

File No. 73991
Filed 3-27-63 at 3:15 P. M.
\$2.00 fee paid,
Lucille Godsey, deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Tw. 9 S, Rge 52 E
RECEIVED
PR 1 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Gilbert Sams, of Biddle, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	9-52	8-52	8-52	8-52	8-51	8-51
	Sec. 9	Sec. 31	Sec. 28	Sec. 27	Sec. 25	Sec. 25
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Domestic	stock	stock	stock	stock
3. Date of use	1918	1924	1924	1955	1925	1961
3. How continuous	constant	constant	constant	constant	4 mo. ann.	4 mo. ann.
4. Amount claimed	5 gpm	5 gpm	5 gpm	30 gpm	5 gpm	5 gpm
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SESW	SESW	NESW	SWSW	SWSE	NNW
6. Withdrawal means	flowing	flowing	flowing	flowing	pump	pump
7. Completion date	1918	1924	1924	1955	1925	1961
8. Water depth table	-0-	-0-	-0-	-0-	105'	105'
Type	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	2" 110'	2" 110'	2" 160'	2" 950'	4" 150'	4" 150'
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available	NOT AVAILABLE					

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner

Gilbert Sams

Date 3-27-63

Gilbert Sams having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing declaration of vested groundwater rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

27th day of March, 1963.

Lucille Godsey deputy
Clerk and Recorder
Powder River County
Broadus, Montana

Gilbert Sams

4096

File No. 72699

Filed May 25, 1962

at 1:10 P.M. \$2.00 fee pd. OFFICE OF STATE ENGINEER

Leslie Godsey, deputy

Clerk and Recorder

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Trp 9 S, Rge 52 E

May 28 1962

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wayne Kendrick, of Biddle, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

WELLS	Sec. 11 Sec. 10 Sec. 15 Sec. Sec. Sec.					
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock Pump and	Artesian Irrigation	Stock Pump Well			
3. Date of use	Spring 1943	Jan 1960	5-30-1944			
4. Amount claimed	12 gal/min	500 gal/min	12 gal/min			
5. Irrigated acreage		250 acres				
6. Location	SE 1/4, SW 1/4, Sec. 11, Twp. 9 S, Rge. 52 E	SW 1/4, NE 1/4, Sec. 10, Twp. 9 S, Rge. 52 E	NE 1/4, NE 1/4, Sec. 15, Twp. 9 S, Rge. 52 E			
7. Completion date	Spring 1943	Jan 1960	5-30-1944			
8. Water depth table	519 ft	700 ft	600 ft			
9. Type	Artesian	Artesian	Artesian			
10. Size & depth	4.0 ft of 2" pipe	200 ft of 2" pipe	510 ft of 2" pipe			
11. Estimated annual amount withdrawn						
12. Other information						
13. Log, if available						

STATE OF MONTANA

County of Powder River

Signature of Owner

Wayne Kendrick

St. Paul, Minn.

Date May 2, 1962

Wayne Kendrick

having first been duly sworn, deposes and says

that he is of lawful age and is the appropriator and claimant of the order and water right

mentioned in the foregoing declaration of vested groundwater rights and the person whose

name is mentioned therein, as the appropriator and claimant, that he knows the contents

of the foregoing declaration and that the matters and things therein stated are true.

Subscribed and sworn to before me this

1962.

G.W. 4
File No. 74162
Filed May 17, 1963 at 1:00 P.M.
\$2.00 fee pd. Lucille Godsey, deputy
Clerk and Recorder

STATE OF MONTANA

Twp 9 S, Rge 52 E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
MAY 31 1963

1. Grace Eaton, of Weston, Wyoming (Pr Or Address),
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	Sec. 21	Sec. 21	Sec. 22	Sec. 25	Sec. 17	Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock	Stock	stock	
3. Date of use	1956	1945	1947	1948	1956	
How continuous	constant	constant	constant	constant	constant	
4. Amount claimed	3 gpm	5 gpm	22 gpm	8 gpm	10 gpm	
Irrigated description						
5. Irrigation owner						
Irrigated acreage						
6. Location	NW1/4	SE1/4	SW1/4	SW1/4	SE1/4	
Withdrawal means	flow	flow	flow	flow	Flow	
7. Completion date	1956	1945	1947	1948	6-13-56	
8. Water depth table	-0-	-0-	-0-	-0-	-0-	
Type	drilled	drilled	drilled	drilled	drilled	
9. Size & depth	2" 267'	2" x 360'	2" x 400'	2" x 400'	2" 370'	
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available					#5 0-10 - surface soil 10-20 - gravel 20-30 - blue shale 30-60 - sand 60-270-blue shale 270-280-sand 280-350-blue shale 350-370-blue shale	

STATE OF MONTANA)
County of Powder River } ss.

Signature of Owner Grace Eaton

Date 5-17-63

Grace Eaton having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing declaration of vested groundwater rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

17 day of May, 1963.

Lucille Godsey deputy
Clerk and Recorder
Powder River County
Broadus, Montana

Grace Eaton

(4549)

File No. 71163
Filed: May 17, 1963
at 1:05 A. M.
Lucille Godsey, Deputy
Clerk and Recorder
Powder River County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 98 R 528

RECEIVED
MAY 31 1963
STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961).

Top of Ground
(Elev. above sea
level 3000 app.)

0-23- sand & gravel
55 - blue shale
62 - water sand
140 - blue shale
163 - water sand
138 - blue shale
168 - water sand
142 - blue shale
128 - water sand
140 - blue shale

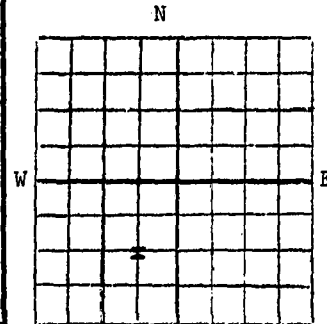
OWNER Grace Eaton Address Weston, Wyoming
DRILLER Frank Randy, Jr. Address Broadus, Montana
Date of Notice of Appropriation of Groundwater 0
Date well started March, 1963 Completed March 1963
Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Other ☐
Industrial ☐ Drainage ☐ Irrigation ☐

Indicate on diagram character and thickness of different strata
met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show
depth at which water is found, thickness and character of water-
bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind Size	From (feet)	To (feet)
6"	4" black sand pipe	0	23	2" galv. 6" slashes	20	640

Static Water Level for non-flowing well 0 feet.
Shut-in Pressure for Flowing Well _____
Pumping Water Level _____ feet at 0 gal. per minute
Discharge in gal. per min. of flowing well _____
How Tested at Length of Test 60

Remarks: (Gravel packing, cementing, packers, type of shutoff,
location of use if not at well, other similar pertinent
information, including number of acres irrigated, if any)



R. 1/4 SW Sec. 21 T. 98 R. 52 E

STATE OF MONTANA)
County of Powder River)SS.

Grace Eaton having first been duly sworn, depose and say
that he is of lawful age and is the appropriator and claimant of the
order and water right mentioned in the foregoing notice of completion of groundwater appropri-
ation by means of well and the person whose name is subscribed thereto, as the appropri-
ator and claimant, that he know the contents of said foregoing notice and that
the matters and things therein stated are true.

16
Driller's License Number
Frank Randy, Jr.
Driller's Signature

Subscribed and sworn to before me, this 17th day of May, 1963

Grace Eaton
Lucille Godsey deputy
Clerk and Recorder
Powder River County
Broadus, Montana
11548

GROUNDWATER INDEX

Page / of /

County POWDER RIVER Twp. 9 SOUTH Rge. 53 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	BIDDIE LAND CATTLE CO.		74952-3	
4	SAMS, ALLEN		74878	
5	POWELL, ANNA G.	WELL LOG	71847	
7	FORTNER, W.D.		75167	} SAME FORM
7	" "		75167	
8	KENDRICK, HUGH		72689	
8	POWELL, ANNA G.	WELL LOG	71847	
9	POWELL, WESLEY		75271	} SAME FORM
9	" "		75271	
10	" "		75271	
10	" "		75271	
10	POWELL, ANNA G.	WELL LOG	71847	
14	POWELL, WESLEY	WELL LOG	71847	
14	POWELL, KEITH B.		75299	} SAME FORM
14	" "		75299	
14	MIDWEST OIL CORPORATION		85031	
15	ROYAL, MARIE	R/A		
15	POWELL, WESLEY & KEITH	R/A		
15	" "	R/A		
14	FORTNER, W.D.		75167	} SEE SEC. 7
16	" "		75167	
17	" "		75167	
18	KENDRICK, HUGH		72689	SEE SEC. 8
22	POWELL, WESLEY & KEITH	R/A		
22	GARY, SAMUEL	GW-1	86508	
22	GARY, SAMUEL	GW-2	87061	
22	POWELL, KEITH B.		81186	
23	POWELL, KEITH B.		75299	} SEE SEC. 14
26	" "		75299	
32	ATLANTIC RICHFIELD CO.	GW-1	92682	

74952, Filed,
at _____, 19____,
\$2.00 fee paid _____ M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

REC'D
DEC 23 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. _____, of _____
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	8-51 ✓	8-51 ✓	8-51 ✓	8-51 ✓	8-51 ✓	8-51 ✓
	+	+	+	+	+	+
	Sec. 23	Sec. 23	Sec. 23	Sec. 23	Sec. 23	Sec. 23
WELLS	No. 113	No. 214	No. 315	No. 416	No. 517	No. 618
2. Basis of Beneficial Use	stock	stock	stock	domestic	stock	stock
3. DATE OF USE	1956	1957	1956	1959	1957	1954
How continuous	2 mo.	3 mo.	6 mo.	constant	6 mo.	6 mo.
4. Amount claimed (gal. per minute)	4	7	6	15	4	5
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SEW	NEW	NEE	NEE	NEE	NEE
Withdrawal means	windmill	windmill	windmill	windmill	windmill	windmill
7. Completion date	1956	1957	1956	1959	1957	1954
8. Water depth table	40'	50'	60'	40'	70'	60'
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	1" x 100'	1" x 130'	1" x 160'	1" x 130'	1" x 220'	1" x 100'
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Madeline Jond & Cattle Co.

Date 11-22-63

_____ having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this _____ day of _____, 19____.

111721-2

File No. 74873 - Nov. 27, 1963 STATE OF MONTANA
 at 1:40 P.M. \$2.00 fee pd. ADMINISTRATOR OF GROUNDWATER CODE
 Lucille Godsey, deputy OFFICE OF STATE ENGINEER
 Clerk and Recorder

Twp 8 S, Rge 5 E 34

DECLARATION OF VESTED GROUNDWATER RIGHTS
 (Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
 DEC 23 1963

1. Allen Sams, of Biddle, Montana,
 County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
 Montana laws in effect prior to January 1, 1962, as follows:

	8-53 ✓	9-53				
	Sec. 34	Sec. 1	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	domestic	stock				
3. Date of use	1920	1915				
How continuous	constant	constant				
4. Amount claimed	10 cfm	8 gpm				
Irrigated description						
5. Irrigation owner						
6. Location	SOUTH	NORTH				
Withdrawal means	pump	pump				
7. Completion date	1920	1915				
8. Water depth table	62'	62-73'				
Type	Drilled	Drilled				
9. Size & depth	4" x 218'	4" x 100'				
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
 County of Powder River) ss.

Signature of Owner Allen Sams

Date 11-21-63

Allen Sams having first been duly sworn, deposes and says
 that he is of lawful age and is the appropriator and claimant of the order and water right
 mentioned in the foregoing declaration of vested groundwater rights and the person whose
 name is subscribed thereto, as the appropriator and claimant, that he knows the contents
 of said foregoing notice and that the matters and things therein stated are true.
 Subscribed and sworn to before me this

14th day of November, 1963.
Lucille Godsey deputy
 Clerk and Recorder
 Powder River County
 Broadus, Montana

Allen Sams

11731

T. 9S R. 53E

County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 11 1954

WATER WELL LOG

STATE ENGINEER

Owner ANNA G. POWELL Address Biddle, Montana

Driller Frank Bankdy, Jr. Address Broadus, Montana

Date Started 4-13-53 Date Completed 4-14-54

Location: Sec. 5 T. 9S R. 53E 1/4 sec. NWSE

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Rotary (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 525 ft. Type galvanized Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 505 to ft. 525 Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level artesian feet at 4 gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

71847 FILED

COUNTY OF BUTTE
 COUNTY OF BUTTE
 Instructions to be followed for the use of this record on the 29th

T. 9 R. 53
 Sec. 5 Powell River
 County

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG

1	2	3	4	5	6	7	8	9	10	11	12

Owner Anna G. Powell Address Butte
 Driller Frank Bandy Jr. Address Butte
 Date Started Apr 13 1953 Date Completed Apr 14 1954
 Location: Sec 85 T. 9 R. 53 1/4 sec. N. W. of SE

Type of well drilled Equipment used rotary
 (Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 57.5 ft. Type galvanized Size 2 in.
 Casing: ft. to ft. Type Size
 Casing: ft. to ft. Type Size
 Perforated or Screened: Ft. 50.5 to ft. 57.5 Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: artesian feet at gal. per min. 4

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

#76167 Filed,
at _____, 19____,
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twps _____ S, Rge _____ E

DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

1. N.D. Fortner, of _____, STATE ENGINEER,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	95-53E	95-53E	95-53E	95-53E	95-53E	85-52E
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock	Stock	Stock	Stock	Stock	Stock
3. DATE OF USE	1960	1961	1962	1960	1961	1962
3. How continuous	Constant	Constant	Constant	Constant	Constant	Constant
4. Amount claimed (gal. per minute)	200	100	100	200	100	200
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location						
6. Withdrawal means						
7. Completion date	1-1-1960	1-1-1961	1-1-1962	1-1-1960	1-1-1961	1-1-1962
8. Water depth table						
Type (drilled or dug)	Drilled	Drilled	Drilled	Drilled	Drilled	Drilled
9. Size & depth	4" x 10'	4" x 10'	4" x 10'	4" x 10'	4" x 10'	4" x 10'
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner N.D. Fortner

Date _____

_____, having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this _____ day of _____, 19____.

N.D. Fortner 35320

#76167 Filed,
at _____, 19____,
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp _____ S, Rge _____ E

DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961) MAR 9 1964

1. ND Foster, of _____, STATE ENGINEER
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	9S-53E	9S-53E	9S-53E	9S-53E	9S-53E	9S-53E
	Sec. 17	Sec. 17	Sec. 17	Sec. 7	Sec. 7	Sec. 25
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock	Stock	Stock	Stock	Stock	Stock
3. DATE OF USE	1960	1961	1963	1960	1961	1962
How continuous	constant	constant	constant	constant	constant	constant
Amount claimed						
4. (gal. per minute)	25 gpm	25 gpm	25 gpm	25 gpm	25 gpm	25 gpm
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location						
Withdrawal means						
7. Completion date	10-1-1959	10-1-1959	10-1-1959	10-1-1959	10-1-1959	10-1-1959
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	2 1/2" - 40'	2 1/2" - 40'	2 1/2" - 40'	2 1/2" - 40'	2 1/2" - 40'	2 1/2" - 40'
Estimated annual						
10. Amount withdrawn						
11. Other information	All wells controlled separately at about 15 gpm					
12. Log, if available						

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner ND Foster

Date _____

_____, having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters therein stated are true.

Subscribed and sworn to before me this 2nd day of March, 1964

File No. 72699
 Filed May 25, 1962 at ADMINISTRATOR OF GROUNDWATER CODE
 1:30 P.M. \$2.00 fee paid OFFICE OF STATE ENGINEER
 Leslie Godsey, deputy
 Clerk & Recorder

STATE OF MONTANA

Tap 9 3, Rep 53.3

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

2. Hugh Kendrick, of Butte, Montana,
 County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
 Montana laws in effect prior to January 1, 1962, as follows:

	Sec. 18	Sec. 2	Sec. 3	Sec. 4	Sec. 5	Sec. 6
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
1. Basis of Beneficial Use	Stock Range Well	Stock Range Well				
2. Date of use	5-19-1960	4-25-1961				
3. How continuous	Intermittent	Intermittent				
4. Amount claimed	50 gal/min	12 gal/min				
5. Irrigated description						
6. Irrigation owner						
7. Irrigated acres						
8. Location	Sec 18, T19N, R10E, S20E	Sec 2, T19N, R10E, S20E				
9. Withdrawal means	Reel 53	Reel 53				
10. Completion date	5-19-1960	4-25-1961				
11. Water depth table	380 ft	460 ft				
12. Type	Artesian	Artesian				
13. Size & depth	2" casing	2" casing				
14. Estimated annual						
15. Amount withdrawn						
16. Other information						
17. Log, if available						

STATE OF MONTANA
 County of Powder River

Signature of Owner Hugh Kendrick
H. Kendrick, Sr. & Son
 Date May 7, 1962

Hugh Kendrick having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.
 Subscribed and sworn to before me this 7th day of May, 1962.
Leslie Godsey, Deputy
 Clerk and Recorder
 Powder River County
 Broadus, Montana

T. 9S. R. 52E

County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 14 1957

WATER WELL LOG

STATE ENGINEER

Owner Anna G. Powell Address Biddle, Montana

Driller Frank Bandy, Jr. Address Broadus, Montana

Date Started 4-10-57 Date Completed 4-13-57

Location: Sec. 8 T. 9S. R. 53E ¼ sec. SENE

Type of well Drilled Equipment used rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 609 ft. Type galvanized Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level artesian feet at 20 gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

ρ-1

T 9 R 53
Sec - 8
County Owsley Baines

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Anna G. Powell Address Biddle

Frank Bardsley, B. A., B. Sc.

Driver..... William R. Young, W.I. Address..... R. 100 W. 1st St.

Date Started Apr. 10 1957 Date Completed Apr. 13 1957

Location: Sec. 8 T. 9 R. 53 ¼ sec. SE 7, 15

Type of well drilled Equipment used rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

17. <u>1</u>	18. <u>1</u>	19. <u>1</u>	20. <u>1</u>
--------------	--------------	--------------	--------------

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 60.9 ft. Type Galvanized Size 2 in.

Casing.....ft. to.....ft. Type.....Size.....

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

On the 11th day, saw many flamingo nests.

Static water level, for non-flowing well

Shut-in pressure, for flowing well: lb./sq. in. on: (date) 11

Pumping water level arteries feet at gal. per min. 20

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

75271, Filed,
12-30 1963,
at 1:50 P.M.

