

STATE OF KANSAS }
WOODSON COUNTY } SS.

This instrument was filed for record on
the 13th day of July
A.D. 2005 at 9:00 o'clock A.M.
and duly recorded in book 86
of misc on page 352
James P. VanBuren
REGISTER OF DEEDS/DEPUTY
FEE \$12.00

AMERICAN ASSOCIATION OF PETROLEUM LANDMEN
APPROVED FORM A.A.P.L. NO. 690
MAY BE ORDERED DIRECTLY FROM THE PUBLISHER
KRAFTBILT PRODUCTS, BOX 800 TULSA, OK 74101

R. Edwards

AAPL FORM 690
OIL AND GAS LEASE
KANSAS—SHUT-IN ROYALTY, POOLING

THIS AGREEMENT, made and entered into this 27th day of June 2005, by and between Robert E. Edwards and Alberta M. Edwards, his wife called Lessor, and Edward E. Birk and Brian L. Birk, hereinafter called Lessee;

WITNESSETH:

One Dollar and Other Valuable Consideration

1. That Lessor for and in consideration of the sum of \$1.00 Dollars in hand paid, receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, the Lessee, has granted, leased and let, and does by these presents hereby grant, lease and let exclusively unto said Lessee, the lands hereinafter described, with the right to unitize this Lease or any part thereof with other Oil and Gas Leases as to all or any part of the lands covered hereby as hereinafter provided, for the purpose of carrying on geological, geophysical, or other exploration work, including core drilling and the drilling, mining, and operating for producing and saving all of the oil, gas and other hydrocarbons, and for constructing roads, laying pipelines, building tanks, storing oil, building power stations, telephone lines, and other structures thereon necessary or convenient for the economical operation of said land alone, or conjointly with neighboring lands, to produce, save, take care of, and manufacture all of such substances, and for the housing and boarding of employees, said tract of land with any reversionary rights therein, being situated in the County of Woodson State of Kansas, and more particularly described as follows:

East Half of Sec.25-Twp.23S-Rge.14E

in Section 25, Township 23S, Range 14E, containing 320 acres, more or less.

2. This Lease shall remain in force for a primary term of 1(one) years and as long thereafter as oil, gas or other hydrocarbons is or can be produced.

3. Lessee shall deliver to Lessor as royalty, free of cost, on the Lease, or into the pipeline to which the Lessee may connect its well, the equal one-eighth part of all oil produced and saved from the leased premises, or at the Lessee's option, may pay to the Lessor for such one-eighth royalty the market price for oil of like grade and gravity prevailing on the day such oil is run into the pipeline or into storage tanks.

4. Lessee shall pay to Lessor for gas produced from any oil well and used by the Lessee for the manufacture of gasoline or any other product, as royalty, one-eighth of the market value of such gas at the mouth of the well; if said gas is sold by the Lessee, then as royalty, one-eighth of the proceeds of the sale thereof at the mouth of the well. The Lessee shall pay Lessor as royalty one-eighth of the proceeds from the sale of gas as such at the mouth of the well where gas only is found. Where there is a gas well, or wells on the lands covered by this Lease or acreage pooled therewith, whether it be before or after the primary term hereof, and such well or wells are shut-in, and there is no other production, drilling operations or other operations being conducted capable of keeping this Lease in force under any of its provisions, Lessee shall pay as royalty to Lessor (and if it be within the primary term hereof such payment shall be in lieu of delay rentals) the sum of \$1.00 per year per net royalty acre, such payment to be made to the depository bank hereinafter named on or before the anniversary date of this Lease next ensuing after the expiration of 90 days from the date such well or wells are shut-in, and thereafter on the anniversary date of this Lease during the period such wells are shut-in, and upon such payment it shall be considered that this Lease is maintained in full force and effect.

5. If operations for the drilling of a well for oil or gas are not commenced on said lands on or before the 27th day of June 2006, this Lease shall terminate as to both parties unless the Lessee shall on or before said date pay or tender to the Lessor or to Lessor's credit in the _____ Bank, at _____, or its successors, which bank and its successors are the Lessor's agent, and shall continue as a depository of any and all sums payable under this Lease regardless of changes in ownership in said lands or in the oil and gas or in the rentals to accrue hereunder, the sum of \$160.00 Dollars which shall operate as a rental and cover the privilege of deferring the commencement of operations for drilling for a period of one year. In like manner and upon like payments or tenders the commencement of operations for drilling may be further deferred for like periods successively. All payments or tenders may be made by check or draft of Lessee or any assigns thereof mailed or delivered on or before the rental paying date, either direct to Lessor or his assigns, or to said depository bank, and it is understood and agreed that the consideration first recited herein, the down payment, covers not only the privilege granted to the date when said first rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred herein. Notwithstanding the death of the Lessor or his successors in interest, the payment or tender of rentals in the manner above set out shall be binding on the heirs, devisees, executors and administrators of such persons.

6. If at any time prior to the discovery of oil or gas or other hydrocarbons on this land and during the term of this Lease the Lessee shall drill a dry hole or holes on said lands, this Lease shall not terminate, provided operations for the drilling of a well shall be commenced by the next ensuing rental paying date, or provided that the Lessee begins or resumes the payment of rentals in the manner and amount hereinabove provided for, and in this event the preceding paragraphs hereof governing the payment of rentals and the manner and effect thereof shall continue in force.

7. In case said Lessor owns a lesser interest in the above described land than the entire and undivided fee simple estate therein, then the royalties and rentals herein provided for shall be paid the said Lessor only in the proportion which his interest bears to the whole and undivided fee. Failure to proportionately reduce the rental hereinabove provided for shall have no effect on the right to reduce royalties to correspond with Lessor's actual interest in the above described lands. The rental above provided for shall be increased at the next succeeding rental paying date after any reversion occurs to cover the interest so acquired by the Lessor.

8. Lessee shall have the right to use, free of cost, gas, oil and water found on said land for its operation thereon, except water from the wells of the Lessor. When required by Lessor, the Lessee shall bury its pipelines below plow depth and shall pay for damages caused by its operations to growing crops on said land. No well shall be drilled nearer than 200 feet to any house or barn now on said premises without the written consent of the Lessor. Lessee shall have the right at any time during, or after the expiration of this Lease, to remove all machinery, fixtures, houses, buildings and other structures placed on said premises, including the right to draw and remove all casing, but Lessee shall be under no obligation to do so, nor shall Lessee be under any obligation to restore the surface to its original condition where any alterations or changes were due to operations reasonably necessary under this Lease.

* Where bited "drilling" shall include "reworking". "Reworking as used in paragraphs 5 and 12 shall mean actual work done in a good faith endeavor to produce oil or gas in paying quantities from any existing well abandoned well



Reorder No.
09-163

KANSAS BLUE PRINT CO. INC.
316-264-9344 • P.O. Box 793 • Wichita, KS 67201-0793

Mid-Continent Association Form
With Overriding Royalty Reservation

(This Space Reserved for Filing Stamp)

ASSIGNMENT OF OIL AND GAS LEASE

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned,

Edward E. Birk and Brian Birk

hereinafter called Assignor (whether one or more), for and in consideration of One Dollar (\$1.00) the receipt whereof is hereby acknowledged, does hereby sell, assign, transfer and set over unto

(hereinafter called Assignee), all Working interest, subject to the overriding royalty reservation hereinafter set out, in and to the oil and gas lease dated January 2nd, 2007 from

Robert E. Edwards and Alberta M. Edwards, husband and wife

to Edward E. Birk and Brian Birk, lessor
to Edward E. Birk and Brian Birk, lessee
recorded in book S87, page 740-743 insofar as said lease covers the following described land in Woodson County, State of Kansas:

See Exhibit A

of Section _____ Township _____ Range _____ and containing 1040 acres, more or less together with the rights incident thereto and the personal property thereon, appurtenant thereto, or used or obtained in connection therewith.

The Assignor herein hereby expressly excepts, reserves and retains title to an undivided 1/16 (0.062500)

of all oil, gas and casinghead gas produced, saved and marketed from the above described land under the provisions of the aforesaid lease, or any extension or renewal thereof, as an overriding royalty, free and clear of any cost and expense of the development and operation thereof, excepting taxes applicable to said interest and the production therefrom.

And for the same consideration the Assignor covenants with the Assignee, its or his heirs, successors or assigns: That the Assignor is the lawful owner of and has good title to the interest above assigned in and to said lease, estate, rights and property, free and clear from all liens, encumbrances or adverse claims; That said lease is a valid and subsisting lease on the land above described, and all rentals and royalties due thereunder have been paid and all conditions necessary to keep the same in full force have been duly performed, and that the Assignor will warrant and forever defend the same against all persons whomsoever, lawfully claiming or to claim the same.

EXECUTED, This 1st day of May, 2008

Edward E. Birk
Edward E. Birk

Brian Birk
Brian Birk

STATE OF Kansas
COUNTY OF Coffey } ss. ACKNOWLEDGMENT FOR INDIVIDUAL

Before me, the undersigned, a Notary Public, within and for said County and State, on this 21st day of March, 2008, personally appeared Edward E. Birk and Brian Birk

to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My commission expires January 22, 2012



LAURA C. BIRK
Notary Public - State of Kansas

Notary Public

Reorder No.
09-163



Mid-Continent Association Form
With Overriding Royalty Reservation

(This Space Reserved for Filing Stamp)

ASSIGNMENT OF OIL AND GAS LEASE

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned,

Edward E. Birk and Brian L. Birk

hereinafter called Assignor (whether one or more), for and in consideration of One Dollar (\$1.00) the receipt whereof is hereby acknowledged, does hereby sell, assign, transfer and set over unto

(hereinafter called Assignee), 100% working (0.80000 NRI) interest, subject to the overriding royalty reservation hereinafter set out, in and to the oil and gas lease dated June 27th, ~~xx~~ 2005, from

Robert E. Edwards and Alberta M. Edwards, his wife

_____, lessor.
to Edward E. Birk and Brian L. Birk, lessee
recorded in book 86 misc, page 352 insofar as said lease covers the following described land in
Woodson County, State of Kansas:

The East Half

of Section 25 Township 23S Range 14E and containing 320 acres, more or less together with the rights incident thereto and the personal property thereon, appurtenant thereto, or used or obtained in connection therewith.

The Assignor herein hereby expressly excepts, reserves and retains title to an undivided 0.075000 (7.5%)

of all oil, gas and casinghead gas produced, saved and marketed from the above described land under the provisions of the aforesaid lease, or any extension or renewal thereof, as an overriding royalty, free and clear of any cost and expense of the development and operation thereof, excepting taxes applicable to said interest and the production therefrom.

And for the same consideration the Assignor covenants with the Assignee, its or his heirs, successors or assigns: That the Assignor is the lawful owner of and has good title to the interest above assigned in and to said lease, estate, rights and property, free and clear from all liens, encumbrances or adverse claims; That said lease is a valid and subsisting lease on the land above described, and all rentals and royalties due thereunder have been paid and all conditions necessary to keep the same in full force have been duly performed, and that the Assignor will warrant and forever defend the same against all persons whomsoever, lawfully claiming or to claim the same.

EXECUTED, This 1st day of May, 192008

Edward E. Birk
Edward E. Birk

Brian L. Birk
Brian L. Birk

STATE OF Kansas
COUNTY OF Coffey } ss. ACKNOWLEDGMENT FOR INDIVIDUAL

Before me, the undersigned, a Notary Public, within and for said County and State, on this 21st day of March, 192008, personally appeared Edward E. Birk and Brian L. Birk

to me personally known to be the identical person S who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My commission expires January 22, 2012



LAURA C. BIRK

Notary Public - State of Kansas

Notary Public

9. If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to the heirs, devisees, executors, administrators, successors and assigns, but no change of ownership in the lands or in the rentals or royalties, or any sum due under this Lease shall be binding on the Lessee until it has been furnished with either the original recorded instrument of the conveyance or a duly certified copy thereof, or a certified copy of the Will of any deceased owner and the probate thereof, or a certified copy of the proceedings showing the appointment of an administrator of the estate of any deceased owner, whichever is appropriate, together with all original recorded instruments of conveyance or duly certified copies thereof necessary to show a complete chain of title back to Lessor to the full interest claimed, and all advanced payment of rentals made hereunder before receipt of such documents shall be binding on any direct or indirect assignee, grantee, devise, administrator, executor or heir of the Lessor.

10. No change or division in the ownership of the land, rentals or royalties, however accomplished, shall operate to enlarge the obligation, nor diminish the rights of the Lessee. In the event of assignment hereof in whole or in part, liability for breach of any obligation hereunder shall rest exclusively upon the owner of this Lease, or portion thereof who commits such breach. There shall be no obligation on the part of the Lessee to offset wells on separate tracts into which the lands covered by this Lease may be divided by sale, devise, descent or otherwise, or to furnish separate measuring or receiving tanks. It is further agreed that in the event this Lease shall be assigned as to a part or as to parts of the above described land and the holder or owner of any such part or parts shall make default in the payment of the proportionate part of the rental due from him, such default shall not operate to defeat or affect this Lease insofar as it covers a part of said land upon which the Lessee or any assignee hereof shall make due payment of said rentals. If six or more parties become entitled to royalty payments hereunder Lessee may withhold payment thereof unless and until furnished with a recordable instrument executed by all such parties designating an agent to receive payment for all.

11. Lessor hereby warrants and agrees to defend title to the lands herein described and agrees that the Lessee at its option may pay and discharge in whole or in part any taxes, mortgages or other liens existing, levied or assessed on or against the above described land and in the event it exercises such option it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying to the discharge of any such mortgage, tax or other lien, any royalty, shut-in royalty, or rentals accruing hereunder.

12. Notwithstanding anything in this Lease contained to the contrary, it is expressly agreed that if the Lessee shall commence operations for drilling at any time while this Lease is in force, this Lease shall remain in force and its terms shall continue so long as such operations are prosecuted and, if production results therefrom, then as long as production continues.

13. If within the primary term of this Lease, production on the leased premises shall cease from any cause, this Lease shall not terminate provided operations for the drilling of a well shall be commenced before or on the next ensuing rental paying date; or, provided lessee begins or resumes the payment of rentals in the manner and amount hereinbefore provided. If, after the expiration of the primary term of this Lease, production on the leased premises shall cease from any cause, this lease shall not terminate provided lessee resumes operations for drilling a well within sixty (60) days from such cessation, and this lease shall remain in force during the prosecution of such operations and, if production results therefrom, then as long as production continues.

