



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1243811
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: _____



1243811

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
---	--

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	Prairie Fire Petroleum, LLC
Well Name	Benton-Kiser 1-26
Doc ID	1243811

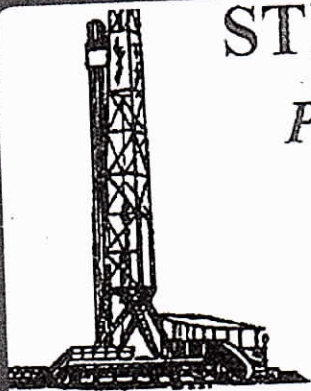
All Electric Logs Run

Dual Induction Log
Compensated Density/Neutron Log
Micro Log
Geologist Report

Form	ACO1 - Well Completion
Operator	Prairie Fire Petroleum, LLC
Well Name	Benton-Kiser 1-26
Doc ID	1243811

Tops

Name	Top	Datum
Anhydrite	2090	+478
Base Anhydrite	2119	+449
Topeka	3273	-705
Heebner Shale	3440	-872
Toronto	3471	-903
Lansing	3480	-912
Base Kansas City	3684	-1116
Arbuckle	3754	-1186
1st Reagan Sand	3802	-1234
2nd Reagan Sand	3808	-1240
3rd Reagan Sand	3814	-1246
Weathered Granite	3821	-1253



STEVEN P. MURPHY, P.G.

Petroleum Geologist (KS #228)

RR#1, Box 69

Otis, Kansas 67565

geomurphy@gbta.net

Cell 620.639.3030

Fax 785.387.2400

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Benton-Kiser #1-26
 API: 15-039-21212-00-00
 Location: Decatur County
 License Number: 34418
 Spud Date: 10/15/14
 Surface Coordinates: 780' FNL & 1410' FWL (Approx NW SW NE NW)
 Section 26-T2S-R26W
 Bottom Hole Coordinates: Vertical Well (Approximately same as above)
 Ground Elevation (ft): 2558' K.B. Elevation (ft): 2568'
 Logged Interval (ft): 3100' To: TD Total Depth (ft): RTD-3870'/LTD-3874'
 Formation: Topeka through pC Granite
 Type of Drilling Fluid: Chemical (Kansas Drilling Technologies - Kenn Rupp)
 Region: Kansas
 Drilling Completed: 10/23/14

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

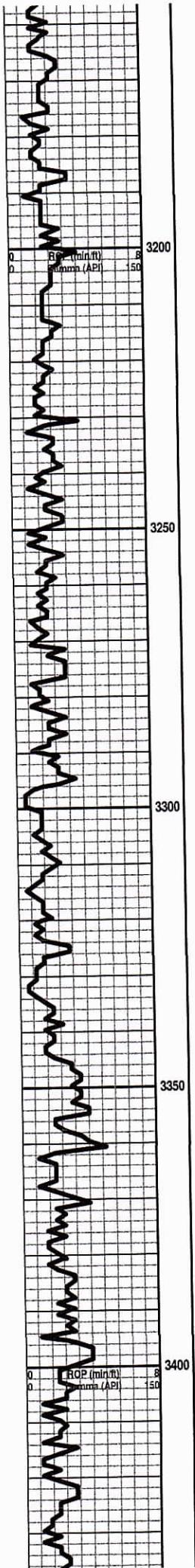
Company: Prairie Fire Petroleum, LLC
 Address: P.O. Box 38
 Norton, KS 67654-0038

GEOLOGIST

Name: Steven P. Murphy, PG (KS License #228)
 Company: Consulting Petroleum Geologist
 Address: 3365 CR 390
 Otis, KS 67565

LogTops (Datum)

- Anhydrite Top - 2090 (+478)
- Anhydrite Base - 2119 (+449)
- Topeka - 3273 (-705)
- Heebner - 3440 (-872)
- Toronto - 3471 (-903)
- Lansing - 3480 (-912)
- BKC - 3684 (-1116)
- Arbuckle - 3754 (-1186)
- 1st Reagan Sst - 3802 (-1234)
- 2nd " " - 3808 (-1240)
- 3rd " " - 3814 (-1246)
- Weathered Granite - 3821 (-1253)



SH: blk-gry

SLST: gry-red w/blk sh

LS: crm-gry, vfxln, dense, NS

LS: wht-tan, fxlIn, sl foss, ool in pt, dense, NS

LS: as above

SH: red-bm

SH: as above

LS: crm-gry, fxlIn, foss, dense, NS

LS: as above

SH: red-brn-gry

LS: crm, vfxln, dense, sl chalky, NS

SH: red-bm

LS: wht-crm, vfxln, dense, NS

LS: wht-crm, vfxln, sl foss, chalky, dense, NS

LS: as above

SH: red-brn, gummy

LS: crm-tan, vfxln, dense, NS

SH: red-brn-gm

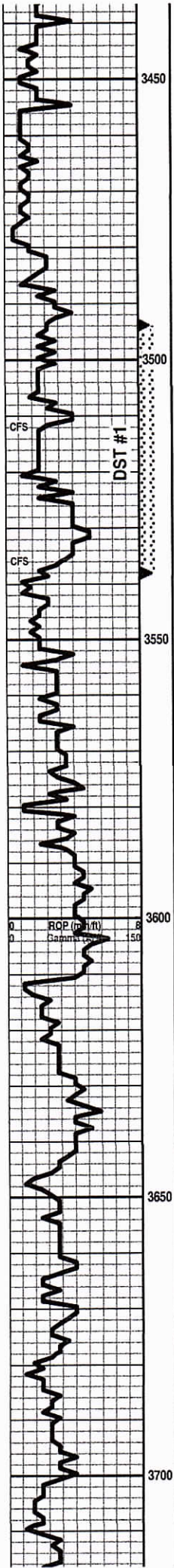
LS: crm-gry, dense, sl chalky, NS

TOPEKA 3280 (-712)

(Wash red)

"

Wash red



LS: wht-tan, fxlIn, sl ool, pr ppt por, NS

SH: blk, carb

HEEBNER 3446 (-878)

SH: red-brn-gry, gummy

SH: as above

TORONTO 3479 (-911)

LS: crm-tan, vfxln, sl ool, dense, NS

LANSING 3487 (-919)

- LS: wht-crm, fxlIn, ool, pr vug por, ssfo (hvy, asphaltic, bleeding), no odor

Strap @ 3536' - 3.60' long to board

DST #1 3494-3536 (LKC "A-B")

15:15:15:15

IF: Wk surf blow died in 5 min, NR

FF: NB, NR

Recovery: 5' Mud

IHP: 1784 FHP: 1741

IFP: 18-21 ISIP: 151

FFP: 20-21 FSIP: 199

BHT - 100 F

- LS: crm-gry, fxlIn, ool, pr-fr ppt por, tr lite spotty stn, nsfo, no odor

SH: red-gm-brn

- LS: crm-gry, fxlIn, much dense, sl chalky, some w/fr ppt & vug por, ssfo, spotty lite stn, fr odor

SH: red-gry-gm-brn

LS: wht-crm-gry, f-vfxln, ool, mostly dense, rare ft inxln por, NS

SH: red-gry-blk

LS & SH: as above

- LS: wht-gry, vfxln, dense, ool in pt, pr ppt por, nsfo, tr stn 1 pc, no odor

LS: crm-tan, vfxln, dense, NS

BKC 3678 -1110)

LS: wht-gry, vfxln, dense, NS

LS: as above w/red-gry sh

SH: as above

LS: wht-gry, vfxln, dense, NS

LS: as above

SH: gry-red

LS: crm-tan-gry, vfxln, dense, NS

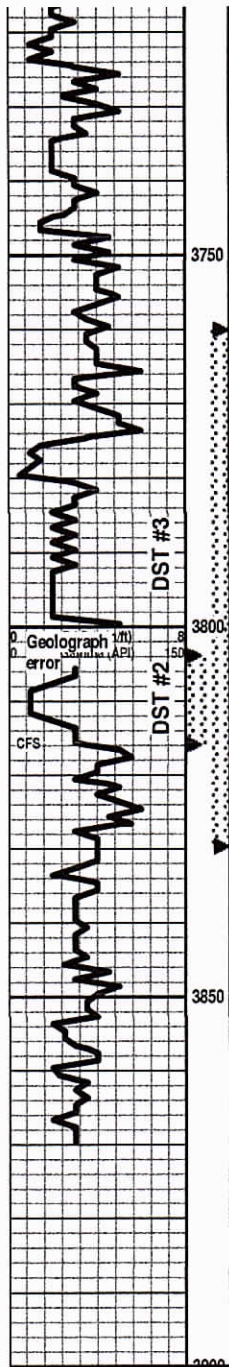
LS: as above

SH: red-gry-brn

SH: as above

LS: wht-pink, vfxln, sl ool, dense, NS

SH: red-gry-brn



Mix wht-tan chalky, LS & sh: as above

LS & SH: as above

DOL: wht-crm-pink, vf-mxln, dense, sandy, sl glauc, NS

ARBUCKLE 3757 (-1189)

DOL: as above

SH: red w/DOL: as above

DST #2 3804-3816 (Reagan Sd)

15:15:15:15

IF: Wk surf blow died in 4 min, NR

FF: NB, NR

Recovery: 2' mud

Misrun, tool plugging or tool failure???

SH & DOL: as above

- SST: clr, m-cgr, sub-rd, prly std, fr inter-gm por, fsfo (hvy), sl odor

REAGAN SD 3807 (-1239)

(Bringing up red-gry shale, slough fr sitting so long)

IGN: Granite, pink, weathered to dense with biotite inclusions (Shale flood - red-gry)

GRANITE 3817 (-1249)

Granite: as above with red-gry shale flood

DST #3 Straddle 3760-3830 (Reagan Ss)

30:30:30:45

IF: Slow build to 2" blow, NR

FF: Slow build to 1" blow, NR

Recovery: 75' OCM (5% O, 95% M)

IHP: 1992 FHP: 1980

IFP: 44-64 ISIP: 997

FFP: 65-71 FSIP: 1002

BHT - 103 F

Granite & SH flood: as above

Deviation @ 3870' - 1/2 degree

RTD - 3870'

LTD - 3874'



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Praire Fire Petroleum, LLC
P.O. Box 38
Norton Ks 67654
ATTN: Steve Murphy

26-2S-26W
Benton-Kiser #1-26
Job Ticket: 58339 **DST#: 1**
Test Start: 2014.10.19 @ 14:29:00

GENERAL INFORMATION:

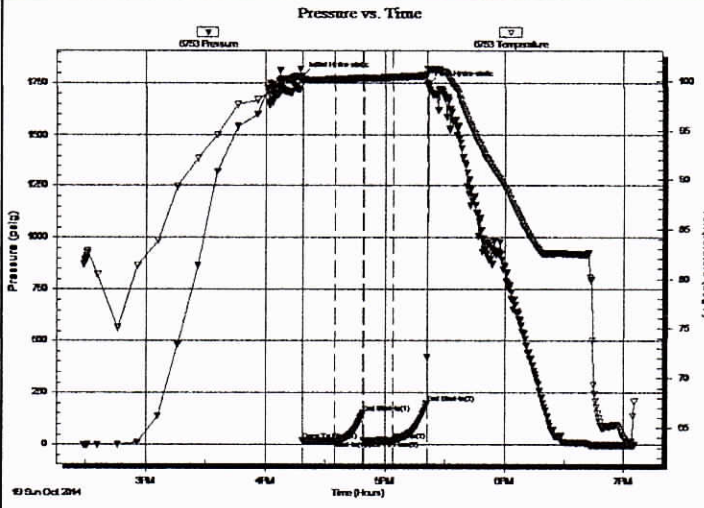
Formation: **Lans - 'A & B'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:19:00
Time Test Ended: 19:05:30
Test Type: Conventional Bottom Hole (Initial)
Tester: Royal Fisher
Unit No: #54
Interval: **3494.00 ft (KB) To 3536.00 ft (KB) (TVD)**
Reference Elevations: 2568.00 ft (KB)
Total Depth: 3536.00 ft (KB) (TVD) 2555.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 6753

Inside

Press@RunDepth: 21.77 psig @ 3495.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.10.19 End Date: 2014.10.19 Last Calib.: 2014.10.19
Start Time: 14:29:05 End Time: 19:05:29 Time On Btm: 2014.10.19 @ 16:18:45
Time Off Btm: 2014.10.19 @ 17:21:30

TEST COMMENT: 15 - IF - Started with a weak surface blow then died off in 5 min.
15 - ISI - No Return
15 - FF - No Surface blow
15 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1784.88	100.47	Initial Hydro-static
1	18.48	99.93	Open To Flow (1)
16	21.10	100.13	Shut-In(1)
31	151.45	100.27	End Shut-In(1)
31	20.72	100.22	Open To Flow (2)
46	21.77	100.34	Shut-In(2)
63	199.99	100.53	End Shut-In(2)
63	1741.03	101.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - 100m	0.02

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Praire Fire Petroleum, LLC

26-2S-26W

P.O. Box 38
Norton Ks 67654

Benton-Kiser #1-26

ATTN: Steve Murphy

Job Ticket: 58339 **DST#: 1**
Test Start: 2014.10.19 @ 14:29:00

GENERAL INFORMATION:

Formation: **Lans - 'A & B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:19:00

Time Test Ended: 19:05:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: **3494.00 ft (KB) To 3536.00 ft (KB) (TVD)**

Reference Elevations: 2568.00 ft (KB)

Total Depth: 3536.00 ft (KB) (TVD)

2555.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8368

Press@RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.19

End Date: 2014.10.19

Last Calib.: 2014.10.19

Start Time: 14:29:05

End Time: 19:05:29

Time On Btm:

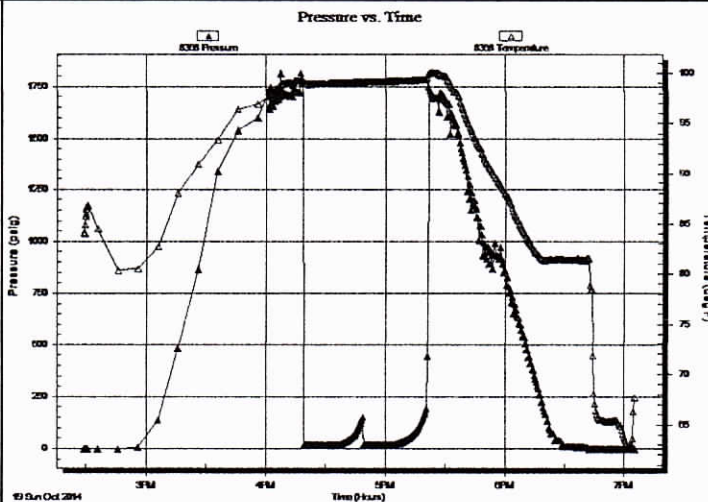
Time Off Btm:

TEST COMMENT: 15 - IF - Started with a weak surface blow then died off in 5 min.

15 - ISI - No Return

15 - FF - No Surface blow

15 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - 100m	0.02

Gas Rates

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

Serial #: 6753

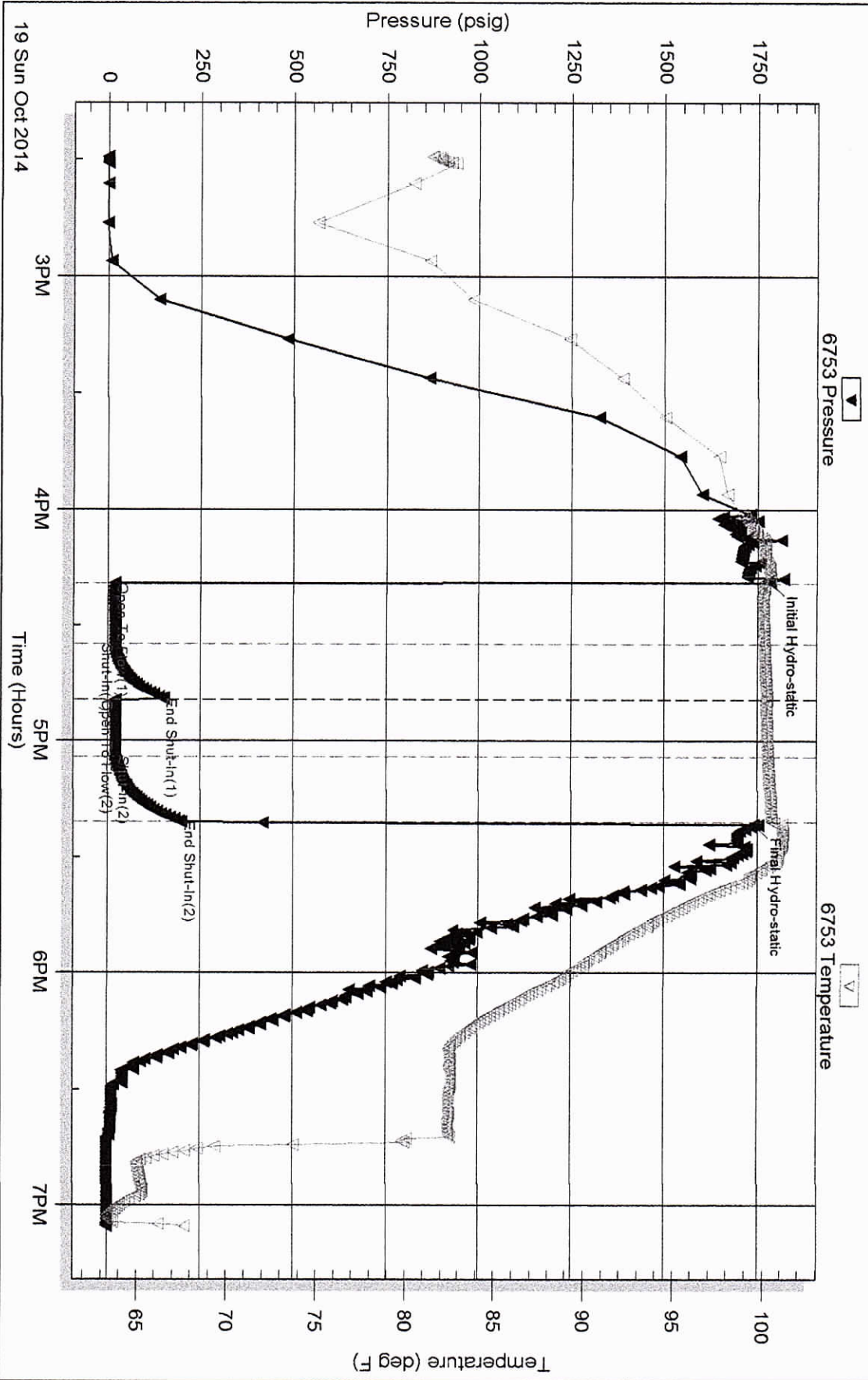
Inside

Prairie Fire Petroleum, LLC

Benton-Kiser #1-26

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 58339

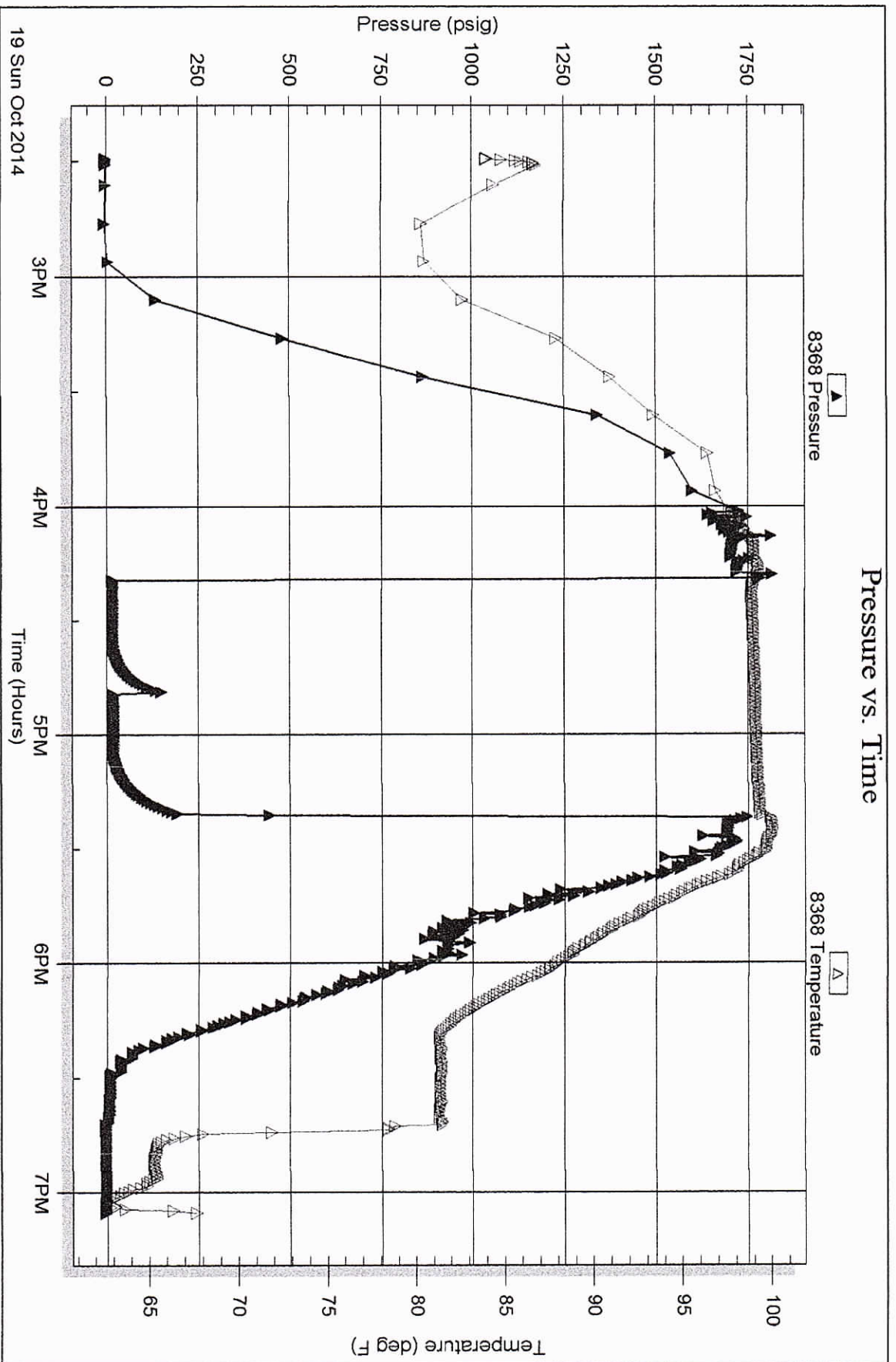
Printed: 2014.10.19 @ 19:51:02

Serial #: 8368

Prairie Fire Petroleum, LLC

Benton-Kiser #1-26

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 58339

Printed: 2014. 10. 19 @ 19:51:02



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Praire Fire Petroleum, LLC

26-2S-26W

P.O. Box 38
Norton Ks 67654

Benton-Kiser #1-26

Job Ticket: 58340

DST#: 2

ATTN: Steve Murphy

Test Start: 2014.10.20 @ 15:46:00

GENERAL INFORMATION:

Formation: **Reagon Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:51:45

Time Test Ended: 20:46:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: **3804.00 ft (KB) To 3816.00 ft (KB) (TVD)**

Total Depth: 3816.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2568.00 ft (KB)

2555.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6753

Inside

Press@RunDepth: psig @ 3805.00 ft (KB)

Start Date: 2014.10.20

End Date: 2014.10.20

Capacity: 8000.00 psig

Last Calib.: 2014.10.20

Start Time: 15:46:05

End Time: 20:46:29

Time On Btm: 2014.10.20 @ 17:51:30

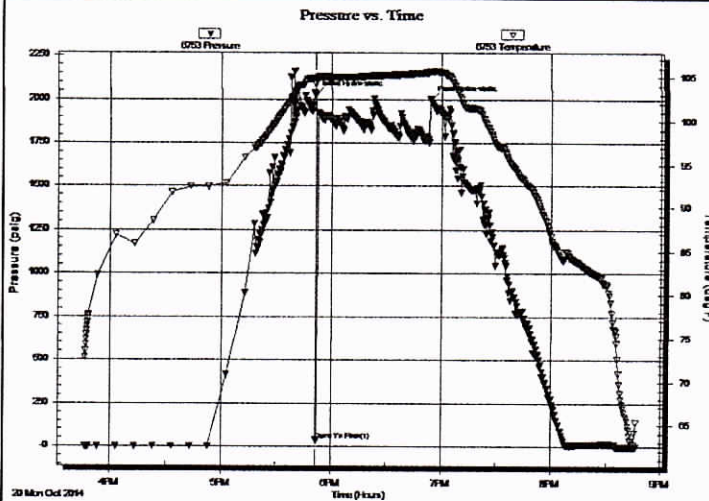
Time Off Btm: 2014.10.20 @ 18:54:00

TEST COMMENT: 15 - IF - Started with a weak surface blow then died off in 4 min.

