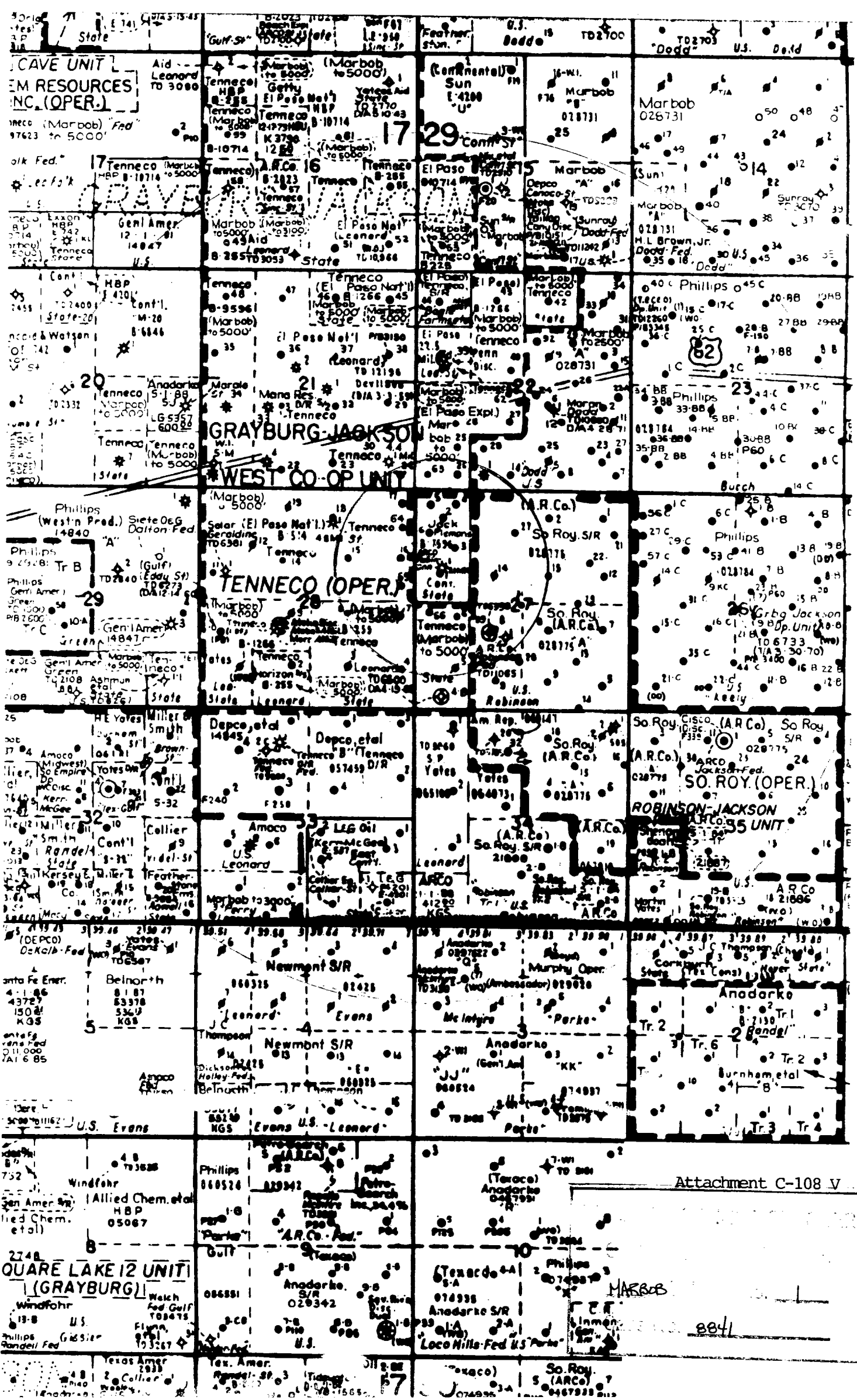
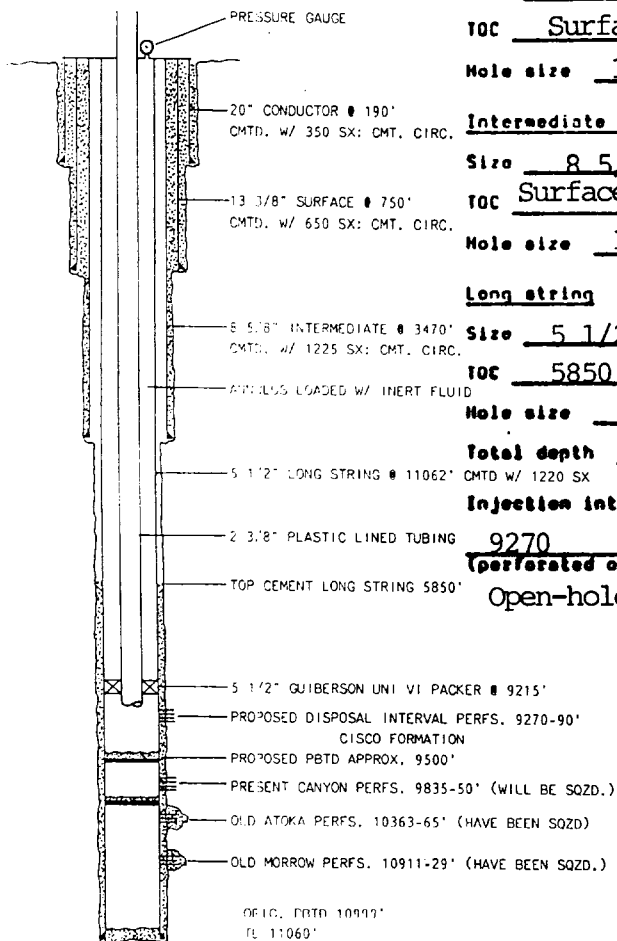




Marbob Energy Corporation		F. M. Robinson		
OPERATOR	LEASE			
1	1850 FNL 660 FWL	27	17S	29E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

Tabular Data



Surface Casing

Size 13 3/8 " Cemented with 640 sx.
 TOC Surface feet determined by cement circulated
 Hole size 17 1/2"

Intermediate Casing

Size 8 5/8 " Cemented with 1225 sx.
 TOC Surface feet determined by cement circulated
 Hole size 11"

Long string

Size 5 1/2 " Cemented with 1020 sx.
 TOC 5850 feet determined by ran CBL/GR Collar Log
 Hole size 7 7/8"

Total depth 11,062

Injection interval

9270 feet to 9290 feet
 (perforated or open-hole, indicate which)
Open-hole

BEFORE EXAMINER STOGNER

Oil Conservation Division

MARBOS Exhibit No. 2

Case No. 8841

Tubing size 2 3/8" lined with plastic coating set in a
 (material)
5 1/2" Giberson Uni VI packer at 9215 feet
 (brand and model)
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Cisco
- Name of field or Pool (if applicable) N/A
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Oil & Gas production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)
See attached Exhibit "A"
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Overlying pools are the Queen Grayburg San Andres to approximately 4000'. Underlying zones are Atoka at approx. 10,300' and the Morrow formation at approx. 10,700'.

EXHIBIT "A"

RU 5/29/79. Killed well, installed BOP. POH w/compl assy. RIH w/cmt retr, set retr @ 10,800'. Cmt squeezed perfs 10,911-10,929' w/100 sx C1 H cmt cont'g 1/2% Halad followed by 50 sx C1 C Neat cmt. RO 25 sx cmt to pit. Morrow P&A eff 6/3/79.

1. Rigged up 11/18/79, killed well, installed BOP, POH w/comp assy.
2. RIH w/tbg to Mod D pkr @ 10,326'. Squeeze cmtd perfs 10,363-10,365' w/50 sx C1 H w/.05% Halad-9 followed by 25 sx C1 H Neat cmt. Spotted 30' cmt plug on top of pkr @ 10,326'.
3. Ran GR-Collar log, found no cmt on top of pkr @ 10,326'. Ran & set CIBP @ 10,200' dumped 2 sx cmt on top. Atoka zone P&A eff 11/19/79.
1. On 11/20/79 perforated Canyon 9835-9850' w/4 JSPF.
2. RIH w/pkr, set pkr @ 9810'. Swbd tbg dry.
3. Acidized pers 9835-9850' w/3000 gals HCL acid, swbd back 418 BW, flwd 104 Bbls Dist in 2 hrs, 250-300# FTP, 8-10% wtr, SITP 2300#. Killed well, POH w/tbg & pkr.
4. RIH w/comp assy, pkr @ 9809'. Swbd load wtr. Well flwd 8 hrs on 32/64" ch, 40 BNO, 21 BLW, 400# FTP, SITP 1708#.
5. On 24 hr potential test 5/22/80 flwd Canyon perfs 9835-9850' 73 BO, 14 BW, 431 MCFG on 32/64" ck, FTP 180#. 51⁰ gnty, GOR 5904:1... FINAL REPORT.

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Oil Conservation Division

~~MARBOB~~ Exhibit No. 3

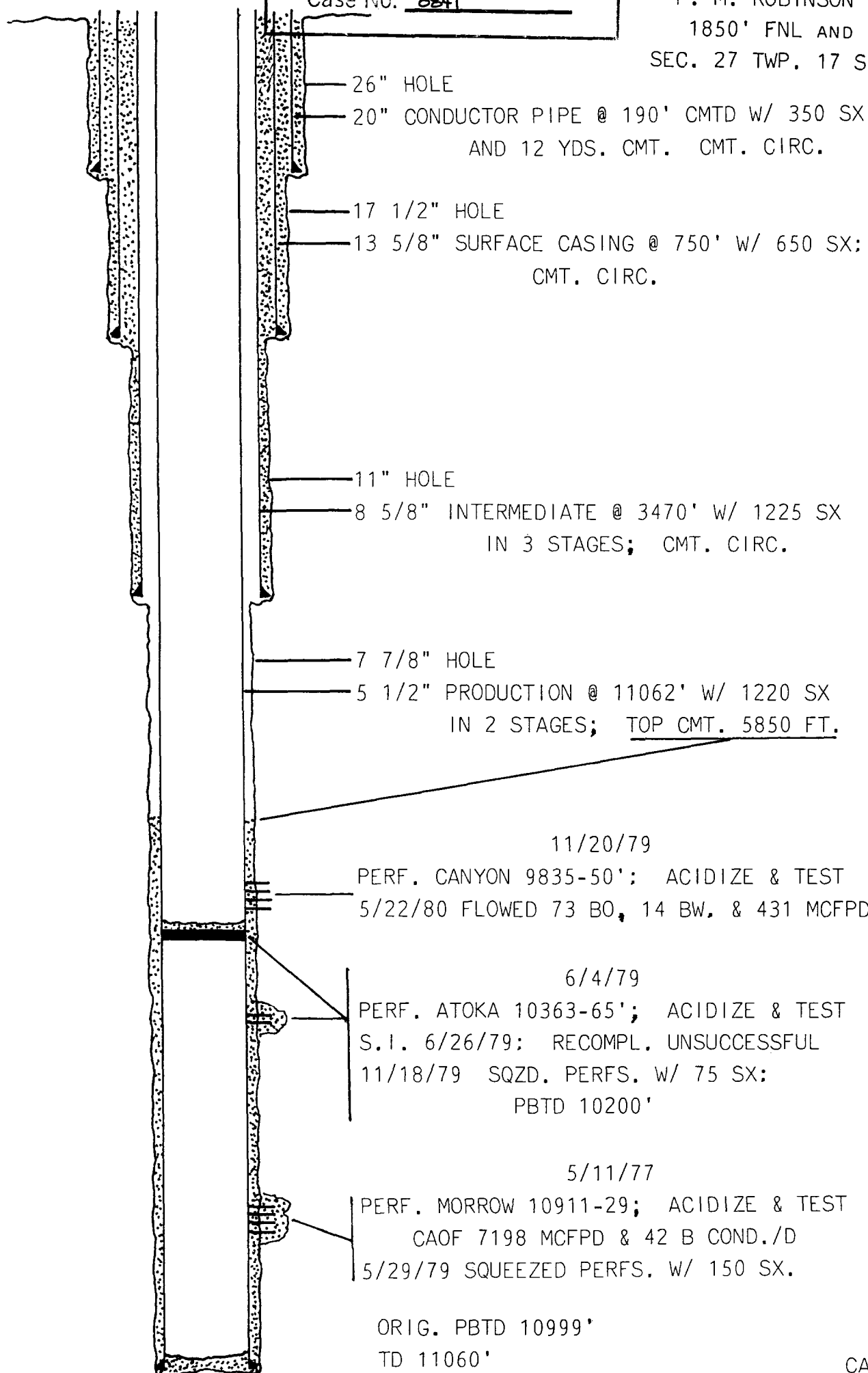
Case No. 8841

MARBOB ENERGY CORPORATION

F. M. ROBINSON WELL NO. 1

1850' FNL AND 660' FWL

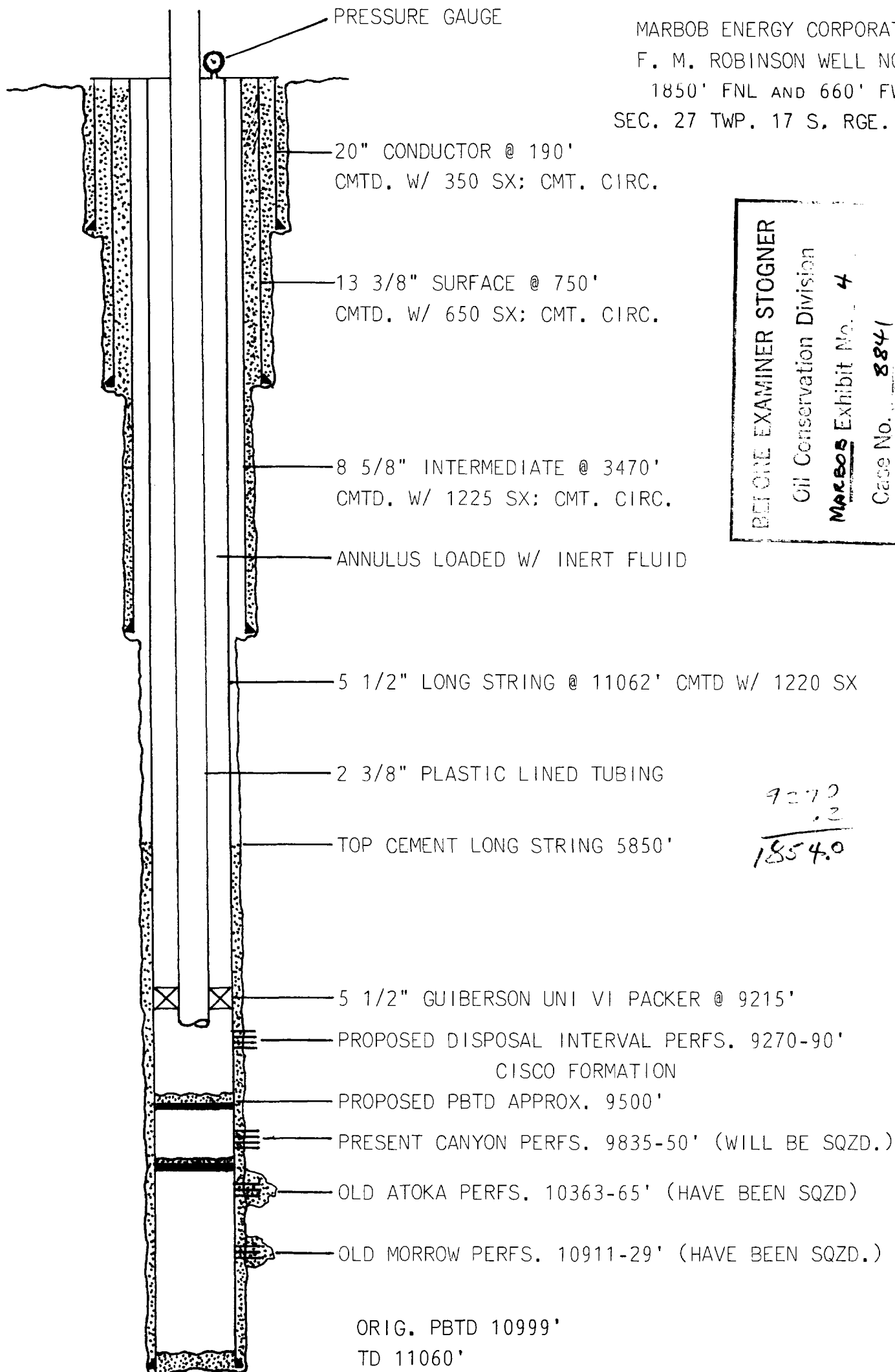
SEC. 27 TWP. 17 S. RGE. 29 E.



CASE 8841

MARBOB EX. 3

PRESENT CONDITION



MARBOB ENERGY CORPORATION
F. M. ROBINSON WELL NO. 1
1850' FNL AND 660' FWL
SEC. 27 TWP. 17 S. RGE. 29 E.

BEFORE EXAMINER STOGNER

Oil Conservation Division

MARBOB Exhibit No. 4

Case No. 8841

9270
.2
1854.0

CASE 8841
MARBOB EX. 4

PROPOSED COMPLETION

DATA SHEET

(Section VII, Form C-108)

1. Proposed Rate of Injection
 - A. Average daily rate of injection: 2000 barrels
 - B. Maximum daily rate of injection: 5000 barrels
2. Type of System
System will be open
3. Anticipated Injection Pressure
It is anticipated that the injection pressure will be nominal but in no event would the pressure exceed 0.2 psi per foot of depth to the top of the injection zone at 9270 feet, or 1854 psi.
4. Source of Injection Water
Source of disposal water is San Andres wells located in Sections 21, 22, and 28 of Township 17 South, Range 29 East. See Attachment VII (a) for analysis of disposal water.
5. Disposal Zone Water Analysis
Disposal is to be into a zone not productive of oil or gas within the area of review. A review of the records revealed that there are not any analysis of water from this zone on file. Water analysis records were checked with Halliburton and Western Company to no avail. A review was made with Artesia Oil Conservation Division for material on this zone in this area. We anticipate that the formation water will contain lower chlorides than our disposal water but that it will be compatible with the formation.

Attachment C-108 VII

BETTER EXAMINER STOGNER	
Artesia Oil Conservation Division	
MA 303	No. <u>5</u>
Case No.	<u>2241</u>

WATER ANALYSIS REPORT

COMPANY Marbob Energy ADDRESS _____ DATE 12-4-85
 SOURCE G J West Bty DATE SAMPLED 12-4-85 ANALYSIS NO. _____
 Analysis _____ Mg/l _____ Meq/l

1. pH 7
 2. H₂S (Qualitative) Positive
 3. Specific Gravity 1.105
 4. Dissolved Solids _____
 5. Suspended Solids _____
 6. Phenolphthalein Alkalinity (CaCO₃) _____
 7. Methyl Orange Alkalinity (CaCO₃) 600
 8. Bicarbonate (HCO₃) _____
 9. Chlorides (Cl) _____
 10. Sulfates (SO₄) _____
 11. Calcium (Ca) _____
 12. Magnesium (Mg) _____
 13. Total Hardness (CaCO₃) _____
 14. Total Iron (Fe) _____
 15. Barium (Qualitative) _____
 16. Strontium _____
- *Milli equivalents per liter

BEFORE EXAMINER STOGNER
 U.S. GEOLOGICAL SURVEY
 MARBOS 174,938.6
 Case No. 8841

HCO ₃	<u>732</u>	- 61	<u>12</u>	HCO ₃
Cl	<u>102,908</u>	- 35.5	<u>2899</u>	Cl
SO ₄	<u>3750</u>	- 48	<u>78</u>	SO ₄
Ca	<u>4400</u>	- 20	<u>220</u>	Ca
Mg	<u>486</u>	- 12.2	<u>40</u>	Mg
	<u>13,000</u>			

PROBABLE MINERAL COMPOSITION

220	Ca	←	HCO ₃	12	Compound	Equiv. Wt.	X	Meq/l	Mg/l
40	Mg	←	SO ₄	78	Ca (HCO ₃) ₂	81.04		12	972
2729	Na	←	Cl	2899	Ca SO ₄	68.07		78	5309
					Ca Cl ₂	55.50		130	7215
					Mg (HCO ₃) ₂	73.17		0	0
					Mg SO ₄	60.19		0	0
					Mg Cl ₂	47.62		40	1905
					Na HCO ₃	84.00		0	0
					Na ₂ SO ₄	71.03		0	0
					Na Cl	58.46		2729	159,537

Saturation Values Distilled Water 20°C
 Ca CO₃ 13 Mg/l
 Ca SO₄ • 2H₂O 2,090 Mg/l
 Mg CO₃ 103 Mg/l

REMARKS cc: J. Stenzel

Respectfully submitted
 TESTOLITE COMPANY

Randy Allison

AFFIRMATIVE STATEMENT

Applicant hereby affirms that he has examined the available geologic and engineering data and finds no evidence of open faults or other hydrologic connections between the disposal zone and any underground source of drinking water.

Attachment C-108 XII

STOGNER
Division
MARBOS 6-A
2841

PHONE OFF. 622-0440

PHONE RES. 622-7764

Jack Ahlen

CONSULTING GEOLOGIST
533 PETROLEUM BUILDING
ROSWELL, NEW MEXICO 88201

January 20, 1986

Marbob Energy Corporation
Post Office Box 304
Artesia, New Mexico 88210

Re: Geological Report,
Water Injection Zone
ARCO #1 F.M. Robinson
Unit E, Sec. 27-T17S-R29E
Eddy Co., NM

Gentlemen:

The operator reports the following geological tops:

Glorieta 4002'

Abo 6119'

Wolfcamp 7323'

Cisco 9018'

Canyon 9593'

Strawn 10016'

Atoka 10284'

Morrow 10678'

U. Miss. 11004'

You propose to dispose of produced water in the interval 9270'-9290' in the Cisco formation.

The Cisco formation in this part of Eddy County consists of limestone, dolomite and shale. The limestone and dolomite are usually porous as a result of reef building processes at the time of deposition. The most porous zones have been altered

BEFORE EXAMINER STOGNER

Oil Conservation Division

MARBOB Exhibit No. 7Case No. 8841

Attachment Form C-108 VIII

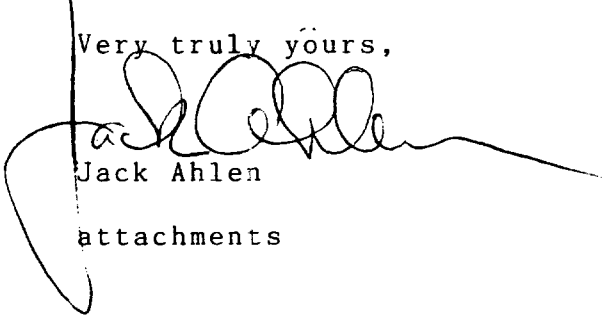
from the original limestone to dolomite through secondary lithification processes. The proposed zone for disposal is such an altered zone. Available samples from the referenced well consist primarily of dolomite in the interval from 9220' to 9490'. No samples are available from 9260' to 9430' due to lost circulation. The Compensated Neutron Formation Density log confirms the presence of dolomite through the zone of disposal.

ARCO tested the interval 9184' to 9197' and swabbed 431 bbls of water in 3 days. This interval is the top of the Cisco porous dolomite which is the proposed disposal interval. Since no wells produce hydrocarbons from this zone within the statutory area of interest the proposed disposal system would be in the interest of conservation and would not violate correlative rights of offset operators.

The zone of interest should have adequate storage capacity since the electric logs suggest that the porous dolomite zone is 294 feet thick, from 9170' to 9464'. Porosity averages 4 to 6% with the injection zone appearing to have at least 9 feet of highly fractured porosity, some exceeding 20%. Regionally this reef can be seen in several wells and extends in a northeast-southwesterly direction in Eddy County.

I see no geological problem limiting the use of this well as part of your disposal system.

Very truly yours,



Jack Ahlen

attachments

Atlantic Richfield #1 Robinson Gas Log

ATLANTIC RICHFIELD CO.
#1 Robinson Gas Com.

Location
1850 FNL & 660 FFL FWL

SEC 27, 17S-29E

Commenced 2-13-77	Completed 5-18-77	Elevation
Initial Production IPCAOF 7,198,000 CF/GPD	Producing Formation	Producing Interval
TD 11,063'	Spis start at 4,000'	Sample Quality
Glorieta Sandstone		
Casing Record 20" 190'/350 sx, 13 3/8" 750'/650 sx, 8 5/8" 3470'/975 sx 5 1/2" 11,062' /1020 sx.		
Logged by FRED DUMAS		
PERMIAN BASIN SAMPLE LABORATORY		
MIDLAND, TEXAS 401 N. COLORADO AREA CODE 816 MU 3-3383	DATE ISSUED	ROSWELL, NM 200 W. FIRST AREA CODE 808 322-0091
This log is issued to		
PERMIAN ASSOCIATION		
for its exclusive and confidential use only.		

NOTICE TO CUSTOMERS

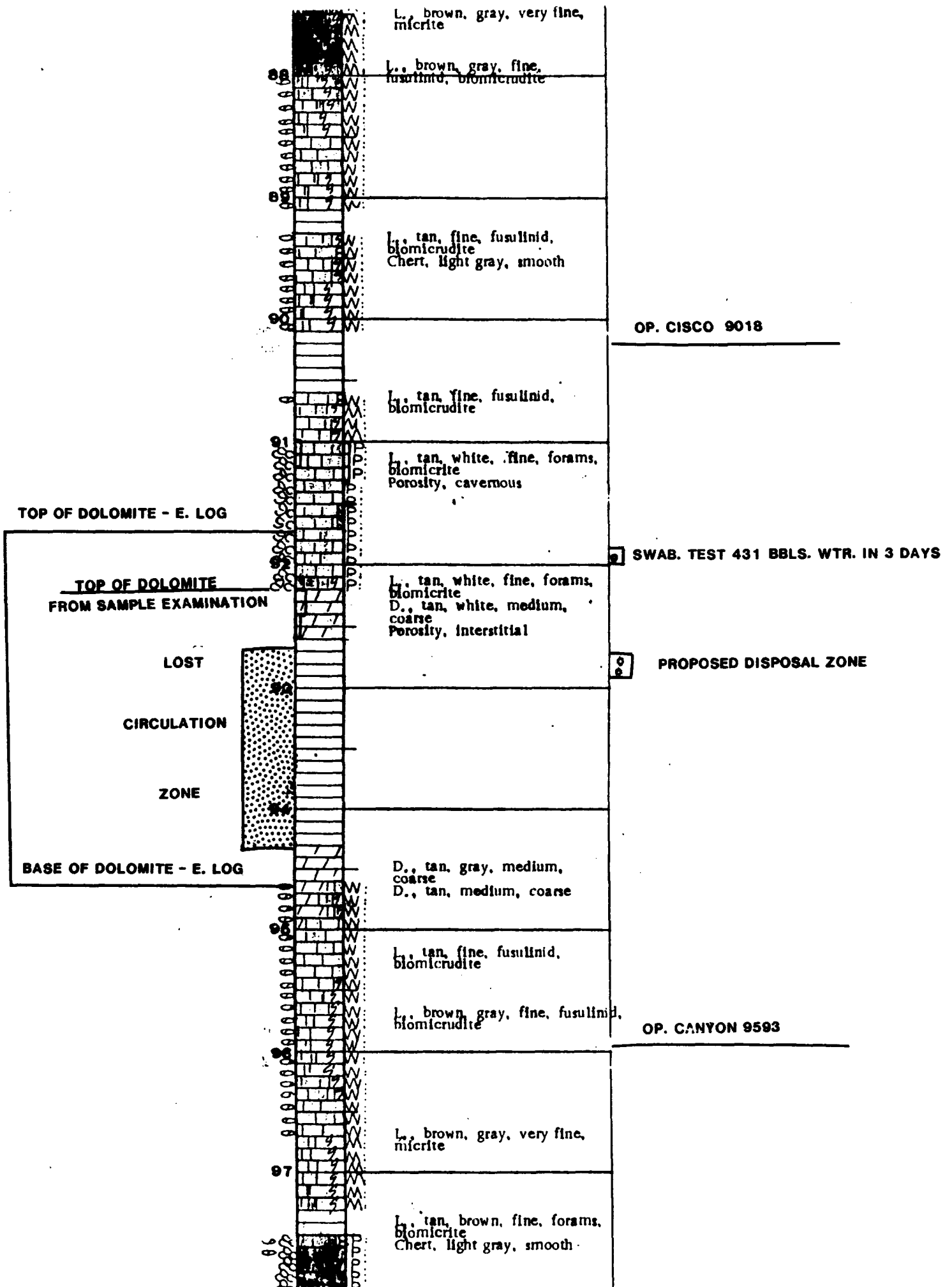
When available, drilling time, drill stem tests, core descriptions etc. are plotted on our graphic logs. This information is from sources believed to be reliable, but we cannot guarantee accuracy.

FORMATIONS	TOPS		DATUM	
	Sample	Elec Log	Sample	Elec Log
ABO	6,100			
HUECO	7,370			
STRAWN L.	10,010			
ATOKA Ss.	10,320			
WORMY	10,880			
BARNETT	11,020			

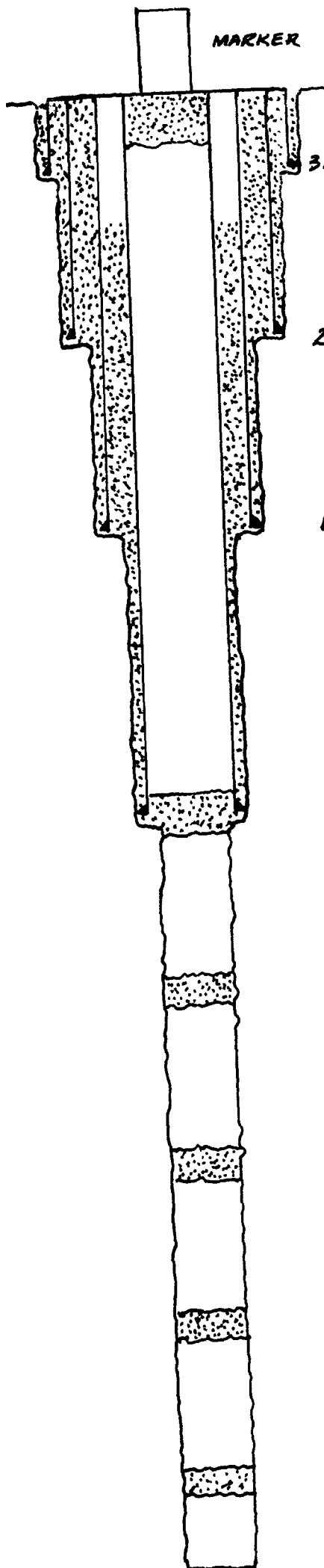
DRILL STEM TESTS & CORES

NO DSTS REPORTED

27-17S-29E



ATCANTIC RICHFIELD COMPANY
F.M. ROBINSON FED COM 1
1825' FSL & 2220' FWL
SEC. 27 TWP 17S RGE 29E
P&A 12-11-77



30" CONDUCTOR @ 30' 3YDS; CMT CIRC

20" CONDUCTOR @ 203' 250 SX; CMT CIRC.

13³/₈" SURFACE @ 825' 770 SX; CMT CIRC.

9⁵/₈" INTERMEDIATE @ 3535' 1178 SX;
100' PLUG 3490-3590'

150' PLUG 5250-5400'

150' PLUG 7135-7285'

200' PLUG 8920-9120'

200' PLUG 10590-10790

TD 11065'

BEFORE EXAMINER STOGNER

Oil Conservation Division

~~MARBOB~~ Exhibit No. 8

Case No. 8841

FOLD HERE

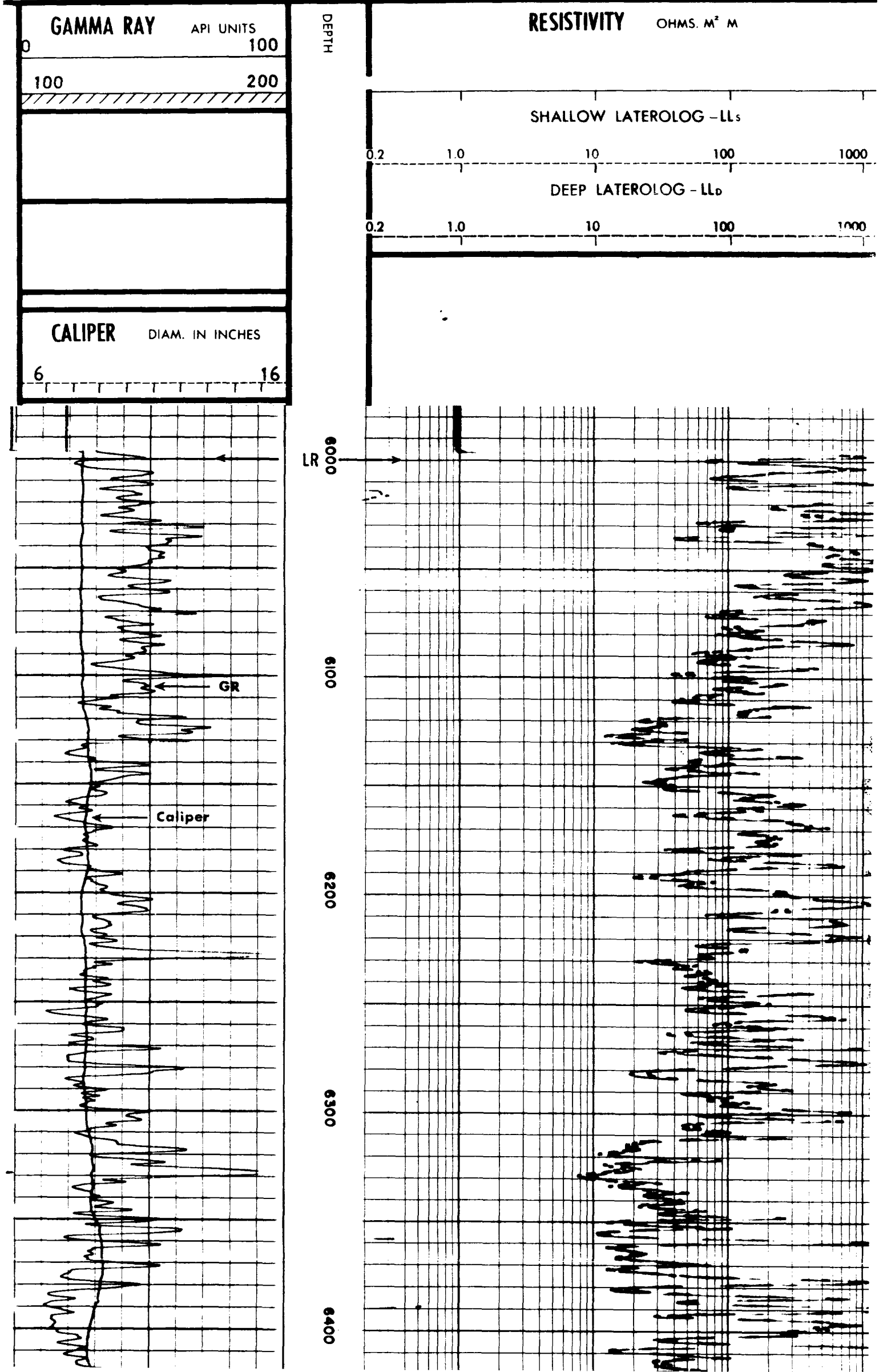
The well name, location and borehole reference data were furnished by the customer.

