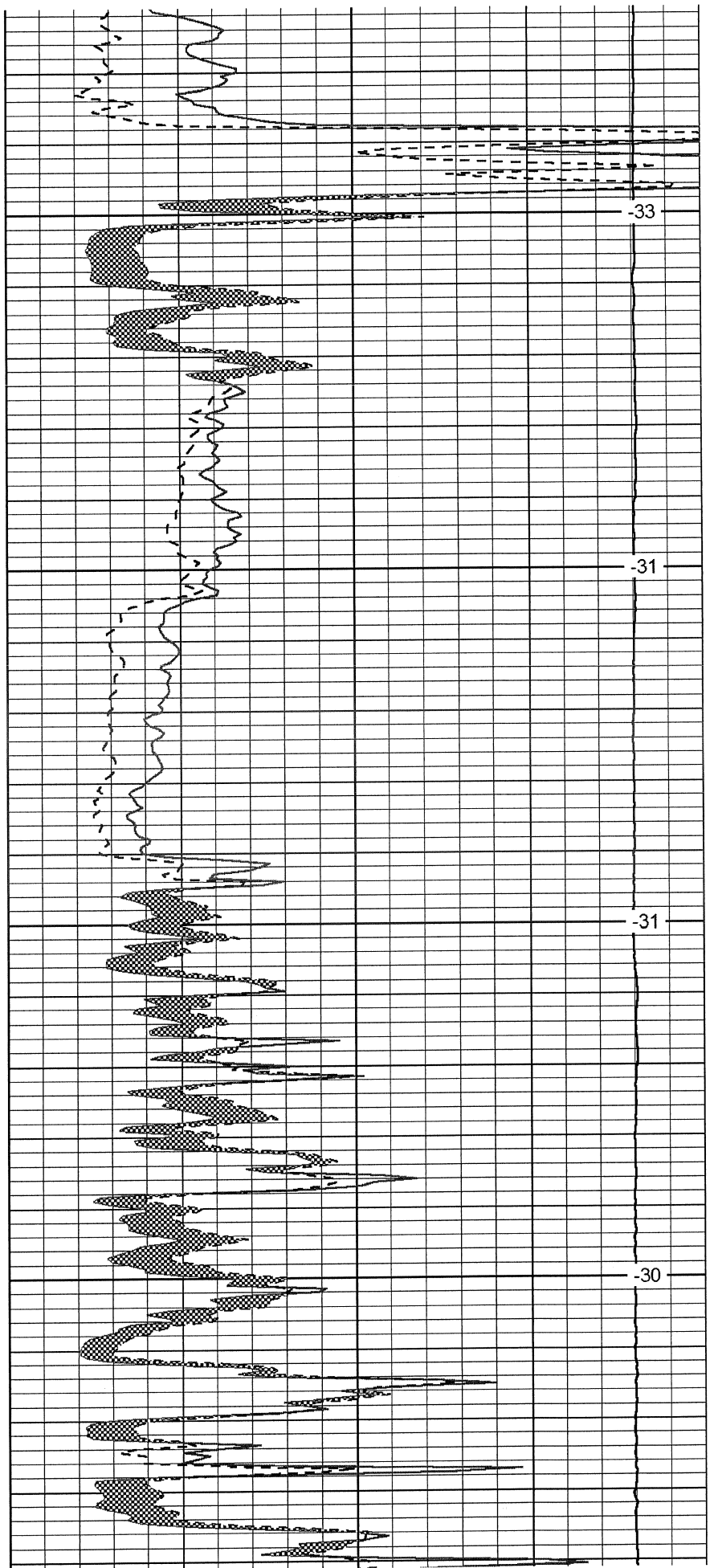


3100

3150

3200

3250

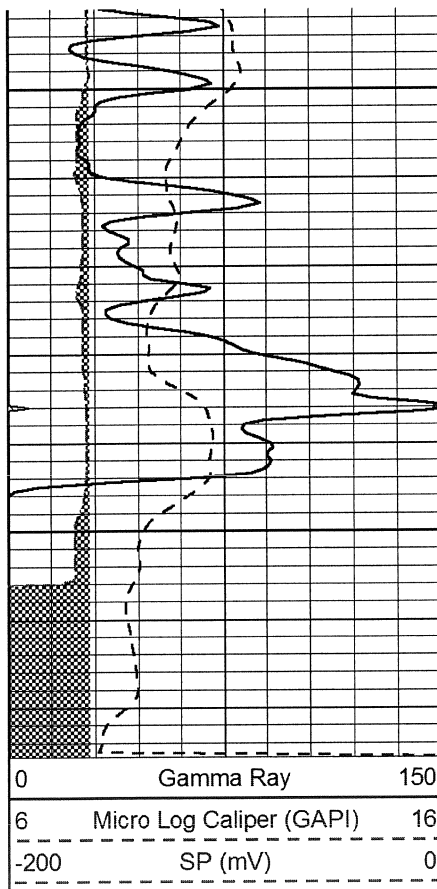


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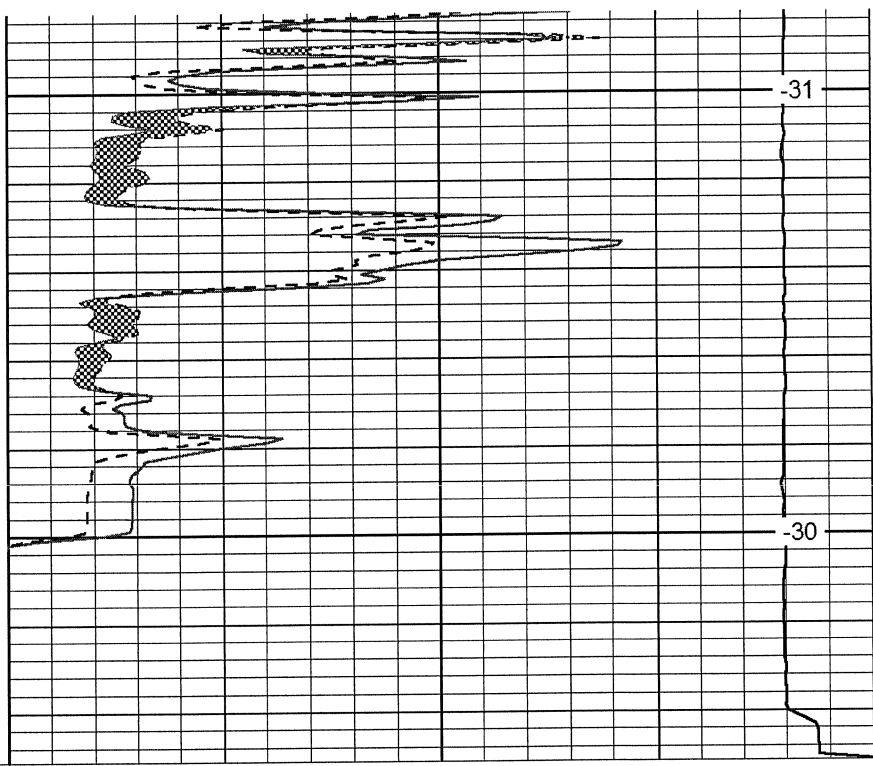
-31

-31

-30

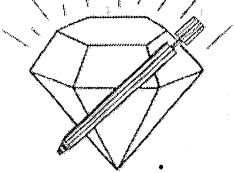


0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC/LEFFLER1DST2

Company Glacier Petroleum, Inc. Lease & Well No. Leffler Trust No. 1

Elevation 1414 GL Formation Simpson Sand Effective Pay Ft. Ticket No. J3038

Date 11-2-12 Sec. 21 Twp. 16S Range 10E County Lyon State Kansas

Test Approved By Saman Sharifaie Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,300 ft. to 3,320 ft. Total Depth 3,320 ft

Packer Depth 3,295 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,300 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,303 ft. Recorder Number 30046 Cap. 6,000 psi.

Bottom Recorder Depth (Outside) 3,317 ft. Recorder Number 11073 Cap. 4,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Summit Drilling Company - Rig 1 Drill Collar Length 300 ft I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length ft I.D. in.

Weight 9.4 Water Loss 7.4 cc. Drill Pipe Length 2,974 ft I.D. 3 in.

Chlorides 800 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 20 ft. Size 4 1/2-FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2-XH in.

Blow: 1st Open: Strong blow increasing. Off bottom of bucket in 28 mins. No blow back during shut-in.

