



KANSAS CORPORATION COMMISSION 1095654
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33937
Name: Neal LaFon Realty Inc. dba Meridian Energy Inc.
Address 1: 1475 WARD DR
Address 2: _____
City: FRANKTOWN State: CO Zip: 80116 + 9405
Contact Person: Neal LaFon
Phone: (303) 688-4022
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Neal Lafon
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
 Conv. to GSW

Plug Back: _____ Plug Back Total Depth

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>3/16/2012</u>	<u>3/20/2012</u>	<u>3/20/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-039-21147-00-00

Spot Description: _____

NW NW SE NW Sec. 2 Twp. 1 S. R. 26 East West

1400 Feet from North / South Line of Section

1375 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Decatur

Lease Name: Helm Well #: 1

Field Name: _____

Producing Formation: none

Elevation: Ground: 2503 Kelly Bushing: 2514

Total Depth: 3635 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 227 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: 9800 ppm Fluid volume: 1000 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 10/03/2012



1095654

Operator Name: Neal LaFon Realty Inc. dba Meridian Energy Inc. Lease Name: Helm Well #: 1
 Sec. 2 Twp. 1 S. R. 26 East West County: Decatur

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log Dual compensated porosity log CNL/FDC	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anh</td> <td>1988</td> <td>+526</td> </tr> <tr> <td>Topeka</td> <td>3154</td> <td>-640</td> </tr> <tr> <td>Heebner</td> <td>3273</td> <td>-759</td> </tr> <tr> <td>Kansas City</td> <td>3308</td> <td>-794</td> </tr> <tr> <td>Reagan</td> <td>3595</td> <td>-1081</td> </tr> <tr> <td>Granite Wash</td> <td>3604</td> <td>-1090</td> </tr> <tr> <td>Granite</td> <td>3620</td> <td>-1106</td> </tr> </tbody> </table>	Name	Top	Datum	Anh	1988	+526	Topeka	3154	-640	Heebner	3273	-759	Kansas City	3308	-794	Reagan	3595	-1081	Granite Wash	3604	-1090	Granite	3620	-1106
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Granite	3620	-1106																							

CASING RECORD <input checked="" 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
Surface csg	8.875	8.625	23.0	211	common	176	

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	-			

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 040941

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <i>3-16-12</i>	SEC. <i>1</i>	TWP. <i>2</i>	RANGE <i>26</i>	CALLED OUT	ON LOCATION <i>6:00 PM</i>	JOB START <i>8:00 PM</i>	JOB FINISH <i>8:30 PM</i>
LEASE <i>Helm</i>	WELL# <i>1</i>	LOCATION <i>Oberlin E To Rd 17-11 N</i>			COUNTY <i>Decatur</i>	STATE <i>Ks.</i>	
OLD OR NEW (Circle one)		<i>1/4 E-S into</i>					

CONTRACTOR *Martin #21* OWNER *Same*

TYPE OF JOB *Surface*
 HOLE SIZE *12 1/4* T.D.
 CASING SIZE *8 5/8* DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT

CEMENT AMOUNT ORDERED *170 sks Com 3% CC*

CEMENT LEFT IN CSG. *15 ft*
 PERFS.
 DISPLACEMENT

COMMON *170 SKS @ \$16.25 = \$2762.50*
 POZMIX @
 GEL @
 CHLORIDE *6 SKS @ \$58.22 = \$349.22*
 ASC @

EQUIPMENT
 PUMP TRUCK CEMENTER *Darren R.*
 # *431* HELPER *Tyler*
 BULK TRUCK
 # *404* DRIVER *Steve*
 BULK TRUCK
 # DRIVER

HANDLING *176 SKS @ 2.25 = \$396.00*
 MILEAGE *11.6 Per mile = \$1548.00*
 TOTAL *\$5056.50*

REMARKS:

*Mix 170 sks Cement
 Displace with water
 Cement Did Circulate*

SERVICE

DEPTH OF JOB *227*
 PUMP TRUCK CHARGE *\$1125.00*
 EXTRA FOOTAGE @
 MILEAGE *80 @ \$7.00 = \$560.00*
 MANIFOLD *Head @ \$200.00*
LV mileage @ \$4.00 = \$320.00

CHARGE TO: *Meridian Energy Inc*
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL *\$2205.50*

PLUG & FLOAT EQUIPMENT

1 Top wooden Plug @ \$92.00
 @
 @
 @
 @

TOTAL *\$92.00*

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

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

PRINTED NAME *Juan Toledo*

SIGNATURE *Juan Toledo*

WELL REPORT

Well: Meridian Energy Inc. #1 Helm
NW NW SE NW Section 2
1400' FNL x 1375' FWL
T. 1 S., R. 26 W.
Decatur County, Kansas

Elevation: GL 2503
KB 2514

Total Depth: Driller 3635
Logger 3635

Date spudded: 3/17/12

Date completed: 3/20/12

Drill Stem Test: A and B zones.

Results: Plugged and abandoned.

Drilling Contractor: Murfin Rig 21

Mud Contractor: Andy's Mud

Logs Run: DIL/CNL/FDC

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1988	+526
Topeka	3154	-640
Heebner	3273	-759
Kansas City A	3308	-794
Reagan	3595	-1081
Granite Wash	3604	-1090
Granite	3620	-1106

TD 3831

SAMPLE DESCRIPTIONS

Not lagged

2830-2860 Ls, wt, vf grn sucrosic, soft, ns
2860-2890 ls, gray, dirty, shaly, hard, tt no some ls a/a
2890-2920 red soft shale/siltstn, some ls, wt, med xtln, hd, tt ns
2920-2950 out of red shale, mix ls, vf xtln-med xtln, tr micro xtln, hd, tt, ns
2950-2980 red shale/ls wt, med xtln, hd, tt, ns
2980-3010 red sh/siltstn, ls a/a ns

3010-3040 mix ls, vf sucrosic, med xtl, micro xtl, hd, tt, ns
3040-3070 ls a/a
3070-3100 ls, wt, chalky, ns, some med xtl hd, tt, ns some vf sucrosic
3100-3110 lots sh red
3120-30 more ls, wt, micro xtl, tt, no
3130-40 ls a/a
3140-3150 some sh, red, lots ls, mix of vvf sucrosic-med xtl, micro xtl, some
chalky, ns
3150-3160 ls/ a/a
3160-3170 sh, red

SAMPLES LAGGED

Topeka

3146- 3192 Ls, wt, micro xtl, hd, tt, ns. tr chalky.
3192-3218 sh, red
3218-3236 Ls, wt, micro xtl, hd, tt, ns

Oread

3254-3268 Ls, med xtl, hd, tt, tr chalky, ns

Kansas City

A zone

3308-3324 Ls, wt, med xtl, tr pinpt vug por, sl stn, FSFO when crushed, poor por,
4-5 grns w/show, poor por, rest tt, ns no por. Some oil scum in cups

B zone

3342-3374 Ls, wt, micro xtl, vvf pinpt vug por, w/dead oil, one grn/FSFO when
crushed, lots of oil scum on cups (lower B) (DST w A zone negative)
CFS @ 3387

C zone

3392-3408 Ls, wt, micro xtl, hd tt, some chalky, couple grns w/vug por, w/dead
bitumen,

D zone

3425- 3433 Ls, wt micro xtl, hd, ttn no por, ns

E Zone

3466-3374 Ls, wt, m grn stn, stn, trace w/pinpt vug por, w/gd SFO when crushed,
hard, poor por.

F zone

3490-3504 Ls, wt, micro xtl, hd, tt, ns, lots of chalky ls, some soft/chalky w/dead bitumen

G zone

3511-3524 Ls, wt, micro xtl, hd, tt, no some chalky
3525-3540 Ls, gray, micro xtl, hd, tt, ns

3554-3594 Ls, wt, micro xtl, hd, tt alternating with sh, red

Reagan

3594- 3604 Ss, clear, f grn, well rned/sorted very soft, about 1/2 w /dead bitumen

Granite Wash

3604-3620 Ss, fine grn, calcareous, some glauc, hd, tt, ns lots of black bitumen, some granite wash w/pink feldspar mixed in

Granite

3620-3635 Granite, quartz biotite chunks.

MUD RECORD

3/19/12 @3191	MW 9.1	VIS 53	WL 6.8	MC 2/32
3/20/12 @3414	MW 9.4	VIS 58	WL 7.2	MC 2/32

DEVIATION SURVEYS

3/16/12 @227 1 degree	3/17/12 @887 1/4 degree
3/18/12 @ 1922 3/4 degree	3/19/12 @ 2228 1/2 degree
3/19/12 @ 3389 1 degree	

DRILL STEM TESTS

Dst #1 3310-3387 OP2 SI 45 OP 60 SI 90
FP 33-35 39-69 SIP 893-840
REC: 15 ' VSOCM (5% OIL, 95% M)
75 ' MUD

COMMENTS

This well started out 8 feet low on the anhydrite to the key well in the SW NW of Section 2, but thinned enough to end up 4 foot high on the Kansas City. Shows in the A and B were tested. Shows in the E zone were so poor and sparse, and in tight rock that they were not tested on the way down. No shows were seen in the F zone. Subsequent logging showed the F interval to have a streak of porosity but looked very wet on the log. It is probable the porous streak @ 3498 was Chalky Ls, with dead bitumen as noted in the samples. Being only 4 foot high to a well that tested all water from the E and F zone, it was decided a test was not warranted.

No other testable shows were seen in the other zones of the Kansas City, nor the Reagan sand section.

Neal La Fon
Geologist
Franktown, CO
4/6/12

LOG-TECH



DIGITAL LOG

(785) 625-3858

Dual Induction Log

API No. 15-039-21147-00-00	Company Meridian Energy, Inc.	
	Well Helm #1	
	Field Wildcat	
	County Decatur	State Kansas
Location NW NW SE NW 1400'FNL / 1375' FWL		Other Services CNL / CDL
Sec: 2	Twp: 1S	Rge: 26W
Permanent Datum	Ground Level	Elevation 2503
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
		K.D.P. 2514 G.L. 2503
Date	3/20/2012	
Run Number	One	
Depth Driller	3635	
Depth Logger	3635	
Bottom Logged Interval	3634	
Top Log Interval	200	
Casing Driller	8.625 @ 227	
Casing Logger	224	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	8000	
Density / Viscosity	9.4	58
pH / Fluid Loss	11.0	7.2
Source of Sample	Flowline	
Rm @ Meas. Temp	0.35 @ 69	
Rmf @ Meas. Temp	0.26 @ 69	
Rmc @ Meas. Temp	0.47 @ 69	
Source of Rmf / Rmc	Charts	
Rm @ BHT	0.21 @ 112	
Operating Rig Time	3 Hours	
Max Rec. Temp. F	112	
Equipment Number	15	
Location	Hays	
Recorded By	R. Barnhart	
Witnessed By	Neal LaFon	

<<< 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 Log-Tech, Inc.
(785) 625-3858

Norcatour, KS:
1 1/2W to 17E, 12N,
1/4E, S into

Database File: c:\warrior\data\meridian_helm #1\meridianhd.db
 Dataset Pathname: dil\mermain
 Presentation Format: dil2in
 Dataset Creation: Tue Mar 20 21:29:18 2012
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
-200	SP (mV)	0