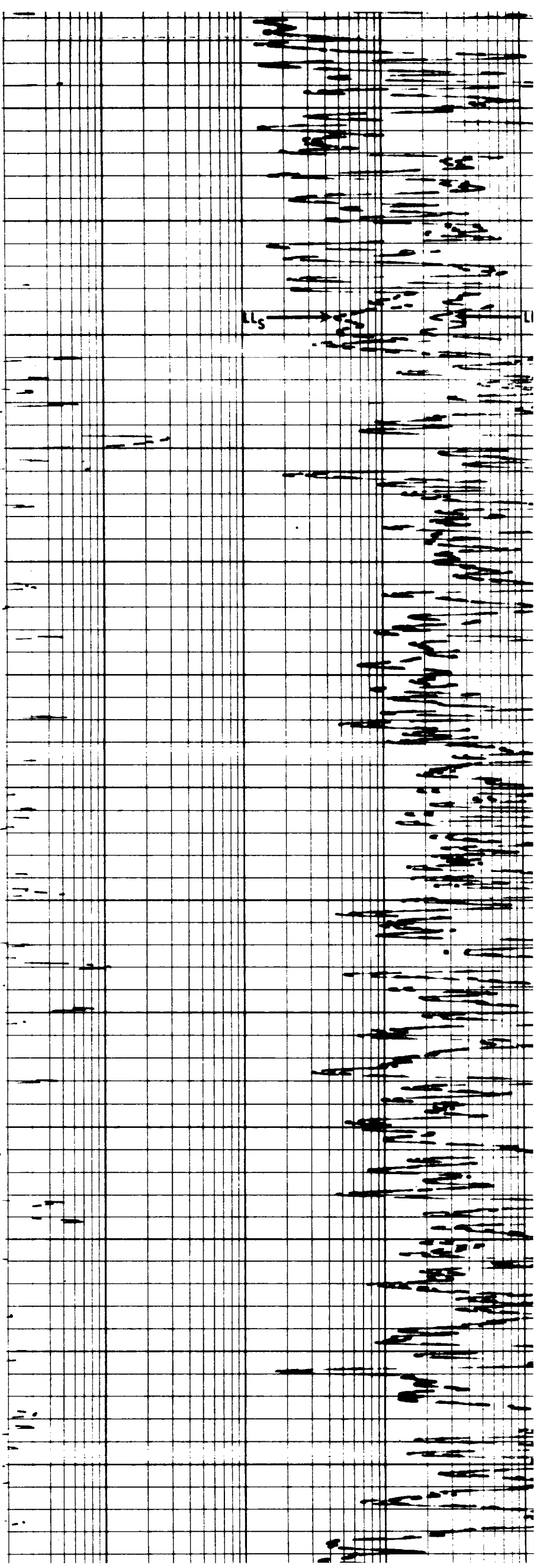
BEFORE EXAMINER STOGNER
Oil Conservation Division
WARBOS Exhibit No. 9
Case No. 8841

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 interpretations, 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 Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

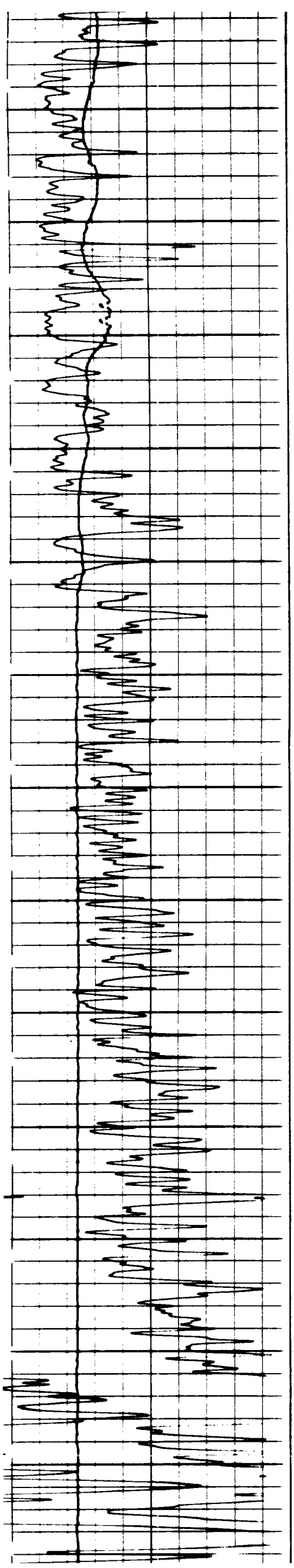
Thermometer #3	°F	°F	°F	°F
w FROM DRILL STEM TEST				
ST #1 - Rw @ 100 °F	ΩM	ΩM	ΩM	ΩM
ST #2 - Rw @ 100 °F	ΩM	ΩM	ΩM	ΩM

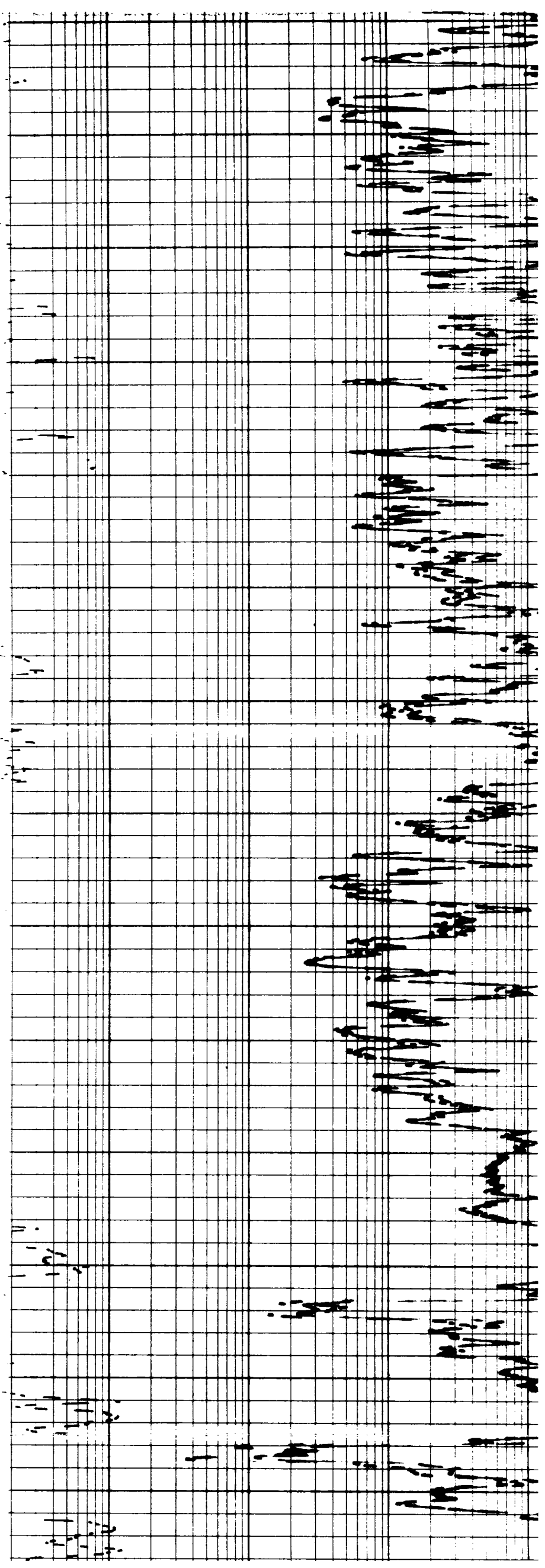
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any inpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our Genl Terms and Conditions as set out in our current Price Schedule.



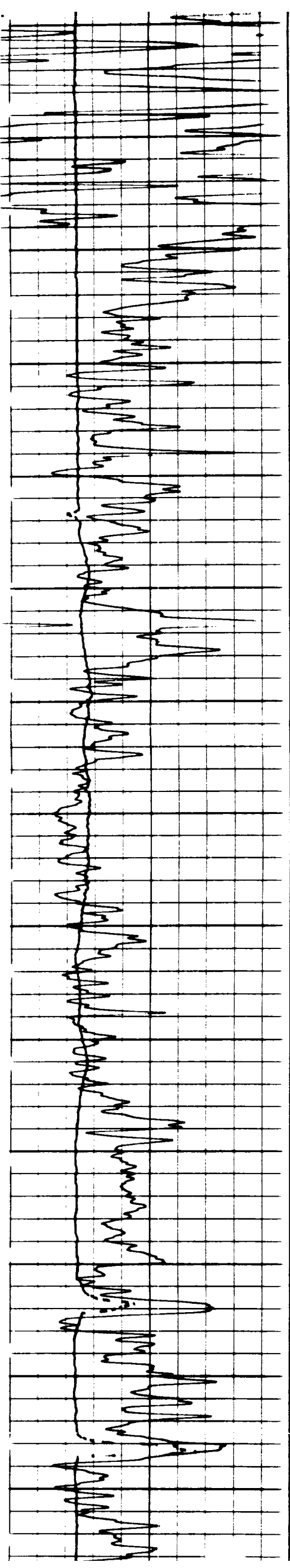


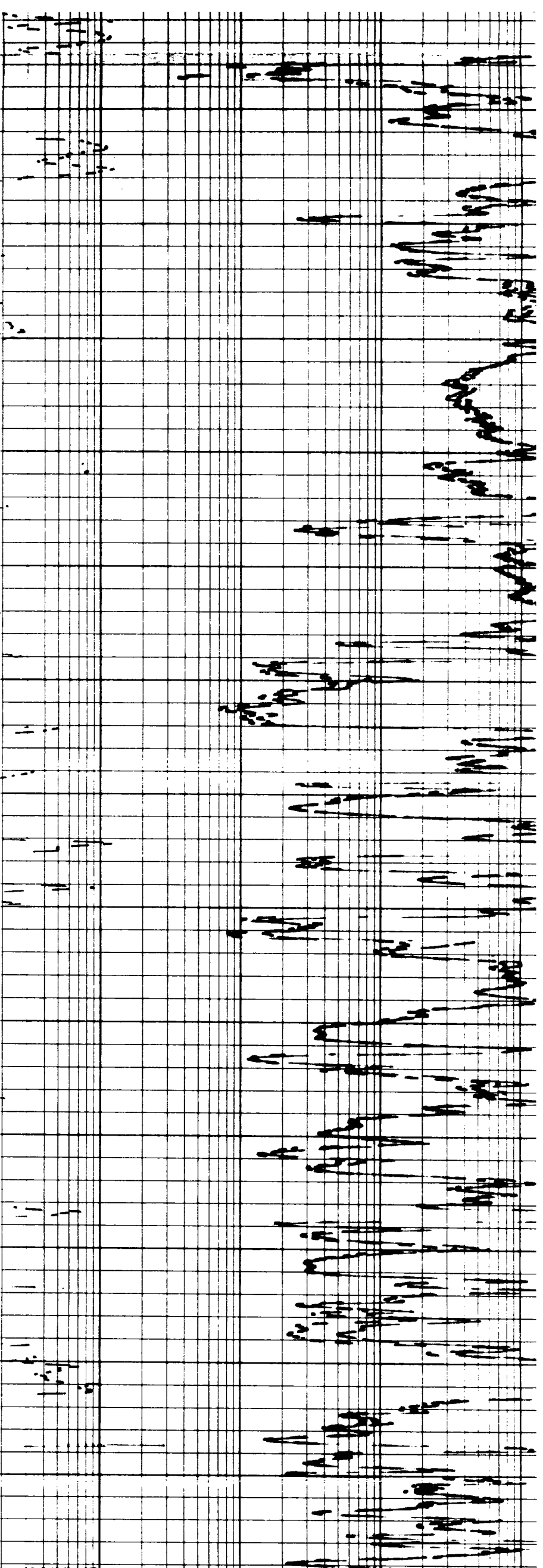
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800 7100 7200 7300 7400 7500 7600





7700

7800

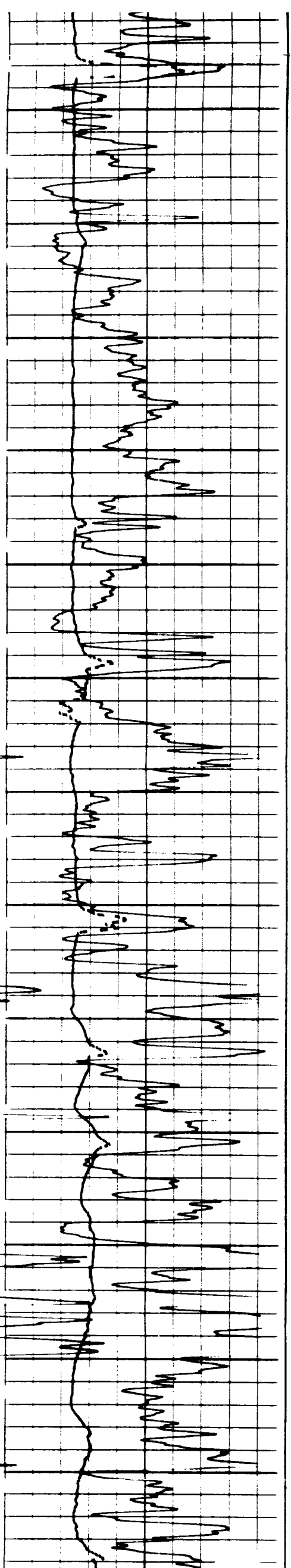
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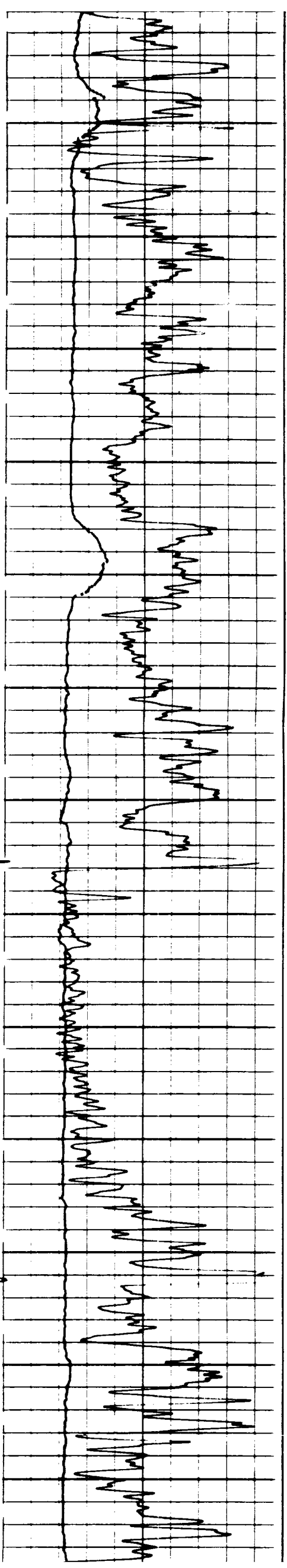
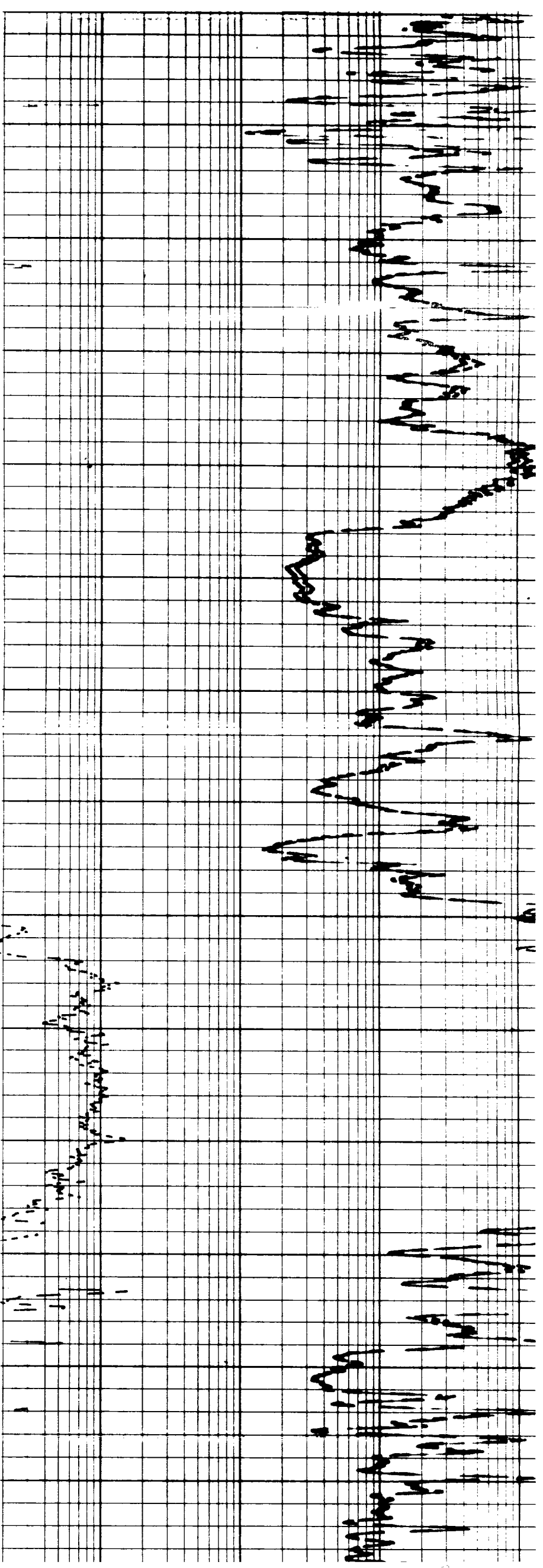
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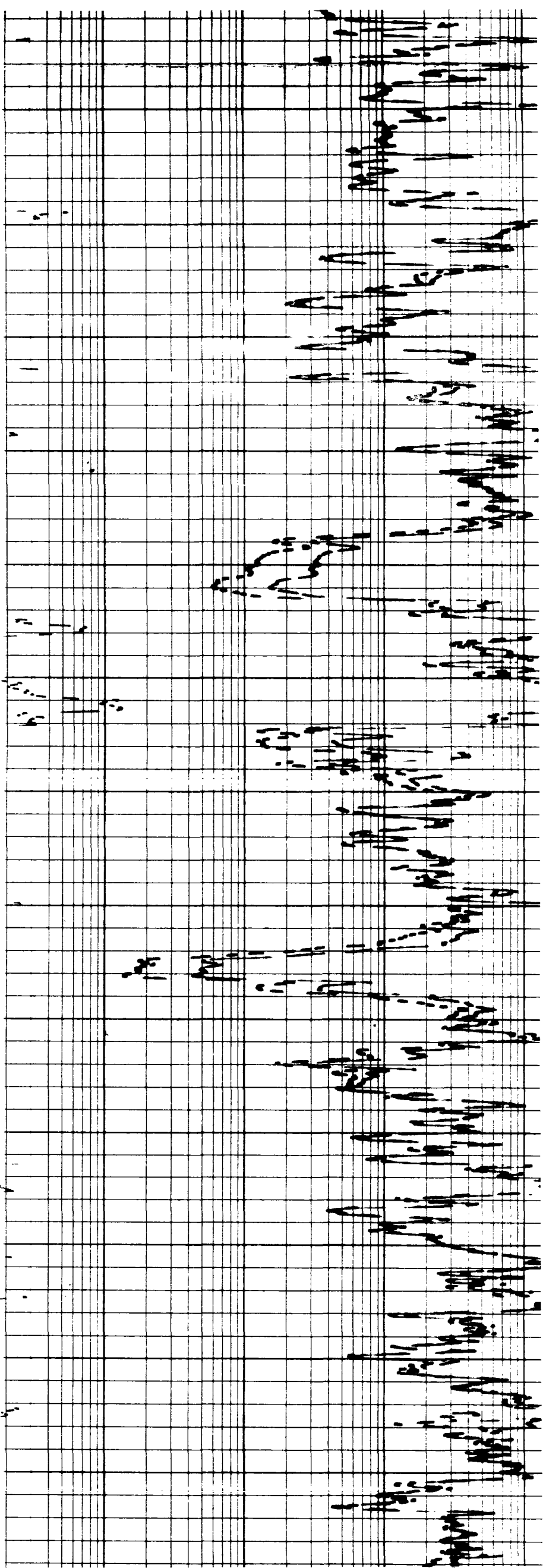
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8200

8







8900

9000

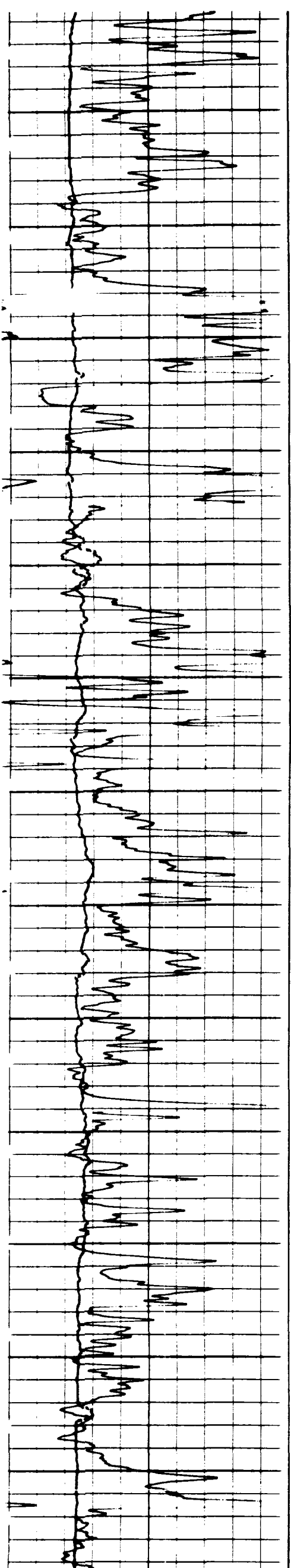
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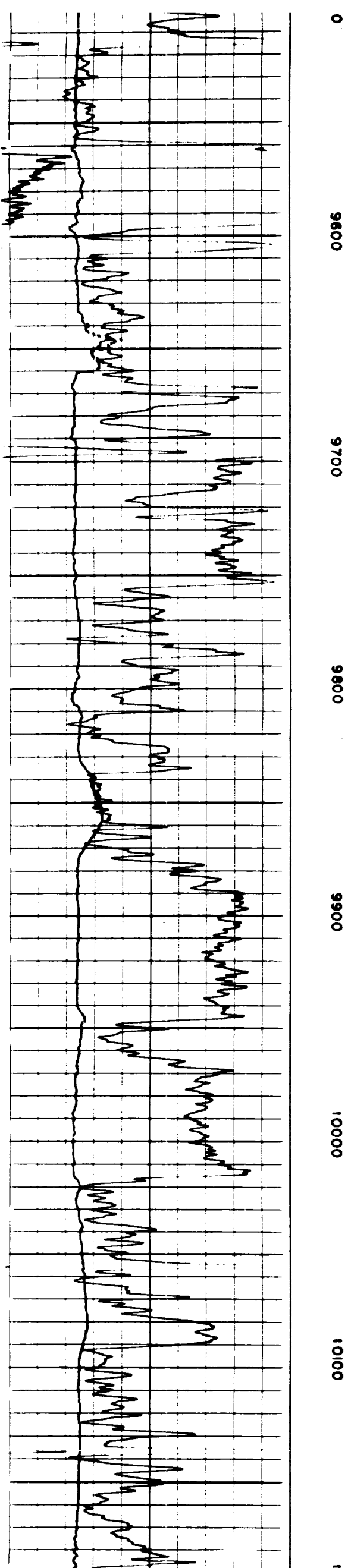
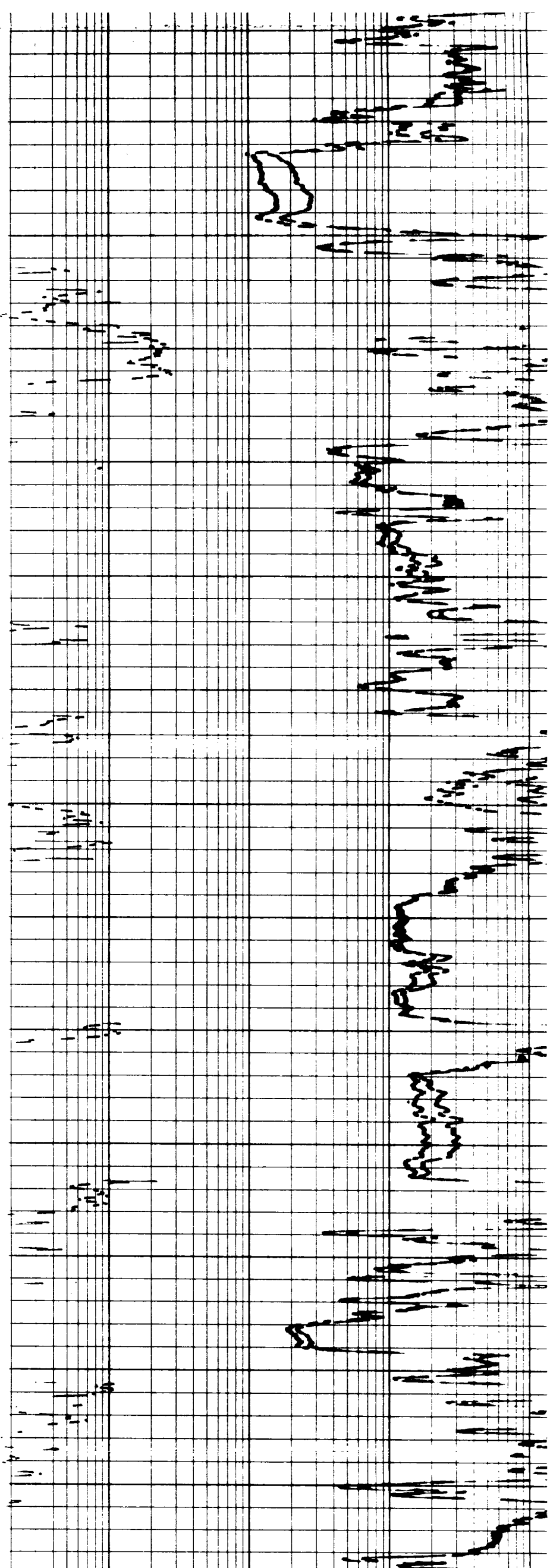
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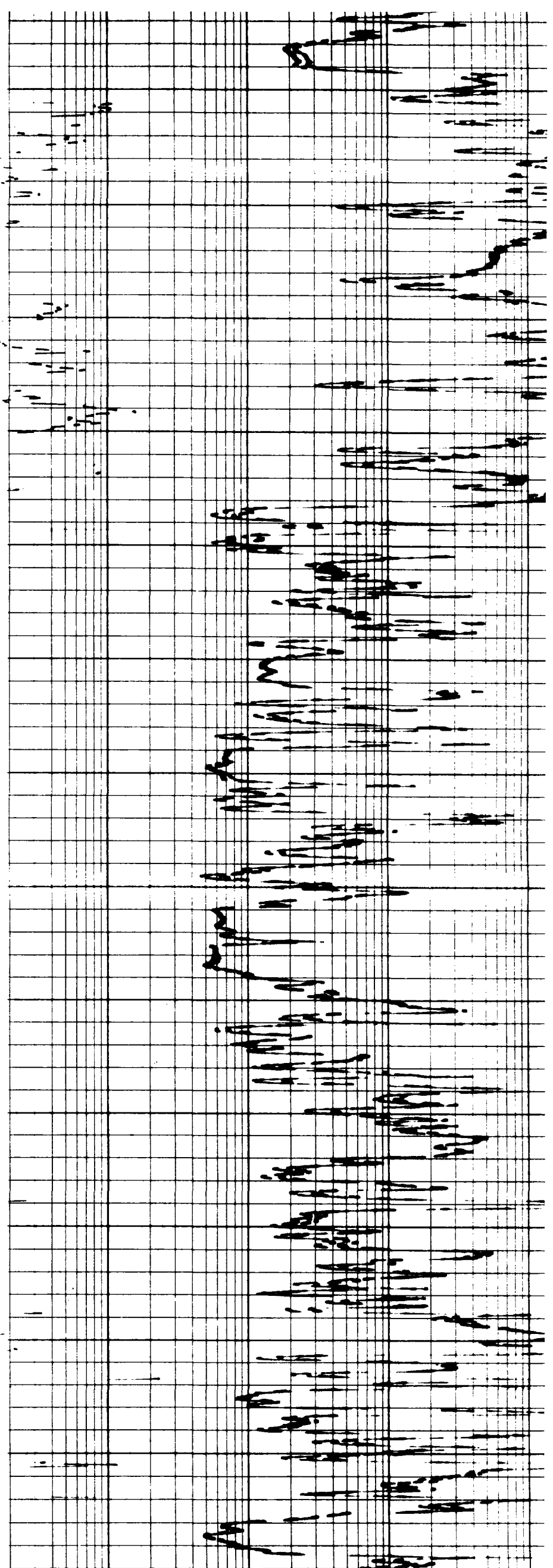
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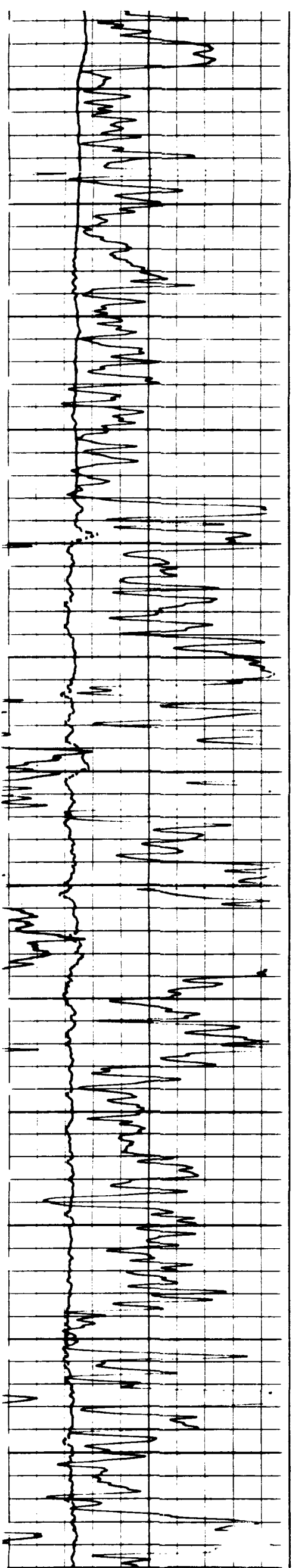
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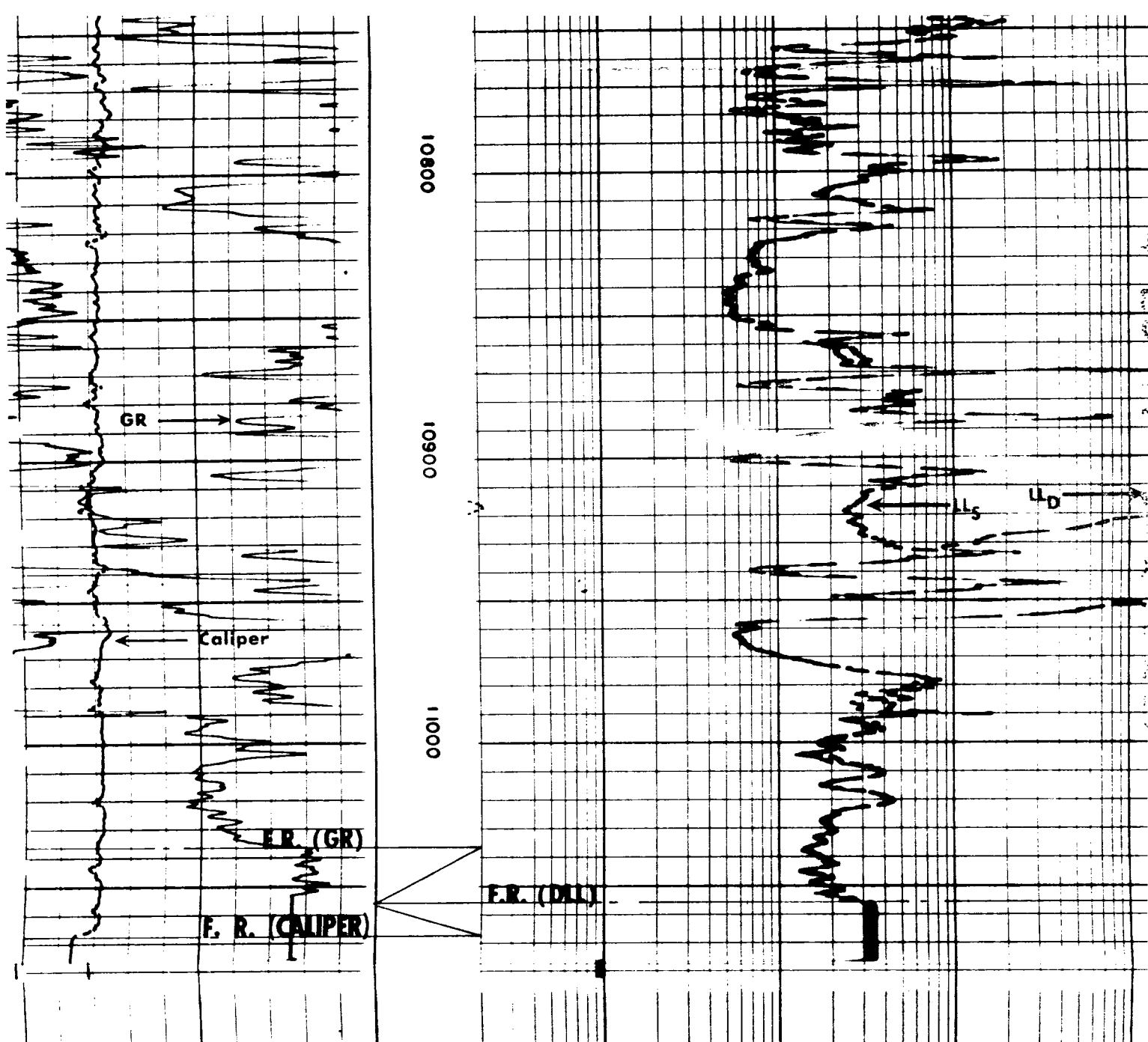
10400

10500

10600

10700





CALIPER		DIAM. IN INCHES	
6			16
GAMMA RAY		API UNITS	
0			100
100			200

DEPTH

RESISTIVITY		OHMS. M ² /M	
SHALLOW LATEROLOG - LL _s			
0.2	1.0	10	100
DEEP LATEROLOG - LL _D			
0.2	1.0	10	100

COMPANY	ATLANTIC RICHFIELD COMPANY	SCHL. FR	11068
WELL	ROBINSON GAS COM #1	SCHL. TD	11069
FIELD	GRAYBERY - MORROW	DRLR. TD	11060
COUNTY	EDDY	Elev: KB	3565
	STATE NEW MEXICO	DF	3563
		GL	3544

DETAIL LOG			
5" = 100'			
GAMMA RAY	AF	DEF	RESISTIVITY
			OHMS. M ² /M
			MICRO - SFI

$$5'' = 100'$$

API UNITS

0 100

100 200

DIA.M. IN INCHES

6 16

OHMS. M² M

MICRO - SFL

DEPTH

0.2 1.0 10 100 1000

SHALLOW LATEROLOG - LLs

0.2 1.0 10 100 1000

DEEP LATEROLOG - LL₀

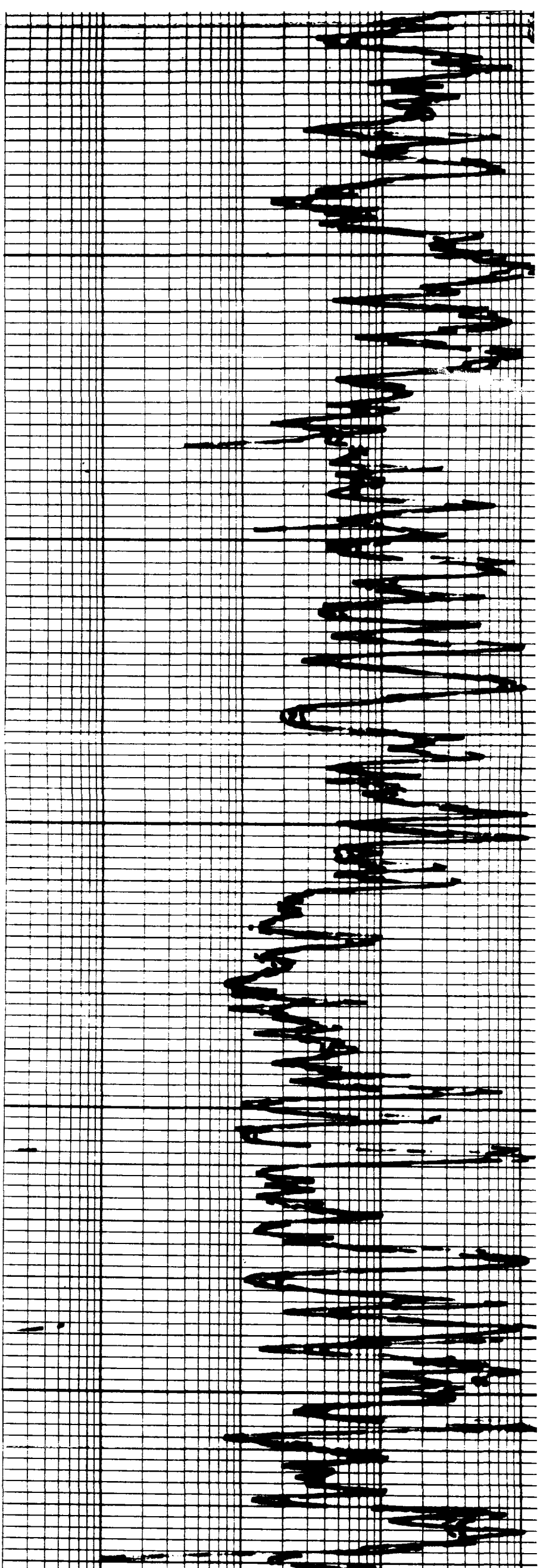
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LR