2nd Open: Fair, 4 in. blow. No blow back during shut-in.

Recovered 500 ft. of water = 3.110000 bbls. (Chlorides: 5,000 Ppm)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 3:20 P.M. Time Started off Bottom 5:20 P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure.....(A) 1597 P.S.I.

Initial Flow Period.....Minutes 30 (B) 20 P.S.I. to (C) 161 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 1006 P.S.I.

Initial Flow Period.....Minutes 30 (E) 169 P.S.I. to (F) 231 P.S.I.

Initial Closed In Period.....Minutes 30 (G) 995 P.S.I.

Initial Hydrostatic Pressure.....(H) 1573 P.S.I.

GENERAL INFORMATION

Client Information:

Company: GLACIER PETROLEUM

Contact:

Phone: Fax: e-mail:

Site Information:

Contact: SAMAN SHARIFAIE

Phone: Fax: e-mail:

Well Information:

Name: LEFFLER TRUST #1

Operator: GLACIER PETROLEUM

Location-Downhole:

Location-Surface: S21/16S/10E

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: SAMAN SHARIFAIE

Test Type: CONVENTIONAL Job Number: D1242

Test Unit:

Start Date: 2012/11/02 Start Time: 17:00:00

End Date: 2012/11/02 End Time: 21:20:00

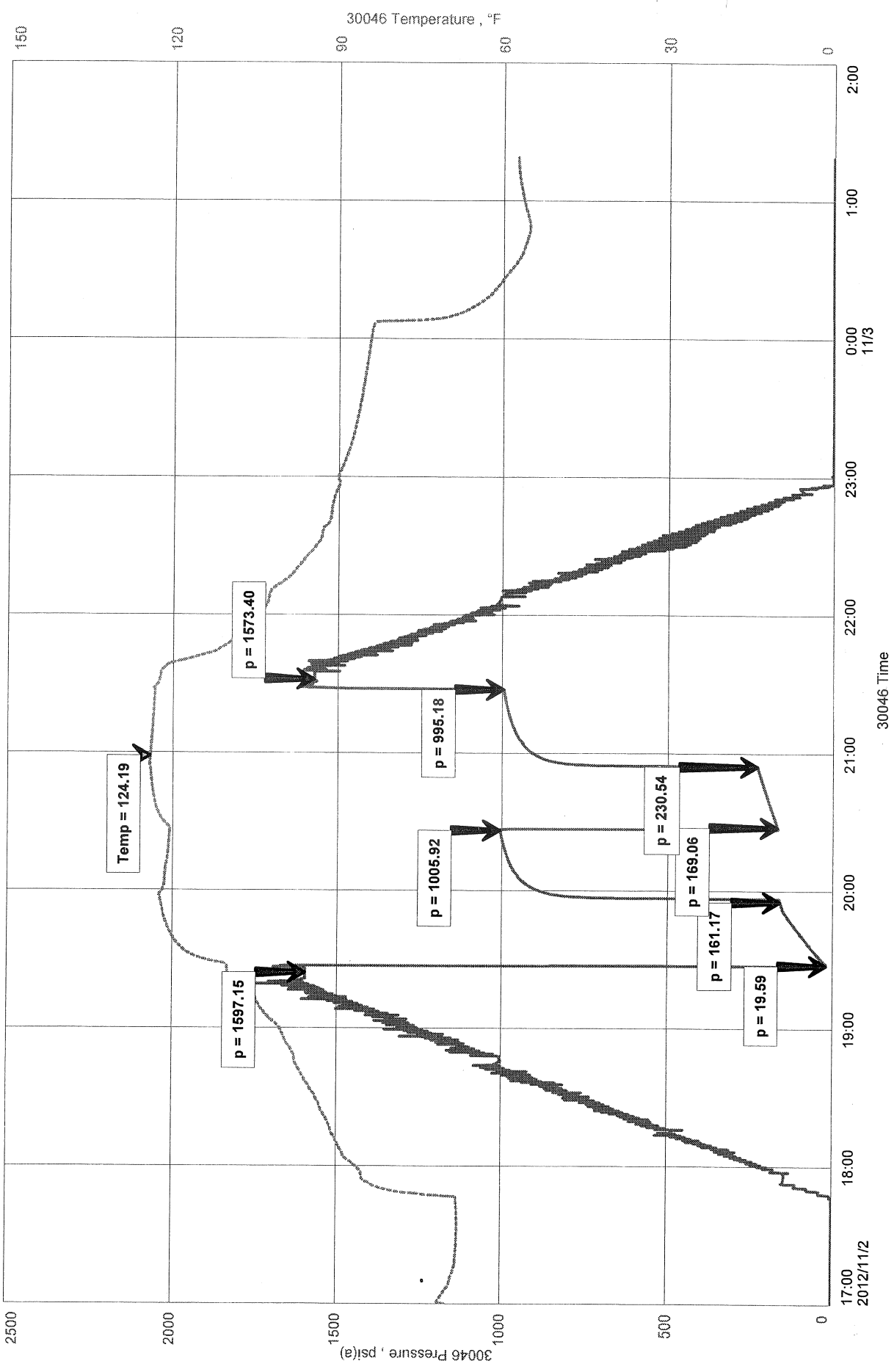
Report Date: 2012/11/02 Prepared By: JOHN RIEDL