15 - ISI - No Return

15 - FF - No Surface blow

15 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2026.40	104.92	Initial Hydro-static
1	37.64	104.18	Open To Flow (1)
63	1998.73	105.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud - 100M	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prairie Fire Petroleum, LLC

26-2S-26W

P.O. Box 38
Norton Ks 67654

Benton-Kiser #1-26

Job Ticket: 58340

DST#: 2

ATTN: Steve Murphy

Test Start: 2014.10.20 @ 15:46:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	67.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.99 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud - 100M	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

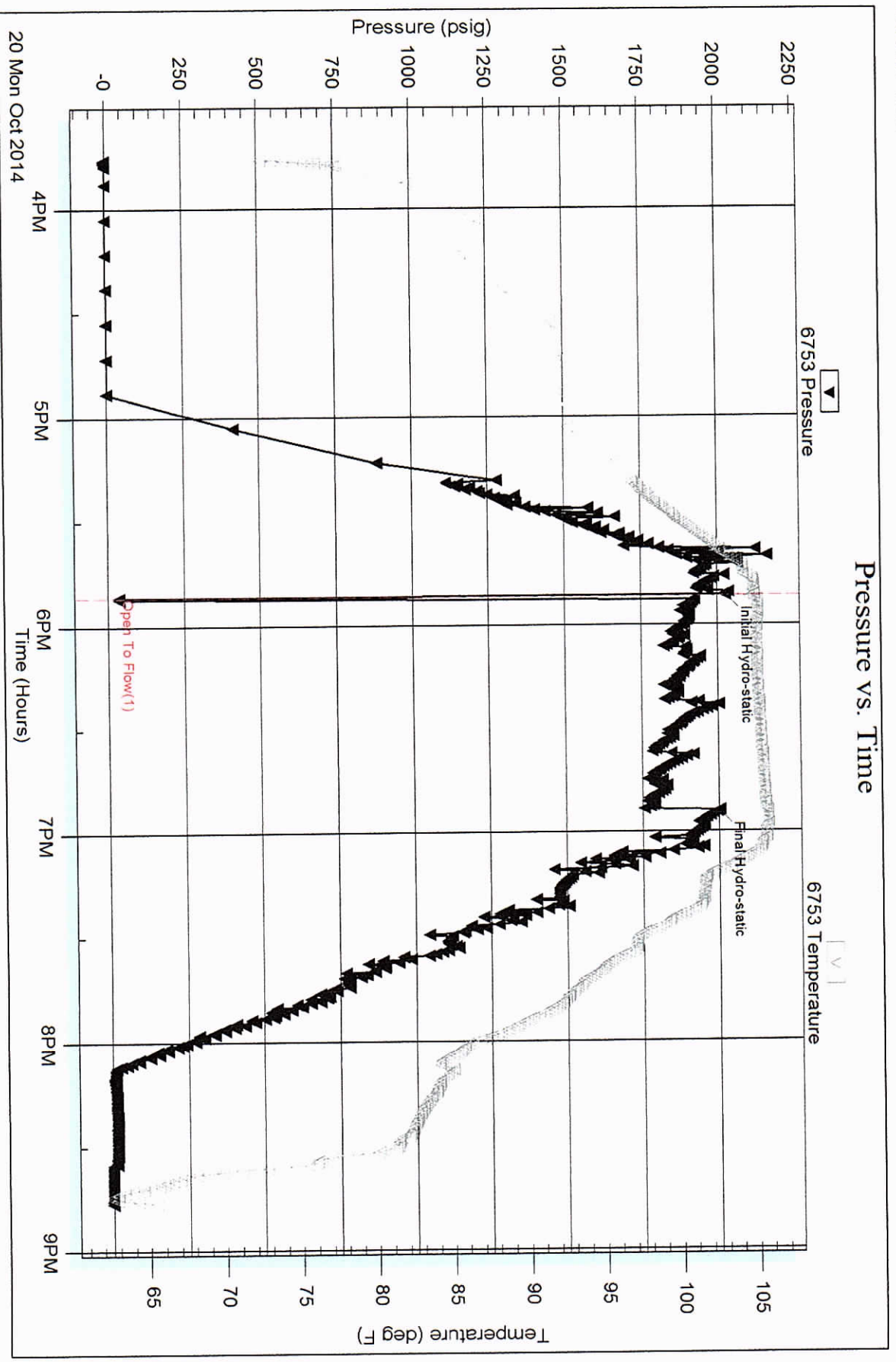
Serial #: 6753

Inside

Prairie Fire Petroleum, LLC

Benton-Kiser #1-26

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Praire Fire Petroleum, LLC

26-2S-26W Decatur KS

P.O. Box 38
Norton Ks 67654

Benton-Kiser #1-26

Job Ticket: 60035 **DST#: 3**

ATTN: Steve Murphy

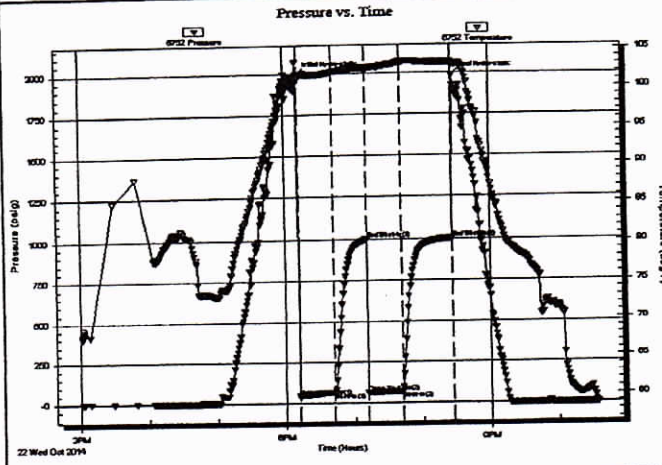
Test Start: 2014.10.22 @ 15:02:00

GENERAL INFORMATION:

Formation: **Regan SST**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:11:45
 Time Test Ended: 22:33:45
 Interval: **3760.00 ft (KB) To 3830.00 ft (KB) (TVD)**
 Total Depth: 3874.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 78
 Reference Elevations: 2568.00 ft (KB)
 2555.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6752 Inside
 Press@RunDepth: 70.67 psig @ 3761.00 ft (KB)
 Start Date: 2014.10.22 End Date: 2014.10.22
 Start Time: 15:02:00 End Time: 22:33:45
 Capacity: 8000.00 psig
 Last Calib.: 2014.10.22
 Time On Btrm: 2014.10.22 @ 18:11:30
 Time Off Btrm: 2014.10.22 @ 20:27:15

TEST COMMENT: 30 IF - 1" blow built to 2"
 30 IS - No return
 30 FF - Surface blow started @ 6 mins built to 1"
 45 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.32	101.24	Initial Hydro-static
1	43.63	100.90	Open To Flow (1)
31	64.45	101.93	Shut-in(1)
60	997.38	102.43	End Shut-in(1)
60	65.23	101.93	Open To Flow (2)
90	70.67	103.17	Shut-in(2)
135	1002.07	103.07	End Shut-in(2)
136	1980.09	102.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	OCCM - 5%O - 95%M	0.51

Gas Rates

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

* Recovery from multiple tests

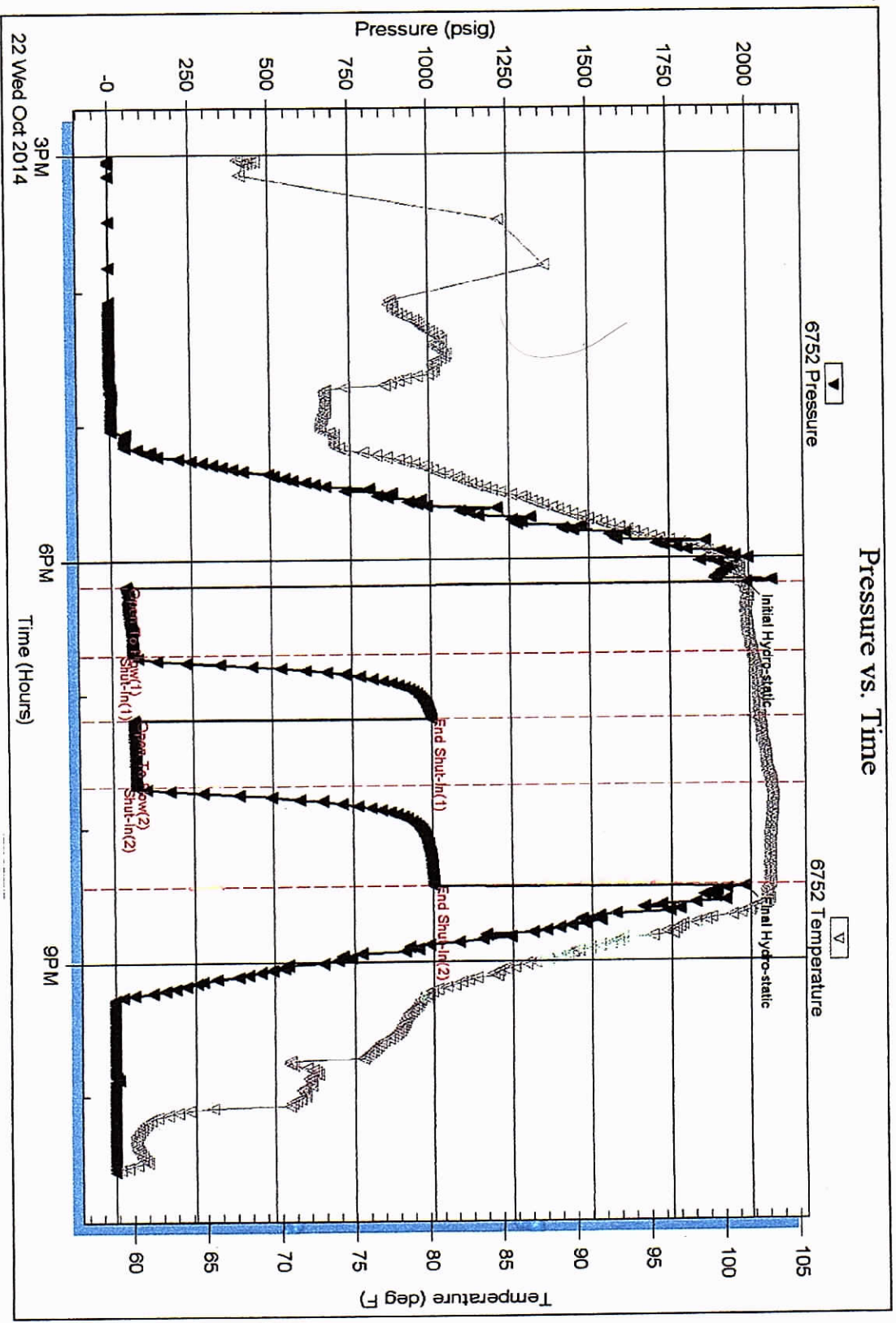
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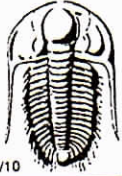
Inside

Prairie Fire Petroleum, LLC

Benton-Kiser #1-26

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 00033

4/10

Well Name & No. Burton 1-10-1-1 Test No. 3 Date 11/20/11
 Company Energy Services, Inc. Elevation 3548 KB 2505 GL
 Address 500 E. 24th North, Hays, KS 67601
 Co. Rep / Geo. Tommy Hays Rig 11-1-1
 Location: Sec. 22 Twp. 22S Rge. 22W Co. Barton State KS

Interval Tested 1700-2720 Zone Tested Oil Zone
 Anchor Length 20 Drill Pipe Run 3695' Mud Wt. 9.4
 Top Packer Depth 2720/2740 Drill Collars Run 10 Vis 50
 Bottom Packer Depth 2800 Wt. Pipe Run 1 WL 8.0
 Total Depth 2820 Chlorides 2000 ppm System LCM 2
 Blow Description TI - 1 min. full to 2
TI - 10 min. full to 1
TI - 10 min. full to 1
TI - 10 min. full to 1

Rec	Feet of	%gas	%oil	%water	%mud
75	0.00			95	

Rec Total 75 BHT 100° Gravity API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 1492 Test T-On Location 11-1-1
 (B) First Initial Flow 44 Jars T-Started 15.00
 (C) First Final Flow 24 Safety Joint T-Open 15.10
 (D) Initial Shut-In 997 Circ Sub NC T-Pulled 20.05
 (E) Second Initial Flow 25 Hourly Standby T-Out 22.30
 (F) Second Final Flow 71 Mileage 34 FT Comments
 (G) Final Shut-In 1002 Sampler
 (H) Final Hydrostatic 1480 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total
 Day Standby Total
 Accessibility MP/DST Disc't
 Sub Total

Approved By _____ Our Representative Tommy Hays

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company PRAIRIE FIRE PETROLEUM, LLC
Well BENTON-KISER #1-26
Field WILDCAT
County DECATUR
State KANSAS

Company PRAIRIE FIRE PETROLEUM, LLC
Well BENTON-KISER #1-26
Field WILDCAT
County DECATUR State KANSAS

Location: API #: 15-039-21212-00-00
780' FNL & 1410' FWL
NW - SW - NE - NW
SEC 26 TWP 2S RGE 26W
Permanent Datum GROUND LEVEL Elevation 2558
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CNL/CDL
DIL
Elevation
K.B. 2568
D.F. 2566
G.L. 2558

Date	10/22/14		
Run Number	TWO		
Depth Driller	3870		
Depth Logger	3874		
Bottom Logged Interval	3872		
Top Log Interval	3100		
Casing Driller	8 5/8 @ 264'		
Casing Logger	266'		
Bit Size	7.875		
Type Fluid In Hole	CHEMICAL MUD		
Density / Viscosity	9.5 / N/A	CHLORIDES 1,000 PPM	
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.60 @ 76F		
Rmf @ Meas. Temp	1.20 @ 76F		
Rmc @ Meas. Temp	1.92 @ 76F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	1.06 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	STEVEN P. MURPHY		

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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

NABORS COMPLETION & PRODUCTION SERVICES CO.
785 (628 - 6395)

THANK YOU FOR YOUR BUSINESS

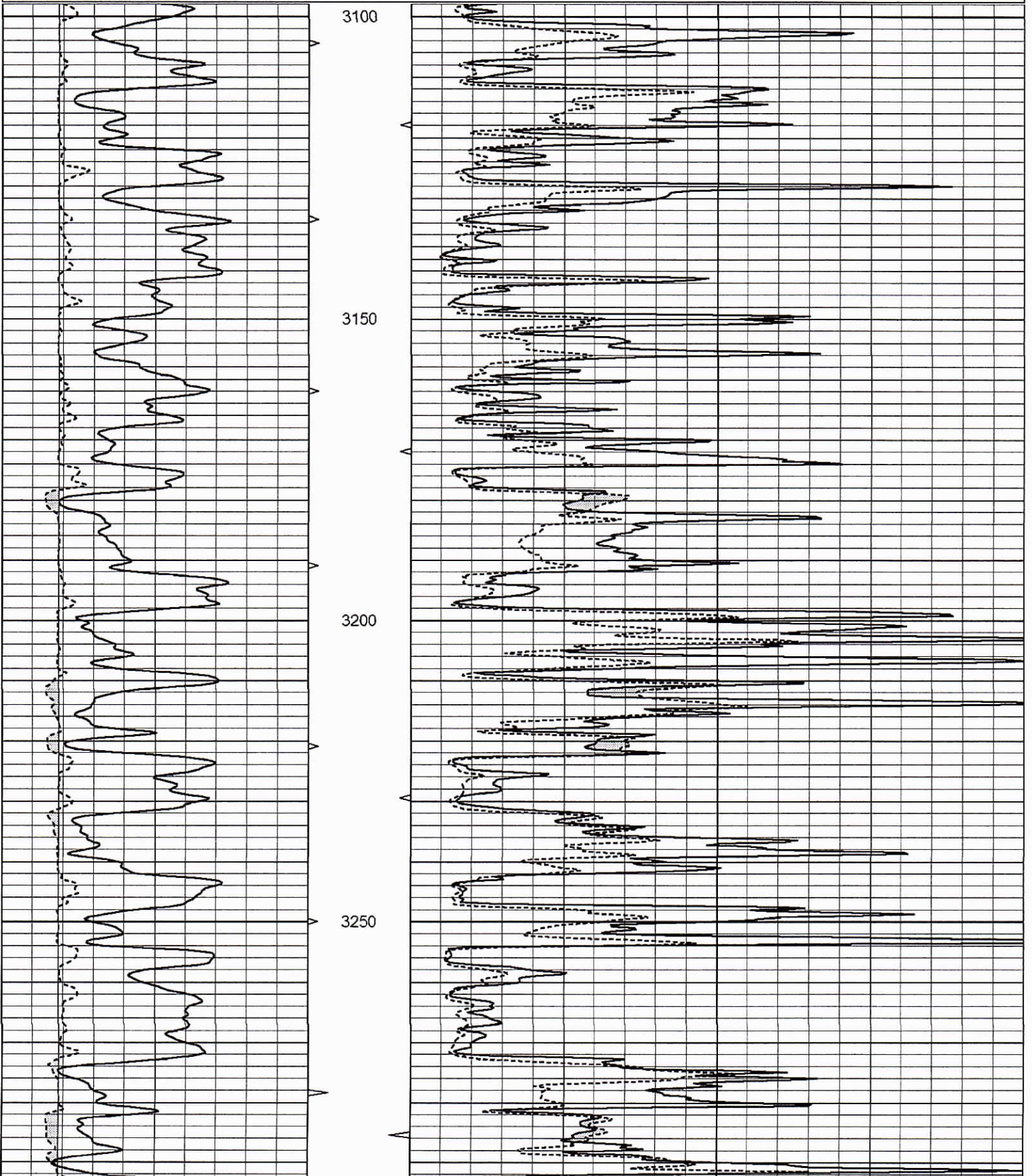
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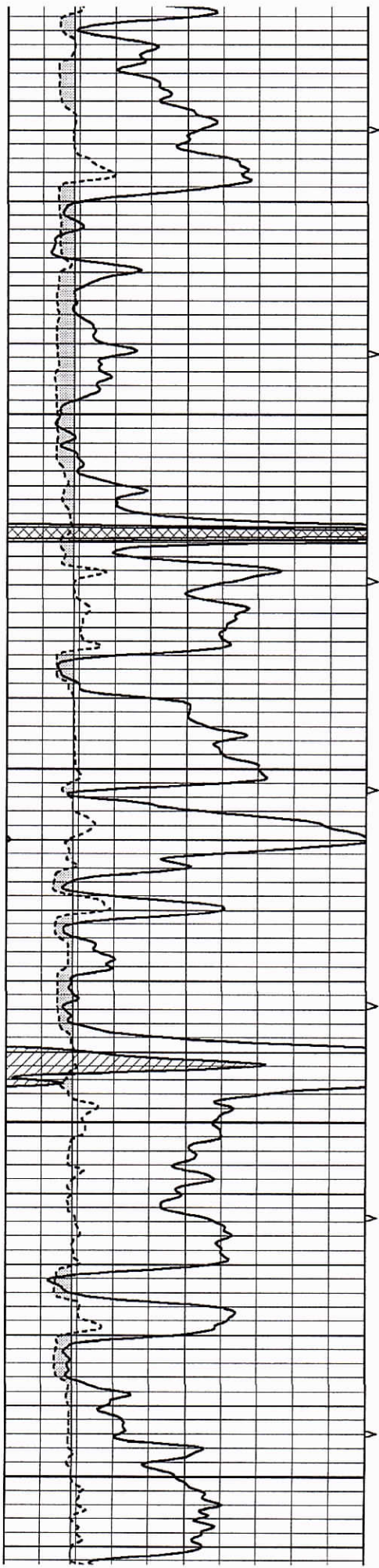
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Dataset Pathname: pass6.1
Presentation Format: _micro
Dataset Creation: Wed Oct 22 12:35:26 2014 by Calc Open-Cased 090629