0	Shallow Resistivity	50
0	Deep Resistivity	50

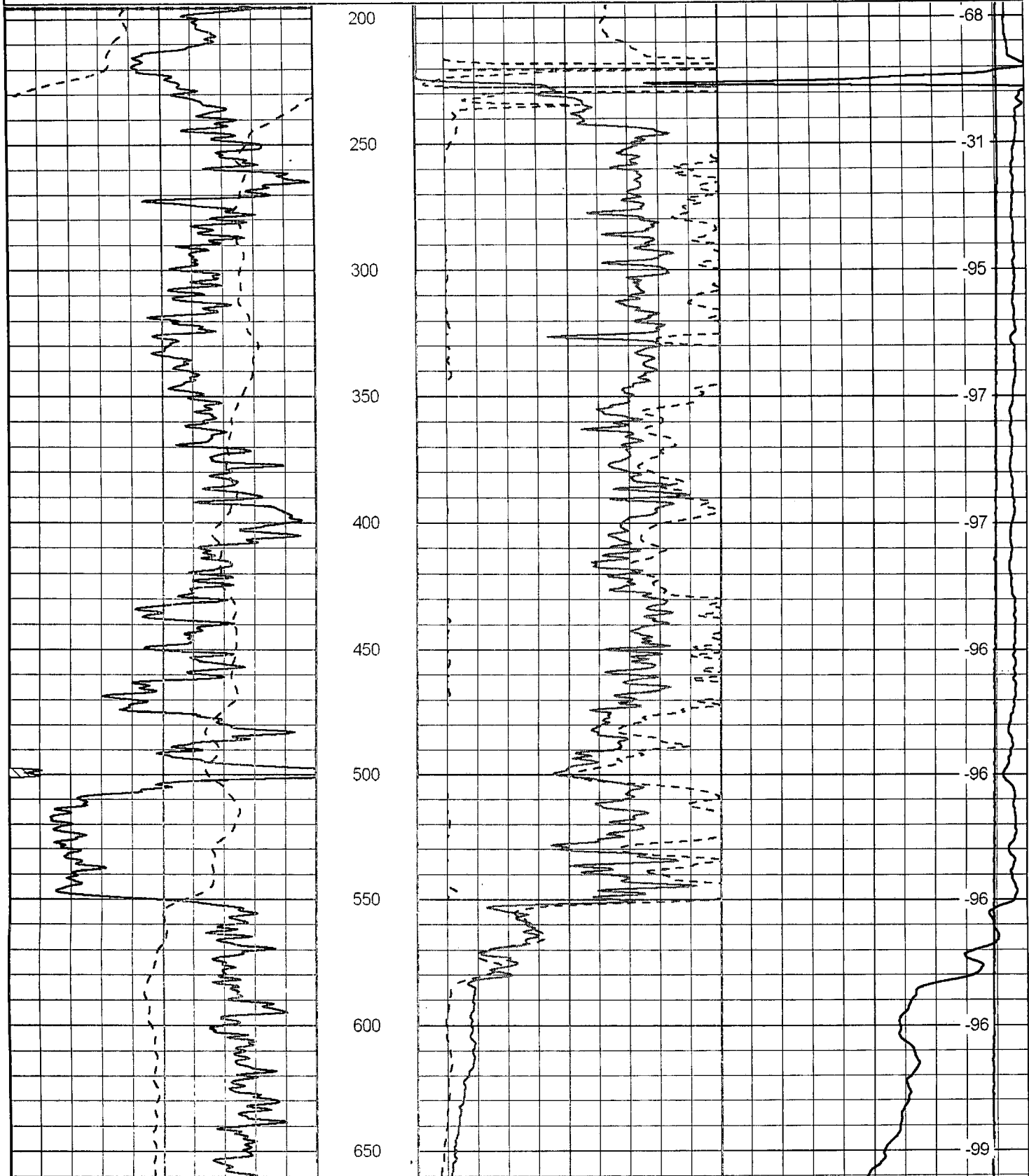
LSPD

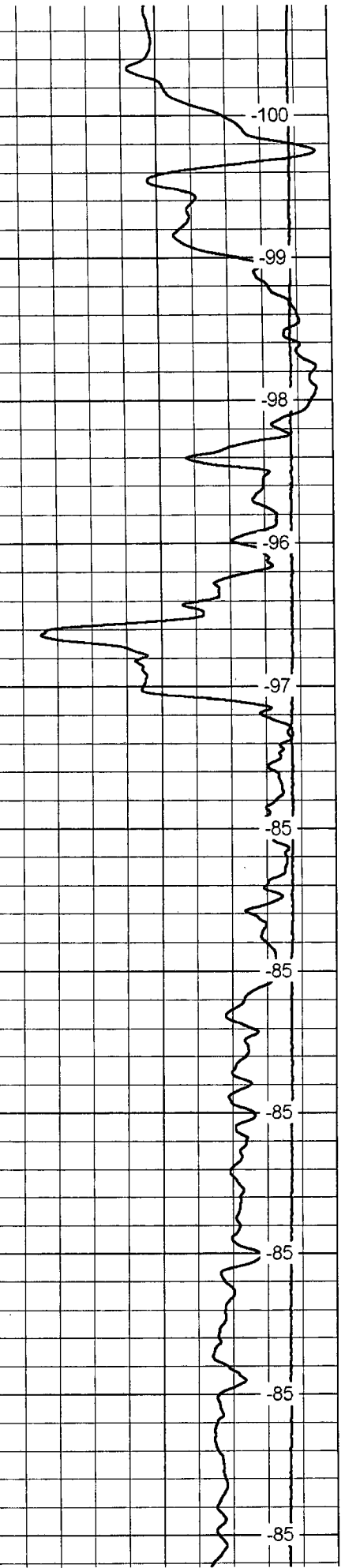
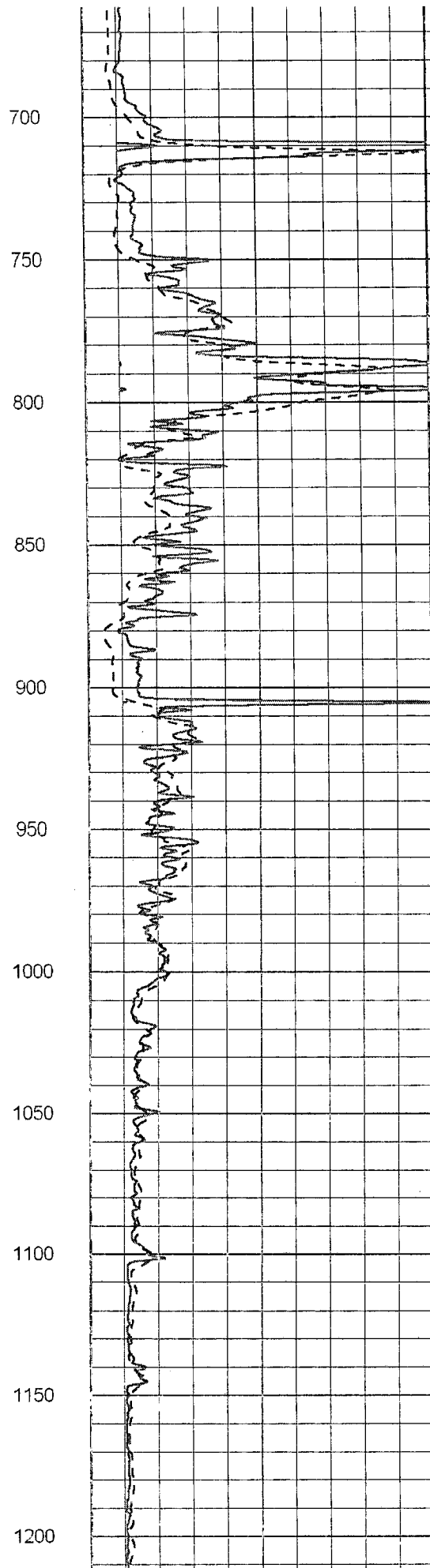
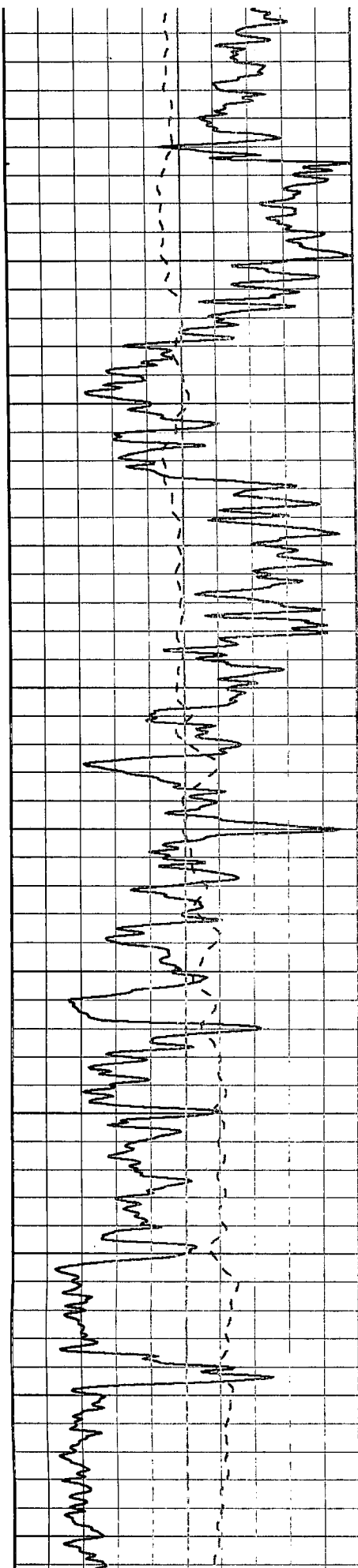
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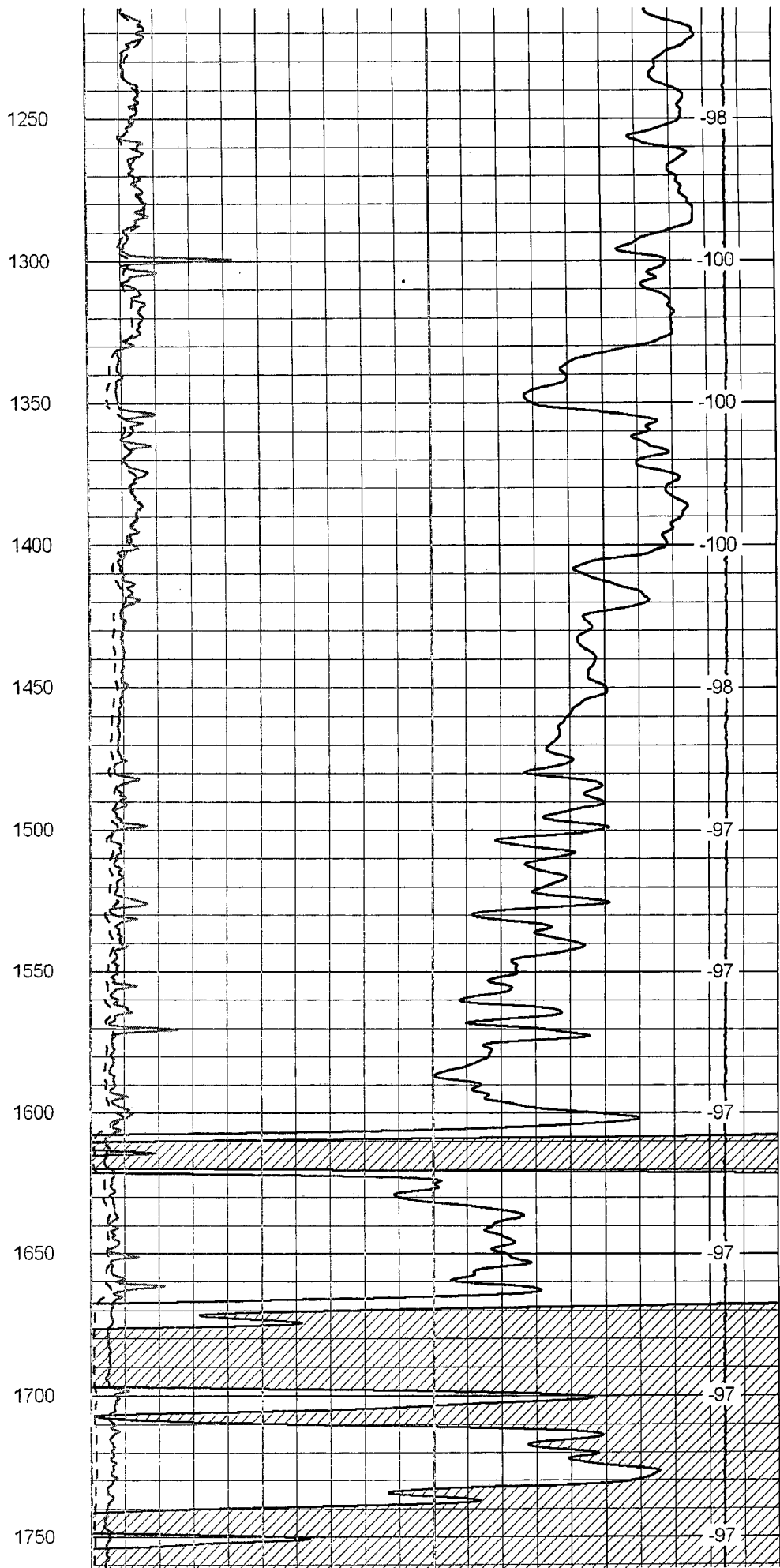
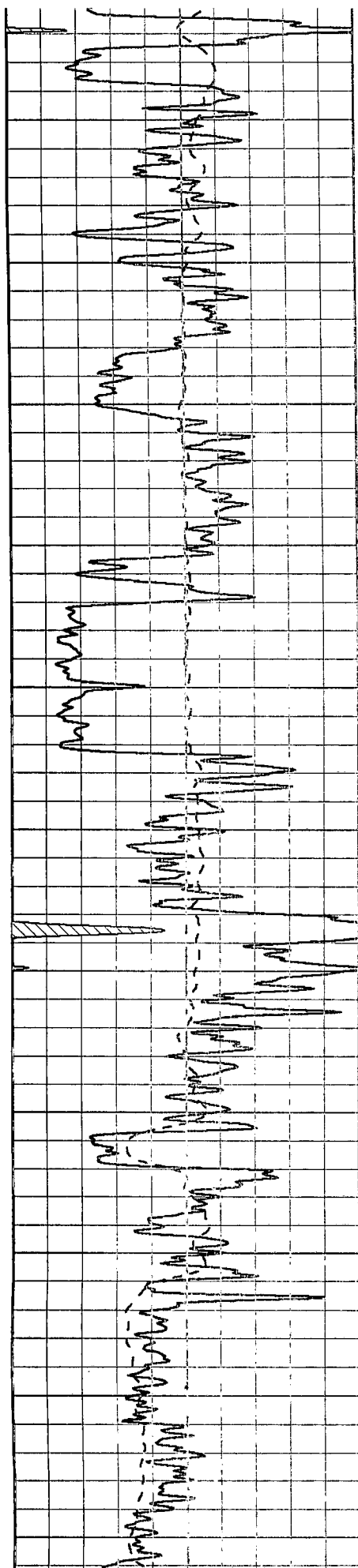
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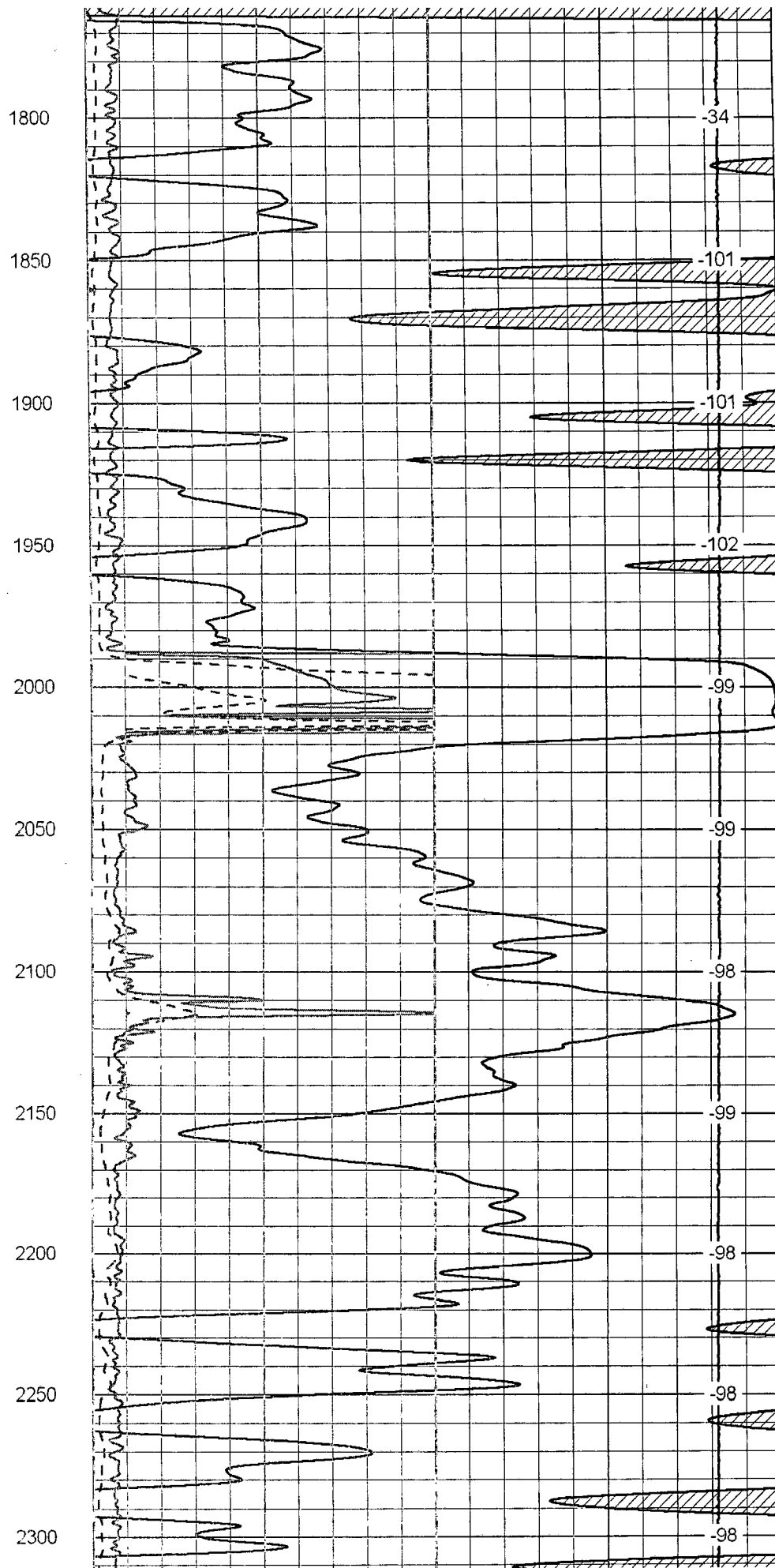
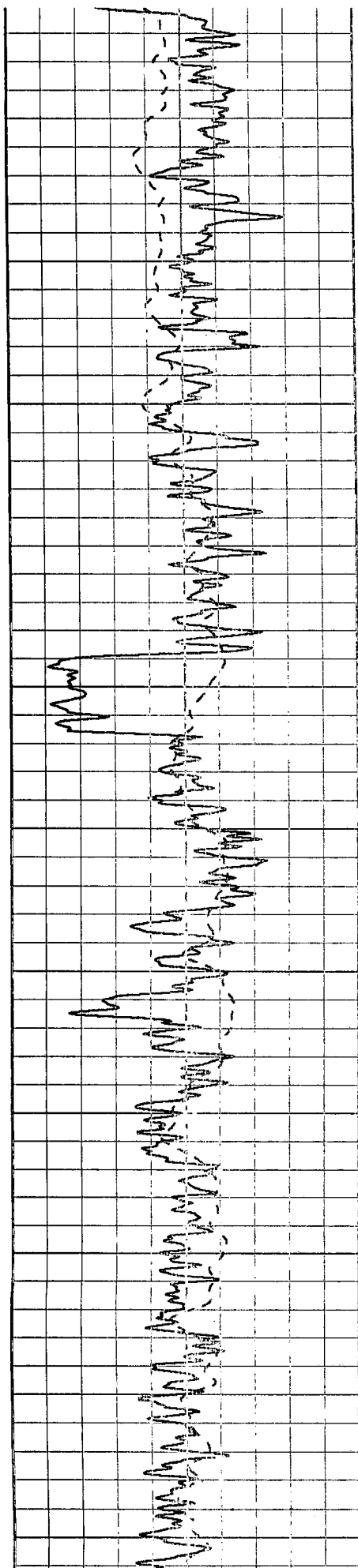
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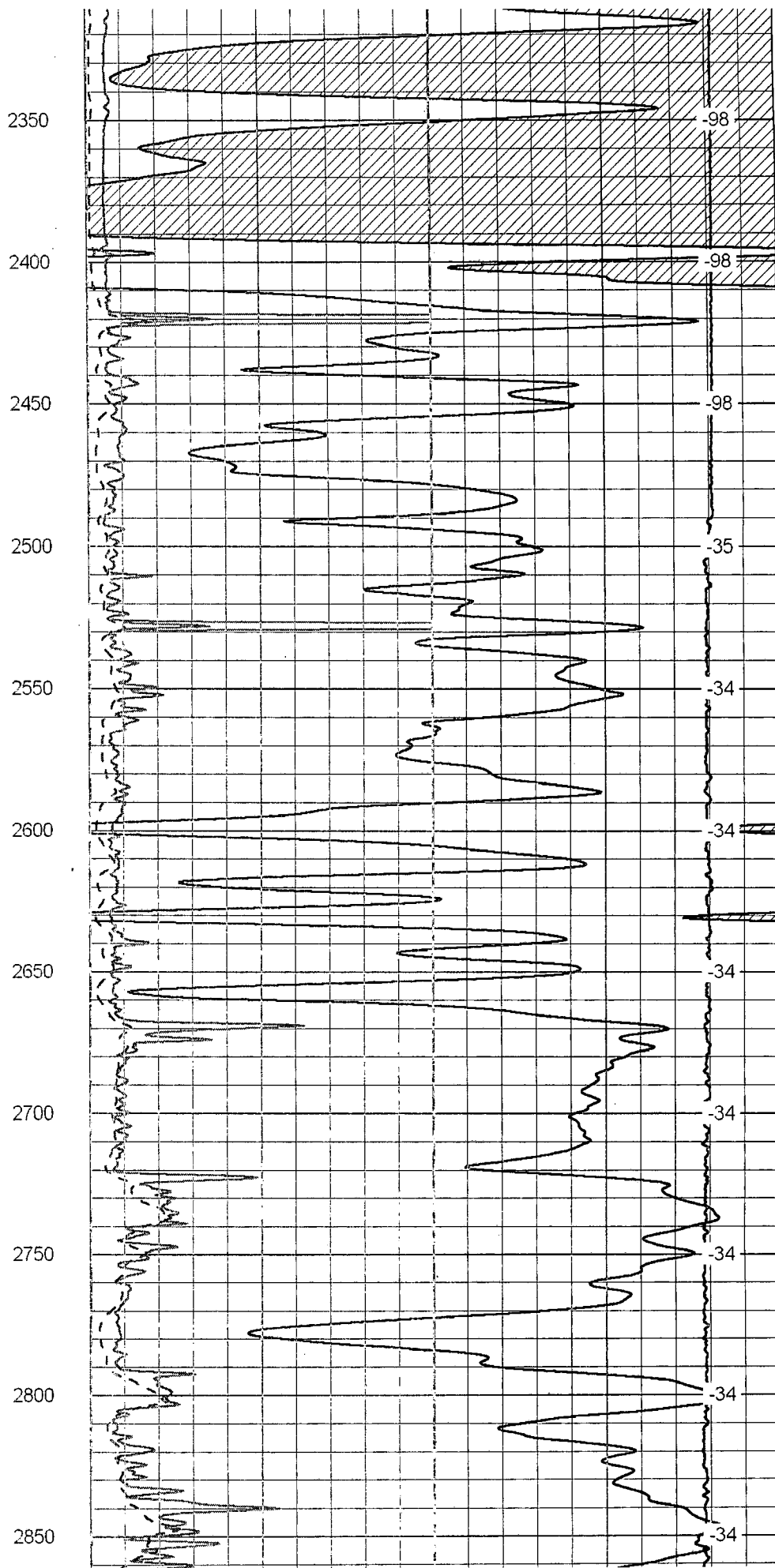
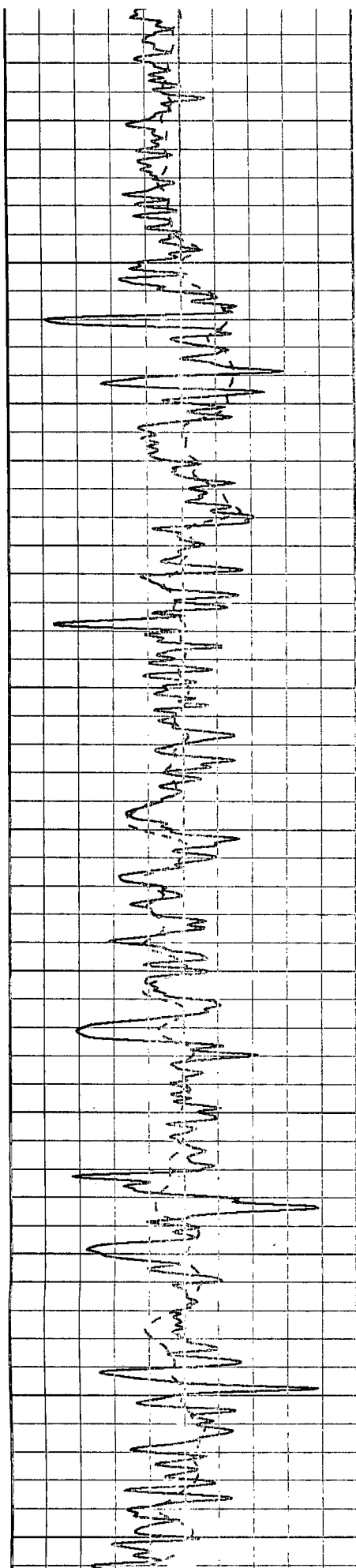
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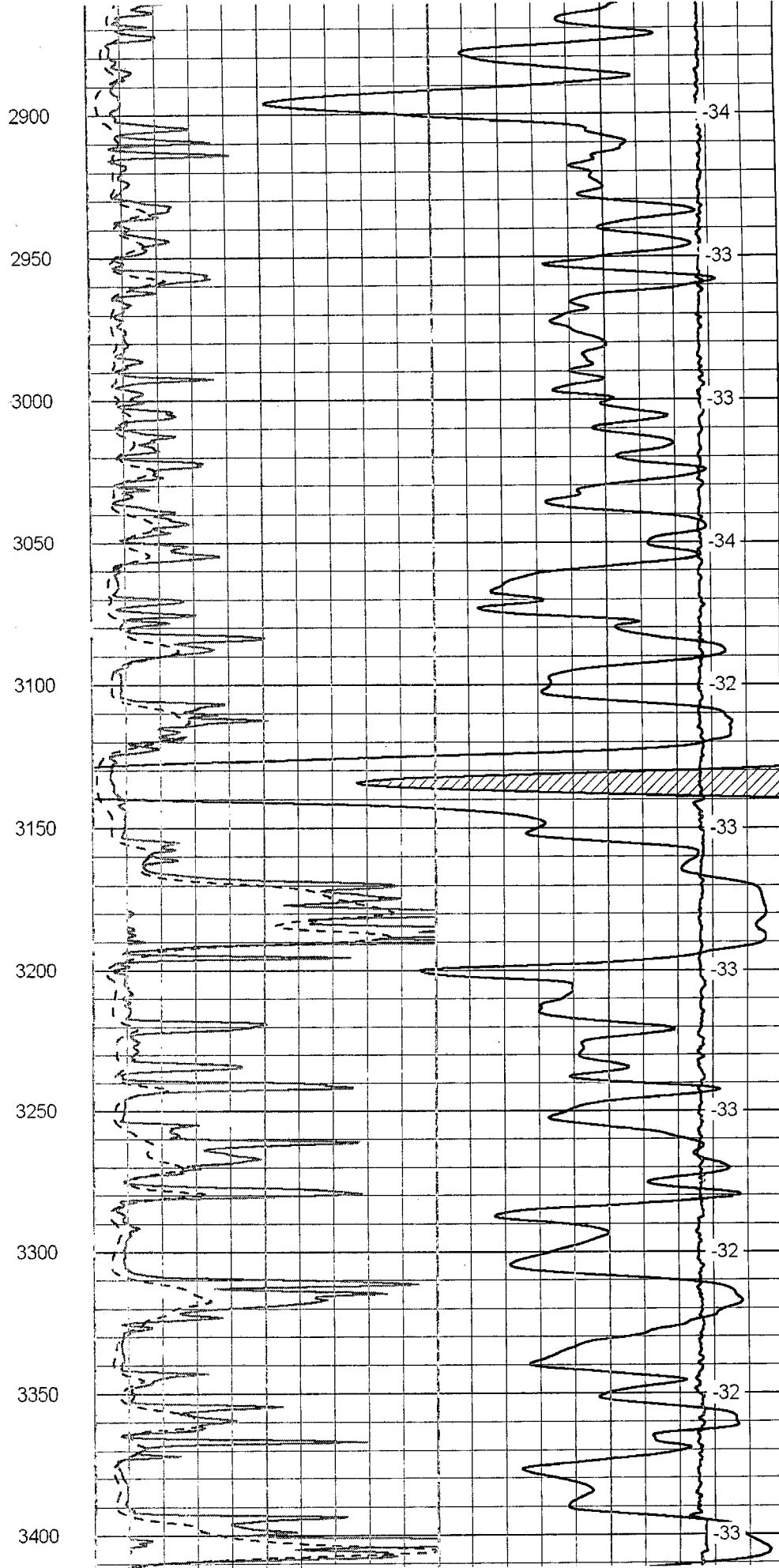
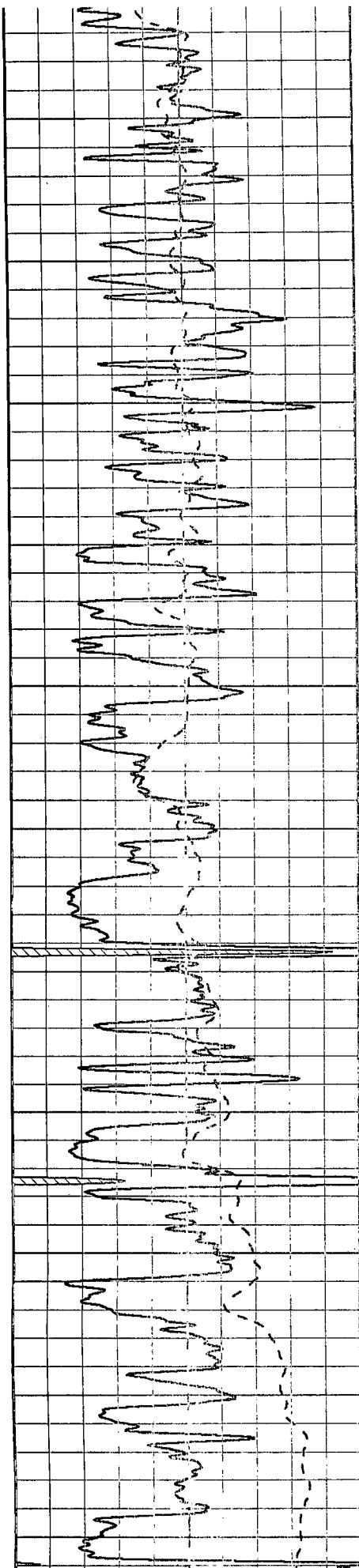