Lucille Godsey, deputy
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 9 S, Rgs 53 E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

9 53
RECEIVED
MAR 9 1964

1. Wesley Powell, of Billings, Montana,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows: **STATE ENGINEER**

	Sec. 9	Sec. 9	Sec. 10	Sec. 10	Sec.	Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of	Domestic	Domestic	Domestic			
2. Beneficial Use	Stock	Stock	Stock	Stock		
DATE DRILLED	1932	1926	1925	1917		
3. How continuously used	constant	constant	constant	constant		
Amount Claimed						
4. (gal. per minute)	8	8	6	3		
Irrigated description						
Irrigation owner						
8. Irrigated acreage						
Location (40 acres)	NENW	NENE	SWNW	NESW		
6. Withdrawal means	artesian	artesian	artesian	artesian		
7. Completion date	1932	1926	1925	1917		
8. Water depth table	-0-	-0-	-0-	-0-		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & Depth	2"x365'	2"x350'	3"x340'	3"x320'		
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Wesley Powell

Date 12/30/63

Wesley Powell having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
30th. day of December, 1963

Lucille Godsey, Deputy
Clerk & Recorder, Powder
River County, Broadus, Montana

Wesley Powell

35385

FILED 91847
COUNTY OF ...
County of ...
I have ...
this ...

T. 9S R. 53E

County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 11 1932

By Lucille L. Gentry
\$6.00

WATER WELL LOG

STATE ENGINEER

Owner ANNA G. POWELL Address Biddle, Montana

Driller A. L. Draine Address Broadus, Montana

Date Started 11-16 Date Completed 11-18

Location: Sec. 10 T. 9S R. 53E 1/4 sec. NESW

Type of well drilled Equipment used rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 40 ft. Type Black Size 4"

Casing: 40 ft. to 240 ft. Type Black Size 3 1/2"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: artesian feet at 8 gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

71847 FILED
COUNTY CLERK
County of Blaine
Montana
I hereby certify that this is a true and correct copy of the original as the same appears on the records of the County Clerk of Blaine County, Montana.
Dec. 10, 1916
at Helena, Montana

T. 9 R. 53
Sec. 19
County Powell River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

By Charles L. D. Raine
No. 20

Owner Anna G. Powell Address Biddle
Driller C. L. D. Raine Address Broadway
Date Started Nov. 16 Date Completed Nov. 18
Location: Sec. 10 T. 9 R. 53 1/4 sec. 2 E 5 W

Type of well drilled Equipment used rotary
(Dug, driven, bored, or drilled) (Chain drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 4.0 ft. Type Black Size 4 in
Casing: 4.0 ft. to 24.0 ft. Type Black Size 3 1/2 in
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level artesian feet at _____ gal. per min. 8

How tested: _____

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

T. 9S R. 53E

County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 11 1953

WATER WELL LOG

STATE ENGINEER

Owner ~~Wesley~~ Wesley Powell Address Biddle, Montana

Driller Frank Bandy, Jr. Address Broadus, Montana

Date Started 5-10-53 Date Completed 5-11-53

Location: Sec. 14 T. 9S R. 53E ¼ sec. NENE

Type of well Drilled Equipment used Rotary
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 231 ft. Type Galvanized Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 210 to ft. 231 Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level artesian feet at 10 gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

71847 FILED

COUNTRY ()
County of ()
T. 9 R. 53
Sec. 14
Corner B. 11

T. 9 R. 53
Sec. 14
County B. 11

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

1	2	3	4	5	6	7	8	9	10	11	12

Owner: Wesley Powell Address: B. 11
Driller: Frank Bandy Jr. Address: B. 11
Date Started: May 10, 1953 Date Completed: May 11, 1953
Location: Sec. 14 T. 9 R. 53 1/4 sec. 2, E 2, E

Type of well: Drilled (Dug, driven, bored, or drilled) Equipment used: Rotary (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 231 ft. Type: Galvanized Size: 2 in.
Casing: 231 ft. to 231 ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Perforated or Screened: Ft. 210 to ft. 231 Ft. _____ to ft. _____

Type of screen or perforations: _____
Static Water level, for non-flowing well: _____ feet.
Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)
Pumping water level: artesian feet at _____ gal. per min. 10

How tested: _____
Length of test: _____
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

75299 . Filed,
12-31, 1963,
at 10:50 A.M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 9 1964
Twp. 9 S., Rge. 53 E. 14

Lucille Godsey, deputy
Clerk and Recorder
\$2.00 fee paid

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Keith B. Powell, of Biddle, Montana,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

						
	Sec. 14	Sec. 14	Sec. 26	Sec. 23	Sec.	Sec.
W.E.L.L.S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of	Domestic					
2. Beneficial Use	Stock	Stock	Stock	Stock		
DATE DRILLED	1918	1952	1952	1961		
3. How continuously used	constant	constant	constant	constant		
Amount Claimed						
4. (gal. per minute)	5 gpm	7 gpm	3 gpm	40 gpm		
Irrigated description				NEW		
Irrigation owner				owned		
5. Irrigated acreage				10 acres		
Location (40 acres)	NEW	NEW	NEW	NEW		
6. Withdrawal means	artesian	artesian	artesian	artesian		
7. Completion date	1918	1952	1952	1961		
8. Water depth table	flowing	flowing	flowing	flowing		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & Depth	2 1/2" x 350'	2" x 500'	2" x 210'	2" x 180'		
Estimated annual						
10. amount withdrawn	2,260,000	2,500,000	1,200,000	16,000,000		
11. Other information						
12. Log, if available						
		NO LOGS				

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner: Keith B. Powell

Date 12/31/63

Keith B. Powell having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

31st day of December, 1963.
Lucille Godsey, Deputy
Clerk & Recorder, Powder
River County, Broadus, Montana

Keith B. Powell

35405

Twp. 7 S, Rge. 53 E.

Sec. 14

File No. 85031

Filed September 18 1969

at 2:00 P. M.

Charlotte Edwards

Clerk and Recorder

Powder River County

By: Deputy

Fee \$2.00 pd.

Notice of COMPLETION of Groundwater

Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

OWNER Midwest Oil Corporation Address Denver, Colo.

Top of Ground -

Elev. above sea level.

DRILLER Earl Drane

Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater

Date well started 6-3-69

Completed 6-4-69

Type of Well drilled

Equipment Used rotary

(dug, driven, bored, drilled)

(churn, drill, rotary, etc.)

Water Use: Domestic ☒; Municipal ☐; Stock ☐; Other ☐;
Industrial ☐; Drainage ☐; Irrigation ☐;

Indicate on diagram character and thickness of different strata met in drilling - ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

0 5 top soil
5 18 yellow sand
18 45 " clay
45 70 blue shale
70 97 " sand
97 134 " shale
134 158 " sand
158 166 " shale
166 176 " sand
176 187 " shale
187 188 rock
188 262 blue shale
262 293 shale w/sand
293 322 blue sand
322 458 " shale/sand
458 493 " sand
493 500 " shale

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
6" 4"	2 1/2" std. "	0	180	1x4" 61otts	293	322
		180	500		458	493

Static Water Level for non-flowing well _____ feet

Shut-in Pressure for Flowing Well _____

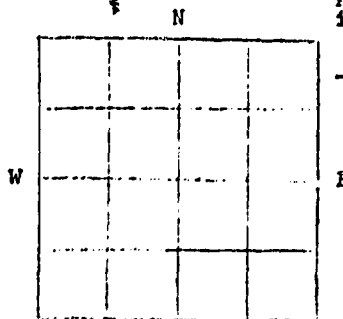
Pumping Water Level _____ feet at _____ gal. per minute.

Discharge in Gal. per min. of flowing well 12

How Tested _____ Length of Test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)

hole reduced, casing cemented & seated at 180 ft.



Driller's License NO. 20

Driller's Signature Earl Drane

Sec. 14, Twp. 7 S, Rge. 53 East.

STATE OF MONTANA)
County of Powder River) ss.

_____ having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Owner's Signature

Midwest Oil Corp.
Gary L. Landick

Subscribed and sworn to before me, this 18 day of September, 1969.

CHARLOTTE EDWARDS
Clerk & Recorder
Powder River County
Broadus, Montana 59017Clerk and Recorder, Powder River Co
Broadus, Montana

45659



OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

RECEIVED

SEP 16 1967

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA - BILLINGS

KNOW ALL MEN BY THESE PRESENTS, that I, Marie Royal

 of the County of Powder River in

the State of Montana, am the owner of the hereinafter described land upon which
a well for oil or gas was drilled, to-wit:

Operator Consolidated Oil & Gas Inc.

Lease Name Pan American Oil Co.

Well No. 1 Sec. 15, Twp. 9S, Rge. 53E

The well is located 660 feet S of the 660

line and 660 feet E of the 660 line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953,
I do hereby notify the Oil and Gas Conservation Commission of the State of Mon-
tana of my desire to utilize said well as a fresh water well; and, that if such
utilization is approved, I do hereby release and discharge the operator herein-
above named from any further work or responsibility in relation to the plugging
of said well.

WITNESS my hand and seal this 11 day of September 19 67

Marie J. Royal (L.S.)
Landowner

Address Box 374
Gillette, Wyoming

IN THE PRESENCE OF:

Thomas Morgan Address Box 1070, Gillette, Wyoming
Jean Morgan Address " " " "

APPROVED BY:

Oil and Gas Conservation Commission

Judson D. Smith, Petroleum Engineer

Petroleum Engineer or Executive Secretary

Dated: FEB 20 1969 19

STATE OF MONTANA



ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601
JOHN H. RISKEN, ATTORNEY
P. O. BOX 217
HELENA, MONTANA 59601
BILLY S. LANE, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101
GORDON D. LANOUILLE,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE
BOX 217
HELENA, MONTANA 59601

COMMISSIONERS

WINSTON L. COX, CHAIRMAN
1925 GRAND AVENUE
BILLINGS, MONTANA 59102
CLYDE BREWER, VICE-CHAIRMAN
P. O. BOX 204
ROUNDUP, MONTANA 59072
ALLEN ZIMMERMAN,
P. O. BOX 277
POPLAR, MONTANA 59055
E. G. BALSAM,
2809 PEARL
MILES CITY, MONTANA 59501
LYLE KASSEL,
145 THIRD SOUTH
SHELLEY, MONTANA 59474

July 15, 1968

MONTANA WATER RESOURCES BOARD

RECEIVED

JUL 16 1968

76A
SVB 7/17/68
M. J. Beaudry

Water Conservation Board
Water Resources Engineer
Sam W. Mitchell Building
Helena, Montana 59601

Dear Sir:

Enclosed you will find Release Agreements concerning three wells formerly drilled by Consolidated Oil and Gas, Inc., that have been transferred to Wesley Powell and Keith Powell of Biddle, Montana. The three wells are as follows:

Well No. 6, NE NE Section 22, 9 South 53 East, Powder River County.

Well No. 1, NE SE Section 15, 9 South 53 East, Powder River County.

Well No. 1, NW NW Section 15, 9 South 53 East, Powder River County.

Yours very truly,

N. J. Beaudry
Norman J. Beaudry
Executive Secretary

NJB/pz
Enclosure

APPROVED BY:

Oil and Gas Conservation Commission

G. D. Smith
Petroleum Engineer or Executive Secretary

Dated: *July 8* 19 *68*

RECEIVED

JUL 16 1968

OIL AND GAS CONSERVATION COMMISSION
325 FULLER AVENUE - HELENA

18

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA



R E L E A S E A G R E E M E N T

KNOW ALL MEN BY THESE PRESENTS, that I, Keith Powell
_____ of the County of Powder River in
the State of Montana, am the owner of the hereinafter described land upon which
a well for oil or gas was drilled, to-wit:

Operator Consolidated Oil & Gas Inc.

Lease Name Keith Powell

Well No. 6 Sec. 22, Twp. 9S, Rge. 3E

The well is located 660 feet S of the North
line and 660 feet E of the East line.
Center N.E. of the N.E. sec. 22

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953,

I do hereby notify the Oil and Gas Conservation Commission of the State of Mon-
tana of my desire to utilize said well as a fresh water well; and, that if such
utilization is approved, I do hereby release and discharge the operator herein-
above named from any further work or responsibility in relation to the plugging
of said well.

WITNESS my hand and seal this 12 day of June 1968

Keith B. Powell (L.S.)
Landowner
Address Biddle, Mont

IN THE PRESENCE OF:

Richard Dill Address Broadus, Montana
W.E. Hamby Address Biddle, Montana

APPROVED BY:

Oil and Gas Conservation Commission

[Signature]
Petroleum Engineer or Executive Secretary

Dated: July 8 1968

RECEIVED

JUN 14 1968

Oil and Gas Conservation Commission
STATE OF MONTANA - BUTTE

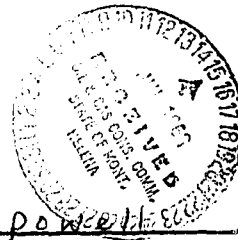
General Rules and Regulations
Order No. 1-1, Nov. 30, 1953
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well; and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT



KNOW ALL MEN BY THESE PRESENTS, that I, Keith Powell
_____ of the County of Poudre River in
the State of Montana, am the owner of the hereinafter described land upon which
a well for oil or gas was drilled, to-wit:

Operator Consolidated Oil & Gas Inc.

Lease Name Keith Powell

Well No. 1 Sec. 15, Twp. 9S, Rge. 53E

The well is located 1980 feet ^N of the South
line and 660 feet ^W of the East line.

Center NE of SE sec. 15

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953,

I do hereby notify the Oil and Gas Conservation Commission of the State of Mon-
tana of my desire to utilize said well as a fresh water well; and, that if such
utilization is approved, I do hereby release and discharge the operator herein-
above named from any further work or responsibility in relation to the plugging
of said well.

WITNESS my hand and seal this 12 day of June 1968

Keith B. Powell (L.S.)
Landowner

Address Biddle
Mont.

IN THE PRESENCE OF:

Richard Dill Address Bronckus, Montana
W.E. Hamby Address Biddle, Montana

APPROVED BY:

Oil and Gas Conservation Commission

G.D. Lavaretti
Petroleum Engineer or Executive Secretary

Dated: July 12 1968

RECEIVED

JUL 10 1968

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA - BILLING

General Rules and Regulations
Order No. 1-1, Nev. 30, 1953
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Wesley Powell in
_____ of the County of Powder River in
the State of Montana, am the owner of the hereinafter described land upon which
a well for oil or gas was drilled, to-wit:

Operator Consolidated Oil & Gas Inc.
Lease Name Wesley Powell
Well No. 1 Sec. 15, Twp. 9S, Rge. 53E
The well is located 660 feet S of the North
line and 660 feet E of the West line.
Center NW 1/4 Sec 15

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953,
I do hereby notify the Oil and Gas Conservation Commission of the State of Mon-
tana of my desire to utilize said well as a fresh water well; and, that if such
utilization is approved, I do hereby release and discharge the operator herein-
above named from any further work or responsibility in relation to the plugging
of said well.

WITNESS my hand and seal this 13 day of June 1968

Wesley Powell (L.S.)
Landowner
Address Biddle, Montana

IN THE PRESENCE OF:

Richard Dill Address Brownhus, Montana
W.E. Hainly Address Biddle, Montana

APPROVED BY:

Oil and Gas Conservation Commission
John L. Smith
Petroleum Engineer or Executive Secretary
Dated: July 12 1968

RECEIVED

JUL 10 1968

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA - BILLINGS

General Rules and Regulations
Order No. 1-1, Nov. 30, 1953.
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF APPROPRIATION OF GROUNDWATER
(Under Chapter 237, Montana Session Laws, 1961, as amended)

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

1. I, Samuel Gary, of Box 99, Belle Creek
(Name of Appropriator) (Address) (Town)

County of Powder River, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Injection into the Muddy formation for secondary recovery.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 1,085 GPM

The estimated amount of groundwater to be used annually 10 MM Barrels

4. The annual period (inclusive dates) of intended use July 1971 - July 1981

5. The probable or intended date of first beneficial use July 1971

6. The probable or intended date of commencement and completion of the well* or wells*

Spud Oct. 20, 1970 Completion Nov. 20, 1970

7. The location, type, size and depth of well or wells contemplated Rotary Hole - 12-1/4"

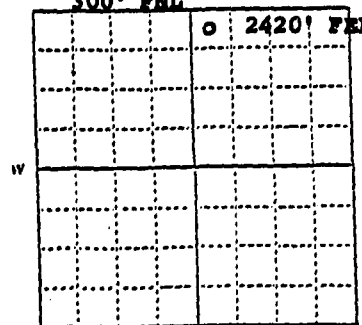
8. The probable or estimated depth of the water-table or artesian aquifer 6900'

9. The name, address, and license number of the driller engaged Samuel Gary (Jack M. Lucey)
300 Western Resources Bldg, Casper, Wyo. 82601 #191

10. Give such other similar information as may be useful in carrying out the policy of this act

This well will be drilled
into & completed in the
Madison formation.

For Administrator's Use	
File	



NW 1/4 NE 1/4 Sec. 22
T. 9 N. R. 53 E.
S. 22

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

Signature of Appropriator Samuel Gary by Jack M. Lucey Date October 26, 1970

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

47690

County Powder River

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Samuel Gary
Address P. O. Box 99
Belle Creek, Montana
Date well started 11-24-70
completed 2-18-71

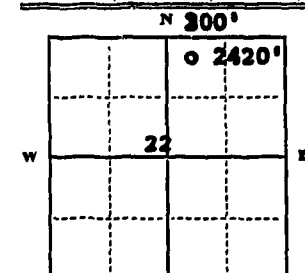
For Administrator's Use	
File	<u>87061</u>
	<u>March 12/971 2:01 a.m.</u>
GW 1	

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Rotary
(Churn drill, rotary or other)
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☒ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Sec. 22-98-53E

ESTIMATED ANNUAL WITHDRAWAL 10,000,000 barrels

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	EXPLORATIONS		
				Kind Size	From (Feet)	To (Feet)
12-1/4"	9-5/8"	sfc	7256'	1/2"	6964'	7032'
					7042'	7082'
					7090'	7132'
					7140'	7170'



NE 1/4 Sec. 22
T. 98 N. R. 53E
S. W.