14. Lessee may at any time surrender or cancel this Lease in whole or in part by delivering or mailing a release to the Lessor, or by placing same of record in the proper county. In case said Lease is surrendered and cancelled as to only a portion of the acreage covered thereby, then all payments and liabilities thereafter accruing under the terms of said Lease as to the portion cancelled shall cease and terminate and any rentals thereafter paid may be apportioned on an acreage basis, but as to the portion of the acreage not released the terms and provisions of this Lease shall continue and remain in full force and effect for all purposes.

15. All provisions hereof, express or implied, shall be subject to all federal and state laws and the orders, rules, or regulations (and interpretations thereof) of all governmental agencies administering the same, and this Lease shall not be in any way terminated wholly or partially nor shall the Lessee be liable in damages for failure to comply with any of the express or implied provisions hereof if such failure accords with any such laws, orders, rules or regulations (or interpretations thereof). If Lessee should be prevented during the last six months of the primary term hereof from drilling a well hereunder by the order of any constituted authority having jurisdiction thereover, or if Lessee should be unable during said period to drill a well hereunder due to equipment necessary in the drilling thereof not being available on account of any cause, the primary term of this Lease shall continue until six months after said order is suspended and/or said equipment is available, but the Lessee shall pay delay rentals herein provided during such extended time.

16. Lessee at its option, is hereby given the right and power to voluntarily pool or combine the lands covered by this Lease, or any portion thereof, as to oil and gas or either of them, with any other land, lease or leases adjacent thereto, when in Lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said premises, such pooling to be into units not exceeding eighty (80) acres for an oil well plus a tolerance of 10%, and not exceeding six hundred forty (640) acres, for a gas well plus a tolerance of 10%, except that larger units may be created to conform to any spacing or well unit pattern that may be prescribed by governmental authorities having jurisdiction. Lessee shall execute in writing and record in the County Records an instrument identifying and describing the pooled acreage. The entire acreage so pooled into units shall be treated for all purposes, except the payment of royalties, as if it were included in this Lease, and drilling or reworking operations thereon, or production of oil or gas or other hydrocarbons therefrom, or the completion thereon of a well as a shut-in gas well, shall be considered for all purposes, except the payment of royalties, as if such operations were on or such production were from, or such completion were on the lands covered by this Lease, whether or not the well or wells be located on the premises actually covered by this Lease. In lieu of royalties elsewhere herein specified, including shut-in gas royalties, Lessor shall receive from a unit so formed only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit, or his royalty interest therein, bears to the total acreage so pooled.

This Lease and all its terms, covenants and conditions shall extend to and be binding on all successors of said Lessor and Lessee.

IN WITNESS WHEREOF this instrument is executed on the day and year first above written.

* Tank bottoms and brine may be applied to lease roads

Robert E. Edwards
Robert E. Edwards SSN#
Alberta M. Edwards
Alberta M. Edwards SSN#

STATE OF Kansas

COUNTY OF Coffey

} SS.

ACKNOWLEDGMENT FOR INDIVIDUAL

Before me, the undersigned, a Notary Public, within and for said County and state, on this 27th day of June

2005, personally appeared Robert E. Edwards
and Alberta M. Edwards

to me personally known to be the identical person S who executed the within and foregoing instrument and acknowledged to me that they
executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written

My commission expires February 1, 2008

Linda K. Birk
Notary Public



STATE OF

COUNTY OF

} SS.

ACKNOWLEDGMENT FOR INDIVIDUAL

Before me, the undersigned, a Notary Public, within and for said County and state, on this _____ day of _____

19_____, personally appeared _____
and _____

to me personally known to be the identical person _____ who executed the within and foregoing instrument and acknowledged to me that
executed the same as _____ free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written

My commission expires _____

Notary Public

STATE OF

COUNTY OF

} SS.

ACKNOWLEDGMENT FOR CORPORATION

On this _____ day of _____, A.D., 19_____, before me, the undersigned, a Notary
Public in and for the county and state aforesaid, personally appeared _____

to me personally known to be the identical person who signed the name of the maker thereof to the within and foregoing instrument as its
President and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed, and as the free
and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

My commission expires _____

Notary Public

**BIRK PETROLEUM
900 SOUTH 4TH ST
BURLINGTON, KS 66839
OP: #31280**

DATE: 10/27/2009	LEASE: R. EDWARDS
Edward E Birk	WELL: 7
302 South 16 th	Description: 2840' FSL; 2340' FEL; 25-23-14E
Burlington, Ks 66839	County: Woodson
Spud: 10/21/09 T.D.: 10/26/09 Complete: 10/27/09	API: 15-207-27517-0000

FORMATIONS	FROM	TO	FORMATIONS	FROM	TO
Top Soil	0	2	Shale	697	712
Clay	2	25	Lime	712	734
Shale	25	28	Shale	734	770
Lime	28	30	Red Shale	770	780
Shale	30	39	Shale	780	791
Lime	39	41	Lime	791	794
Shale	41	97	Shale	794	797
Lime	97	100	Lime	797	870
Black Shale	100	102	Shale	870	872
Lime	102	104	Lime	872	886
Red Shale	104	132	Shale	886	891
Lime	132	144	Lime	891	919
Shale	144	166	Shale	919	1091
Lime	166	173	Lime	1091	1102
Shale	173	201	Shale	1102	1161
Sandy Shale	201	212	Lime	1161	1170
Sandy Lime	212	288	Shale	1170	1241
Lime	288	293	Oil Sand	1241	1251
Shale	293	298	Shale	1251	1453
Lime	298	302	Black Coal	1453	1463
Shale	302	466	Shale	1463	1466
Lime	466	476	Sand	1466	1486
Shale	476	478	Shale	1486	1608
Lime	478	521	Top Mississippi	1608	
Shale	521	535	Break-fair odor/fluorescence/show oil	1613	1618
Lime	535	558	Break -fair odor/fluorescence/good stain	1626	1634
Shale	558	567	T.D. 1665'		
Lime	567	571			
Shale	571	580			
Lime	580	656			
Shale	656	666			
Lime	666	682			
Shale	682	683			
Lime	683	697			

Surface bit: 12 1/4"	Surface Casing Length: 40'	Size: 8 5/8"	Cement: 20 sx Portland
Drill bit: 6 3/4"	T.D.: 1665'	Long String: 1655'	Size: 4 1/2"



MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES

P.O. Box 68, Osawatomie, KS 66064

913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company Edward E. Birk

Well R. Edwards No. - 7

Field Winterschied

County Woodson State Kansas

Location

2840' FSL & 2340' FEL
NE/4

Other Services

Perforate

Elevation

Sec. 25 Twp. 23S Rge. 14E
Permanent Datum GL
Log Measured From GL
Drilling Measured From GL

Elevation
KB NA
DF NA
GL NA

API # 15-207-27,517

ate	11-02-2009					
un Number	One					
epth Driller	1665.0					
epth Logger	1655.0					
ottom Logged Interval	1654.0					
op Log Interval	20.0					
uid Level	Full					
/pe Fluid	Water					
ensity / Viscosity	NA					
alinity - PPM Cl	NA					
ax Recorded Temp	NA					
estimated Cement Top	0.0					
quipment No.	107	Osawatomie				
ecorded By	Steve Windisch					
itnessed By	Ed Birk					
RUN	BORE-HOLE RECORD			CASING RECORD		
No.	BIT	FROM	TO	SIZE	Wt. 1	FROM
One	12.25"	0.0	40.0	8.625"		0.0
Two	6.75"	40.0	1665.0	4.50"		0.0

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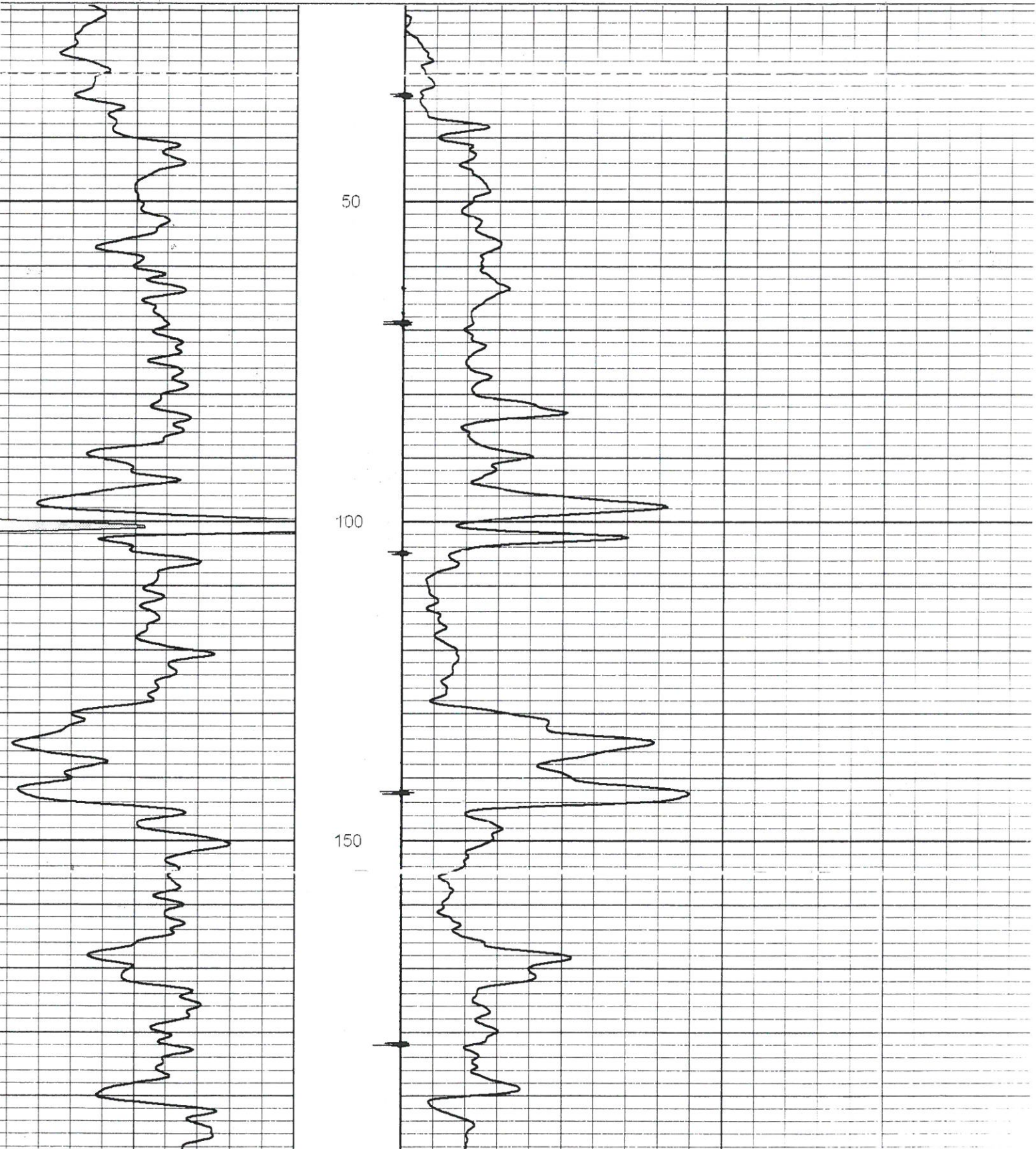
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