6100

GR

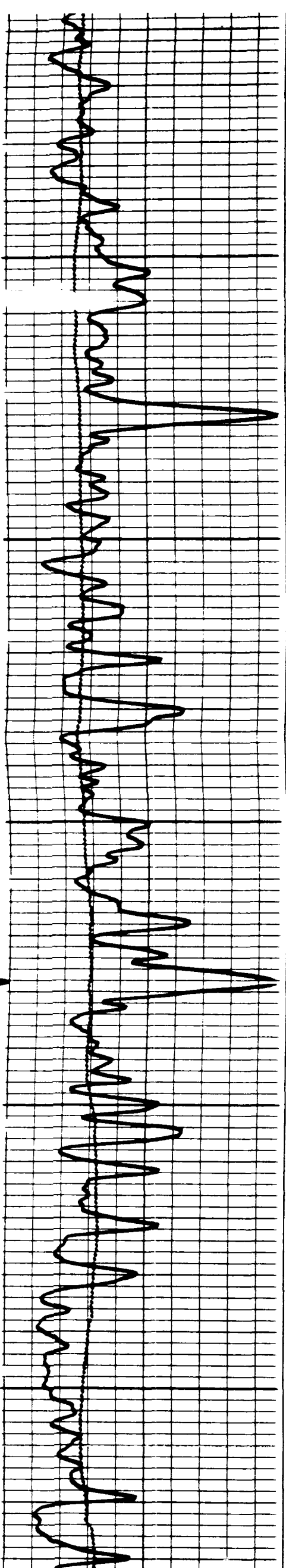
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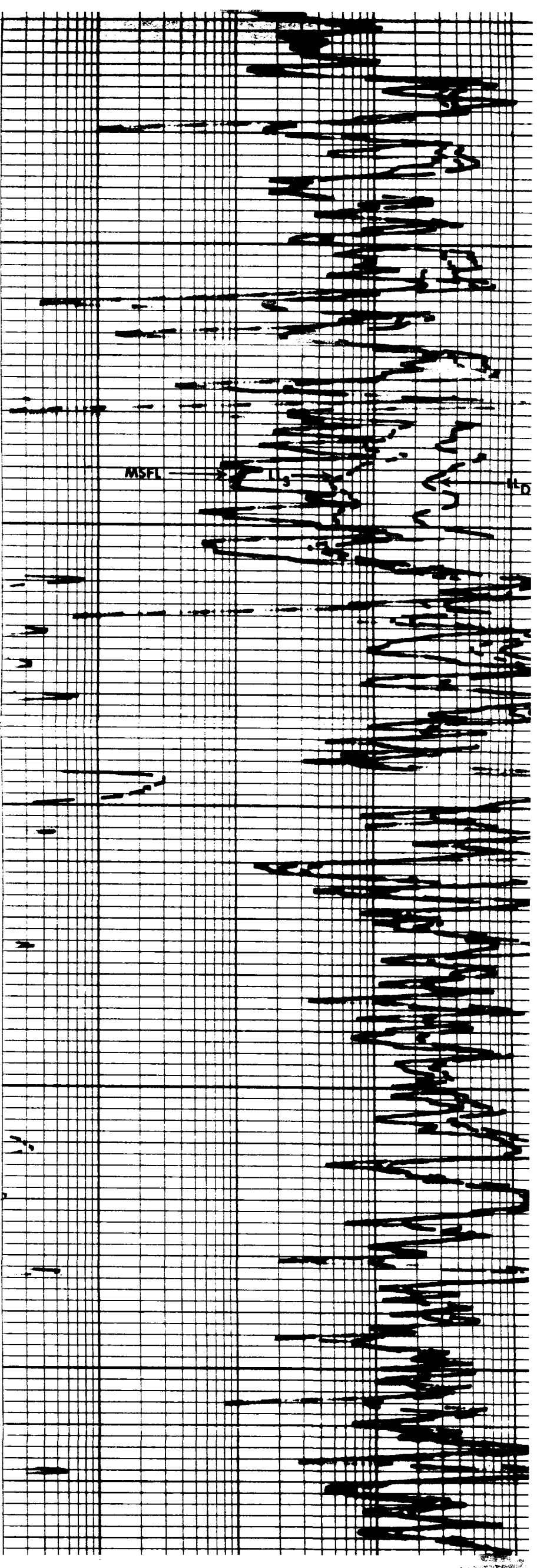


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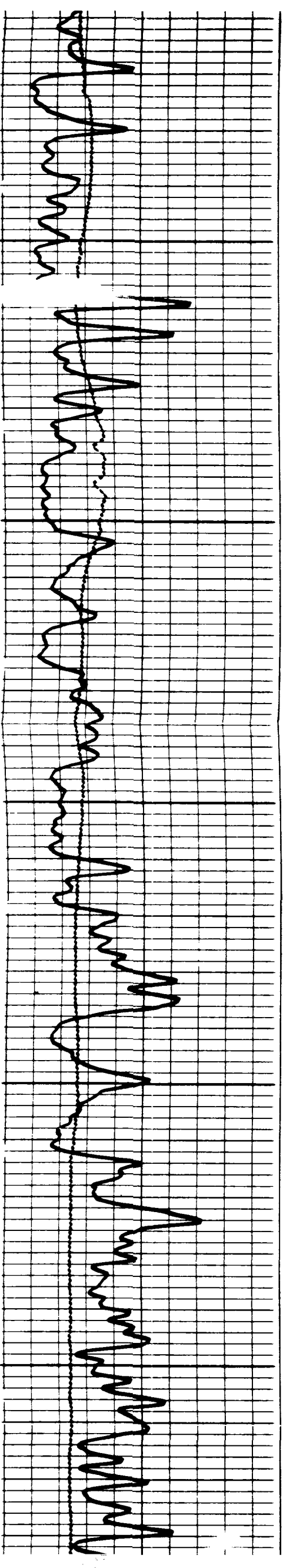
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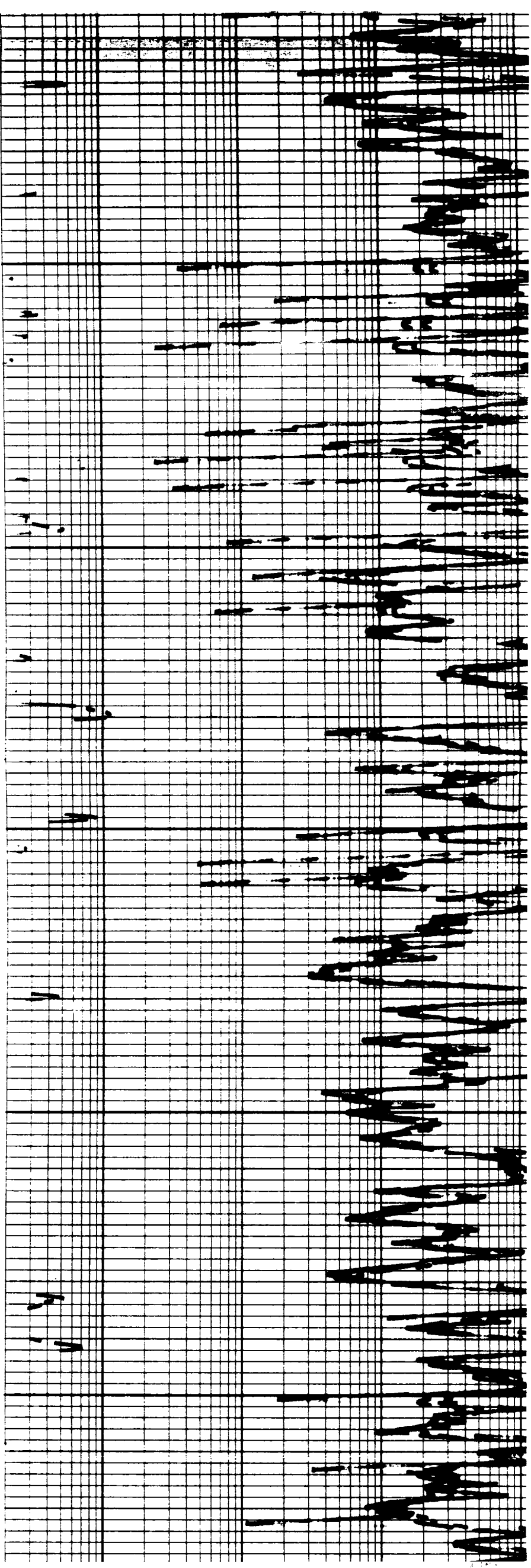




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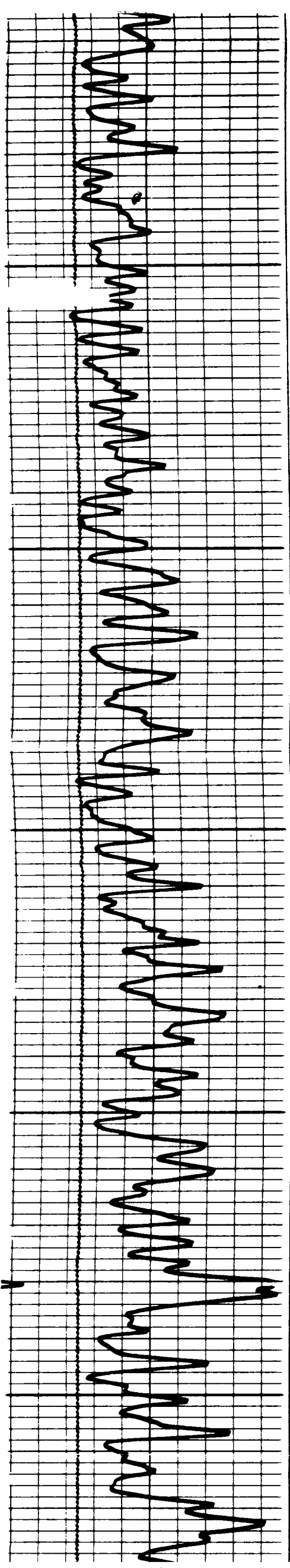


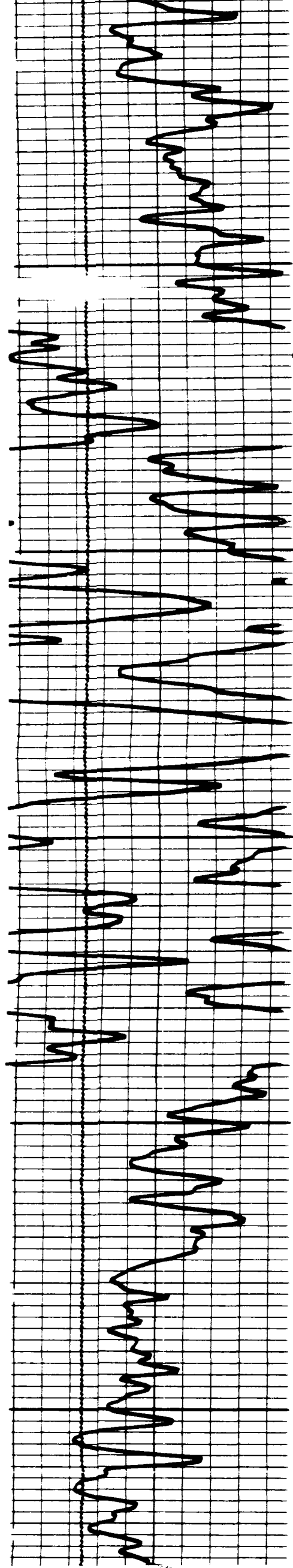


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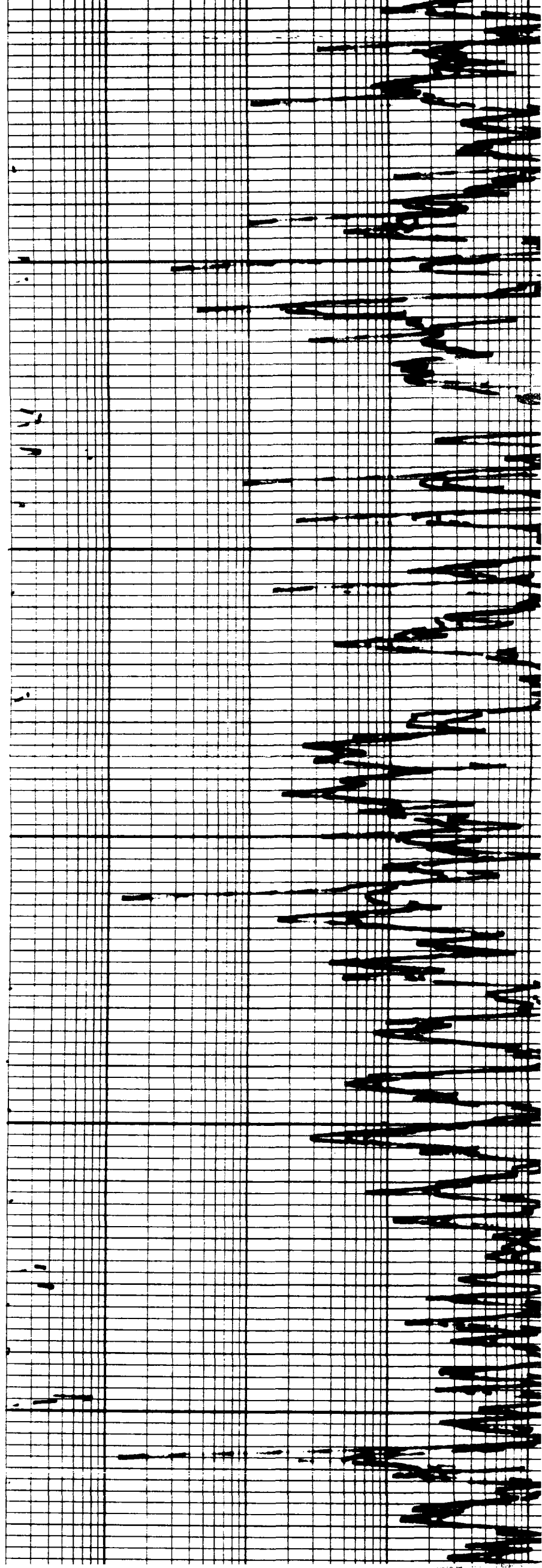
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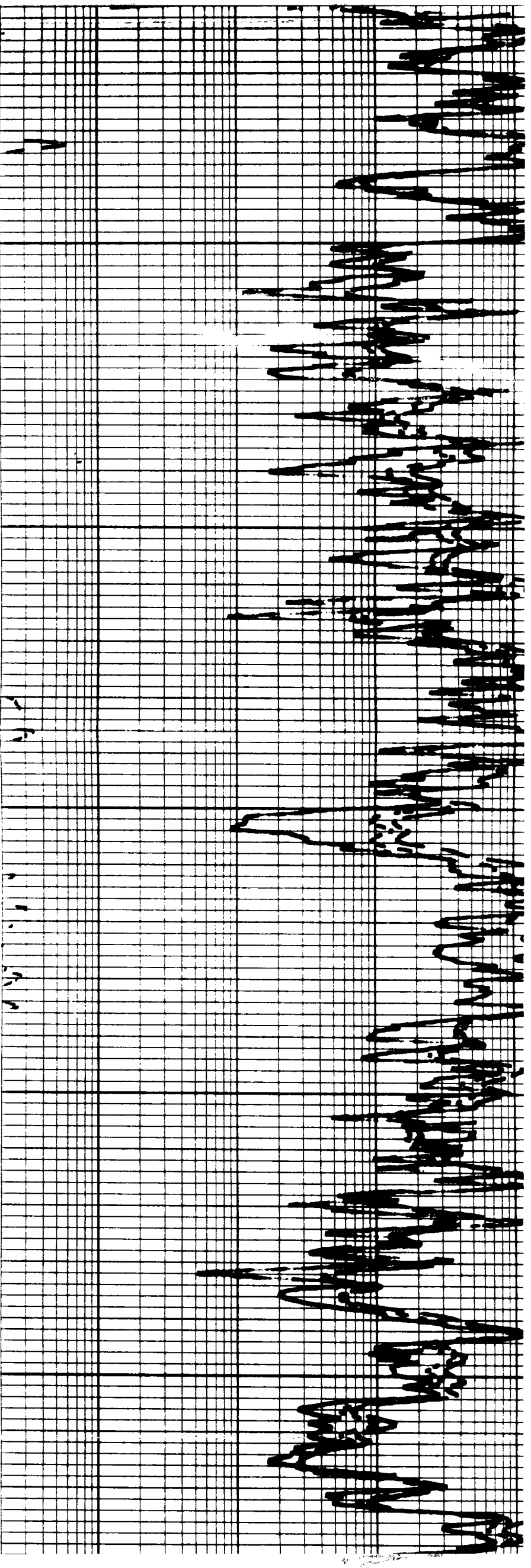




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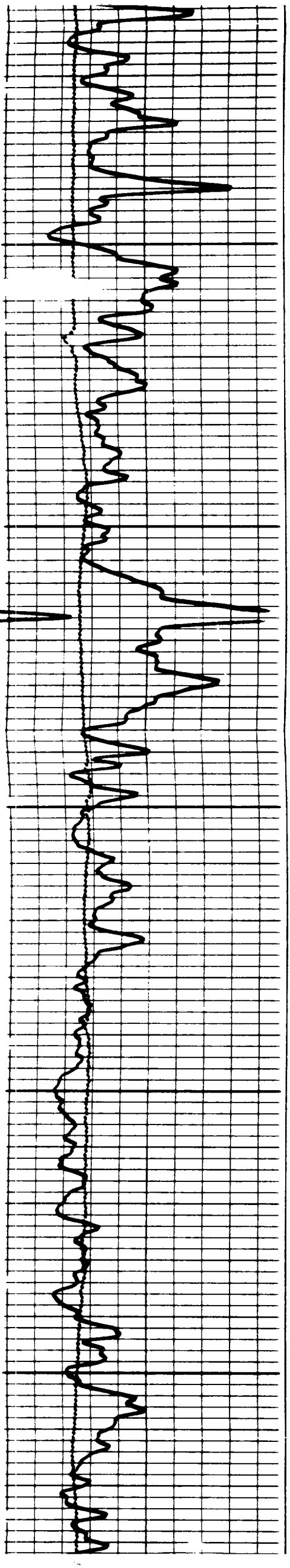


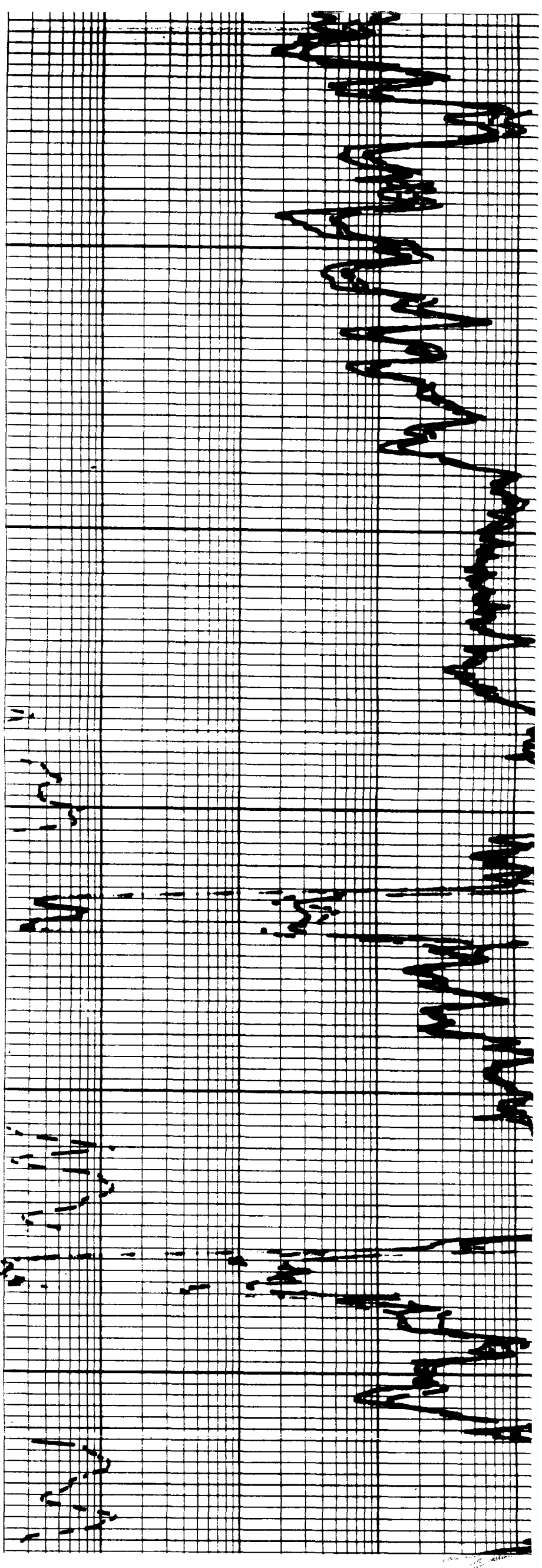


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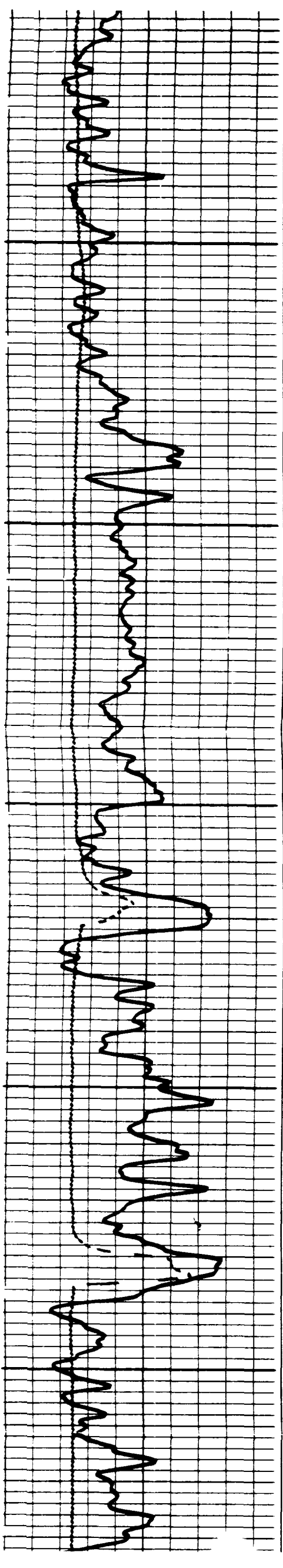
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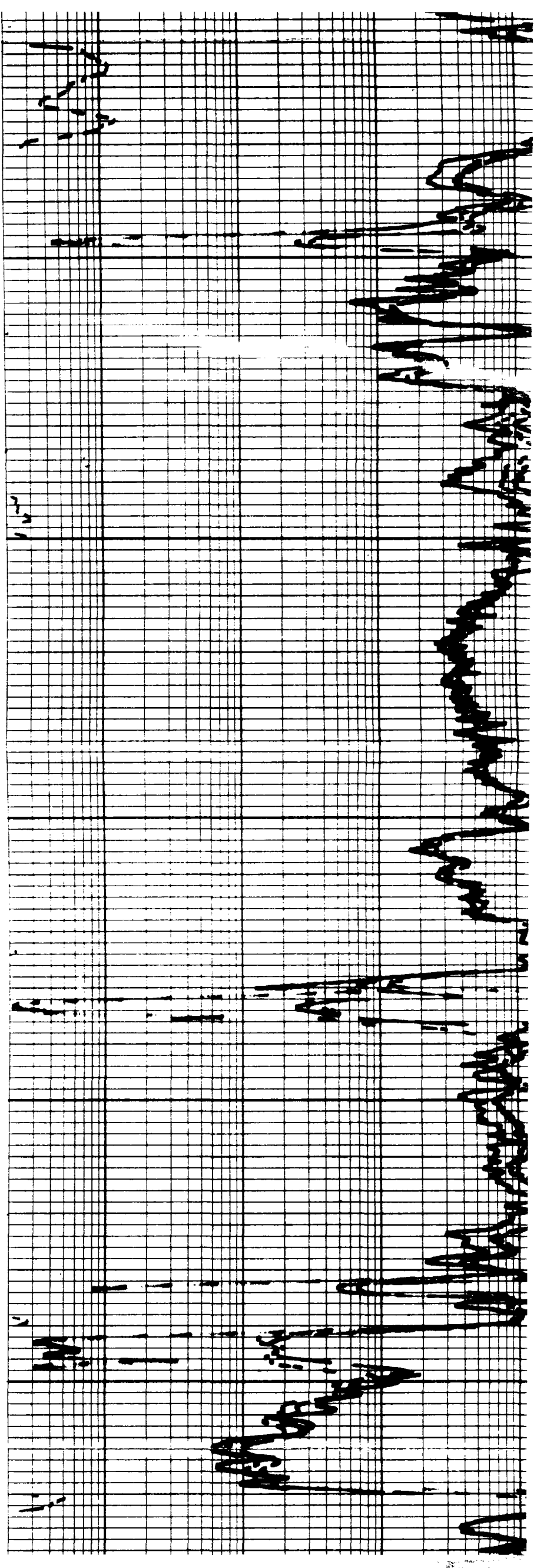




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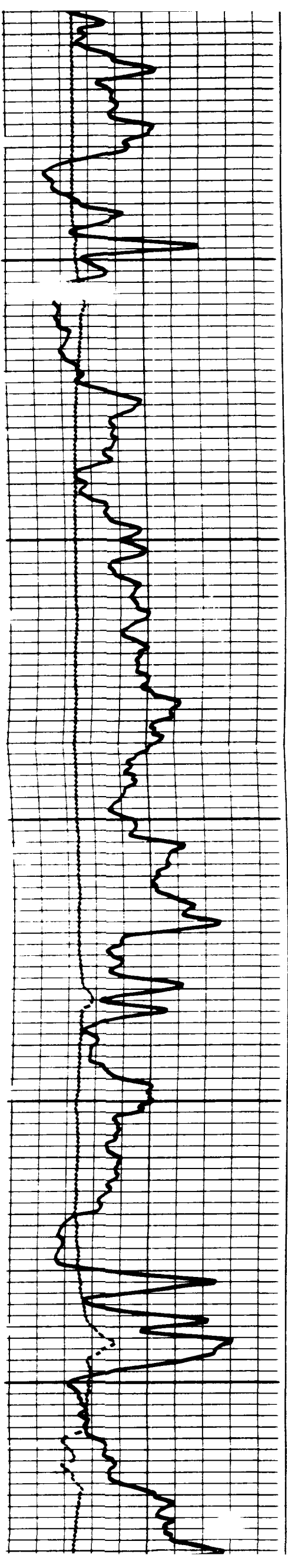


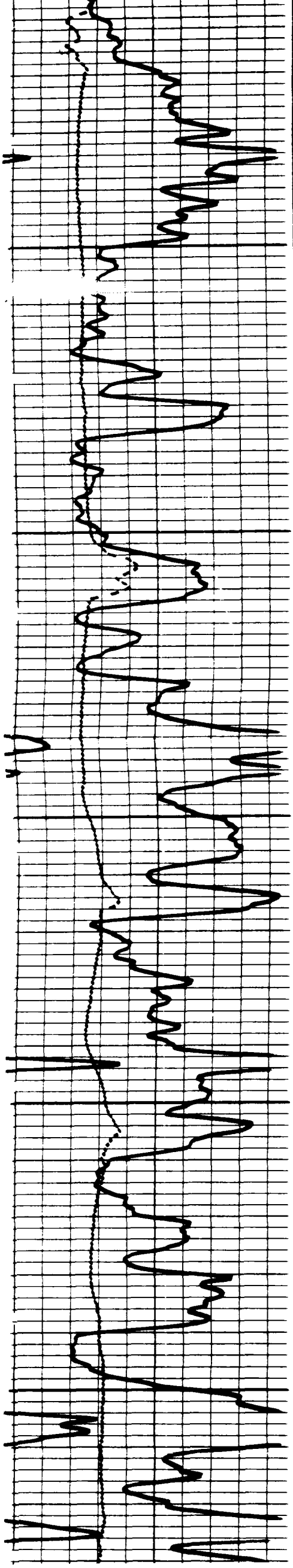


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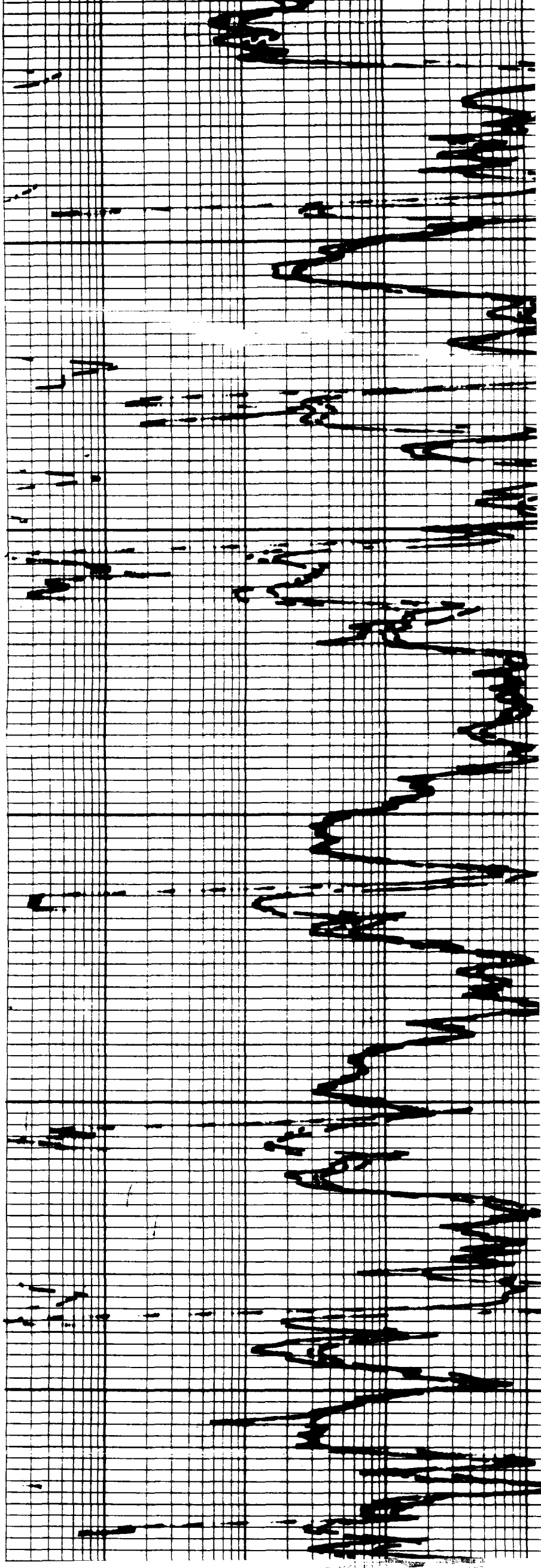
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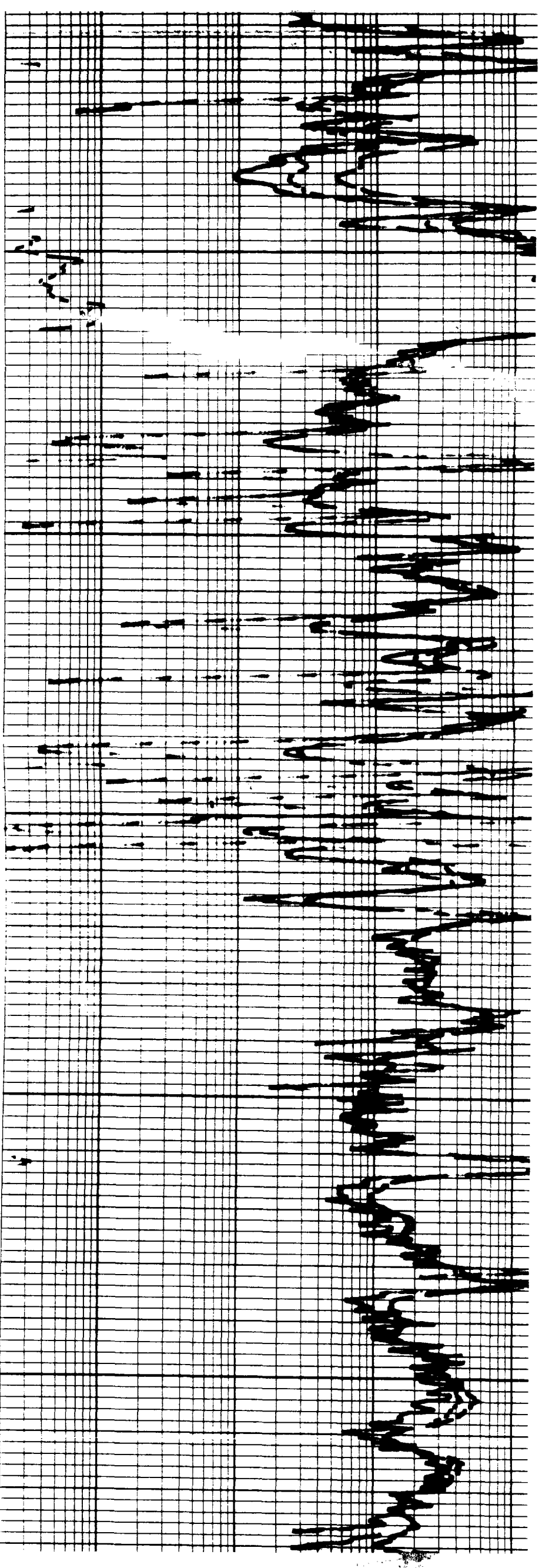




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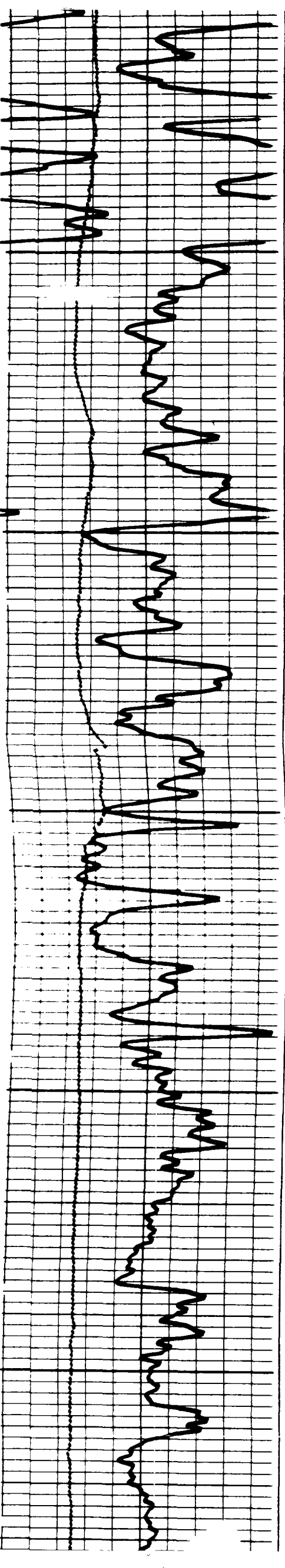