Charted by:

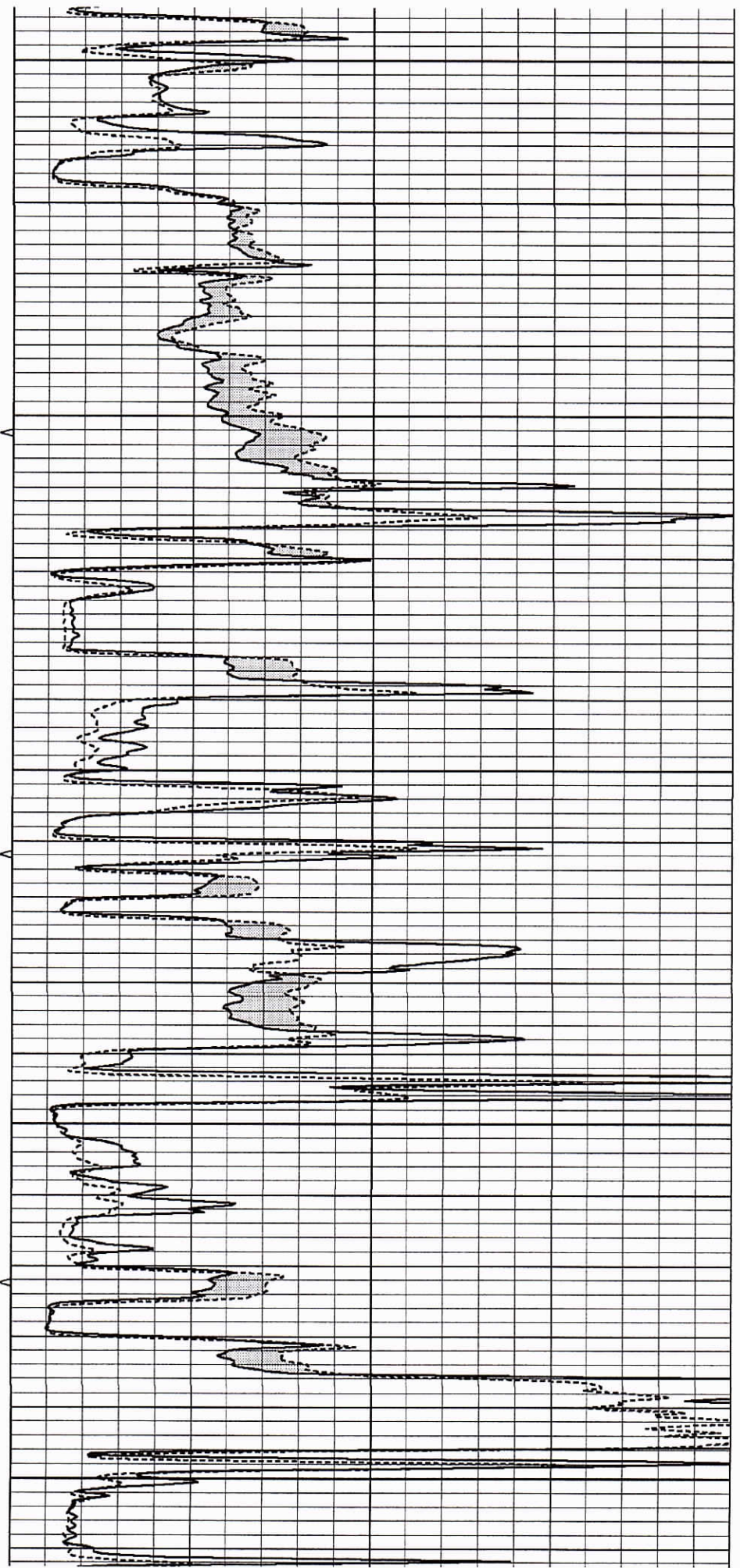
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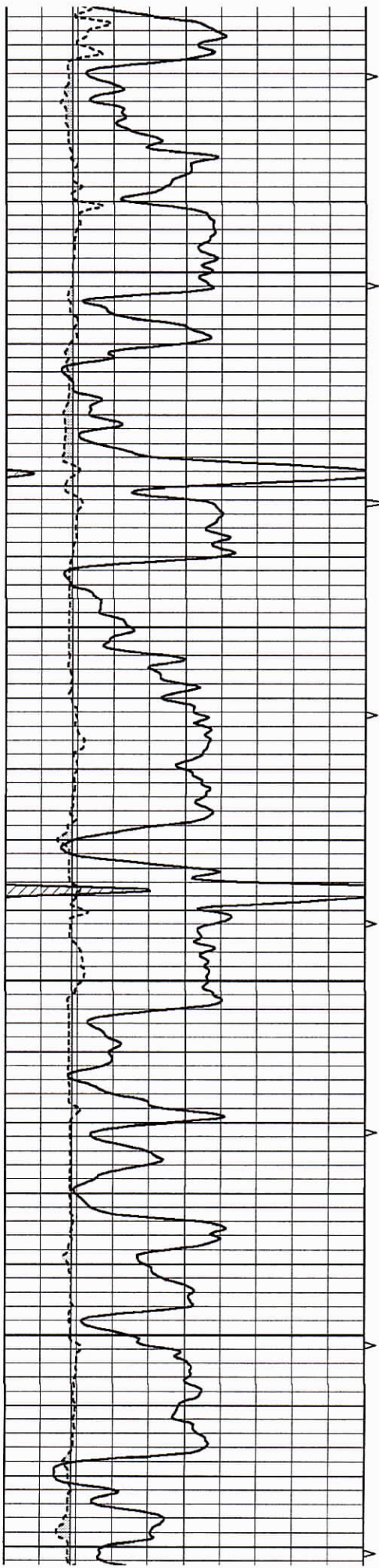
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		





3300
3350
3400
3450
3500



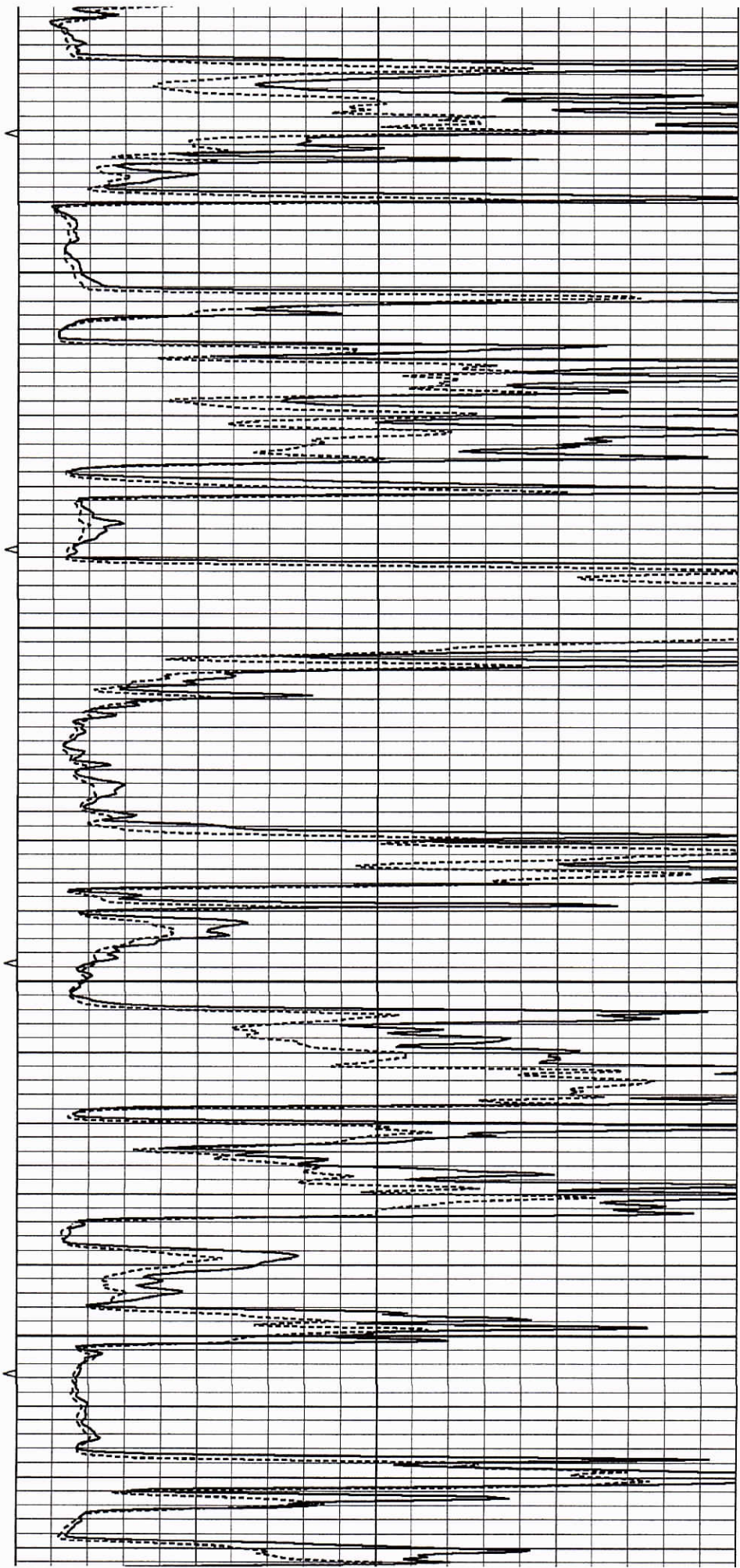


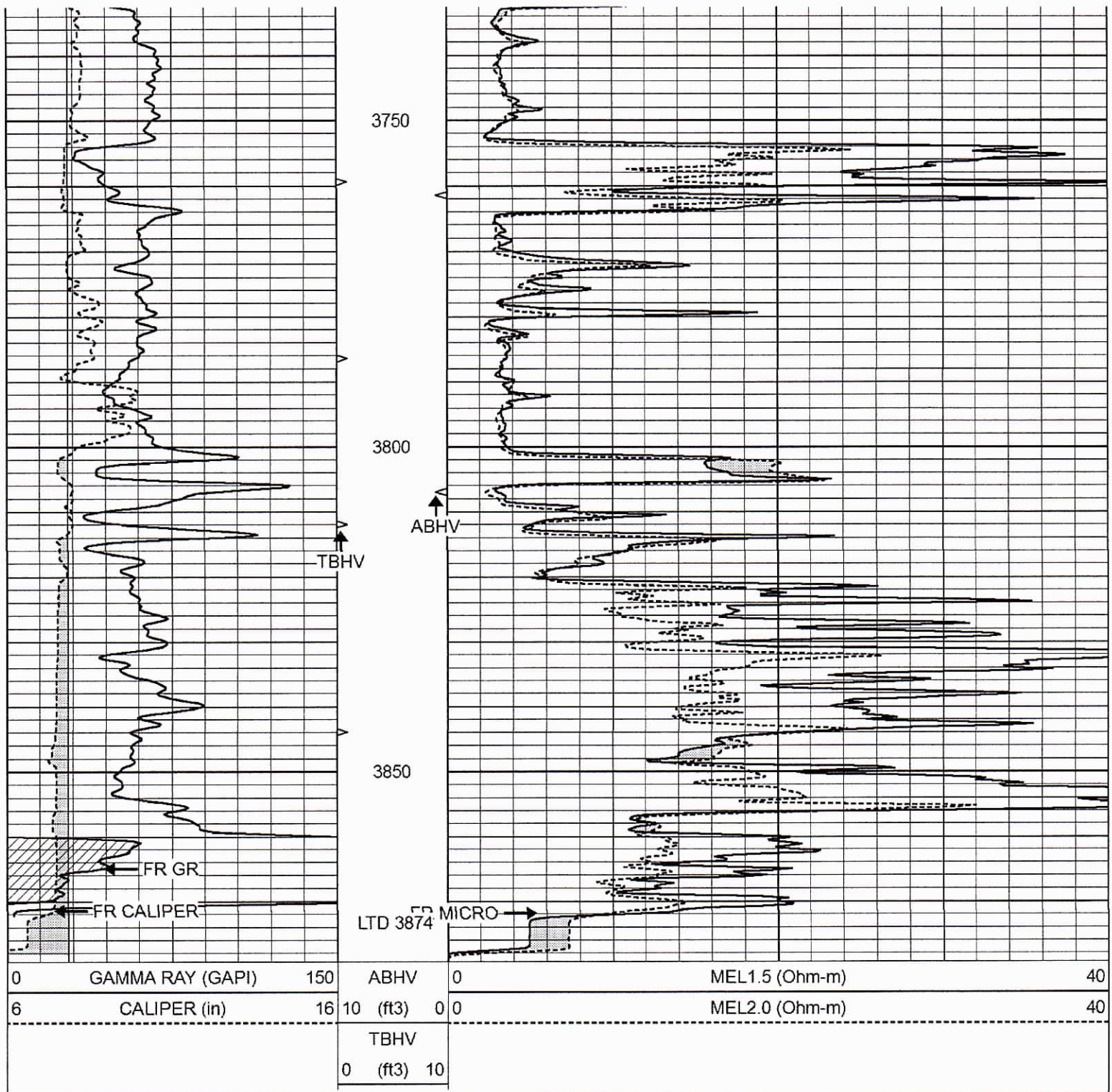
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REPEAT SECTION

Database File: 26242ddn.db
 Dataset Pathname: pass5.2
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 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40

TBHV
0 (ft3) 10

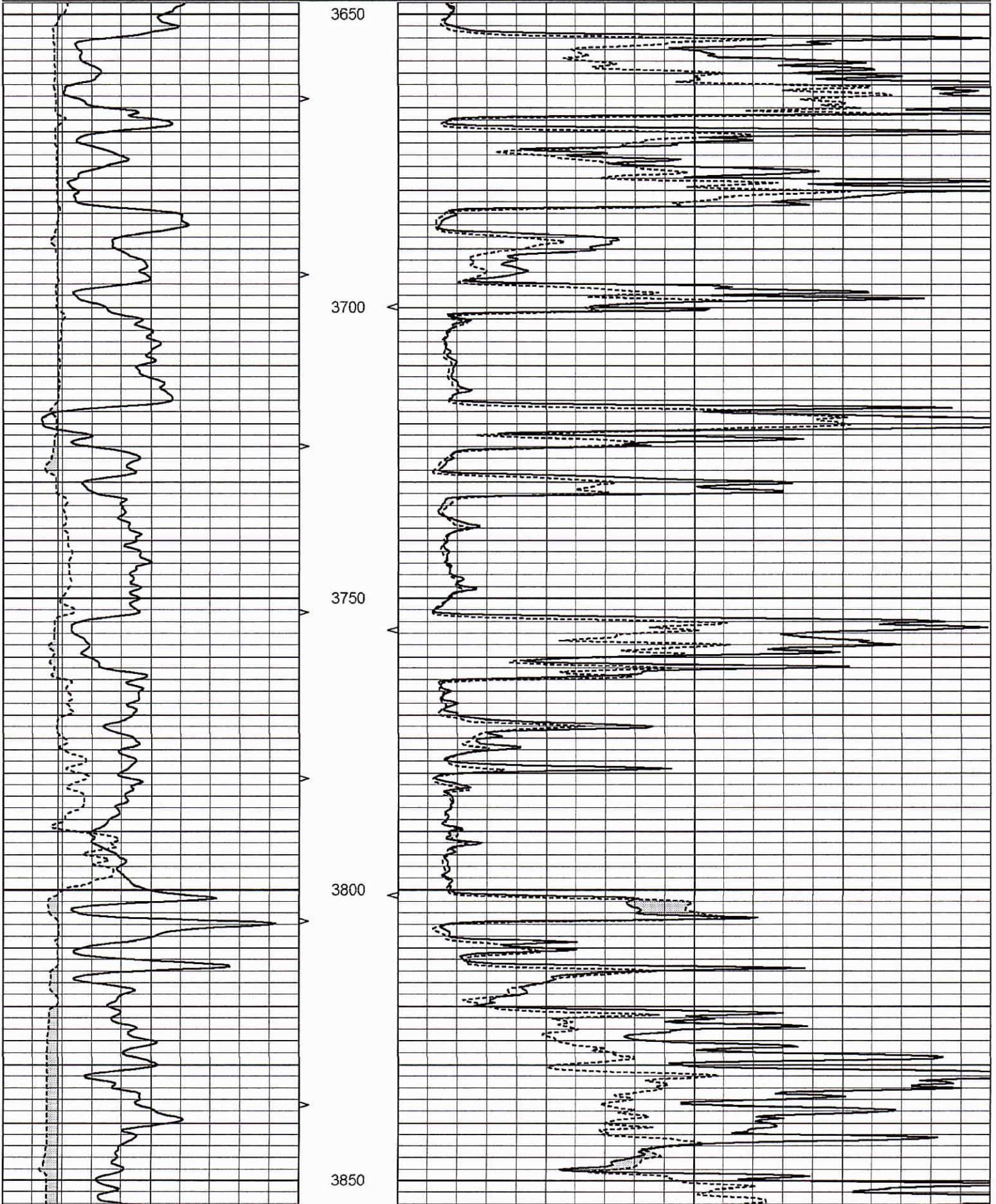
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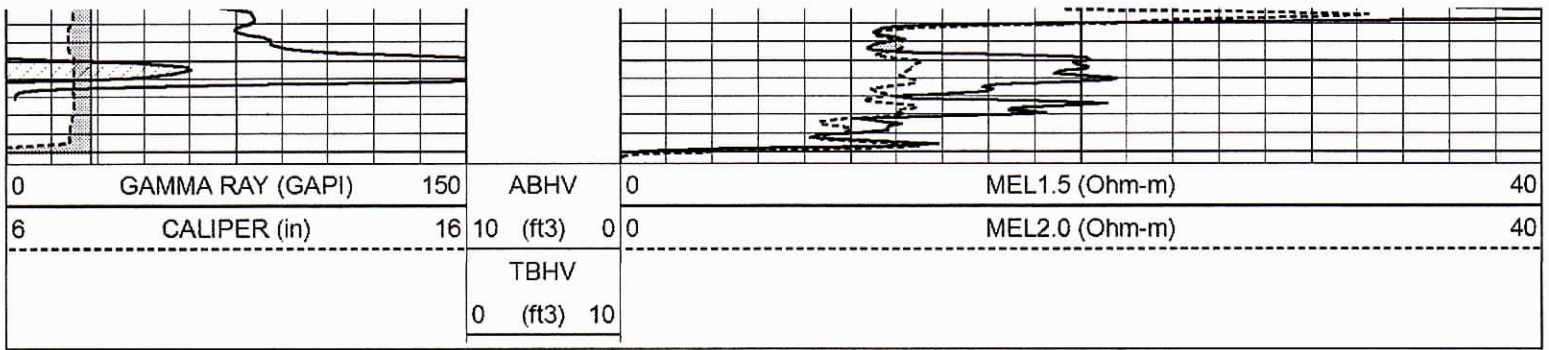
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Calibration Report

Database File: 26242ddn.db
 Dataset Pathname: pass6.1
 Dataset Creation: Wed Oct 22 12:35:26 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: 070910
 Tool Model: ProbeL
 Performed: Wed Oct 22 12:20:53 2014

Caliper Calibration: Gain=5.964 Offset=3.100
 References Low Cal 8.500 High Cal 14.000
 Readings 0.748 1.671

1.5" Calibration: Gain=30.000 Offset=0.000
 References Low Cal 0.000 High Cal 20.000
 Readings 0.004 0.843

2" Calibration: Gain=38.000 Offset=0.100
 References Low Cal 0.000 High Cal 20.000
 Readings 0.021 0.810

Gamma Ray Calibration Report

Serial Number: 7
 Tool Model: Probe1
 Performed: Wed Oct 15 04:41:41 2014
 Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.5000 GAPI/cps



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	PRAIRIE FIRE PETROLEUM, LLC	Company	PRAIRIE FIRE PETROLEUM, LLC
Well	BENTON-KISER #1-26	Well	BENTON-KISER #1-26
Field	WILDCAT	Field	WILDCAT
County	DECATUR	County	DECATUR
State	KANSAS	State	KANSAS
Location:	API #: 15-039-21212-00-00	Other Services	DILMEL
	780' FNL & 1410' FWL NW - SW - NE - NW	Elevation	K.B. 2568 D.F. 2568 G.L. 2558
Permanent Datum	GROUND LEVEL	Elevation	2558
Log Measured From	KELLY BUSHING 10' A.G.L.		
Drilling Measured From	KELLY BUSHING		
	SEC 26 TWP 2S RGE 26W		

Date	10/22/14
Run Number	ONE
Depth Driller	3870
Depth Logger	3874
Bottom Logged Interval	3850
Top Log Interval	3100
Casing Driller	8 5/8 @ 264'
Casing Logger	266'
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.5/ N/A
pH / Fluid Loss	9.5/8.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.60 @ 76F
Rmf @ Meas. Temp	1.20 @ 76F
Rmc @ Meas. Temp	1.92 @ 76F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	1.06 @ 114F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	114F
Equipment Number	3802
Location	HAYS, KS.
Recorded By	IAN MABB
Witnessed By	STEVEN P. MURPHY