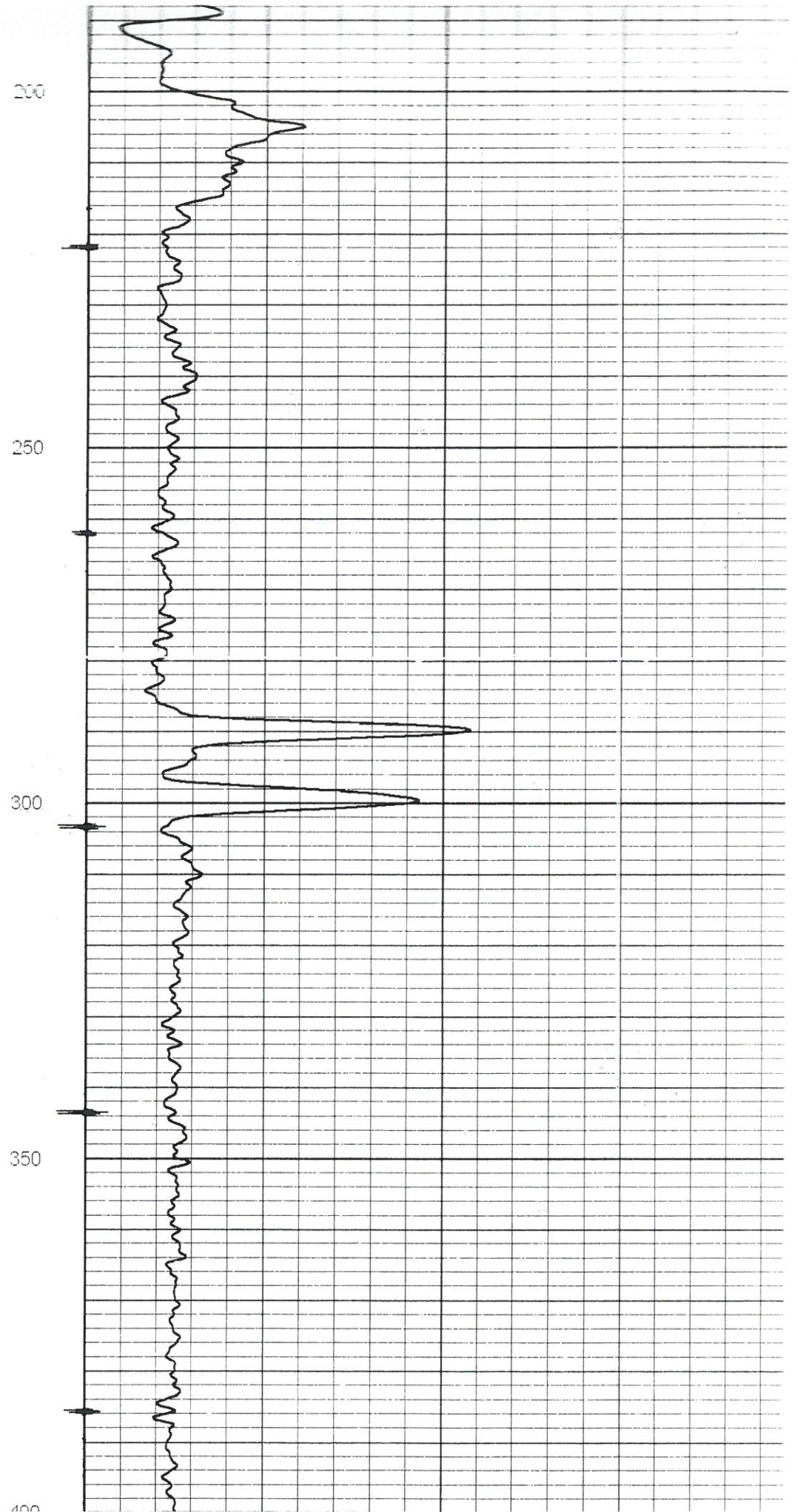
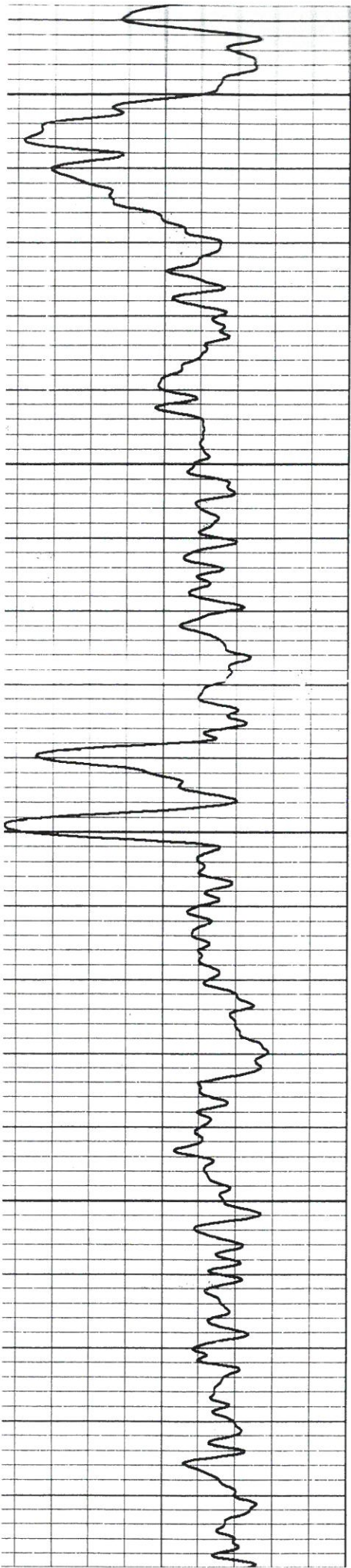
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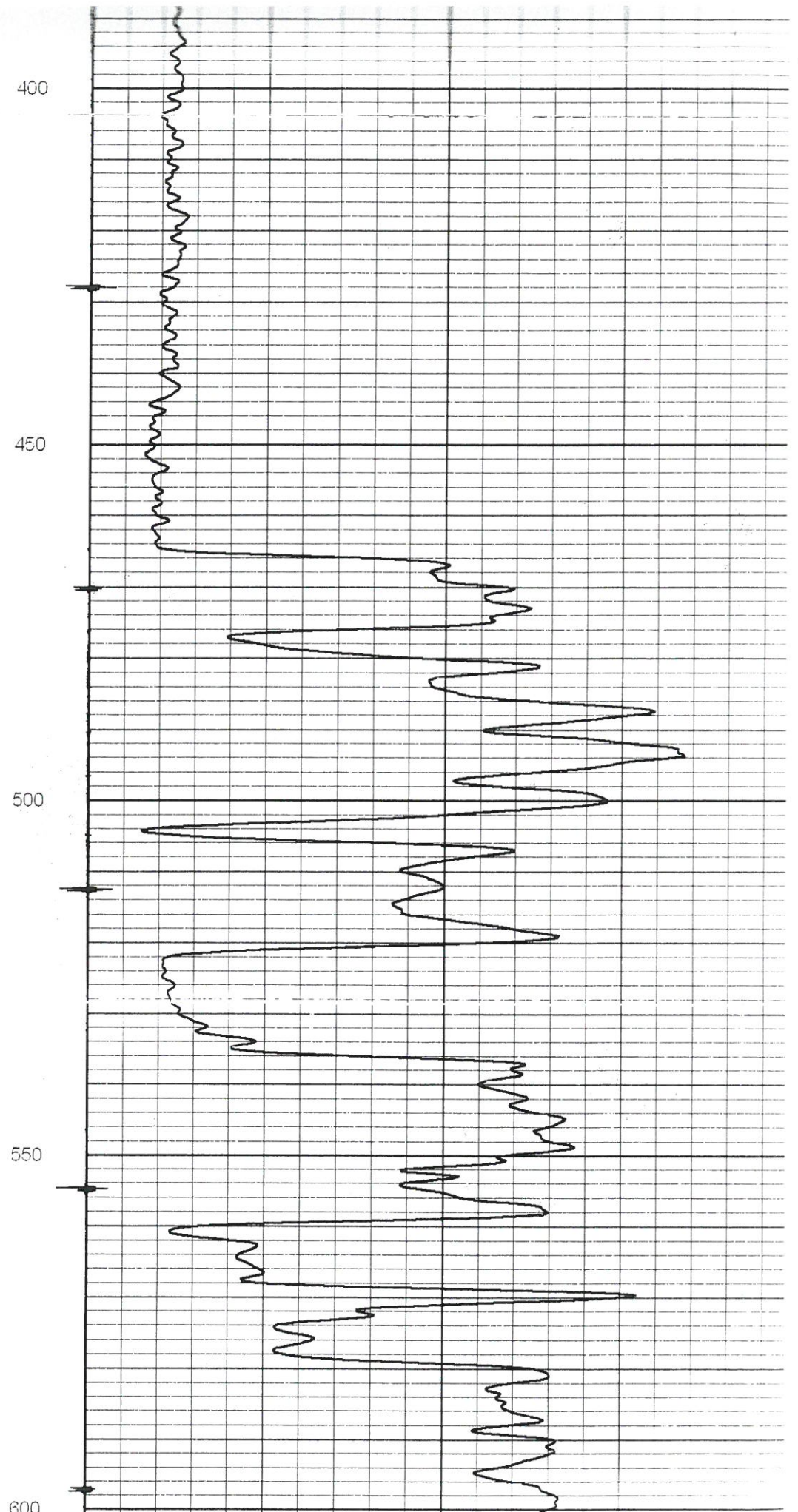
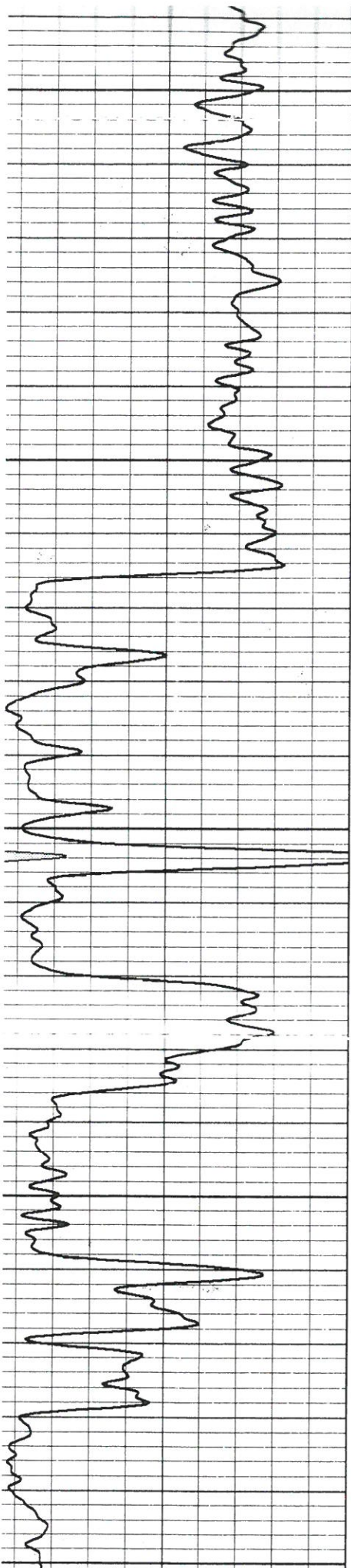
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B&B Oilfield Services

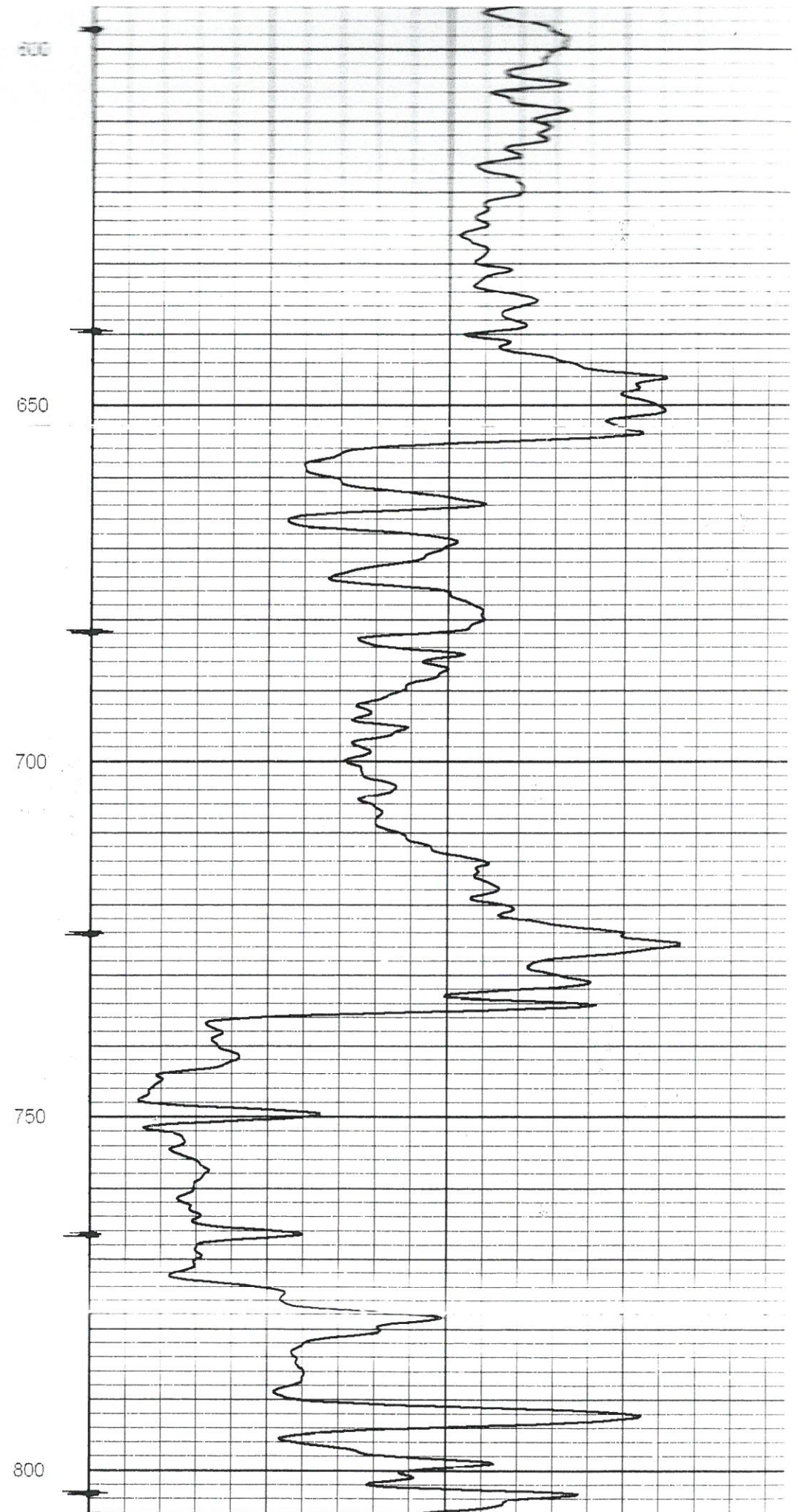
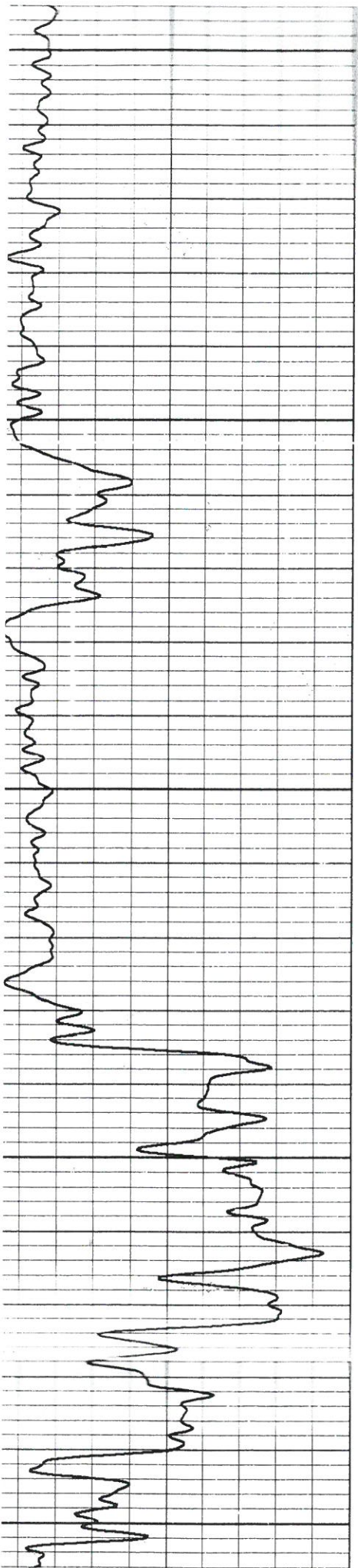
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Dataset Pathname: pass1
Presentation Format: gr-n-pcl
Dataset Creation: Mon Nov 02 10:17:37 2009 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