Static water level flowing ft.*
Pumping water level _____ ft.*
at 975 gallons per minute,
measured 5 days after flowing
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Cemented with master
valve on surface

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Samuel Gary
Driller's Address P. O. Box 99

Belle Creek, Montana LICENSE NO. 191

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 3466'

From (Feet)	To (Feet)
<u>See attached log</u>	
<u>(118)</u>	
<u>87061</u>	
<u>FILED</u>	
Office of	
COUNTY CLERK AND RECORDER	
County of <u>Powder River</u> Montana	
I hereby certify that the within instrument was filed for record in this office on the <u>12th</u> day of <u>March</u> A.D. 19 <u>71</u>	
By <u>Charles H. Edwards</u> County Clerk and Recorder	
By <u>Karen R. Goble</u> Deputy	
By <u>Samuel Gary</u> Paid	
<u>INDEXED</u>	

7260' Show exact depth of bottom
Plugged back 7187'

50,692

SCHUMBERGER INDUCTION ELECTRICAL LOG

COUNTY # 87061
FIELD or LOCATION Field 3-13-71
WELL

COMPANY

COMPANY Samuel Gary
WELL Ranch Creek Unit 141 Madison Water Well
FIELD Ranch Creek
COUNTY Powder River STATE Montana
LOCATION NW NW NE
Sec. 22 Twp. 25 Rge. 33E
Other Services: BNC-CR

Permanent Datum: Ground Level Elev. 3466
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KB Elev. KB 3428
D.F. 3466

Date:	12-21-70
Run No.	026
Depth—Driller	7260
Depth—Logger	7258
Blm. Log Interval	7257
Top Log Interval	704
Casing—Driller	13 3/4 @ 698
Casing—Logger	704
Bit Size	12 1/4
Type Fluid in Hole	Chem. Gel
Dens. Visc.	10.0 6.8
pH Fluid Loss	9.8 4.8 ml
Source of Sample	Flow Line
R _m @ Meas. Temp.	1.82 @ 67 °F
R _{mt} @ Meas. Temp.	1.82 @ 72 °F
R _{mc} @ Meas. Temp.	— @ — °F
Source: R _{mt} R _{mc}	M —
R _m @ BHT	1.05 @ 118 °F
R _{mt} @ BHT	1.18 @ 118 °F
R _{mc} @ BHT	— @ — °F
Equip. Location	565 667
Recorded By	LAVER HANCOCK

FIELD
DIPLOMA

The well name, location and borehole reference data were furnished by the customer.

MARKS S.O. # 19075

Changes in Mud Type or Additional Samples				Scale Changes			
Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole			
Depth—Driller							
Type Fluid in Hole							
Dens. Visc.							
ph Fluid Loss							
Source of Sample							
R _m @ Meas. Temp.	@	°F	@	°F			
R _{mt} @ Meas. Temp.	@	°F	@	°F			
R _{mc} @ Meas. Temp.	@	°F	@	°F			
Source: R _{mt} R _{mc}							
R _m @ BHT	@	°F	@	°F			
R _{mt} @ BHT	@	°F	@	°F			
R _{mc} @ BHT	@	°F	@	°F			

Run No.: ONE
C.D.: USED
S.O.: 1 1/2"
Equip. PANEL No.: M-466
CART. No.: F-559
SONDE No.: M-269
IAP No.: R-275
S.B.R.: 2

Check one, filling in blanks where applicable:
☒ Surface determined sonde errors used for 6FF40.
☐ 6FF40 sonde error corrected for _____ inch
borehole signal at R_m = _____
☐ 6FF40 zero set in hole at depth of _____ feet.

RECEIVED
JUN 23 1972
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

SCHLUMBERGER INDUCTION ELECTRICAL LOG

COUNTY #87061 FIELD or LOCATION Field 3-13-71 WELL COMPANY

COMPANY SAMUEL GARY

WELL Ranch Creek Unit 4/ Madison Water Well

FIELD RANCH CREEK

COUNTY POWDER RIVER STATE MONTANA

LOCATION NW NW NE Other Services: BHC-CR

Sec. 22 Twp. 9S Rge. 5SE

Permanent Datum: Crowned Level, Elev. 3466 Elev.: K.B. 3478
 Log Measured From KB 12 Ft. Above Perm. Datum D.F.
 Drilling Measured From KB G.L. 3466

Date: 12-21-70

Rim No. ONE

Depth—Driller 7260

Depth—Logger 7258

Btm. Log Interval 7257

Top Log Interval 704

Casing—Driller 13 1/4 @ 678 @

Casing—Logger 704

Bit Size 12 1/4

Type Fluid in Hole Chem-Gel

Dens. Visc. 10.0 6.8

pH Fluid Loss 9.8 6.8 ml ml ml ml

Source of Sample Flow Line

R_m @ Meas. Temp. 1.82 @ 67 °F @ °F @ °F @ °F

R_{ml} @ Meas. Temp. .82 @ 72 °F .5 @ 118 °F @ °F @ °F

R_{mc} @ Meas. Temp. — @ — °F @ °F @ °F @ °F

Source: R_{ml} R_{mc} M —

R_m @ BHT 1.05 @ 118 °F @ °F @ °F @ °F

Time since Circ. 2 HRS

Max. Rec. Temp. 118 °F °F °F °F

Equip. Location 5615 GLT

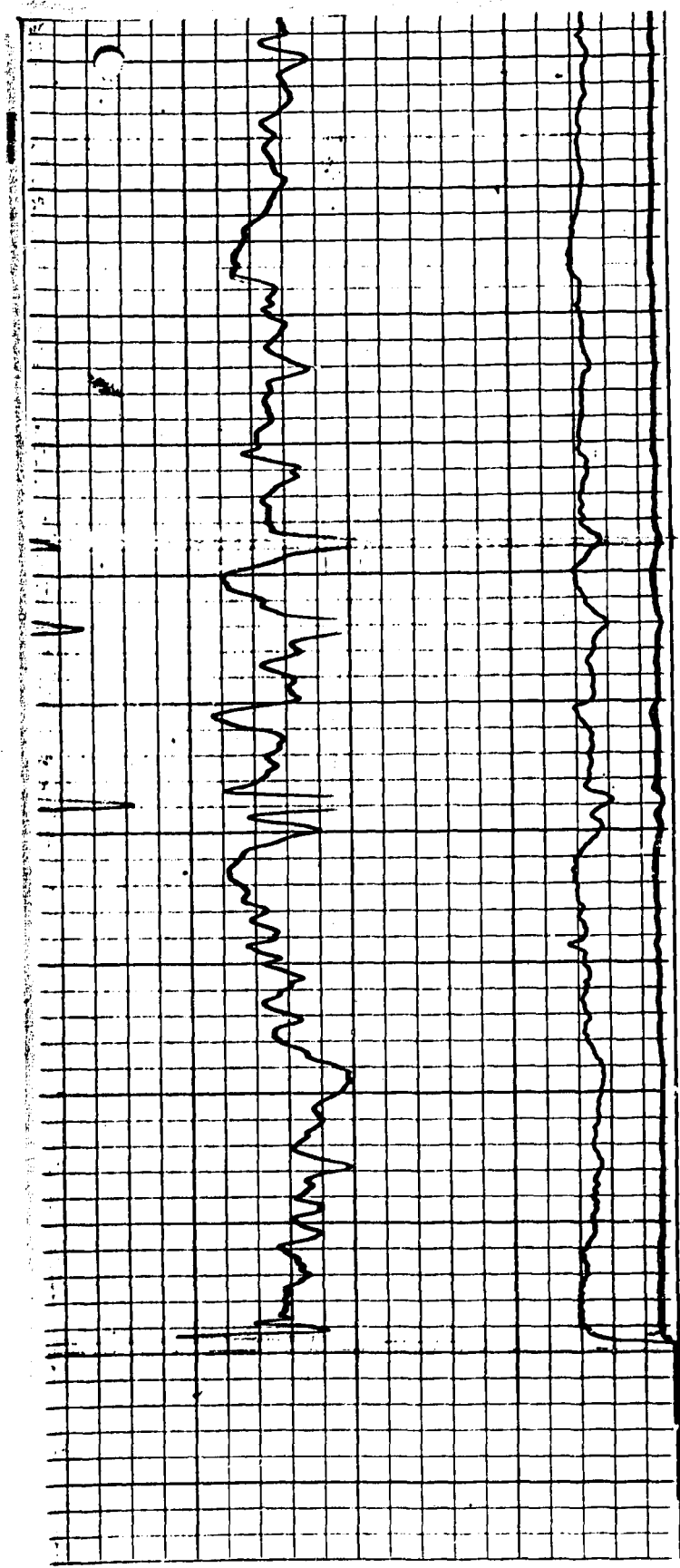
Recorded By LARRY HARTWELL

FIELD
PRINT

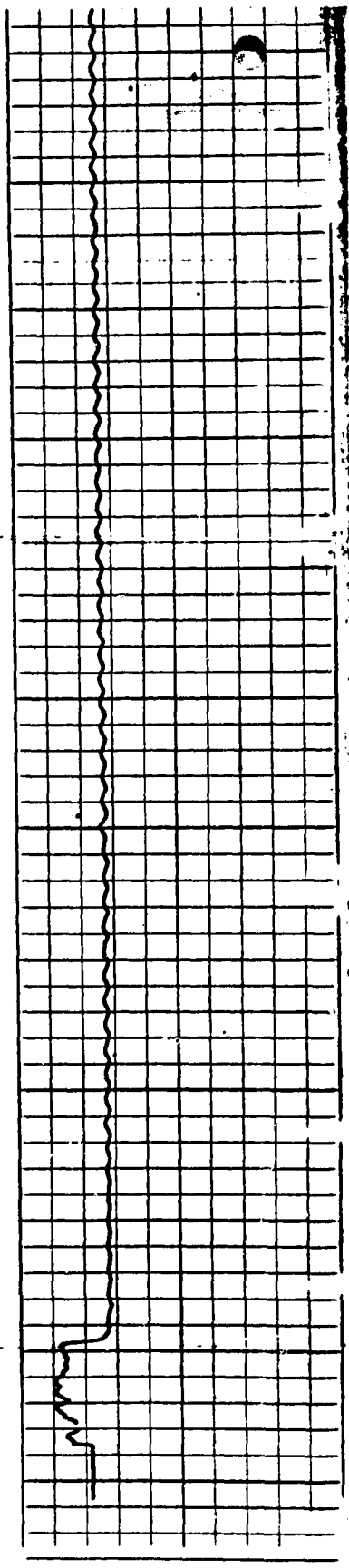
The well name, location and borehole reference data were furnished by the customer.

MARKS S.O. # 19075

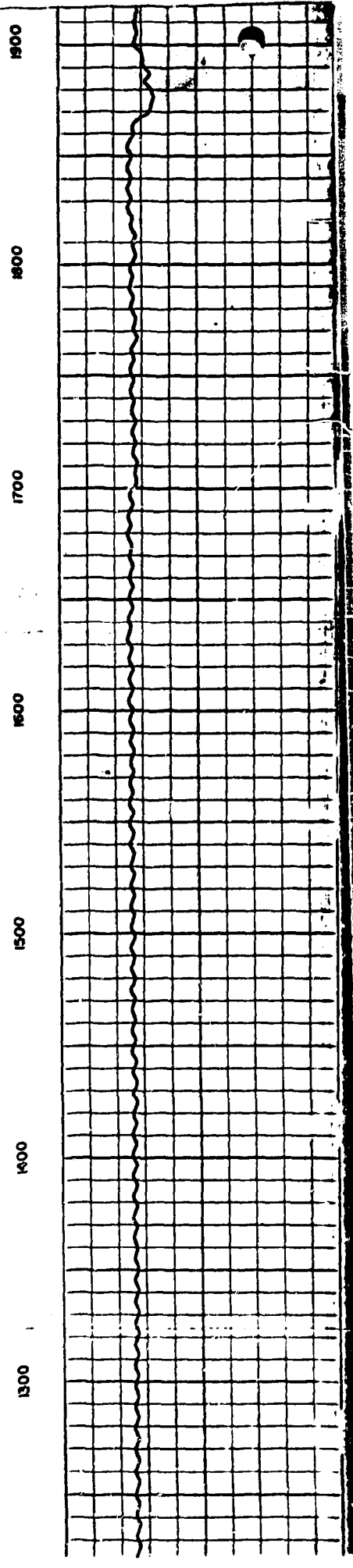
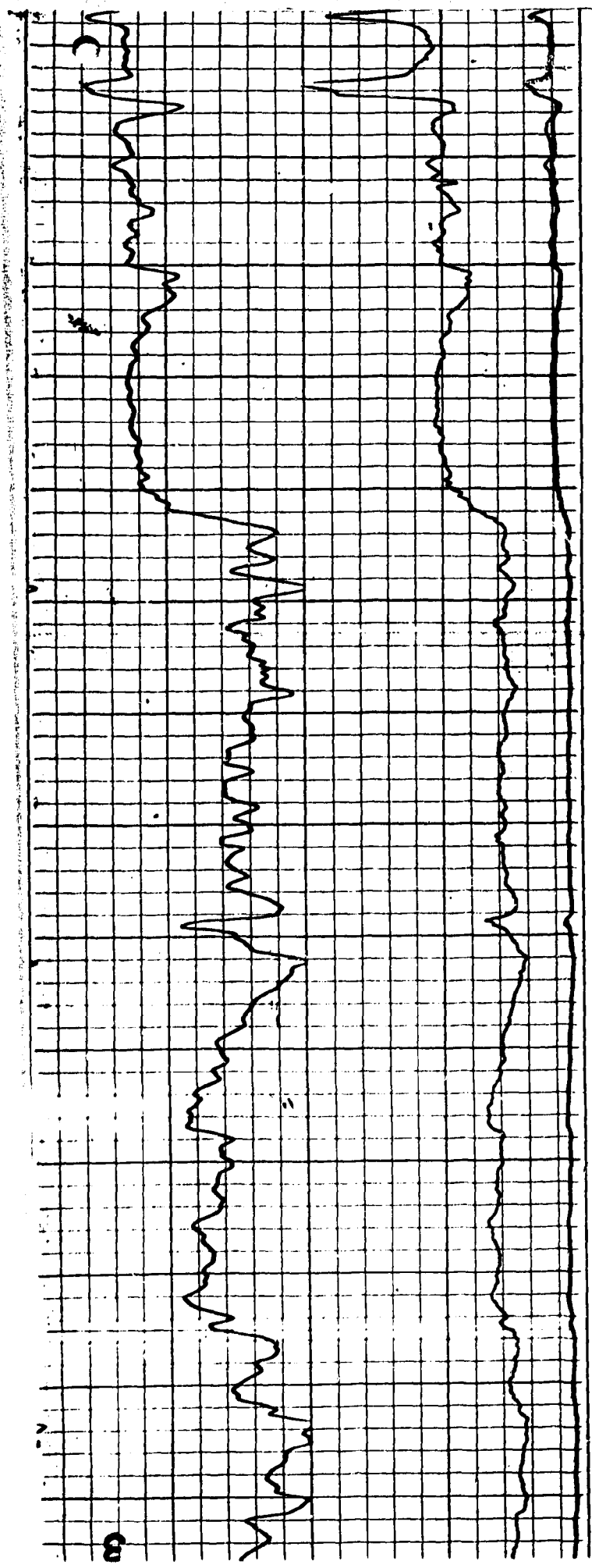
Log Type or Additional Samples		Scale Changes		Equipment Data	
Sample No.	Depth	Scale Up Hole	Scale Down Hole	Tool Position	Other
1					
2					
3					
4					
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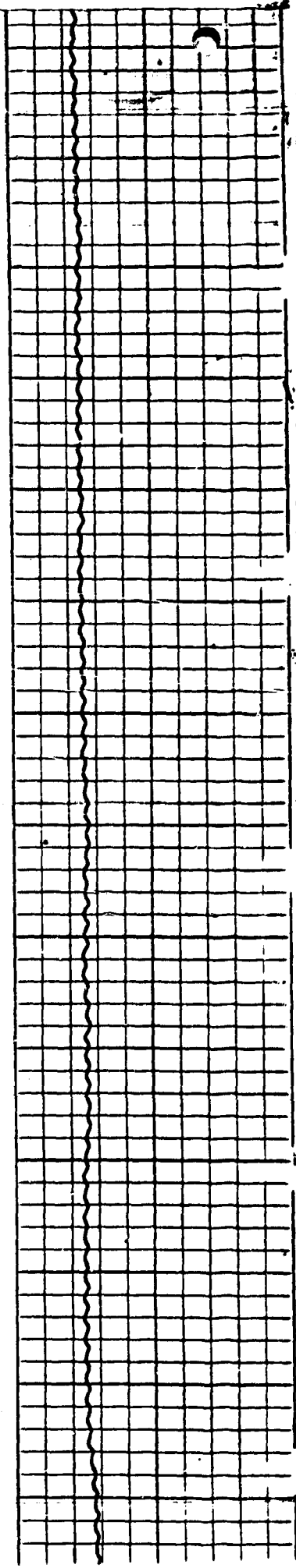
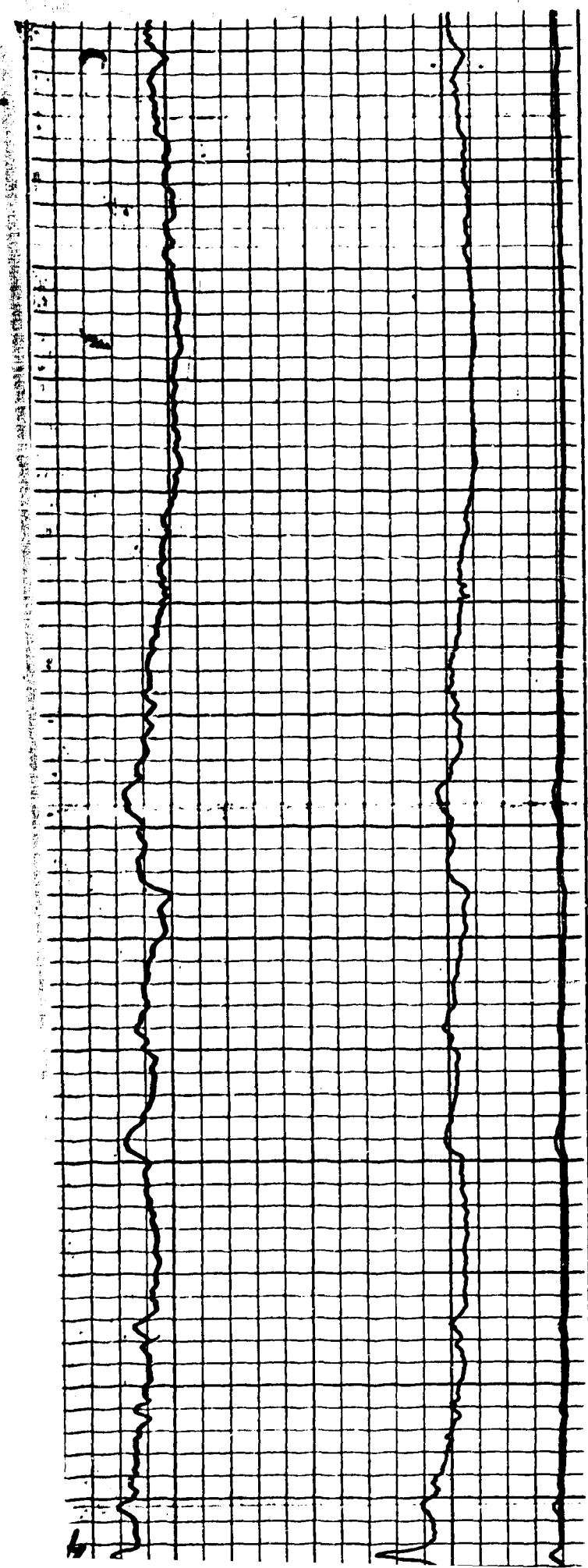