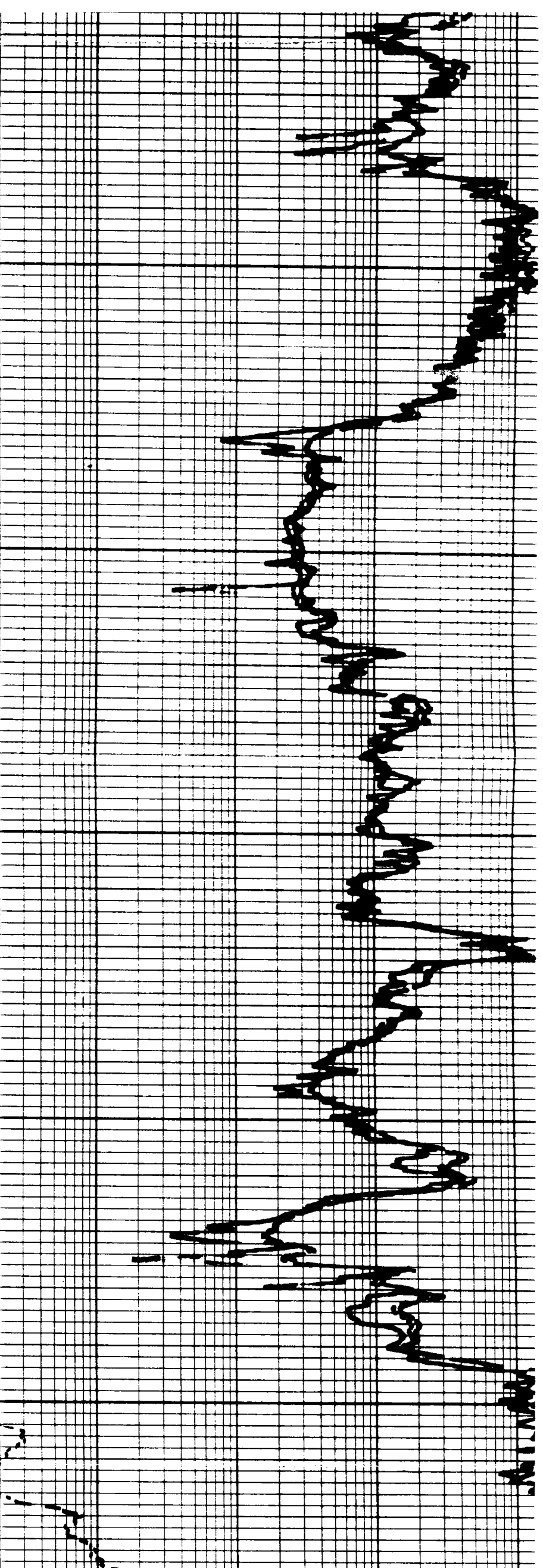


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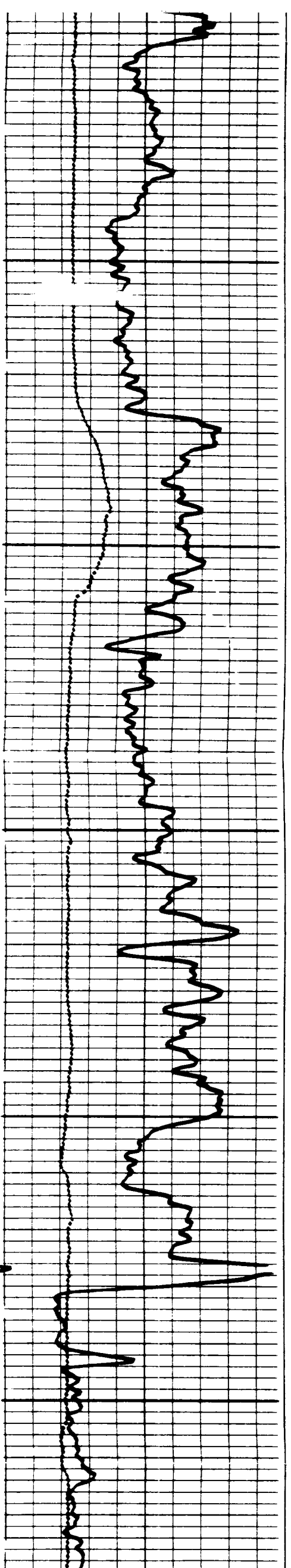
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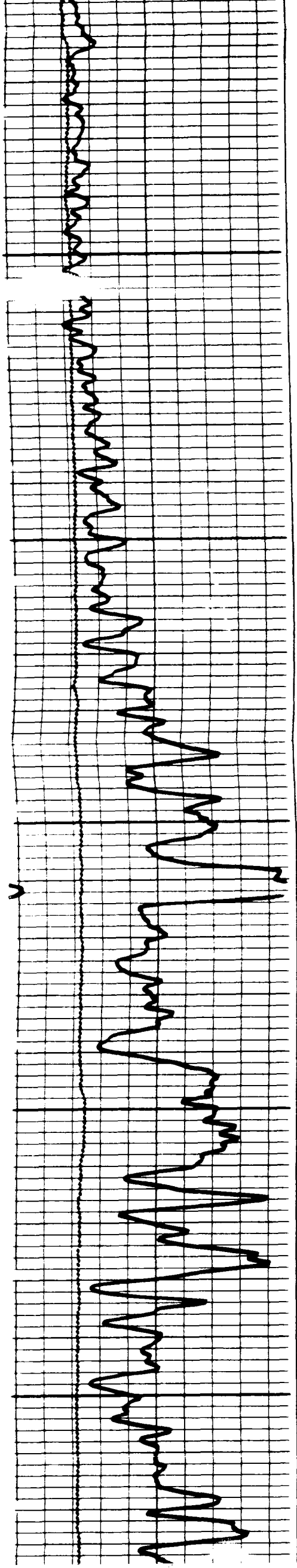




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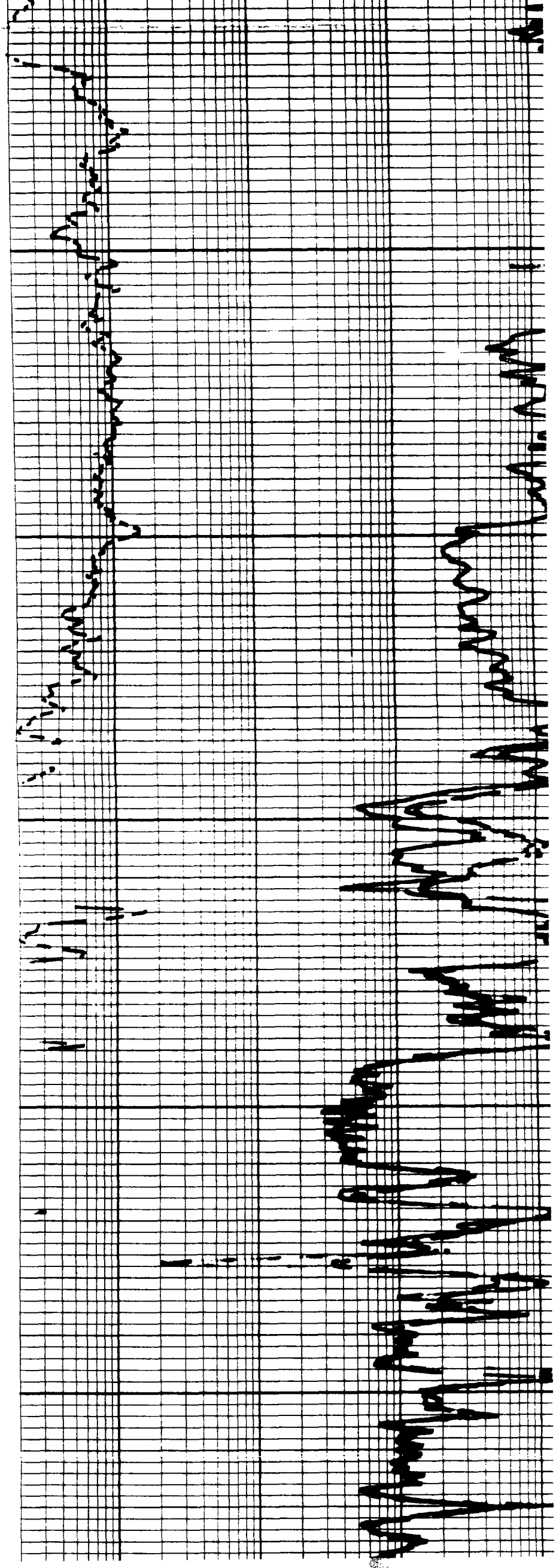


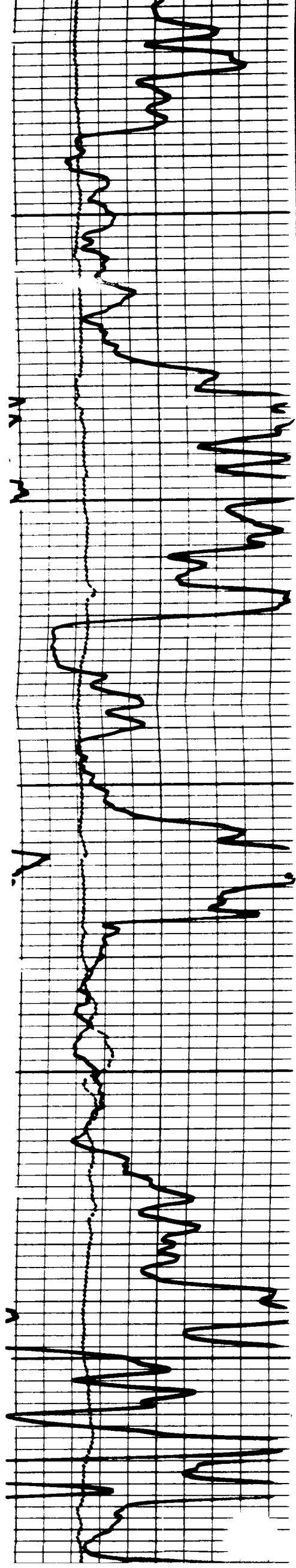


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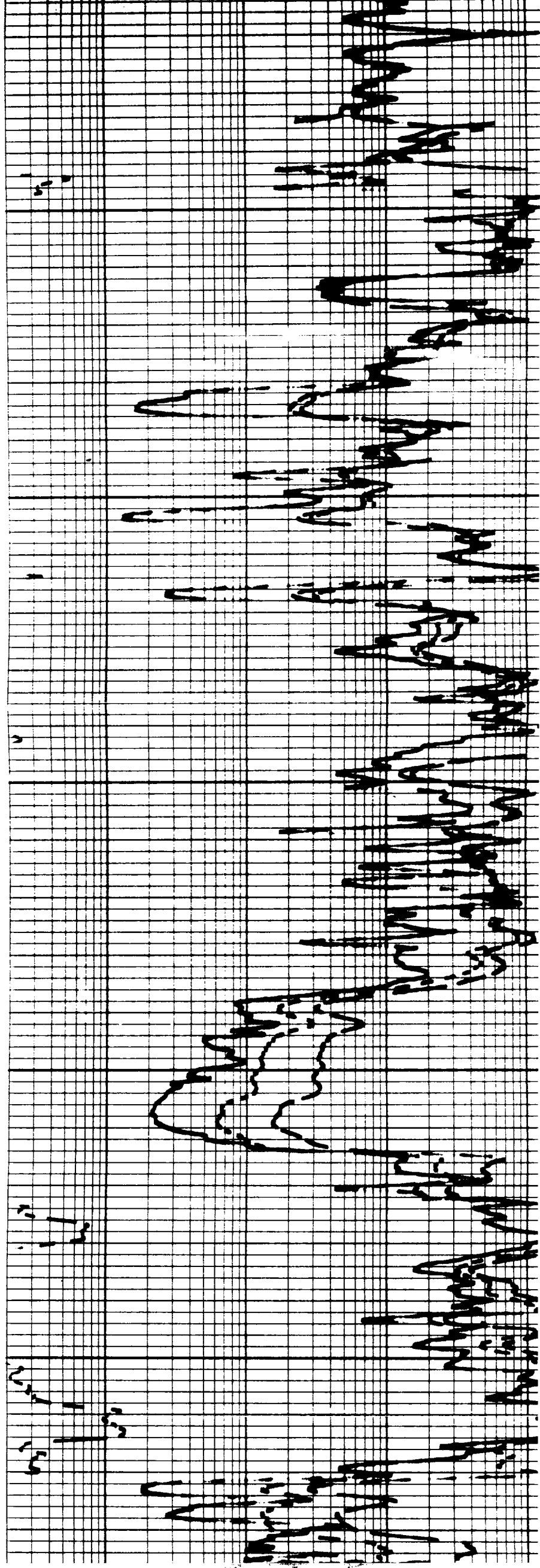
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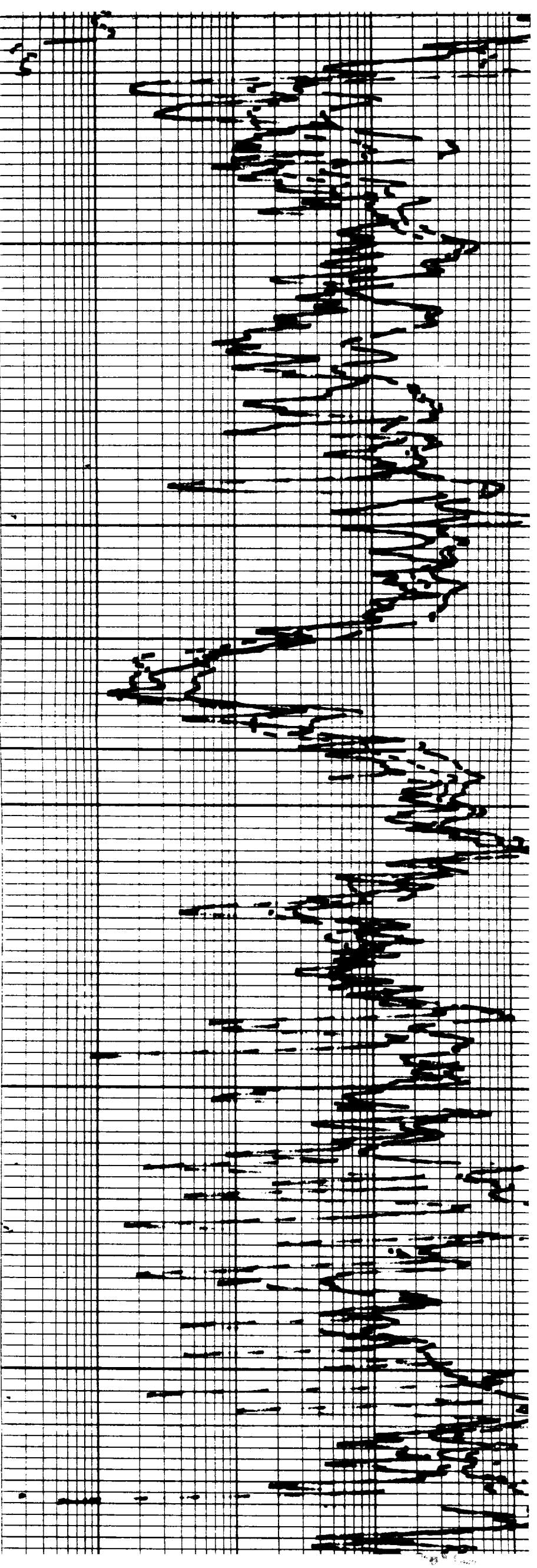




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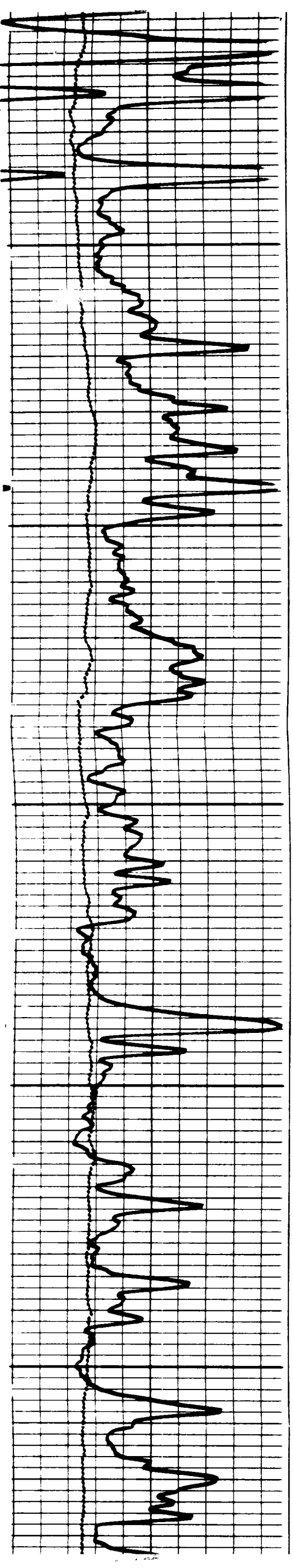


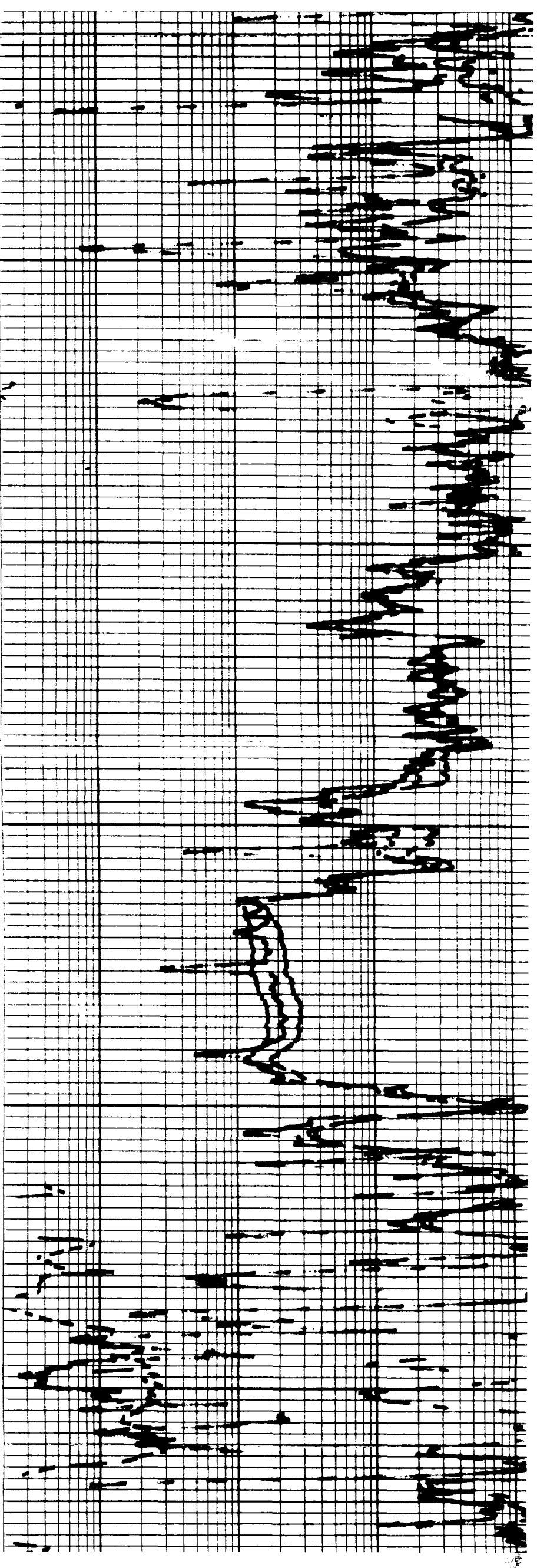


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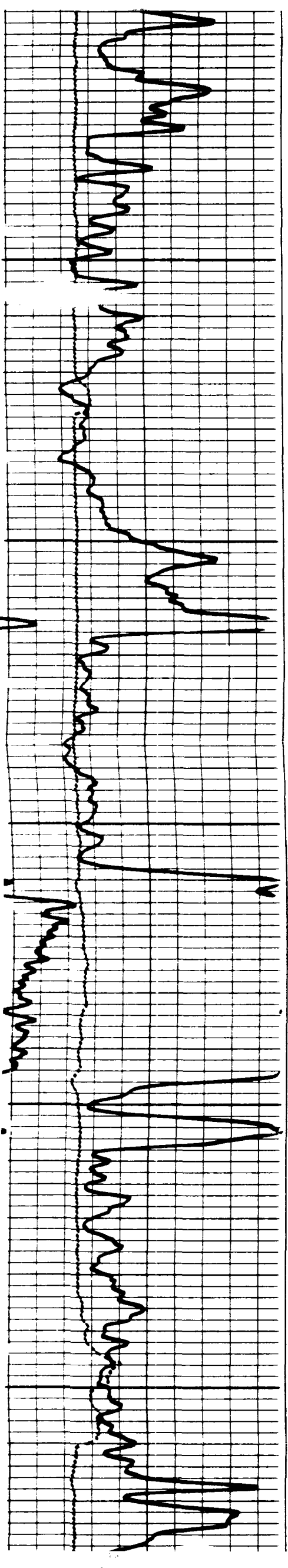
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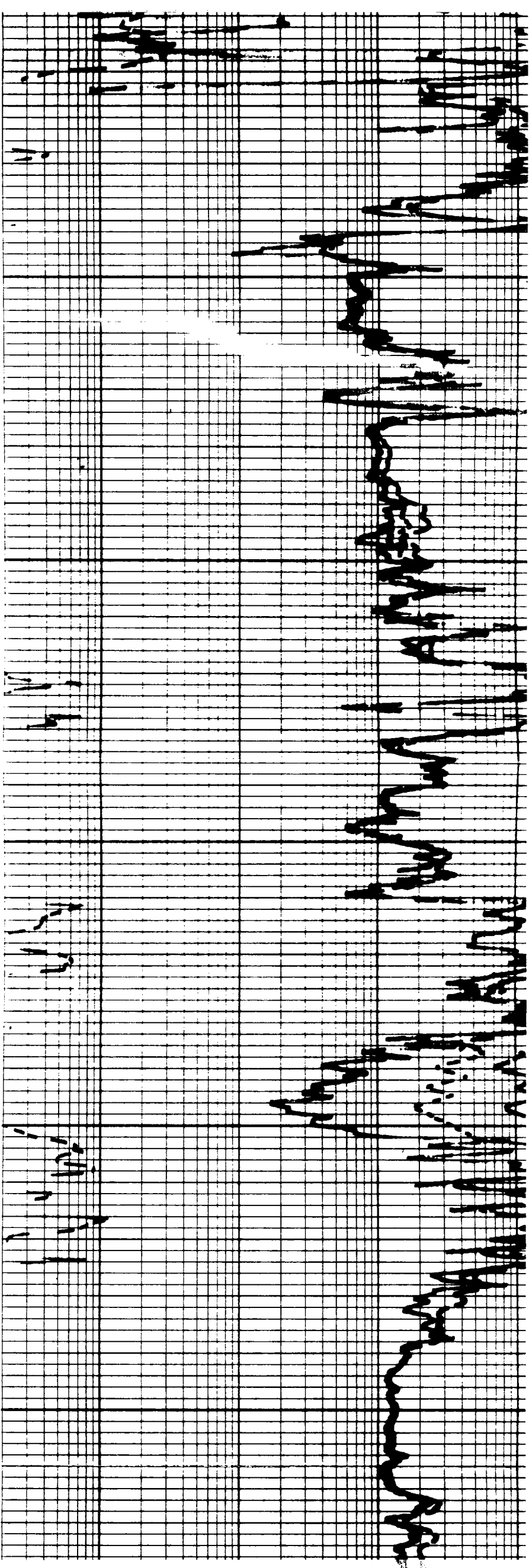




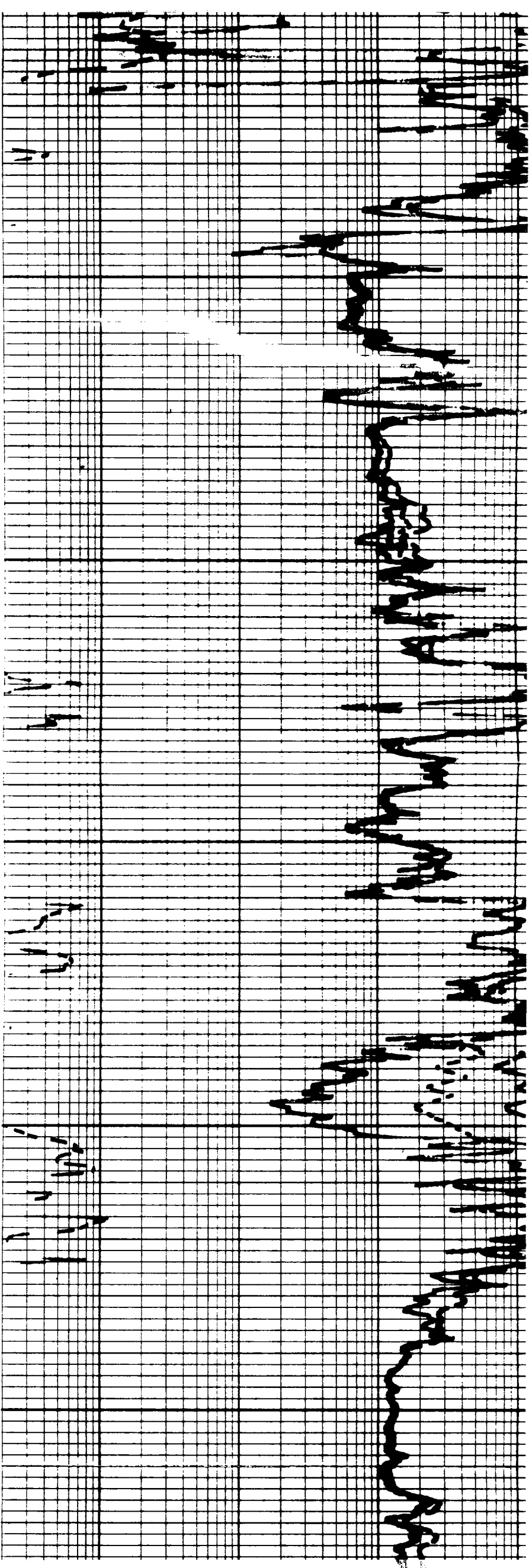
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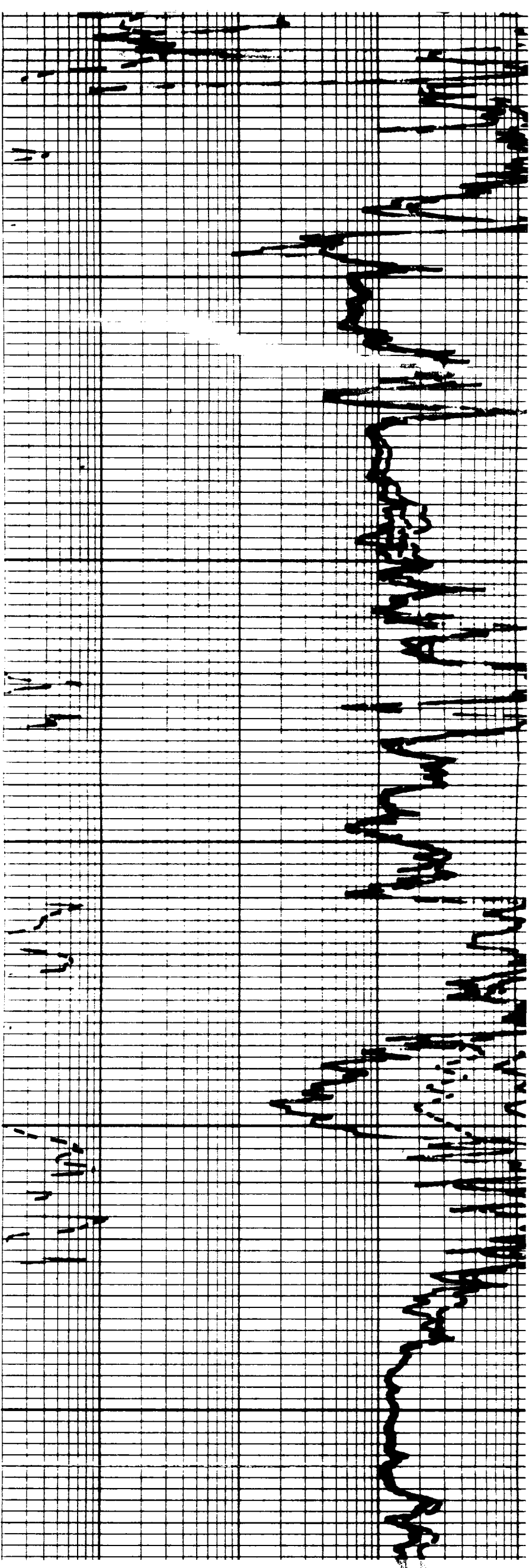




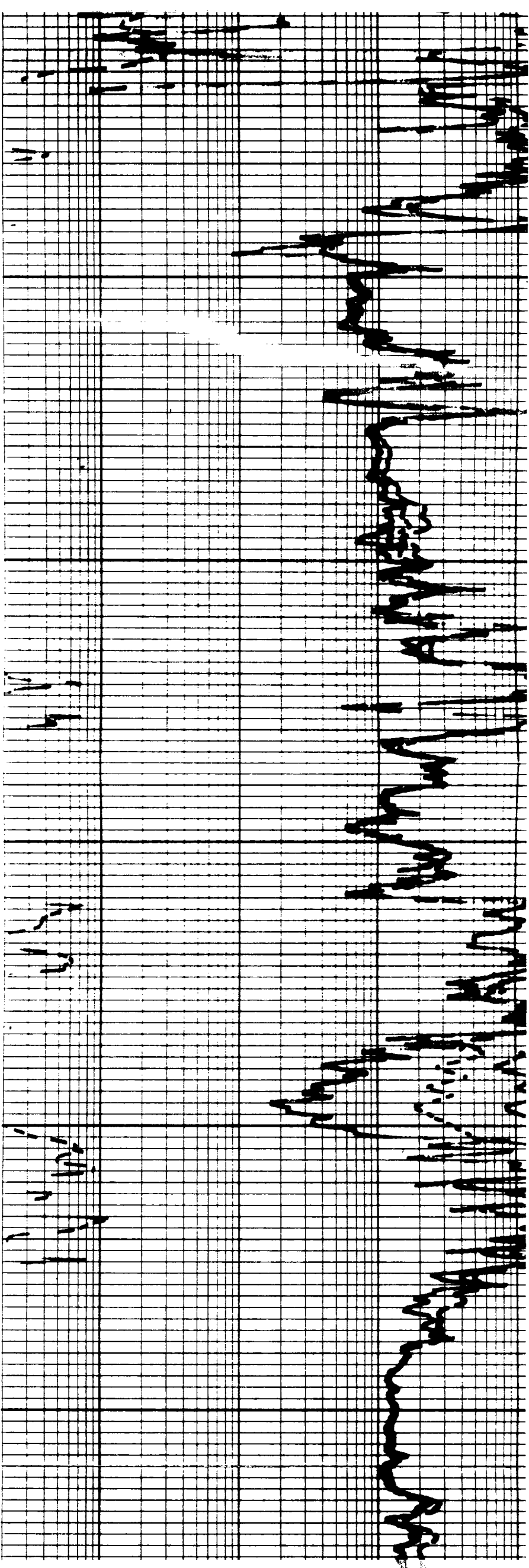
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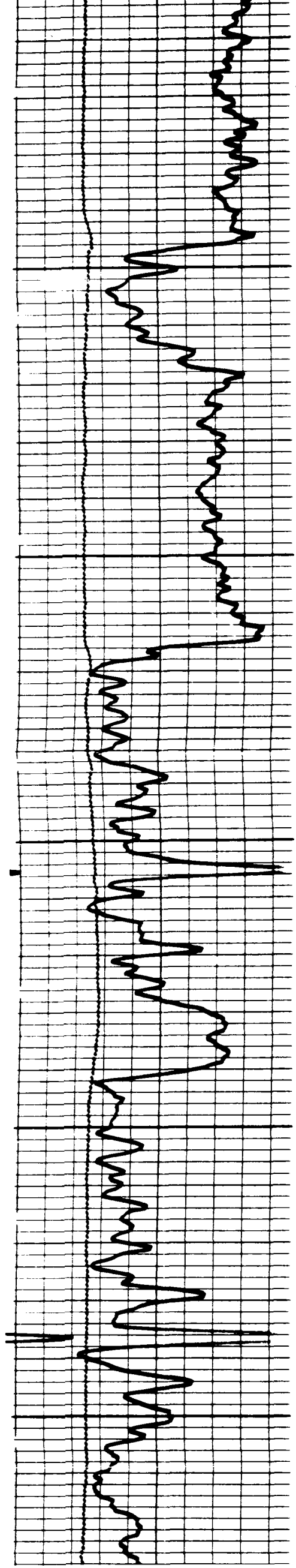


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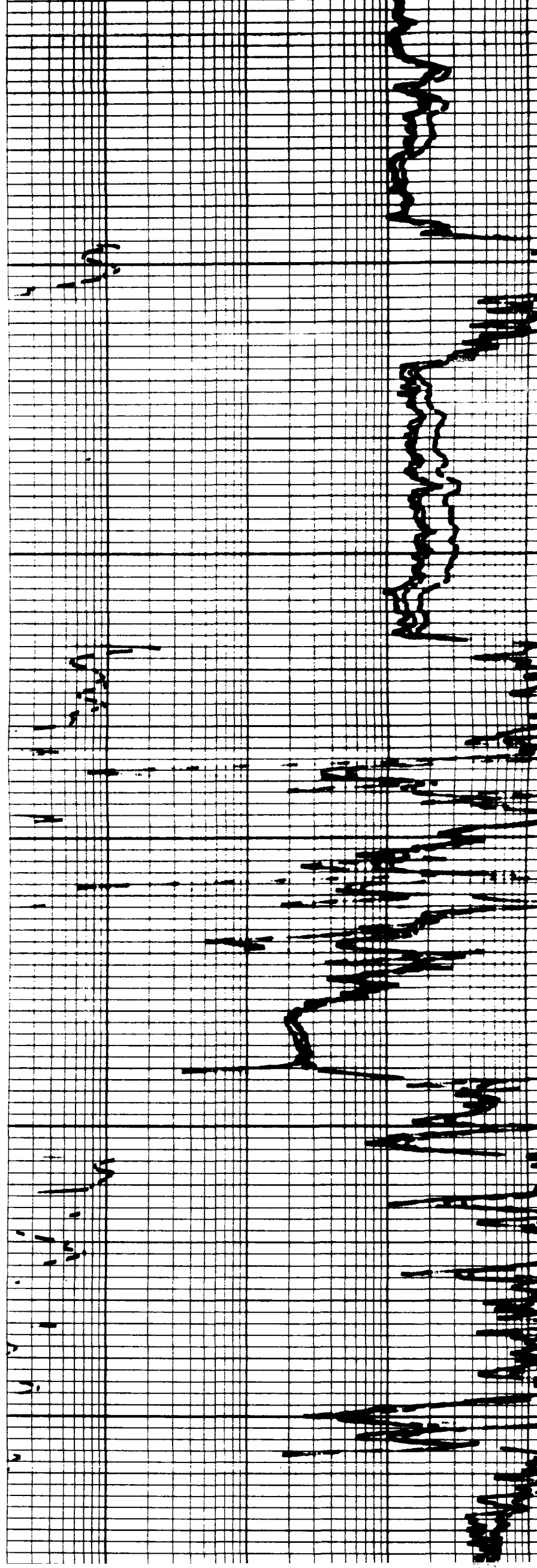
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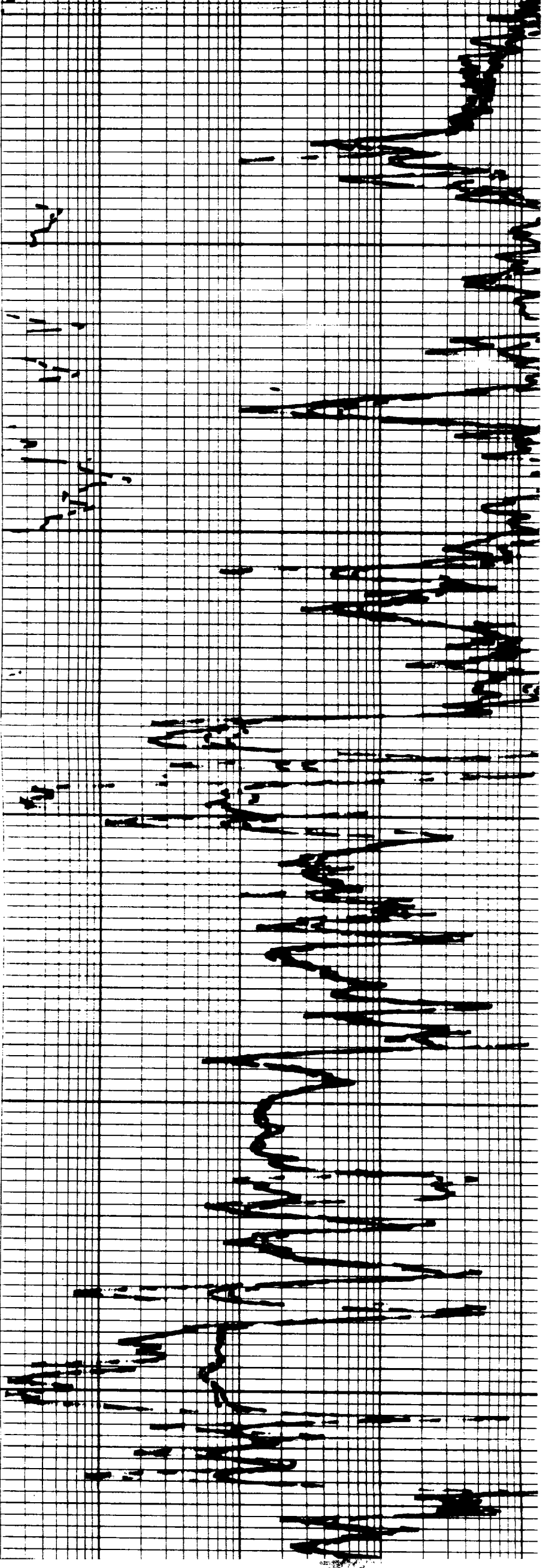




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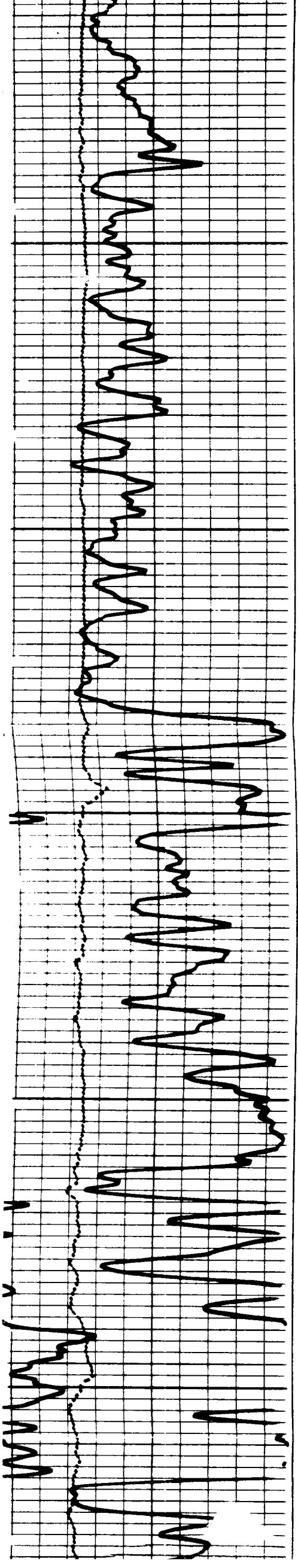