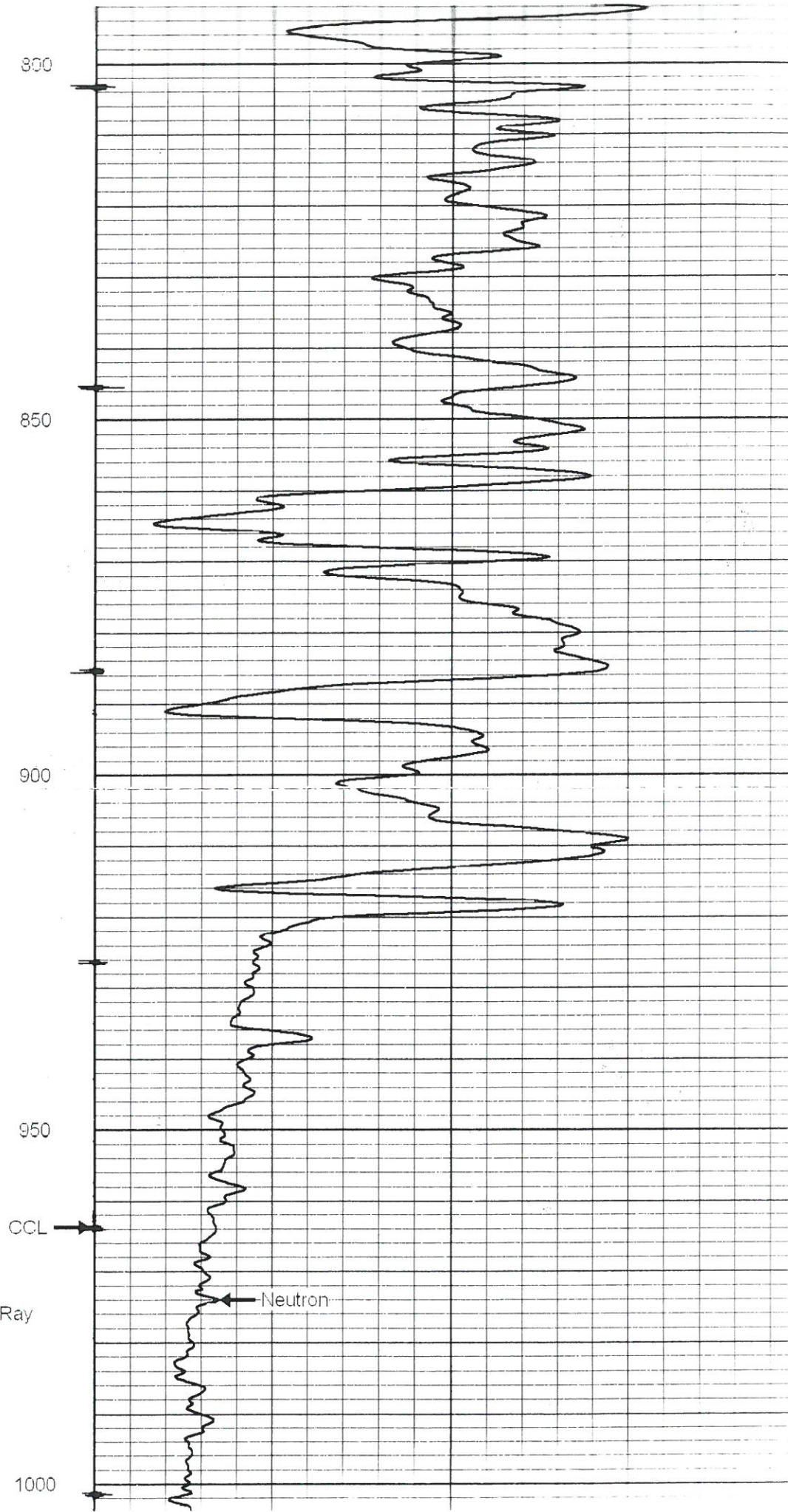
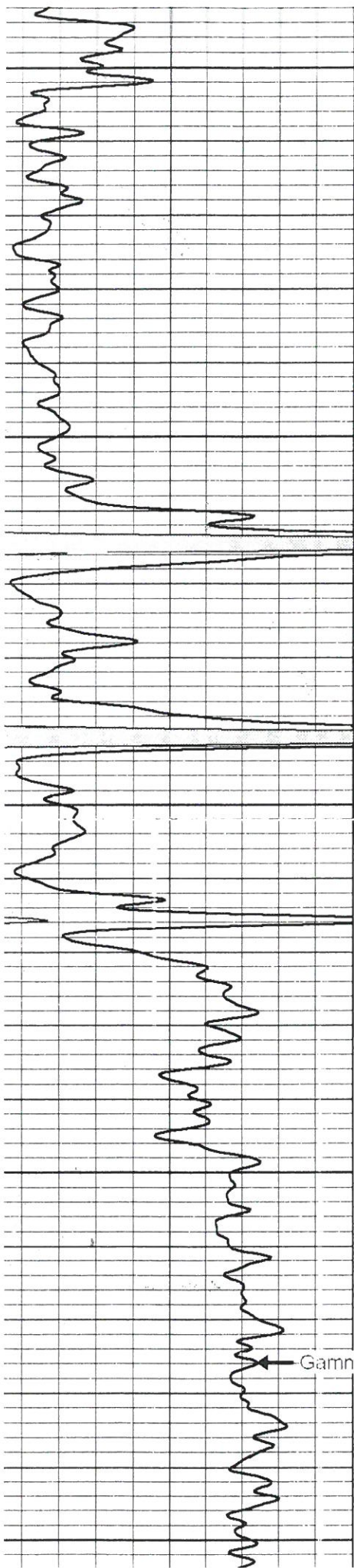
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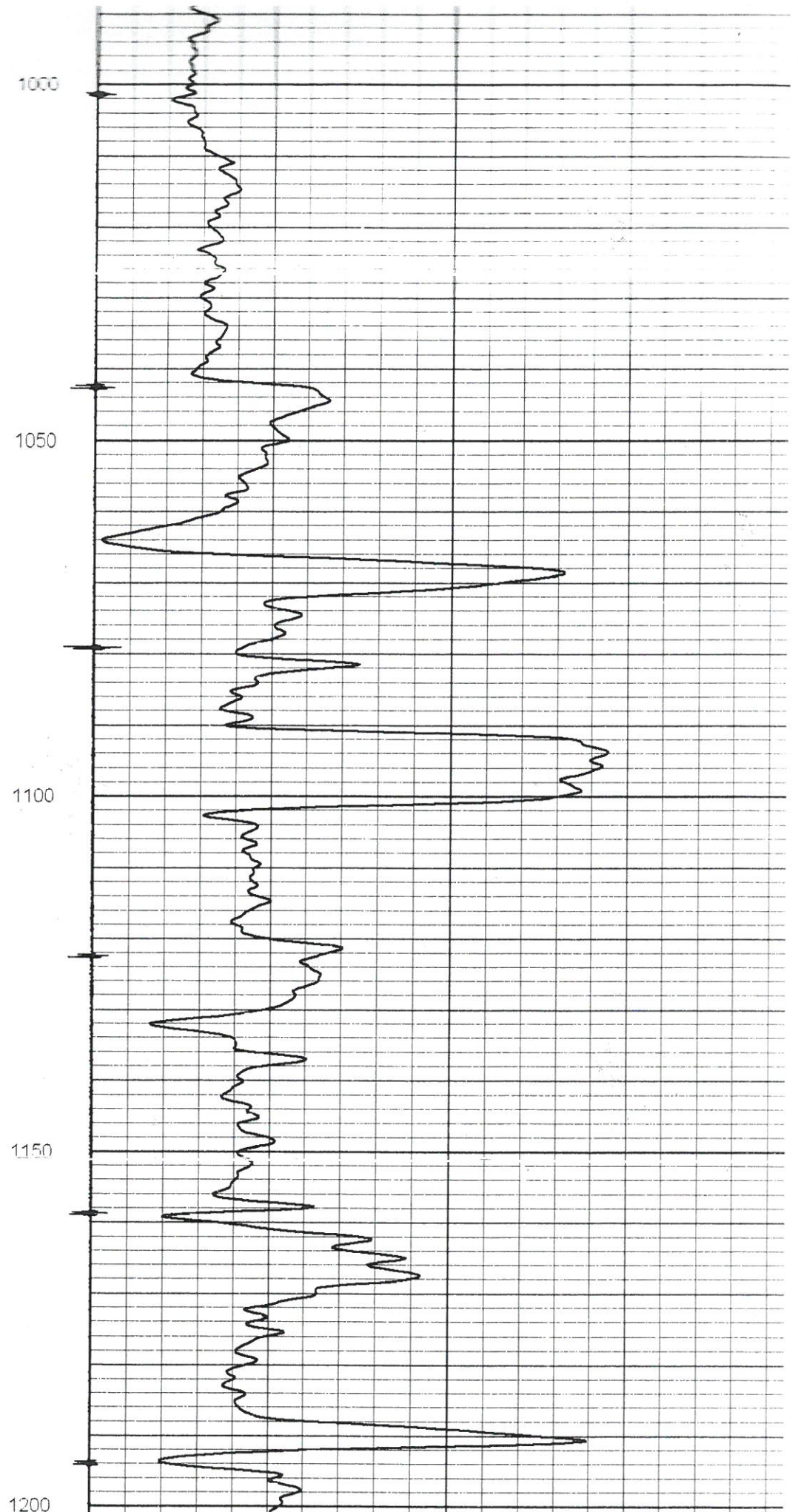
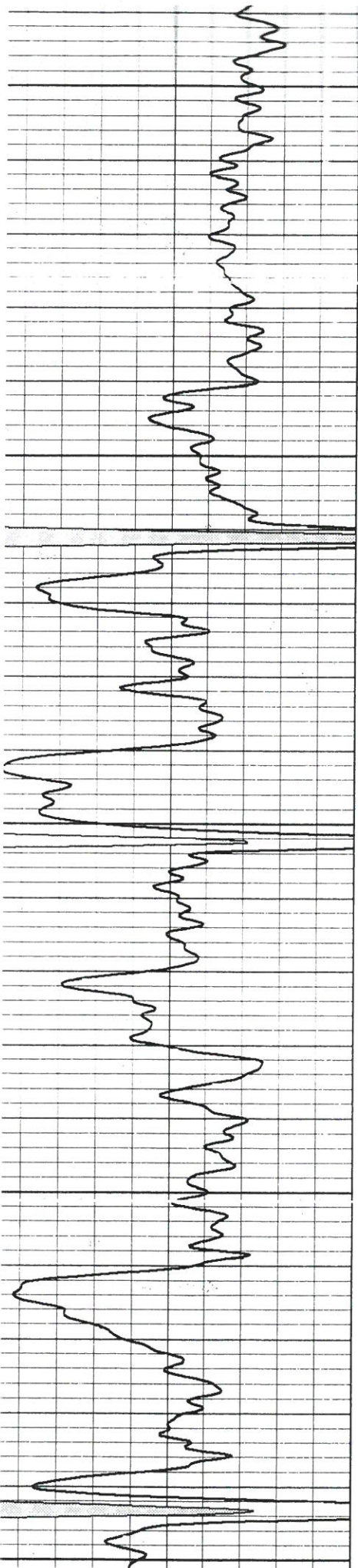


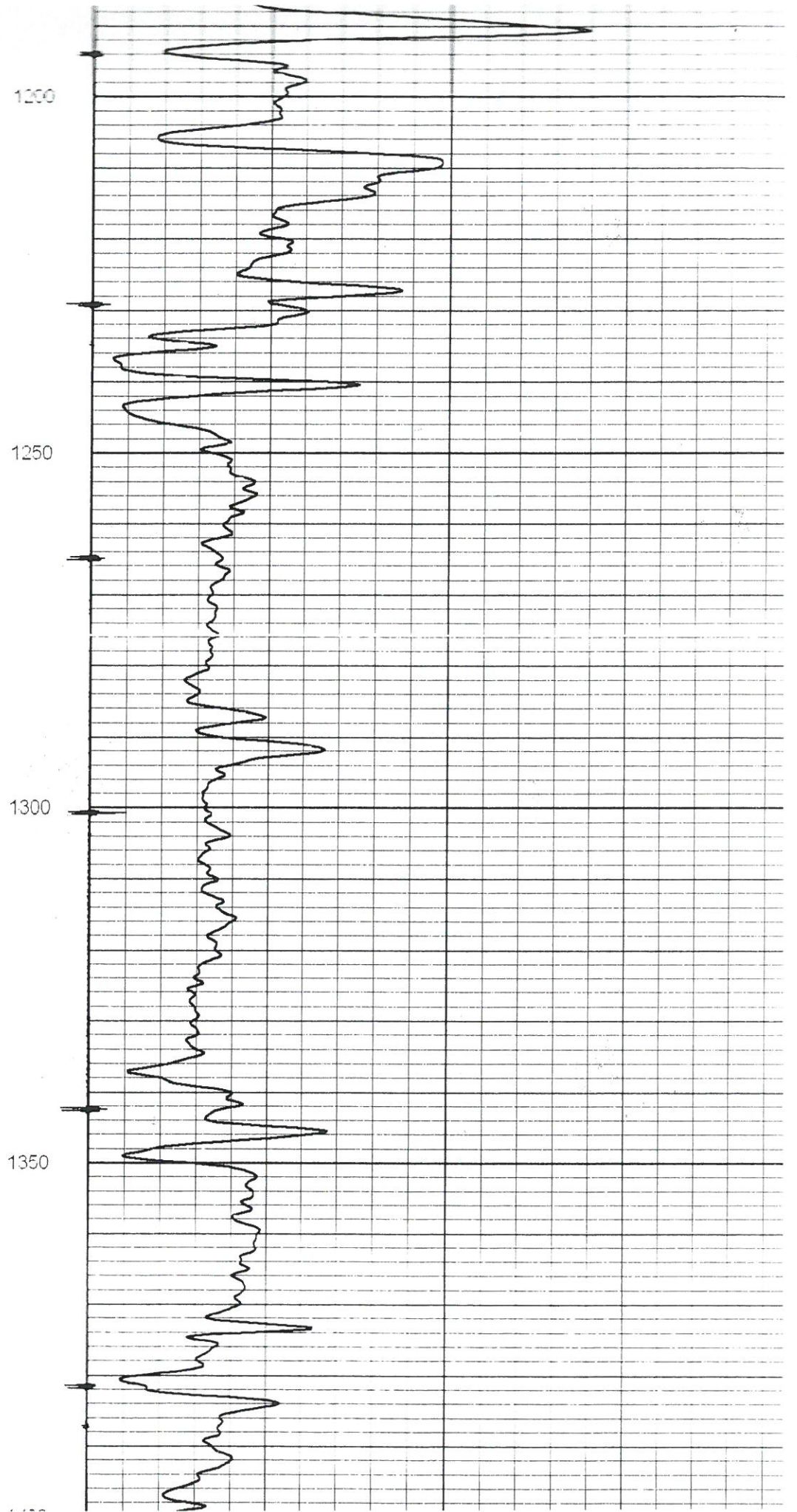
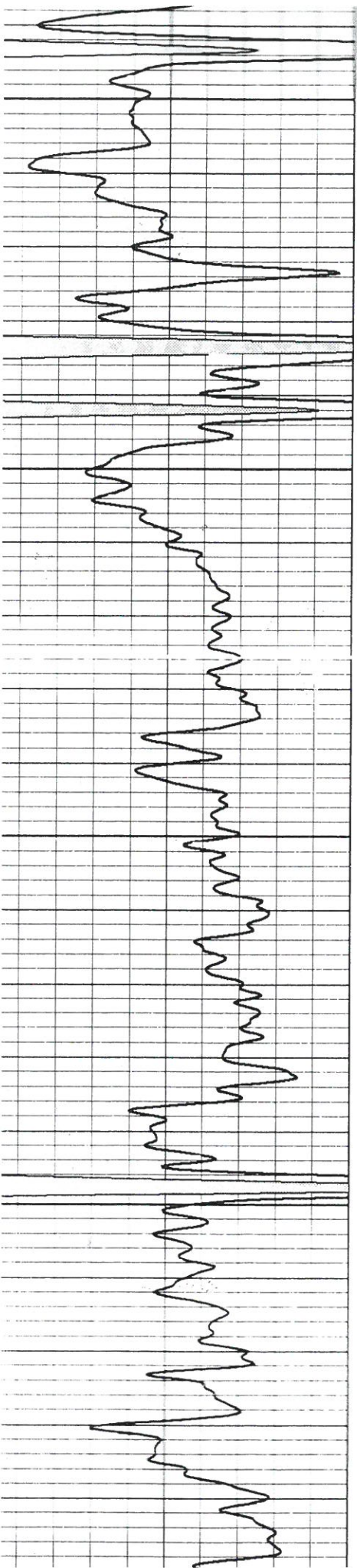