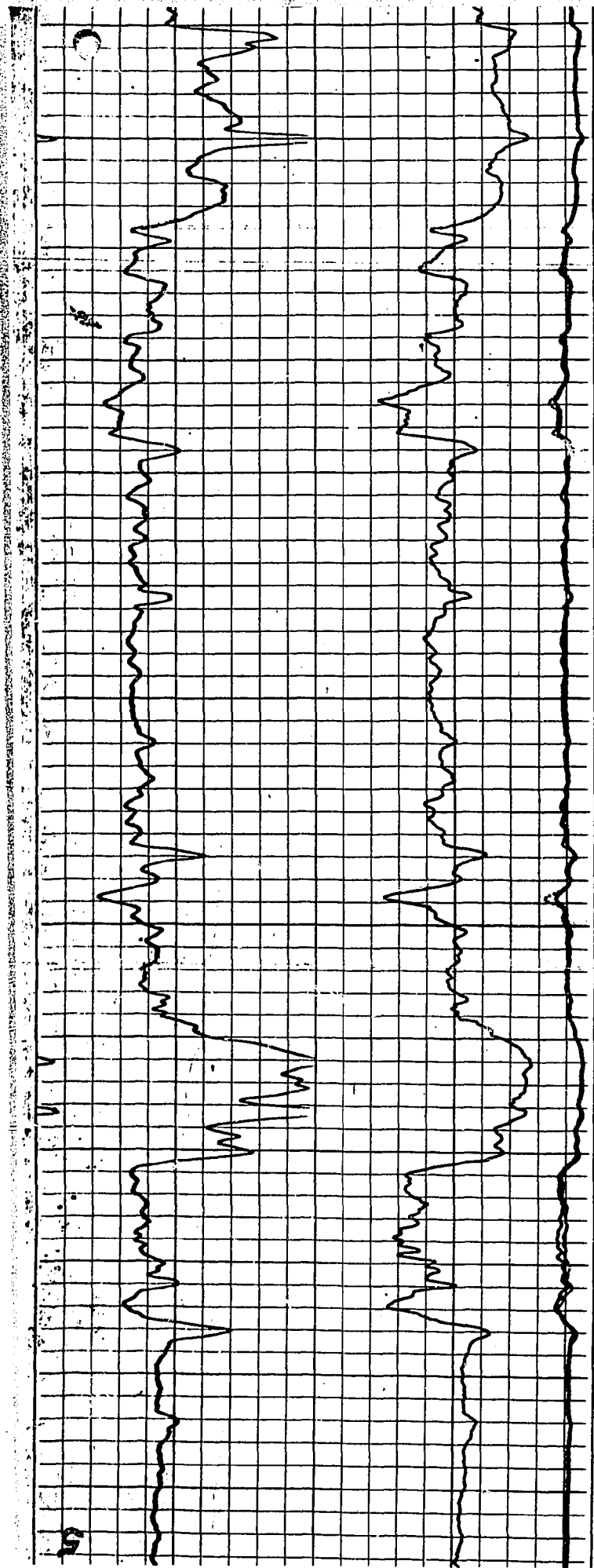
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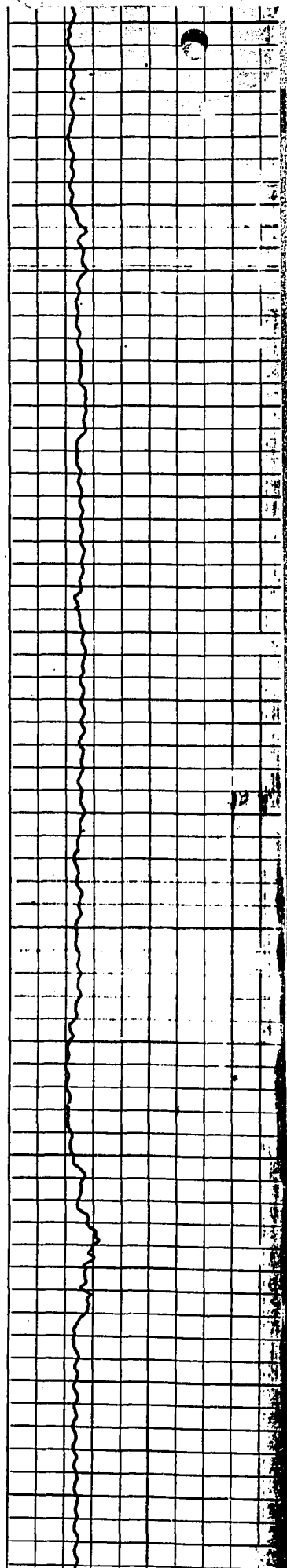
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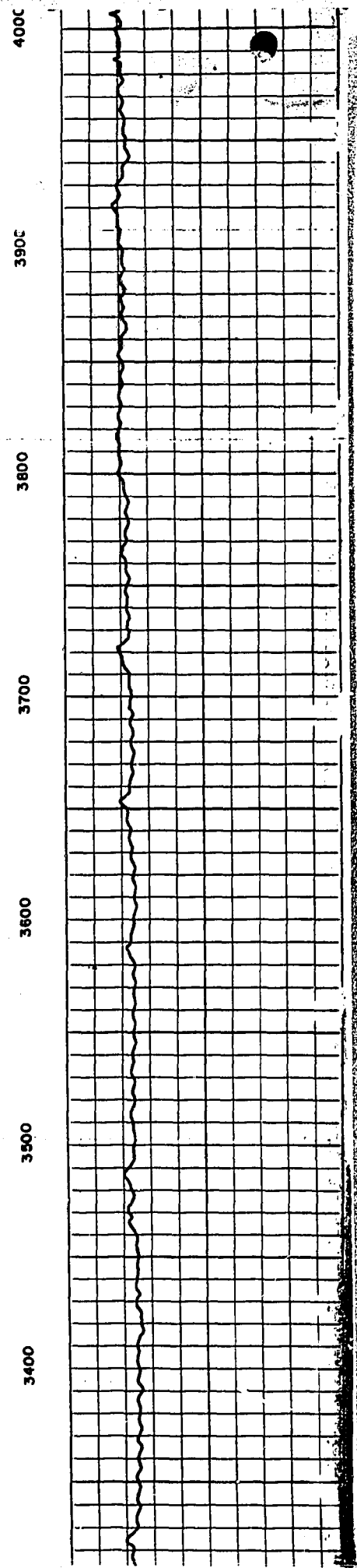
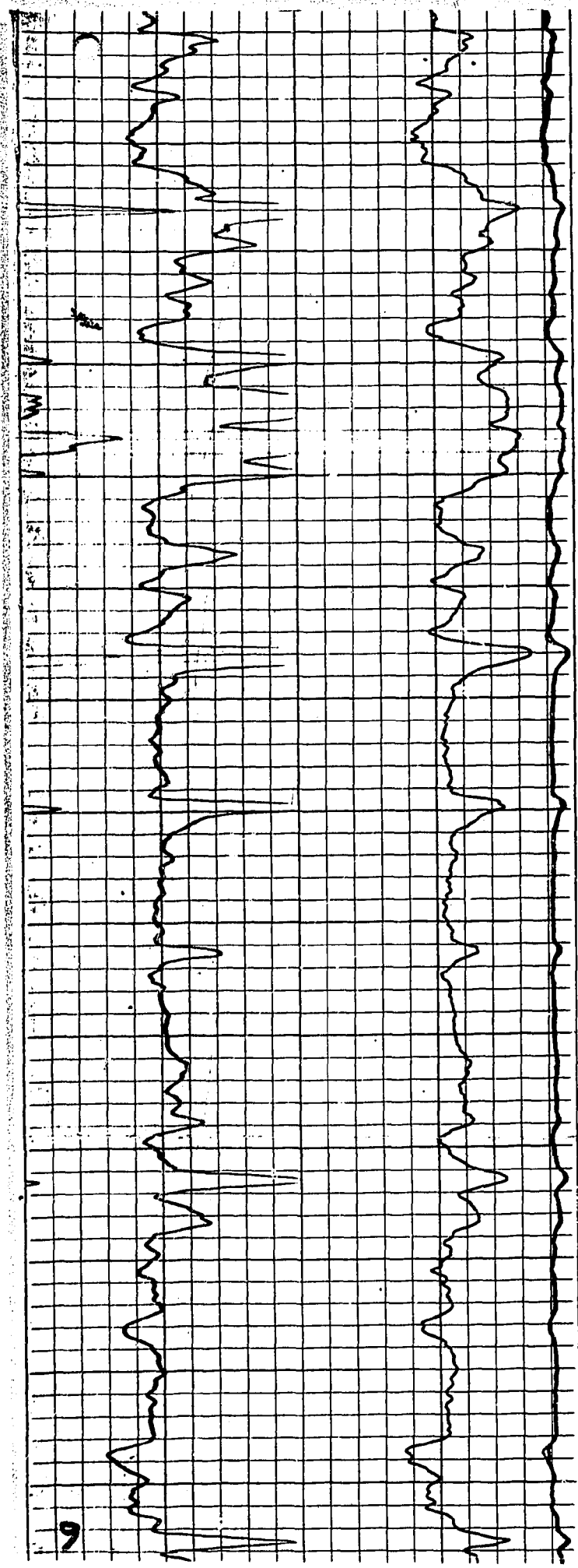


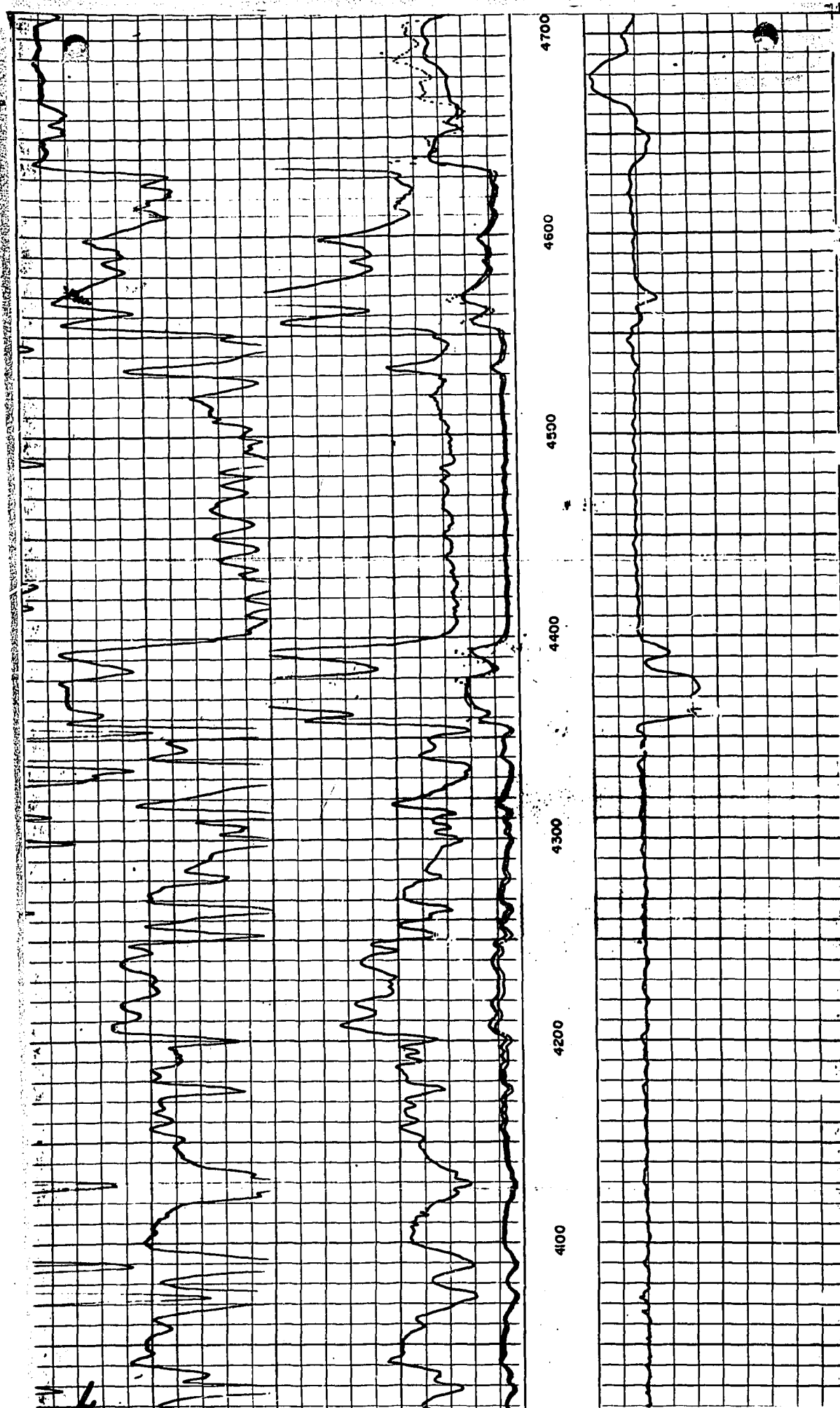


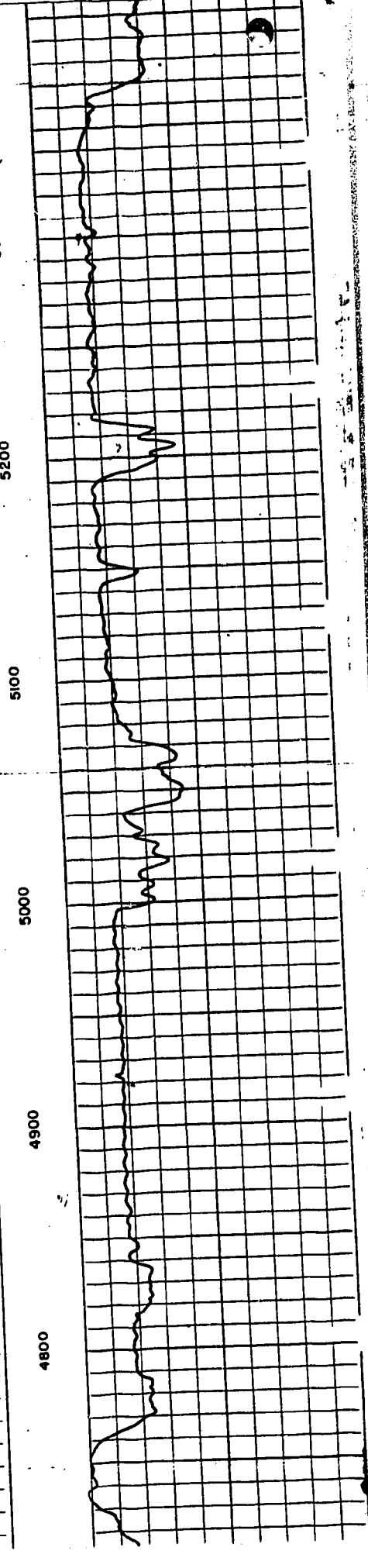
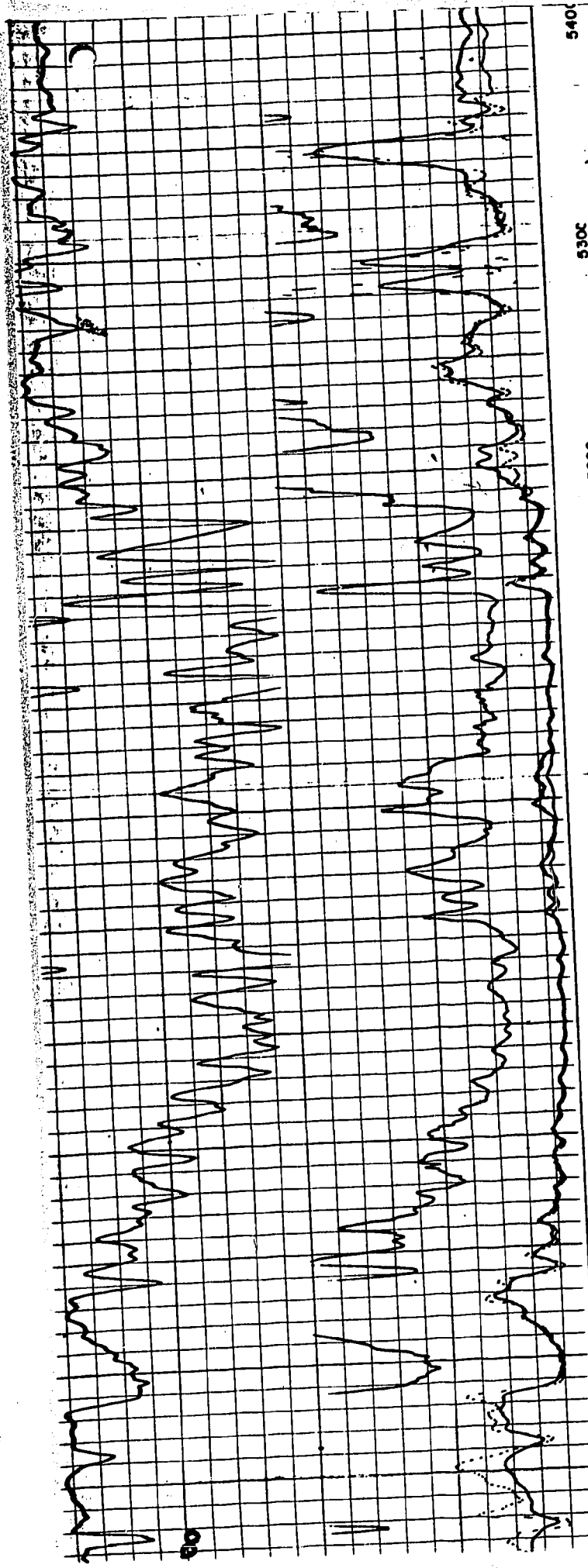