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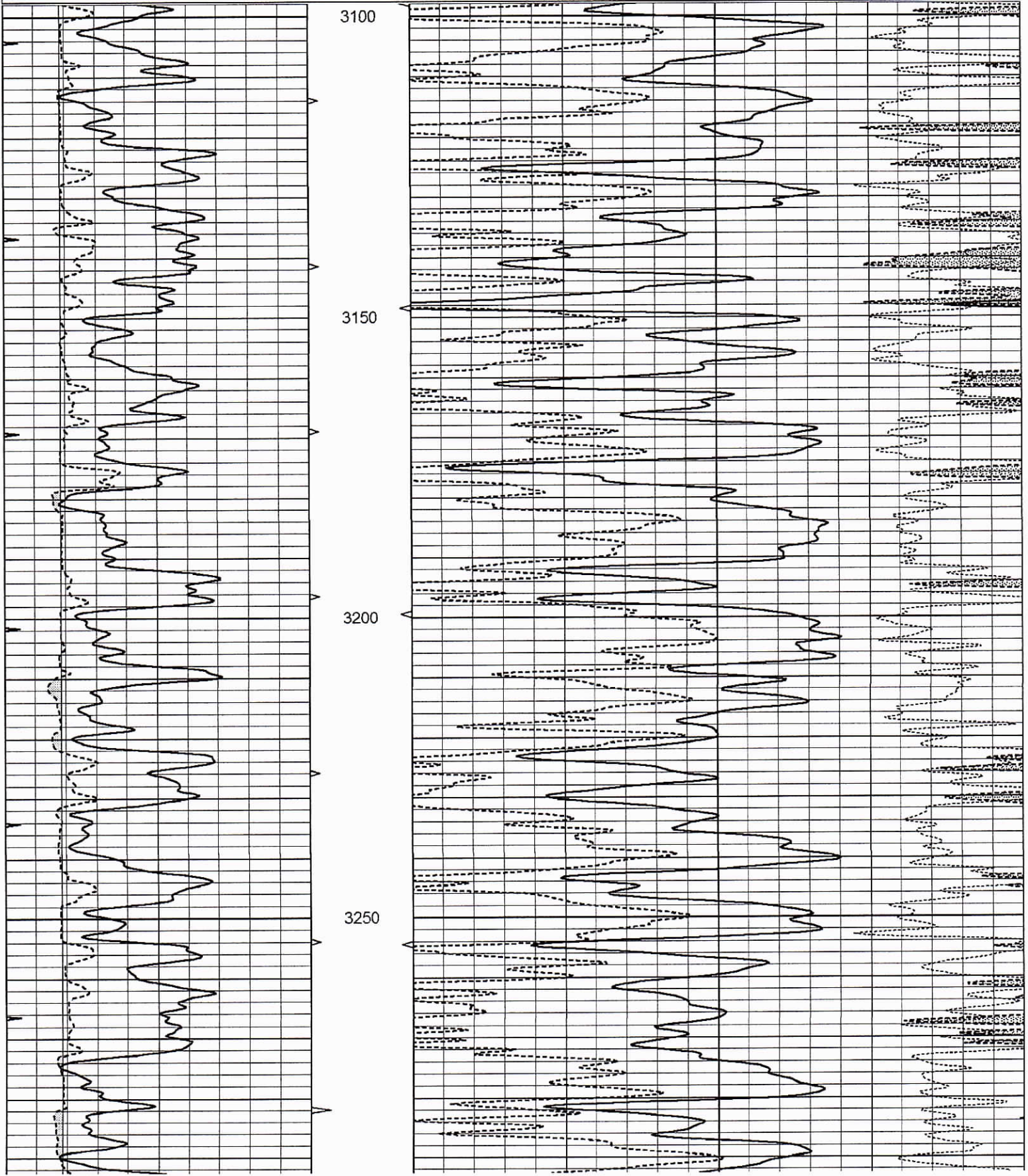
Comments

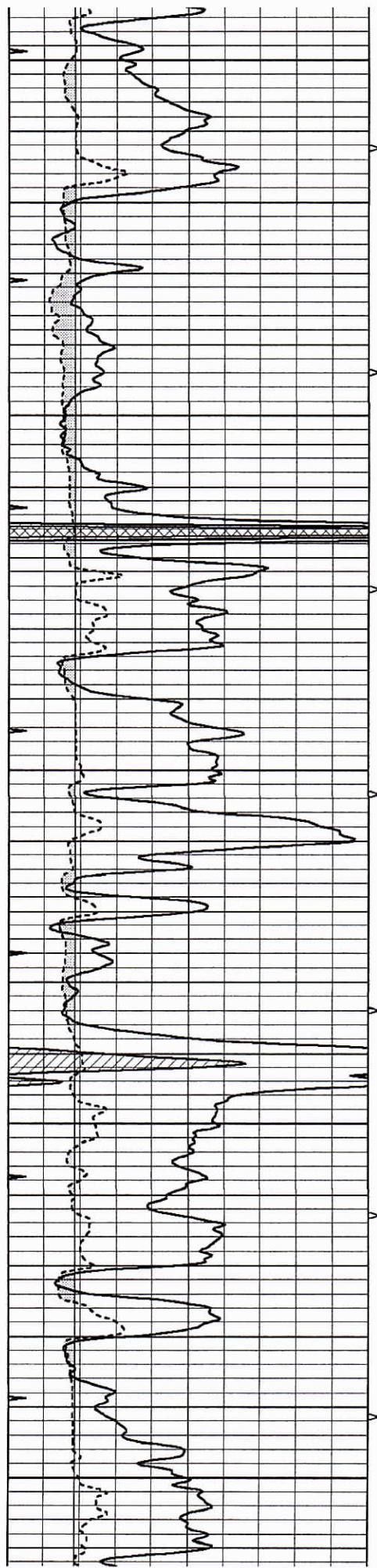
NABORS COMPLETION & PRODUCTION SERVICES CO.
 785 (628 - 6395)
 THANK YOU FOR YOUR BUSINESS
 DIRECTIONS : NORCATUR, KS. - 2 MILES WEST TO RD 509 - 2 MILES NORTH - EAST 1/8 MILE - SOUTH INT

Charted by:

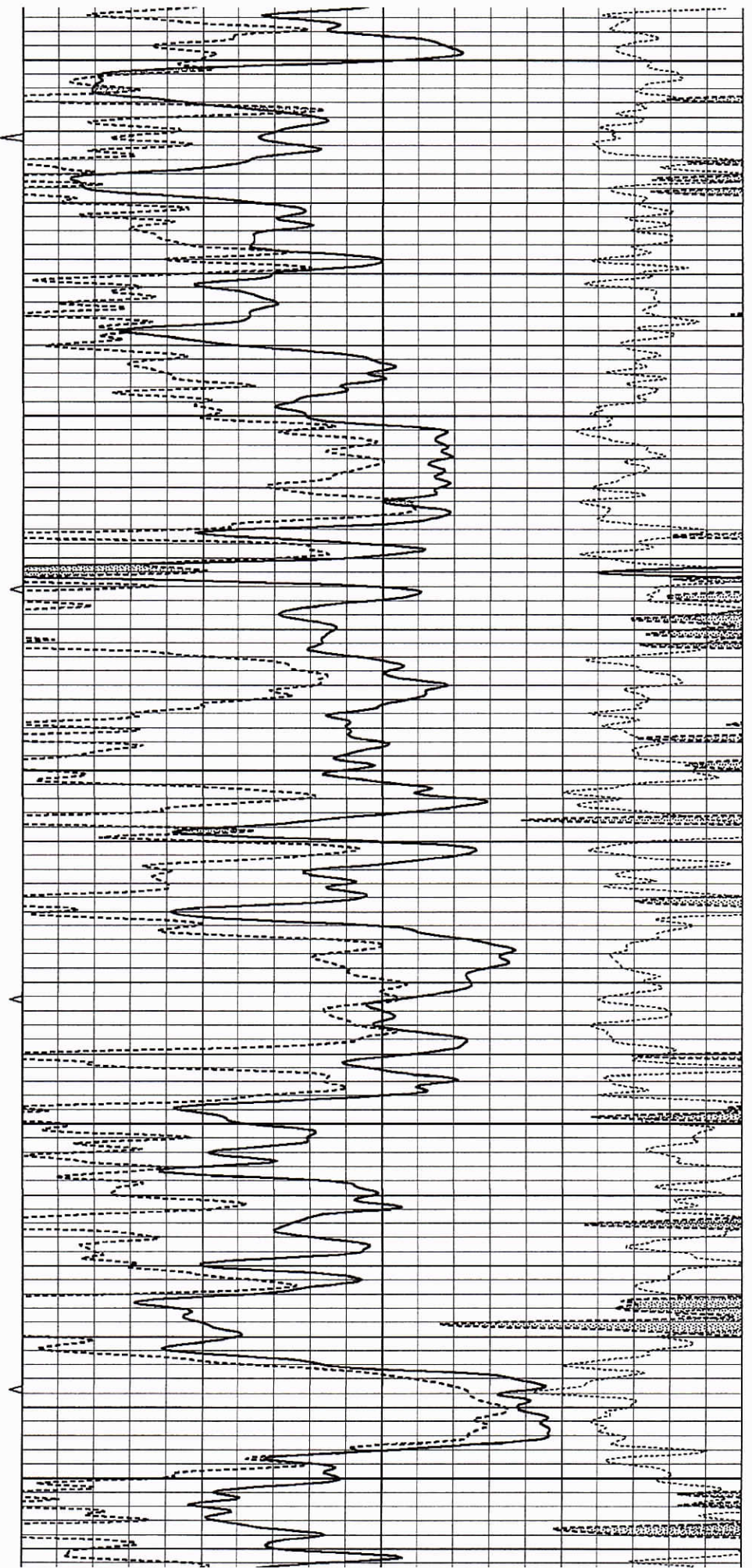
Depth in Feet scaled 1:240

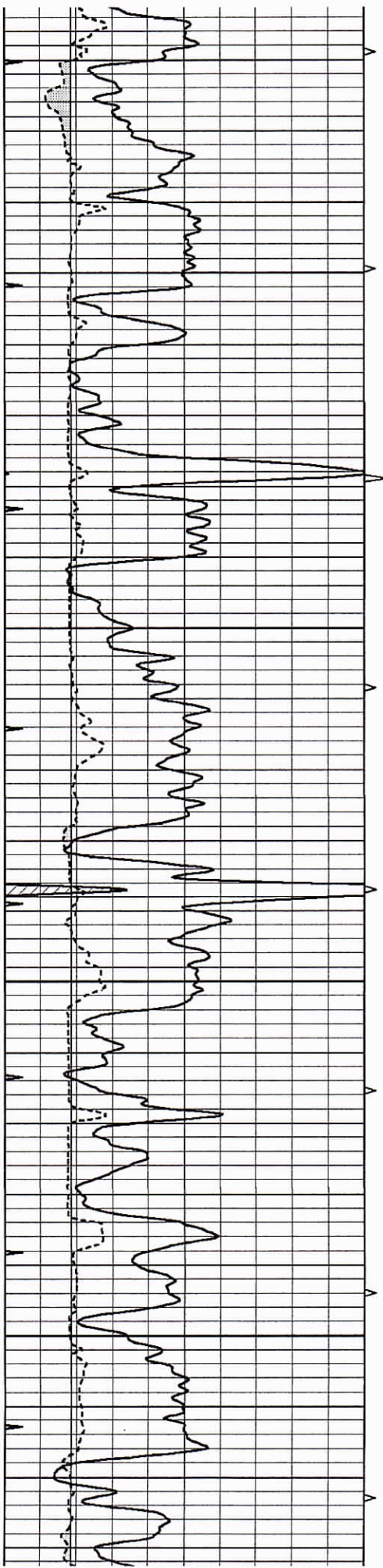
0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		





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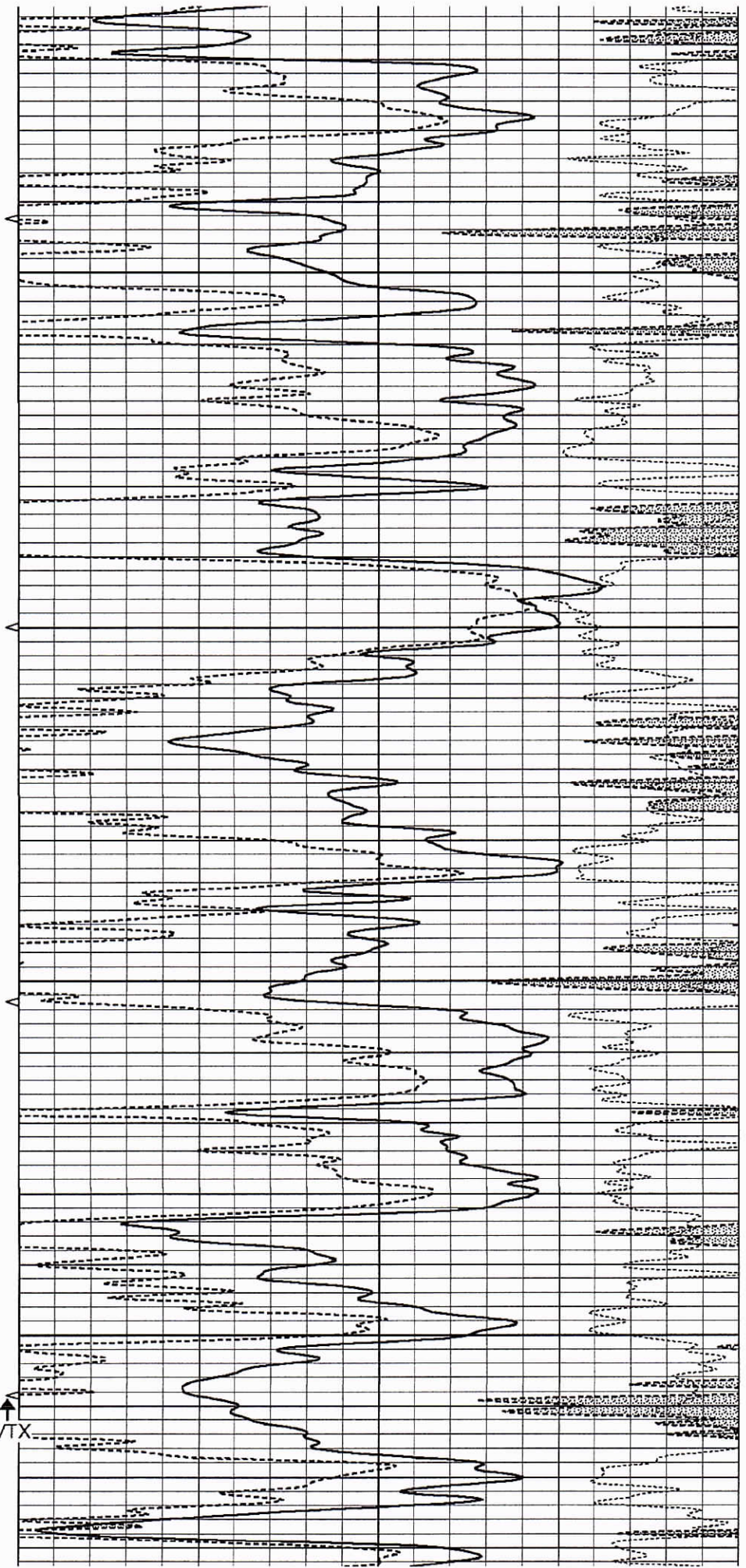
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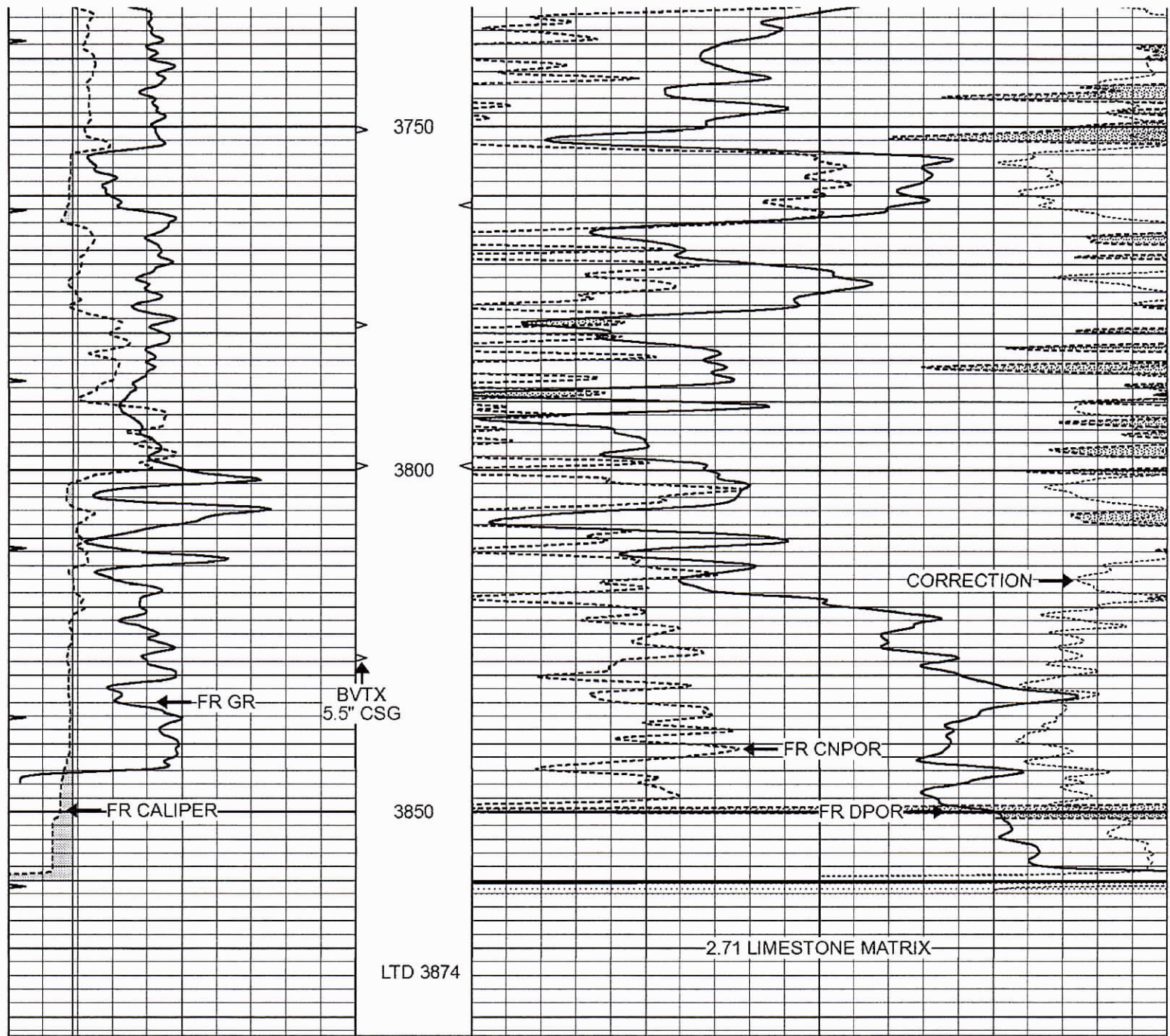
3600

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3700

AVTX





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

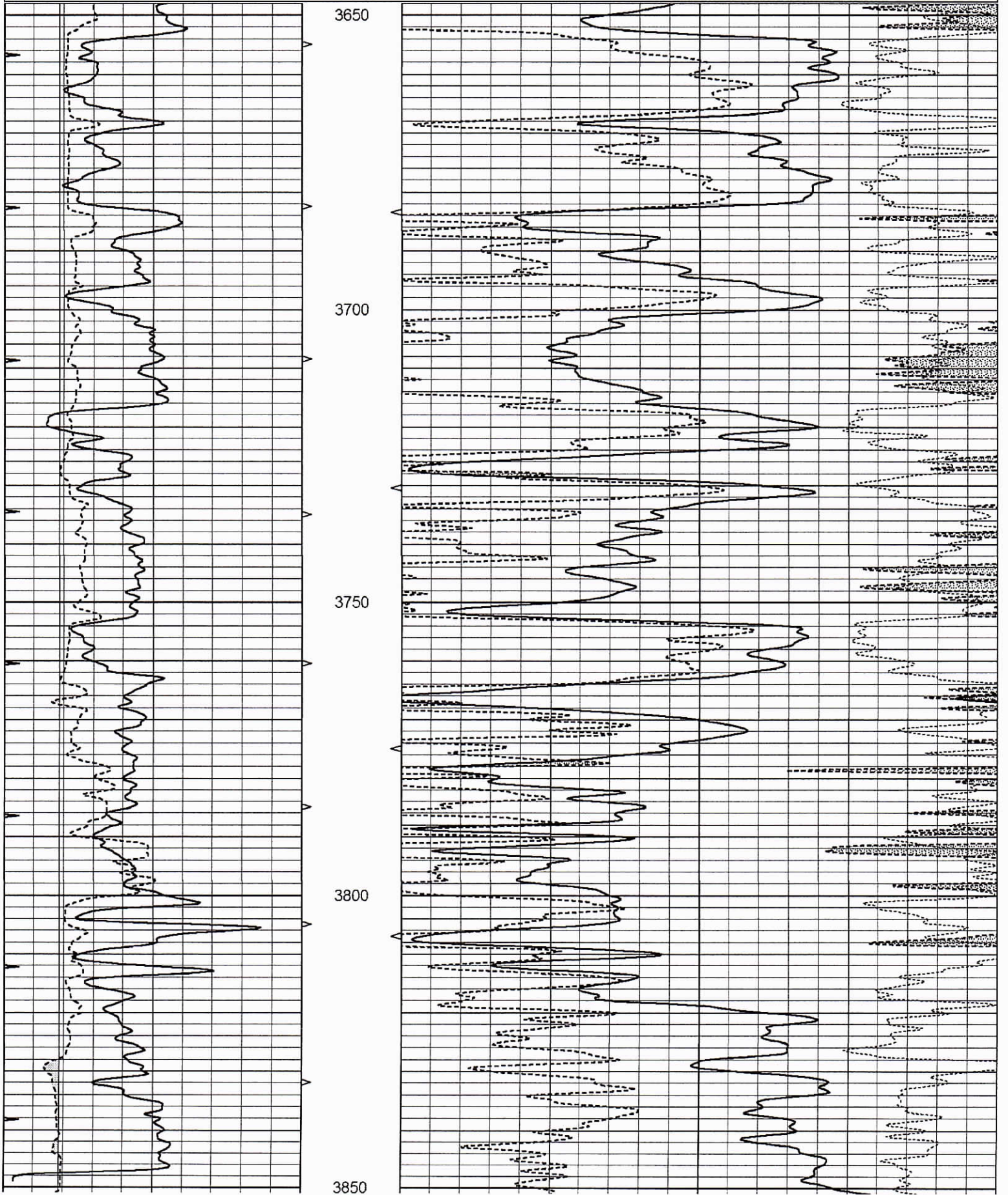
NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 26242ddn.db
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 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
---	------------------	-----	------	----	--------------------------	-----