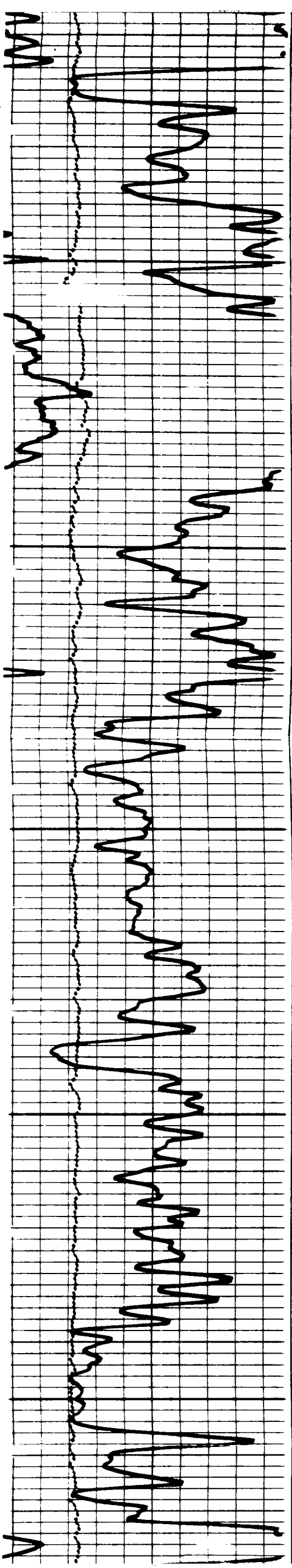


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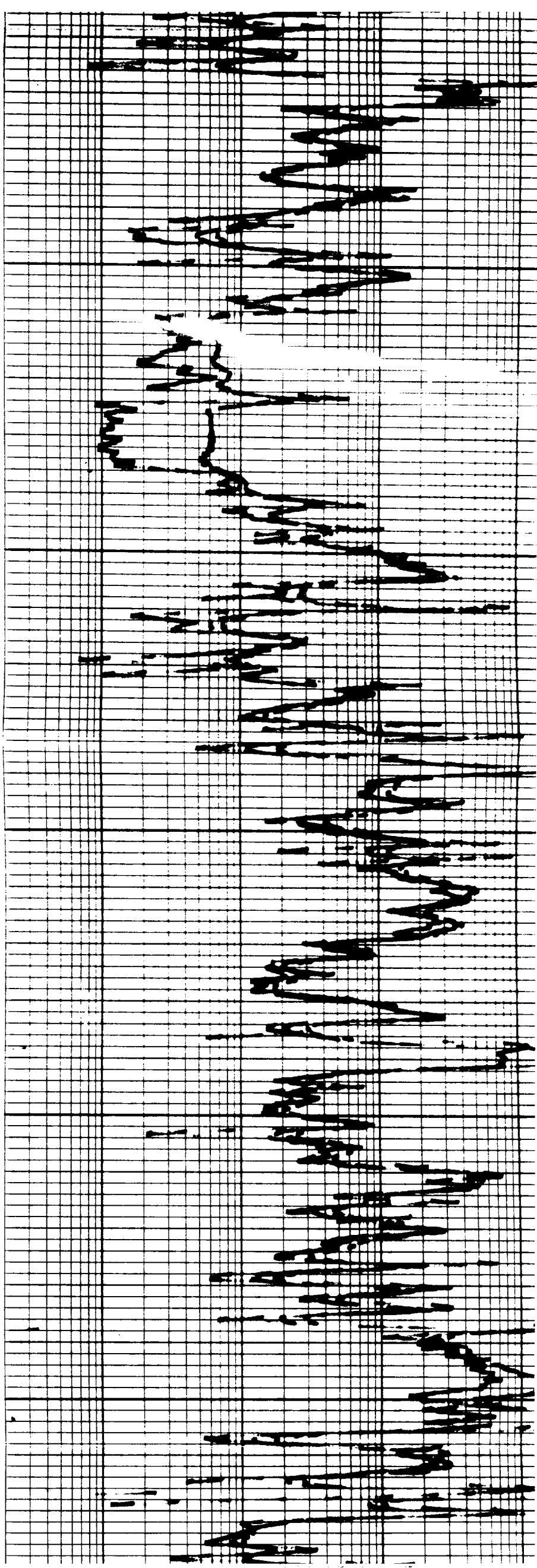
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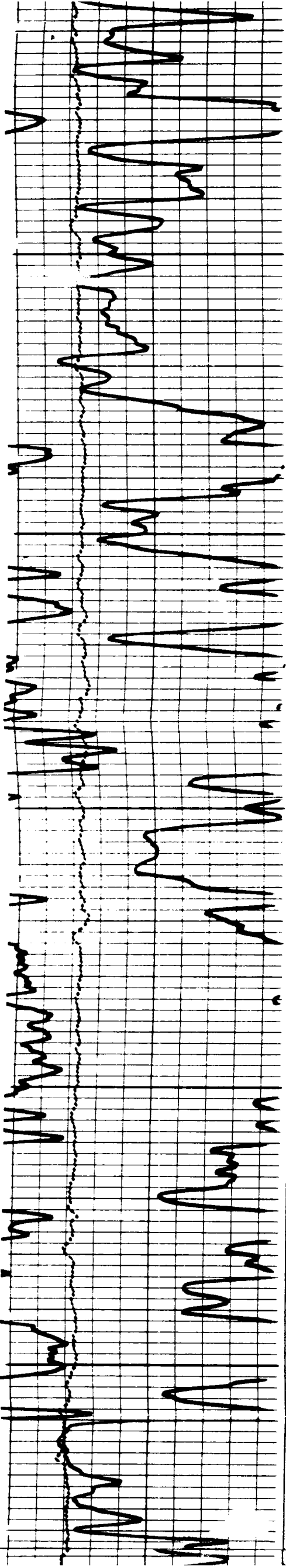




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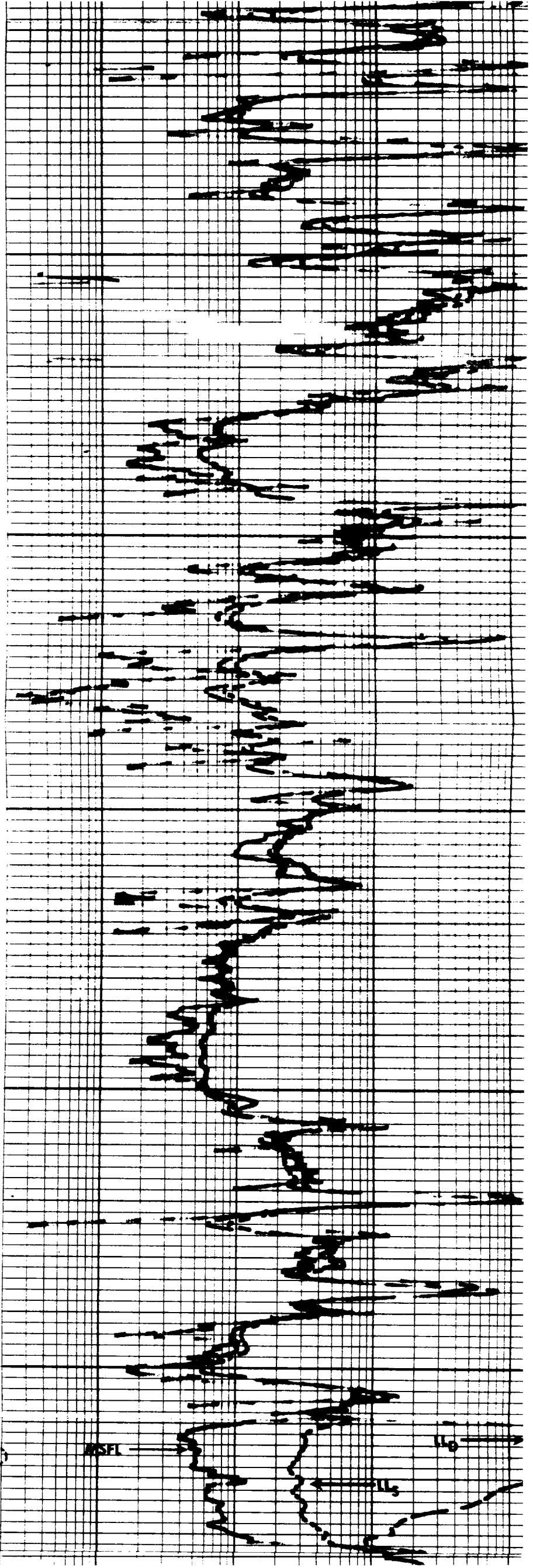


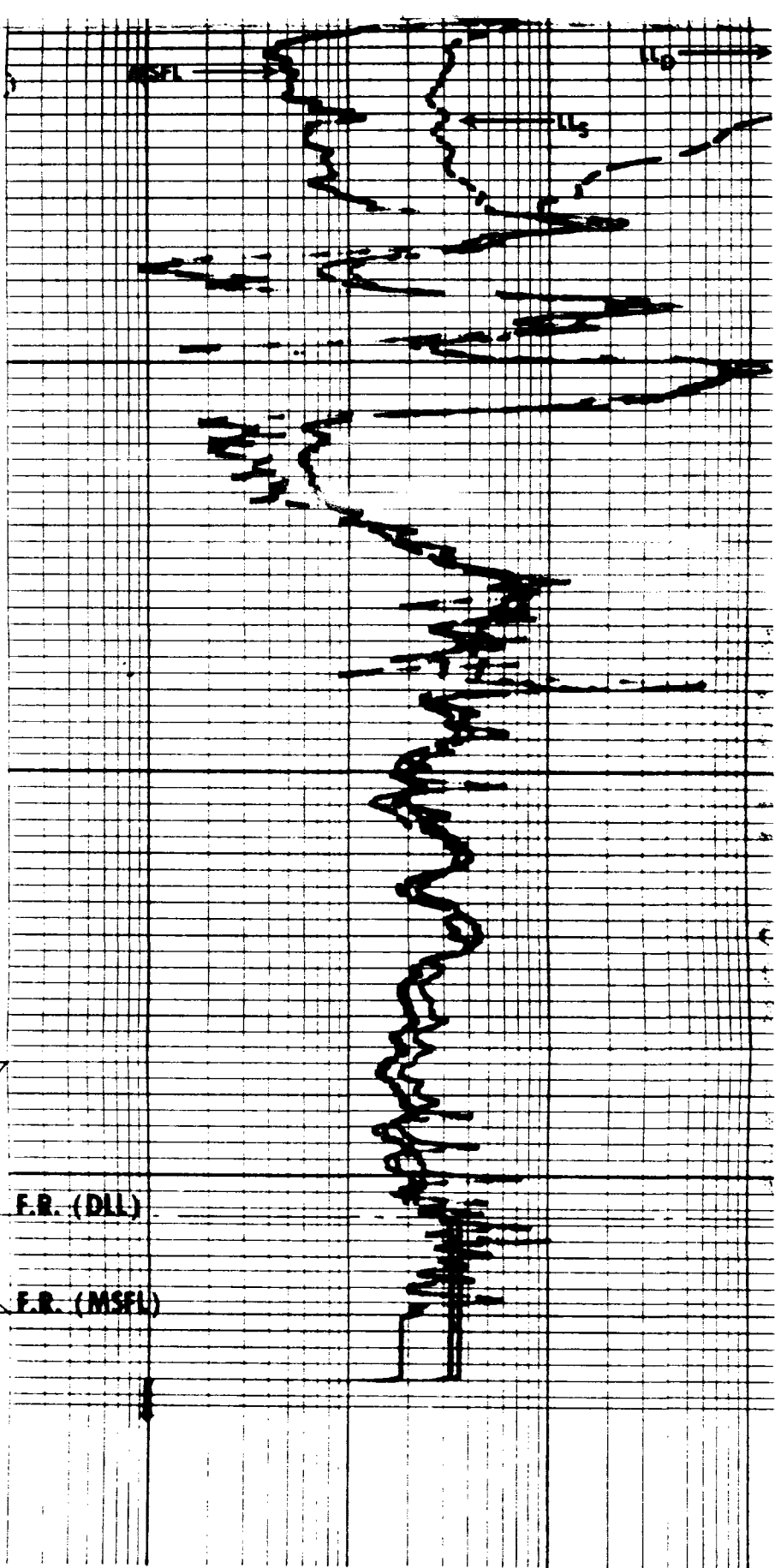


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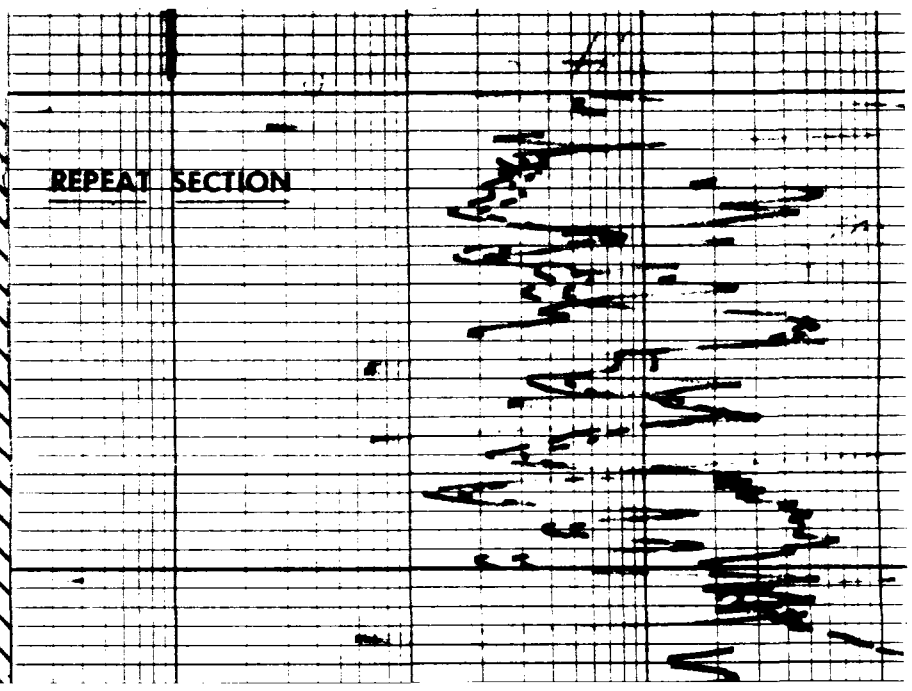
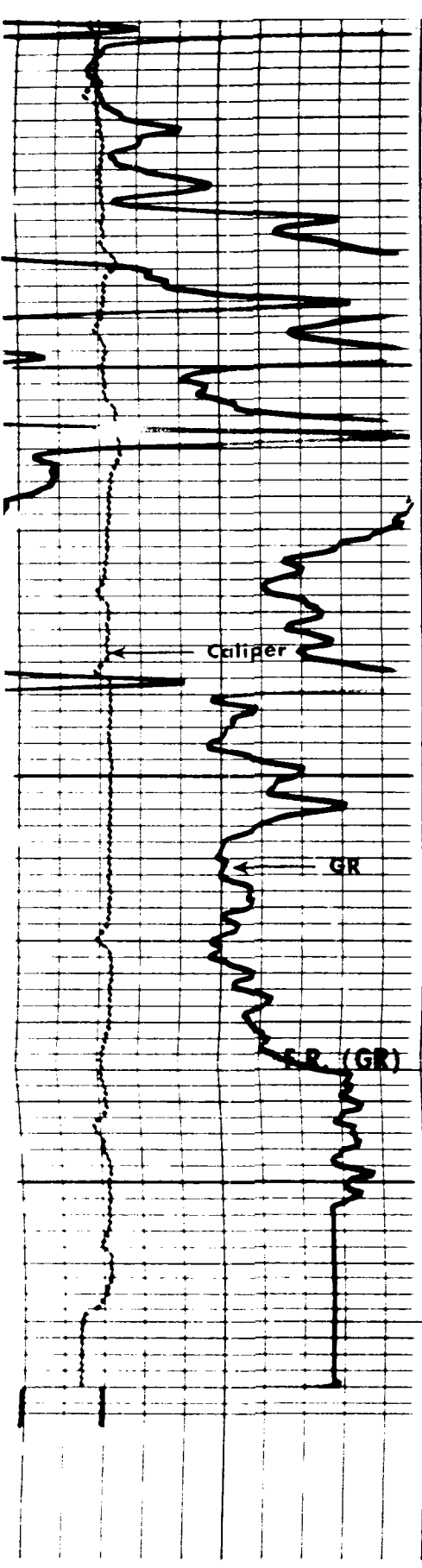
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F.R. (DLL)
F.R. (MSFL)

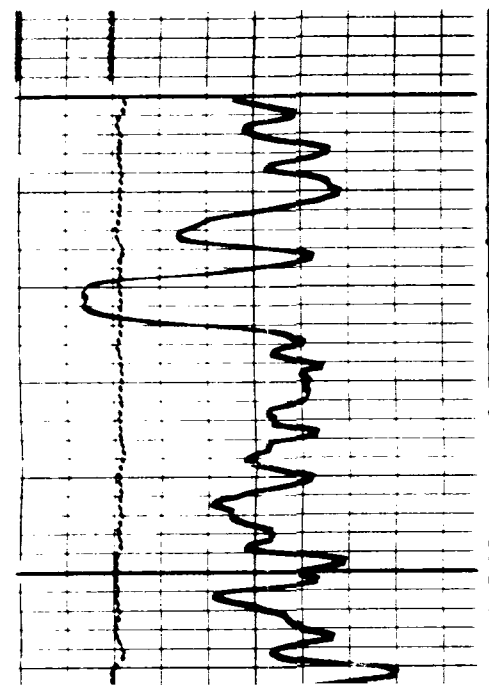
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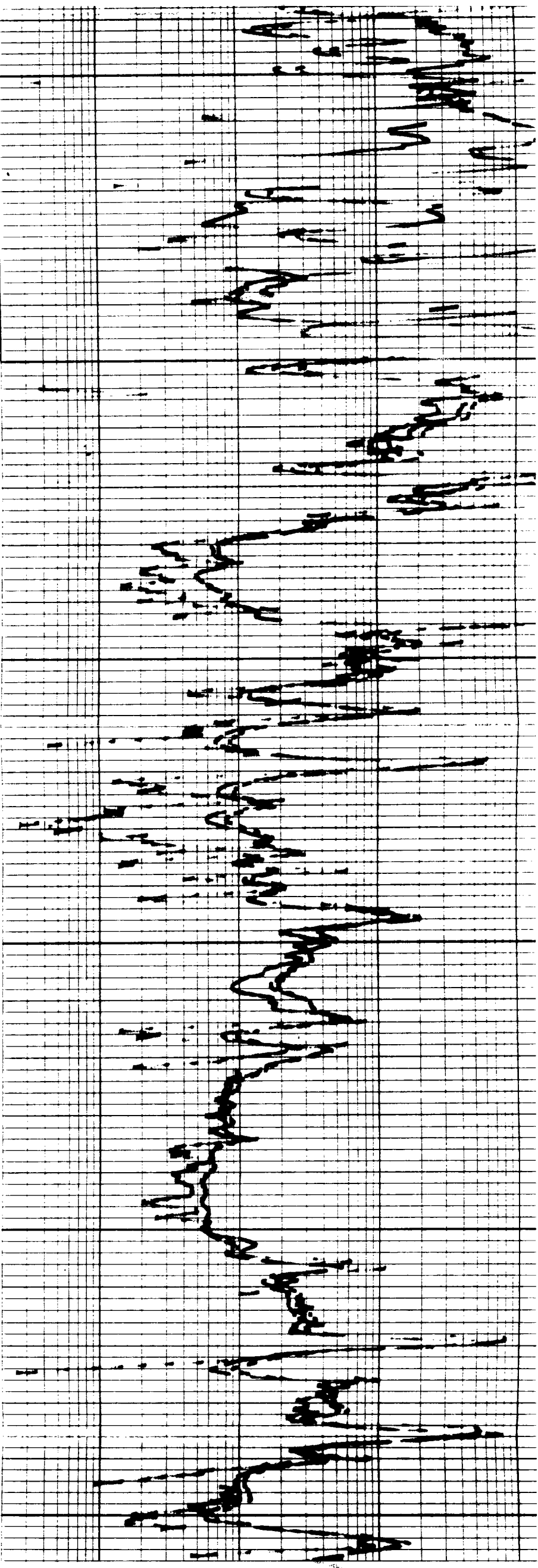


REPEAT SECTION

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MEMORIZER OUT — CU

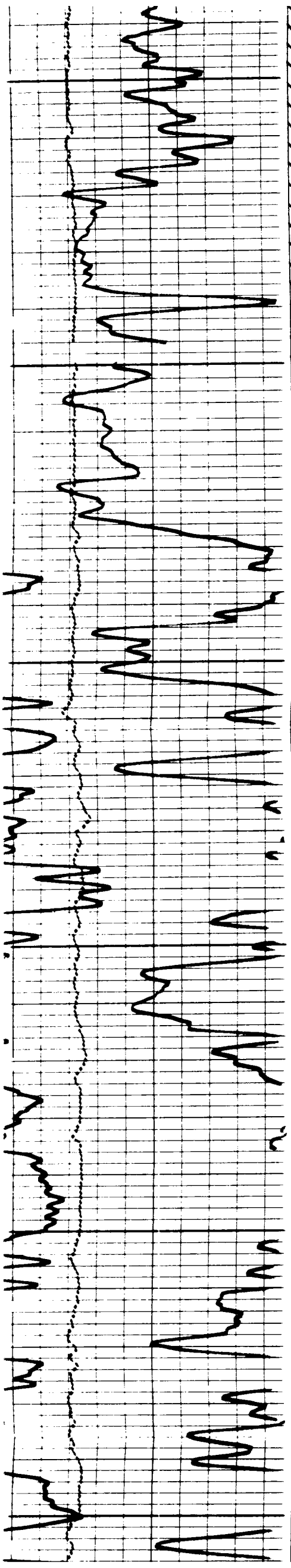


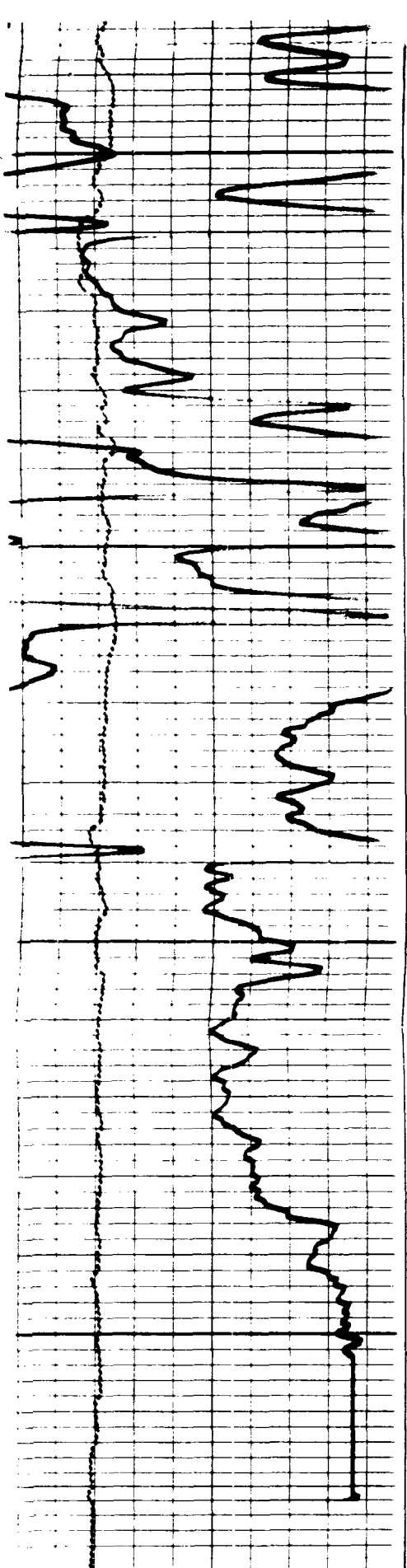


ER OUT — CURVES INVALID
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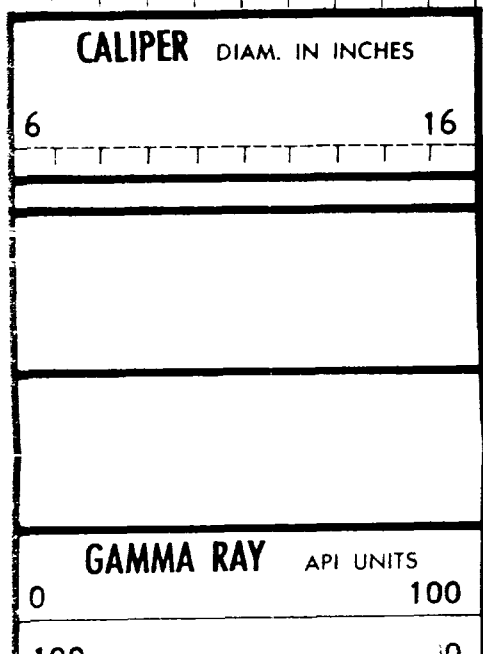
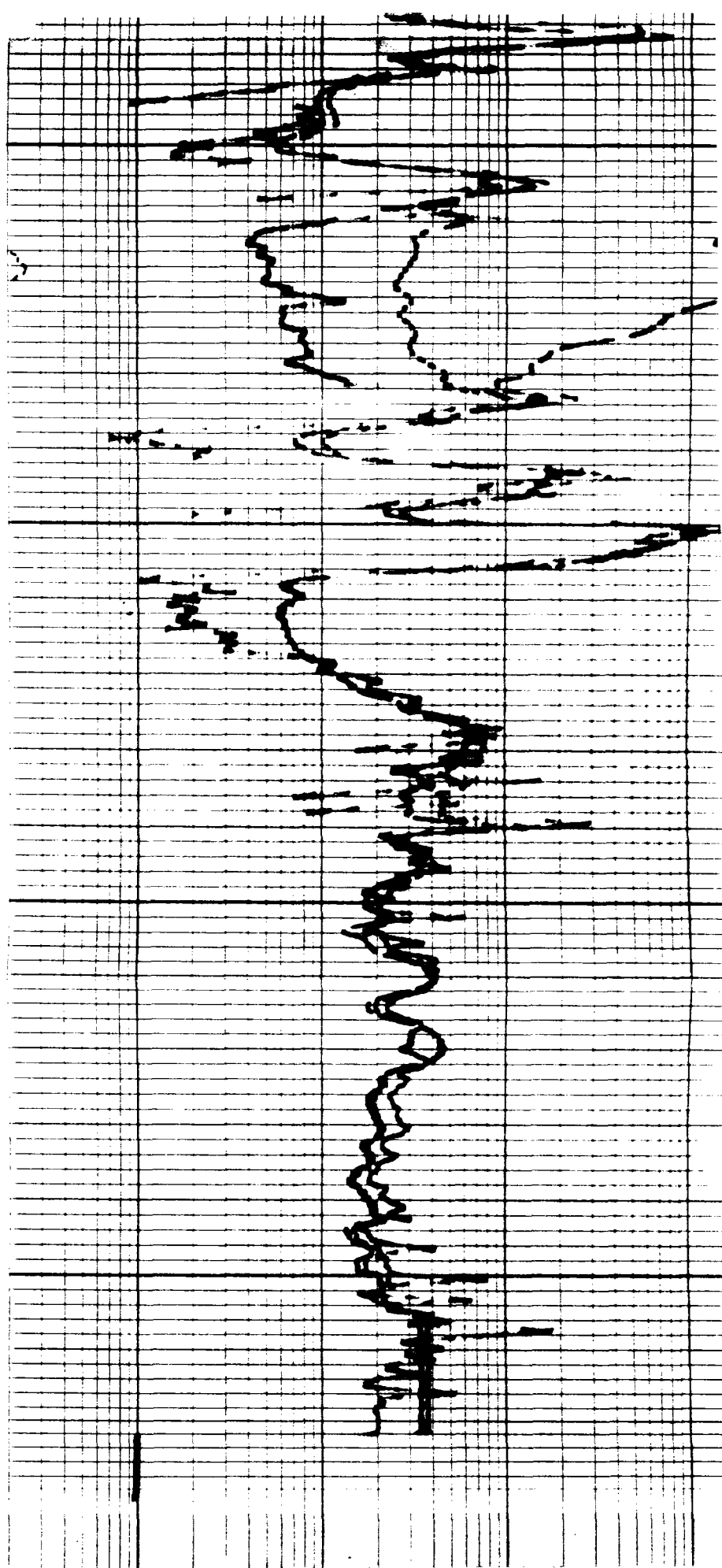
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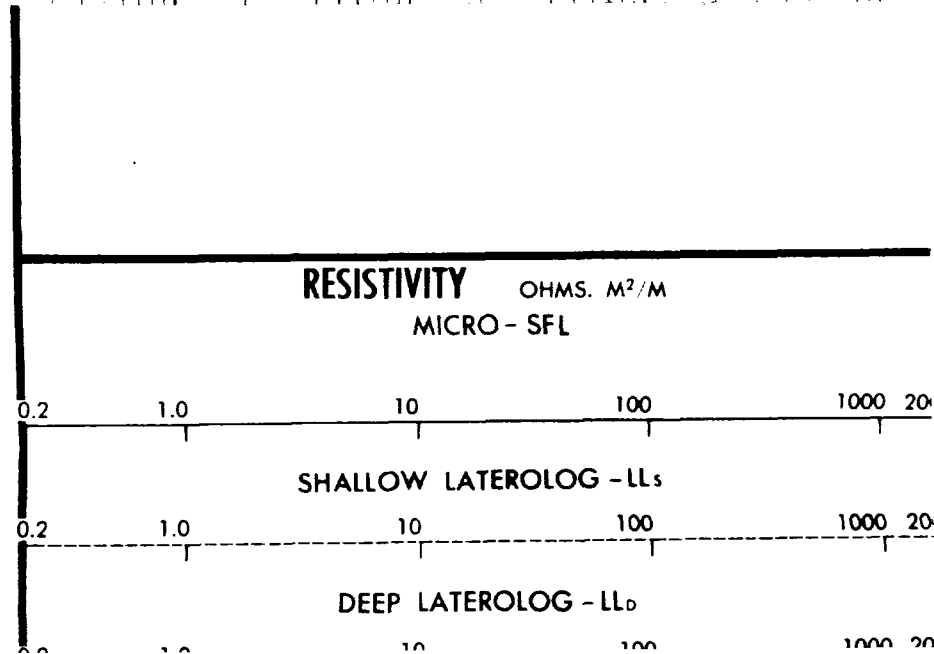


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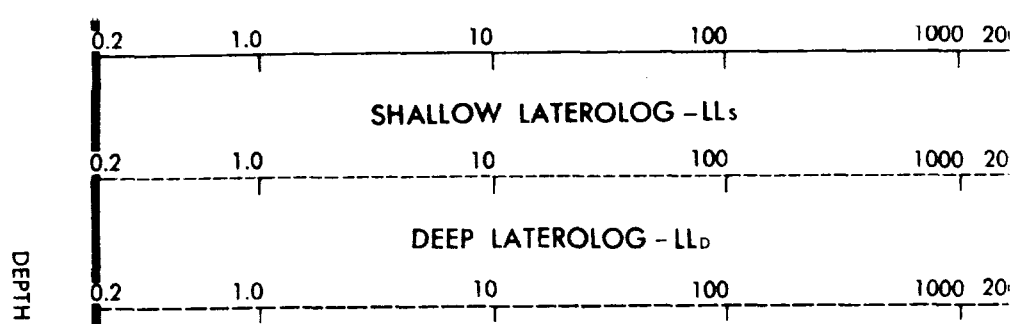
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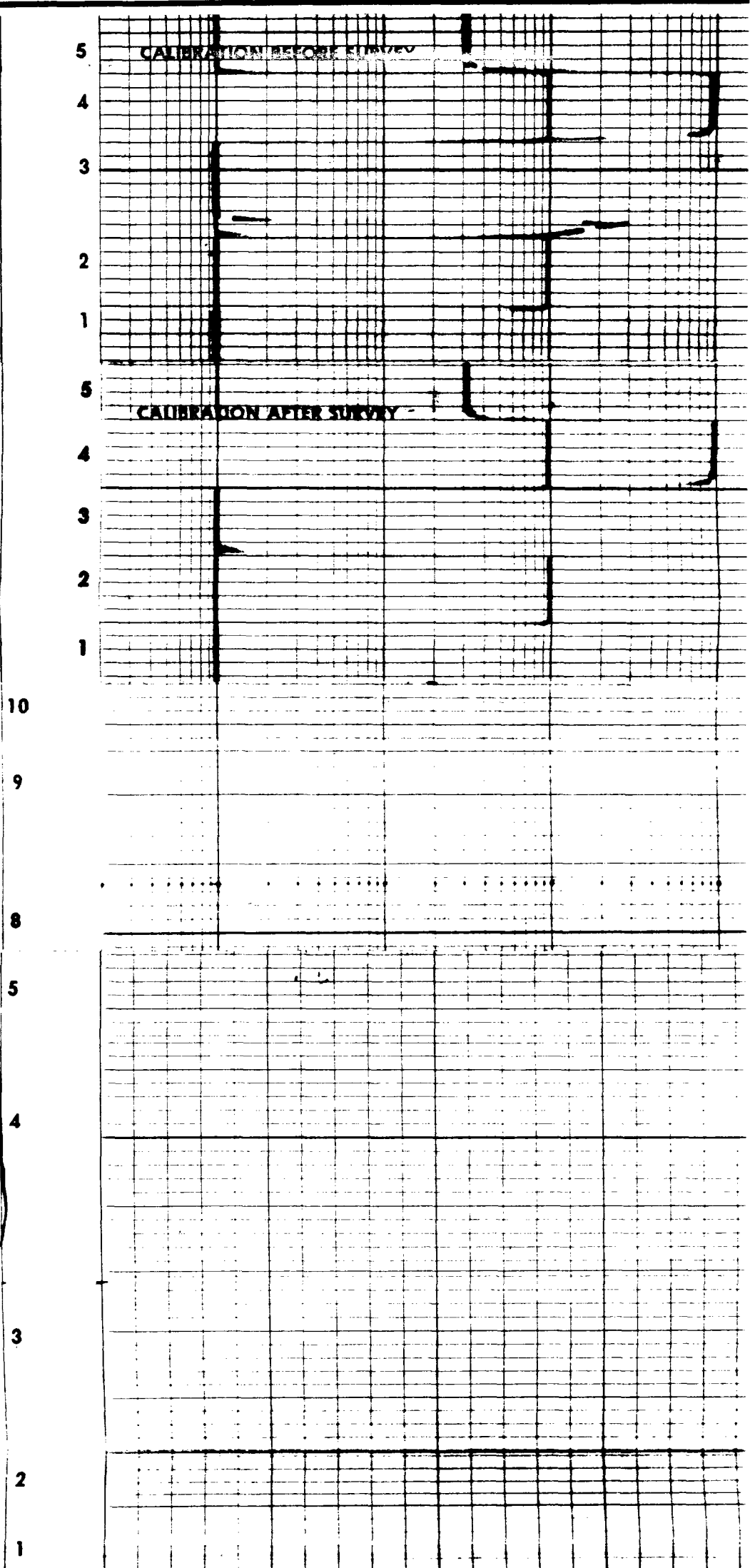
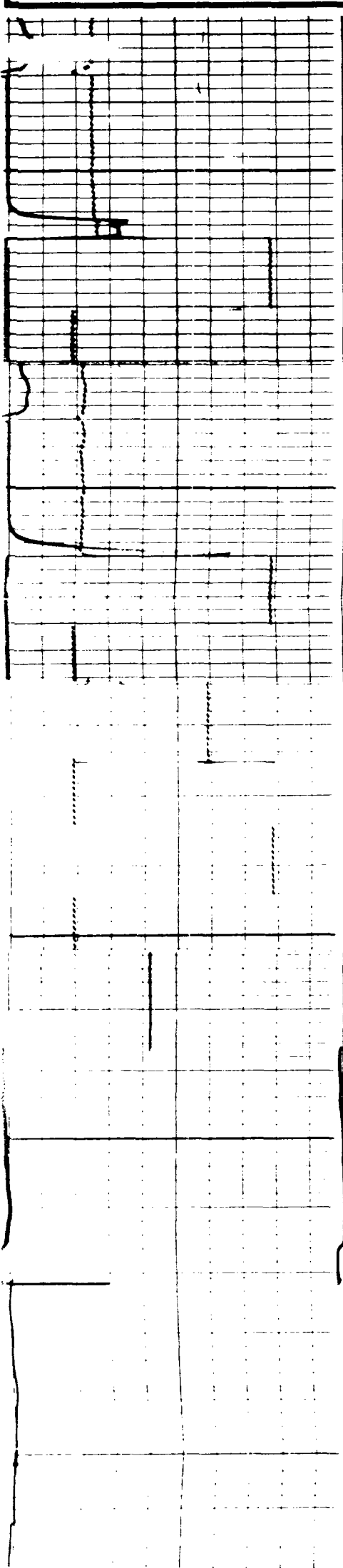
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GAMMA RAY		API UNITS
0		100
100		200



CALIBRATION RECORD



2

1

SIMULTANEOUS DUAL LATEROLOG CALIBRATION CODING

1. MECHANICAL ZERO
2. RECORD SET (SP CALIBRATE)
3. TEST - 1 (1 ohm-m)
4. TEST - 2 (LL-1000, M-SFL-100)
5. TOOL CAL (LL-31.6, M-SFL-1)

GAMMA RAY CALIBRATION CODING

1. MECHANICAL ZERO
2. TEST - 1 - ELECTRICAL ZERO
3. TOOL CAL - BACKGROUND
4. TOOL CAL-TEST JIG ON
5. CAL CHECK f = _____

CALIBRATION RECORD

COMPANY ATLANTIC RICHFIELD CO.