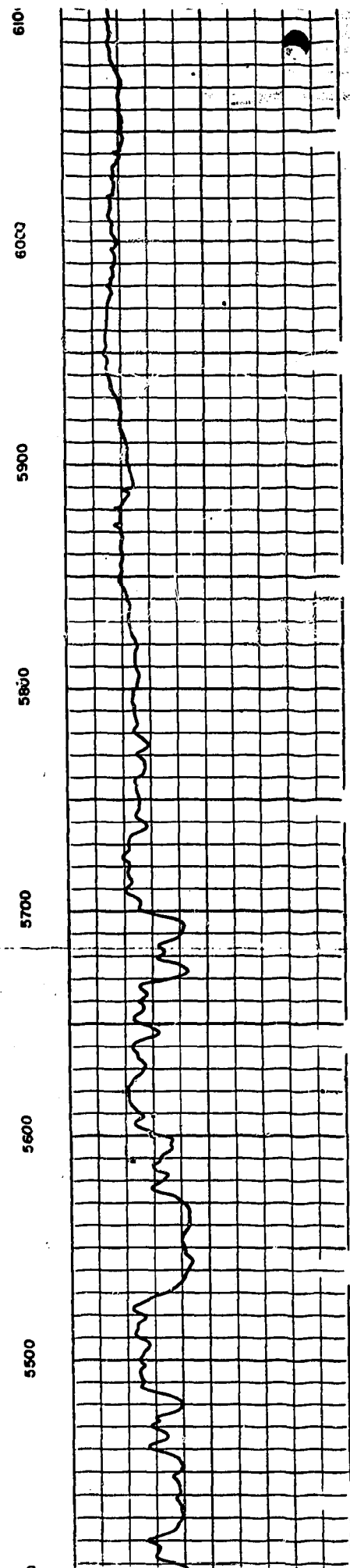
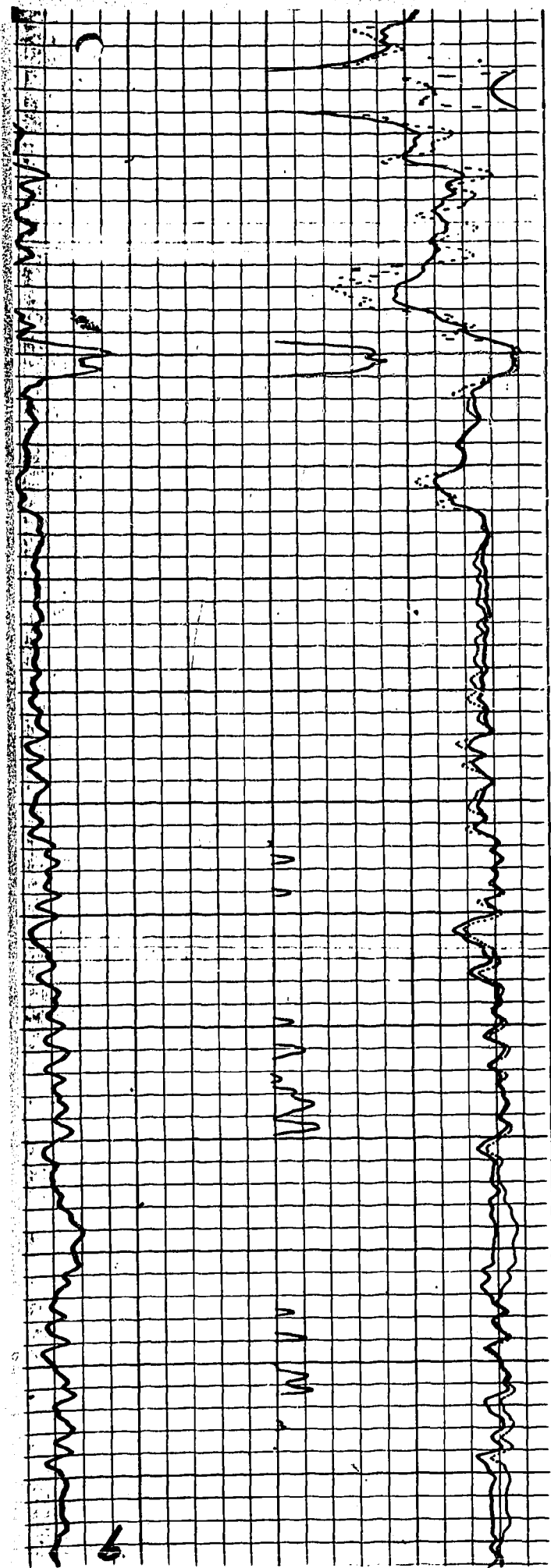
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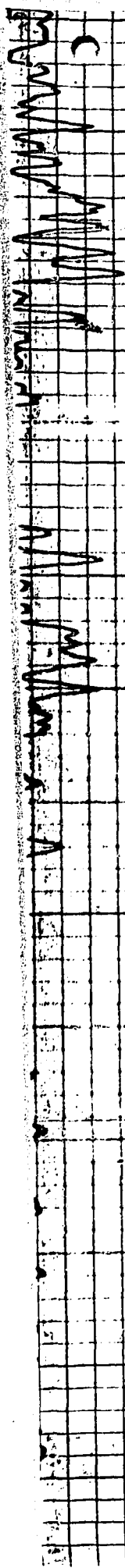




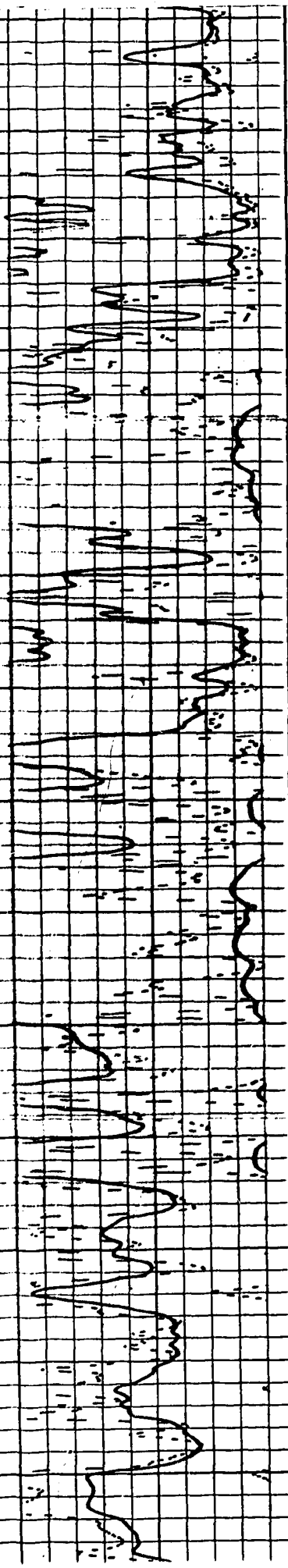




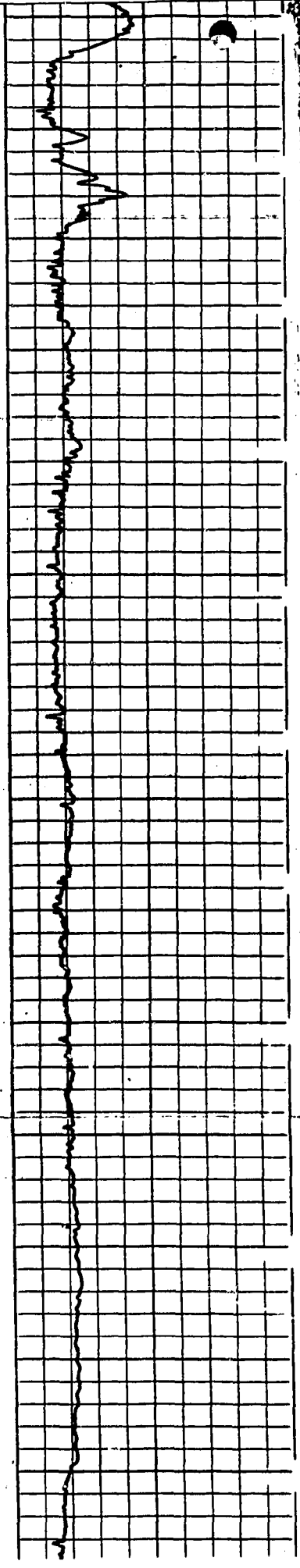


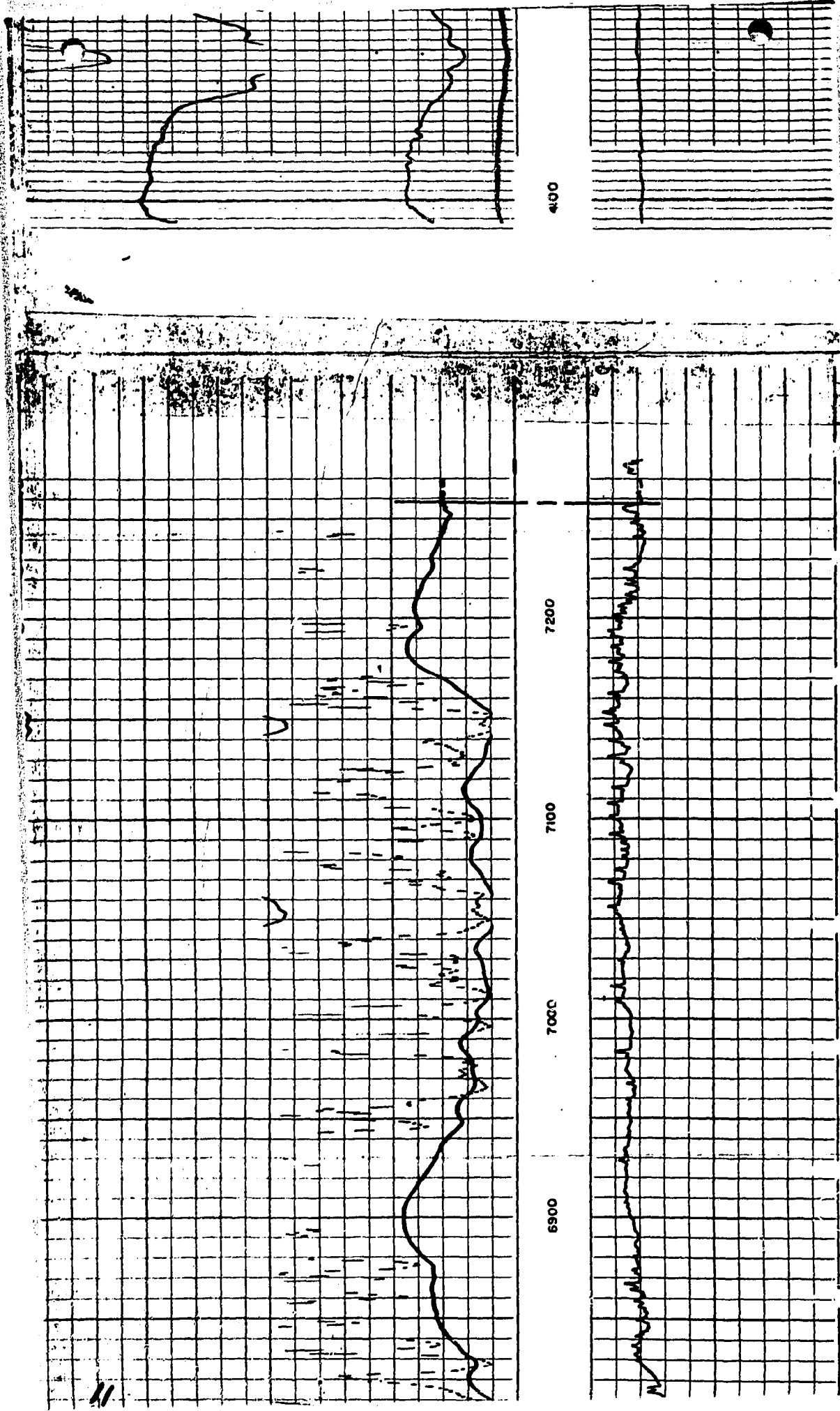


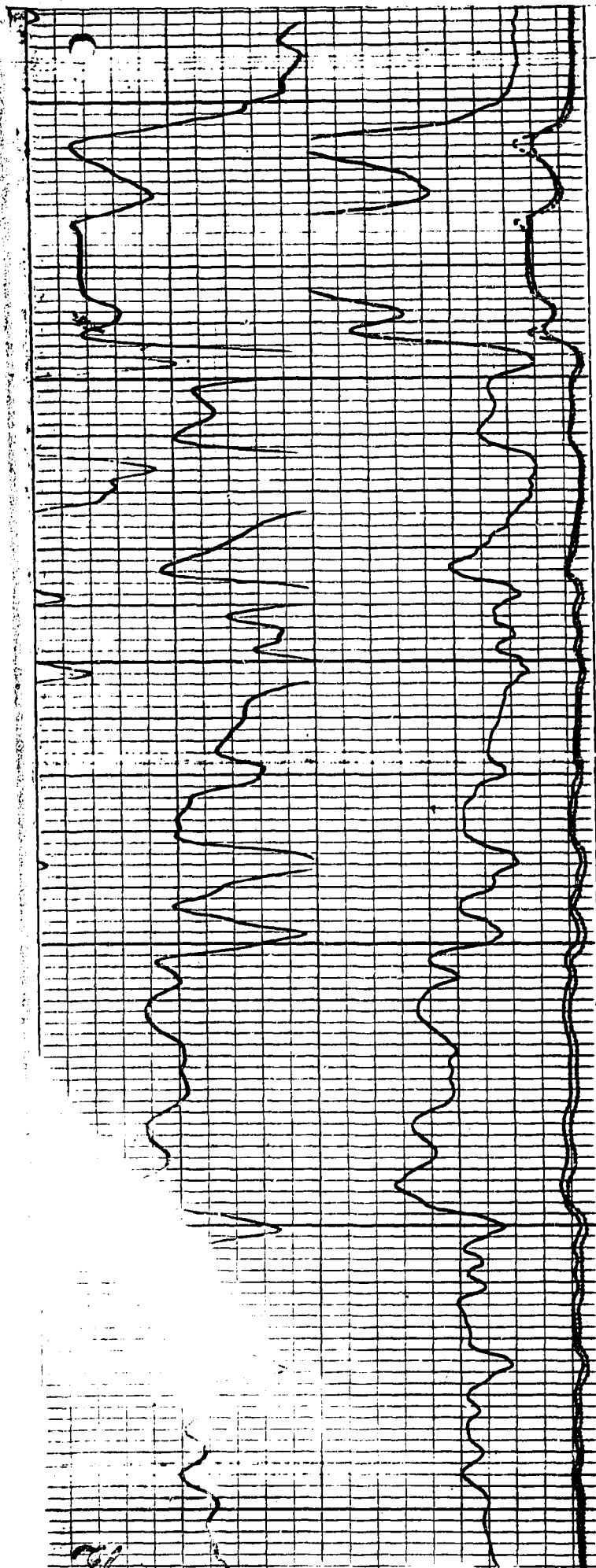
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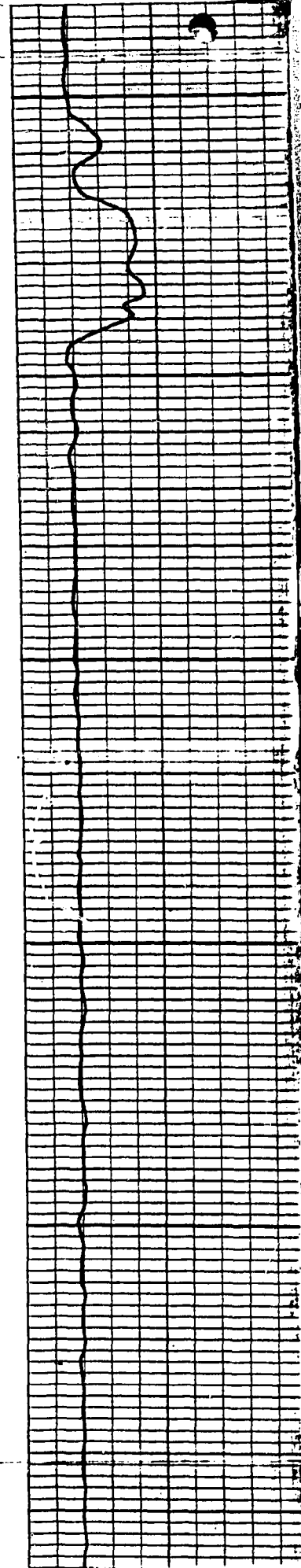