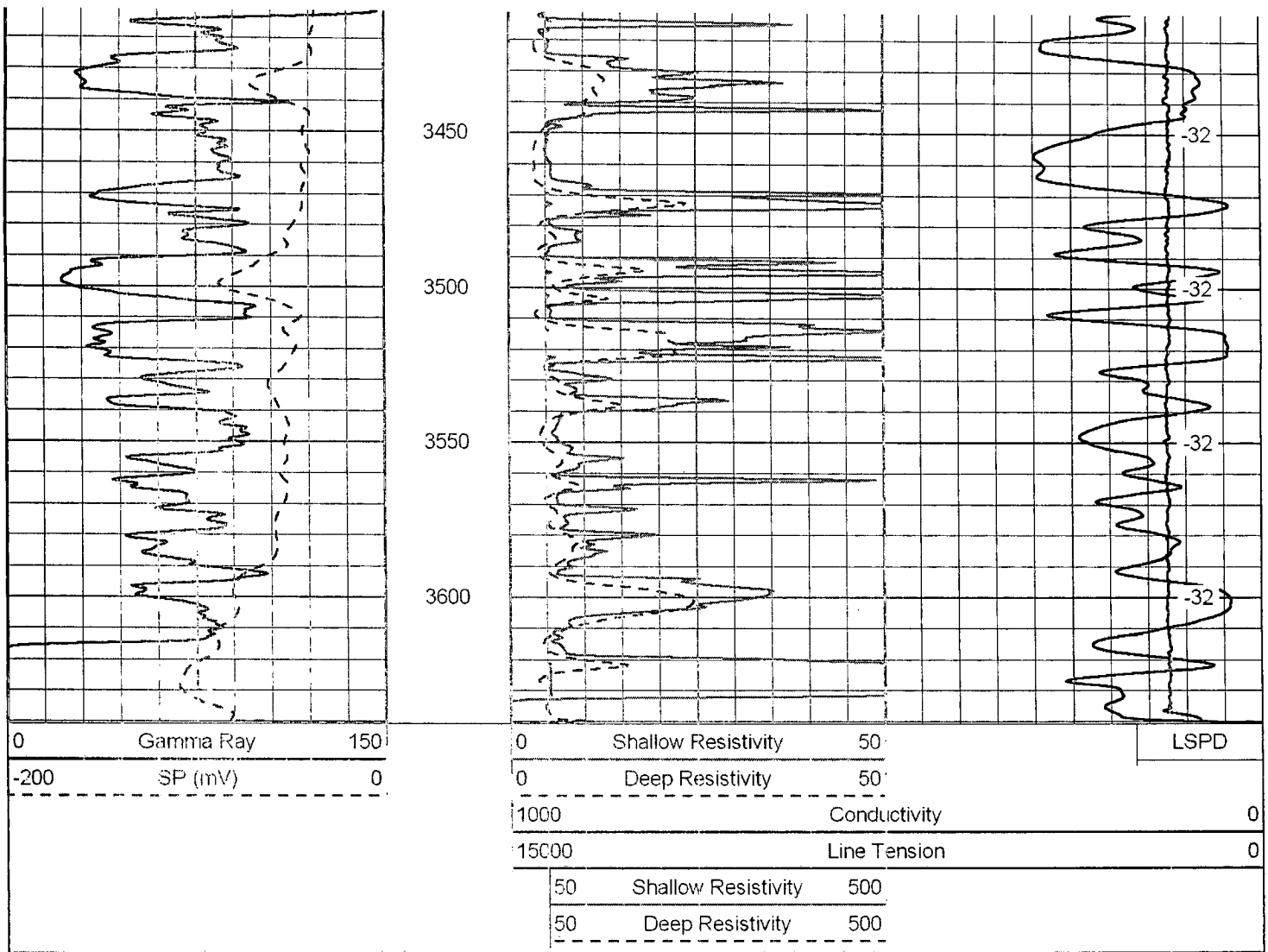




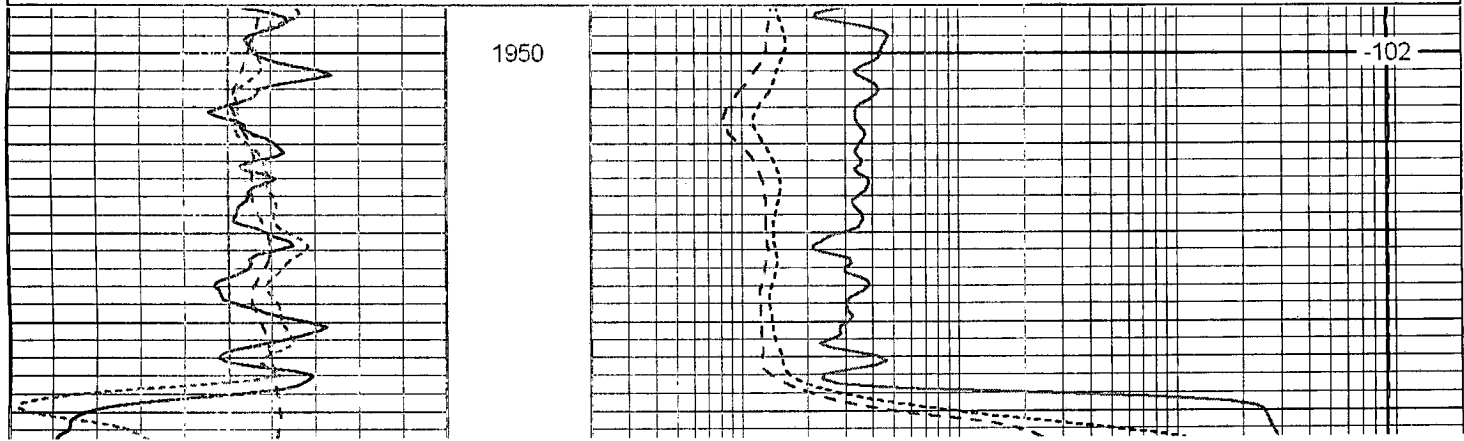
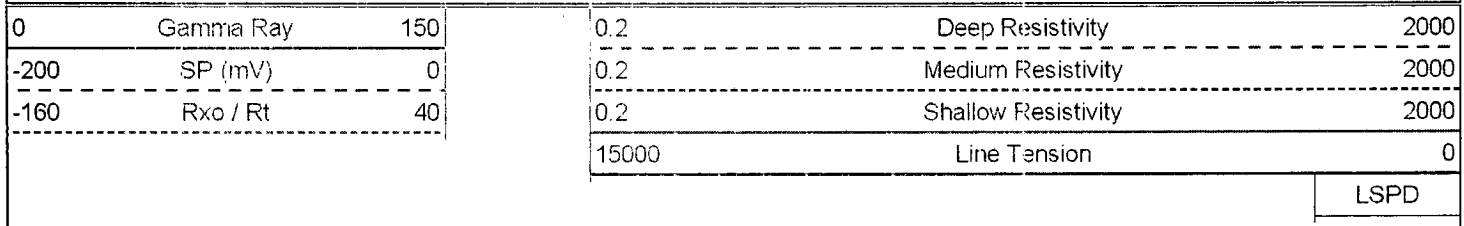