SCHL. FR 11068

WELL ROBINSON GAS COM #1

SCHL. TD 11069

FIELD GRAYBERY - MORROW

DRLR. TD 11060

COUNTY EDDY

STATE NEW MEXICO

Elev: KB 3565

DF 3563

GL 3544

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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 26 1977

30-015-22037

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
B-7596	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		ARTESIA OFFICE	
b. Type of Well DRILL ☒ OIL WELL ☐ GAS WELL ☒ OTHER ☐		DEEPEN ☐ PLUG BACK ☐	
2. Name of Operator Atlantic Richfield Company		Case No. 8841	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name	
4. Location of Well UNIT LETTER E LOCATED 1850 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 27 TWP. 17S RGE. 29E NMPM		8. Farm or Lease Name Robinson Gas Com.	
21. Elevations (Show whether DF, RT, etc.) 3547.3' GL		9. Well No. 1	
21A. Kind & Status Plug. Bond GCA #8		10. Field and Pool, or Wildcat Grayburg Morrow	
21B. Drilling Contractor Not selected		12. County Eddy	
19. Proposed Depth 11,150'		19A. Formation Morrow Gas	
20. Rotary or C.T. Rotary		22. Approx. Date Work will start 2-9-77	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20" OD	Conductor	20'	3 yds	Surface
17-1/2"	13-3/8" OD	54.5# K-55	750'	325 sx	Circulate
11"	8-5/8" OD	24 & 32# K-55	3500'	1000 sx	Circulate
7-7/8"	5-1/2" OD	17# N-80	11,150'	900 sx	6500'
		17# K-55	8,250'		
		15.5# K-55	6,070'		
		17# K-55	1,550'		
		17# N-80	290'		

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 5-1-77

Propose to drill a development gas well to test the Grayburg Morrow sand.

Mud Program: 0 - 750' Spud Mud
750 - 3500' Native Mud
3500 - 7200' Fresh wtr w/lime for PH control & paper for seepage loss.
7200 - 10100' Brackish wtr w/3% KCL 9.2#/gal lime for PH control & paper for seepage loss.
10000 - 11150' Cut brine w/polymer 9.6-9.8#/gal. FL below 10.

Two ram hydraulic BOPs will be used on 13-3/8" & 8-5/8" csg string & a Hydril BOP will be added on the 8-5/8" csg string. See BOP diagram attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Ally Knott Title Dist. Drlg. Supt. Date 1/25/77

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II

DATE FEB 1 1977

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOC AT ON AND ACREAGE DEDICAT ON PLAT

Form No. 1
Supersedes G-104
Rev. 1-1-65

All distances must be from the outer boundaries of the plat

ATLANTIC RICHFIELD COMPANY

ROBINSON GAS COM

1

E 27 17 SOUTH 29 EAST EDDY

1400 NORTH 660 West

3547.3 Morrow *Und* Grayburg *by owner* 320

Farm-in
Communitization

X

Working Interest are subject to Farm in
of Conoco's 25% WI for 1/8 ORR til payout
w/option to back in for 1/2 WI after
payout

Conoco
25% W.I.

ARCO
75% W.I.

B-7596
State 12½%

U.S. 12½% - LC 028775 (b)

John Smith

Dist. Drlg. Supt.

Atlantic Richfield Company

1/25/77

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JAN 26 1977

O. C. C.
ARTESIA, OFFICE

Nov. 11, 1976

John Smith

STATE OF NEW MEXICO
STATE LAND OFFICE
ACTIVE COMMUNITIZATIONS

COMMUNITIZATION NAME:

Atlantic Richfield Company-Robinson Gas Com Well No. 1

OPERATOR:

Atlantic Richfield Company

DATE APPROVED:

January 9, 1977

EFFECTIVE DATE:

12-15-76
Eddy

COUNTY:

TOTAL ACREAGE:

320.00

STATE ACREAGE:

80.00

DEDICATED TO:

Und. Grayburg Morrow

INSTITUTION:

Common Schools

TERM OF COMMUNITIZATION:

2 yrs. and so long as

WELL LOCATION:

SW/4NW/4 (E)

SEC. TWP. RGE.

SUBDIVISION

LEASE NO.

LESSEE

ACREAGE

27 17S 29E

W/2NW/4

B-7596

Conoco (Continental Oil Company)

80.00

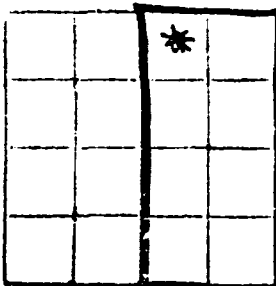
27 17S 29E

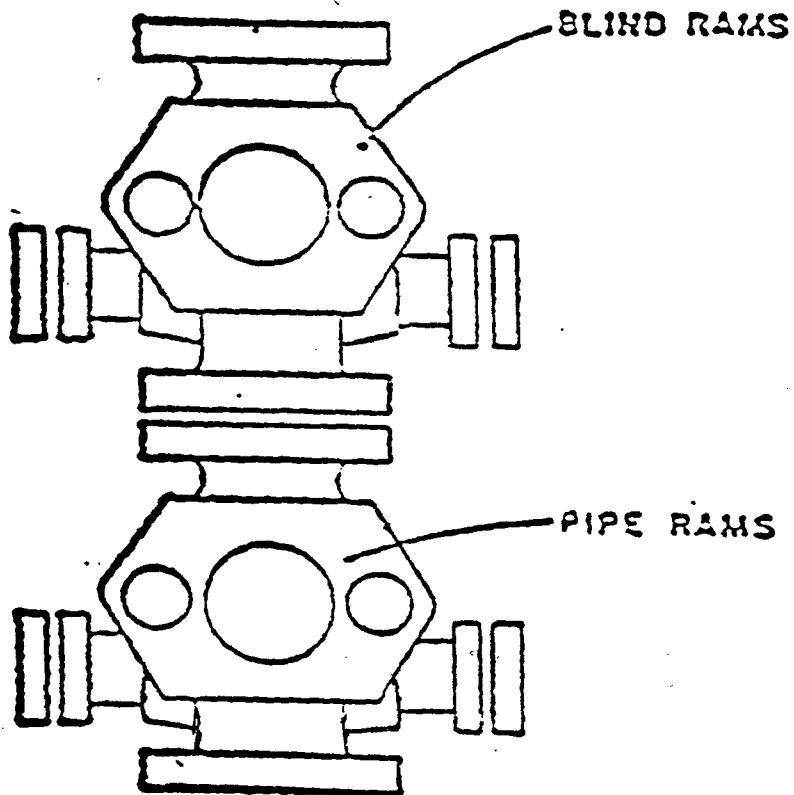
E/2NW/4, NE/4

FEDERAL

240.00
320.00

N/2 Sec. 27-17S-29E





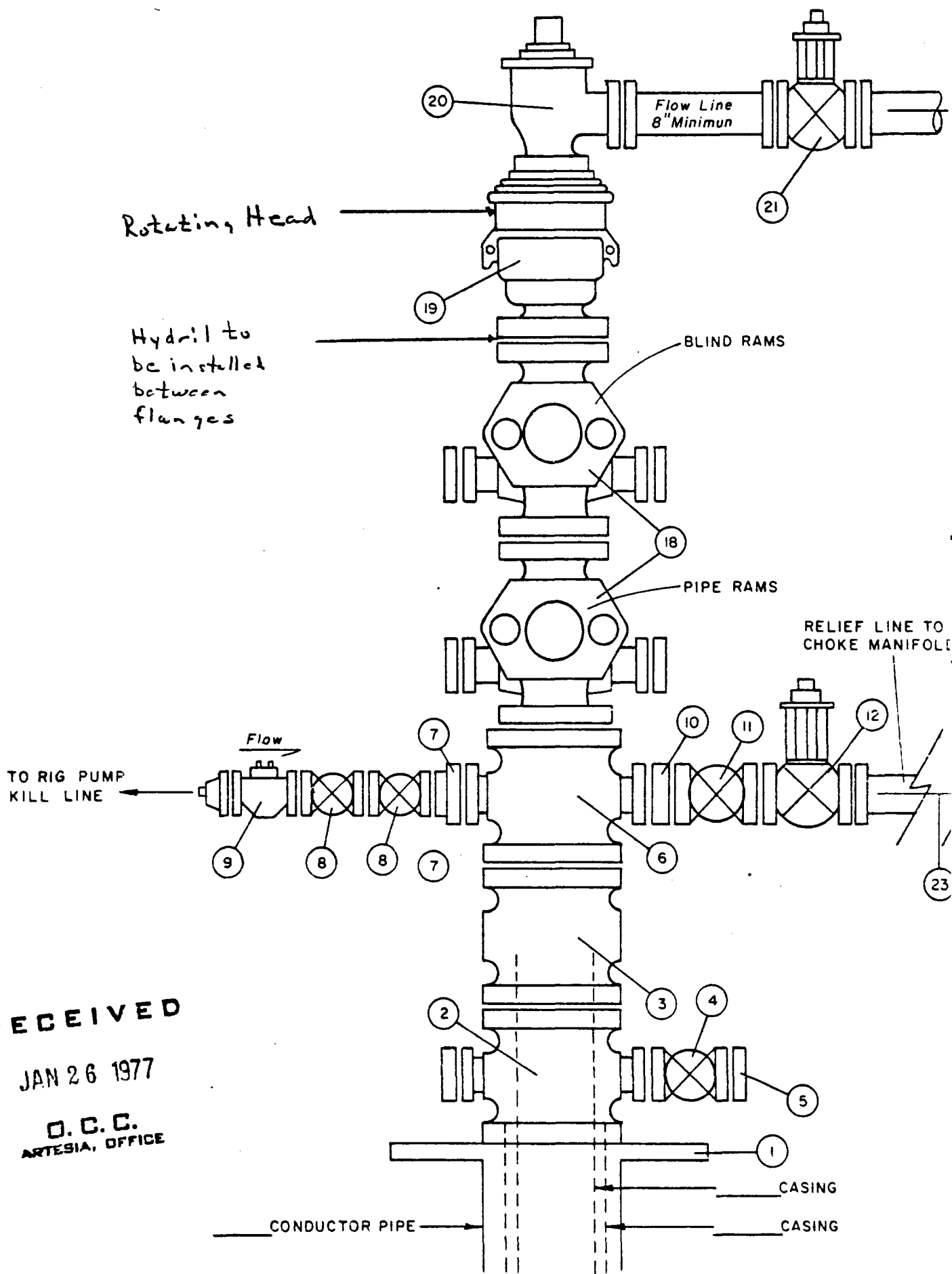
ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Robinson Gas Com

Well No. 1

Location Unit Letter E, 1850 FNL & 660 FWL,
Section 27, T17S, R29E

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.



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ARTESIA, OFFICE

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NEW MEXICO OIL CONSERVATION COMMISSION

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FEB 25 1977

Form O-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-7596
7. Unit Agreement Name
8. Farm or Lease Name Robinson Gas Com
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Grbg Morrow
11. Elevation (Show whether DF, RT, GR, etc.) 3547.3' GR
12. County Eddy

SUNDY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR NOTICES TO BE FILED IN TO OIL CONSERVATION COMMISSION TO A DIFFERENT RESERVOIR.
SEE INSTRUCTIONS FOR REPORTS ON WELLS IN (OCC) CATALOG FOR A DIFFERENT PROPOSAL.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM
THE West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3547.3' GR

12. County
Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPS. ☒
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☒
OTHER ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 17 1/2" hole @ 7:00 PM 2/13/77, lost circ @ 100', drilled to 270' w/o returns. WIH w/26" bit & 26" reamer to 270'. Ran 20" 94# H-40 csg to 190', could not get deeper. Set 20" csg @ 190'. Cmt'd w/350 sx Cl C cmt cont'g 3% CaCl & 1/4# flocele. No returns while cmtg. PD @ 10:00 AM 2/16/77. WOC 4 hrs. Dumped 12 yds Redi-mix cmt in 20" x 30" annulus. WIH w/ 17 1/2" bit, tagged cmt inside 20" csg @ 100'. WOC 8 1/2 hrs. Resumed drlg formation @ 9:30 PM 2/16/77. Drld 17 1/2" hole to 750' @ 11:30 AM 2/17/77. Ran 13-3/8" OD 54.5# & 61# ST&C w/FS & FC, set csg @ 750'. Cmt'd 13-3/8" OD csg w/350 sx Cl C cont'g 4% gel, 2% CaCl & 1/4# flocele/sk followed by 300 sx Cl C cont'g 3% CaCl. Bumped plug w/600# @ 6:00 PM 2/17/77. Circ 10 sx cmt. WOC 29-3/4 hrs. Pressure tested BOP & 13-3/8" OD csg to 1100# OK. Resumed drlg 11" OH @ 11:45 PM 2/18/77.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 2/24/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 25 1977

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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

MAR 7 1977

O. C. C.
ARTESIA. OFFICE

Form C-101
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-7596
7. Unit Agreement Lease
8. Farm or Lease Name Robinson Gas Com
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Grbg Morrow
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR NOTICES TO WELL OWNERS OR PRODUCERS TO A DIFFERENT RESERVOIR.
USE THESE FORMS FOR REPORTS ON (1) PRODUCTION, (2) CEMENT, (3) PLUGS, (4) REPAIRS, (5) OTHER.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **E** **1850** FEET FROM THE **North** LINE AND **660** FEET FROM
West LINE, SECTION **27** TOWNSHIP **17S** RANGE **29E** N.M.P.M.

11. Elevation (Show whether DP, RT, GR, etc.)
3547.3' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOBS ☒ Intermediate Casing
OTHER ☐	OTHER ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☐	PLUG AND ABANDONMENT ☐

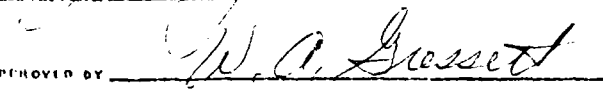
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fin drlg 11" hole to 3470' @ 11 AM 2/25/77. Ran 1142' 8-5/8" OD 32# K-55 csg in hole followed by 2305' 8-5/8" OD 24# K-55 csg w/FS, FC & stage collar, set csg @ 3470', FC @ 3387' & stage collar @ 1116'. Cmtd 8-5/8" csg 1116-3470' w/325 sx Cl C cont'g 4% gel & 6# salt/sk followed by 300 sx Cl C cont'g 3.5#/sk salt. Bumped plug w/1600# @ 10:15 PM 2/25/77. Opened stage collar @ 1116' & circ out 35 sx cmt. WOC 6 hrs. Cmtd thru stage collar @ 1116' w/650 sx Cl H cont'g 2.5# salt/sk. Circ 15 sx cmt to pit, closed surf valve & squeezed last 100 sx into formation w/1300#. Bumped plug w/2600# @ 6:15 AM 2/26/77. WOC in zone in interest 18 hrs. Drld out stage collar @ 1116'. Pumped into stage collar w/1300#. RIH w/ 8-5/8" OD cmt retr, set @ 1040' & squeezed stage collar w/200 sx Cl C cont'g 2% CaCl, MP 1400#. Final press 500#. Cleared stage collar w/10 BFW. Stage #2 cmtd thru retr @ 1040' w/150 sx Cl C cont'g 4% gel & 150 sx Cl C cont'g 3% CaCl. MP 1400#, final press 500#. Cleared cmt past stage collar w/10 BFW. Stage 3 cmtd thru retr @ 1040' w/100 sx Cl C cont'g 4% gel, 5# gilsonite, 1/4# flocele & 5# salt/sk followed by 60 sx Cl C cont'g 3% CaCl Max & final press 2500#. Closed retr & rev out 50 sx cmt. WOC 35 hrs. Drld cmt & DV tool @ 1116 Press tstd DV tool to 1000# 30 mins OK. Resumed drlg formation @ 5:30 AM 3/1/77.

Salt water flow was encountered between 900-1000'. Estimated flow rate of 4 BWPM. SIP 300#. Flow decreased to 1-2 BWPM.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED  TITLE Dist. Drlg. Supt. DATE 3/2/77

APPROVED BY  TITLE SUPERVISOR, DISTRICT H DATE MAR 17 1977

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MAY 12 1977

O. C. C.
ARTESIA, OFFICE

OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-7596
7. Unit Agreement Name
8. Form or Lease Name Robinson Gas Com
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Grbg Morrow
12. County Eddy

SUNDARY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PURPOSES TO BE LITIGATED OR TO AFFECT A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO PRODUCE OIL, FOR SUCH PURPOSES.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER
2. Name of Operator Atlantic Richfield Company
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240
4. Location of Well UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3547.3' GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒ Prod	OTHER <u>Log, Perforate, Test & Squeeze Cmt</u> ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fin drlg 7-7/8" hole to 11,060' TD @ 6:00 PM 4/11/77. Ran DLL w/RXO, CNL-FD logs. Ran 3301' 5 1/2" OD 17# 8R N-80 LT&C csg on btm, followed by 3916' 5 1/2" OD 17# 8R K-55 LT&C csg & 3857' 5 1/2" OD 17# N-80 butt csg w/FS, FC & DV tool. Csg set @ 11,062'. FC @ 10,997', DV tool @ 8959'. Cmtd 5 1/2" OD csg in 2 stages. Pmpd 520 sx Cl H cont'g .5% Halad 22, .3% CFR-2 & 5# KCL. Plug down @ 9 PM 4/13. Cmtd 2nd stage thru DV tool w/400 sx Hal lite cont'g 8# salt, followed by 100 sx Cl H cont'g .5% Halad 22. PD @ 4:15 AM 4/14/77. WOC 96 hrs. Drld DV tool @ 8959'. Press tstd csg to 1500# 30 mins OK. PBD 10,999'. Ran CBL/GR collar log 5800-10,999'. TOC @ 5850'. No cmt bond 9130-9205'. Perf'd squeeze holes @ 9110-9112'. Squeezed perfs 9110-9112' w/50 sx Cl H, .3% Halad 9 followed by 50 sx Cl H Neat. MP 4500#, final 4000#. WOC. DO squeeze job & press tstd 5 1/2" csg to 2000# 30 mins OK. Perf'd Cisco 9179-9184'. RIH w/pkr on 2-7/8" EUE tbg, set pkr @ 9130'. Swbd Cisco 8 1/2 hrs, rec 52 BLW & 84 BFW, small tr oil. Swbd 10 hrs, rec 145 BFW, tr oil. Swbd total of 431 BW from Cisco in 3 days. Reset pkr @ 8869', squeezed Cisco perfs 9179-9184' w/100 sx Cl H cont'g .5% Halad 9 followed by 50 sx Cl H Neat. MP 4600#, max & final 4200#. Rel pkr & RO clean. Reset pkr & press up to 1000# on tbg & csg. Tagged TOC @ 8900', spotted 150 gals 20% acetic acid dbl inhib 6346-6496'. POH w/pkr & tbg. Perf'd Abo 6482-86' & 6490-96' w/2 JSPF. RIH w/pkr on 2-7/8" tbg, set pkr @ 6300'. Trtd Abo 6482-96' w/4000 gals 15% LSTNE w/iron seq. MP 3600#, ISIP 2200#. Swbd 2 hrs, rec 52 BLW, 0 BO, TP 150#. Swbd Abo 6482-96' 11 hrs, rec 88 BLW, 76 BFW, tr oil, show gas. Cmt squeezed 6482-96' w/100 sx Cl C cmt cont'g .5% Halad 9 followed by 100 sx Cl C Neat. Max & final sq press 5000#. Rel pkr & POH. WIH w/bit & DO cmt stringers. Press tstd 5 1/2" csg & squeeze job to 2000# for 30 mins OK.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u><i>J. D. [Signature]</i></u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>5/10/77</u>
APPROVED BY <u><i>W. A. Gressett</i></u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAY 16 1977</u>

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NEW MEXICO OIL CONSERVATION COMMISSION

MAY 20 1977

O.C.C.
ARTESIA OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR NOTICES TO WELL OWNERS TO STOP OR CHANGE DATA TO A DIFFERENT RESERVOIR. USE APPLICATION FOR REMITTAL OF NOTICE TO STOP OR CHANGE DATA TO A DIFFERENT RESERVOIR.)		5a. Indicate Type of Lease State ☒ Fee ☐
1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-		5. State OH & Gas Lease No. B-7596
2. Name of Operator Atlantic Richfield Company		6. Farm or Lease Name Robinson Gas Com
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		7. Well No. 1
4. Location of Well UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E NMPL.		8. Field and Pool, or Well Unit Undesignated Grbg Morrow
15. Elevation (Show whether DF, KT, GR, etc.) 3547.3' GR		12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	PLUG AND ABANDON ☐ CHANGE PLANS ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPS. ☐ CASING TEST AND CEMENT JOBS ☐ OTHER <u>OH Cement Plugs for Lost Circ</u> ☒	ALTERING CASING ☐ PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 3/20/77 lost full returns @ 9265'. Mixed 400 bbls LCM, unable to regain circ. Dry drld 9269-9404'. POH w/bit. WIH w/DP OE, spotted cmt plug 250 sx Cl C, 2% CaCl, 15# Gilsonite, 1/4# flocele across zone 9265-9404'. WOC 12 hrs. Loaded hole & circ w/full returns. POH w/DP. WIH w/bit, drld cmt 8786-9321'. Lost returns, regained after 5 mins. Drld to 9404', lost returns. POH w/bit. On 3/21/77 WIH w/DP OE to 8765'. Pmpd 250 sx Cl C Thik-set cont'g 2% CaCl, 15#/sk gilsonite & 1/4#/sk flocele. POH w/30 jts DP. Loaded hole w/wtr. WOC 21 1/2 hrs. POH w/DP. WIH w/DP, drld to 9732', lost partial returns @ 9732'. Mixed 330 bbls LCM, unable to gain full returns. POH w/bit. WIH w/DP OE to 9200'. Spotted 225 sx Cl C Thik-set cmt cont'g 1/4# flocele/sk, 15# gilsonite/sk & 2% CaCl, followed by 75 sx Cl C Neat 7700-9200'. PU DP to 5600', WOC 6 hrs. Loaded hole w/wtr. Circ w/25% returns, lowered DP to 8700'. Spotted 225 sx Cl C Thik-set cont'g 1/4# flocele, 15# gilsonite & 2% CaCl, followed by 75 sx Cl C Neat 7200-8700'. PU DP to 5100', WOC. POH w/DP. WIH w/bit, drld cmt 9200-9600', lost circ. POH w/bit. WIH w/bit OE to 8240'. Spotted 300 sx Cl C Thik-set, 2% CaCl, 15# gilsonite & 1/4# flocele. PU DP to 4600', WOC 6 hrs. Loaded hole. POH w/DP WOC total 28 hrs. WIH w/bit, drld cmt 8889-9324'. Lowered bit to 9386', fin drlg cmt to 9440'. Lowered bit to 9732'. Drld to 9747' w/full circ. On 4/3/77 lost 40 BM 10,484-10,490', regained circ & drld to 11,060' TD with no further lost circulation.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 5/18/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY 20 1977

COPIES OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date May 18, 1977		23 1977	
Company Atlantic Richfield Company				Connection None			
Pool Grayburg Morrow Undesignated				Formation Morrow		Unit ARTES	
Completion Date May 13, 1977		Total Depth 11063'		Plug Back TD 10999'		Elevation 3544' GL	
Farm or Lease Name Robinson Gas Com							
Csg. Size 5 1/2"	Wt. 17.0	d 4.892	Set At 11062'	Perforations: From 10911' To 10929'		Well No. 1	
Tbg. Size 2.875	Wt. 6.5	d 2.441	Set At 10795'	Perforations: From Open Ended		Unit Sec. Twp. Rge. E 27 17s 29e	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 10775'		County Eddy	
Producing thru Tubing		Reservoir Temp. °F 160 @ 10920		Mean Annual Temp. °F 60°F		State New Mexico	
L 10920'	H —	Gg 0.672	% CO ₂ 0.27	W N ₂ 0.70	10 H ₂ S 0.00	Prover	Meter Run 4
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Duration of Flow
SI							
1.	4 9/64	2.000		600	5.5	110	1.0
2.	4 10/64	2.000		605	9.0	96	1.0
3.	4 12/64	2.000		605	14.0	89	1.0
4.	4 14/64	2.000		615	23.0	81	1.0
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	19.81	58.07	613.2	0.9551	1.220	1.047	1403.43
2	19.81	74.58	618.2	0.9671	1.220	1.053	1835.55
3	19.81	93.03	618.2	0.9732	1.220	1.056	2310.65
4	19.81	120.12	628.2	0.9804	1.220	1.059	3014.11
5							
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio 50.976 Mcf/bbl.		
1	0.91	570	1.51	0.912	A.P.I. Gravity of Liquid Hydrocarbons 53.3 Deg.		
2	0.92	556	1.47	0.902	Specific Gravity Separator Gas 0.672		
3	0.92	549	1.45	0.897	Specific Gravity Flowing Fluid XXXXX		
4	0.93	541	1.43	0.891	Critical Pressure 672 P.S.I.A.		
5					Critical Temperature 378 R		
P _c 4862.2 P _c ² 23641.0							
NO.	P _f ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 4.373$		
1		4548.2	20686.1	2954.9	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.115$		
2		4429.2	19617.8	4023.2			
3		4270.2	18234.6	5406.4			
4		4005.2	16041.6	7599.4			
5							
Absolute Open Flow 7198 Mcfd @ 15.025					Angle of Slope @ 52° 24'		Slope, n 0.770
Remarks: * BHP @ (-7376) 10920 used for pressure Calculations							
Approved By Commission:		Conducted By: Jarrel Services, Inc		Calculated By: Joe A. Coleman		Checked By: Joe A. Coleman	

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

RECEIVED

I. OPERATOR

Operator **Atlantic Richfield Company** **MAY 25 1977**
Address **O. C. C. ARTERIA, OFFICE**

Reason(s) for filing (Check proper box)
 New Well ☒ Change in Transporter of: ☐
 Recompletion ☐ Oil ☐ Dry Gas ☐
 Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)
Please assign a 300 Bbl. testing allowable for the month of May, 1977 for completion of well.

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Robinson Gas Com.	1	Undesignated Grayburg Morrow	State, Federal, or Fee State	B-7596

Location
 Section **27** Township **17S** Range **29E** , NMPM, **Eddy** County

Foot Corner **E** **1850** Feet From The **North** Line and **660** Feet From The **West**

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
Scurlock Oil Company	1216 Vaughan Bldg. Midland, Tex. 79702
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
None	

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	E	27	17S	29E	No-WOPLC	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X) ☐ Oil Well ☐ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Same Rest. ☐ Diff. Rest.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Percussions	Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Al L. MacLafferty
(Signature)

Accountant I

5-24-77

(Title)

Date

OIL CONSERVATION COMMISSION

APPROVED **MAY 25 1977**, 19

BY *W. A. Gressett*

SUPERVISOR, DISTRICT II

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 1111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

MAY 31 1977

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR NOTICES TO APPLICANTS TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO PROCEED TO A DIFFERENT RESERVOIR.		5a. Indicate Type of Lease State ☒ Fee ☐
1. Name of Operator Atlantic Richfield Company		5. State Oil & Gas Lease No. B-7596
2. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement No.
3. Location of Well UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E N.M.P.M.		8. Farm or Lease Name Robinson Gas Com
15. Elevation (Show whether DF, RT, CR, etc.) 3547.3' GR		9. Well No. 1
12. County Eddy		10. Field and Pool, or other Undesignated Grbg Morrow

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	SUBSEQUENT REPORT OF: PLUG AND ABANDON ☐ CHANGE PLANS ☐ OTHER ☐ REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOBS ☐ OTHER <u>Perf & Complete. Run 4 pt test</u> ☒ ALTERING CASING ☐ PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 5/11/77 found PBD @ 10,999'. Spotted 100 gals 20% acetic acid 10,829-10,929'. POH w/bit & DP. Perf'd Morrow w/1 JS ea @ 10,911, 14, 16, 18, 20, 23, 26, 29'. RIH w/rupture disc, 2-7/8" X 10' tbg nipple, 2.25" SN, 2-7/8" OD EUE X 10' tbg nipple, Lok-set pkr, ER Receptacle w/2.25" ID profile, 2 jts 2-7/8" OD EUE 8R tbg, 2.25" SN on 2-7/8" CS Hydril tbg, set pkr @ 10,775' w/2.25" ID FN @ 10,704'. Conn up wellhead & press tstd to 8000# OK. Dropped 1" X 15' bar @ 2:00 PM 5/13/77. GTS in 2 mins. Flwd well 1 hr to clean up. SITP 3650#. Flwd Morrow perfs 10,911-10,929' on 13/64" ck, rec 71 bbls cond, 0 BO, 0 BW. FTP started 3275# @ 5:00 PM 5/13/77, ending FTP 2960# @ 5:00 PM 5/14/77. FTP stabilized @ 2910-2960#. CP 0#. Separator press 600#. Flwd ARO 3 MMCFPD. SI on 5/14/77 for 4-pt test. On 4-pt back pressure test 5/18/77 the CAOPF was 7.198 MMCFPD. New Undesignated Grayburg Morrow Gas well completed 5/18/77. Shut in, waiting on pipeline connection.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED: [Signature] TITLE: Dist. Drlg. Supt. DATE: 5/26/77

APPROVED BY: [Signature] TITLE: SUPERVISOR, DISTRICT II DATE: MAY 31 1977

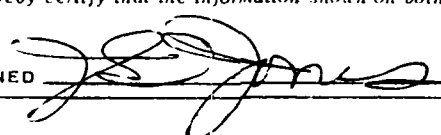
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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

Form C-105
Revised 11-1-66

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		MAY 31 1977	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		O.C.C. ARTESIA, OFFICE	
2. Name of Operator Atlantic Richfield Company		7. Unit Agreement Name	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		8. Farm or Lease Name Robinson Gas Com	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>17S</u> RGE. <u>29E</u> NMPM		9. Well No. 1	
15. Date Spudded 2/13/77		10. Field and Pool, or Wildcat <u>Undesignated</u> Grbg Morrow	
16. Date T.D. Reached 4/11/77		11. County Eddy	
17. Date Compl. (Ready to Prod.) 5/13/77		12. Elevation (D.F., RKB, RT, GR, etc.) 3547.3' GR	
20. Total Depth 11,063'		21. Plug Back T.D. 10,999'	
22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools Cable Tools	
24. Producing Interval(s), at this completion - Top, Bottom, Name 10,911-10,929' Morrow Gas		25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run DLL w/RXO, CNL-FD, CBL/GR Logs		27. Was Well Cored No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE
20" OD	94# H-40	190'	26"
13-3/8" OD	54.5 & 61#	750'	17 1/2"
8-5/8" OD	24 & 32#K-55	3,470'	11"
5-1/2" OD	17#	11,062'	7-7/8"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
			SCREEN
			SIZE
			DEPTH SET
			PACKER SET
31. Perforation Record (Interval, size and number) 10,911, 14, 16, 18, 20, 23, 26, 10,929' (8 - .48" holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 9265' Amount and Kind Material Used Squeeze cmtd w/250 sx Cl C 2% CaCl, 15# Gilsonite, 1/4# flocele Squeeze cmtd w/250 sx Cl C Thick set, 2% CaCl, 15# Gilsonite, 1/2#/ sk flocele (cont'd on Page 2)	
33. PRODUCTION Date First Production 5/13/77 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut in - WOPLC Date of Test 5/18/77 Hours Tested 4-pt Choke Size Variable Prod'n. Per Test Period 7 Oil - Bbl. 7 Gas - MCF 357 Water - Bbl. 0 Gas - Oil Ratio 51:1 Flow Tubing Press. 3052# Casing Pressure Pkr Calculated 24-Hour Rate 42 Oil - Bbl. 42 Gas - MCF 7198 CAOF Water - Bbl. 0 Oil Gravity - API (Corr.) 53.3°			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) SI, WOPLC		Test Witnessed By Joe A. Coleman	
35. List of Attachments Logs as listed in Item 26 above & Inclination Report			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED 		TITLE Dist. Drlg. Supt. DATE 5/26/77	

32. Acid, Shot, Fracture, Cement Squeeze, Etc.

<u>Depth Interval</u>	<u>Amount & Kind Material Used</u>
9265'	Squeeze cmtd w/750 sx Cl C Thik-set cont'g $\frac{1}{2}$ # flocele/sk, 15# Gilsonite/sk & 2% CaCl followed by 150 sx Cl C Neat
9110-9112'	Squeeze cmtd w/50 sx Cl H, .3% Halad 9 followed by 50 sx Cl H Neat
9179-84'	Squeeze cmtd w/100 sx Cl H cont'g .5% Halad 9 followed by 50 sx Cl H Neat
6482-6496'	4000 gals 15% HCL-LSTNE w/iron sequestrant
6482-6496'	Squeeze cmtd w/100 sx Cl C cont'g .5% Halad 9 followed by 100 sx Cl C Neat

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy

T. Canyon

9593'

T. Salt

T. Strawn

10016'

B. Salt

T. Atoka

10284'

T. Yates

T. Miss

T. 7 Rivers

T. Devonian

T. Queen

T. Silurian

T. Grayburg

T. Montoya

T. San Andres

T. Simpson

T. Glorieta

4002'

T. McKee

T. Paddock

T. Ellenburger

T. Blinebry

T. Gr. Wash

T. Tubb

T. Granite

T. Drinkard

T. Delaware Sand

T. Abo

6119'

T. Bone Springs

T. Wolfcamp

7323'

T. Morrow

10678'

T. Penn.

T. Upper Miss.

11004'

T. Cisco (Bough C)

9018'

T. Qjo Alamo

T. Kirtland-Fruitland

T. Pictured Cliffs

T. Cliff House

T. Menefee

T. Point Lookout

T. Mancos

T. Gallup

T. Base Greenhorn

T. Dakota

T. Morrison

T. Todilto

T. Entrada

T. Wingate

T. Chinle

T. Permian

T. Penn. "A"

T. Penn. "B"

T. Penn. "C"

T. Penn. "D"

T. Leadville

T. Madison

T. Elbert

T. McCracken

T. Ignacio Qtzte

T. Granite

OIL OR GAS SANDS OR ZONES

No. 1, from 10,911' to 10,929'

No. 4, from to

No. 2, from to

No. 5, from to

No. 3, from to

No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 900' to 1000' feet. Saltwater flow est @ 2 BPM

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	100	100	Surface & Red Bed	7445	7562	117	Lime, Shale, Chert
100	270	170	Salt & Anhydrite	7562	7845	283	Dolo
270	371	101	Red Bed	7845	8242	397	Lime, Shale
371	750	379	Salt & Anhydrite	8242	8510	268	Lime
750	3005	2255	Lime	8510	8630	120	Lime, Shale, Chert
3005	3144	139	Lime & Anhydrite	8630	8752	122	Lime
3144	3274	130	Lime	8752	9780	1028	Lime, Shale, Chert
3274	3490	216	Lime & Anhydrite	9780	9899	119	Lime, Shale
3490	5763	2273	Lime	9899	9943	44	Lime, Shale, Chert
5763	5900	137	Lime, Shale & Chert	9943	9981	38	Lime
5900	6215	315	Lime	9981	10850	869	Lime & Shale
6215	6317	102	Lime & Dolomite	10850	10876	26	Shale
6317	6450	133	Lime & Shale	10876	10930	54	Shale & Sand
6450	6694	244	Dolomite	10930	11063	133	Lime & Shale
6694	6800	106	Lime & Shale				
6800	6890	90	Dolo				
6890	7134	244	Dolo & Lime				
7134	7445	311	Lime & Shale				

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

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1. PRODUCTION OFFICE

Operator Atlantic Richfield Company MAY 31 1977

Address Box 1710, Hobbs, New Mexico 88240 **O.C.C.**

Reason(s) for filing (Check proper box) **ARTESIAN, OFFICER** Other (Please explain)

New Well ☒ Change in Transporter of: Oil ☐ Dry Gas ☐

Recompletion ☐ Casinghead Gas ☐ Condensate ☐

Change in Ownership ☐

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Robinson Gas Com	1	Underground Grbg Morrow	State, Federal or Fee	B-7596
Location	Section	Township	Range	County
Section Letter <u>E</u>	<u>1850</u>	Feet From The <u>North</u>	Line and <u>660</u>	Feet From The <u>West</u>
Line of Section <u>27</u>	Township <u>17S</u>	Range <u>29E</u>	NMPM, <u>Eddy</u>	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
<u>Scurlock Oil Company</u>	<u>1216 Vaughan Bldg, Midland, TX 79702</u>
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>E 27 17S 29E No - WO PLC</u>

If this production is commingling with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Reservoir	Dist. Field
		☒	☒					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
<u>2/13/77</u>	<u>5/13/77</u>	<u>11,063'</u>	<u>10,999'</u>					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
<u>3547.3' GR</u>	<u>Grbg Morrow Gas</u>	<u>10,911'</u>	<u>10,795'</u>					
Perforations			Depth Casing Shoe					
<u>10,911-10,929'</u>			<u>11,062'</u>					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<u>26"</u>	<u>20" OD</u>	<u>190'</u>	<u>350 sx & 12 yds Redi-mix</u>
<u>17 1/2"</u>	<u>13-3/8" OD</u>	<u>750'</u>	<u>640 sx</u>
<u>11"</u>	<u>8-5/8" OD</u>	<u>3470'</u>	<u>1225 sx</u>
<u>7-7/8"</u>	<u>5-1/2" OD</u>	<u>11,062'</u>	<u>1020 sx</u>
	<u>2-7/8" OD</u>	<u>10,795'</u>	

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
<u>7,198 CAOF</u>	<u>4 hrs</u>	<u>7</u>	<u>53.3°</u>
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
<u>4 pt back pressure</u>	<u>3535 PSIG</u>	<u>Pkr</u>	<u>Variable</u>

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

[Signature]
Accountant I
(Title)
5/26/77
(Date)

OIL CONSERVATION COMMISSION
APPROVED SEP 20 1977
BY W.A. Grassett
TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Atlantic Richfield Company ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
 FIELD _____ LEASE Robinson Gas Com WELL NO. 1
 LOCATION 1850' FNL & 660' FWL, Section 27, T-17-S, R-29-E, Eddy County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES
270	1/4	5610	1-3/4
750	1-1/4	5700	2
1046	1/2	5910	1-3/4
1410	1/2	6365	1-3/4
1725	3/4	6537	1-3/4
2219	1-1/4	6850	1-1/2
2722	1	7169	1-1/4
2980	1	7482	1
3192	3/4	8000	1-1/4
3470	1/2	8488	1-1/4
3700	3/4	8676	1
3940	3/4	8963	1/2
4160	3/4	9732	1/2
4402	3/4	10,069	3/4
4559	3/4	10,522	3/4
4810	3/4	10,812	1/2
5045	3/4	11,060	1/2
5296	1-1/4		

RECEIVED

MAY 31 1977

O. C. C.
ARTESIA, OFFICE

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

[Signature]
Signature

The Ard Drilling Company, Inc.
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared DEAN SIMS, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

[Signature]
Signature

Drilling Superintendent - The Ard Drilling Co., Inc.
Title

Sworn and Subscribed to before me, this the 4th day of May, 1977

Betty Thompson
Notary Public in and for Midland County, Texas.