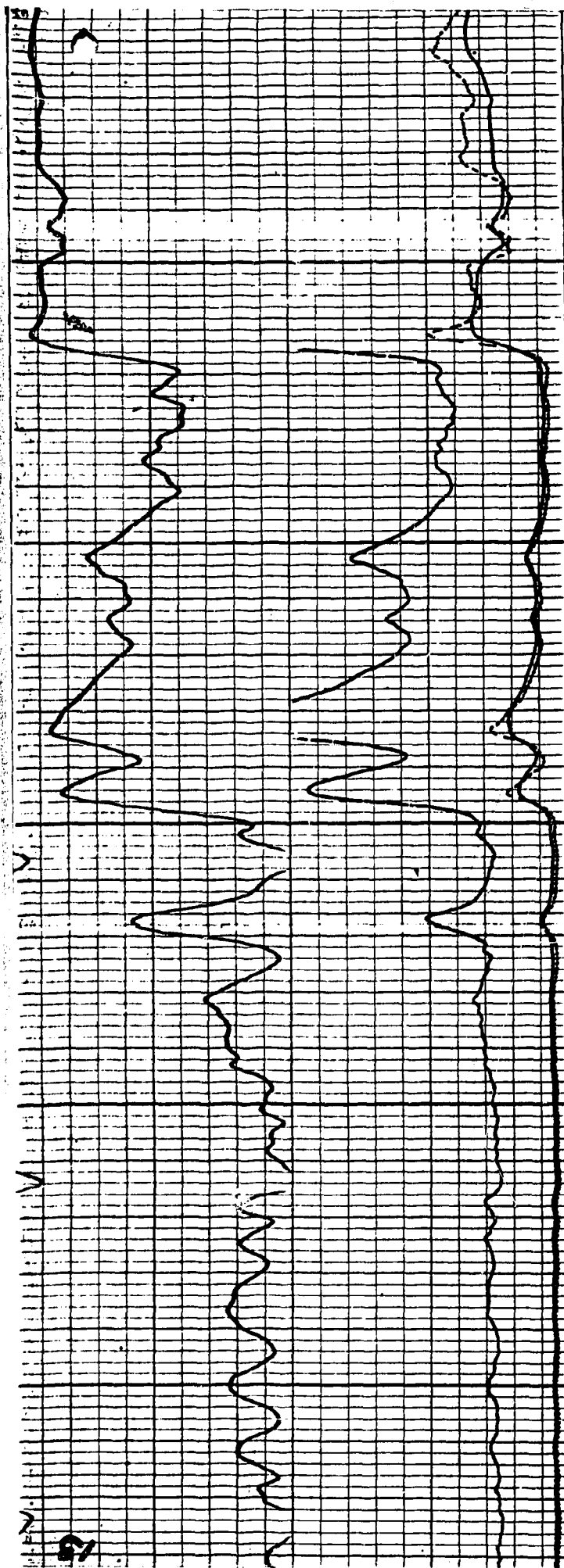


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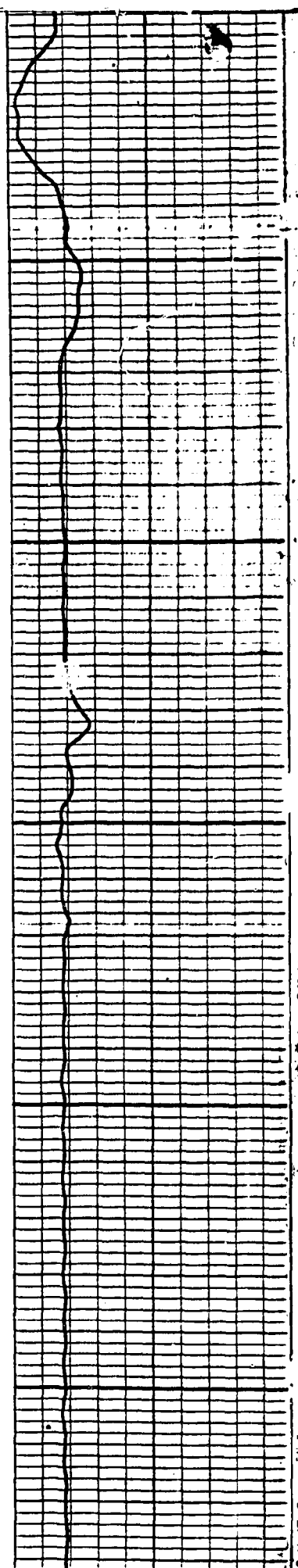
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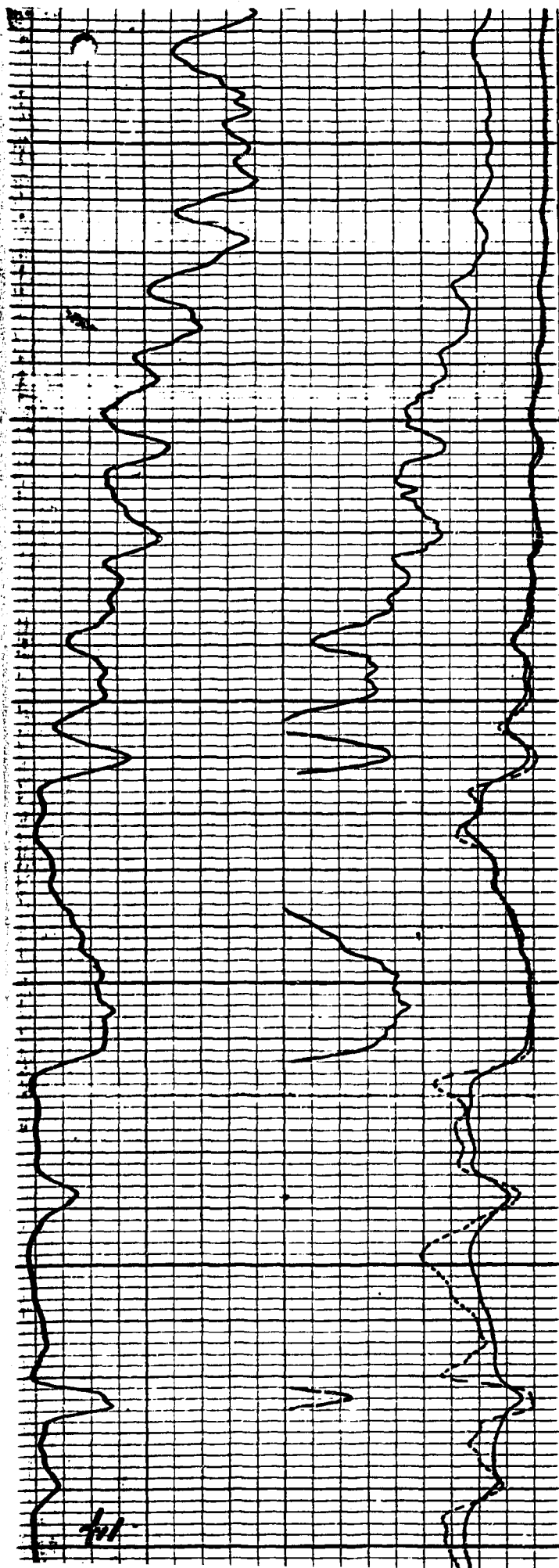




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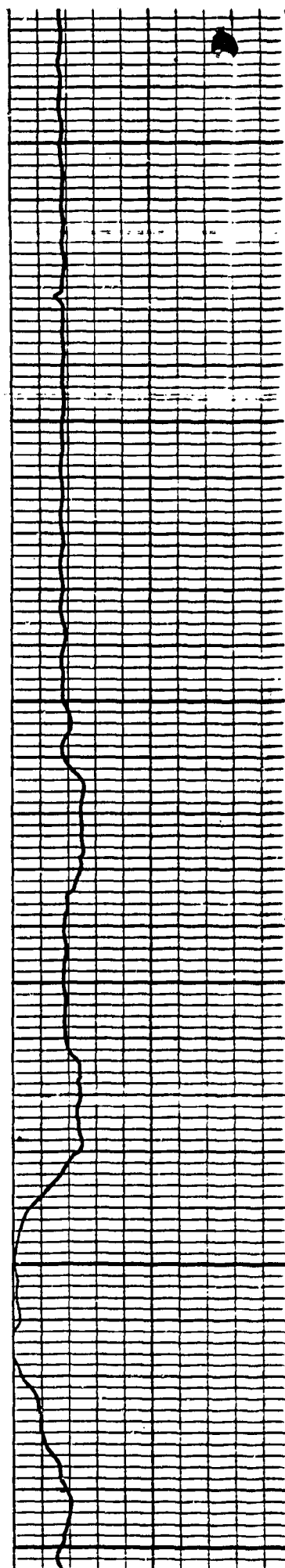


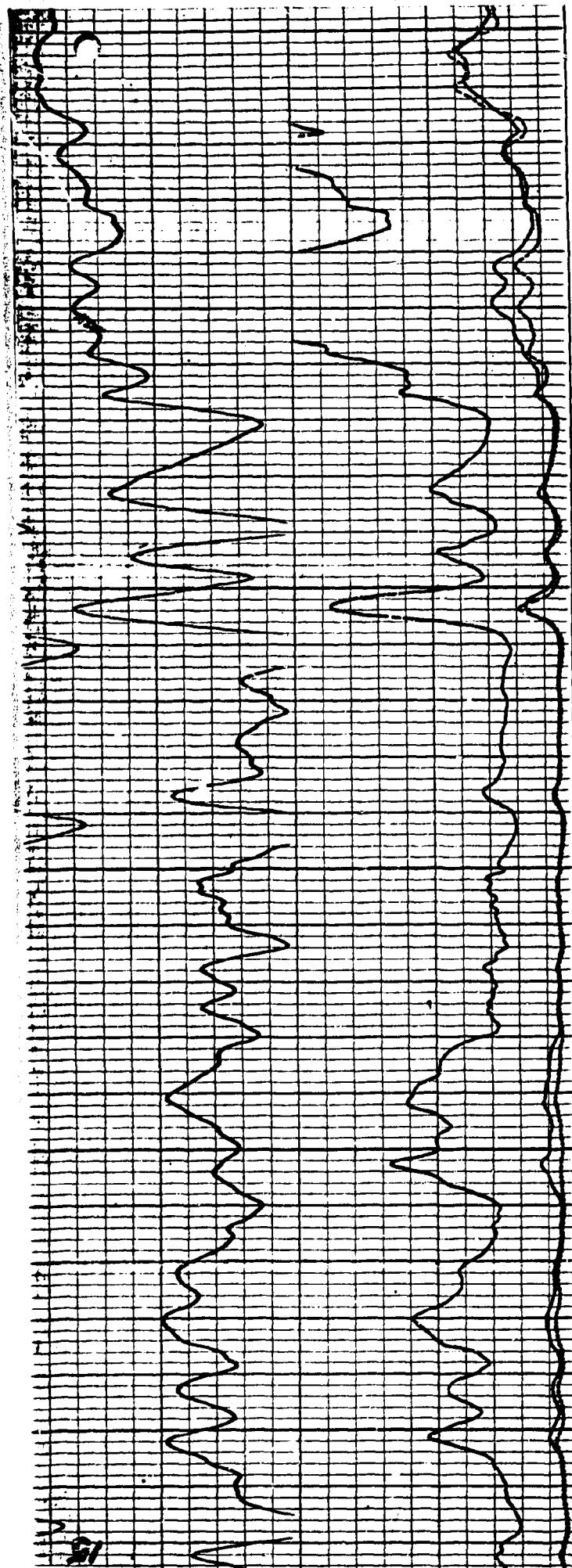


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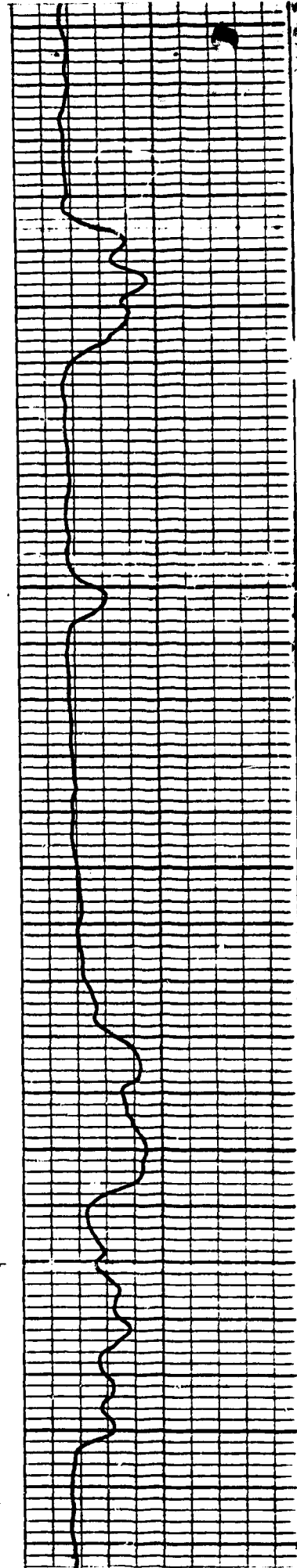


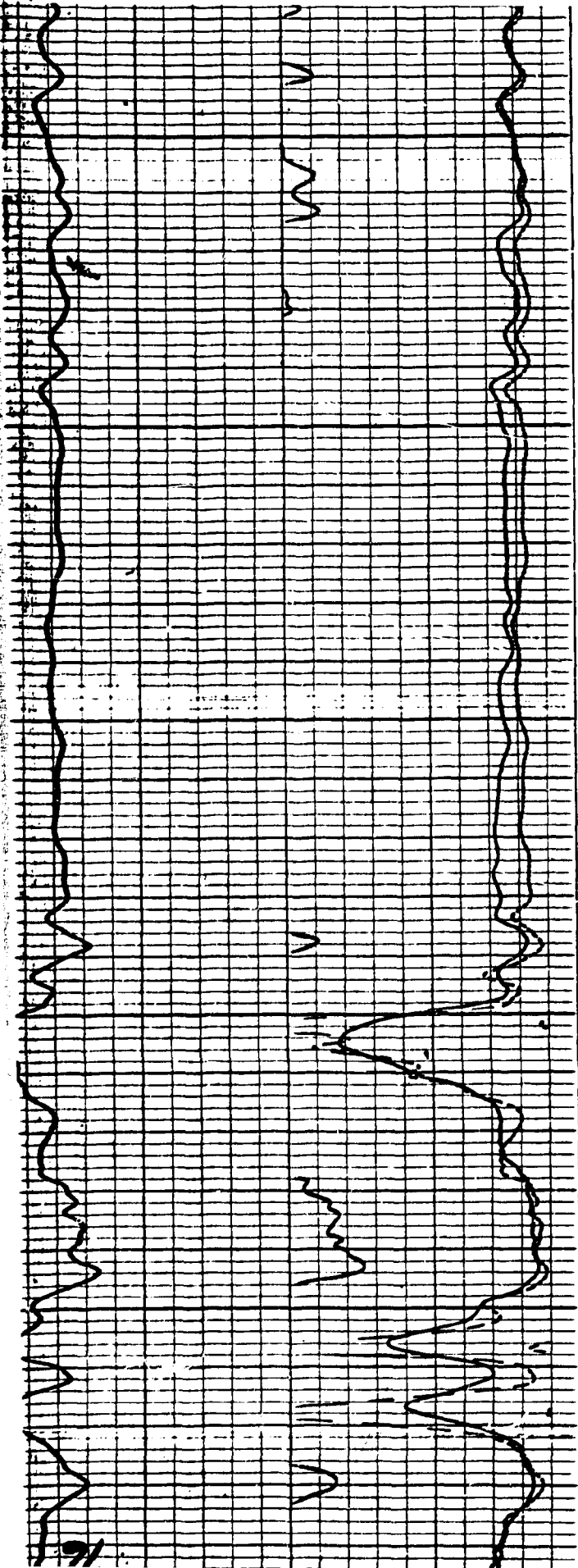


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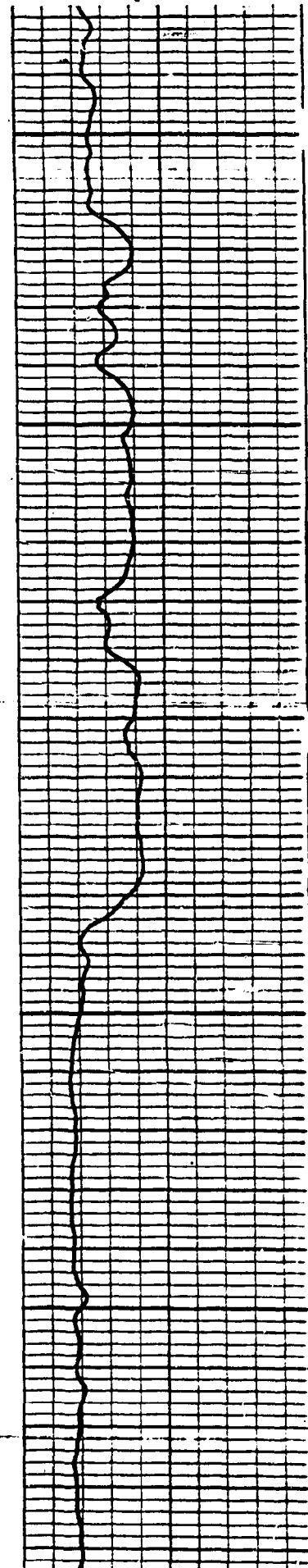


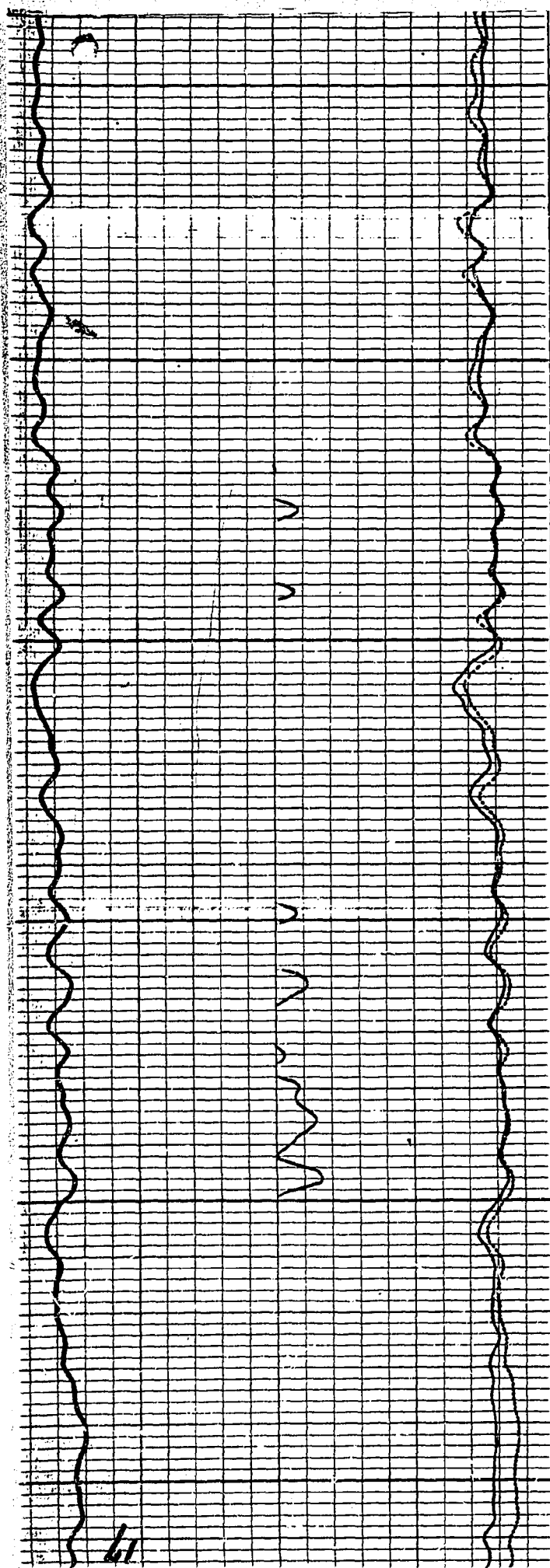


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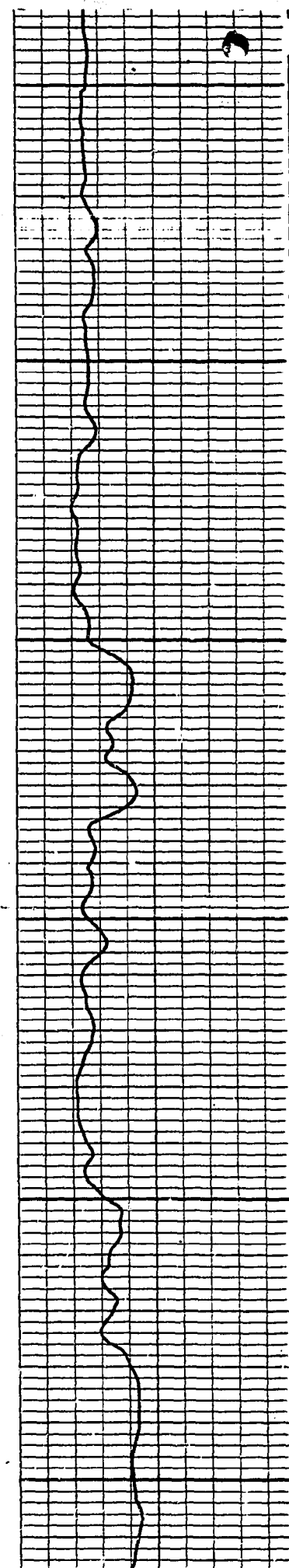