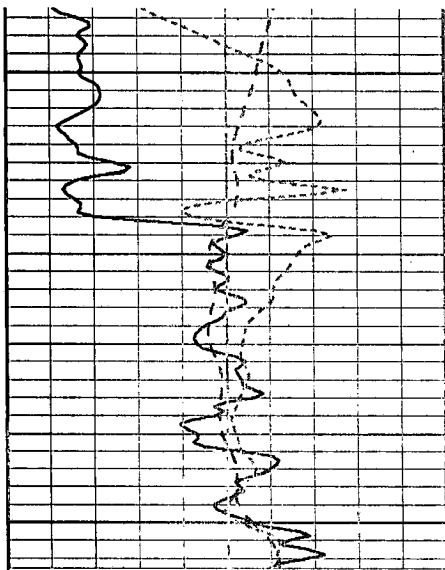






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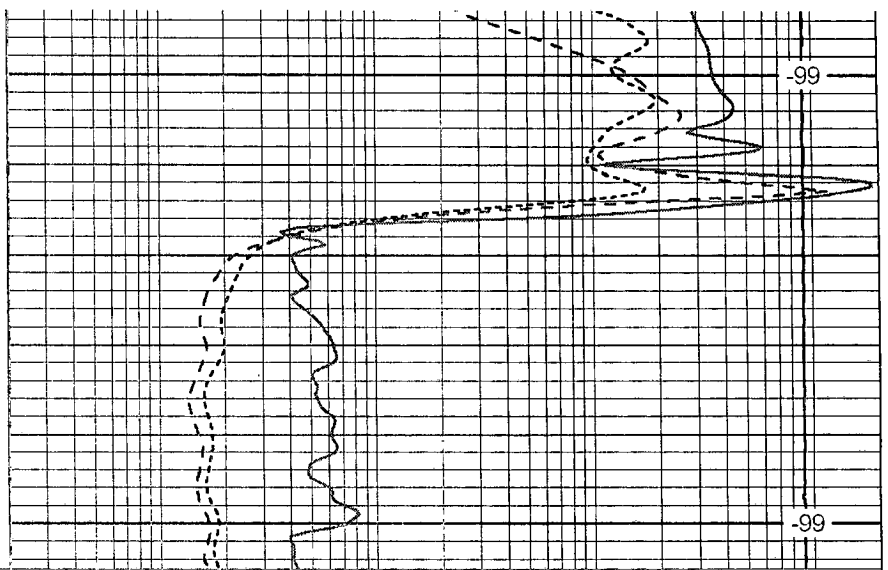




0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

2000

2050



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

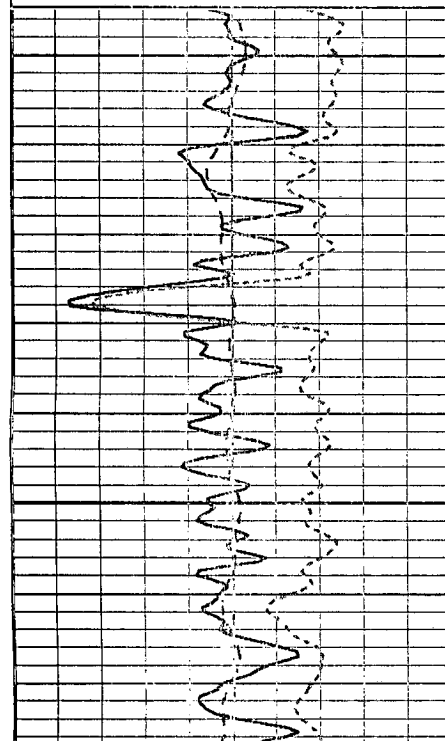
LSPD

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 Presentation Format: dil
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-200	SP (mV)	0
-160	Rxo / Rt	40

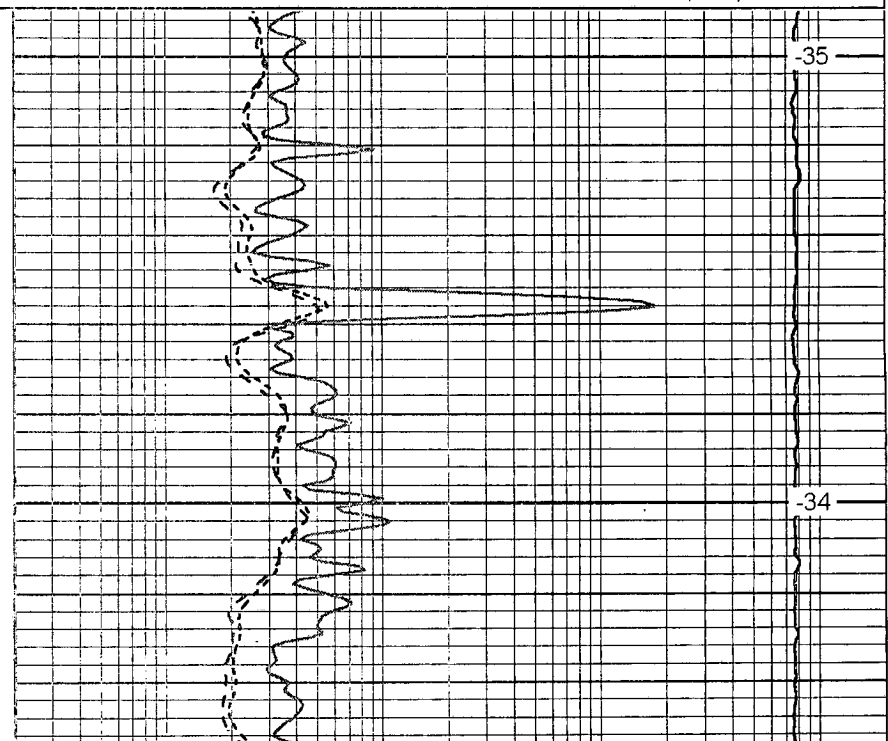
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0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



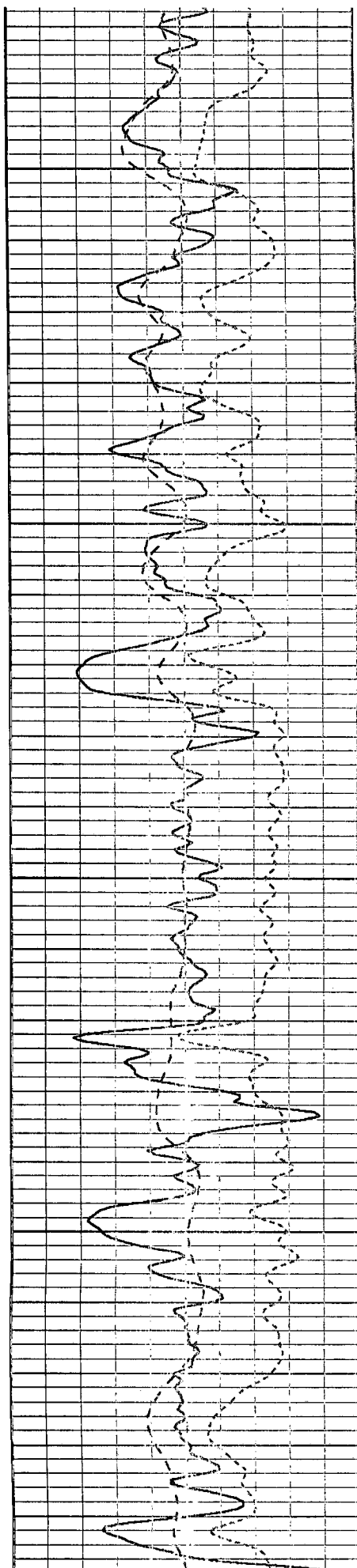
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2550



-35

-34

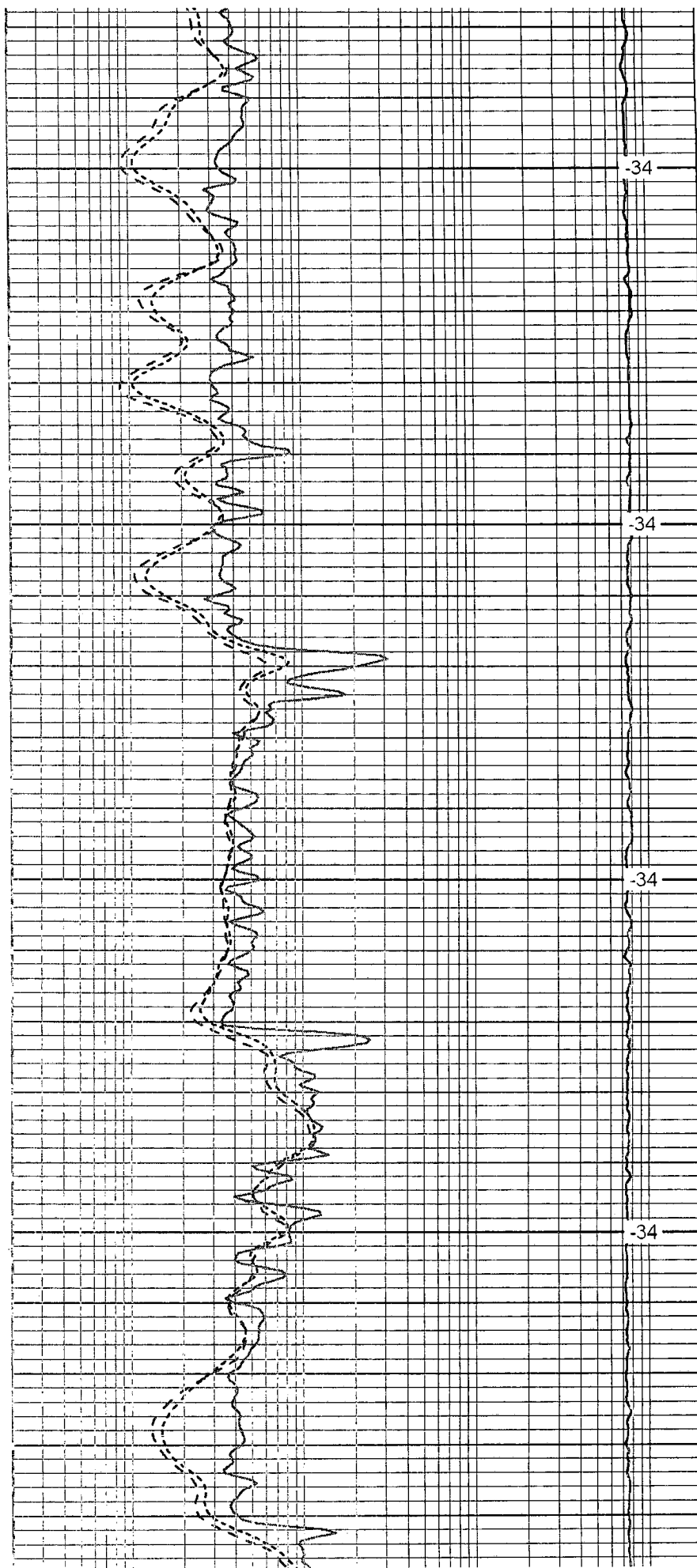


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2650

2700

2750

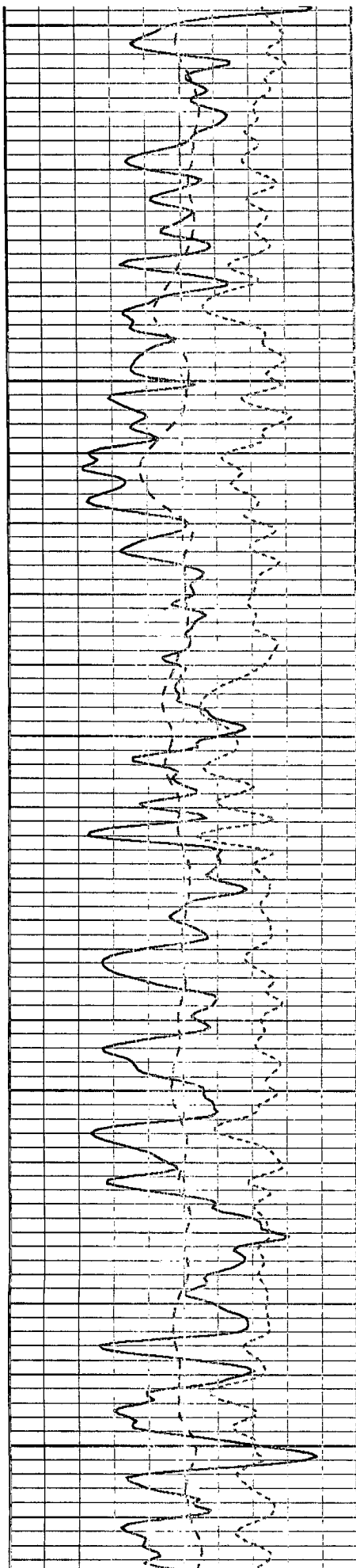


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34

34

34



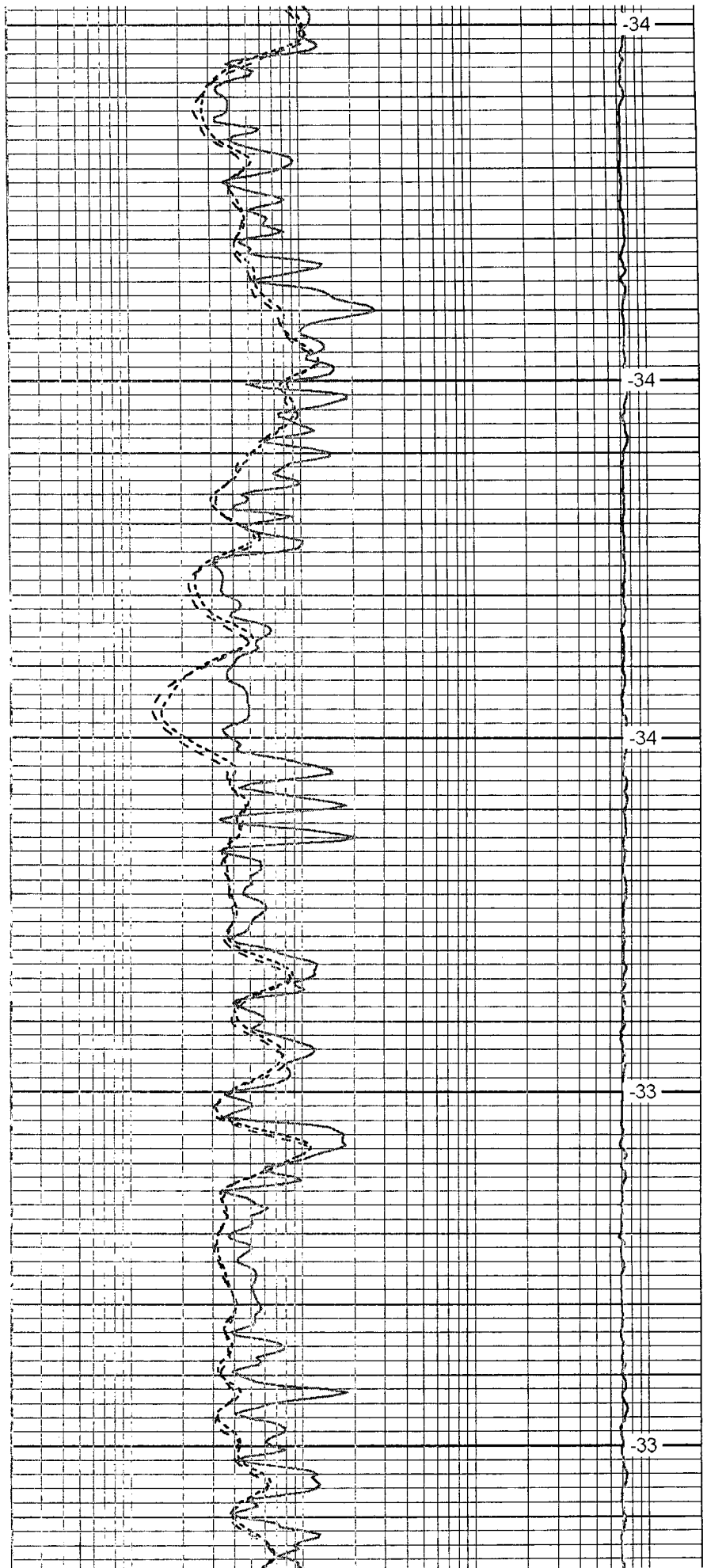
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2850