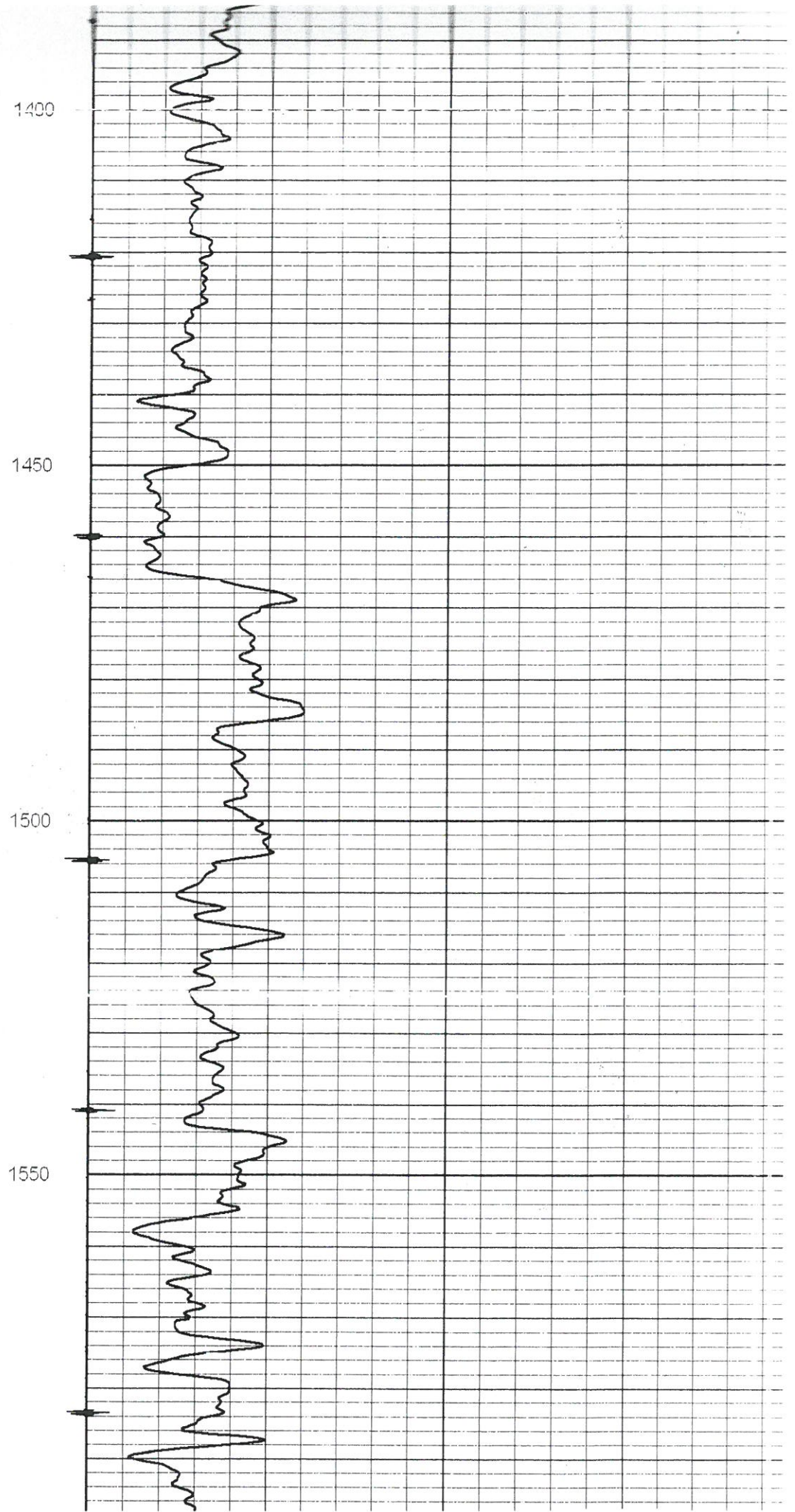
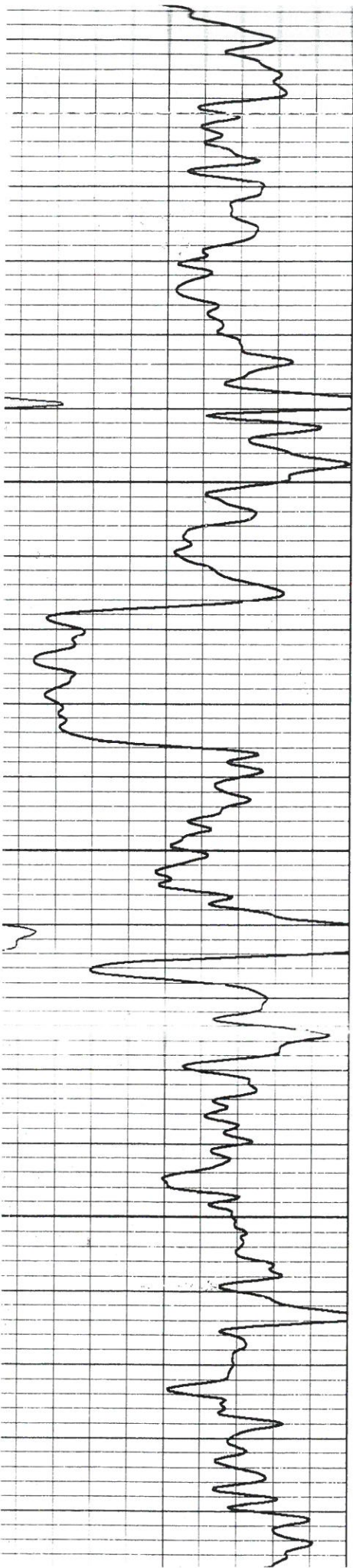


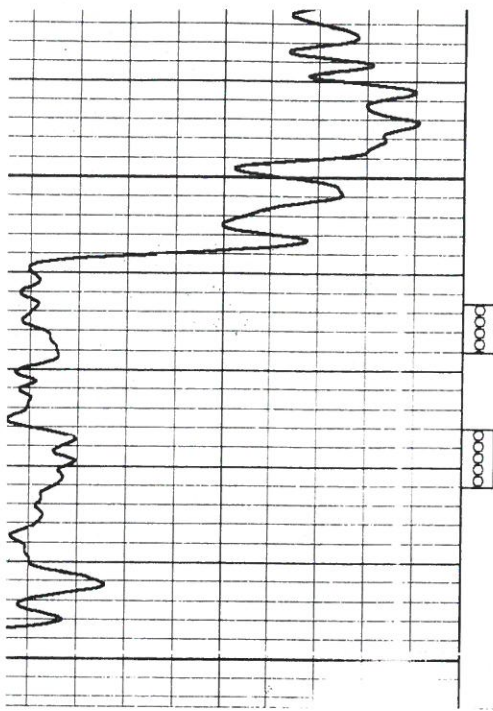








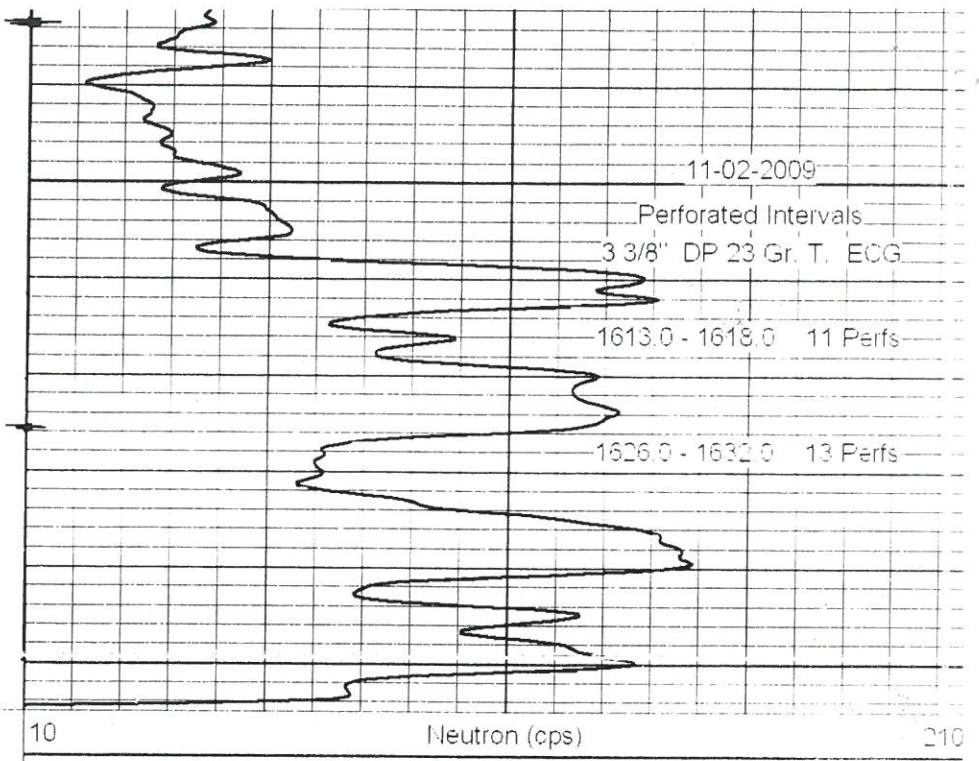




Gamma Ray (cps)

1600

1650



Neutron (cps)

10

210

TOP WIRELINE SERVICES, INC.

P.O. Box 336 - Chanute, Kansas 66606

FILING NO.

COMPANY WAYNE BROWN

WELL ROBERT EDWARDS NO. 6

FIELD

COUNTY WOODSON COUNTY, KANSAS

LOCATION:

E2

3660' 552
1300' 1222

OTHER

SEC 25 TWP 23S RGE 14E

PERMANENT DATUM:

G.L.

ELEV.

FT. ABOVE PERM. DATUM

ELEV.

LOG MEASURED FROM

G.L.

FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

G.L.

DATE

4-12-86

4-12-86

RUN NO.

1 NW

1 NW

TYPE LOG

GAMMA RAY

NEUTRON

DEPTH-DRILLER

DEPTH-LOGGER

1665.0'

1665.0'

BOTTOM LOGGED INTERVAL

1659.7'

1664.0'

TOP LOGGED INTERVAL

9.0'

13.3'

TYPE FLUID IN HOLE

WATER

WATER

DENSITY

LEVEL

FULL

FULL

OPERATING RIG TIME

RECORDED BY

LEONARD, G.

LEONARD, G.

WITNESSED BY

BROWN, W.

BROWN, W.

RUN

BORE-HOLE RECORD

CASING RECORD

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

4 1/2"

0

1600

1650

PERFORATIONS:

12 Shots + 1633' to 1644'

(3 1/2" ALUMINUM)

APRIL 23, 1986

R.D. 1659.7'

T.D. 1665.0'

R.D. 1664.0'

T.D. 1665.0'

P.O. Box 336 - Chanute, Kansas 66720

FILING NO.

COMPANY WAYNE BROWN

WELL ROBERT EDWARDS NO. 6

FIELD

COUNTY WOODSON COUNTY, KANSAS

LOCATION: E2

3960' FSL
1300' FSL

OTHER SERVICES:

SEC 25 TWP 23S RGE 14E

ELEV. K.B.

D.F.

G.L.

ELEV.

FT. ABOVE PERM. DATUM

G.L.

G.L.

PERMANENT DATUM
LOG MEASURED FROM
DRILLING MEASURED FROM

DATE 4-12-86

RUN NO. 1 NW

TYPE LOG GAMMA RAY

DEPTH-DRILLER 1665.0'

DEPTH-LOGGER 1659.7'

BOTTOM LOGGED INTERVAL 1664.0'

TOP LOGGED INTERVAL 9.0'

TYPE FLUID IN HOLE WATER

DENSITY FULL

LEVEL FULL

OPERATING RIG TIME

RECORDED BY LEONARD, G.