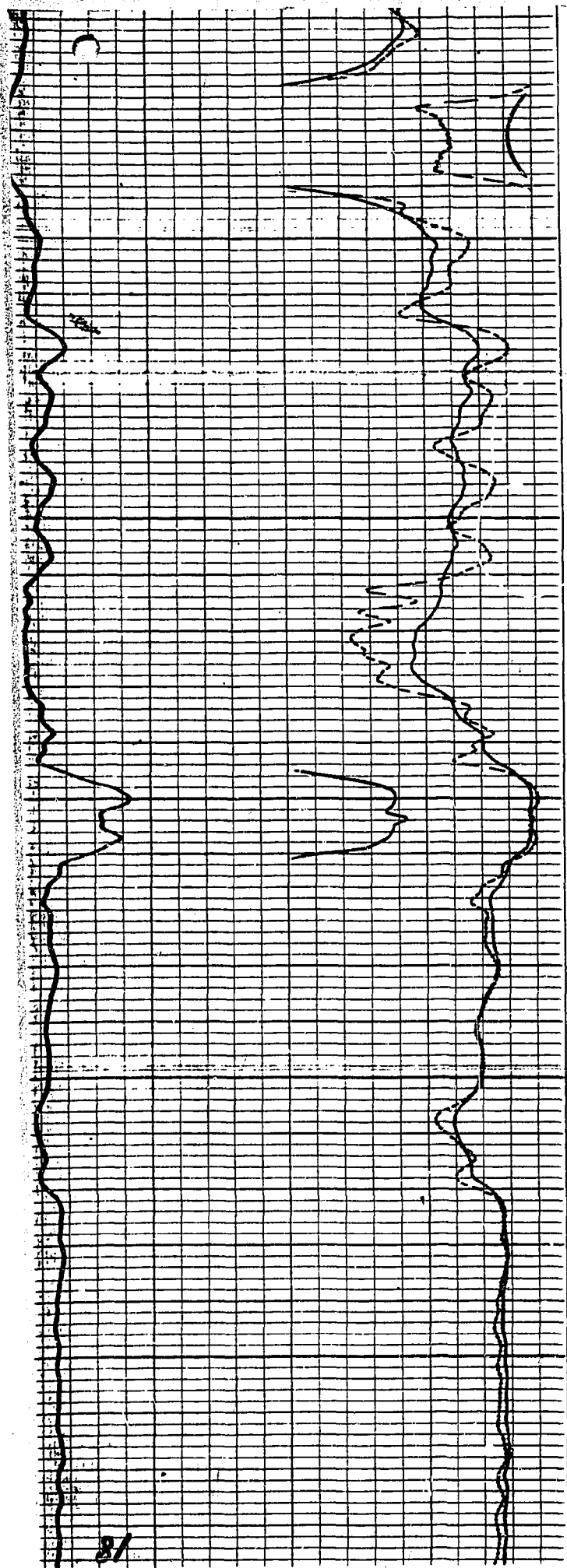


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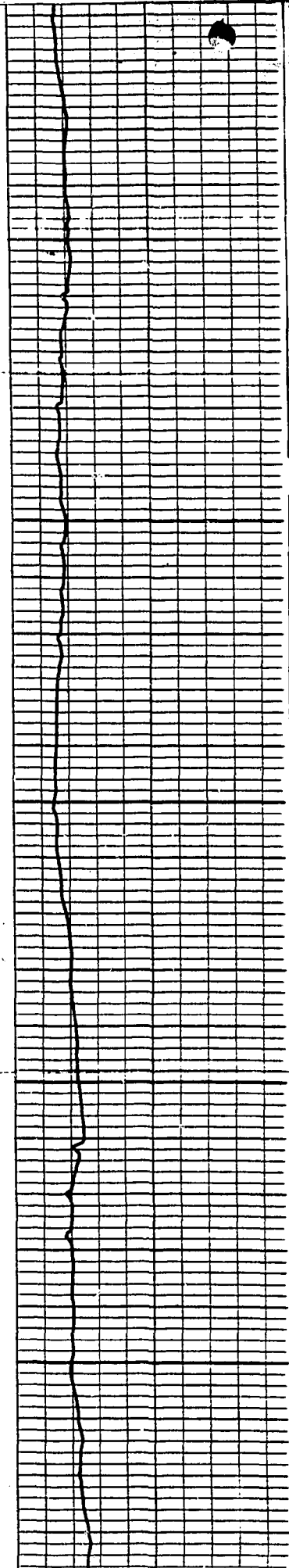
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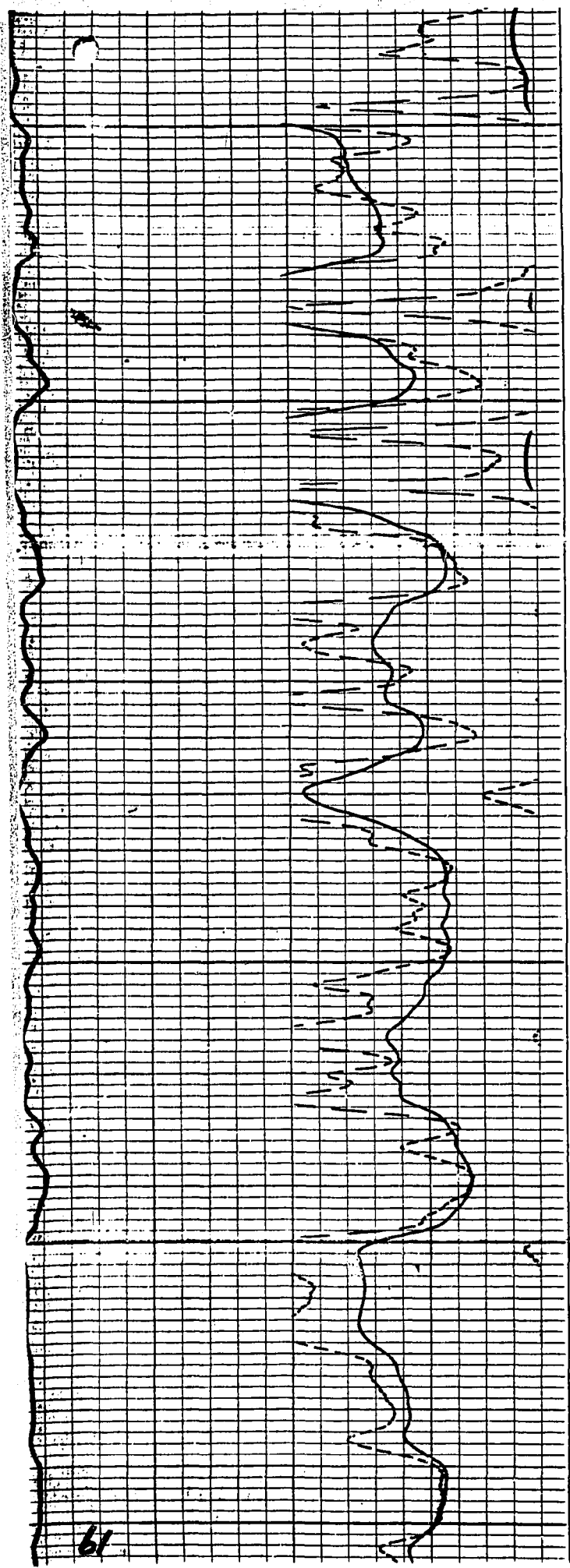




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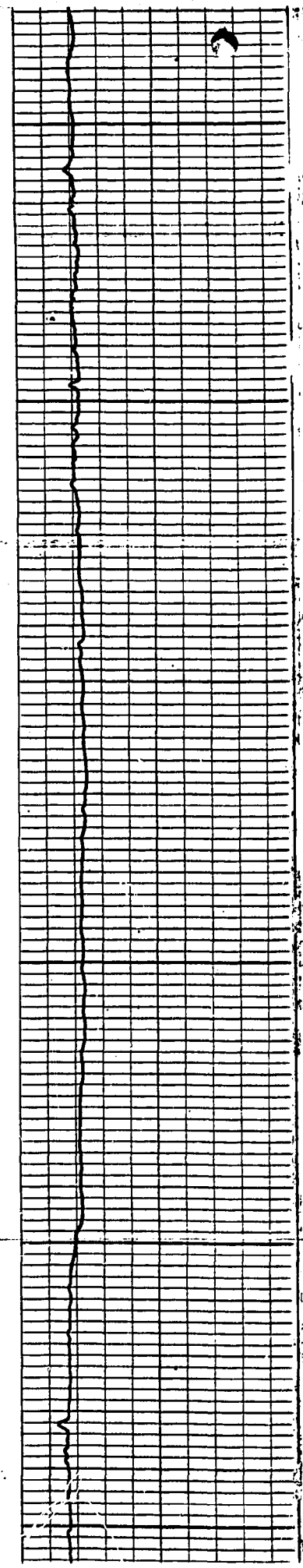


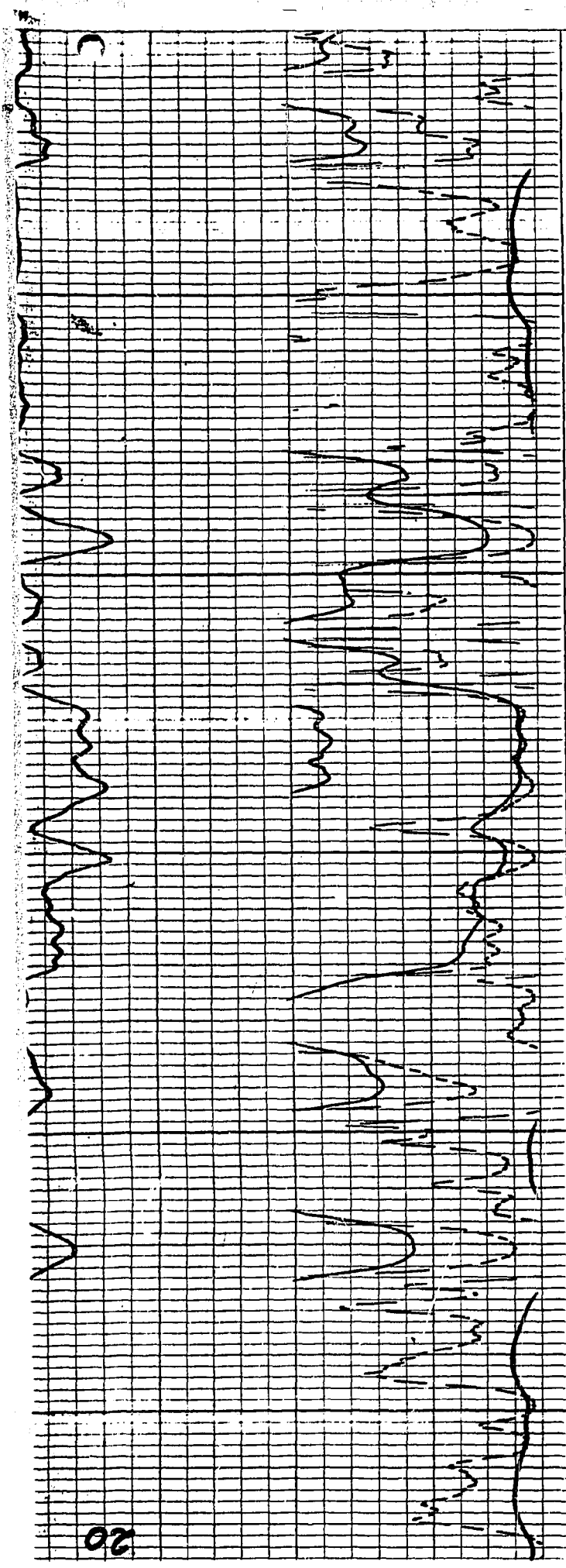


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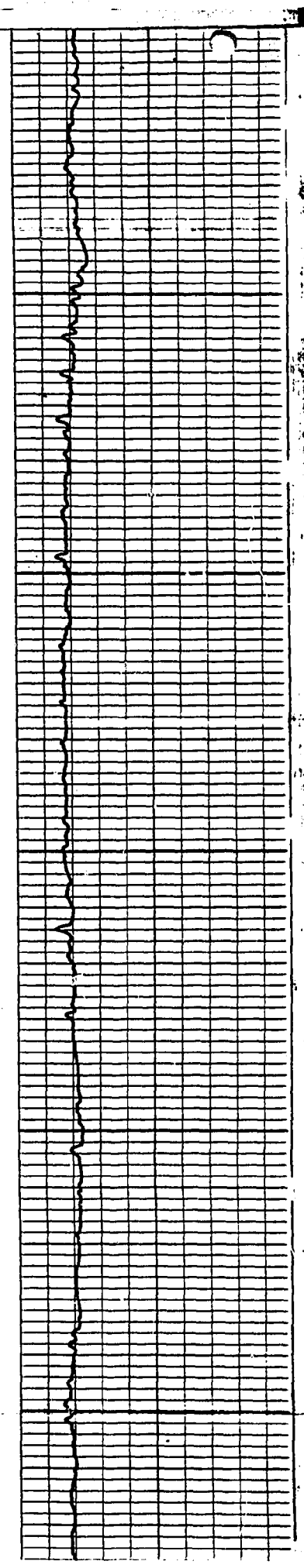


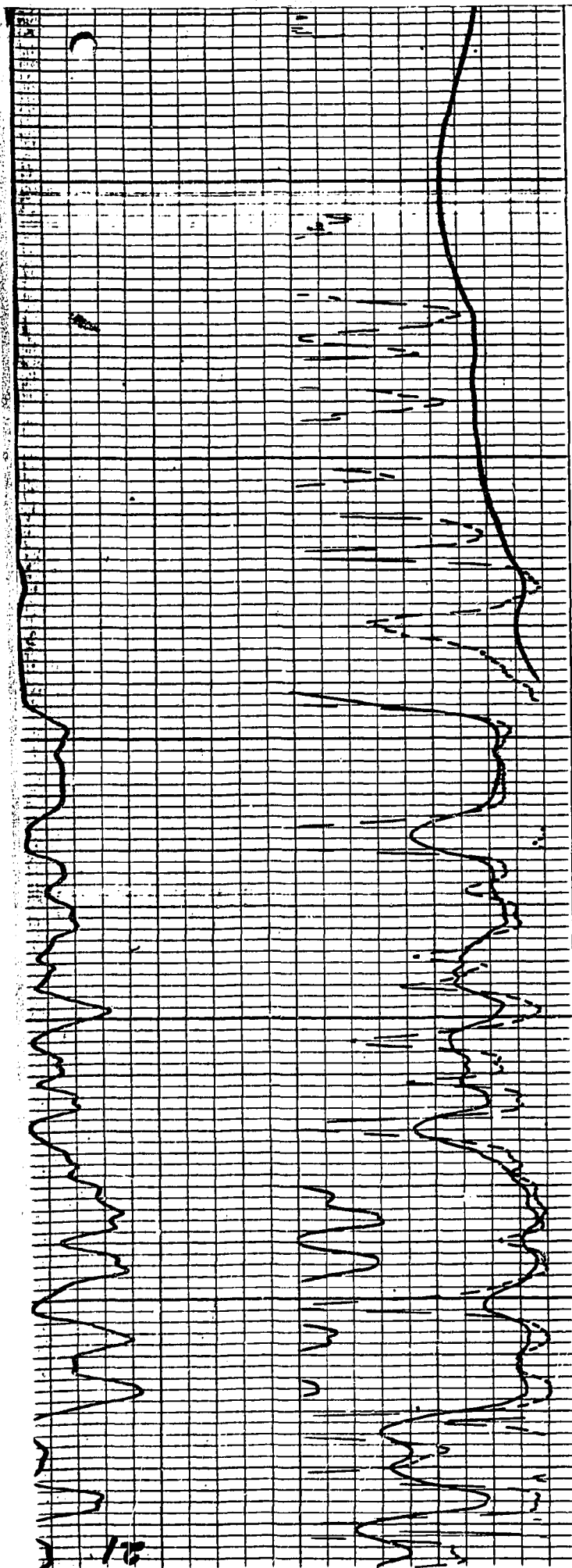


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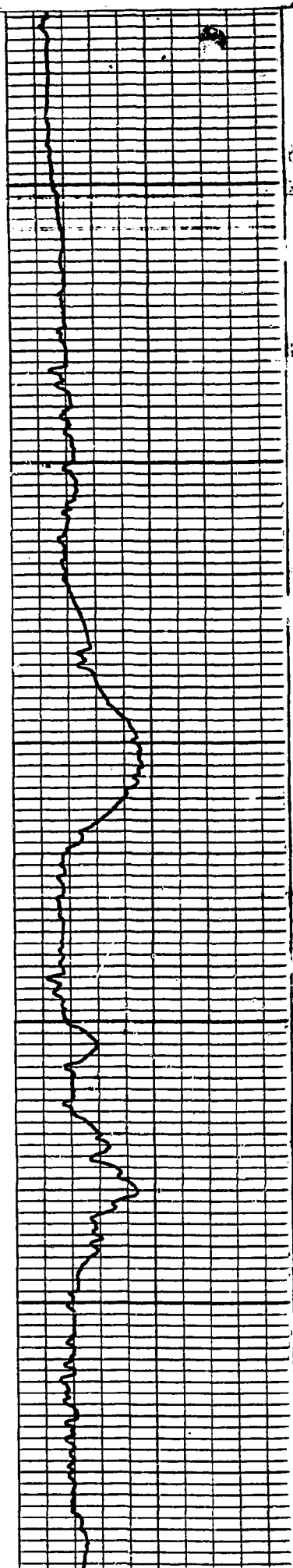