2900

2950

3000



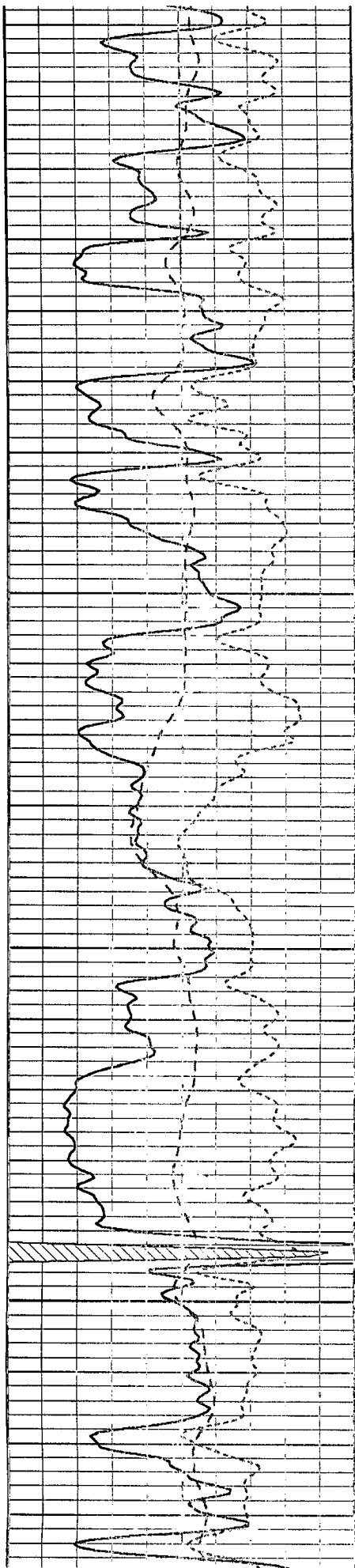
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34

34

33

33

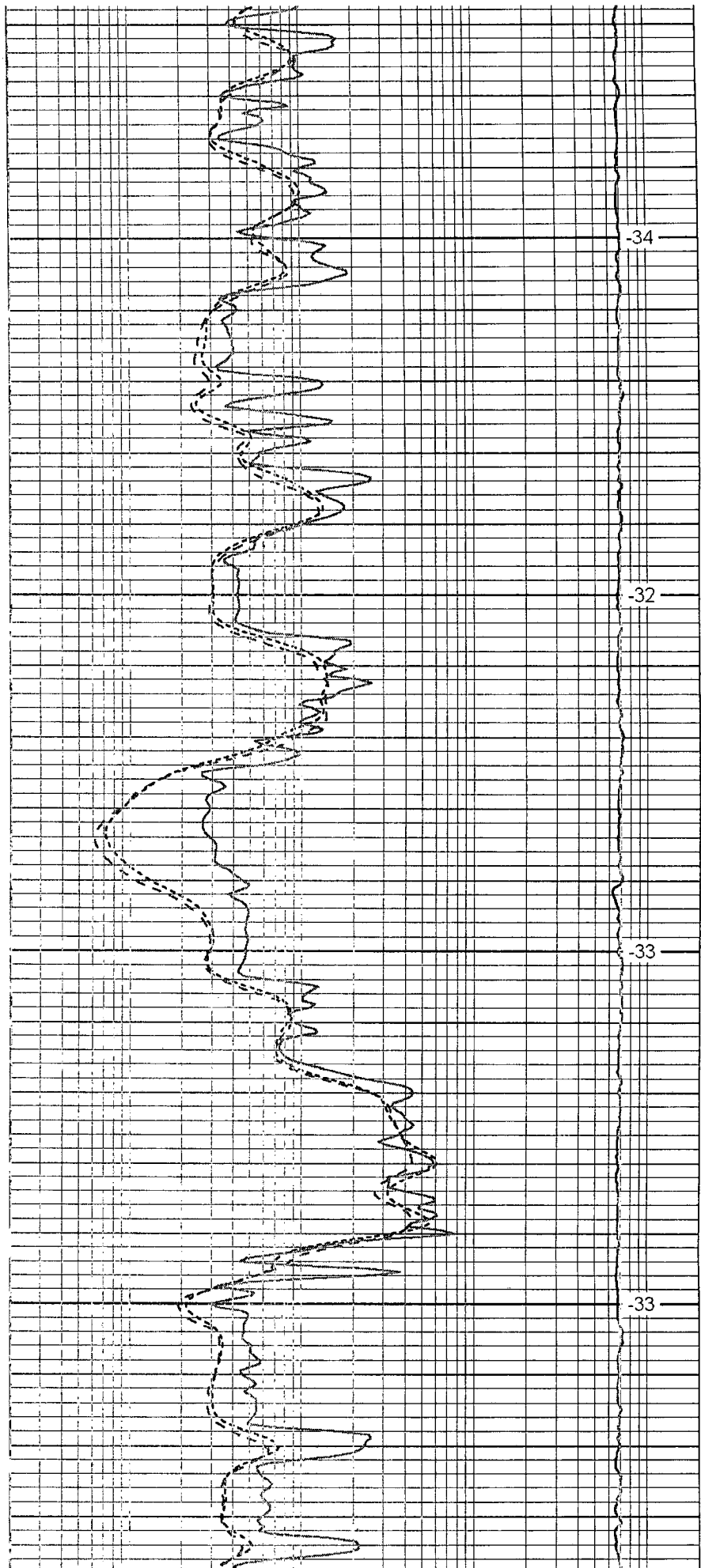


3050

3100

3150

3200

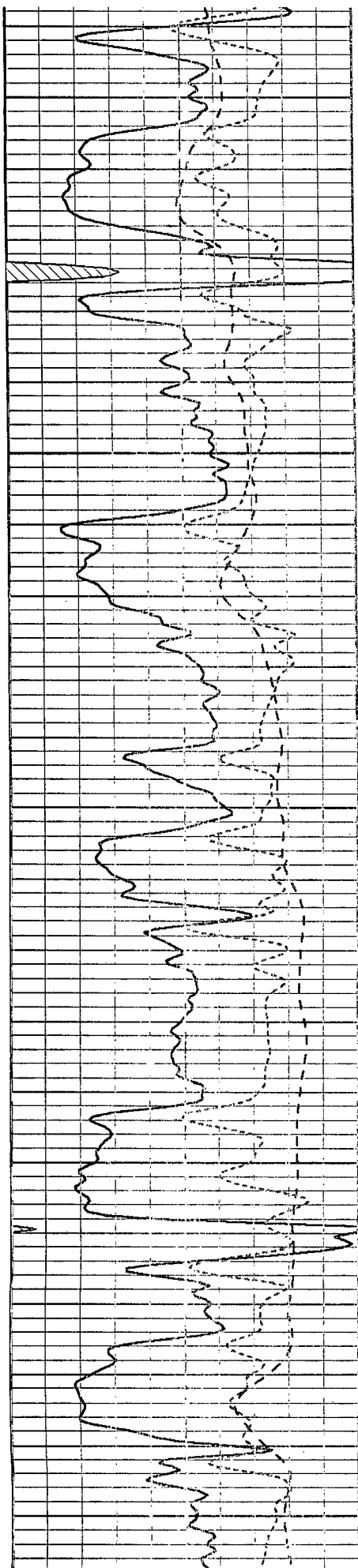


-34

-32

-33

-33



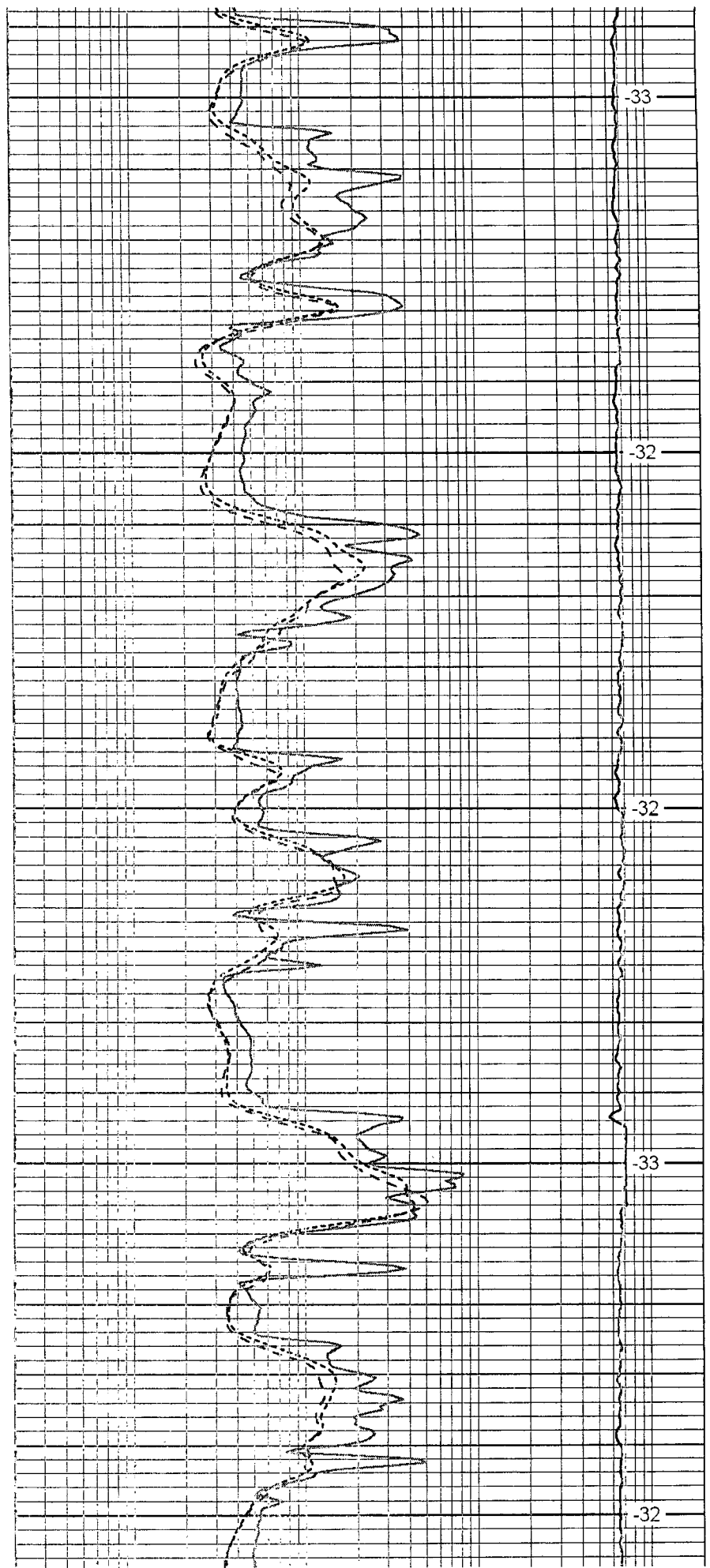
3250

3300

3350

3400

3450



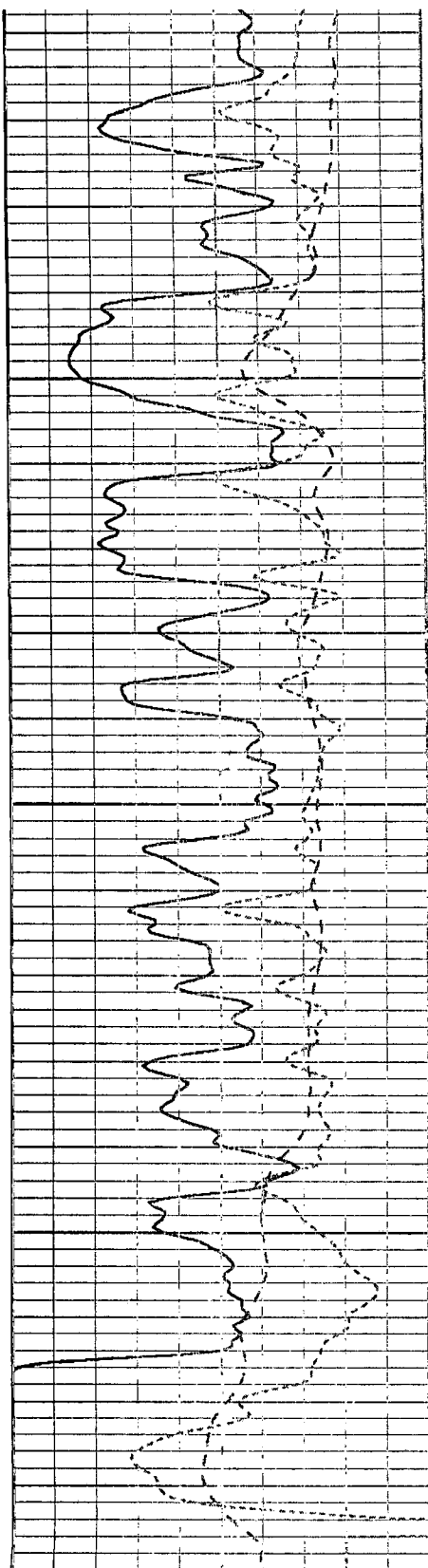
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-32

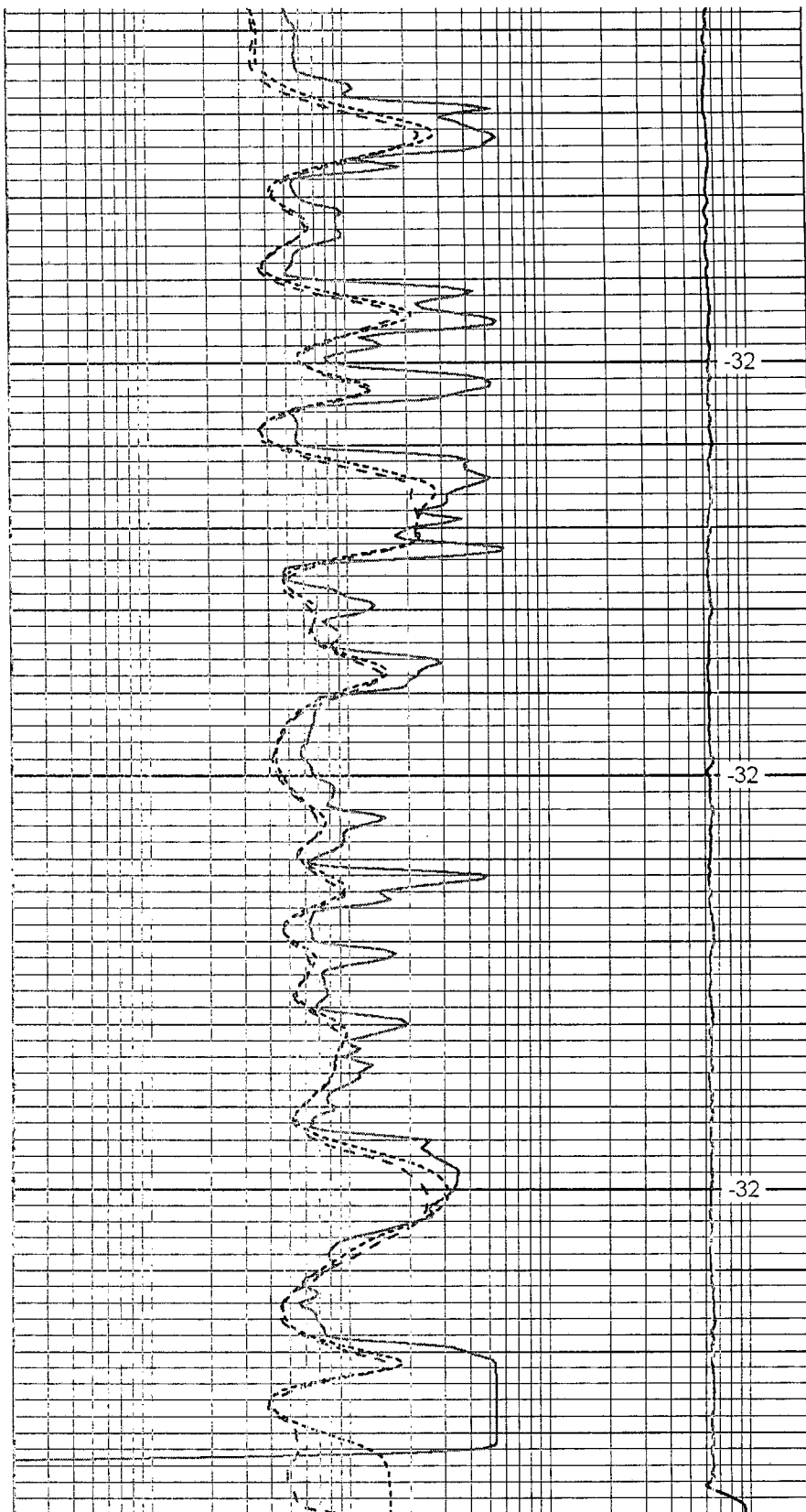
-32

-33

-32



0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40



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

LSPD



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

15-039-21147-00-00	API No.		Company Meridian Energy, Inc.				
			Well Helm #1				
			Field Wildcat				
			County Decatur State Kansas				
Location		NW NW SE NW 1400'FNL / 1375' FWL		Other Services DIL			
Sec: 2		Twp: 1S		Rge: 26W			
Permanent Datum		Ground Level		Elevation 2503			
Log Measured From		Kelly Bushing		11 Ft. Above Perm. Datum			
Drilling Measured From		Kelly Bushing					
		K.B. 2514		D.F. 2514			
		G.L. 2503					
Date	3/20/2012						
Run Number	One						
Type Log	CNL / CDL						
Depth Driller	3635						
Depth Logger	3635						
Bottom Logged Interval	3614						
Top Logged Interval	2500						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	8000						
Density	9.4						
Level	Full						
Max. Rec. Temp. F	112						
Operating Rig Time	3 Hours						
Equipment -- Location	15 Hays						
Recorded By	R. Barnhart						
Witnessed By	Neal LaFon						
Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	227	8.625	24#	00	227
2	7.875	227	3635				