6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	BVTX			-0.25	CORRECTION (g/cc)
			0 (ft3)	10			0.25



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

Calibration Report

Database File: 26242ddn.db
 Dataset Pathname: pass3.1
 Dataset Creation: Wed Oct 22 10:33:16 2014 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
 Surface Cal Performed: Sat Aug 02 01:54:49 2014
 Downhole Cal Performed: Sat Jan 19 19:51:38 2013
 After Survey Verification Performed: Sat Jan 19 19:51:38 2013

Surface Calibration

Loop:	Readings				References		Results	
	Air	Loop			Air	Loop	m	b
Deep	0.793	0.790	V	0.000	400.000	mmho/m	550.000	14.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	580.000	-32.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.041	0.642	V	0.000	400.000	mmho/m	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	mmho/m	604.936	-21.367

Downhole Calibration

	Readings				References		Results	
	Zero	Cal			Zero	Cal	m'	b'
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154
LL3		7.322	V		1400.000	Ohm-m		
		0.038	V		20.000	Ohm-m		
		-7.273	V		4000.000	mmho-m		

After Survey Verification

	Readings				Targets		Results	
	Zero	Cal			Zero	Cal	m'	b'
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1400.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		4000.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: GEAR5-GEARHART

Source / Verifier:
Master Calibration Performed:

147 / 147
Sat Aug 02 01:49:41 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	943.83	576.01	cps
Aluminum	2.610	g/cc	212.01	399.19	cps
Spine Angle = 76.20			Density/Spine Ratio = 0.585		
	Size		Reading		
Small Ring	8.40	in	1.64	V	
Large Ring	14.00	in	2.93	V	

Compensated Neutron Calibration Report

Serial Number: 080620
Tool Model: Probe

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 46001
Tool Model: Probe1
Performed: Sat Aug 02 01:56:52 2014

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.2600 GAPI/cps



CONSOLIDATED
Oil Well Services, LLC

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 # 271845

Invoice Date: 10/17/2014 Terms: 10/10/10,n/30

Page 1

PRAIRIE FIRE PETROLEUM, LLC
P.O. BOX 38
NORTON KS 67654-0038
(785) 874-4840

BENTON-
KISER 1-26
26-2-26
47765
10/15/2014
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	180.00	18.5500	3339.00
1102	CALCIUM CHLORIDE (50#)	508.00	.9400	477.52
1118A	S-5 GEL/ BENTONITE (50#)	338.00	.2700	91.26

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-235.33
9996-130	CEMENT MATERIAL DISCOUNT	-390.77

Description	Hours	Unit Price	Total
456 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
456 EQUIPMENT MILEAGE (ONE WAY)	60.00	5.25	315.00
460 TON MILEAGE DELIVERY	1.00	888.30	888.30

8-5/8" SURFACE CASING

Handwritten: #2745
10-21-14

Amount Due 6540.49 if paid after 10/27/2014

Parts:	3907.78	Freight:	.00	Tax:	251.47	AR	5886.45
Labor:	.00	Misc:	.00	Total:	5886.45		
Sublt:	-626.10	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

271845

TICKET NUMBER 47765
LOCATION Oakley KS
FOREMAN Dane Peltzloff

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
10-15-14	6404	Kiser 1-26	26	2	26	Decatur
CUSTOMER Prairie Fire Petroleum			Obertin East to RD 504 North 5 miles East into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			456	Mike		
STATE			460	Bill		
ZIP CODE			Helper	Kelly		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 249 CASING SIZE & WEIGHT 8 5/8 23 LBS
 CASING DERTH 249 DRILL PIPE 4.5 TUBING _____ OTHER _____
 SLURRY WEIGHT 14.65 SLURRY VOL 1.34 WATER gal/sk 6.5 CEMENT LEFT In CASING 20
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up. Break circulation. mix 180 sks of Class A 346 cc 20% gel. Displace 14.5 BBls of water. Wash up. Rig down. Cement did circulate

Thanks Done & crew.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	60	MILEAGE	5.25	315.00
5407a	8.46	Ton Mileage Delivery	1.75	888.30
1104s	180 sks	Class A cement	18.55	3339.00
1102	508	Calcium Chloride	.94	477.52
1118a	338	Bentonite	.27	91.26
			Total	6261.08
			less 10%	626.10
			Total	5634.98
			SALES TAX	261.47
			ESTIMATED TOTAL	5896.45

Havin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

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



CONSOLIDATED
Oil Well Services, LLC

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 # 272043

Invoice Date: 10/27/2014 Terms: 10/10/10,n/30

Page 1

PRAIRIE FIRE PETROLEUM, LLC
P.O. BOX 38
NORTON KS 67654-0038
(785) 874-4840

BENTON-
KISER #1-26
26-2-26
47769
10/23/2014
KS

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	200.00	23.7000	4740.00
1110A	KOL SEAL (50# BAG)	1000.00	.5600	560.00
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
1142A	KCL SUB MB6875 CC3107 (1	2.00	41.1000	82.20
4104	CEMENT BASKET 5 1/2"	2.00	290.0000	580.00
4130	CENTRALIZER 5 1/2"	6.00	61.0000	366.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	433.7500	433.75
4285	5 1/2" PORT COLLAR	1.00	2178.7500	2178.75
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-452.32
9996-130	CEMENT MATERIAL DISCOUNT	-1007.00

Description	Hours	Unit Price	Total
456 SINGLE PUMP	1.00	3175.00	3175.00
456 EQUIPMENT MILEAGE (ONE WAY)	65.00	5.25	341.25
460 TON MILEAGE DELIVERY	1.00	1069.25	1069.25

2757
10-31-14

5-1/2" PRODUCTION CASING
(Bottom Stage)

Amount Due 15308.75 if paid after 11/06/2014

Parts:	10007.70	Freight:	.00	Tax:	643.55	AR	13777.43
Labor:	.00	Misc:	.00	Total:	13777.43		
Sublt:	-1459.32	Supplies:	.00	Change:	.00		

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

272043

TICKET NUMBER 47769
LOCATION Oakley KS
FOREMAN Dane Retzloff

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
10/23/14	6404	Kiser #1	26	2	26	Decatur
CUSTOMER		MAILING ADDRESS		CITY		STATE
Dorie Fire		Nocatur West to RD 509 2 North East + South into		TRUCK #		DRIVER
				456		Jordan
				460		Bill

JOB TYPE Production HOLE SIZE 7 7/8 HOLE DEPTH 3870 CASING SIZE & WEIGHT 5 1/2 15.5 LBS
CASING DEPTH 3877.62 DRILL PIPE 4.5 TUBING _____ OTHER PC at 2103
SLURRY WEIGHT 14.2 SLURRY VOL 1.56 WATER gal/sk 6.97 CEMENT LEFT in CASING 21.11
DISPLACEMENT 91.78 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up. Run float equipment. Cents on 1, 3, 5, 9, 15, 40. Baskets on 16, 41. PC on 41. Run pipe to bottom. Circ on bottom 1hr. plug Mt + rt. Mix 500 gal of mudflush. Mix 200 sks of Disc 5# Kal seal. Shut down Release plug. Displace 92 3/4 BBLs of water with KCL. Final lift pressure was 800 psi. Plug landed at 1250 psi.

Thanks Dane Yereau

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	65	MILEAGE	5.25	341.25
5407A	9.4	Ton Mileage Delivery	1.75	1669.25
1126	200 sks	Disc Cement	23.70	4740.00
1110A	1000	Kal Seal	.56	560.00
1144G	500 gal	Mudflush	1.00	500.00
1142A	2 gal	KCL	41.10	82.20
4104	2	5 1/2 Basket	290.00	580.00
4130	6	5 1/2 Centralizer	61.00	366.00
4159	1	5 1/2 AFU Float shoe	433.75	433.75
4385	1	5 1/2 Port Collar	2178.75	2178.75
4454	1	5 1/2 latchdown Plug Assembly	567.00	567.00
			Sub	14593.20
			less 10%6	14593.20
			Total	13133.88
			SALES TAX	643.55
			ESTIMATED TOTAL	13777.43

AUTHORIZATION [Signature] TITLE _____ DATE _____

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



CONSOLIDATED
Oil Well Services, LLC

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 # 802246

Invoice Date: 11/30/2014

Terms: Net 30

Page 1

PRAIRIE FIRE PETROLEUM, LLC

BENTON -
KISER #1-26

P.O. BOX 38
NORTON KS 67654-0038
USA
7858744840

Part Number	Description	Qty	Unit Price	Discount(%)	Total
5401B	Squeeze Pump (Kick Off Plug)	1.00	1,785.00	10.00	1,606.50
5406	Mileage Charge	65.00	5.25	10.00	307.13
5407A	Ton Mileage Delivery Charge	1.00	1,222.81	10.00	1,100.53
1131	60/40 Poz Mix	250.00	15.86	10.00	3,568.50
1118B	Premium Gel / Bentonite	1,290.00	0.27	10.00	313.47
1107	Flo-Seal	63.00	2.97	10.00	168.40
1111	Sodium Chloride (Granulated)	100.00	0.26	10.00	23.40
Sub Total					7,875.47
Discounted Amount					787.55
SubTotal After Discount					7,087.93

2816
12-5-14

5-1/2" PRODUCTION CASING
(Top Stage)

Amount Due 8,199.11 if paid after 12/30/2014

Tax: 291.28
Total: 7,379.21



CONSOLIDATED
Oil Well Services, LLC

908

TICKET NUMBER 47789 ⁹⁰⁸ ₉₅₀

LOCATION Orley KS

FOREMAN Dave Retzlaff

INVOICE # 802246

FIELD TICKET & TREATMENT REPORT

CEMENT

KS

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/17/14	0404	Riser # 1-26	26	2	26	Decatur
CUSTOMER <u>Barie Fire</u>			Dberlin East to RD 509 North 2 miles E + S into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			731	Jordan		
STATE			530	Bill		
ZIP CODE				Colin		

JOB TYPE Port Collar HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 3/8 OTHER PC at 2105
 SLURRY WEIGHT 12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING _____
 DISPLACEMENT 400 700s DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up + Pressure up. Pressure held at 1000 psi. Spot sand. Pump 10 BBLs of mud down tubing. Pump mud down Backside. Mix 250 sks 60/40 60/0 gel. 1/4 Hb. Cement circulated. Displace 7. Reverse clean. Wash off sand.

T Notes Done ✓

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54018	1	PUMP CHARGE	1785.00	1785.00
5406	65	MILEAGE	5.25	341.25
5407a	10.75	Ten mileage delivery	1.25	122.81
1131	250	60/40 ABZ mix	15.86	3965.00
1118a	1290	Bentonite	.27	335.40
1107	63	Flo Seal	2.97	187.11
1111	160	Sodium Chloride	.26	26.00
			Total	7862.57
			Sub less 10%	786.26
			Total	7076.31
			SALES TAX	291.28
			ESTIMATED TOTAL	7319.21

Ravin 8737

AUTHORIZATION [Signature] TITLE _____ DATE _____

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



**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL
INDUCTION
LOG**

Company PRAIRIE FIRE PETROLEUM, LLC
Well BENTON-KISER #1-26
Field WILDCAT
County DECATUR
State KANSAS

Company PRAIRIE FIRE PETROLEUM, LLC
Well BENTON-KISER #1-26
Field WILDCAT
County DECATUR State KANSAS

Location: API # : 15-039-21212-00-00
780' FNL & 1410' FWL
NW - SW - NE - NW
SEC 26 TWP 2S RGE 26W
Permanent Datum GROUND LEVEL Elevation 2558
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CNL/CDL
MEL
Elevation
K.B. 2568
D.F. 2566
G.L. 2558

Date	10/22/14		
Run Number	ONE		
Depth Driller	3870		
Depth Logger	3874		
Bottom Logged Interval	3872		
Top Log Interval	00		
Casing Driller	8 5/8 @ 264'		
Casing Logger	266'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.5/ N/A	CHLORIDES 1,000 PPM	
pH / Fluid Loss	9.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.60 @ 76F		
Rmf @ Meas. Temp	1.20 @ 76F		
Rmc @ Meas. Temp	1.92 @ 76F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	1.06 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	STEVEN P. MURPHY		

<<< 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

NABORS COMPLETION & PRODUCTION SERVICES CO.
785 (628 - 6395)