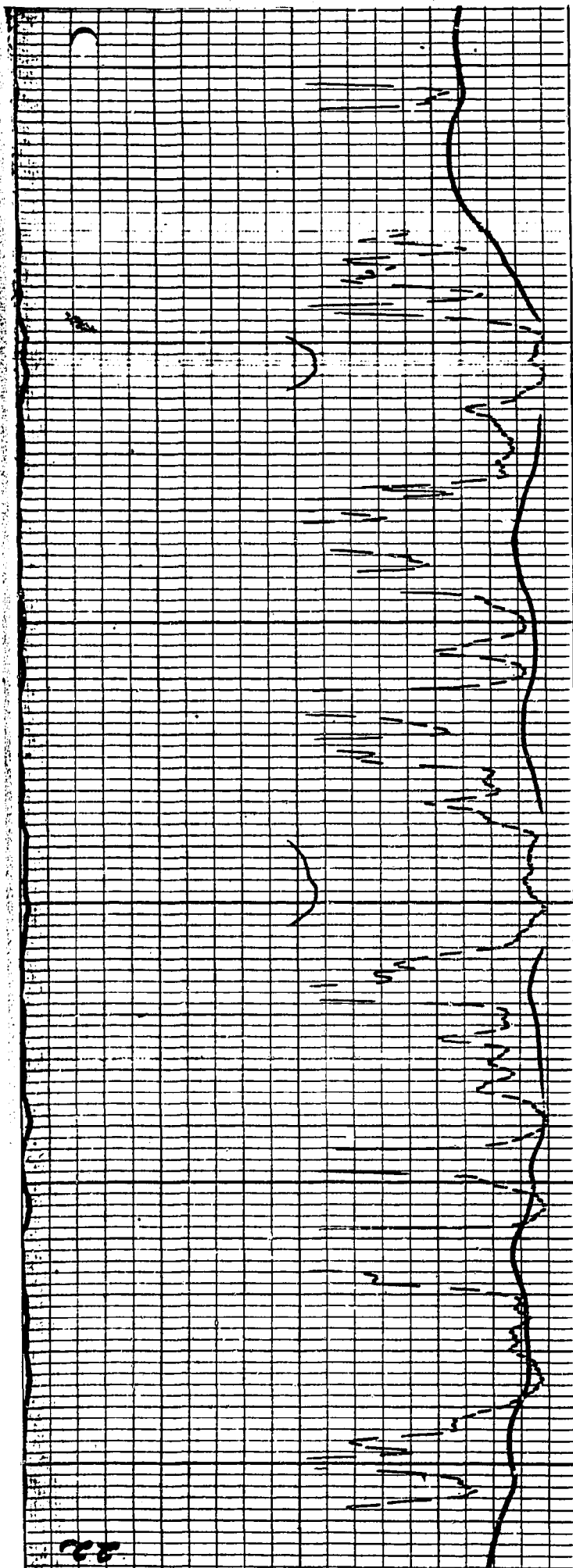


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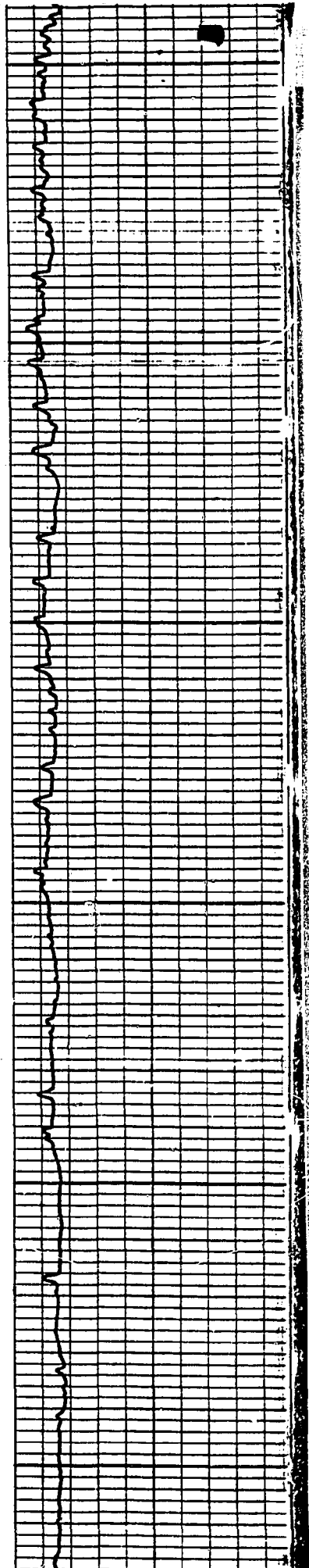


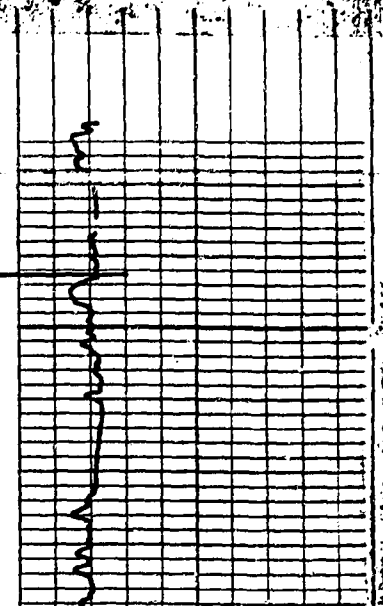
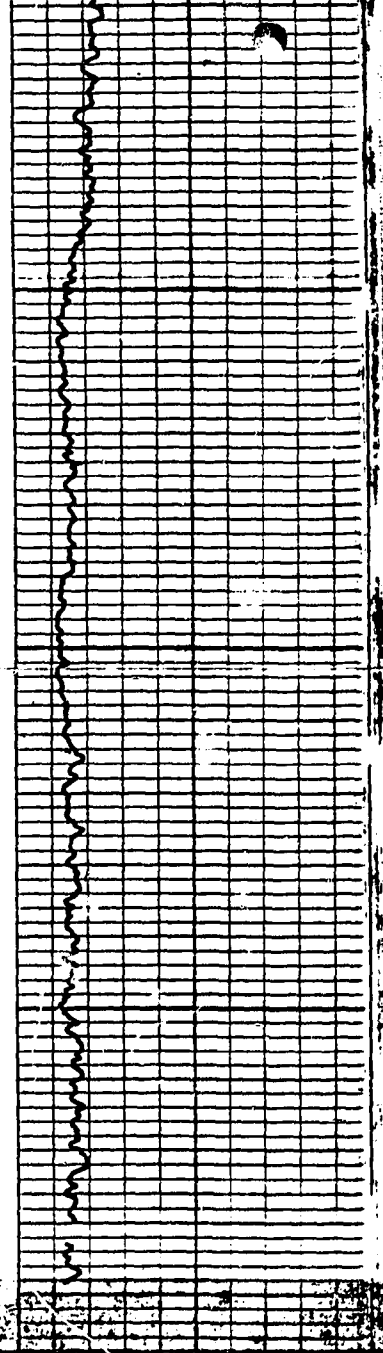
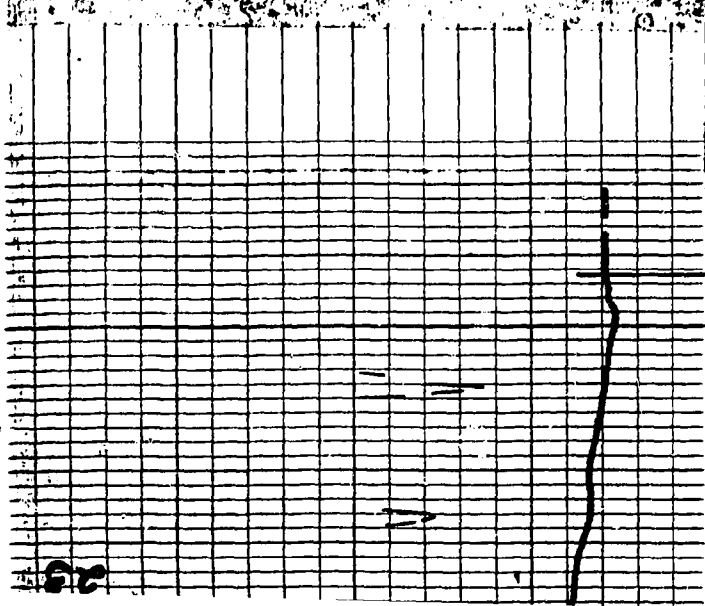
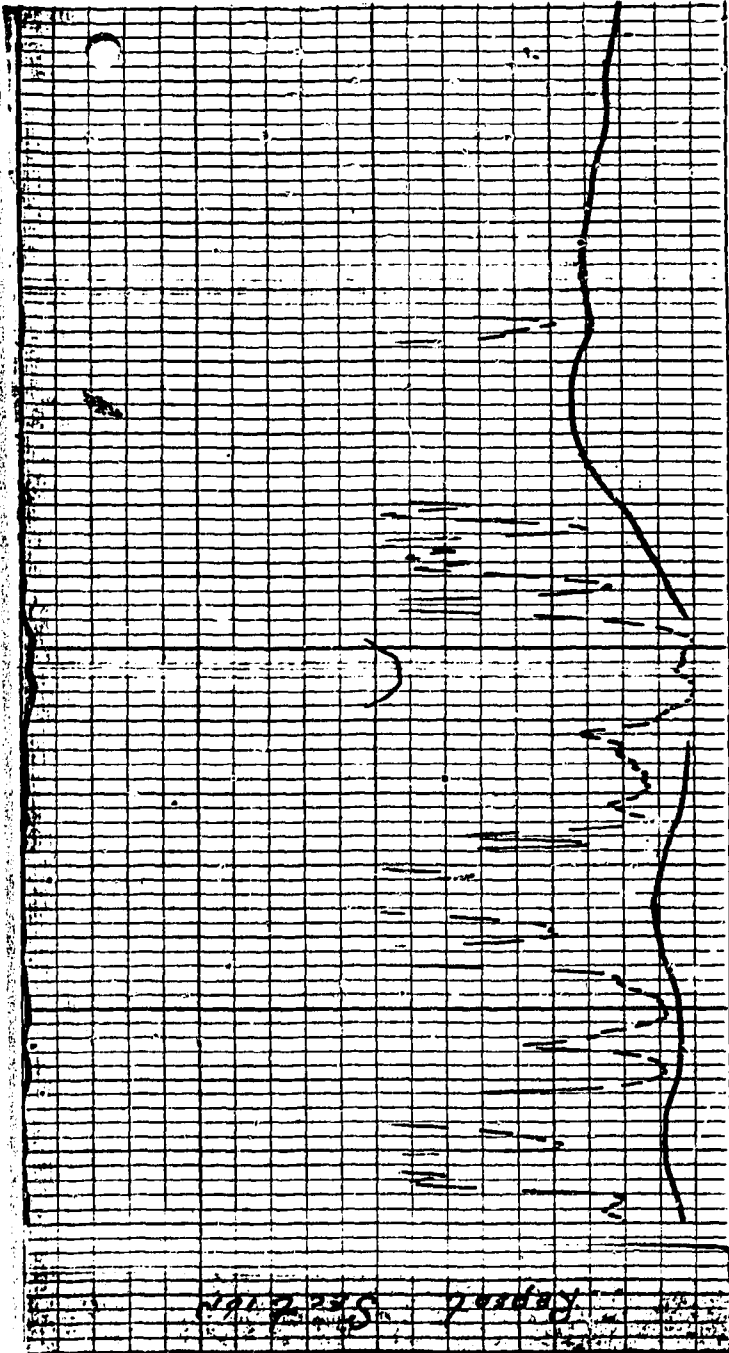


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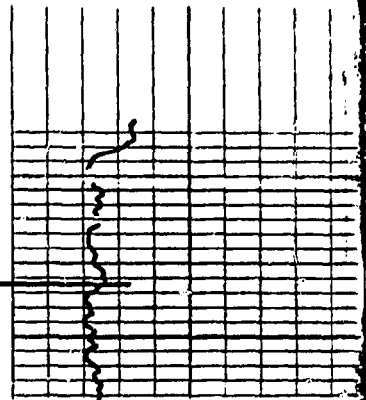
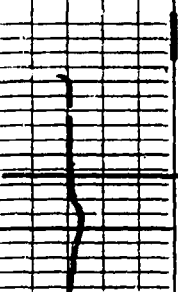
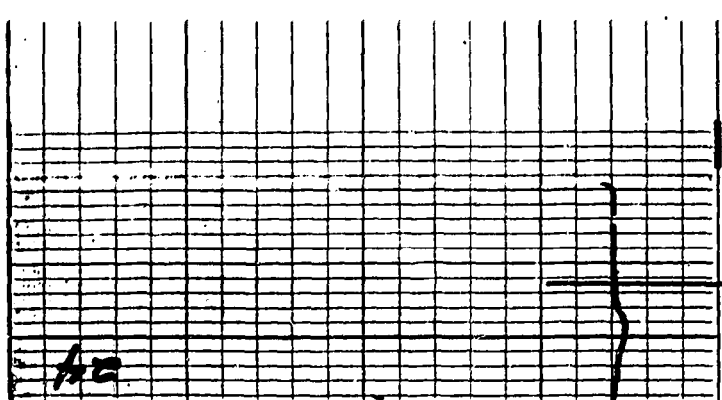
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343 FNL
1320-251 1062 FEL



File No. 21126
Filed: 1-17 1968
at Butte, M.

GM -

Butte Notice of COMPLETION of Groundwater
Clerk and Recorder Appropriation by Means of Well
Powder River County (Under Chapter 237, Montana Session Laws, 1961)

Twp. 9 Rge. 53

OWNER Kath B. Powell Address Butte Mont

Top of Ground -

Elev. above sea level. DRILLER Gene Wells Address _____

Date of Notice of Appropriation of Groundwater _____

Date well started 10-30-67 Completed 1-15-68

Type of Well Drilled Equipment Used _____
(dug, driven, bored, drilled) (churn, drill, rotary, etc)

Water Use: Domestic _____; Municipal _____; Stock ☒; Other _____;
Industrial _____; Drainage _____; Irrigation _____;

Indicate on diagram character and thickness of different strata met in drilling - si, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
<u>8 1/2"</u>	<u>8 1/2"</u>	<u>0</u>	<u>700</u>	<u>468</u>	<u>437</u>	<u>410</u>
			<u>650</u>	<u>410</u>	<u>396</u>	<u>" "</u>

Static Water Level for non-flowing well _____ feet

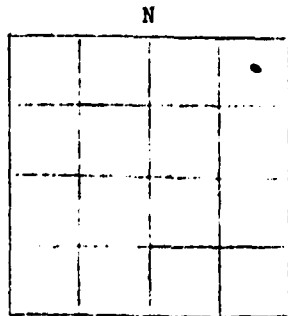
Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at _____ gal. per minute.

Discharge in Gal. per min. of flowing well _____

How Tested _____ Length of Test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)



Gene Wells (C)
Driller's License NO. _____

Driller's Signature _____

Sec 22, Twp. 48, Rge 53 East.

STATE OF MONTANA)
County of Powder River) ss.

Kath B. Powell having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mention in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein are true.

Owner's Signature _____

Subscribed and sworn to before me, this 17th day of Jan, 1968.

Barbara Edwards
Clerk and Recorder

2.07.80

WELLS

GAMMA/Ray

Neutron P.F.C.

Field
Print
Thank
you

COMPANY Keith Powell
WELL Water Well No 1 (Keith Powell)
FIELD Ranch Creek (No 6 - For Oil)
COUNTY Powder River STATE Montana

WELL POINT Ground Level
WELL DATUM Ground Level
WELL DRILLER 700
WELL NAME-WEELS 630
WELL FLUID Water-Mud
WELL LEVEL Full
WELL TYPE 4" - G.P.
WELL INSTRUMENT TYPE 402
OTHER SERVICES E-gun-Bullets

PERFORATED ZONES			
STR.	DEPTH	HOLES	
() FROM <u>468</u>	TO <u>437</u>	<u>15</u>	
() FROM <u>410</u>	TO <u>396</u>	<u>9</u>	
() FROM	TO		
() FROM	TO		
() FROM	TO		
() FROM	TO		
() FROM	TO		
() FROM	TO		

BORE HOLE RECORD				CASING RECORD			
FEET	FROM	TO	STR.	SIZE	WT.	FROM	TO
<u>0</u>	<u>0</u>	<u>700</u>	<u>Casing</u>	<u>8"</u>		<u>0</u>	<u>650</u>

DATE 1-15-69 S.O.N.O. --- TRUCK NO 60-1006
RECORDED BY VAN LOAN LOCATION Newcastle
WITNESSED BY Mr. Powell APPROVED BY Mr. Powell
REMARKS OR OTHER DATA NE - NE
Sac 22 - 95mth 53 East

Fig

Well
5000 L

AVI

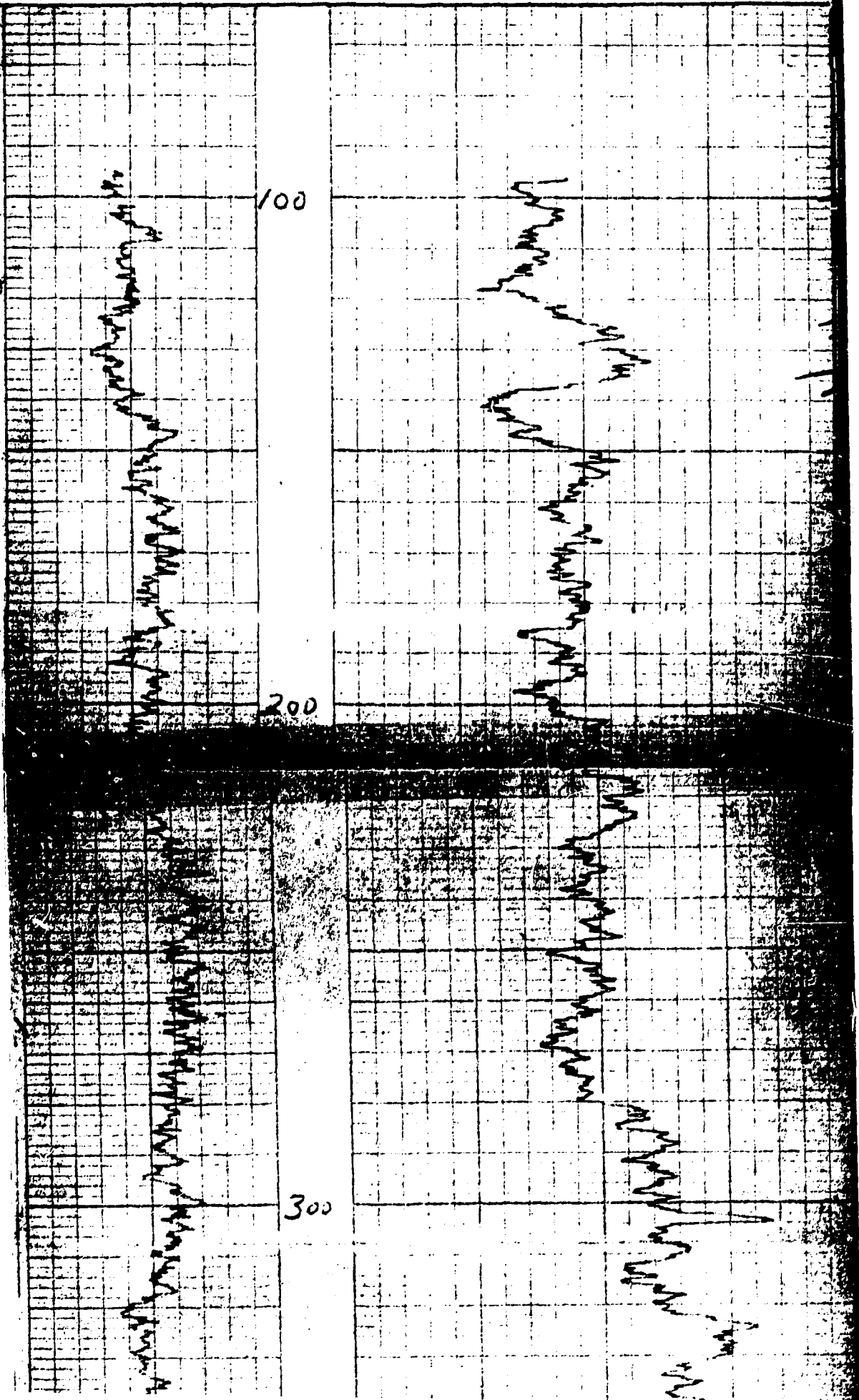
HOLES
7 15
26 9

TO
650

06

stic

well



300

400

9 Holes

15 Holes

Casing
Collars