WITNESSED BY BROWN, W.

BORE-HOLE RECORD

CASING RECORD

NO. BIT FROM TO SIZE WGT FROM TO

4 1/2" 0 T.D.

FOLD HERE

HOIST TRUCK NO.	41
INSTRUMENT TRUCK NO.	
TOOL SERIAL NO.	GO TOOL

REFERENCE LITERATURE:

REMARKS

DRILLING CONTRACTOR:
GEOLOGIST:

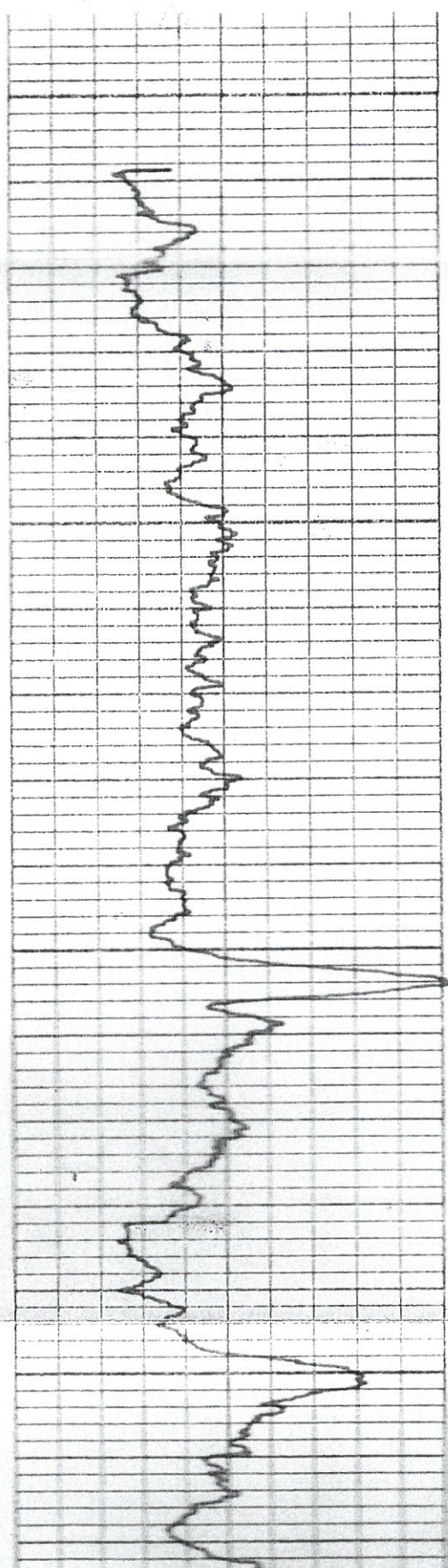
GAMMA RAY DEPTH NEUTRON

CASING
COLLAR

GAMMA RAY

NEUTRON

CASING
COLLARS

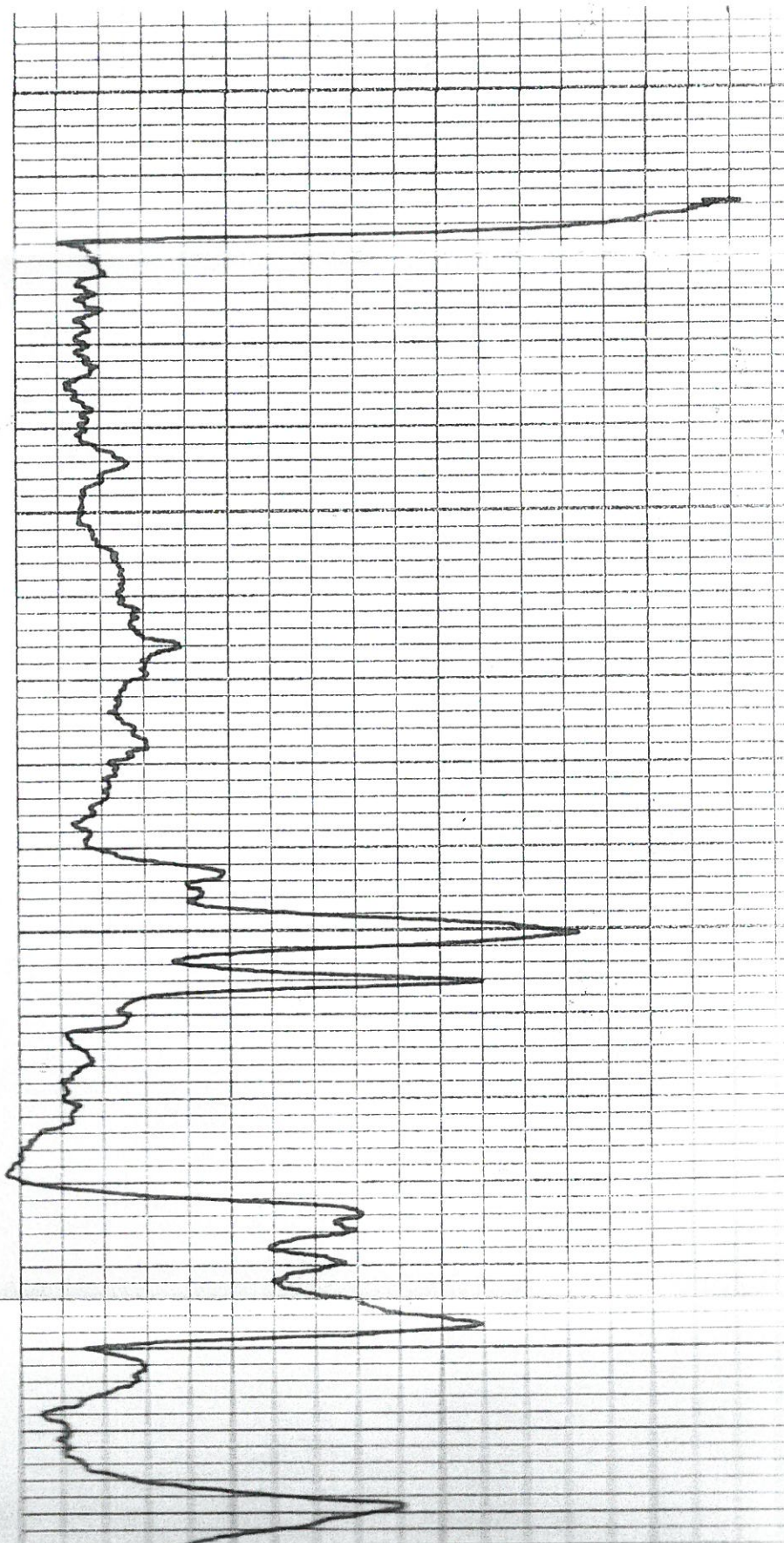


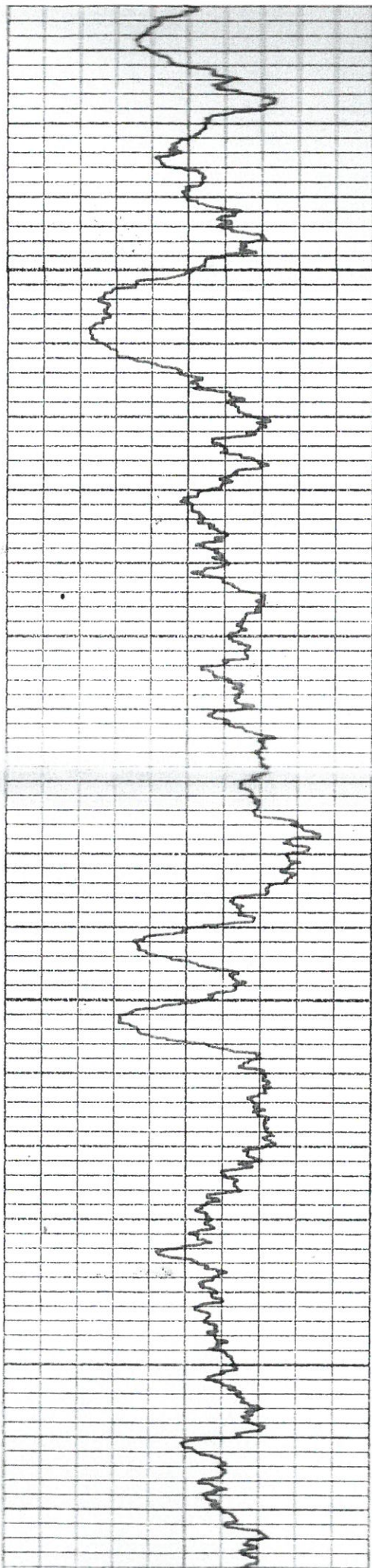