THANK YOU FOR YOUR BUSINESS

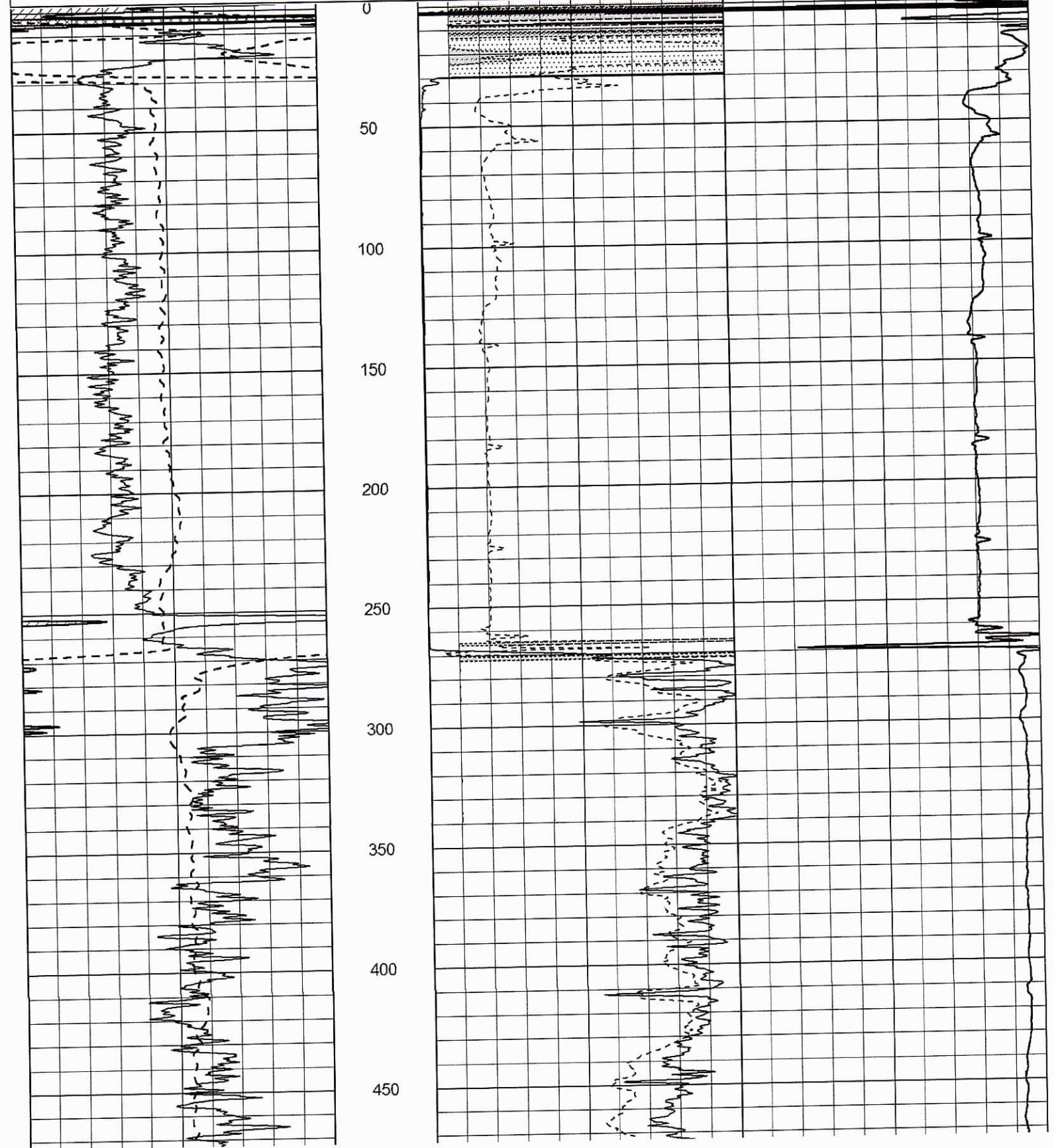
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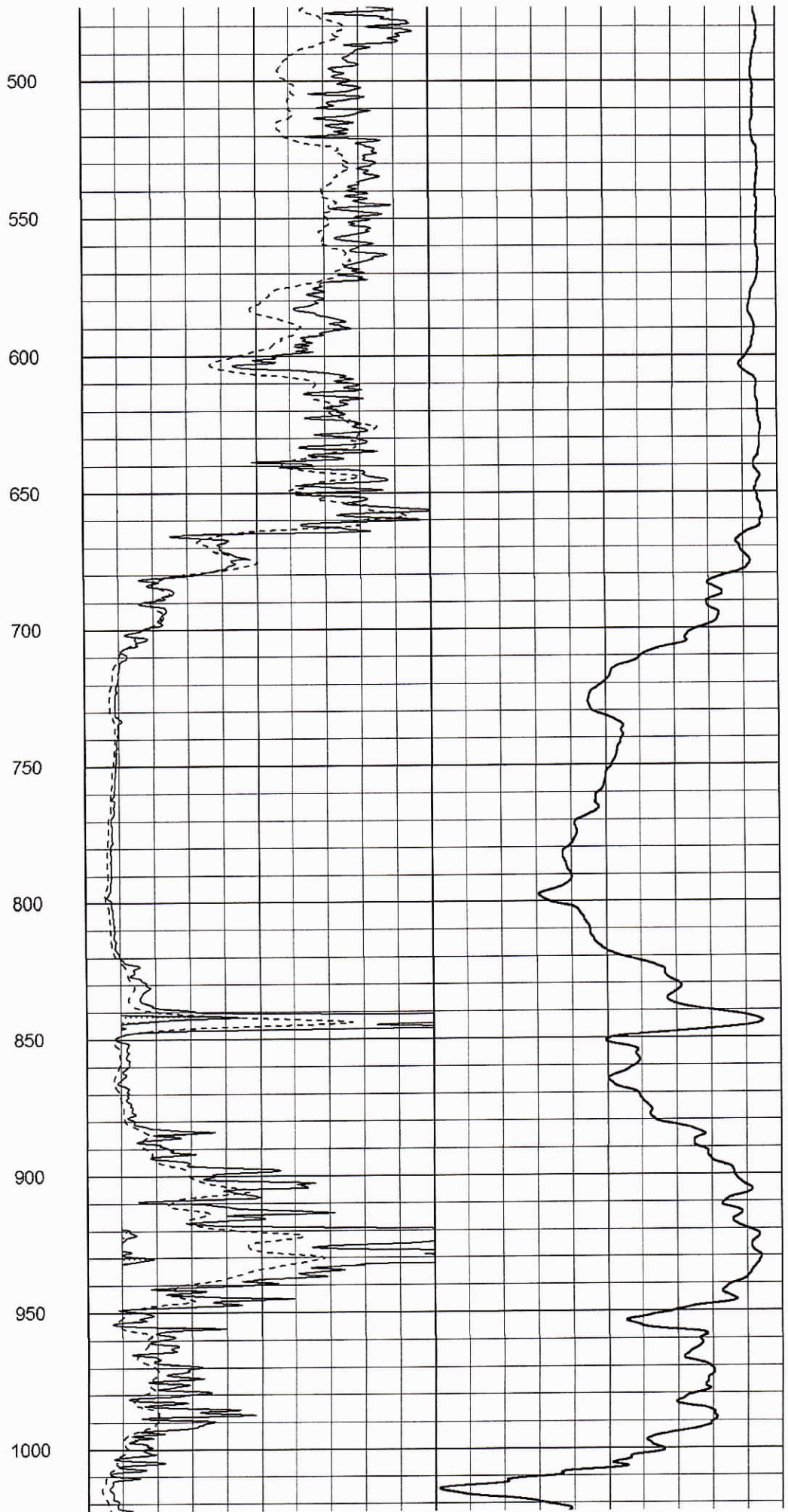
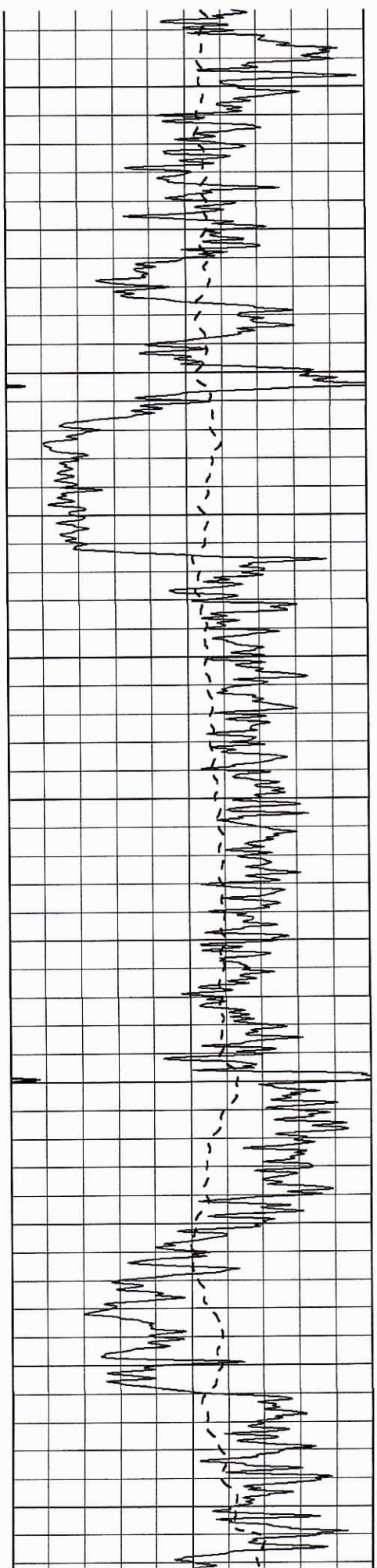
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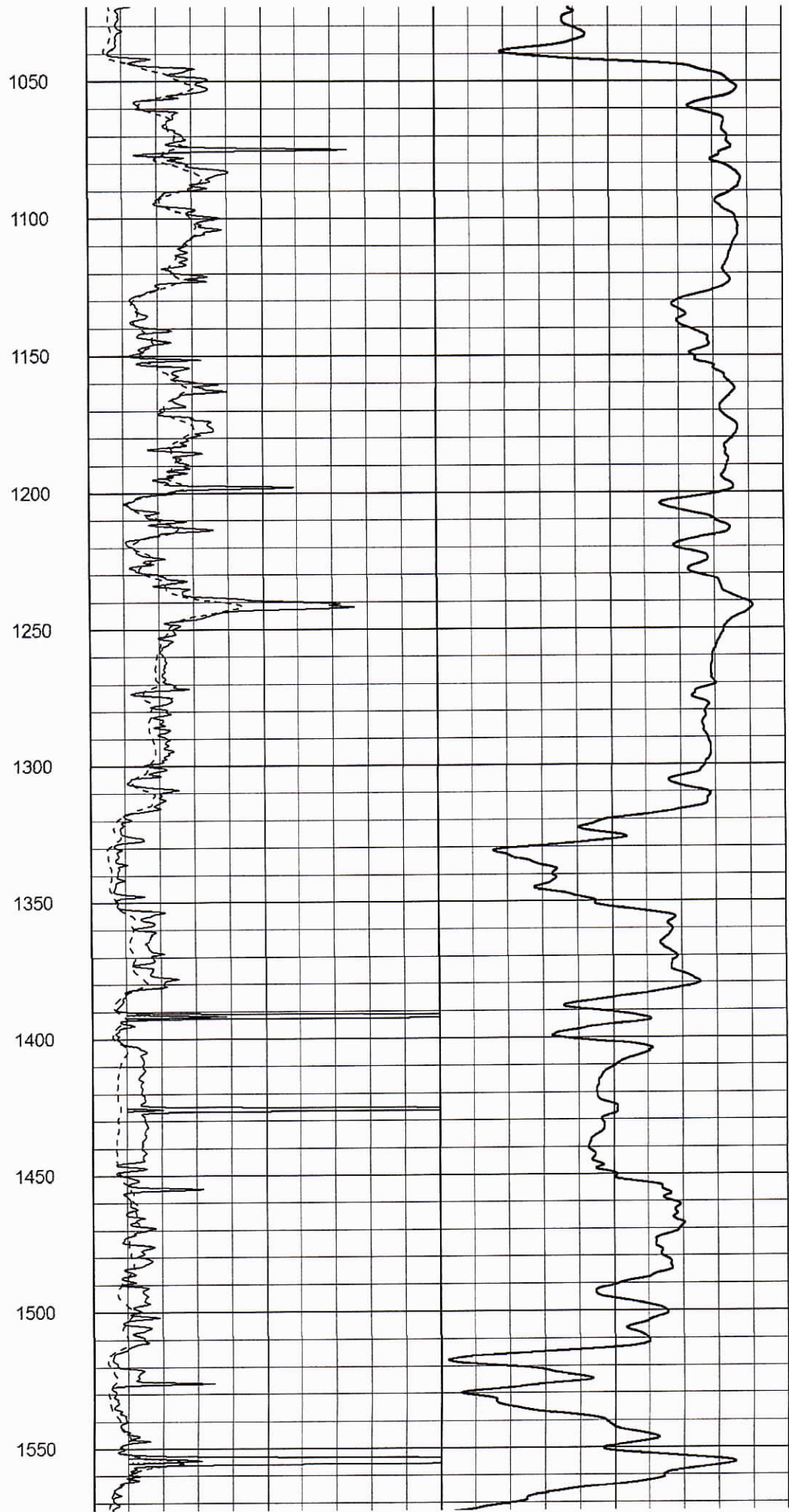
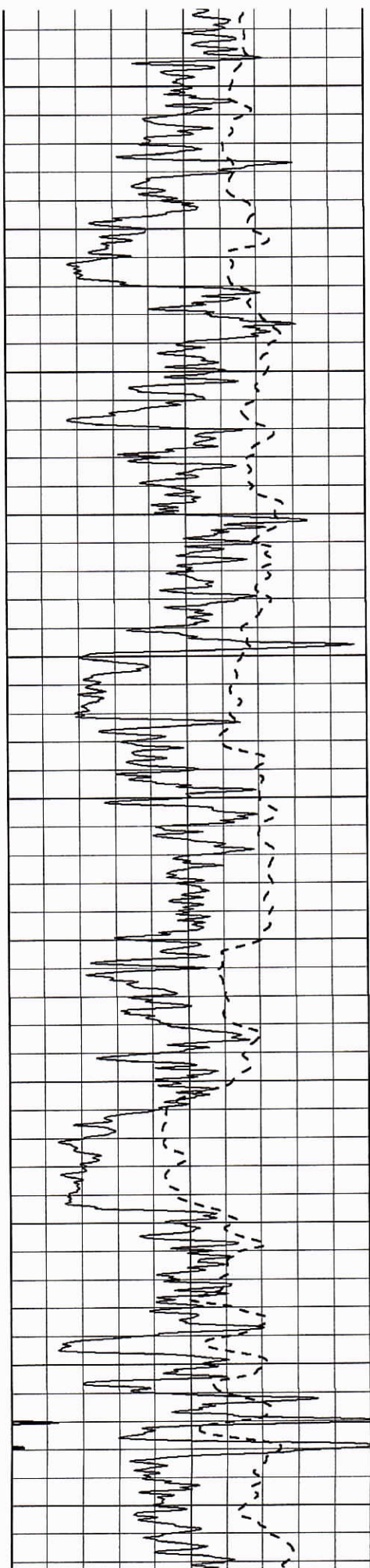
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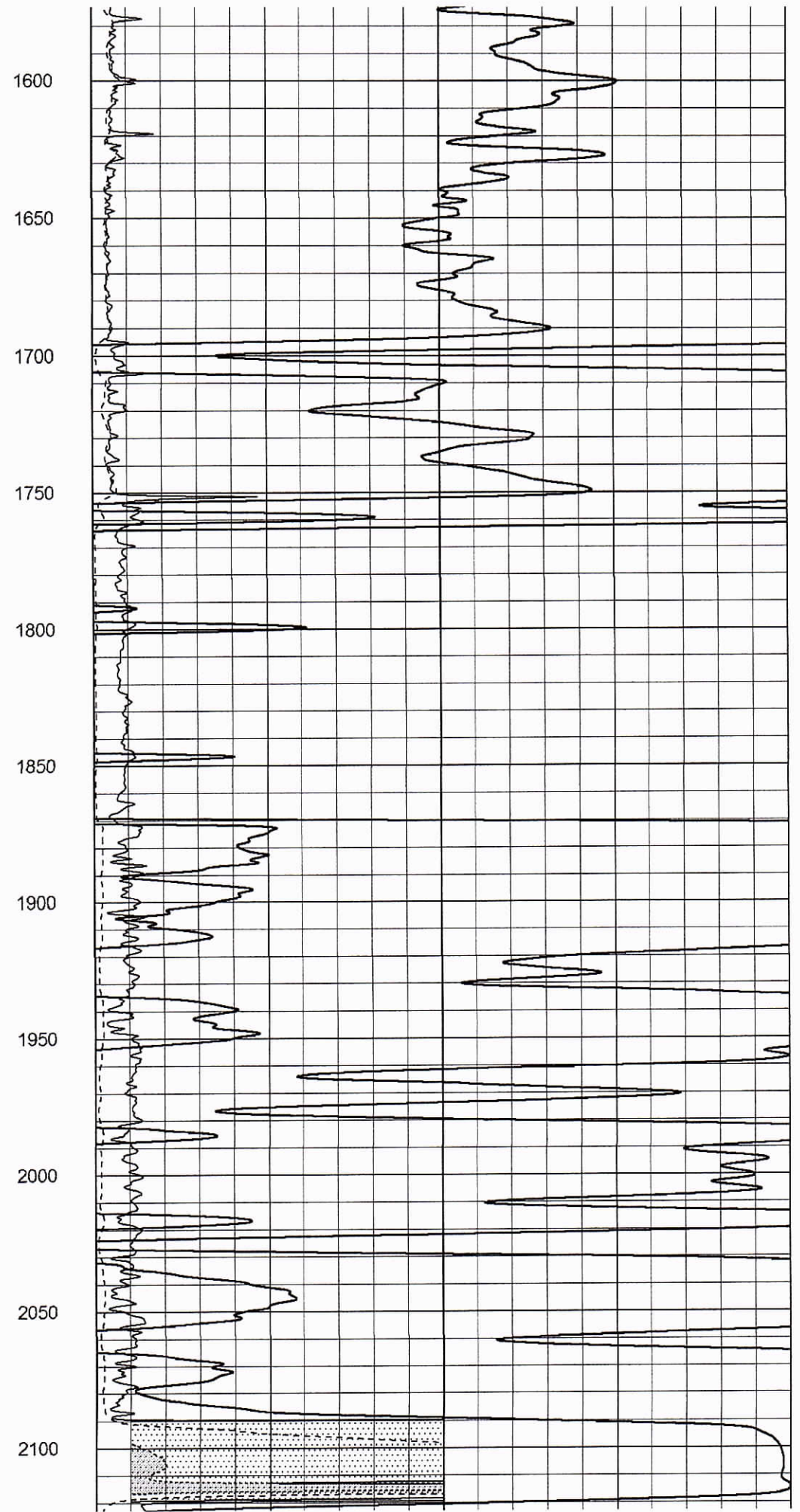
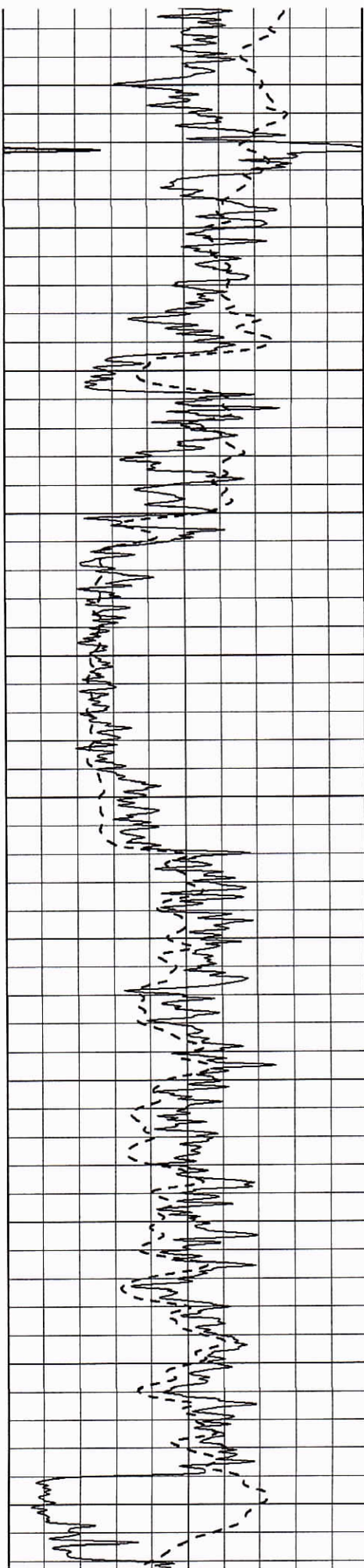
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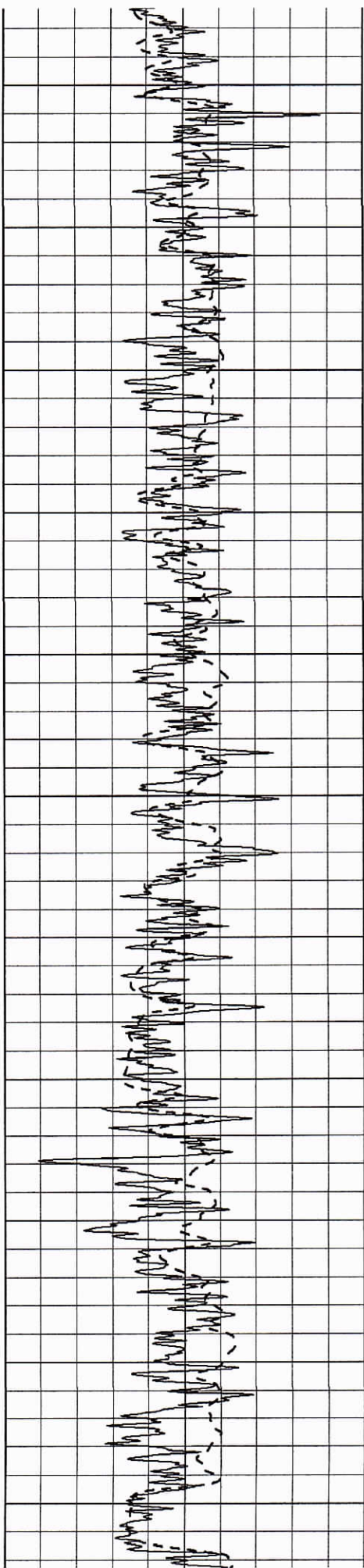
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			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500



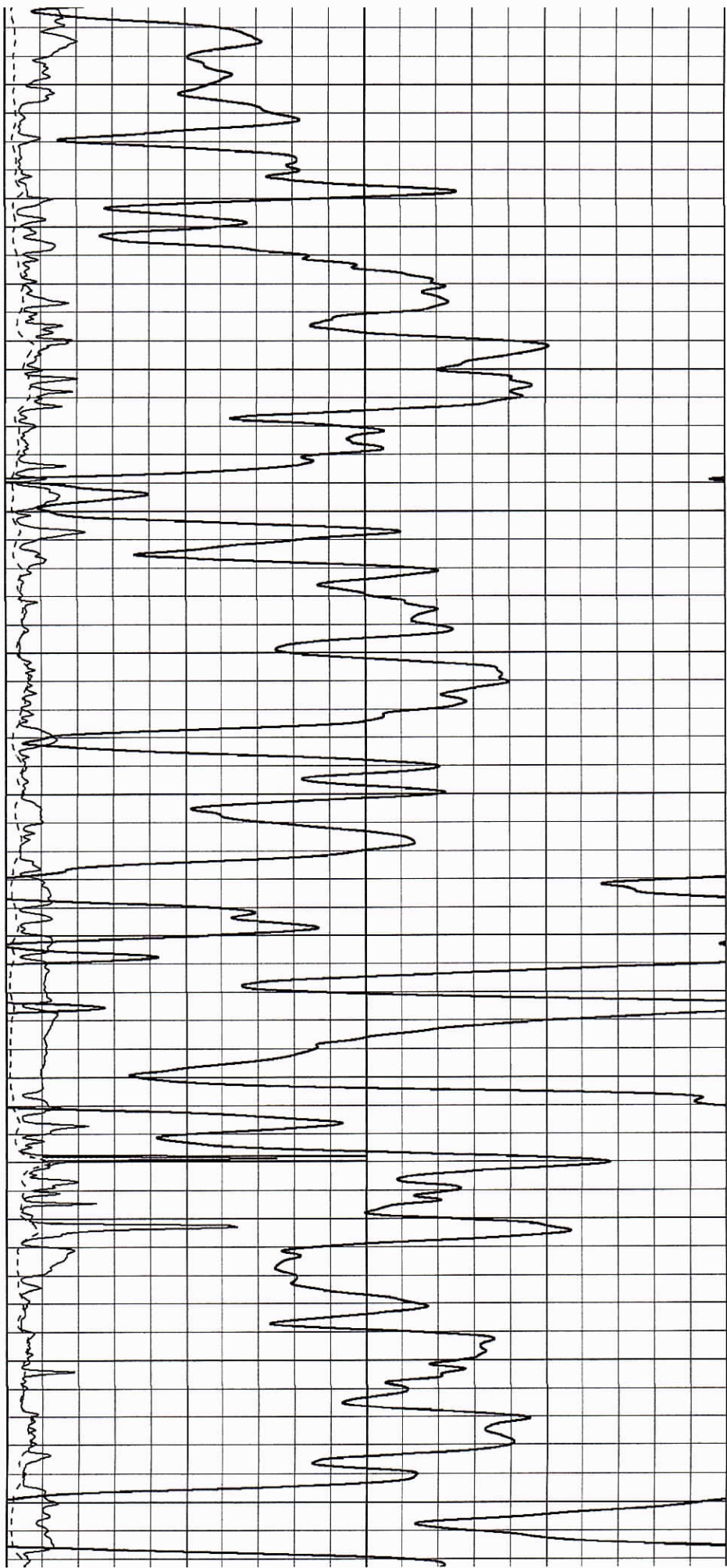


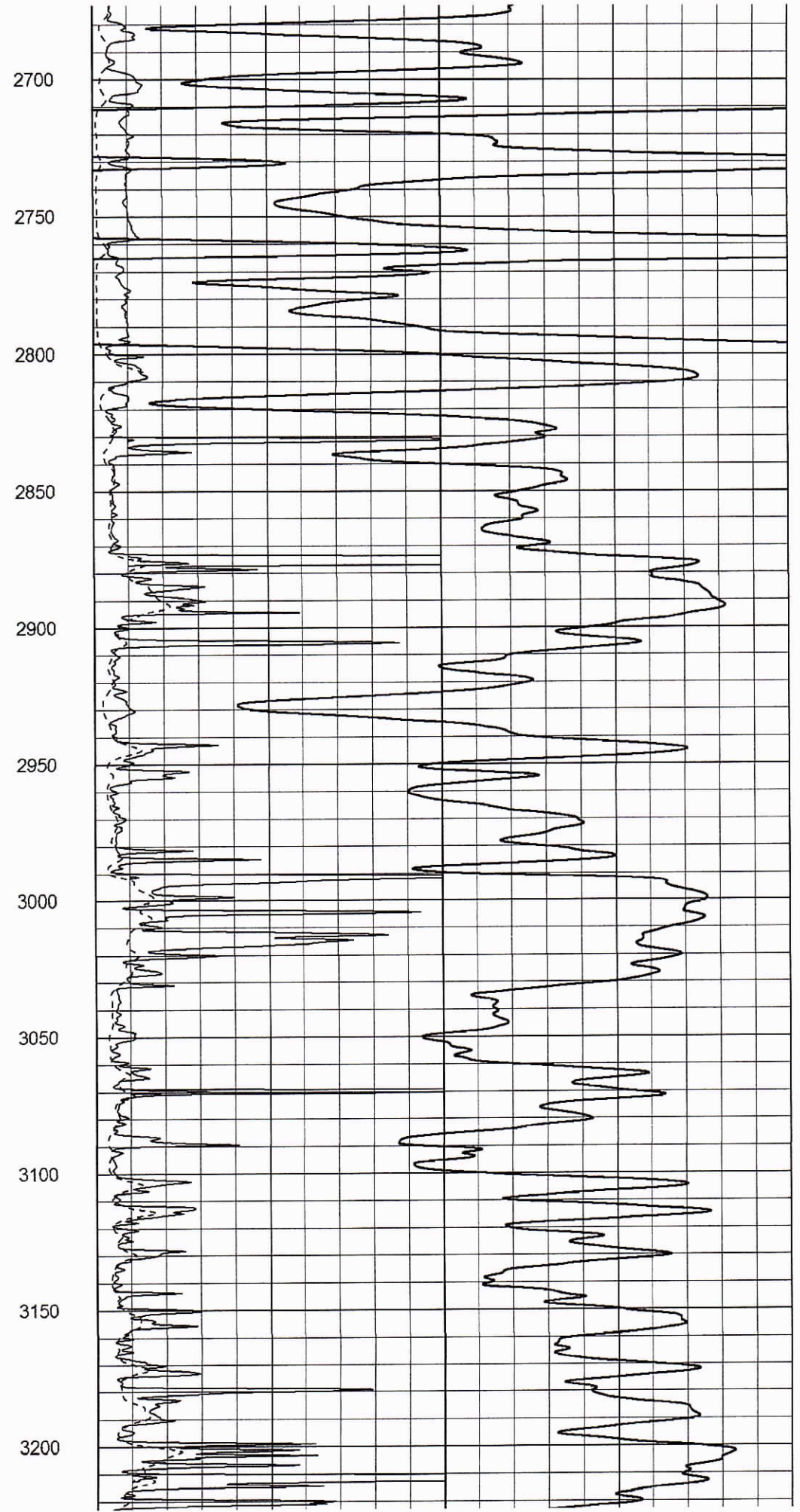
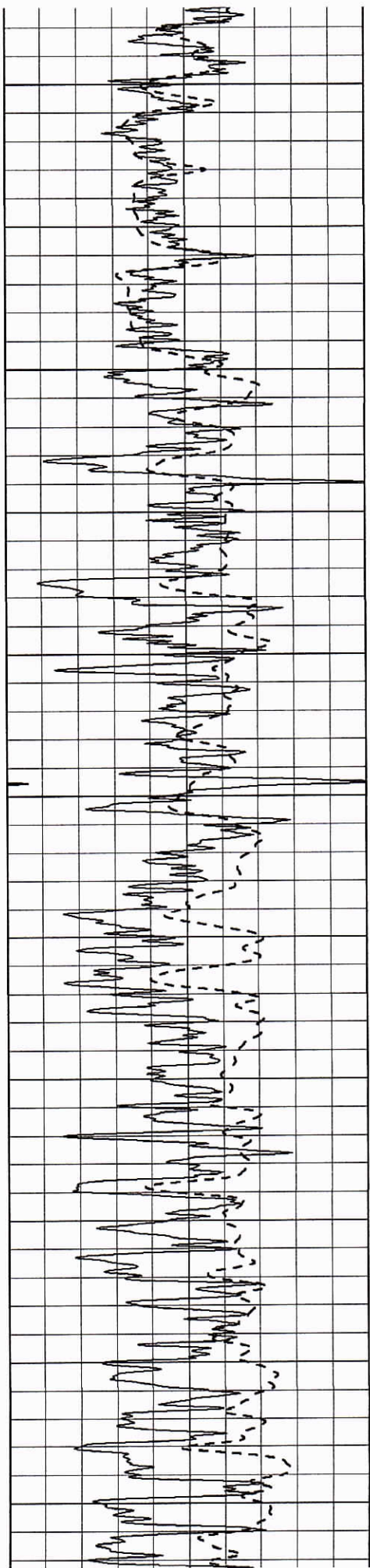