<<< 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 Log-Tech, Inc.
(785) 625-3858

Norcatour, KS:
1 1/2W to 17E, 12N,
1/4E, S into

Database File: c:\warrior\data\meridian_helm #1\meridian.hnd.db
 Dataset Pathname: dil\mermain
 Presentation Format: cdl
 Dataset Creation: Tue Mar 20 21:29:18 2012
 Charted by: Depth in Feet scaled 1:600

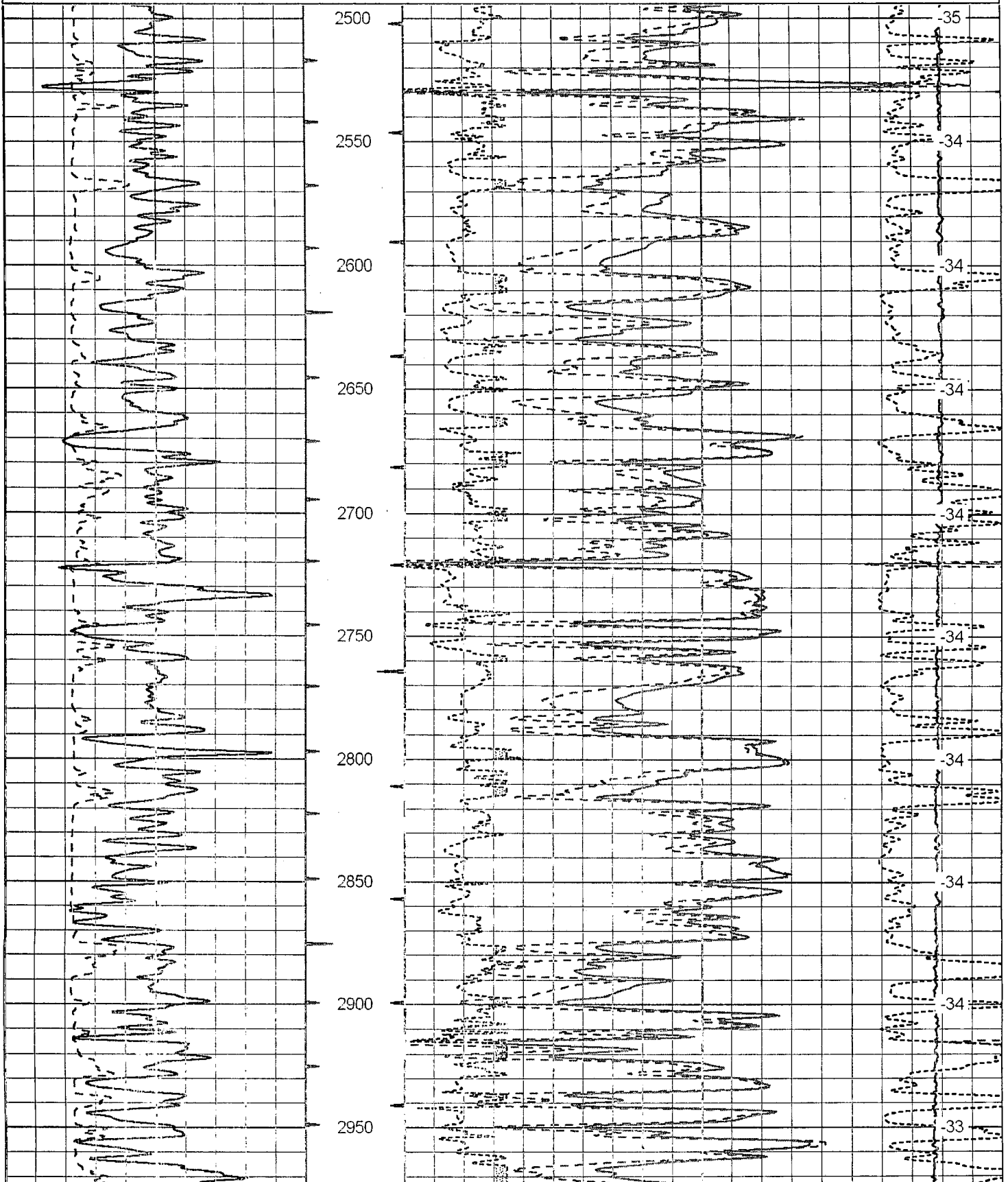
Charted by:

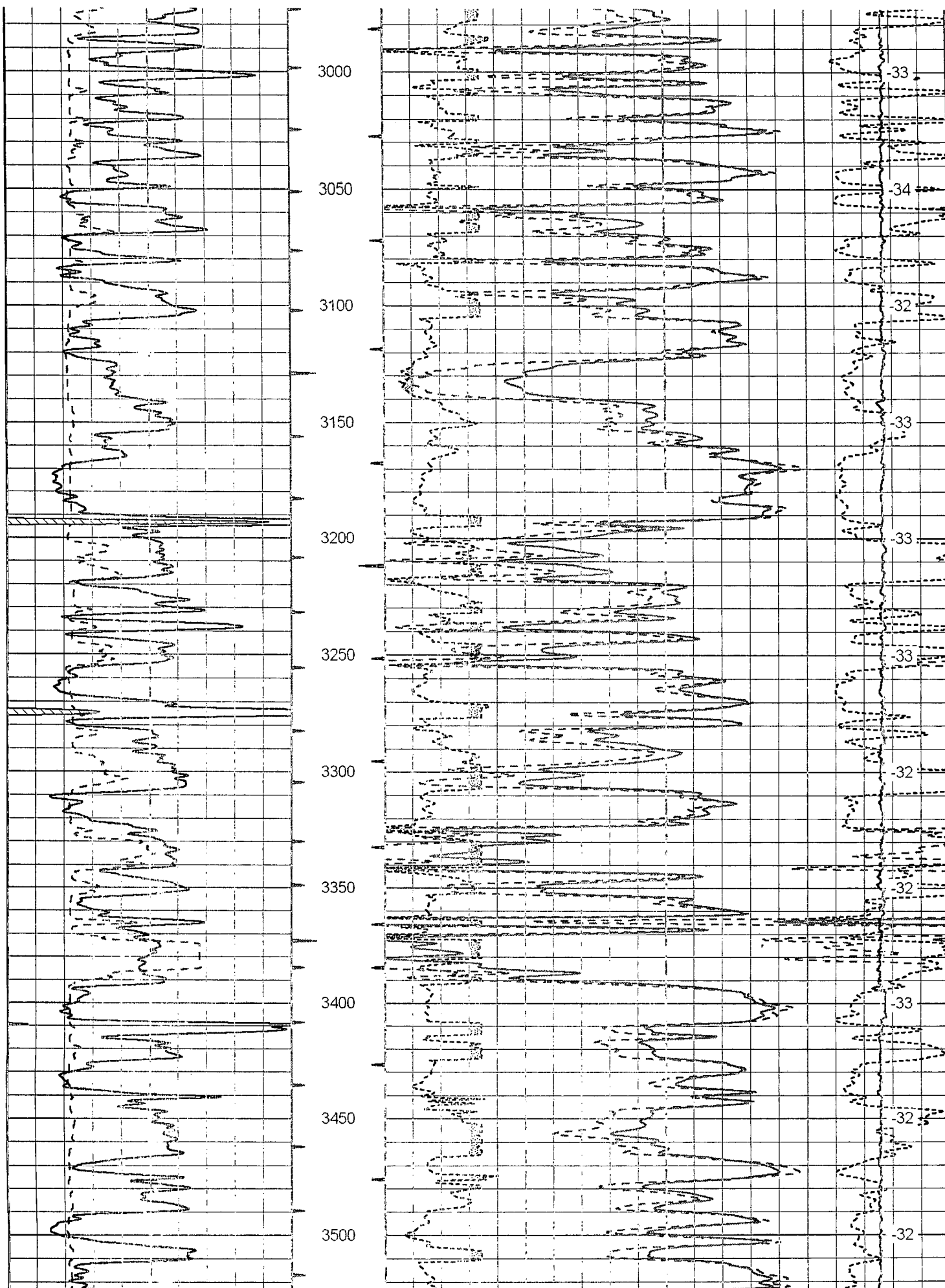
Depth in feet below 1000

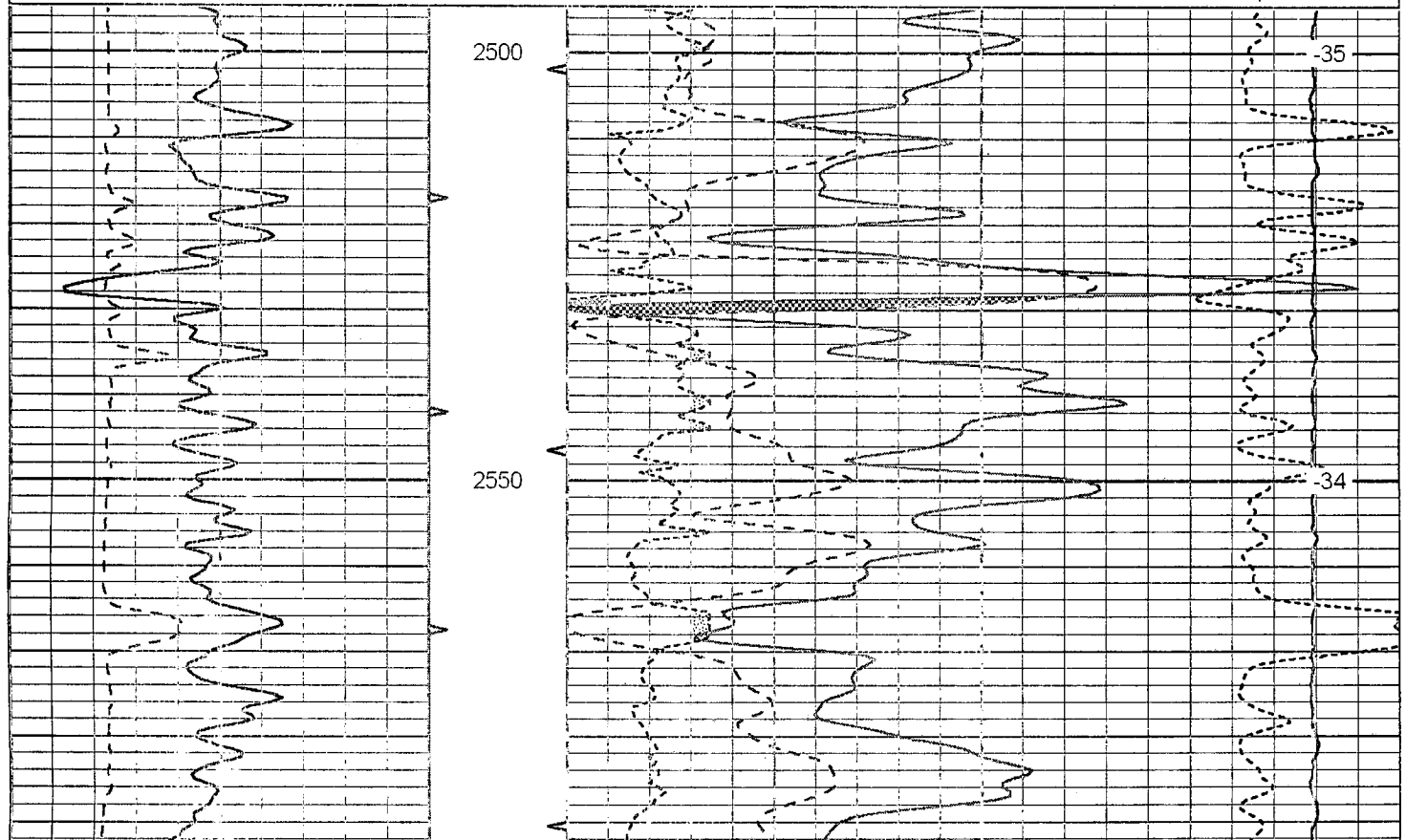
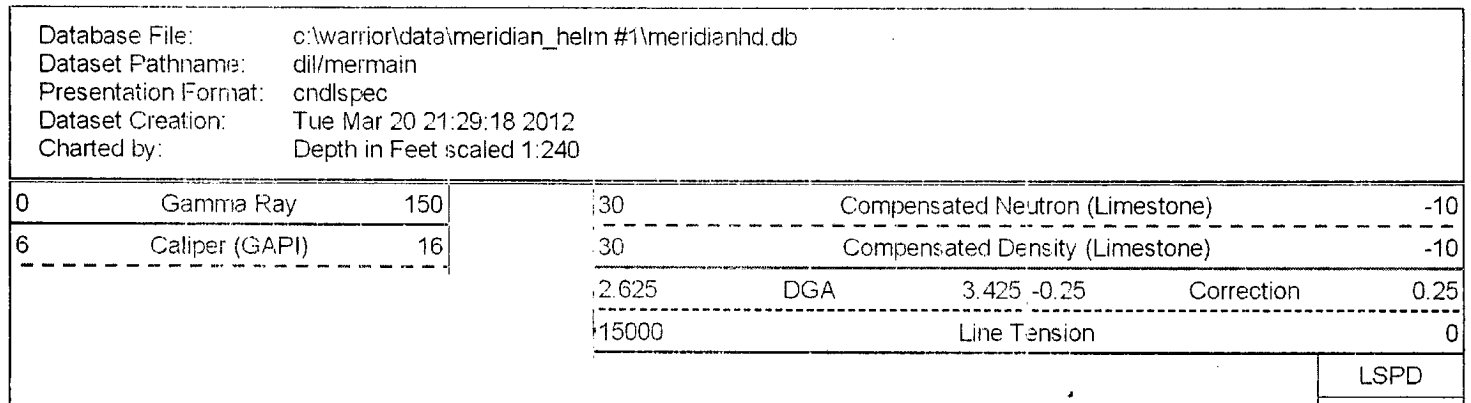
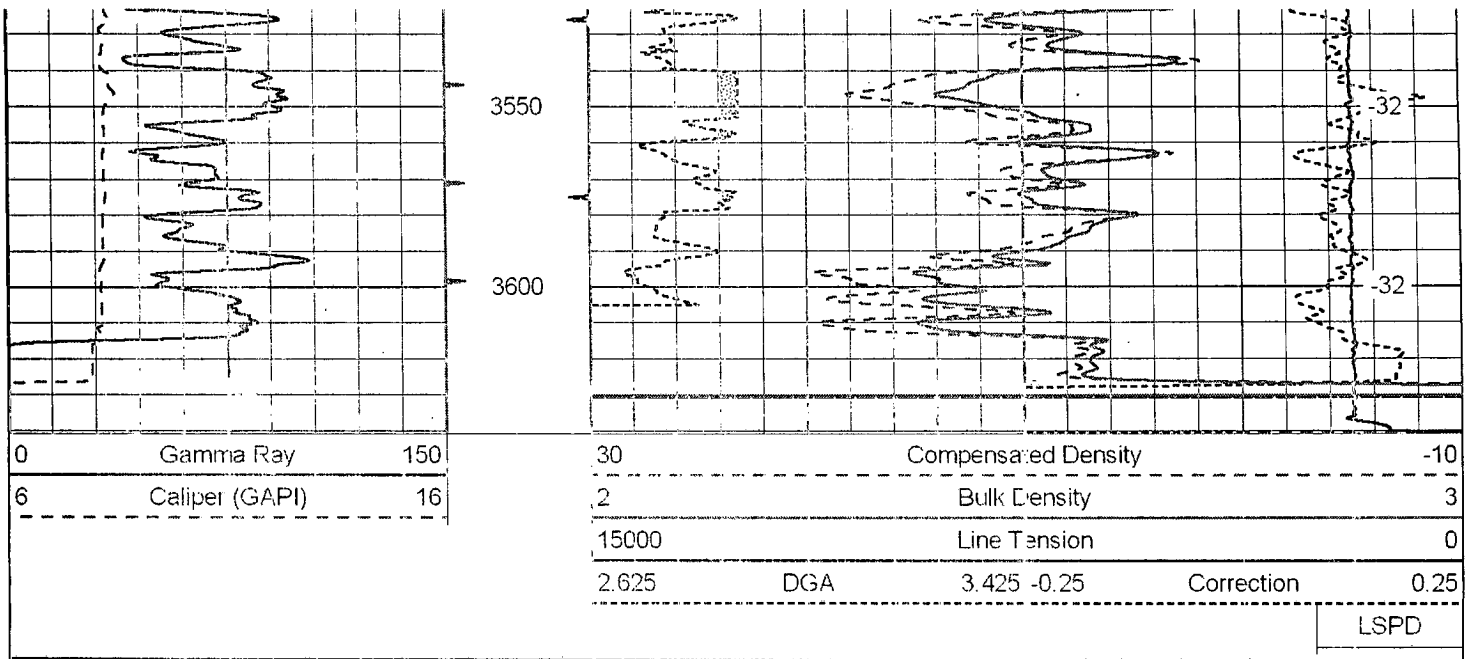
0	Gamma Ray	150
6	Caliper (GAPI)	16