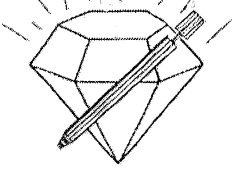
Qualified By: SAMAN SHARIFAIE

Remarks:

RECOVERY: 500' WATER

LEFFLER TRUST #1





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC/LEFFLER1DST1

Company Glacier Petroleum, Inc. Lease & Well No. Leffler Trust No. 1

Elevation 1414 GL Formation Simpson Effective Pay Ft. Ticket No. J3037

Date 11-1-12 Sec. 21 Twp. 16S Range 10E County Lyon State Kansas

Test Approved By Saman Sharifaie Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,280 ft. to 3,300 ft. Total Depth 3,300 ft

Packer Depth 3,275 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,280 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,283 ft. Recorder Number 30046 Cap. 6,000 psi.

Bottom Recorder Depth (Outside) 3,297 ft. Recorder Number 11073 Cap. 4,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Summit Drilling Company - Rig 1 Drill Collar Length 300 ft I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length ft I.D. in.

Weight 9.4 Water Loss 7.4 cc. Drill Pipe Length 2,954 ft I.D. 3 in.

Chlorides 800 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.

Bars: Make Sterling Serial Number 2 Anchor Length 20 ft. Size 4 1/2-FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2-XH in.

Flow: 1st Open: Strong blow increasing. Off bottom of bucket in 10 mins. No blow back during shut-in.

2nd Open: Strong blow increasing. Off bottom of bucket in 10 mins. No blow back during shut-in.

Recovered 1,200 ft. of water w/ a few inches of oil on top = 8.829000 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 7:50 P.M. Time Started off Bottom 10:50 P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure.....(A) 1613 P.S.I.

Initial Flow Period.....Minutes 30 (B) 24 P.S.I. to (C) 238 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 1007 P.S.I.

Final Flow Period.....Minutes 60 (E) 246 P.S.I. to (F) 468 P.S.I.

Final Closed In Period.....Minutes 60 (G) 1004 P.S.I.

Final Hydrostatic Pressure.....(H) 1587 P.S.I.

GENERAL INFORMATION

Client Information:

Company: GLACIER PETROLEUM

Contact: J C HAWES

Phone: Fax: e-mail:

Site Information:

Contact: SAMA SHARIFAIE

Phone: Fax: e-mail:

Well Information:

Name: LEFFLER TRUST #1

Operator: GLACIER PETROLEUM

Location-Downhole:

Location-Surface: S21/16S/10E

Test Information:

Company: CONVENTIONAL

Representative: JOHN RIEDL

Supervisor: SAMAN SHARIFAIE

Test Type: CONVENTIONAL Job Number: D1241

Test Unit:

Start Date: 2012/11/01 Start Time: 17:00:00

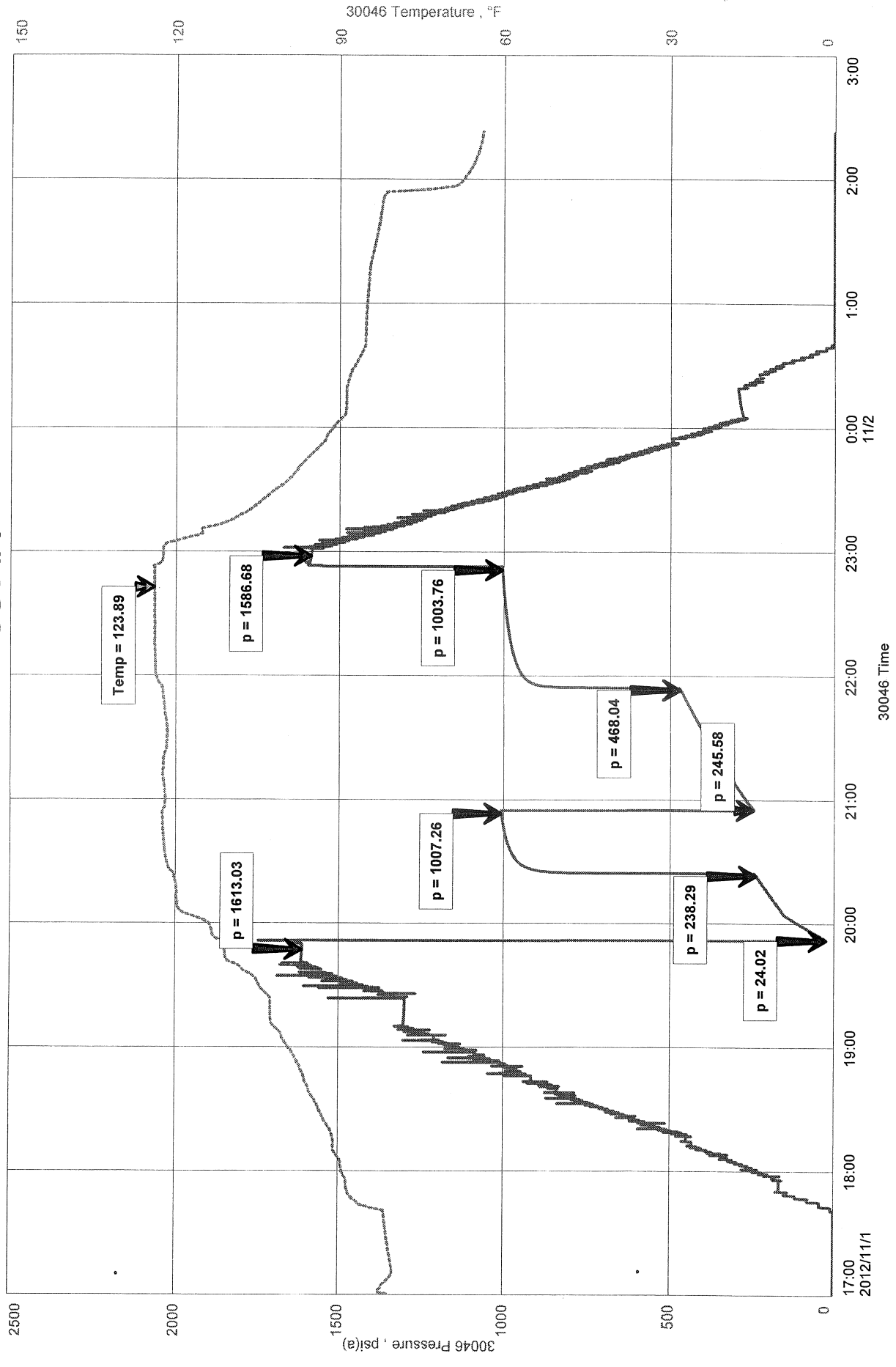
End Date: 2012/11/02 End Time: 02:20:00

Report Date: 2012/11/02 Prepared By: JOHN RIEDL

Remarks: Qualified By: SAMAN SHARIFAIE

RECOVERY: 1200' WATER WITH A FEW INCHES OF OIL ON TOP

LEFFLER TRUST #1



30046 Time

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 14, 2012

J C Hawes
Glacier Petroleum Co., Inc.
825 COMMERCIAL ST
PO BOX 577
EMPORIA, KS 66801-2914

Re: ACO1
API 15-111-20466-00-00
Leffler Trust 1
SE/4 Sec.21-16S-10E
Lyon 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,
J C Hawes