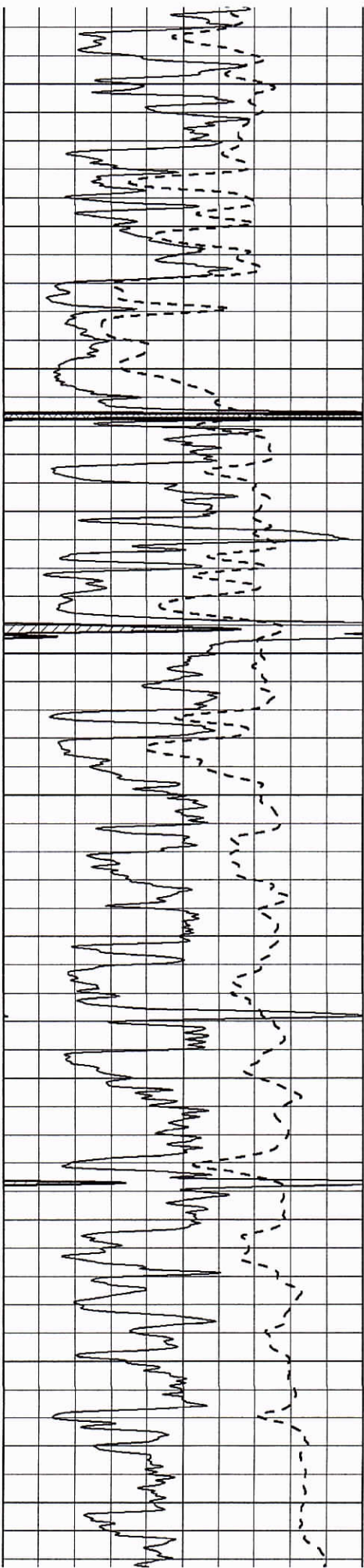




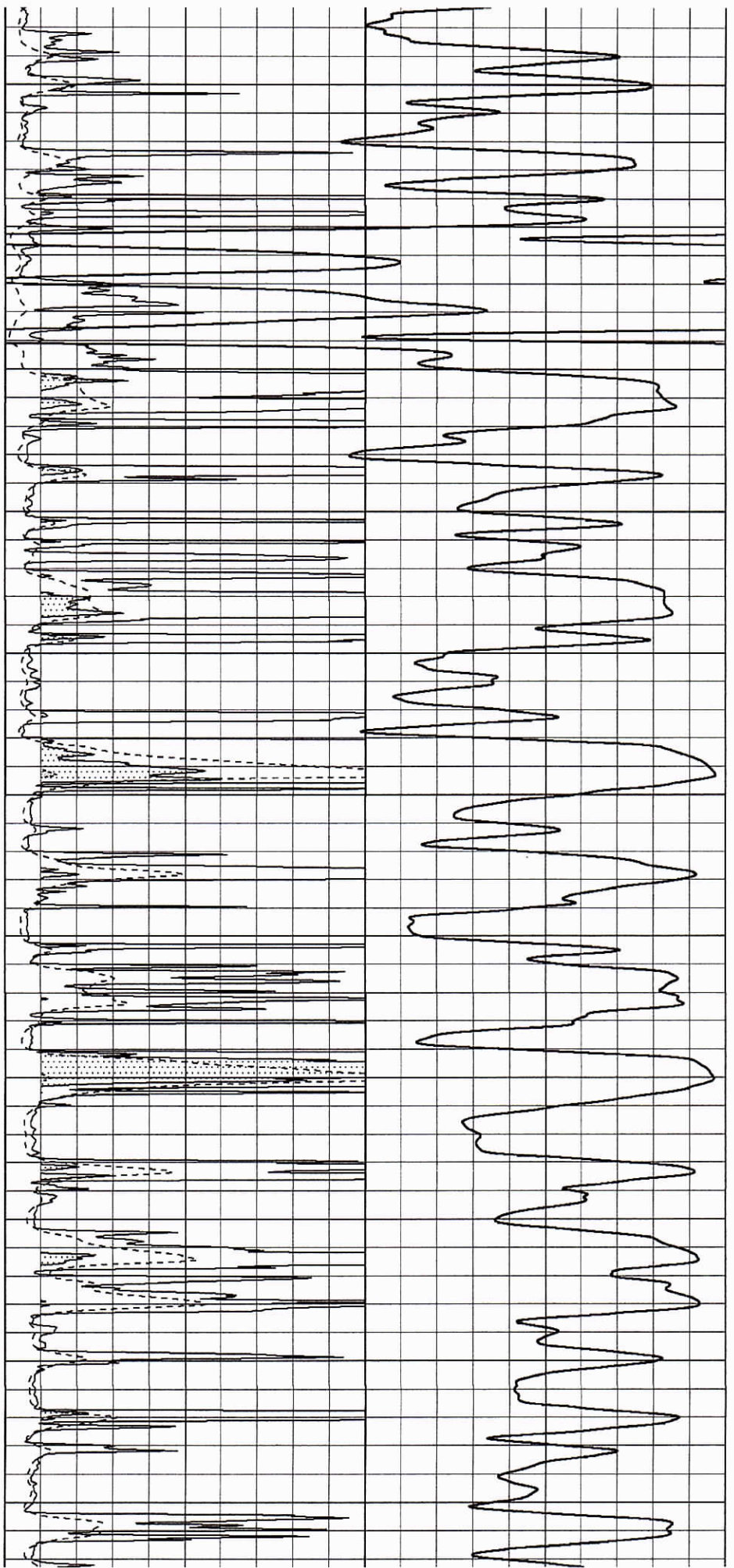
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2250
2300
2350
2400
2450
2500
2550
2600
2650

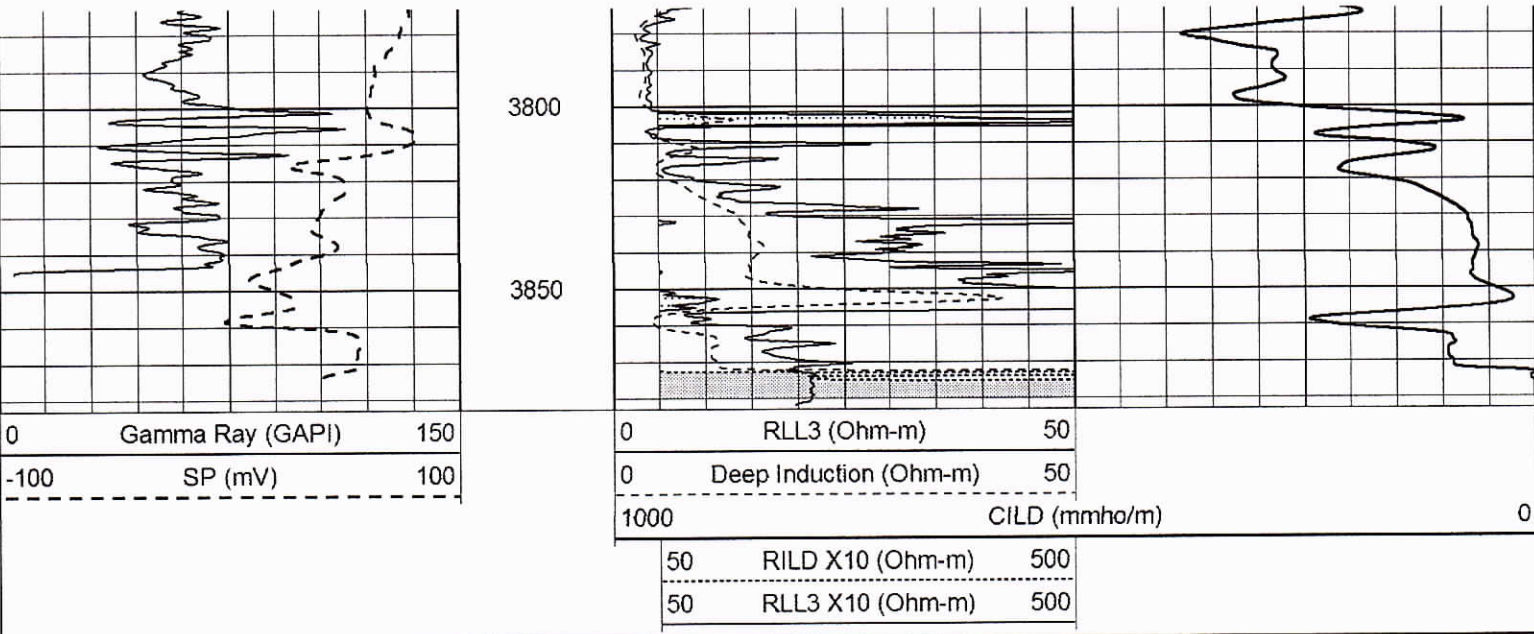






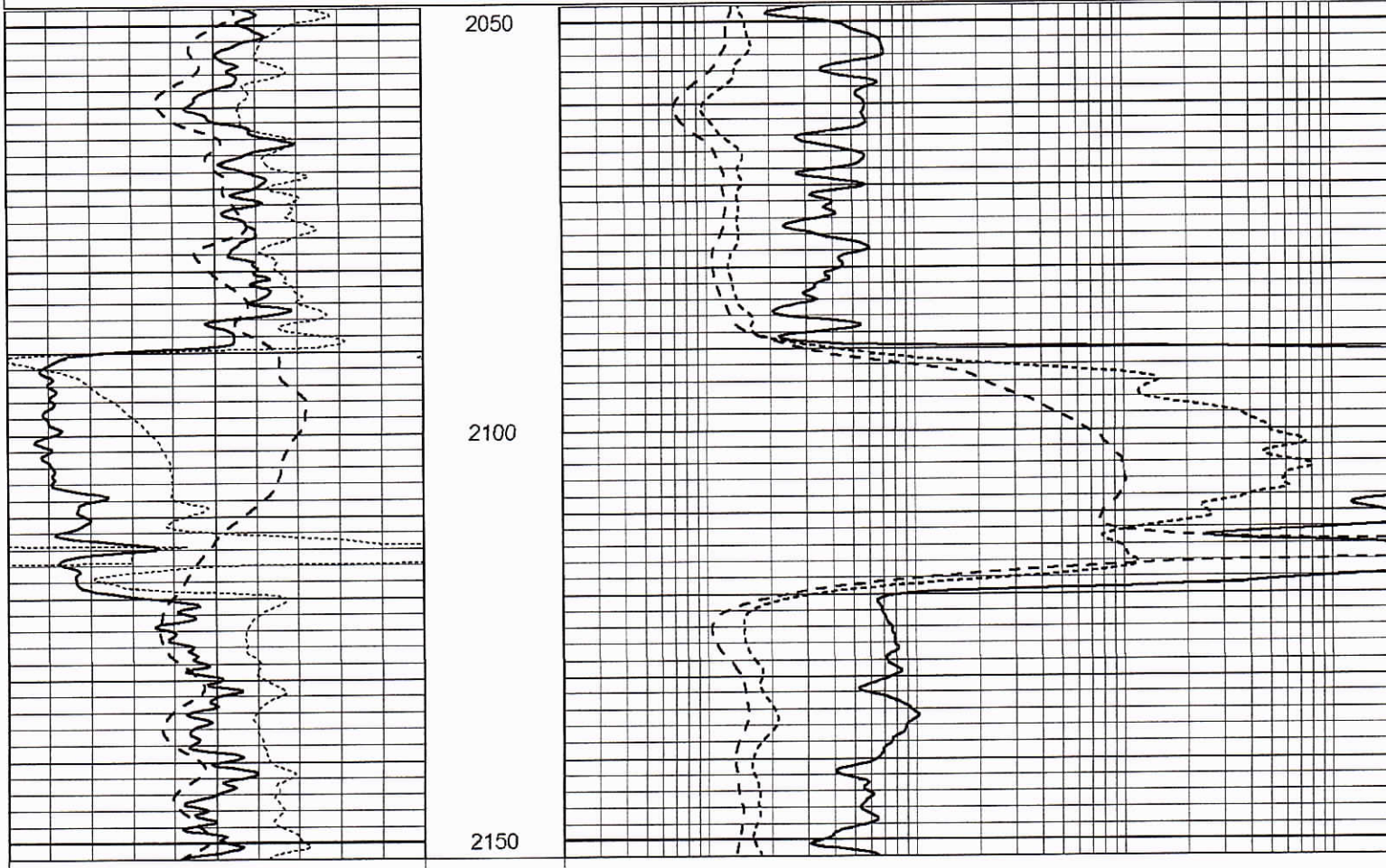
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750





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 Dataset Creation: Wed Oct 22 11:09:32 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000



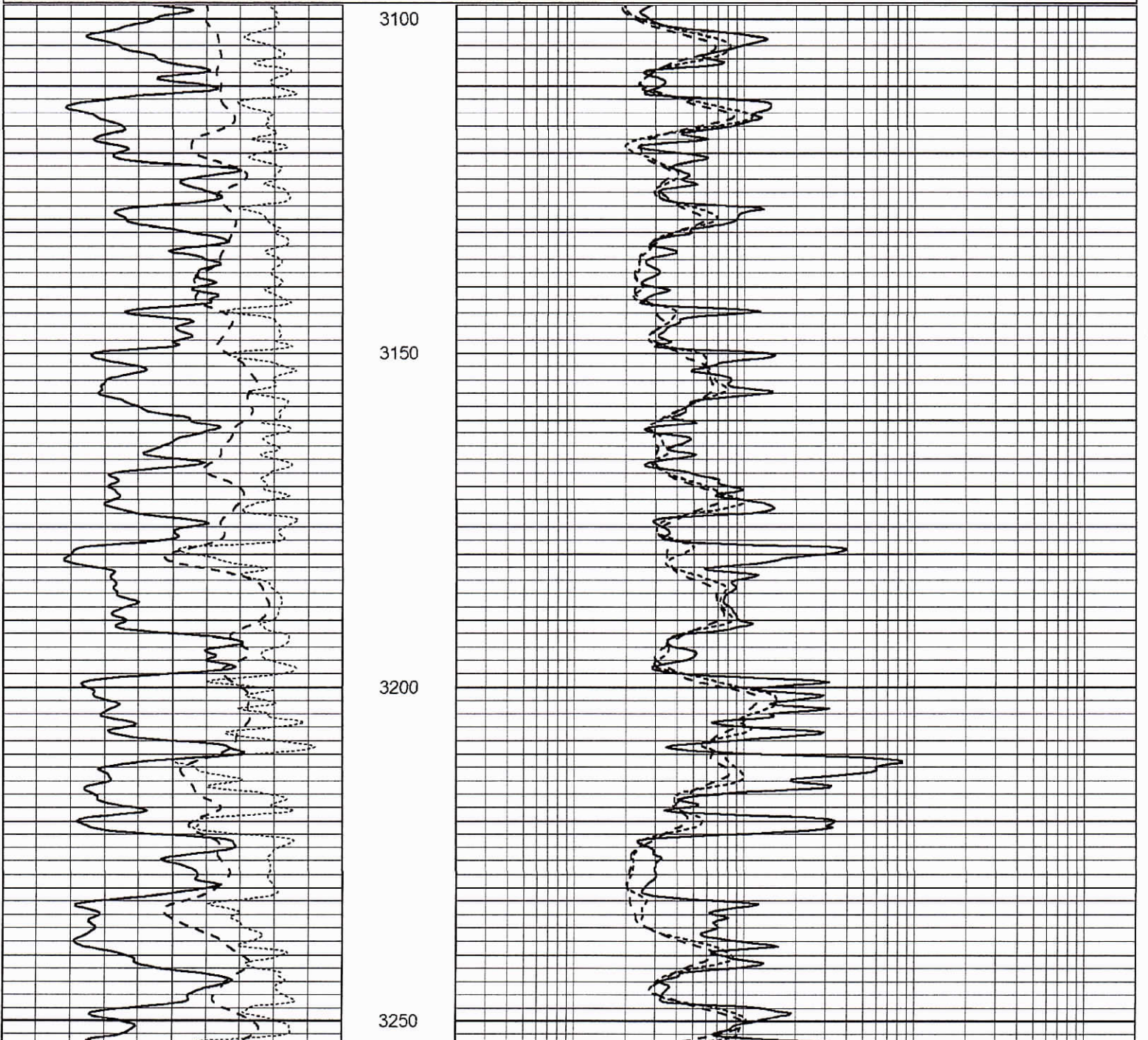
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-250	Rxo/Rt	50

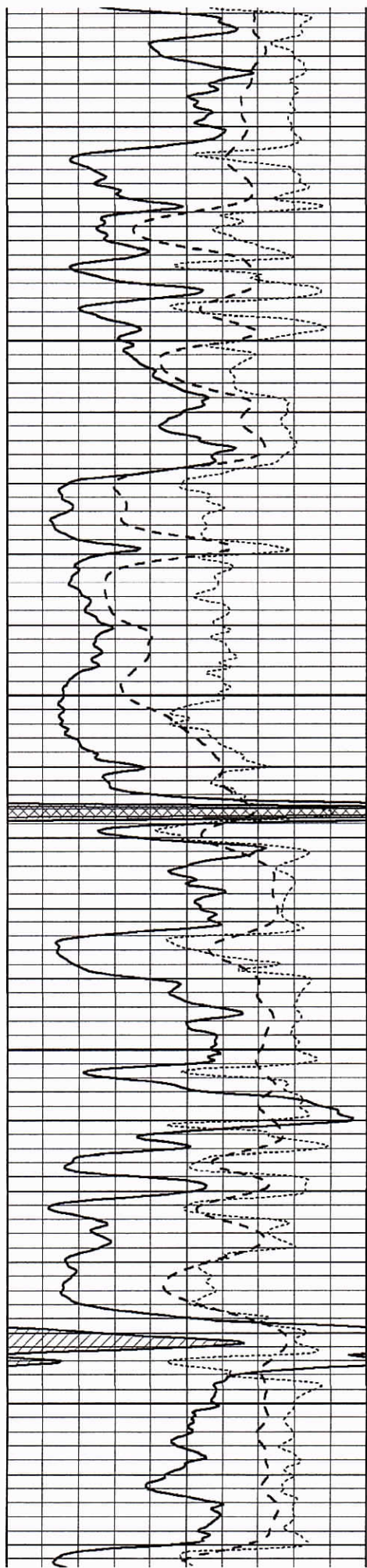
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0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

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 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