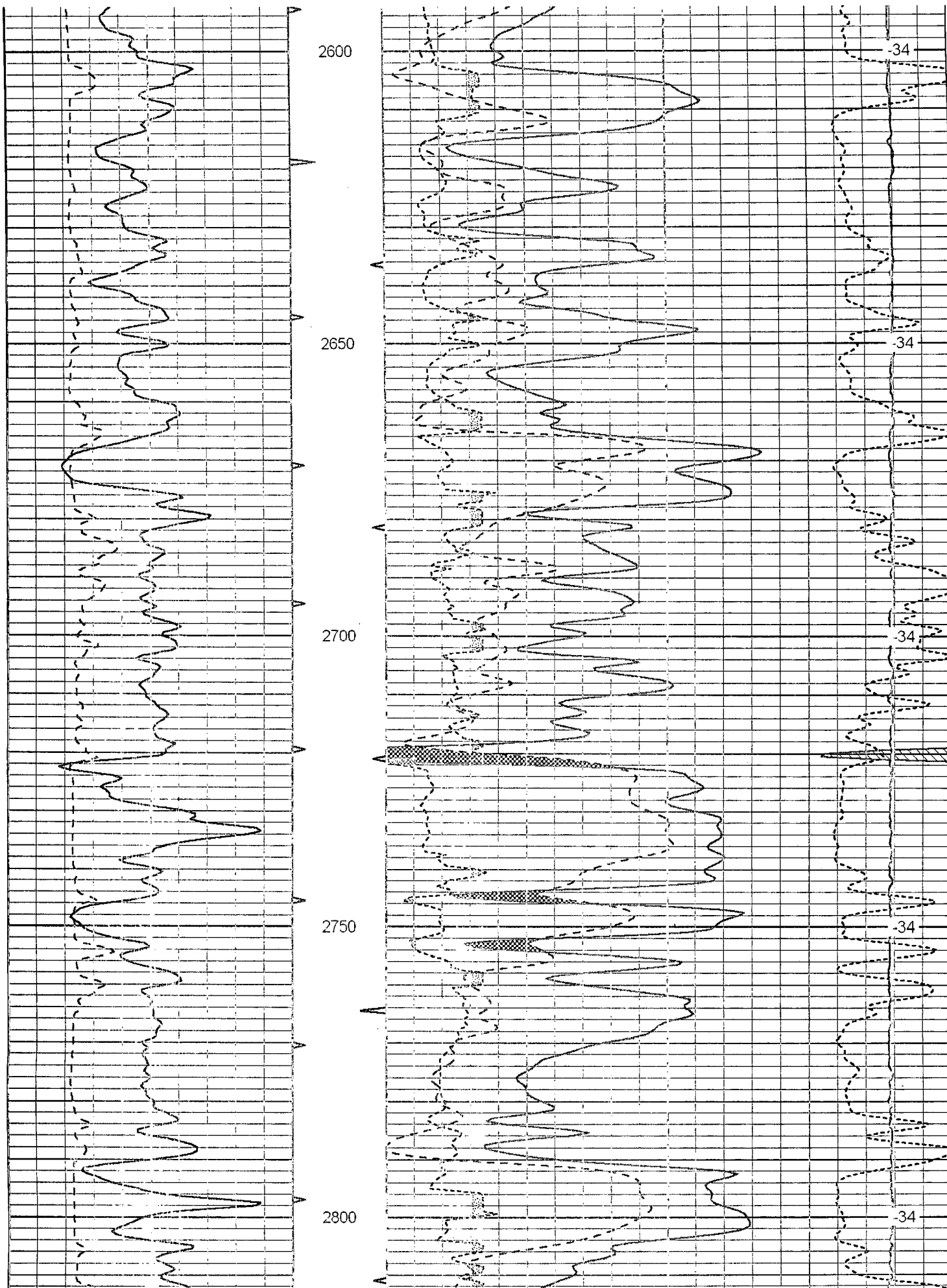
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25

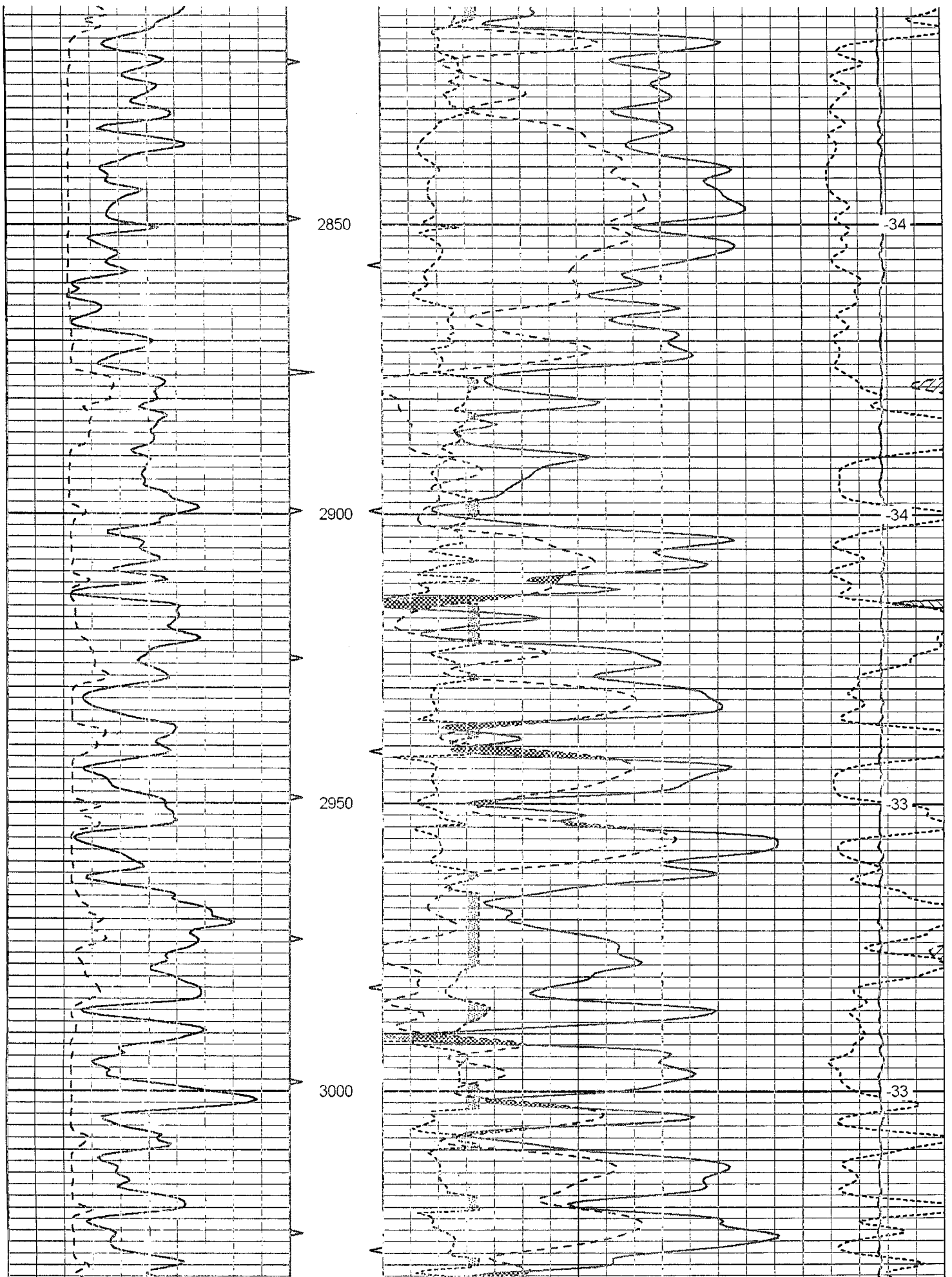
LSPD

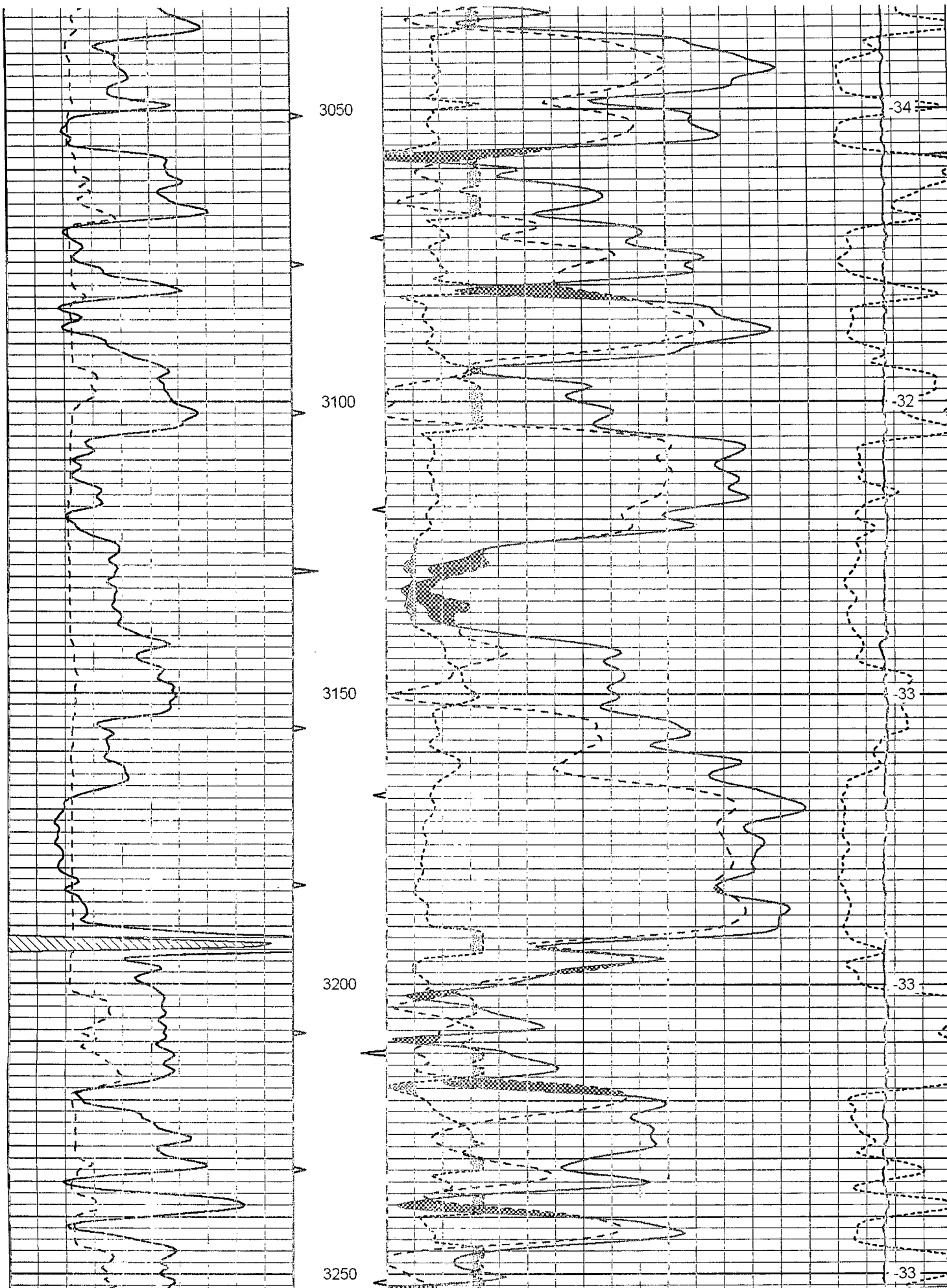


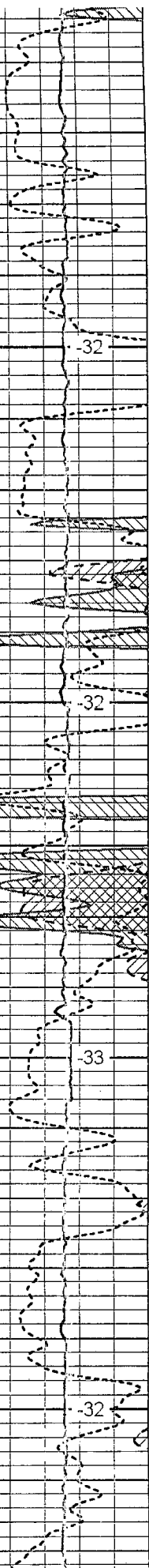
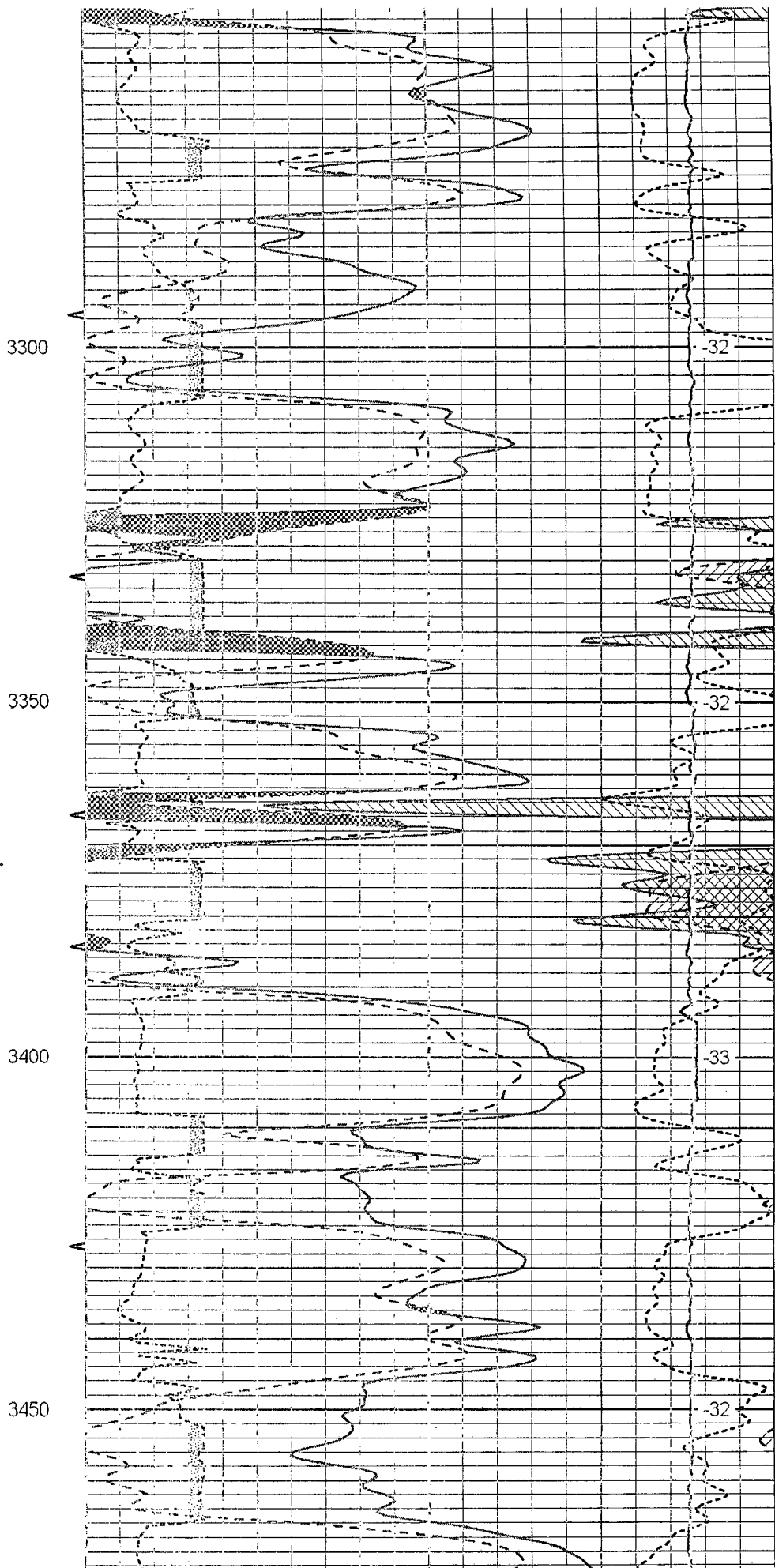
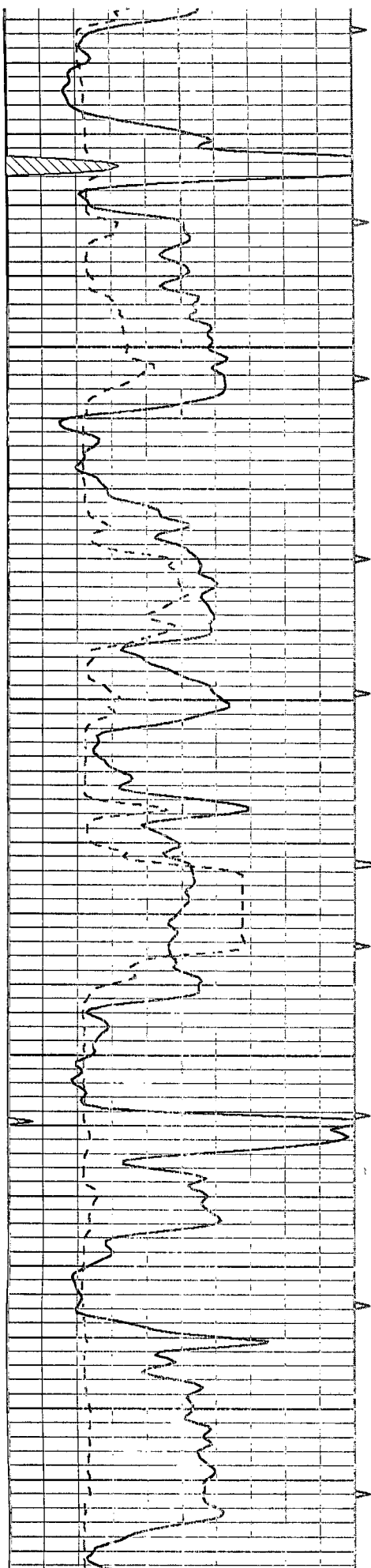