MY COMMISSION EXPIRES:

June 1, 1977

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

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SEP 2 1977

I. **Atlantic Richfield Company**

Address: **P. O. Box 1710, Hobbs, New Mexico 88240**

Reason for Filing (Check proper box):
 New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
 Recompletion ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☐

Other (Please explain): **O.C.C. Designate dry gas transporter.**

If change of ownership give name and address of previous owner: _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Robinson Gas Com.	Well No. 1	Pool Name, Including Formation Undesignated Grayburg Morrow	Kind of Lease State, Federal or Free State
Location Unit Letter E 1850 Feet From The North Line and 660 Feet From The West Line of Section 27 Township 17S Range 29E NMPM, Eddy County			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Scurlock Oil Company	1216 Vaughn Bldg. Midland, Tex. 79702
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
Transwestern Pipeline Company	Suite 614, 1st Nat'l Bk. Bldg., Odessa, Tex.
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit E Sec. 27 Twp. 17S Rge. 29E	Yes 9-14-77 79761

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Restr.	Diff. Restr.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.C.					
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

[Signature]

(Signature)
Accountant I

(Title)
8-31-77

(Date)

OIL CONSERVATION COMMISSION

APPROVED **SEP 23 1977**, 19_____
BY *[Signature]*

TITLE **SUPERVISOR DISTRICT II**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. DRAWER "DD"

ARTESIA, NEW MEXICO 88210

AIR MAIL

NOTICE OF GAS CONNECTION

DATE September 19, 1977

RECEIVED

SEP 22 1977

This is to notify the Oil Conservation Commission that connection

C.C.C.
ARTESIA, NM Purchase of gas from the Atlantic Richfield Co. Robinson Gas Com.
Operator Lease

Well #1-Unit Letter E . 27-17S-29E . Grayburg Morrow Transwestern .
Well Unit S.T.R. Pool Name of purchaser

*Unknown Eddy County (Morrow)

was made on September 14, 1977 .

Transwestern Pipeline Company

H. N. Aicklen H. N. Aicklen
Representative

Supervisor Gas Purchase Contract Administration
Title

cc: Operator
Oil Conservation Commission - Santa Fe

SF

1977

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10/18/77		RECEIVED		
Company Atlantic Richfield Company ✓				Connection Transwestern Pipe Line				OCT 21 1977	
Pool Undesignated				Formation Morrow				Unit O. C. C.	
Completion Date 05/13/77		Total Depth 11063		Plug Back TD 10,999		Elevation 3544 GL		Form ARTESIAN OFFICE Robinson Gas Com	
Casing Size 5 1/2"	Wt. 17.0	d 4.892	Set At 11,062	Perforations: From 10,911 To 10,929				Well No. 1	
Tubg. Size 2.875"	Wt. 6.5	d 2.441	Set At 10,795	Perforations: From Open Ended To				Unit Sec. Twp. Rge. E 27 17S 29E	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single					Packer Set At 10,775			County Eddy	
Producing Thru Tubing		Reservoir Temp. °F 160 @ 10,920		Mean Annual Temp. °F 60°F		Baro. Press. - P _g 13.2		State New Mexico	
L 10,920	H 10,920	Gg .672	% CO ₂ .27	% N ₂ .70	% H ₂ S 0.00	Prover	Meter Run 4"	Taps Flg.	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g. DWT	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							1388		Packer		96 hrs.
1.	4 x 1.750			622	25	78	669	73			4 hrs.
2.	4 x 1.750			637	18	77	892	77			2-3/4 hrs.
3.	4 x 1.750			622	13	78	1040	77			1 1/2 hrs.
4.	4 x 1.750			617	4	78	1228	75			1 1/2 hrs.
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	14.93	126.02	635.2	.9831	1.220	1.064	2401
2	14.93	108.18	650.2	.9840	1.220	1.065	2065
3	14.93	90.87	635.2	.9831	1.220	1.064	1731
4	14.93	50.21	630.2	.9831	1.220	1.064	957
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 76 Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons 60.3 Deg. Specific Gravity Separator Gas .672 Specific Gravity Flowing Fluid X X X X X Critical Pressure 669 P.S.I.A. Critical Temperature 382 °R		
1	.95	538	1.41	.884			
2	.97	537	1.41	.882			
3	.95	538	1.41	.884			
4	.94	538	1.41	.884			
5							

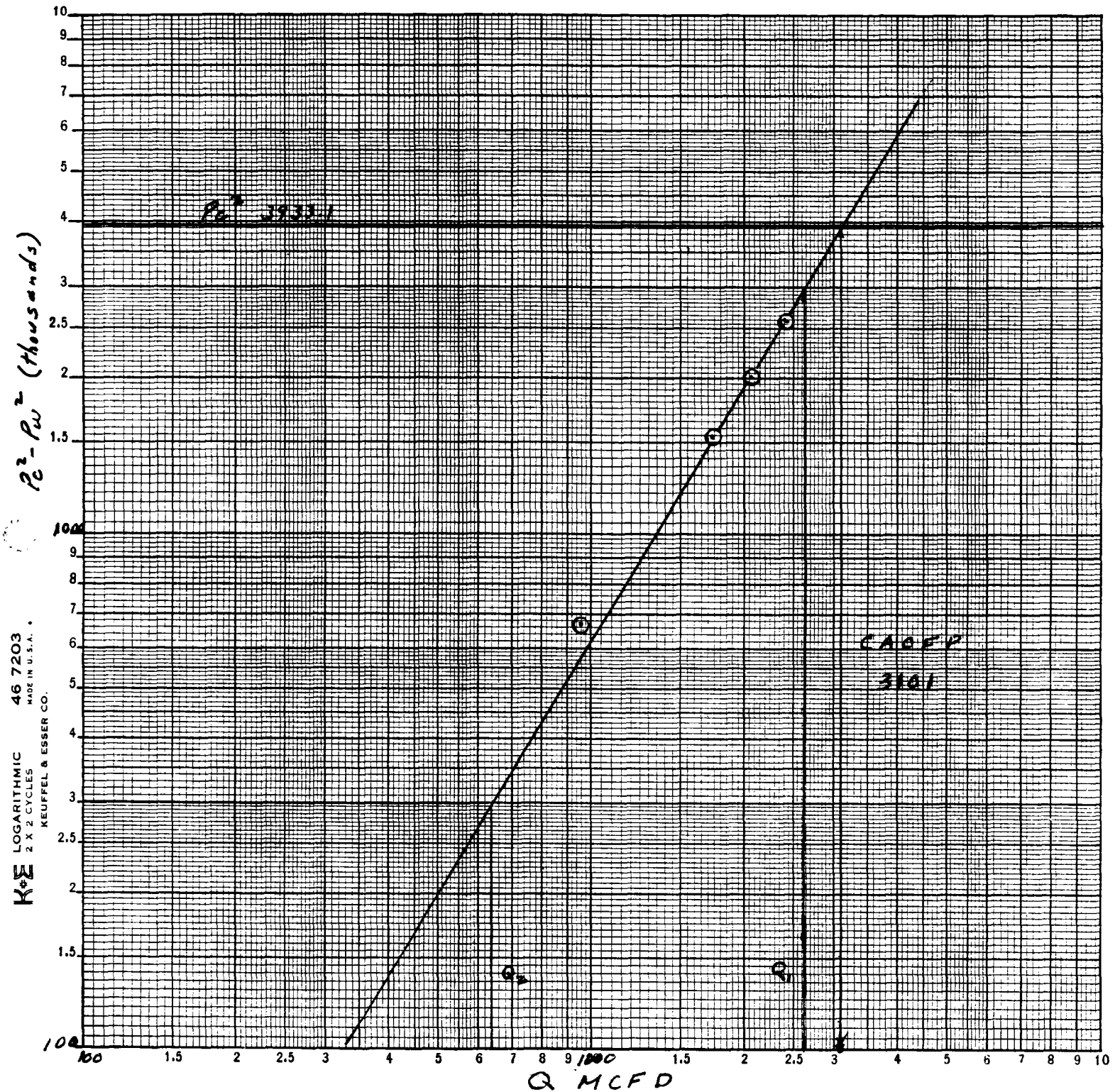
NO.	P _i ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.516$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.292$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3101$
1		1157.2	1339.1	2594.0	
2		1382.2	1910.5	2022.6	
3		1557.2	2424.9	1508.2	
4		1807.2	3266.0	667.1	
5					

Absolute Open Flow 3101 Mcfd @ 15.025	Angle of Slope @ 58.4°	Slope, n .615
---------------------------------------	------------------------	---------------

Remarks: * BHP @ (-7376) 10920 used for pressure calculations

Approved By Commission:	Conducted By: R. Dailey	Calculated By: J. Cogburn	Checked By: L. C. Hudry
-------------------------	-------------------------	---------------------------	-------------------------

ATLANTIC RICHFIELD
 ROBINSON GAS COM. #1
 E-S&C 27-T173-R29E
 EDDY, COUNTY, N.M.
 10-18-77



$$\begin{aligned} \log 2635 &= 3.420781 \\ \log 640 &= 2.806180 \\ \hline n &= 0.614601 \\ &= 0.615 \end{aligned}$$

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87500

Form C-103
Revised 10-1-78

FEB 21 1979

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5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-7596	

SUNDY NOTICES AND REPORTS ON WELL C.C.C.
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG OR ABANDON A WELL OR TO RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Atlantic Richfield Company	8. Farm or Lease Name Robinson Gas Com
3. Address of Operator P.O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 1
4. Location of well: UNIT LETTER <u>E</u> <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>17S</u> RANGE <u>29E</u> N.M.P.M.	10. Field and Pool, or Acreage Grayburg Morrow
11. Elevation (Show whether DF, RT, GR, etc.) 3547.3' GL	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	Grayburg Morrow Only	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	CHANGE PLANS ☐	CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to P & A Grayburg Morrow Gas zone and recomplete in the Atoka Gas in the following manner:

1. Rig up, kill well, install BOP. POH w/completion assy.
2. RIH w/cmt retr, set retr @ 10,800'.
3. Squeeze cmt Morrow perfs 10,911-929' w/150 sx C1 "H" cmt cont'g 5% Halad-9 followed by 75 sx C1 "H" Neat. POH w/cmt tool.

NOTE: Intention to recomplete to Atoka Gas reported separately on C-101.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 2-16-79

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 22 1979

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FEB 21 1979

O. C. C.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No. B-7596	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒ OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Robinson Gas Com	
2. Name of Operator Atlantic Richfield Company ✓		9. Well No. 1	
3. Address of Operator P.O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Grayburg Morrow	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>17S</u> RGE. <u>29E</u> NMPM		12. County Eddy	
19. Proposed Depth <u>10,800'</u>		19A. Formation Atoka Gas	
20. Rotary or C.T. W.O. Rig		21. Elevations (Show whether DF, RT, etc.) 3547.3' GL	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Not Selected	
22. Approx. Date Work will start 2-20-79			

23.

PROPOSED CASING AND CEMENT PROGRAM IN HOLE

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8" OD	54.5 & 61#	750'	640	Circ to Surf
11"	8-5/8" OD	24 & 32#	3470'	1225	Circ to Surf
7-7/8"	5-1/2" OD	17#	11062'	1020	5850'

Propose to complete in the Atoka Gas in the following manner:

1. RIH w/2-7/8" tbg w/Vann perforating tool & pkr. Set pkr @ approx. 10,320'.
2. Drop perforating bar, perforate Atoka w/2 JSPF 10,363-10,365'.
3. Acidize w/2000 gals MS acid. Swab test & put on production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Dist. Drlg. Supt. Date 2-16-79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 22 1979

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PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

RECEIVED

I. OPERATOR

Operator ARCO Oil and Gas Company - Division of Atlantic Richfield Company MAR 14 1979

Address P. O. Box 1710, Hobbs, New Mexico 88240 O. C. C.
ARTESIA, OFFICE

Reason(s) for filing (Check proper box)

New Well ☐	Change in Transporter of:	Other (Please explain)
Recompletion ☐	Oil ☐	Change in Operator Name
Change in Ownership ☐	Casinghead Gas ☐	effective: 4-1-79
	Dry Gas ☐	
	Condensate ☐	

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Robinson Gas Co</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Grayburg Marrow</u>	Kind of Lease State, Federal or Fee <u>State</u>
Location Unit Letter <u>E</u> : <u>1850</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u>			
Line of Section <u>27</u> , Township <u>17S</u> Range <u>29E</u> , NMPM, <u>Eddy</u> County			

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
<u>Scurlock Oil Co.</u>	<u>1216 Vaughn Bldg, Midland, Tex. 79701</u>
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
<u>Transwestern Pipeline Co.</u>	<u>1st Natl Bank Bldg, Suite 614, Odessa, TX 79761</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>E</u> Sec. <u>27</u> Twp. <u>17</u> Rge. <u>29</u>	<u>Yes</u> <u>9-14-77</u>

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
No Change								
Pool	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations							Depth Casing Shoe	
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
No Change			
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

George V. Parks
(Signature)

District Prod & Drlg Supt.
(Title)

3-12-79
(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 24 1979

BY W. G. Gressett

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 1111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form O-103
Revised 10-1-79

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U.S.G.O.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Free ☐
5. State Oil & Gas Lease No.	
B-7596	

SUNDY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR GO DEEPER OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM O-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐		7. Unit Agreement Name
Name of Operator: ARCO Oil and Gas Company ☒ Division of Atlantic Richfield Company		8. Name of Lease Name
Address of Operator: Box 1710, Hobbs, New Mexico 88240		9. Well No.
Location of Well: UNIT LETTER <u>E</u> <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>17S</u> RANGE <u>29E</u>		10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3547.3' GL		12. County
		Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	Grbg Morrow Only

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

RU 5/29/79. Killed well, installed BOP. POH w/compl assy. RIH w/cmt retr, set retr @ 10,800'. Cmt squeezed perfs 10,911-10,929' w/100 sx C1 H cmt cont'g 1/2% Halad followed by 50 sx C1 C Neat cmt. RO 25 sx cmt to pit. Morrow P&A eff 6/3/79.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>10/1/79</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>OCT 1 1 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		

OIL CONSERVATION DIVISION

P. O. BOX **RECEIVED**

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

OCT 3 1979

O. C. C.

ARTESIA, OFFICE

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
(SEE APPLICATION FOR PERMIT, L-1 FORM C-1011 FOR SUCH PROPOSALS.)

OIL ☐

GAS ☐

OTHER ☐

Name of Operator **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company ✓

Address of Operator
Box 1710, Hobbs, New Mexico 88240

Location of Well

UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM

THE West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)

3547.3' GL

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER Perforate, Acidize & Test ☒

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

on 6/4/79 perf'd 5½" csg opposite Atoka 10,363-365' w/2 JSPF = 4 .41" holes. RIH w/2-7/8" disc nipple, Lok-set pkr, ER recept, 2.25" profile, 2-3/8" tbg, "F" nipple, 2.25" profile, 1 jt 2-3/8" tbg, 1 2-7/8" x 2-7/8" CS Hydril x-over, 280 jts 2-7/8" CS hydril tbg. Set pkr @ 10,295', btm tbg @ 10,311'. Dropped 20' bar, gas to surf in 15 mins, flwd to pit to clean up @ low volume. Rec no wtr or distillate. Flwd 2 hrs for stabilization. FTP 10#, ½" ck, 151 MCFD. Acidized perfs 10,363-365' w/36 bbls 7½% MS acid, dropped ball sealers. Press up to 9000# 2 hrs, dropped to 7900#. Rel press to pit. POH w/pkr. Spotted 126 gals 15% acid w/10# brine wtr flush. Perf'd same interval 10,363-10,365' w/2 JSPF = 4 .41" holes. RIH w/pkr, set @ 10,326' & compl assy. Pmpd 2.7 bbls brine. MP 4600#, ISIP 3100#, 5 mins 1050#, 10 mins 300#, 15 mins 150#, SITP vac. Csg 0#. Flwd well 2½ hrs, stabilized FTP 20#, 3/4" ck, ARO 500 MCFD w/show of dist. SIP 2 hrs 900#. Opened up on 3/4" ck, flwd ARO 400 MCFD on 3/4" ck, FTP 28#. 14½ hr SITP 2300#, CP 0#. Rel gas press to pit on 3/4" ck, rec 2 bbls dist, no wtr. Acidized perfs 10,363-365' w/2000 gals 7½% MS acid followed by 1596 gals 2% KCL wtr flush using 1000 SCF Nitrogen/bbl. MP 7600#, ISIP 4900#, 5 mins 4650#. Flwd 2½ hrs w/gas flare, FTP 20#. 11 hr SITP 1840#. Well shut in on 6/26/79. Recompletion unsuccessful, pending approval to P&A. Final Report.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature]

TITLE Dist. Drlg. Supt.

DATE 10/2/79

APPROVED BY [Signature]

TITLE SUPERVISOR, DISTRICT II

DATE OCT 1 1 1979

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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OPERATOR	

OCT 29 1979

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-7596
7. Unit Agreement Name
8. Farm or Lease Name Robinson Gas Com.
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Grayburg Atoka
11. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

O. C. C.

ARTESIA OFFICE

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEPERH OR PLUG JACK TO A DEEPER RESERVOIR.
(SEE APPLICATION FOR PERMIT - 17 (FCM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐	GAS WELL ☒	OTHER ☐
Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		
Address of Operator Box 1/10, Hobbs, New Mexico 88240		
Location of Well UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM the West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E N.M.P.M.		

15. Elevation (Show whether DF, RT, GR, etc.)

3547.3' GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	Atoka Gas zone only ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Rig up, kill well, install BOP & POH w/compl assy.
2. RIH w/WS, land in Model D pkr @ 10,326'. Cmt squeeze perfs 10,363-65' w/50 sx C1 H cmt w/.5% Halad-9 followed by 25 sx C1 H Neat cmt. PO of pkr, spot 10' cmt on top of pkr. P&A Atoka.

Note: Procedures to recomplate to Canyon reported separately on Form C-101.

10. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>10/26/79</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>OCT 30 1979</u>

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 29 1979

O. C. C.
ARTEBIA, OFFICE

Form C-101
Revised 1-4-66

5A. Indicate Type of Lease	
STATE ☒	FIL ☐
6. State Oil & Gas Lease No.	
B-7596	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
a. Type of Work		7. Unit Acreage (Acres)	
b. Type of Well		8. Future Lease Name	
DRILL ☐	DEEPEN ☐	Robinson Gas Com	
c. Gas or Oil		9. Well No.	
GAS ☒	OIL ☐	1	
d. Operator		10. Field and Pool, or Unit	
ARCO Oil and Gas Company		Undesignated	
Division of Atlantic Richfield Company		Grayburg Atoka Coal	
e. Address		11. County	
P. O. Box 1710, Hobbs, New Mexico 88240		Eddy	
f. Location of Well		12. Proposed Depth	
NIT LETTER E LOCATED 1850 FEET FROM THE North LINE		10,316' PB	
660 FEET FROM THE West LINE OF SEC. 27 TWP. 17S RGE. 29E NMPM		13A. Formation	
		Canyon	
		14. History of C.T.	
		W.O. Rig	
21. Existing Production (Oil, Gas, etc.)		21B. Drilling Contractor	
3547.3' GL		Not Selected	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
GCA #8			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20" OD	94# H-40	190'	350 plus 12 yds	Redi-mix Circ.
17½"	13-3/8" OD	54.5 & 61#	750'	640 sx	Circ to surf
11"	8-5/8" OD	24 & 32# K-55	3470'	1225 sx	Circ to surf
7-7/8"	5½" OD	17# N-80 & K-55	11062'	1020 sx	5850'

Propose to plug back & test Canyon interval 9835-50' and treat if necessary. Swab test and put on production. Gas dedicated.

Note: Form C-103 to P&A submitted separately.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed W. A. Gressett Title Dist. Drig. Supt. Date 10/26/79

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 30 1979

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-106
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

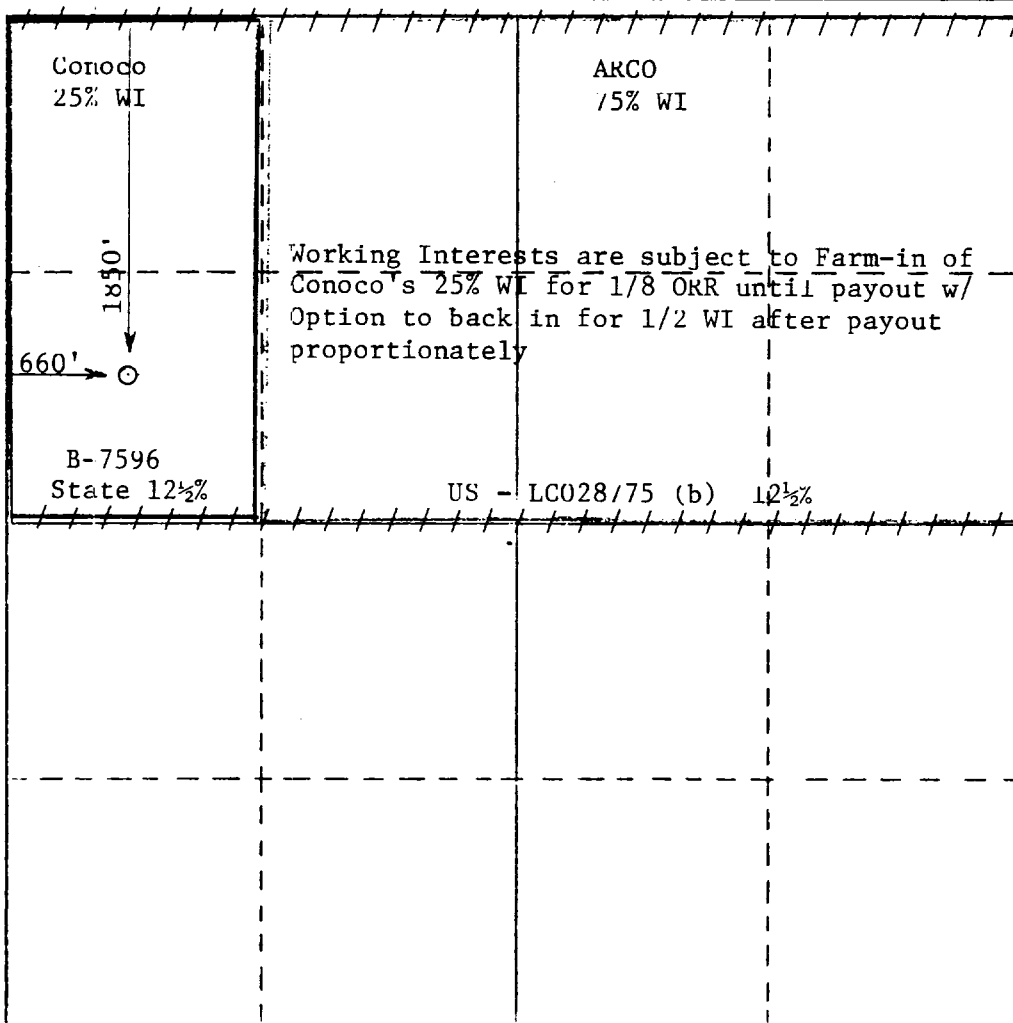
Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company			Lease Robinson Gas Com.		Well No. 1
Unit Letter E	Section 27	Township 17S	Range 29E	County Eddy	
Actual Footage Location of Well: 1850 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3547.3'	Producing Formation Atoka	Pool Atoka Undesignated Grbg Atoka		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Farm-in from Conoco - Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

Dist Drlg. Supt.

ARCO Oil and Gas Company
Division of Atlantic Richfield Company

Date

10/25/79

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

320 240 160 80 0 320 240 160 80 0 320 240 160 80 0

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SANTA FE _____

FILE _____

U.S.G.S. _____

LAND OFFICE _____

TRANSPORTER OIL _____

GAS _____

OPERATOR _____

PRODUCTION OFFICE _____

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-67

NOV 28 1979

I. **PRODUCTION OFFICE**

Name ARCO Oil and Gas Company O. C. C.
Division of Atlantic Richfield Company ARTESIA, OFFICE

Address Box 1710, Hobbs, New Mexico 88240

Reason for filing (check proper box):
 Change in Transporter or: Request for test allowable of 1000 bbls from Canyon perms 9835-9850'
 Change in: X Oil Gas Condensate
 Change in: X Oil Gas Condensate

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Robinson Gas Com. Well No. 1 Field Name, including Formation Wildcat - Canyon Kind of Lease State

Location: E 1850 Feet From The North Line to 660 Feet From The West Line

Section 27 Township 17S Range 29E NMPM Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil _____ or Condensate X Address (Give address to which approved copy of this form is to be sent)
Navajo Crude Oil Purchasing Box 175, Artesia, New Mexico

Name of Authorized Transporter of Gas/Steam Gas _____ or Div. Gas _____ Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks: Unit E Sec. 27 Twp. 17S Rge. 29E Is gas actually connected? No When _____

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X) Oil Well Gas Well New Well Workover Deepen Plug Back Same Res. Diff. Res.

Date Spudded _____ Date Compl. Ready to Prod. _____ Total Depth _____ F.B.T.D. _____

Pool _____ Name of Producing Formation _____ Top Oil/Gas Pay _____ Tubing Depth _____

Perforations _____ Depth Casing Shoe _____

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks _____ Date of Test _____ Producing Method (Flow, pump, gas lift, etc.) _____

Length of Test _____ Tubing Pressure _____ Casing Pressure _____ Choke Size _____

Actual Prod. During Test _____ Oil-Bbls. _____ Water-Bbls. _____ Gas-MCF _____

GAS WELL

Actual Prod. Test-MCF/D _____ Length of Test _____ Bbls. Condensate/MMCF _____ Gravity of Condensate _____

Testing Method (pilot, back pr.) _____ Tubing Pressure _____ Casing Pressure _____ Choke Size _____

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

[Signature]
Sr. Dist. Prod. Supv.
(Title)
11/28/79
(Date)

OIL CONSERVATION COMMISSION

APPROVED NOV 28 1979
BY [Signature]
TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 1111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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LAND OFFICE	
TRANSPORTER	OIL ☐ GAS ☐
OPERATOR	
PRODUCTION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

RECEIVED

JUN 13 1980

I. OPERATOR	
Operator <u>ARCO Oil and Gas Company</u>	
Address <u>Box 1710, Hobbs, New Mexico 88240</u>	
Reason(s) for filing (Check proper box)	
New Well ☐	Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☒	Casinghead Gas ☐ Condensate ☐
Change in Ownership ☐	Other (Please explain) <u>Change lease name only from Robinson Gas Com to F. M. Robinson effective 2/1/80</u>

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>F. M. Robinson</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Wildcat Canyon</u>	Kind of Lease <u>State, Federal or Fee</u>	Lease No. <u>B-7596</u>
Location				
Unit Letter <u>E</u>	<u>1850</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line of Section <u>27</u>	Township <u>17S</u>	Range <u>29E</u>	County <u>Eddy</u>

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
<u>New Mexico Pipeline Company</u>	<u>Box 175, Artesia, New Mexico 88210</u>
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
<u>New Mexico Pipeline Company</u>	<u>Box 175, Artesia, New Mexico 88210</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <u>No</u> When _____

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☐	Gas Well ☐	New Well ☐	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'v. ☐	Diff. Res'v. ☐
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

L. R. Lee
(Signature)
Dist. Dir. Supt.
(Title)
1/25/80
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUN 20 1980
BY W. A. Gressett
TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

OIL CONSERVATION DIVISION

P. O. BOX 2988

SANTA FE, NEW MEXICO 87501

RECEIVED

Form C-103
Revised 10-1-79

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OFFICE	
OPERATION	

JUN 16 1980

O. C. D.

ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-7596
7. Unit Agreement Name
8. Form or Lease Name F. M. Robinson
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Canyon
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - 1 (FORM C-101) FOR SUCH PROPOSALS.)

OIL
WELL ☒GAS
WELL ☐OTHER ☐

Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company
 Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

Location of well
 UNIT LETTER E 1850 FEET FROM THE North LINE AND 660 FEET FROM
West LINE, SECTION 27 TOWNSHIP 17S RANGE 29E NEPTAL

15. Elevation (Show whether DF, RT, CR, etc.)
3547.3' GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐
 OTHER ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING TEST AND CEMENT JOBS ☐
 OTHER ☐

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☒
Atoka Gas only ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) (SEE RULE 1103.)

1. Rigged up on 11/18/79, killed well, installed BOP, POH w/ comp assy.
2. RIH w/ tbg to Mod D pkr @ 10,326'. Squeeze cmtd perfs 10,363-10,365' w/ 50 sx C1 "H" w/ .05% Halad-9 followed by 25 sx C1 "H" Neat cmt. Spotted 30' cmt plug on top of pkr @ 10,326'.
3. Ran GR - Collar log, found no cmt on top of pkr @ 10,326'. Ran & set CIBP @ 10,200' dumped 2 sx cmt on top. Atoka zone P & A eff 11/19/79. Recompletion to Canyon reported separately on Form C-103.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED For: LeROY LANE

TITLE Dist. Drlg. Supt.

DATE 6/13/80

APPROVED BY W. A. Gressett

TITLE SUPERVISOR, DISTRICT II

DATE JUN 20 1980

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
P. O. BOX 2083
SANTA FE, NEW MEXICO 87501Form O-103
Revised 10-1-79

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EL PASO	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ For ☐
5. State Oil & Gas Lease No.
B-7596

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT DEPTH. USE "APPLICATION FOR PERMIT TO DRILL" (FORM O-101) FOR SUCH PROPOSALS.

RECEIVED

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Unit Agreement Name
3. Name of Operator ARCO Oil & Gas Company	3. Farm or Lease Name
Division of Atlantic Richfield Company	F. M. Robinson
4. Address of Operator	9. Well No.
P. O. Box 1710, Hobbs, New Mexico 88240	1
5. Location of Well	10. Field and Pool, or Wildcat
UNIT LIES <u>E</u> <u>1850</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM <u>Wildcat Canyon</u>	
THE <u>West</u> CORNER, SECTION <u>27</u> TOWNSHIP <u>17S</u> RANGE <u>29E</u> N.M.P.M.	
15. Elevation (Show whether DF, RT, CR, etc.)	12. County
3547.3' GL	Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>Perf Treat, Complete</u> ☒	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103.

1. On 11/20/79 perforated Canyon 9835-9850' w/ 4 JSPF.
2. RIH w/ pkr, set pkr @ 9810'. Swbd tbq dry.
3. Acidized perfs 9835-9850' w/ 3000 gals HCL acid, swbd back 418 BW, flwd 104 Bbls Dist in 2 hrs, 250-300# FTP, 8-10% wtr. SITP 2300#. Killed well, POH w/tbg & pkr.
4. RIH w/ comp assy, pkr @ 9809'. Swbd load wtr. Well flwd 8 hrs on 32/64" ck, 40 BNO, 21 BLW, 400# FTP. SITP 1708#.
5. On 24 hr potential test 5/22/80 flwd Canyon perfs 9835-9850' 73 BO, 14 BW, 431 MCFCG on 32/64" ck, FTP 180#. 51° gnty, GOR 5904:1. FINAL REPORT.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED For: LeROY LANE TITLE Dist. Drlg. Supt. DATE 6/13/80APPROVED BY W.A. Guss TITLE SUPERVISOR, DISTRICT II DATE JUN 20 1980

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

ALL COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-7596

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER RECEIVED

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ OTHER ☐3. Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company

JUN 19 1980

4. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240O. C. D.
ARTESIA, OFFICE

5. Location of Well

6. NE CORNER E LOCATED 1850 FEET FROM THE North LINE AND 660 FEET FROM7. West LINE OF SEC. 27 TWP. 17S RGE. 29E NMPM8. Date Drilled 2/13/77 9. Date T.D. Reached 4/11/77 10. Date Compl. (Ready to Prod.) 5/21/80 11. Elevations (DF, RKB, RT, GR, etc.) 3547.3' 12. Elev. Casinghead13. W.O. Commenced 11/20/7914. Total Depth 11,063' 15. Plug Back T.D. 10,200' 16. If Multiple Compl., How Many 23 17. Intervals Drilled By Rotary Tools 18. Cable Tools 0-11,063'19. Producing interval(s), of this completion - Top, Bottom, Name
9835-9850' Canyon

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DLL w/ RXO, CNL-FD, CBL/GR

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
20" OD	94# H-40	190'	26"	350 sx plus 12 yds Redi-mix	
13-3/8" OD	54.5 & 61#	750'	17 1/2"	640 sx	
8-5/8" OD	24 & 32# K-55	3470'	11"	1225 sx	
5 1/2" OD	17#K-55 & N-80	11,062'	7-7/8"	1020 sx	

23. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	9809'	9809'

24. Perforation Record (Interval, size and number)

9835-9850 = 4 JSPF - 60- .48" holes

25. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

26. DEPTH INTERVAL 9835-9850' AMOUNT AND KIND MATERIAL USED 3000 gals HCL acid

27. PRODUCTION

28. First Production 11/26/79 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-In- WOPLC

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/22/80	24 hrs	32/64"		73	431	14	5904:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - KPI (Corr.)	
180#	Pkr		73	431	14	51°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Phil A. Call

30. List of Attachments

Logs & Inclination Report furnished on original completion date

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED For: LEROY LANETITLE Dist. Drlg. Supt.DATE 6/13/80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon <u>9593'</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>10016'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>10284'</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta <u>4002'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Padlock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Elinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilte _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>6119'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>7323'</u>	T. Morrow <u>10678'</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Upper Misi. <u>11004'</u>	T. Permian _____	T. _____
T. Cisco (Bough C) <u>9018'</u>	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>9835'</u> to <u>9850'</u>	No. 4, from _____ to _____
No. 2, from <u>10,911'</u> to <u>10,929'</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>900'</u> to <u>1000'</u> feet	Salt water flow est. @ 2 BPM
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	100	100	Surface & Red Bed	7134	7445	311	Lime & Shale
100	270	170	Salt & Anhydrite	7445	7562	117	Lime, Shale, Chert
270	371	101	Red Bed	7562	7845	283	Dolo
371	750	379	Salt & Anhydrite	7845	8242	397	Lime, Shale
750	3005	2255	Lime	8242	8510	268	Lime
3005	3144	139	Lime & Anhydrite	8510	8630	120	Lime, Shale, Chert
3144	3274	130	Lime	8630	8752	122	Lime
3274	3490	216	Lime & Anhydrite	8752	9780	1028	Lime, Shale, Chert
3490	5763	2273	Lime	9780	9899	119	Lime, Shale
5763	5900	137	Lime, Shale & Chert	9899	9943	44	Lime
5900	6215	315	Lime	9943	9981	38	Lime
6215	6317	102	Lime & Dolo	9981	10850	869	Lime & Shale
6317	6450	133	Lime & Shale	10850	10876	26	Shale
6450	6694	244	Dolo	10876	10930	54	Shale & Sand
6694	6800	106	Lime & Shale	10930	11063	133	Lime & Shale
6800	6890	90	Dolo				
6890	7134	244	Dolo & Lime				

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	GAS
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

RECEIVED

JUN 19 1980

I. PRORATION OFFICE

Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company

Address
P. O. Box 1710, Hobbs, New Mexico 88240

Reason(s) for filing (Check proper box) Other (Please explain)

New Well: ☐ Change in Transporter of:
 Recombination: ☒ Oil ☐ Dry Gas ☐
 Change in Ownership: ☐ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>F. M. Robinson</u>	Well No. <u>1</u>	Pool Name, Including Formation <u>Undesignated Canyon</u>	Kind of Lease State, Federal or Fee <u>State</u>	Lease No. <u>B-7596</u>
Location Unit Letter <u>E</u> <u>1850</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line of Section <u>27</u> Township <u>17S</u> Range <u>29E</u> NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
<u>Navajo Crude Oil Purchasing Co.</u>	<u>Box 175, Artesia, N. M. 88210</u>
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>E 27 17 29 No</u>

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☐	Workover ☐	Deepen ☐	Plug Back ☒	Same Res'v. ☐	Diff. Res'v. ☒
Date Spudded <u>2-13-77</u>	Date Compl. Ready to Prod. <u>5/21/80</u>	Total Depth <u>11,063'</u>	P.B.T.D. <u>10,200'</u>					
W.O. Commenced <u>11/20/79</u>	Name of Producing Formation <u>Canyon</u>	Top Oil/Gas Pay <u>9835'</u>	Tubing Depth <u>9809'</u>					
Elevations (DF, RKB, RT, GR, etc.) <u>3547.3' GR</u>			Depth Casing Shoe <u>11,062'</u>					
Perforations <u>9835-9850'</u>								
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
<u>26"</u>	<u>20" OD</u>	<u>190'</u>	<u>350 + 12 yds R-M</u>					
<u>17 1/2"</u>	<u>13-3/8" OD</u>	<u>750'</u>	<u>640</u>					
<u>11"</u>	<u>8-5/8" OD</u>	<u>3470'</u>	<u>1225</u>					
<u>7-7/8"</u>	<u>5 1/2" OD</u>	<u>11,062'</u>	<u>1020</u>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <u>11/26/79</u>	Date of Test <u>5/22/80</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Flow</u>	
Length of Test <u>24 hrs</u>	Tubing Pressure <u>180#</u>	Casing Pressure <u>Pkr</u>	Choke Size <u>32/64"</u>
Actual Prod. During Test <u>87 Bbls</u>	Oil - Bbls. <u>73</u>	Water - Bbls. <u>14</u>	Gas - MCF <u>431</u>

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

For: LEROY LAINE

(Signature)

Dist. Drlg. Supt.