0

50

100

150



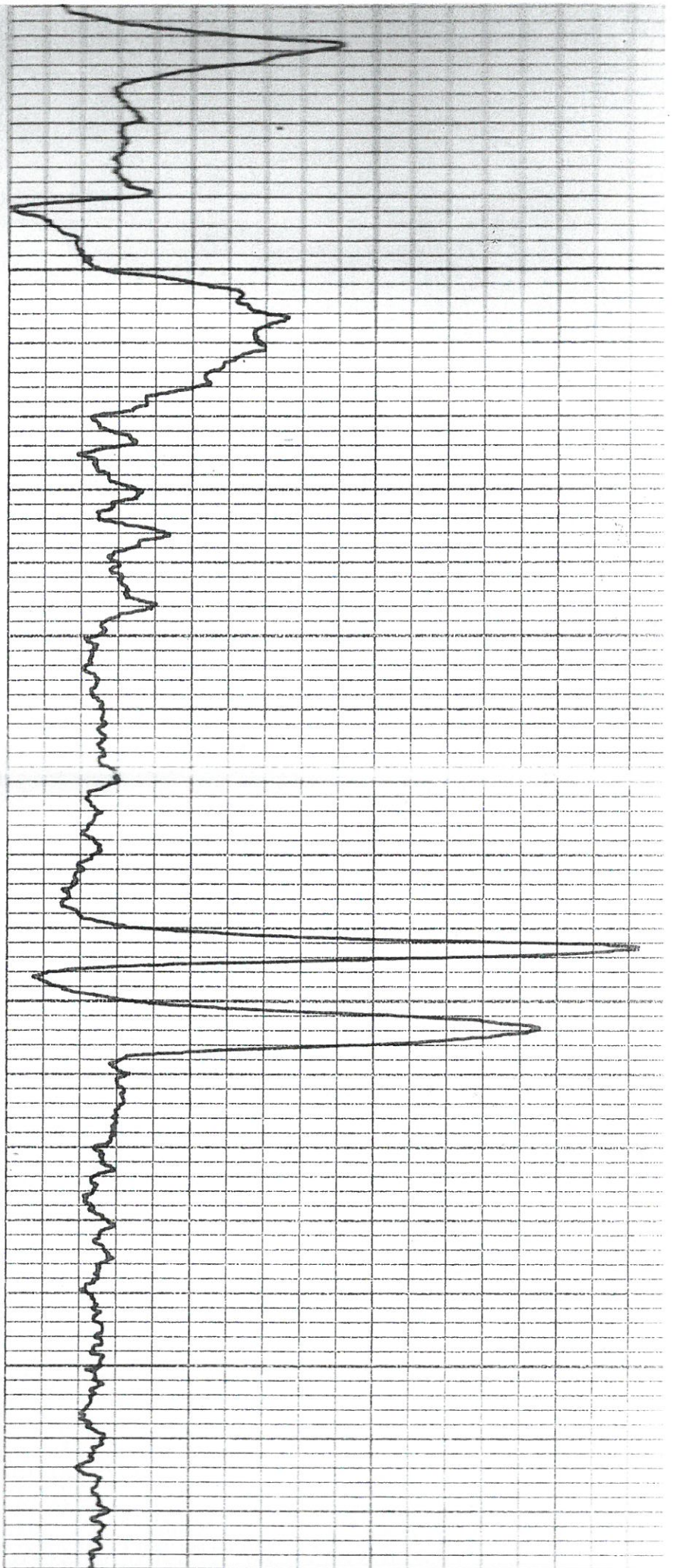


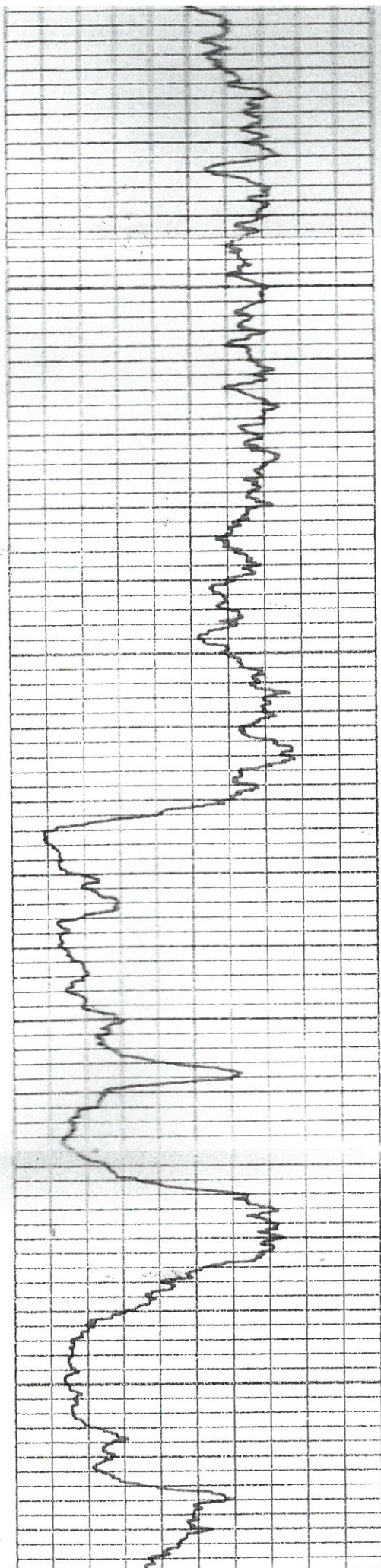
200

250

300

350



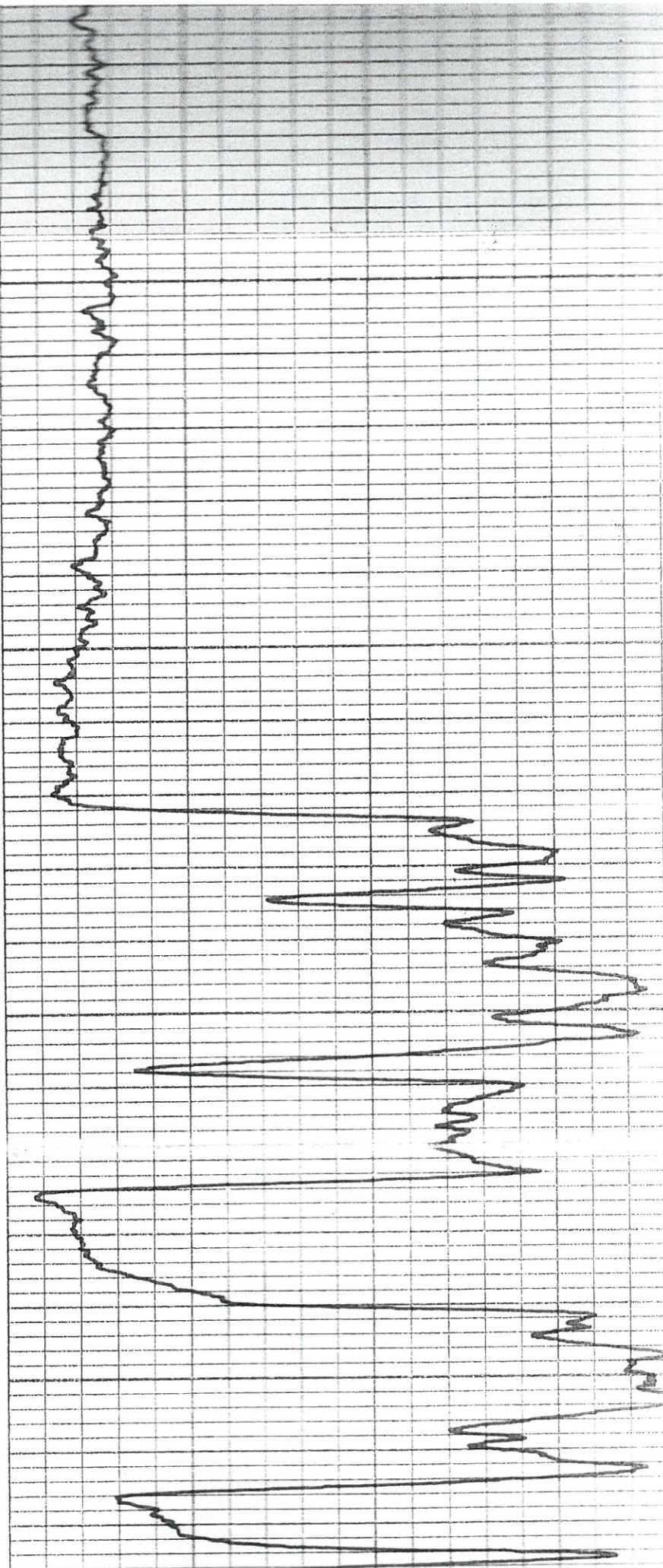


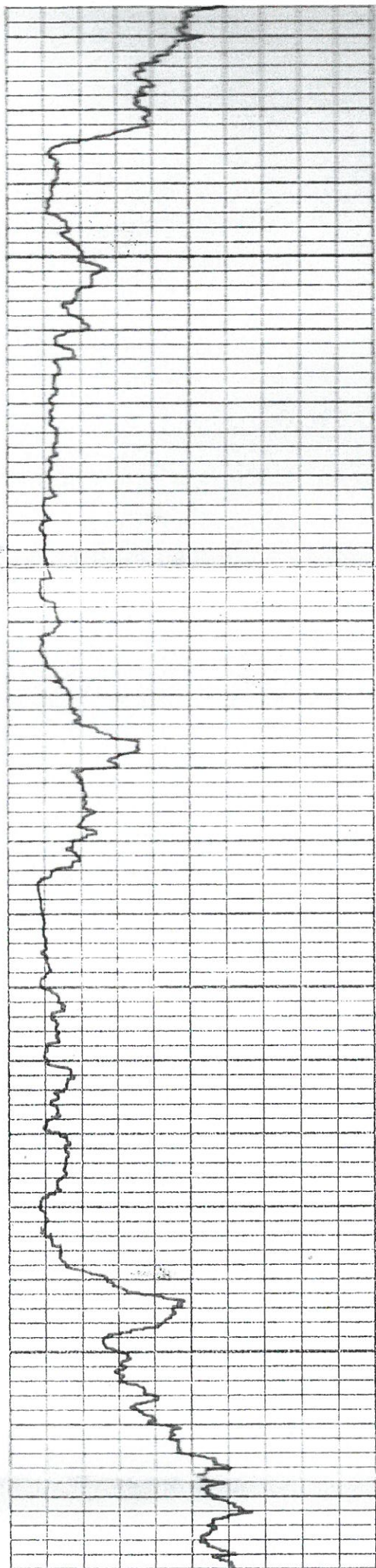
400

450

500

550



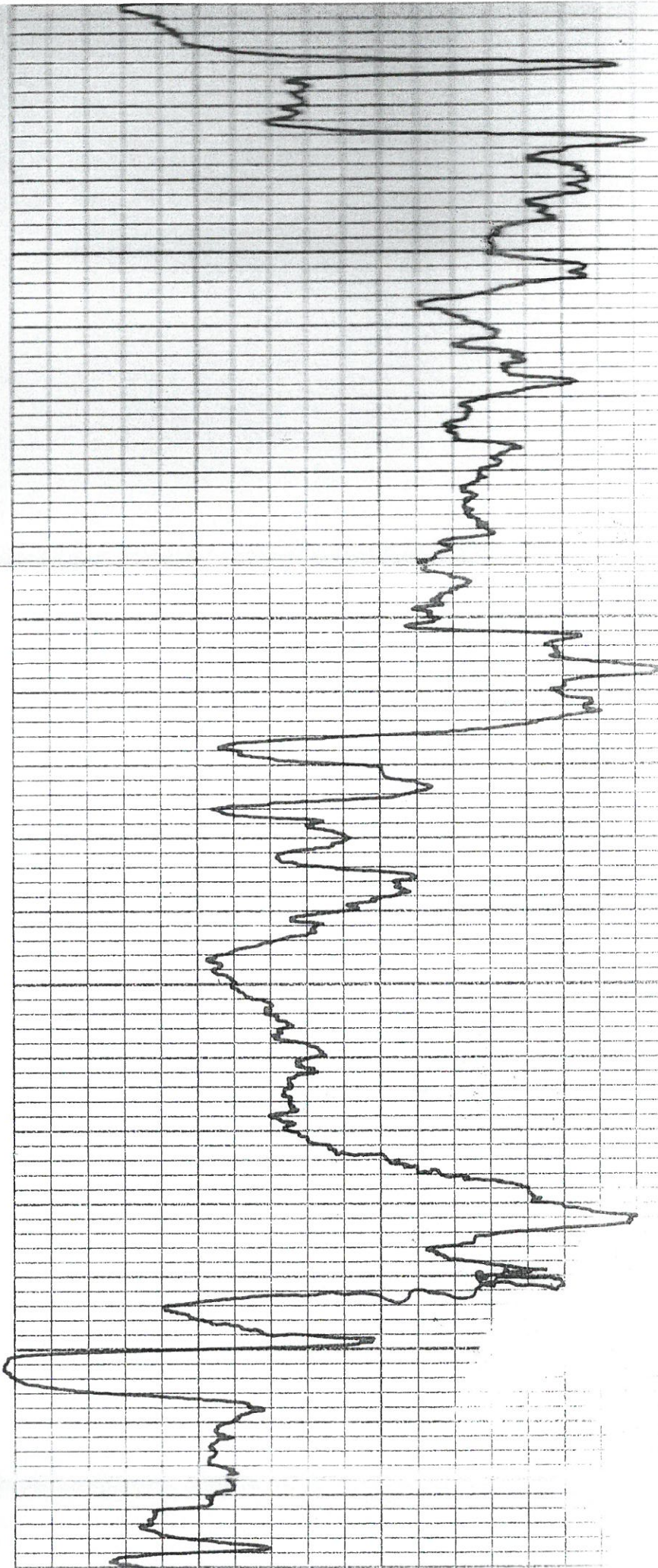


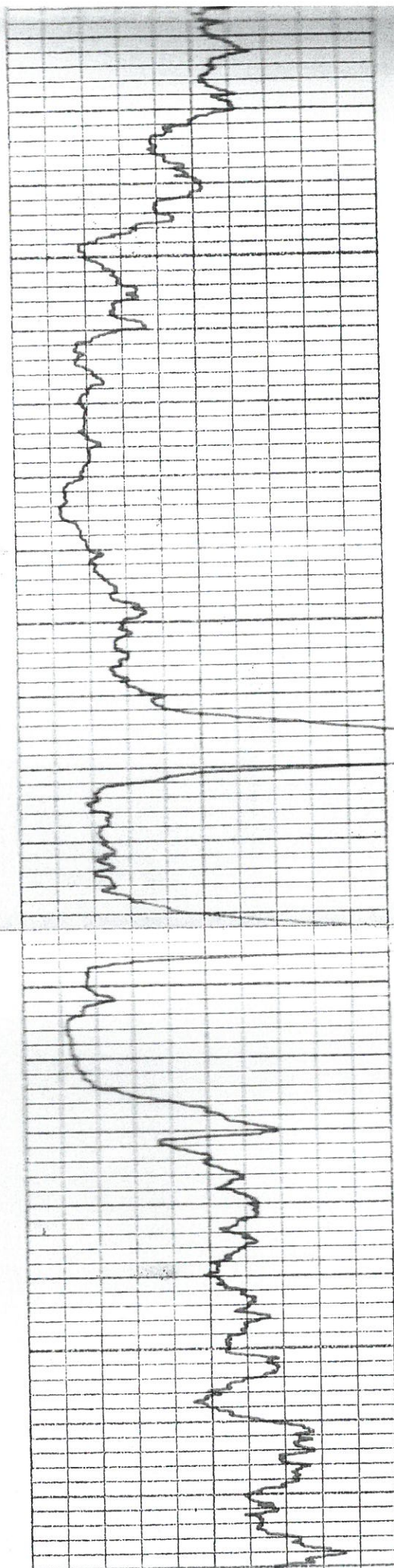
600

650

700

750



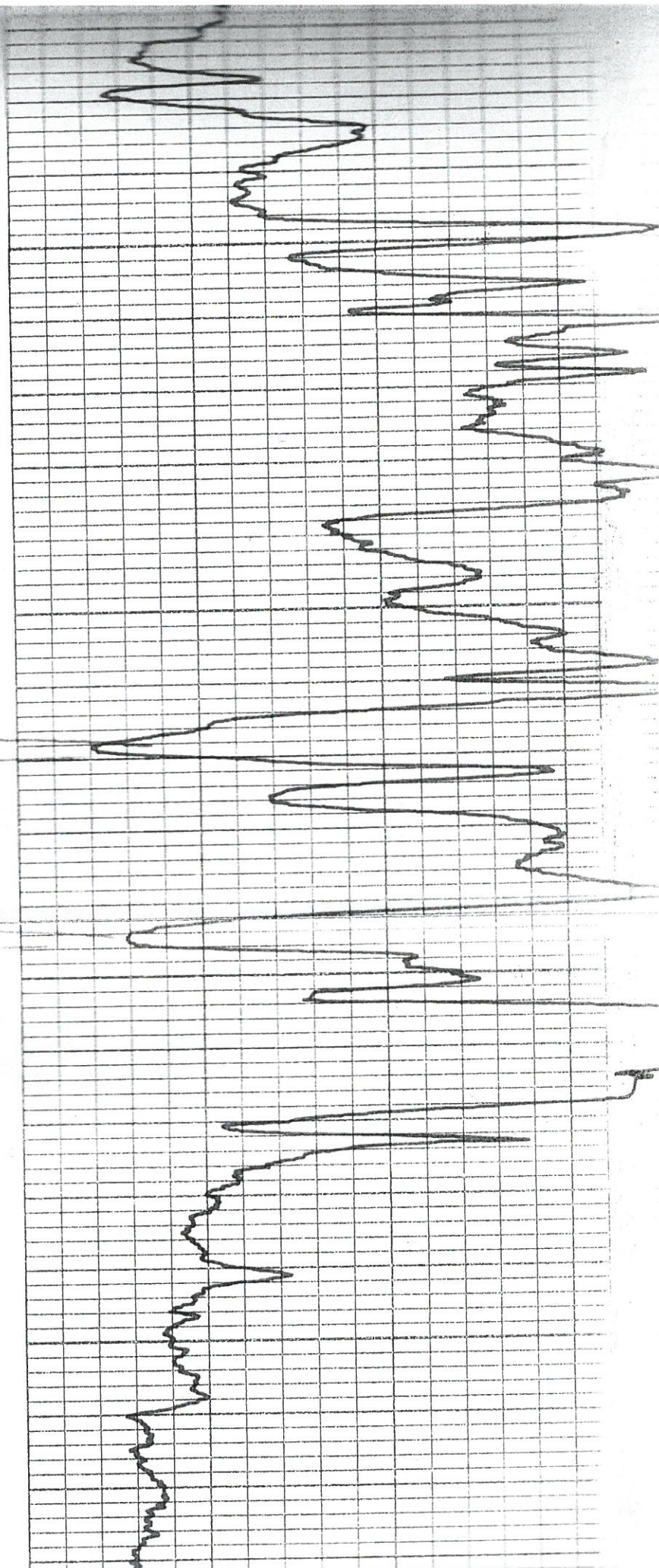


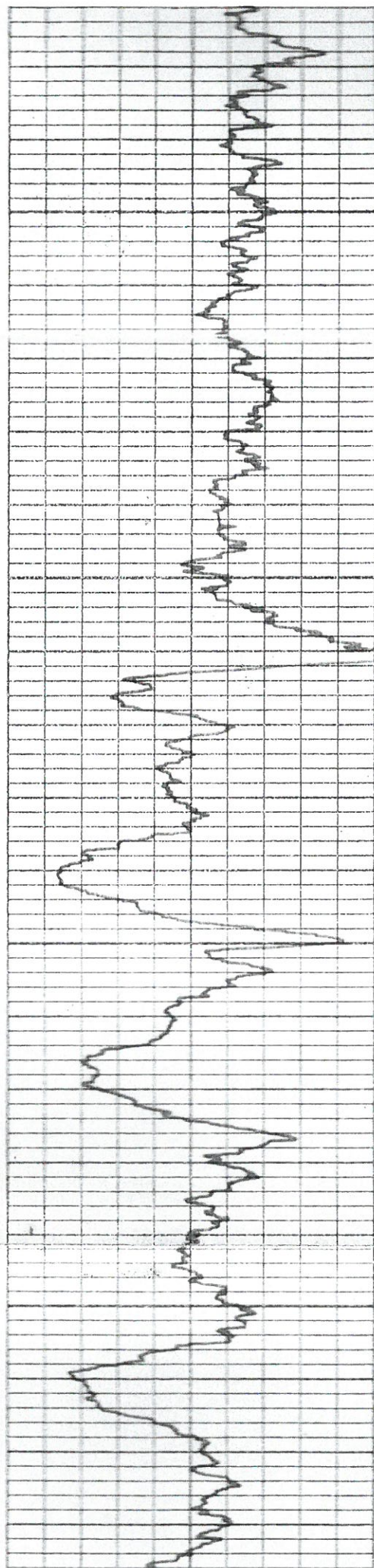
800