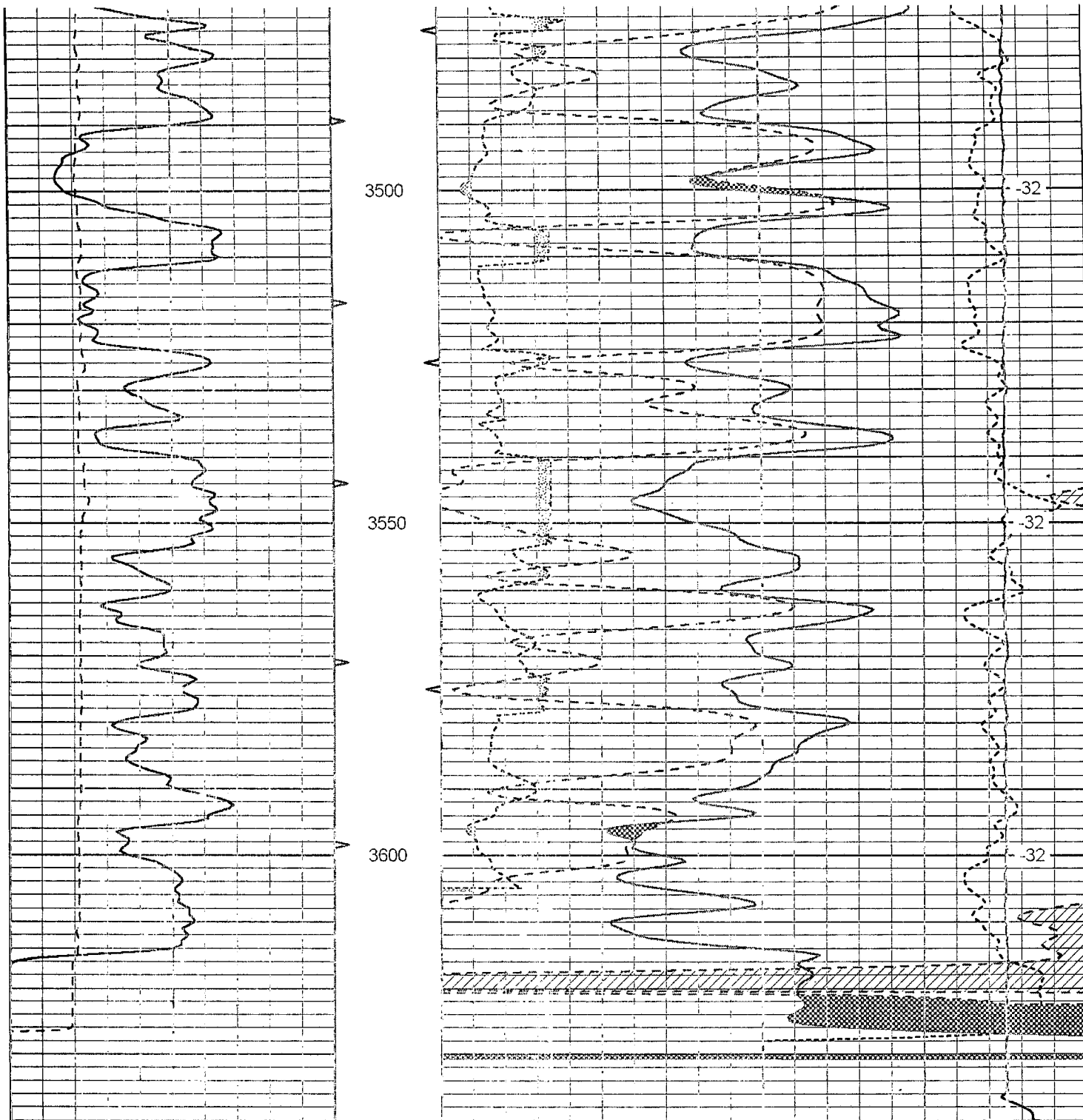








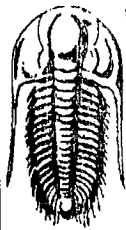




0	Gamma Ray	150
6	Caliper (GAPI)	16

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Meridian Energy Inc.
 1475 Ward Dr.
 Franktown, Co 80116
 ATTN: Neal LaFon

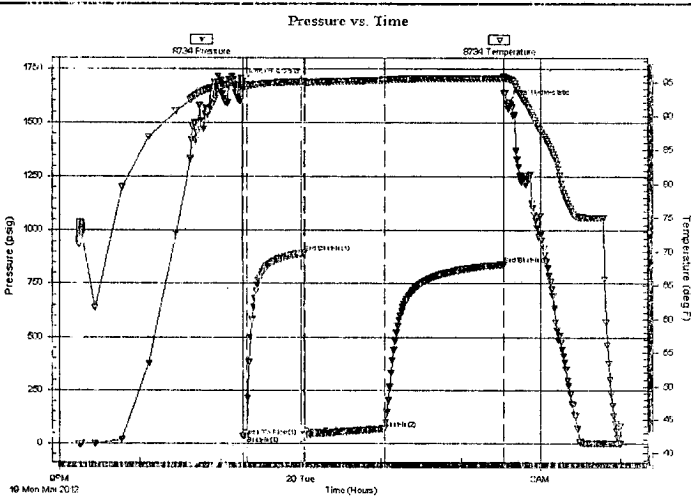
2-1-26 Decatur, Ks
 Helm #1
 Job Ticket: 36072 **DST#: 1**
 Test Start: 2012.03.19 @ 21:14:45

GENERAL INFORMATION:

Formation: **LKC "A-B"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 23:16:45
 Tester: Brian Fairbank
 Time Test Ended: 04:00:15
 Unit No: 41
 Interval: **3310.00 ft (KB) To 3387.00 ft (KB) (TVD)**
 Reference Elevations: 2514.00 ft (KB)
 Total Depth: 3387.00 ft (KB) (TVD)
 2503.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: **8734** **Outside**
 Press@RunDepth: 68.79 psig @ 3316.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.03.19 End Date: 2012.03.20 Last Calib.: 2012.03.20
 Start Time: 21:14:46 End Time: 04:00:15 Time On Btm: 2012.03.19 @ 23:15:45
 Time Off Btm: 2012.03.20 @ 02:34:15

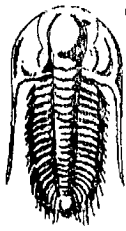
TEST COMMENT: IFF - weak blow throughout sur - 1/4"
 ISI - no blow back
 FFP - no blow 7 min - 1"
 FSI - no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1688.73	94.50	Initial Hydro-static
1	33.13	94.18	Open To Flow (1)
4	35.02	94.25	Shut-In(1)
47	892.65	95.01	End Shut-In(1)
47	38.67	94.73	Open To Flow (2)
107	68.79	95.28	Shut-In(2)
196	839.52	95.51	End Shut-In(2)
199	1587.52	95.56	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
75.00	DRL MUD 100%	0.37
15.00	VSOCM 5%O, 95%M	0.07

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc.
1475 Ward Dr.
Franktown, Co 80116
ATTN: Neal LaFon

2-1-26 Decatur, Ks
Helm #1
Job Ticket: 36072 **DST#: 1**
Test Start: 2012.03.19 @ 21:14:45

Mud and Cushion Information

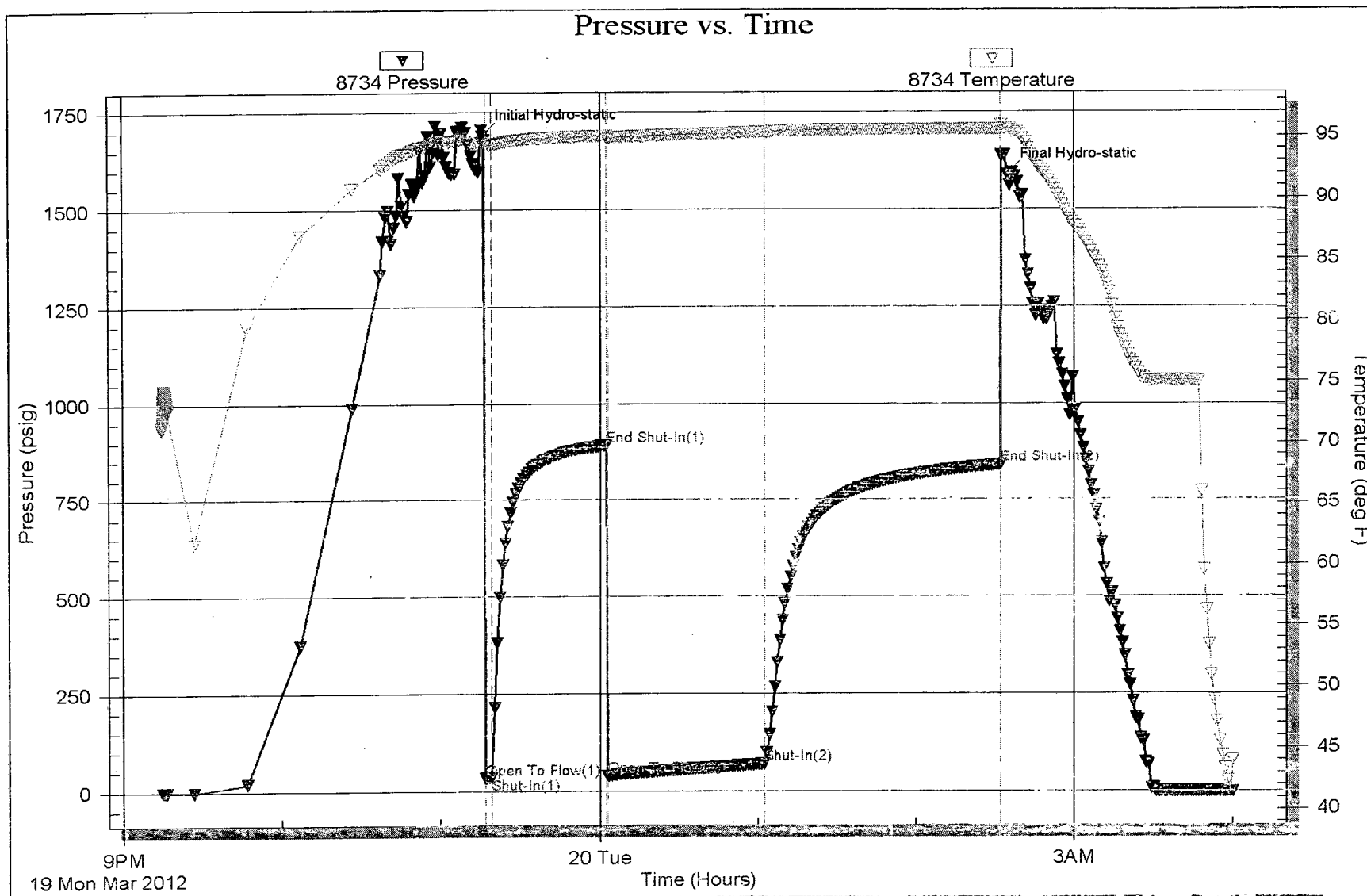
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	DRL MUD 100%	0.369
15.00	VSOCM 5%O, 95%M	0.074

Total Length: 90.00 ft Total Volume: 0.443 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



ALLIED CEMENTING CO., LLC. 042454

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
6000th St

DATE <u>3-21-12</u>	SEC <u>2</u>	TWP <u>1S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30</u>	JOB FINISH <u>4:30</u>
LEASE <u>Helm</u>		WELL # <u>1</u>		LOCATION <u>Norton, KS Hwy 36 W to Rd 17 N</u>		COUNTY <u>Decatur</u>	STATE <u>Kansas</u>
OLD OR (NEW) (Circle one)			<u>1 1/2" 1/4" E SOUTHWEST</u>				

CONTRACTOR Muffin Drilling R.9 21 OWNER _____

TYPE OF JOB Rotary Plug CEMENT _____

HOLE SIZE 12 1/4 T.D. _____ CEMENT AMOUNT ORDERED 220 gals 60% class A

CASING SIZE 4 3/8 DEPTH _____ 40% port 4% gel 1/4 flo-seal

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2000

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Rustin G

396 HELPER Kerry R

BULK TRUCK # 347 DRIVER Brandon Oakley

BULK TRUCK # _____ DRIVER _____

REMARKS:

Fill Hole with Rig Mud

1st Plug 2000 ft 25 gals

2nd Plug 1300 ft 100 gals

3rd Plug 275 ft 40 gals

4th Plug 40 ft 10 gals

Rot Hole 70 gals

Mud Hole 15 gals

CHARGE TO: Meridian Energy INC

STREET _____

CITY _____ STATE _____ ZIP _____

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

PRINTED NAME X Juan Tinoco

SIGNATURE X Juan Tinoco

Thank You!!

COMMON 132 @ 16.25 2145.00

POZMIX 88 @ 8.50 748.00

GEL 8 @ 21.25 170.00

CHLORIDE @ _____

ASC @ _____

Flo Seal 55 @ 2.70 148.50

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 230 @ 2.25 517.50

MILEAGE 230 x 80 x .11 2024.00

TOTAL 5753.00

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 1750.00

EXTRA FOOTAGE @ _____

MILEAGE HUM 50 @ 7.00 560.00

MANIFOLD @ _____

LUM 50 @ 4.00 320.00

_____ @ _____

TOTAL 2130.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 7883.00

DISCOUNT 20% 1576.60 IF PAID IN 30 DAYS

6306.40