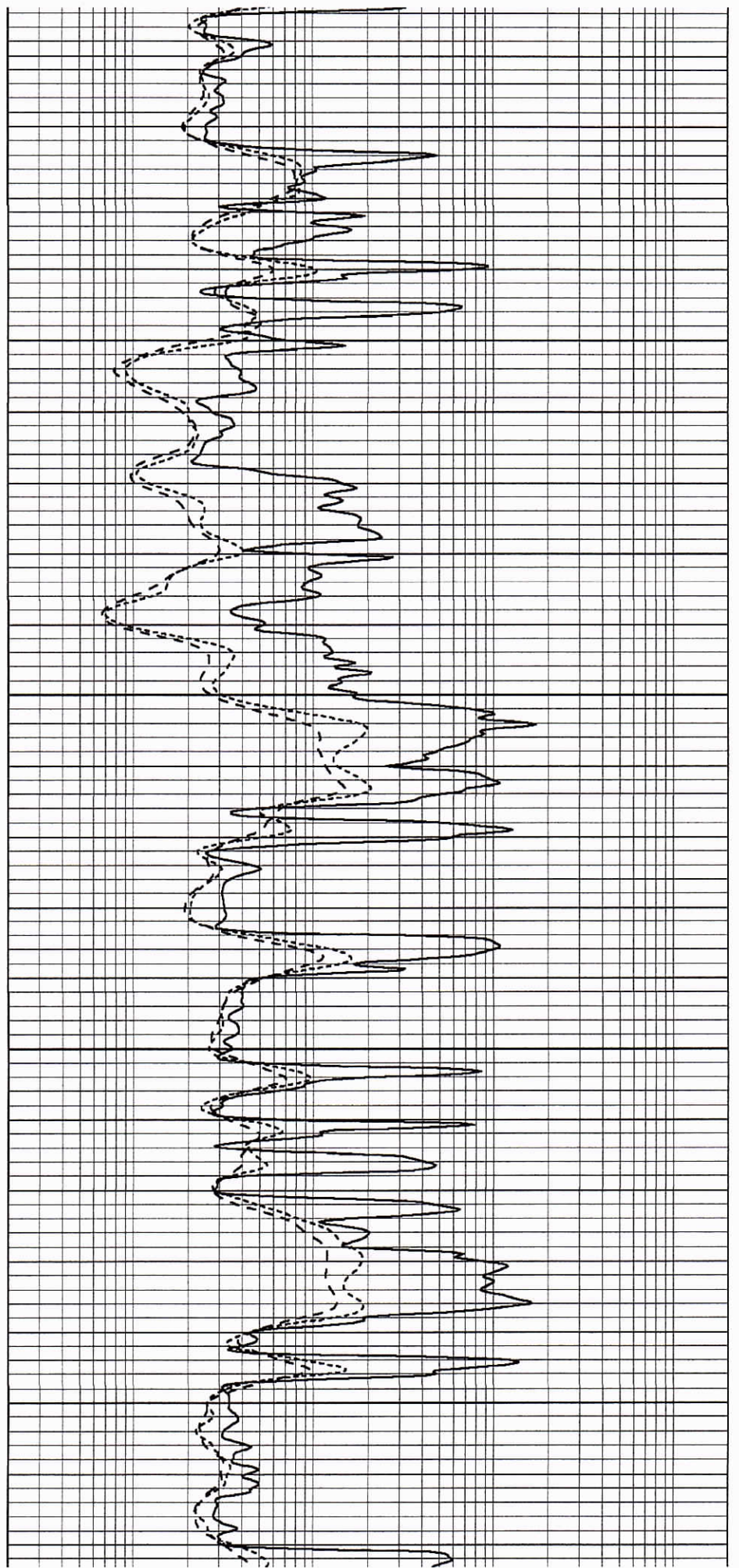


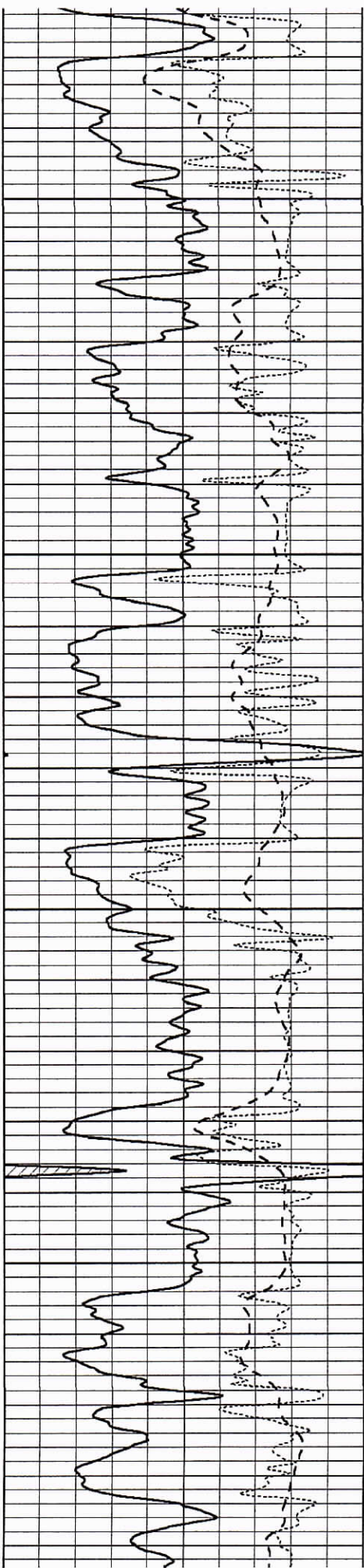
3300

3350

3400

3450



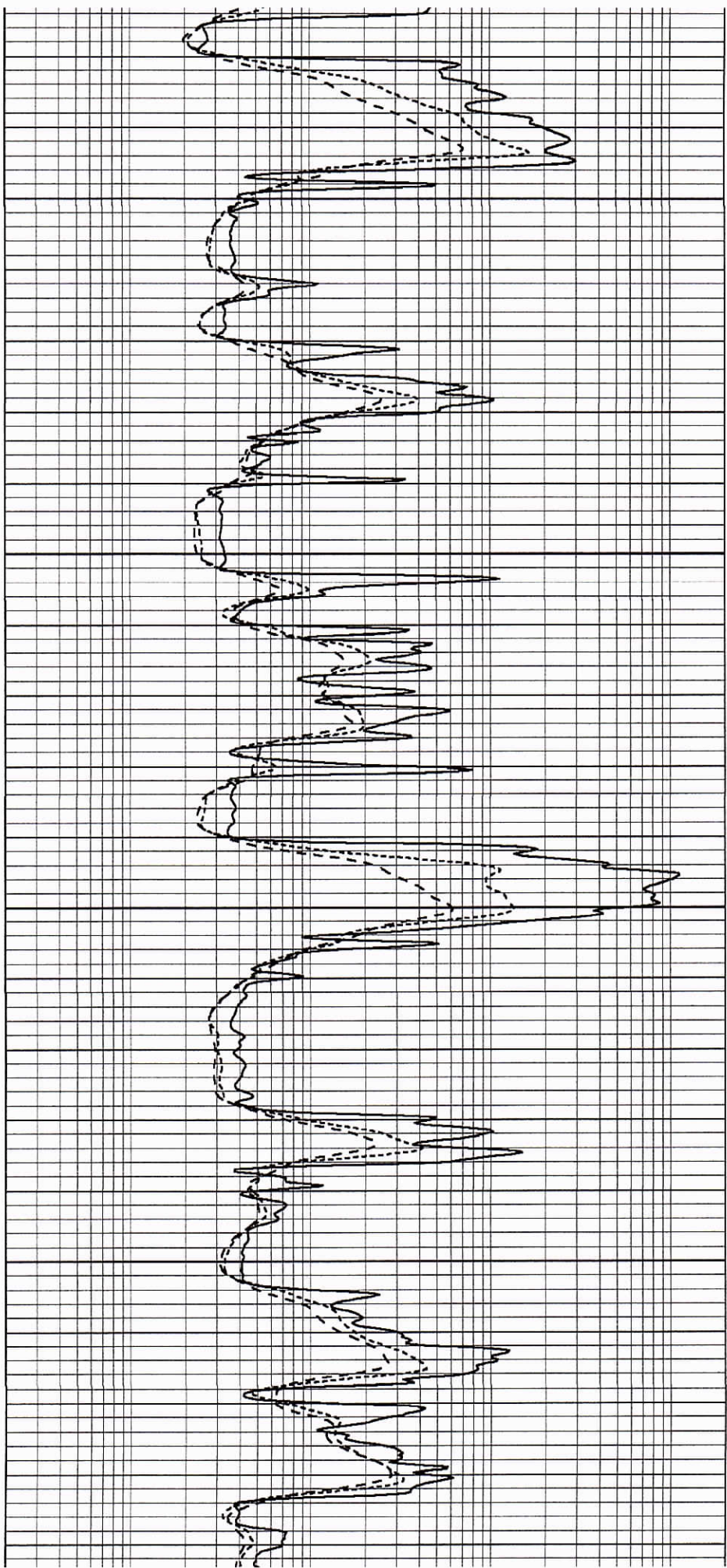


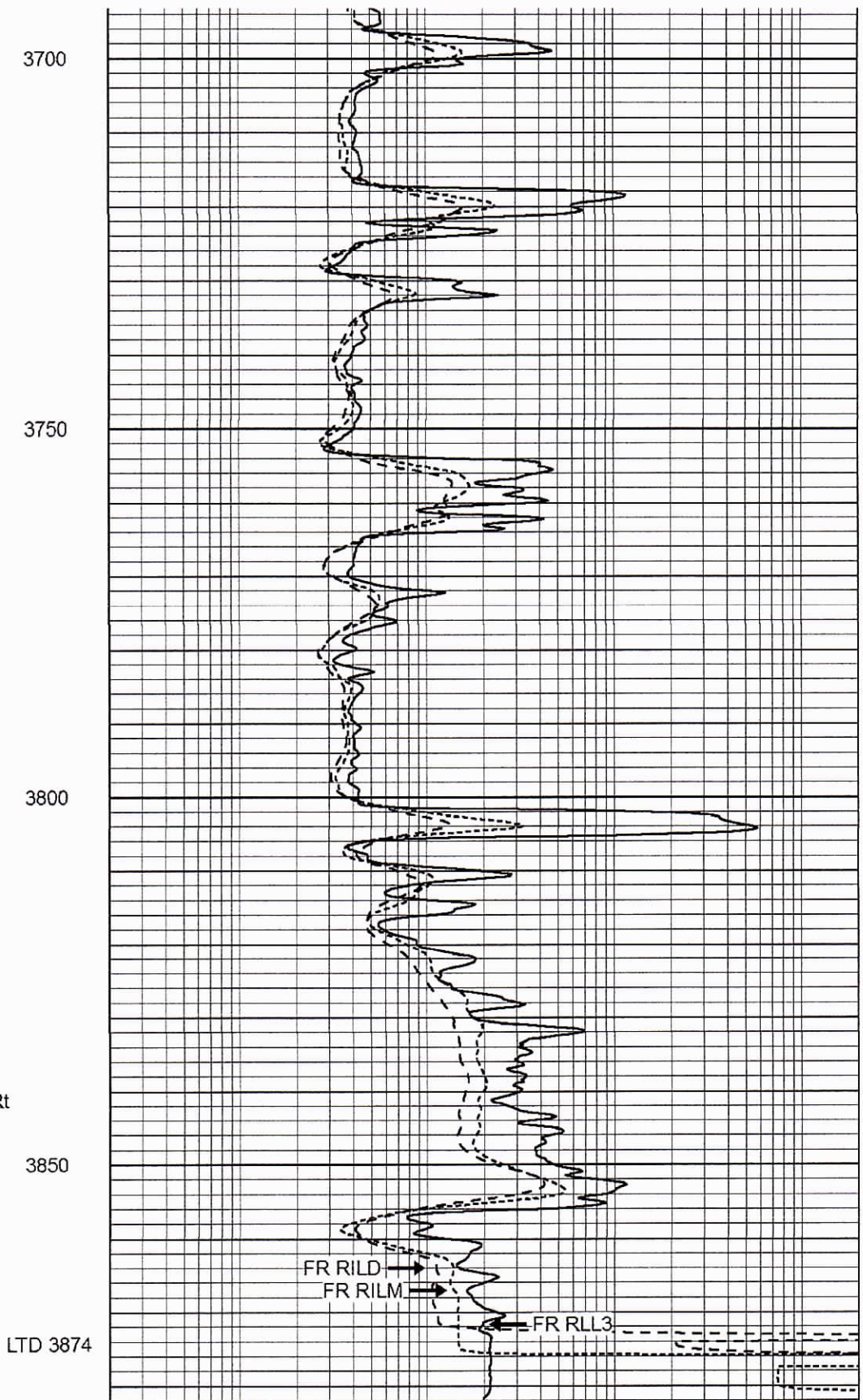
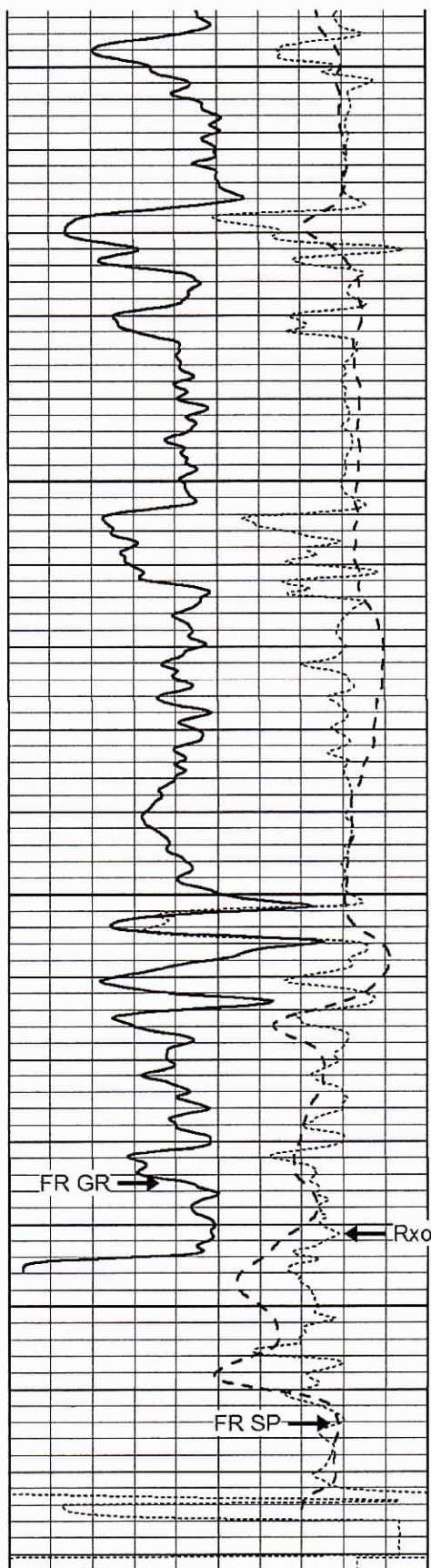
3500

3550

3600

3650





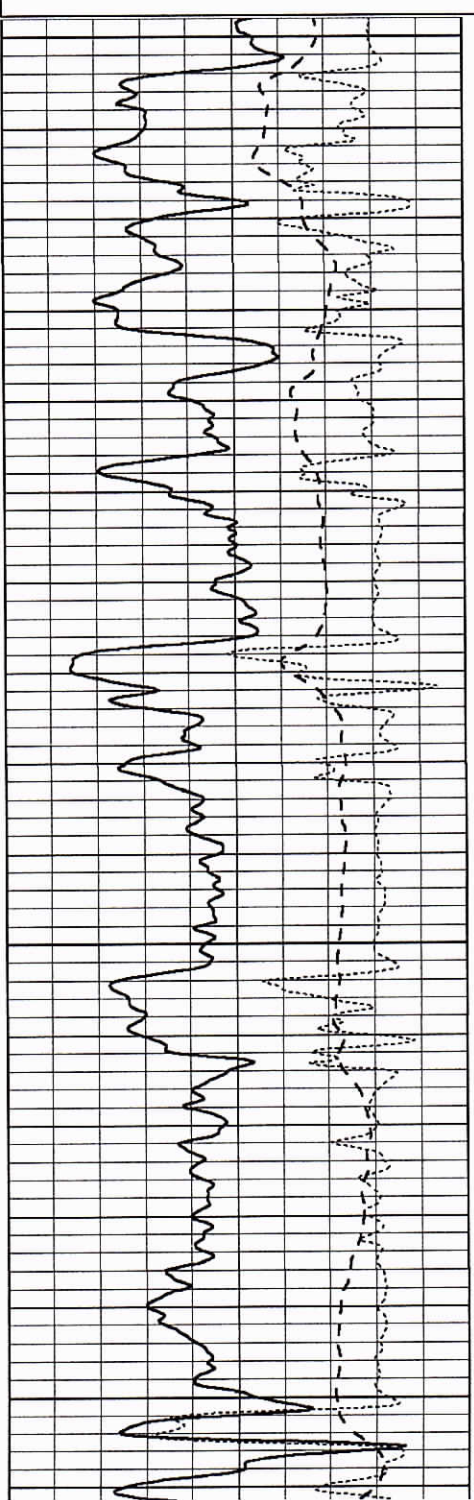
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-100	SP (mV)	100
-250	Rxo/Rt	50

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0.2	DEEP INDUCTION (Ohm-m)	2000

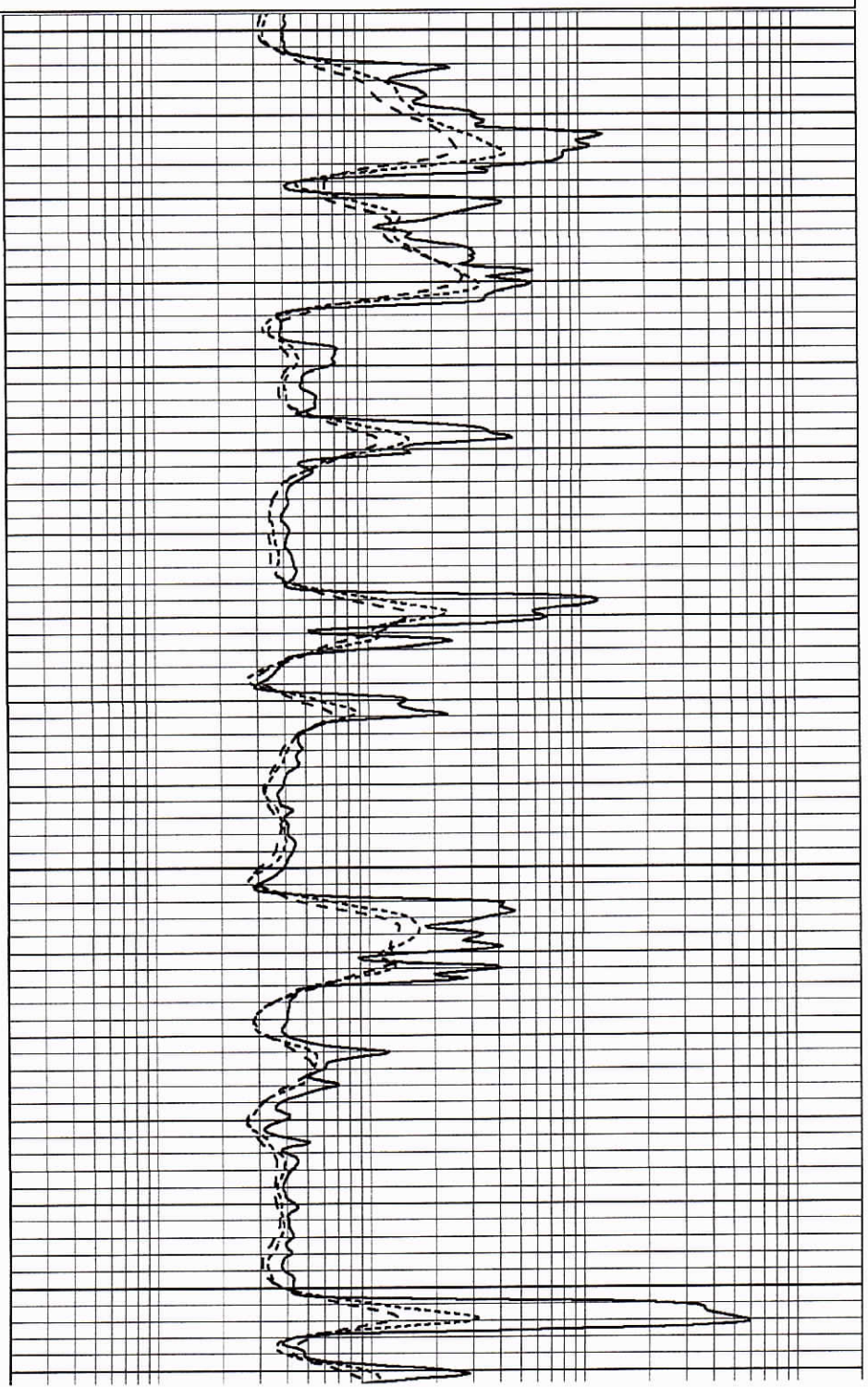
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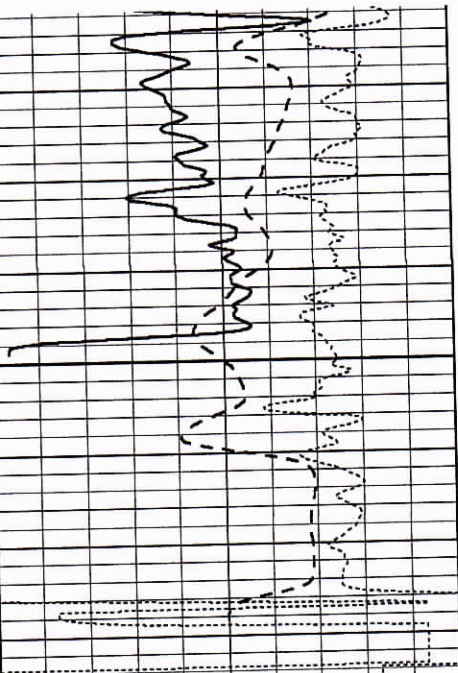
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0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000

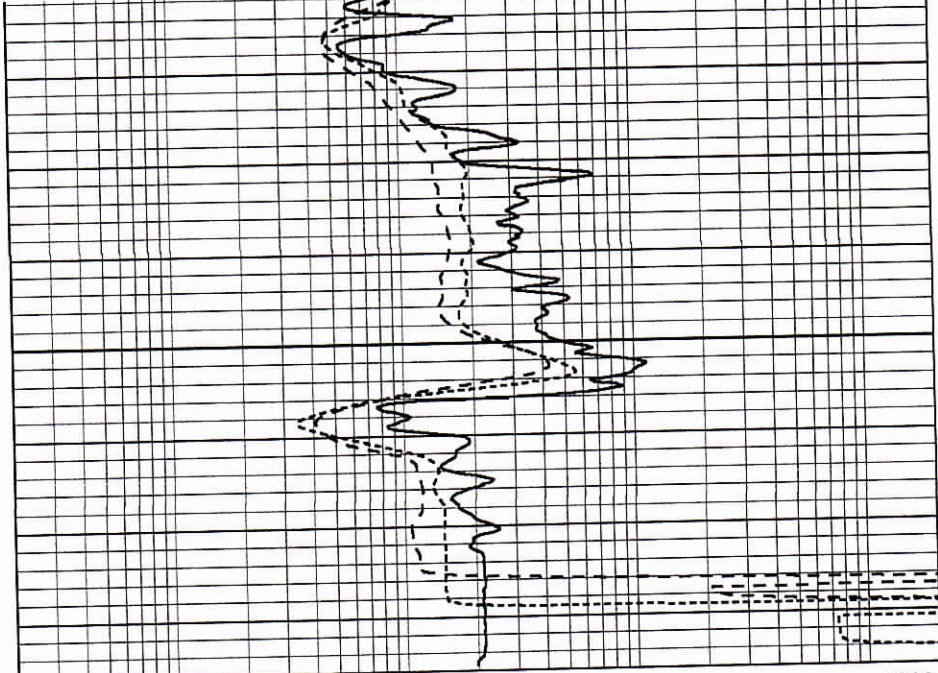


3650
3700
3750
3800





3850



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

Calibration Report

Database File: 26242ddn.db
 Dataset Pathname: pass3.4
 Dataset Creation: Wed Oct 22 11:09:32 2014 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
 Surface Cal Performed: Sat Aug 02 01:54:49 2014
 Downhole Cal Performed: Sat Jan 19 19:51:38 2013
 After Survey Verification Performed: Sat Jan 19 19:51:38 2013

Surface Calibration				References			Results	
Loop:	Readings		V	Air	Loop	mmho/m	m	b
	Air	Loop						
Deep	0.793	0.790	V	0.000	400.000	mmho/m	550.000	14.000
Medium	0.992	1.002	V	0.000	464.000	mmho/m	580.000	-32.000
Internal:				References			Results	
Internal:	Readings		V	Zero	Cal	mmho/m	m	b
	Zero	Cal						
Deep	0.041	0.642	V	0.000	400.000	mmho/m	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	mmho/m	604.936	-21.367

Downhole Calibration				References			Results	
	Readings		mmho/m	Zero	Cal	mmho/m	m'	b'
	Zero	Cal						
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154
LL3		7.322	V		1400.000	Ohm-m		
		0.038	V		20.000	Ohm-m		
		-7.273	V		4000.000	mmho-m		

After Survey Verification

Readings

Targets

Results

	readings			targets			results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1400.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		4000.000	mmho-m		

Compensated Density Calibration Report

Serial-Model: GEAR5-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Sat Aug 02 01:49:41 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	943.83	576.01	cps
Aluminum	2.610	g/cc	212.01	399.19	cps
Spine Angle = 76.20			Density/Spine Ratio = 0.585		
	Size		Reading		
Small Ring	8.40	in	1.64	V	
Large Ring	14.00	in	2.93	V	

Compensated Neutron Calibration Report

Serial Number: 080620
 Tool Model: Probe

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 46001
 Tool Model: Probe1
 Performed: Sat Aug 02 01:56:52 2014
 Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.2600 GAPI/cps