850

900

950



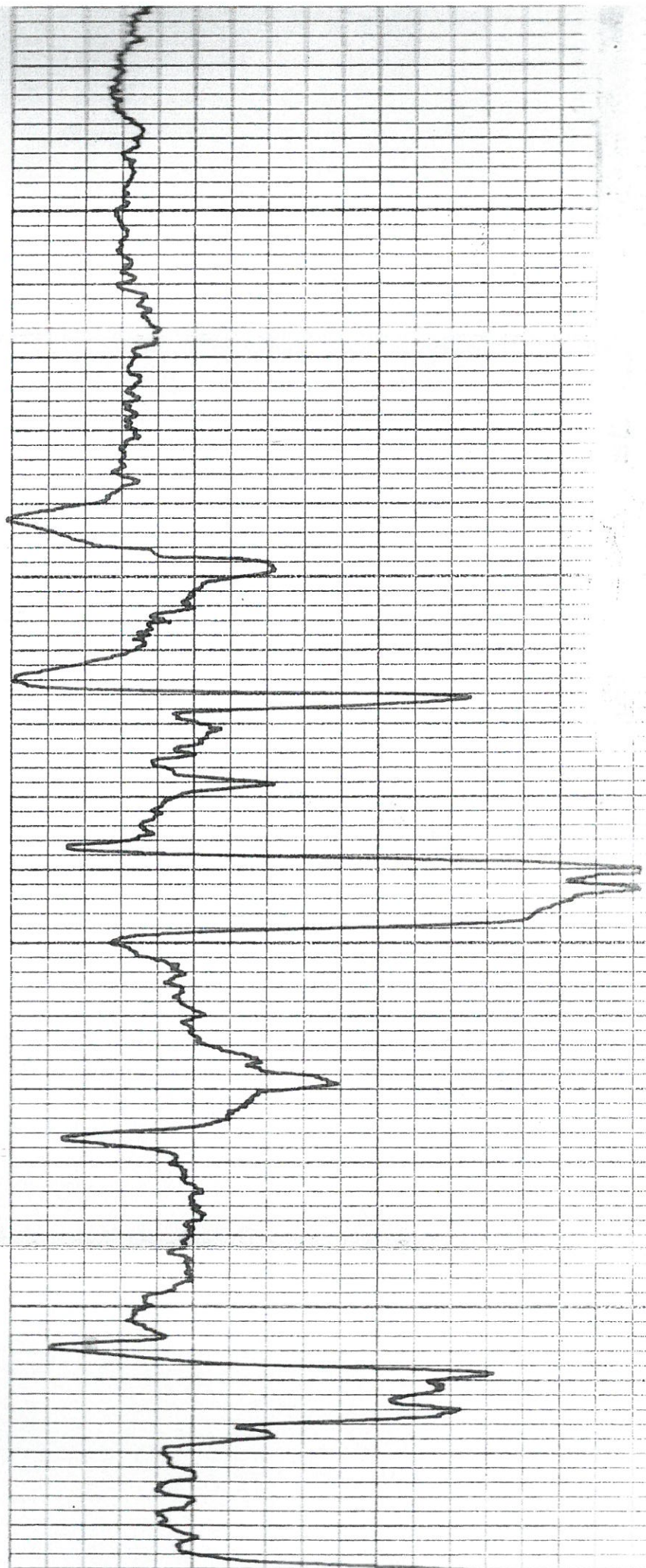


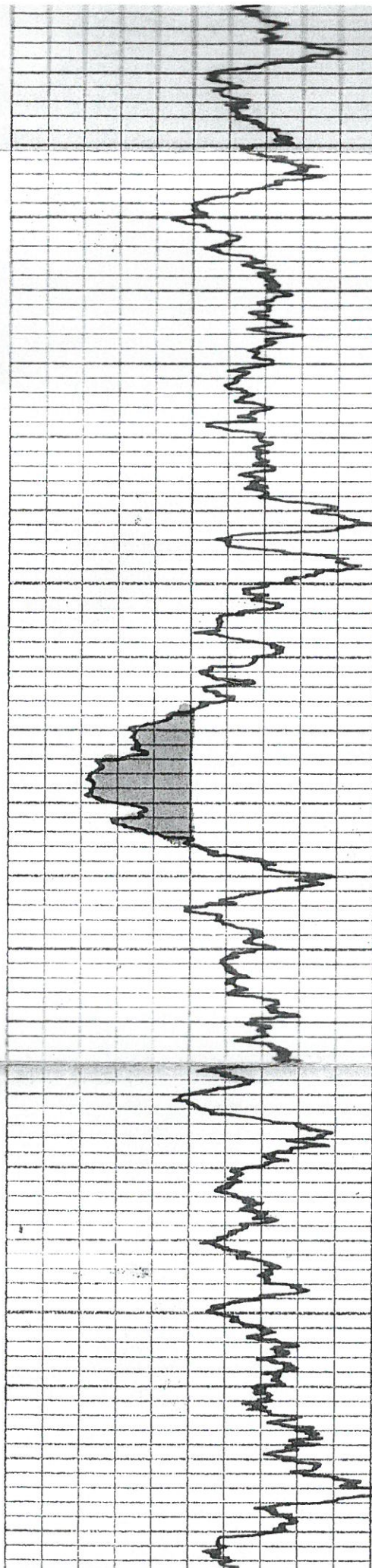
1000

1050

1100

1150



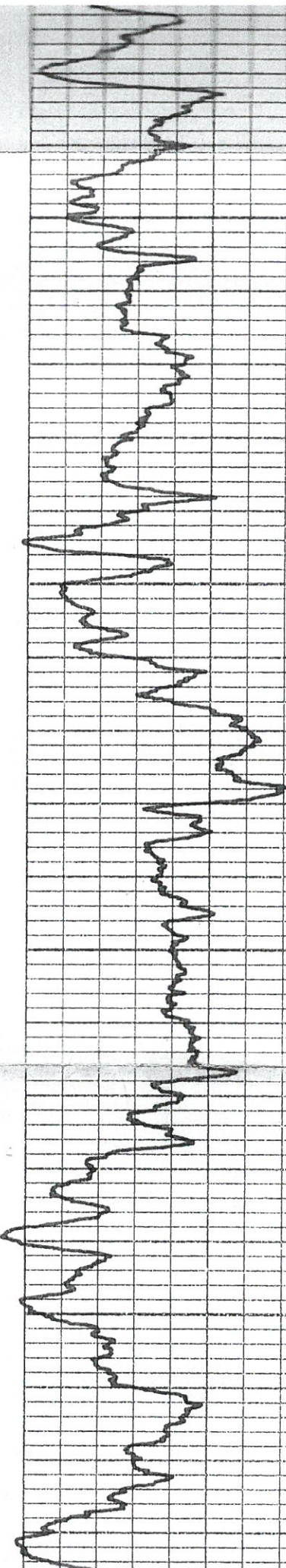


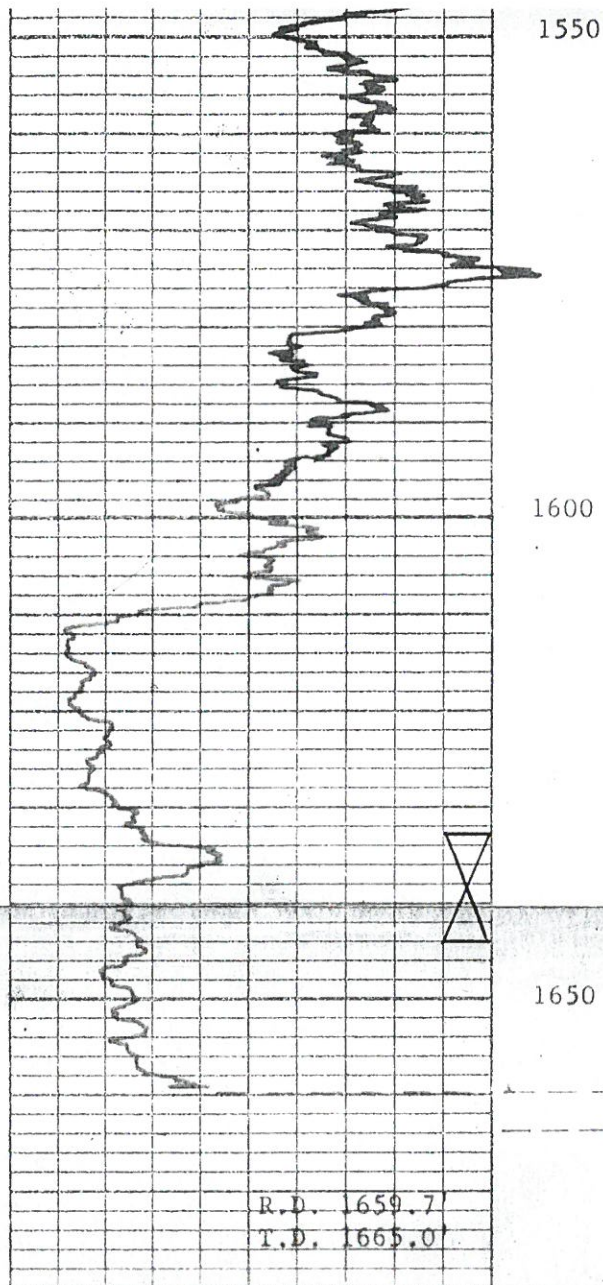
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1450

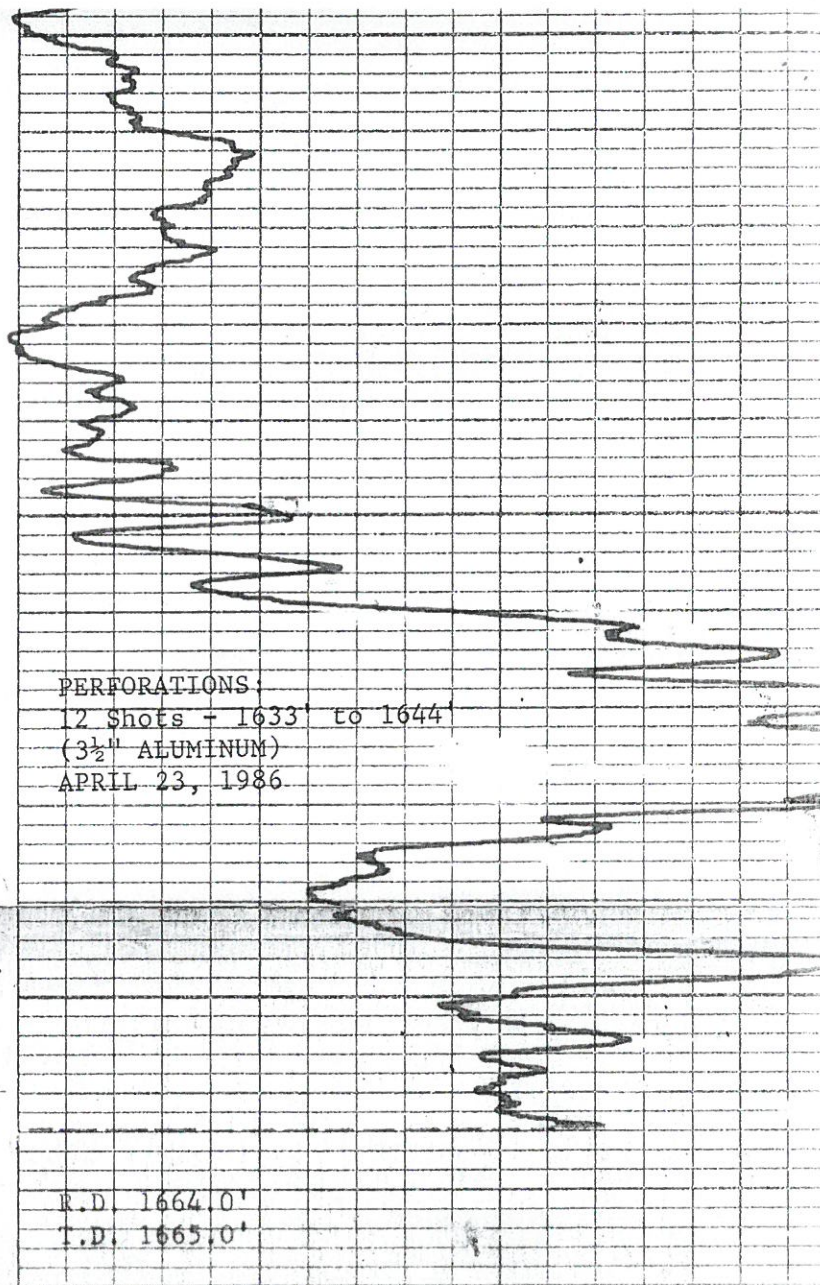
1500

1550





ROBERT EDWARDS NO. 6
 WAYNE BROWN
 WOODSON COUNTY, KANSAS
 APRIL 12, 1986



4-12-86 GN
 4-23-86 P

25-23S-14E