(Title)

6/13/80

(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 11 1981, 19

BY J. D. Gussert

TITLE SEPARATION, ...

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 1111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT JUN 24 1980

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator ARCO Oil & Gas Company ✓ Division of Atlantic Richfield			Lease F. M. Robinson		O. C. D. ARTESIA, OFFICE 1	Well No.
Unit Letter E	Section 27	Township 17S	Range 29E	County Eddy		

Actual Point Location of Well:

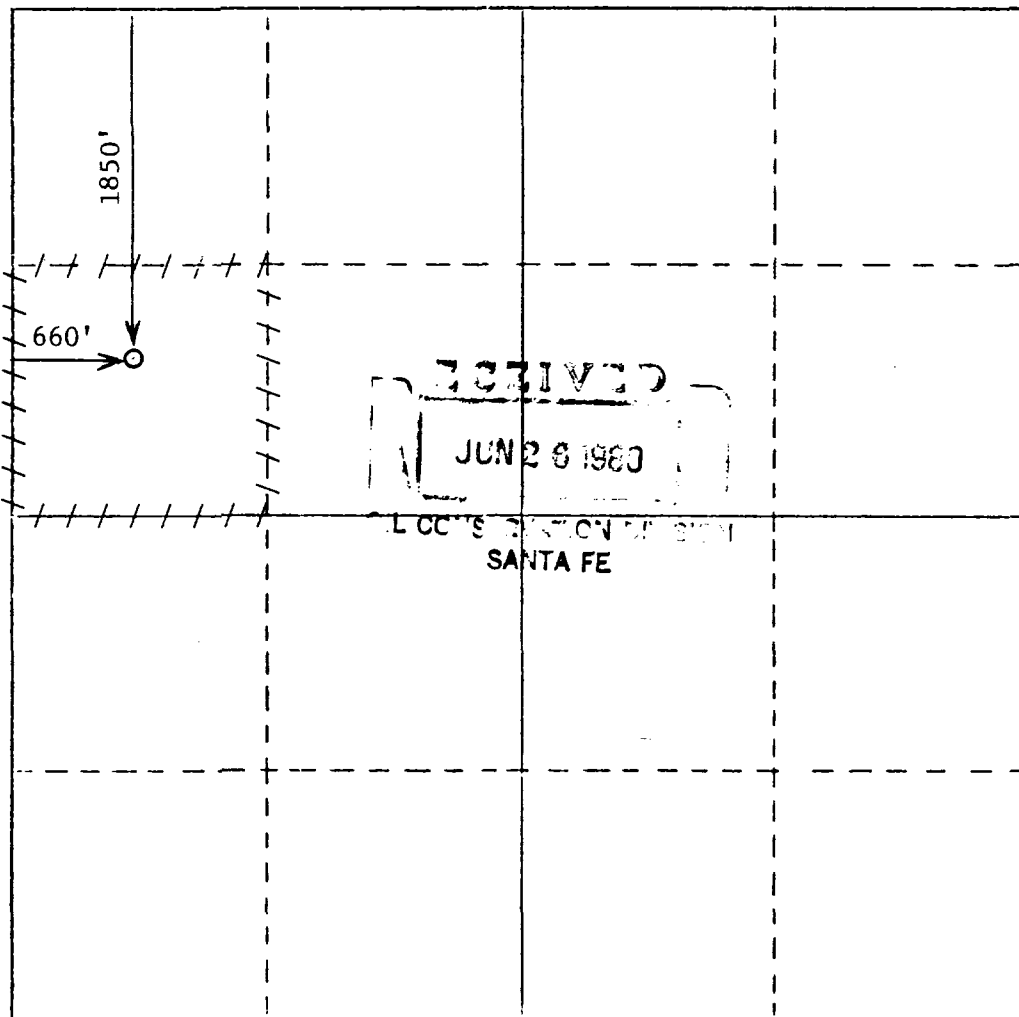
1850 feet from the North line and	660 feet from the West line
Round Level Elev. 3547.3'	Forming Formation Canyon
Feet Wildcat Canyon	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *D. L. Shackelford*
Position Engrg. Tech. Spec.
Company ARCO Oil & Gas Co.
Division of Atlantic Richfield
Date 6/23/80

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer
and/or Land Surveyor

Signature _____

500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

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GAS	☐
OPERATOR	☐
PRORATION OFFICE	☐

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

RECEIVED

JUL 7 1980

O. C. D.

ARTESIA OFFICE

I. OPERATOR

Operator ARCO Oil & Gas Co.
 Division of Atlantic Richfield Co.

Address P.O. Box 1710, Hobbs, New Mexico 88240

Reason(s) for filing (Check proper box)

New Well ☐	Change in Transporter of:	Other (Please explain) Please assign a 300 bbl oil testing allowable during the month of July 1980 to test and complete well.
Recompletion ☐	Oil ☐	
Change in Ownership ☐	Casinghead Gas ☐	Condensate ☐

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>F.M. Robinson</u>	Well No., Pool Name, including Formation <u>1 Wildcat Canyon</u>	Kind of Lease State, Federal or Fee	State <u>State</u>	Lease No. <u>B-7596</u>
Location				
Unit Letter <u>E</u>	<u>1850</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u>			
Line of Section <u>27</u>	Township <u>17S</u>	Range <u>29E</u>	NMPM, <u>Eddy</u>	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
<u>Navajo Crude Oil Purchasing</u>	<u>Box 175, Artesia, New Mexico 88210</u>
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When To be connected when sales outlet is available
	<u>E 27 17S 29E No</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☐	Gas Well ☐	New Well ☐	Workover ☐	Deepen ☐	Plug Back ☐	Same Res'v. ☐	Diff. Res'v. ☐								
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.													
Elevations (DF, RKB, RT, GR, etc.,)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth													
Perforations		Depth Casing Shoe														
RECEIVED TUBING, CASING, AND CEMENTING RECORD <table border="1"> <tr> <td>HOLE SIZE</td> <td>CASING & TUBING SIZE</td> <td>DEPTH SET</td> <td>SACKS CEMENT</td> </tr> <tr> <td><u>JUL 1 1980</u></td> <td></td> <td></td> <td></td> </tr> </table>									HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	<u>JUL 1 1980</u>			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT													
<u>JUL 1 1980</u>																
OIL CONSERVATION DIVISION SANTA FE																

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

D. L. Shadelford
 (Signature)
 Engrg. Tech. Spec.
 7-3-80
 (Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 10 1980

BY *W. B. Gracett*

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 1111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NO. OF COPIES RECEIVED	
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SANTA FE	☒
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	☐ OIL ☐ GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-81

APR 22 1981

O. C. O.
ARTESIA OFFICE

I. Operator ARCO Oil & Gas CO.
Division of Atlantic Richfield Co.

Address P.O. Box 1710, Hobbs, NM 88204

Reason(s) for filing (Check proper box):
 New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
 Recompletion ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☐ Other (Please explain): Designate initial transporter of casing head gas eff: 4-21-81.

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name F.M. Robinson Well No. 1 Pool Name, Including Payment Wildcat Canyon Kind of Lease State, Federal, or Fee State State Lease No. B-7596

Location
 Unit Letter E 1850 Feet From The North Line and 660 Feet From The West Line of Section 27 Township 17S Range 29E, NMPM, Eddy County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐
Navajo Crude Oil Purchasing Address (Give address to which approved copy of this form is to be sent) Box 175, Artesia, NM 88210

Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐
Phillips Petroleum Co. Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, TX 79760

If well produces oil or liquids, give location of tanks. Unit E Sec. 27 Twp. 17S Rge. 29E Is gas actually connected? Yes When 4-21-81

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X) Oil Well ☒ Gas Well ☐ New Well ☐ Workover ☐ Deepen ☐ Plug Back ☐ Same Res'ty. ☐ Diff. Res'ty. ☐

Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D.

Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth

Perforations Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bble.	Water-Bble.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

W. L. Shackelford
(Signature)

Engrg. Tech. Spec.

(Title)

4-21-81

(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 24 1981, 19

BY W. L. Shackelford

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

RECEIVED
MAY 1 1981
DATE: April 29, 1981
OIL CONSERVATION
SANTA FE

OIL CONSERVATION COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Arco Oil & Gas Company
Operator

F. M. Robinson, E, 27-17-29, Wildcat/Canyon
Lease Well Unit S. T. R. Pool

Phillips Petroleum Company, was made on April 21, 1981.
Name of Purchaser

Phillips Petroleum Company

W. D. Steinbeck
W. D. Steinbeck-Representative

Production & Clerical Supervisor

cc: To Operator

Oil Conservation Commission - Santa Fe ✓

OIL CONSERVATION DIVISION

RECEIVED BY

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

JAN 10 1986

REQUEST FOR ALLOWABLE

AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Marbob Energy Corporation ✓

P.O. Drawer 217, Artesia, New Mexico 88210

Reason for filing (Check proper box)

New Well

Change in

Range in

Ownership

Change of

Ownership

Change of

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Change in Transporter of:

Oil

Casinghead Gas

Dry Gas

Condensate

Other (Please explain)

Effective 11/1/85

Change of ownership give name and address of previous owner ARCO Oil & Gas Co., P.O. Box 1710, Hobbs, N.M. 88240

DESCRIPTION OF WELL AND LEASE

Well No. 1 Pool Name, including Formation Grayburg-Upper Penn Kind of Lease State, Federal or Fee State Lease No. B-7596

Location E 1850 Feet From The North Line and 660 Feet From The West

Line of Section 27 Township 17S Range 29E NMFM. Eddy County

SIGNATURE OF TRANSPORTER OF OIL AND NATURAL GAS

Signature of Transporter of Oil or Condensate Address (Give address to which approved copy of this form is to be sent)

Signature of Transporter of Casinghead Gas or Dry Gas Address (Give address to which approved copy of this form is to be sent)

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CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Carolyn Russell
(Signature)

Production Clerk

(Title)

1/9/86

(Date)

OIL CONSERVATION DIVISION

APPROVED JAN 22 1986

BY [Signature]

TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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Separate Forms C-104 must be filed for each pool in multiply completed wells.

Petroleum Information.

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COUNTY	EDDY	FIELD	Grayburg	STATE	NM
OPR	ATLANTIC RICHFIELD CO.			API	30-015-22037
NO	1	LEASE	Robinson Gas Com.	MAP	
	Sec 27, T17S, R29E			CO-ORD	
	1850' FNL, 660' FEL of Sec				
	4 mi W/Loco Hills			SPD	2-13-77
				CMP	5-18-77
CSG	WELL CLASS		INIT	D	FIN
20" at 190' w/350 sx	FORMATION		DATUM	FORMATION	DATUM
13 3/8" at 750' w/650 s					
8 5/8" at 3470' w/975 s					
5 1/2" at 11,062' w/100 sx					
	TD 11,063' (MSSP)		PBD	10,999'	
IP (Morrow) Perfs 10,911-929 CAOF 7198 MCFGPD. GOR 50,976;					
gty (gas) .672; (cond) 53.3; SIWHP 3535#					

CON'R Ard Drlg. OPRSELEV 3547' GL, 3565' KB PD 11,150' RT

	F.R. 2-7-77
	(Morrow)
2-17-77	Drlg 600'
2-24-77	Drlg 3390'
3-3-77	Drlg 4775'
3-10-77	Drlg 6315'
3-17-77	Drlg 8866'
3-28-77	TD 9732'; Lost Circ
3-30-77	Drlg 10,022'
4-6-77	Drlg 10,640'
4-15-77	TD 11,063'; WOC
4-22-77	TD 11,063'; WOCU
4-29-77	TD 11,063'; Tstg
	Perf (CSCO) 9179-84' w/2 SPF
	Swbd 145 BW in 10 mins (9179-84')
5-6-77	TD 11,063'; PBD 10,999'; SPF
	Sqzd 9179-84' w/100 sx 6-2-5 NM

EDDY
ATLANTIC RICHFIELD CO.

Grayburg
1 Robinson Gas Com.
Sec 27, T17S, R29E

NM
Page #2

5-6-77 Continued
Perf (Abo) 6482-86', 6490-96' w/2 SPF
Acid (6482-96') 4000 gals
Swbd 88 BLW + 76 BW w/trace oil in 11 hrs
(6482-96)
5-11-77 TD 11,063' ; PBD 10,999'; Prep Drill Cmt
Sqzd 648'-96' w/100 sx
DO to 10,999'
5-20-77 TD 11,063'; PBD 10,999'; WOSP
Perf (MRRW) @ 10,911', 10,914', 10,916',
10,918', 10,920', 10,923', 10,926', 10,929'
w/1 SPI
CAOF 7198 MCFGPD (10,911-29')

6-2-5 NM

6-6-77

TD 11,063'; PBD 10,999'; Complete
(Morrow) FOUR POINT GAUGES:
Flwd 1403 MCFGPD, 9/64" chk, 90 mins, TP 3260#
Flwd 1836 MCFGPD, 10/64" chk, 60 mins, TP 3152#
Flwd 2311 MCFGPD, 12/64" chk, 60 mins, TP 3015#
Flwd 3014 MCFGPD, 14/64" chk, 60 mins, TP 2779#
LOG TOPS: Glorieta 4002', Abo 6119', Wolfcamp
7323', Cisco 9018', Canyon 9593', Strawn 10,016',
Atoka 10,284', Morrow 10,678', Upper
Mississippian 11,004'
LOGS RUN: DILL, CNDL, FDC
BHT 138 deg
COMPLETION ISSUED

6-11-77

6-2-5 NM
IC 30-015-70043-77



Petroleum Information.

RE-ISSUED COMPLETION

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COUNTY EDDY FIELD Grayburg STATE NM
 OPR ATLANTIC RICHFIELD CO. API 30-015-22037
 NO 1 LEASE Robinson Gas Com. MAP
Sec 27, T17S, R29E COORD
1850 FNL, 660 FWL of Sec 6-2-5 NM
4 mi W/Loco Hills SPD 2-13-77 CM 5-18-77

CSC	WELL CLASS: INIT D FIN D GLSE. CODE			
	FORMATION	DATUM	FORMATION	DATUM
20-190-350 sx				
13 3/8-750-650 sx				
8 5/8-3470-975 sx				
5 1/2-11, 062-1020 sx				
	ID 11,063 (MSSP)		PHI 10,999	

IP (Morrow) Perfs 10,911-929 CAOF 7198 MCFGPD. GOR 50,976;
 gty (Gas) .672; (cond) 53.3; SIWHP 3535; SIBHP (NR)

CONTR Ard Drlg. OPERSTEV 3547 GL, 3565 KB. sub-s 16

F.R. 2-7-77
 PD 11,150 RT (Morrow)
 2-17-77 Drlg 600
 2-24-77 Drlg 3390
 3-3-77 Drlg 4775
 3-10-77 Drlg 6315
 3-17-77 Drlg 8866
 3-28-77 TD 9732; Lost Circ.
 3-30-77 Drlg 10,022
 4-6-77 Drlg 10,640
 4-15-77 TD 11,063; WOC
 4-22-77 TD 11,063; WOCU
 4-29-77 TD 11,063; Tstg
 Perf (Cisco) 9179-84 w/2 SPF
 Swbd 145 BW in 10 mins (9179-84)
 5-6-77 TD 11,063; PBD 10,999; Prep Sqze
 Sqzd (9179-84) 100 sx
 6-2-5 NM

EDDY
ATLANTIC RICHFIELD CO. 1 Robinson Gas Com.
Grayburg
Sec 27, T17S, R29E

NM
Page#2

5-6-77 Continued
Perf (Abo) 6482-86, 6490-96, w/2 SPF
Acid (6482-96) 4000 gals
Swbd 88 BLW + 76 BW w/tr oil in 11 hrs
(6482-96)
5-11-77 TD 11,063; PBD 10,999; prep drill cmt
Sqzd (6482-96) 100 sx
DO to 10,999
5-20-77 TD 11,063; PBD 10,999; WOSP
Perf (Morrow) @ 10,911, 10,914, 10,916, 10,918,
10,920, 10,923, 10,926, 10,929 w/1 SPI
Natural
CAOF 7198 MCFGPD (10,911-929)

6-2-5 NM

6-6-77 TD 11,063; PBD 10,999; Complete
(Morrow) FOUR POINT GAUGES:
Flwd 1403 MCFGPD, 9/64 chk, 90 mins, TP 3260
Flwd 1836 MCFGPD, 10/64 chk, 60 mins, TP 3152
Flwd 2311 MCFGPD, 12/64 chk, 60 mins, TP 3015
Flwd 3014 MCFGPD, 14/64 chk, 60 mins, TP 2779
LOG TOPS: Glorieta 4002, Abo 6119, Wolfcamp
7323, Cisco 9018, Canyon 9593, Strawn 10,016,
Atoka 10,284, Morrow 10,678, Upper Mississippian
11,004
LOGS RUN: DILL, CNDL, FDC
BHT 138 deg
6-11-77 COMPLETION ISSUED
11-7-81 RE-ISSUE TO AMEND LOCATION: Formerly
reported as 1850 FNL, 660 FEL of Sec
6-2-5 NM
IC 30-015-79043-77

THE FIRST PART OF THE FIRST VOLUME

OF

THE SECOND PART OF THE SECOND VOLUME

THE THIRD PART OF THE THIRD VOLUME

OF

THE FOURTH PART OF THE FOURTH VOLUME

OF

THE FIFTH PART OF THE FIFTH VOLUME

THE SIXTH PART OF THE SIXTH VOLUME

THE SEVENTH PART OF THE SEVENTH VOLUME

THE EIGHTH PART OF THE EIGHTH VOLUME

THE NINTH PART OF THE NINTH VOLUME

THE TENTH PART OF THE TENTH VOLUME

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THE TWELFTH PART OF THE TWELFTH VOLUME

THE THIRTEENTH PART OF THE THIRTEENTH VOLUME

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THE NINETEENTH PART OF THE NINETEENTH VOLUME

THE TWENTIETH PART OF THE TWENTIETH VOLUME

THE TWENTY-FIRST PART OF THE TWENTY-FIRST VOLUME

THE TWENTY-SECOND PART OF THE TWENTY-SECOND VOLUME

THE TWENTY-THIRD PART OF THE TWENTY-THIRD VOLUME

THE TWENTY-FOURTH PART OF THE TWENTY-FOURTH VOLUME

THE TWENTY-FIFTH PART OF THE TWENTY-FIFTH VOLUME

THE TWENTY-SIXTH PART OF THE TWENTY-SIXTH VOLUME

THE TWENTY-SEVENTH PART OF THE TWENTY-SEVENTH VOLUME

1. The first part of the document is a list of the names of the persons who were present at the meeting.

2. The second part of the document is a list of the names of the persons who were absent from the meeting.

3. The third part of the document is a list of the names of the persons who were present at the meeting.

4. The fourth part of the document is a list of the names of the persons who were absent from the meeting.

5. The fifth part of the document is a list of the names of the persons who were present at the meeting.

6. The sixth part of the document is a list of the names of the persons who were absent from the meeting.

7. The seventh part of the document is a list of the names of the persons who were present at the meeting.

8. The eighth part of the document is a list of the names of the persons who were absent from the meeting.

9. The ninth part of the document is a list of the names of the persons who were present at the meeting.

10. The tenth part of the document is a list of the names of the persons who were absent from the meeting.

11. The eleventh part of the document is a list of the names of the persons who were present at the meeting.

12. The twelfth part of the document is a list of the names of the persons who were absent from the meeting.

13. The thirteenth part of the document is a list of the names of the persons who were present at the meeting.

14. The fourteenth part of the document is a list of the names of the persons who were absent from the meeting.

15. The fifteenth part of the document is a list of the names of the persons who were present at the meeting.

16. The sixteenth part of the document is a list of the names of the persons who were absent from the meeting.

17. The seventeenth part of the document is a list of the names of the persons who were present at the meeting.

18. The eighteenth part of the document is a list of the names of the persons who were absent from the meeting.

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD HP	ACCU.
FEDERAL F GAS CUM 1G 318527E GAS WAT						6549 252							6549 252	6549
PECOS GAS COM 1K3524528E GAS	135210	33669	82	493	EDDY UNDESIGNATED GROUP 4								169454	173635
TELESZYNE 8 1K 823529E GAS														3874
TELEDYME 17 1N1723529E GAS	97949	85201	80267	84888	84515	77823	78696	66881	72049	72960	68009	62108	931346	2087557
TELEDYME 18 1J1823529E GAS	3173	3998	3874	3540	4876	9025	6785	4192	3340	2273	430	363	45869	68641
COMPANY TOTAL	211	22	27	18	20	19	41	28	710	58	123	119	1215	1452
MORRIS R. AMTWEIL DINKUS COM 1K2818525E GAS OIL	2146	1000	2301	1547	1387	1136	1268	1268	1457	1873	1472	1317	17872	119595
PERRY 9 BAS BIG EDDY UNIT 71F 722529E GAS WAT									2939 42	3851	2652 4	2226 3	11668 49	11668
W C BLANKS BIG EDDY UNIT 67L1521530E GAS														1458
CITIES SERVICE COMPANY GOVERNMENT 1 2E2721527E GAS OIL	2554	1998	1823	1604	1668	1931	2216	1985	2276	1846 3	1728	1963	23592 39	58609 107
TRACY E COM 1E3021527E GAS OIL														24808 102
COMPANY TOTAL	2554	1998	1823	1604	1668	1931	2216	1985	2276	1846 3	1728	1963	23592 39	83417 209
DINERO OPERATING CO. LITTLE SQUAM COM 2N2722528E GAS OIL	2465	2034	1806	1627	1573	1481	1514	990	861	808	1245	818	17222 27	51118 96
ROBERT W. ENFIELD NORTH AK. MCWILLAN 1J1219526E GAS OIL	2795	546	2108	1360	5055	2383	2946	3377	1448	502	346	364	23230 88	64595 302
GETTY OIL COMPANY GETTY FEDERAL 24 1G2422531E GAS												4680	4680	4680
GULF OIL CORPORATION EDDY GAS STATION 1E1623528E GAS WAT								773	295	321	1796 13	114 6	3299 19	3700
PENNZOIL COMPANY PENN FEDERAL 1F3120530E GAS OIL	803	927	696	746	447	764	632	630	541	616	789	698	8291	169245 326
SOUTHLAND ROYALTY COMPANY EMPIRE A FED. COM- 1C2718529E GAS OIL							45053 31	36934 537		59117 851	64607 899	65514 850	271225 3736	271225 3736
SUN OIL COMPANY OF DELAWARE CHARLOTTE MAY FED. 1H2520524E GAS		750										6338	6487	13575
YATES PETROLEUM CORPORATION REDDY TRIMBLE FED. 1H3519527E GAS OIL		126								1105 4	1115 6		2346 4	2686 4
HARVEY E. YATES CO. AMCO 22 STATE 2G2223527E GAS OIL	36725	32006	13644	17279	29015	14660	25809	25182	22578	22964	19225	16976	276063	291733
EDDY UND CANYON (GAS)														
ARCO OIL & GAS COMPANY F M ROBINSON A UNIT II 1E2717529E GAS OIL							2271 383						2271 383	2271 766
CITIES SERVICE COMPANY GOVERNMENT 3 1H 320528E GAS														
STATE 111620528E GAS OIL														104 118
COMPANY TOTAL														118 1081
EXXON CORPORATION SOUTH CARLSBAD GAS COM NO 3 1C2623526E GAS														8097
DAVID FASKE ARCO 4 MATLOCK 1J 419525E GAS OIL														1600
TEXAS INTERNATIONAL PETROLEUM CORP. ALLIED STATE 111023526E GAS OIL														375317 1081
YATES PETROLEUM CORPORATION FEDERAL 101920525E GAS WAT				17	24	14	50	11	22	20	27		185	185
FEDERAL HQ 1M 521522E GAS OIL	11	414	37	737	539	706	455	102	580	265	84	287	4217	12766
SCOUT EM FEDERAL COM 212718525E GAS				58		18	14		2	14			121	93
COMPANY TOTAL	11	414	54	761	553	756	466	124	580	285	111	287	4402	12951
EDDY UND CISCO (GAS)														
CITIES SERVICE COMPANY LITTLE BOX CANYON UNIT 3B 721522E GAS OIL	3888	3876	3643	3341	3624	3175	3417	4321	5107	5520	4481	5075	49448	174448
EDDY UND DELAWARE (GAS)														
G AND K PETROLEUM INC AIRPORT FED COM WEST V 1H2922526E GAS OIL														30050 480

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CONTINUED GRAYBURG JACKSON QUEEN SA																PAGE 237		
WELL	S	T	R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.	
3C1617530E	OIL			53	35	38	243	543	384	266	210	191	197	142	141	2443P	29953	
	WAT			239	158	171	618	1086	768	1197	826	751	775	653	649	7891		
401617530E	OIL			53	53	58	76	65	31	66	56	51	53	57	59	678P	22935	
	WAT			345	194	213	764	650	233	495	392	357	371	371	384	4769		
5H1617530E	OIL			1010	669	706	894	434	298	299	308	280	271	285	283	5737P	43180	
	GAS			1040	908	1025	1046	1344	1269	1296	1176	957	1116	1012	904	13087		
	WAT			1914	1268	1338	2682	1302	944	1163	812	738	714	1511	1500	15836		
COMPANY TOTAL	OIL			2788	2379	3525	3508	3161	2702	2733	2581	2490	2507	2446	2438	33258	1580449	
	GAS			18165	16113	20557	23069	19270	16083	19602	18363	17258	17515	14087	14511	214593		
	WAT																	

VIKING ENERGY CORP.																		
ARCO FEDERAL																		
181017531E	OIL			LAST PROD. DATE 01/79													U	127

RAY & GAREL R WESTALL																		
VOLA FEDERAL																		
1M 117531E	OIL			225	122	150	200	195	200	205	208	212	150	69	74	2010P	8418	
	WAT			30	3	4	30	30	30	30	30	30	30	30	30	307		
2L 117531E	OIL			58	22	63	75	70	21	25	25	27	25	69	74	554P	1811	
	WAT			30	3	3	30	30	30	30	30	30	30	30	30	306		
3N 117531E	OIL			200	100	150	178	170	150	160	162	167	126	69	75	1107P	2824	
	WAT			30	4	3	30	30	30	30	30	30	30	30	30	307		
COMPANY TOTAL	OIL			483	244	363	453	435	371	390	395	406	301	207	223	4271	13053	
	WAT			90	10	10	90	90	90	90	90	90	90	90	90	920		

RAY WESTALL																		
ARCO FEDERAL																		
1J 117531E	OIL			180	196	177	171	69	165	134	192	75	94	125	135	1713P	4707	
	GAS			1003	888	1010	938	967	907	952	779	601	837	763	800	10445		
	WAT			15	15	15	15	15	15	15	15	15	15	15	15	165		
2G 117531E	OIL			179	195	176	170	68	164	134	192	75	93	126	122	1694P	4364	
	GAS			1004	889	1009	938	968	908	953	779	601	837	763	800	10449		
	WAT			15	15	15	15	15	15	15	15	15	15	15	15	165		
V L FOSTER																		
3H1717531E	OIL			2	22	115	56	34	7	69	3	33	33	30	26	430P	42490	
6G1717531E	OIL			INJECTION WELL													I	6829
HUDSON																		
2H1817531E	OIL			116	103	130	117	155	95	130	110	100	81	86	96	1319P	146540	
	WAT			30	30	30	30	30	30	30	30	30	30	30	30	209		
3E1717531E	OIL			60	60	30	50	123	62	82	100	93	80	85	95	940P	112810	
	WAT			60	60	30	30	28	26	31	6	5				216		
LAST CHANCE FEDERAL																	S	
1G1717531E	OIL																	
COMPANY TOTAL	OIL			477	576	668	604	449	493	549	547	376	381	452	474	6096	317740	
	GAS			2007	1777	2019	1876	1935	1815	1905	1558	1202	1674	1526	1600	20894		
	WAT			60	118	60	88	84	81	92	42	40	30	30	30	755		

WINDFUR OIL COMPANY																		
GRAYBURG JACKSON S A UNIT																		
18K1317530E	OIL			PLUGGING APPROVED 1976														387569

R. R. WOLLEY																		
GULF FEDERAL																		
1A1717530E	OIL			PLUGGING APPROVED 1963														700
MCINTYRE																		
2K2117530E	OIL			PLUGGED AND ABANDONED														1152
COMPANY TOTAL OIL																	1852	

S. P. YATES																		
LEONARD																		
103417529E	OIL			149	71		120	124	120	124	120	120	70	72	84	446P	81861	
	WAT			124	112	124							124	120	124	1460		
2E3417529E	OIL			350	166		30	31	30	31	31	30	70	72	84	742P	120021	
	WAT			31	28	31	243	219	168	208	179	168	31	30	31	365		
3L3417529E	OIL			11	6	273	60	62	60	62	62	60	62	60	62	1704P	37829	
	WAT			62	56	62							62	60	62	730		
ROBINSON																		
1F3417529E	OIL			81	127	105	114	106	111	80	116	105	106	102	76	1229P	142614	
	WAT			526	475	526	509	526	509	526	526	508	775	750	775	6931		
COMPANY TOTAL	OIL			592	370	378	357	325	279	286	295	273	317	319	330	4121	382325	
	WAT			743	671	743	719	743	719	743	743	718	992	960	992	9486		

GRAYBURG PADDOCK (ABANDONED)																		

GENERAL AMERICAN OIL COMPANY OF TEXAS																		
BURCH A																		
1401817530E	OIL			RECOMPLETED TO GRAYBURG JACKSON QUEEN SA														4881
17P1817530E	OIL			RECOMPLETED TO GRAYBURG JACKSON QUEEN SA														4304
COMPANY TOTAL OIL																	11185	

GRAYBURG UPPER PENNSYLVANIAN																		

ARCO OIL & GAS COMPANY																		
F M ROBINSON																		
1E2717529E	OIL			13	4	9	7	7	4	4	3	1	3	5		60P	2850	
	GAS			521	445	504	400	483	388	314	450	347	479	445	295	5071		
DEPCO INCORPORATED																		
CONOCO STATE																		
1K1517529E	OIL			40	46	48	24	50	20	30	38	47	20	24	30	417P	3699	
	GAS			1285	1557	1770	1983	1853	1809	1577	1966	1756	1415	1416	1603	19990		

GREENWOOD STRAWN (ABANDONED)																		

PAN AMERICAN CORP																		
GREENWOOD UNIT																		
7H1219531E	OIL			PLUGGING APPROVED 1965														8288

GROSS DEVONIAN (ABANDONED)																		

UNITED STATES SMELTING REF. AND MINING CO.																		
SUPERIOR STATE																		
1F3413532E	OIL			PLUGGING APPROVED 1964														3672

HACKBERRY BONE SPRING																		

ANADARKO PRODUCTION COMPANY																		
HANSON FEDERAL																		
1J2019531E	OIL			92	332	248	159	202	531	970	532	306	290	185	380	4227F	10005	
	WAT										35	95	40	26	42	238		
HACKBERRY STRAWN, SOUTH																		

PERRY R. BASS																		
BIG EDDY UNIT																		
33P 42031E	OIL			297	244	244	200	236	243	236	255	138	299	208	242	2842P	70136	
	GAS			3208	2921	3112	3047	3038	3245	3211	3100	2906	3110	3376	3558	37832		
	WAT			1188	976	976	800	944	972	944	726	393	851	592	810	10172		
HACKBERRY YATES 7 KWRS., NORTH																		

A.C.E. OIL COMPANY																		
TEMECO FEDERAL																		
102819531E	OIL			2	54	81	57	34	53	127	49	45	50	66	17	635P	27144	
	WAT			10	11	64	12	9	13	32	13	11	12	14	4	205		
ARROWHEAD OIL CORP.																		
MACHRIS STATE																		
143219531E	OIL			348	293	323	296	298	289	277	269	261						

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CONTINUED GRAYBURG JACKSON QUEEN SA

PAGE 246

WELL S I R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1984	PROD MP	ACCU
MCINTYRE D														
1M1717S30E OIL	45	52	65	59	61	59	52	49	40	55	44	53	634P	49617
2M1717S30E OIL	90	17	21	20	49	47	52	49	40	55	44	53	537P	5669
3M1717S30E OIL	15	9	11	10	12	12	13	13	11	14	14	14	142P	
4M1717S30E OIL	72	54	60	60	72	72	78	78	66	84	66	84	852P	30534
5M1717S30E OIL	236	269	217	209	323	394	364	378	327	327	327	327	316P	
6M1717S30E OIL	1440	1120	1722	1640	1968	1804	1872	1728	1430	1820	1430	1735	19729	
7M1717S30E OIL	ZONE ABANDONED													
RANDEL STATE														
1C1617S30E OIL	LAST	PROD. DATE	01/76											
2D1617S30E OIL	58	42	49	47	46	45	26	22	65	58	60	55	573P	54508
3C1617S30E OIL	3944	3360	3920	3760	3680	3600	3224	2728	3510	3132	3240	2970	41068	99505
4D1617S30E OIL	162	151	177	171	153	150	130	4	226	145	149	148	1766P	31719
5M1617S30E OIL	471	439	515	497	490	480	416	8	743	444	477	474	547P	23569
6D1617S30E OIL	58	55	64	62	61	60	52	43	45	44	44	46	634P	46066
7M1617S30E OIL	203	193	224	217	214	210	156	215	300	293	293	293	2825	
8M1617S30E OIL	263	246	274	267	244	240	209	145	324	291	291	291	2880P	
9M1617S30E OIL	867	802	704	747	766	736	669	673	813	974	937	848	9536	
10M1617S30E OIL	731	683	576	558	702	690	601	417	810	728	595	613	7704	
COMPANY TOTAL	2545	2149	2331	2184	2254	2184	2112	1875	2262	2268	2023	2550	26737	1607186
ARCO FEDERAL	4305	4493	5414	6105	5705	5412	5426	5566	5105	5488	4624	5327	63070	
WAT	13979	11638	13085	12569	14283	11396	11364	10527	11475	12248	11436	16023	150023	
DWIGHT A TIPSON														
BRINSON R FEDERAL														
2G3116S32E OIL	52	28	19	20	13	9	16	31	32	33	74	29	356P	8216
3G3116S32E OIL	515	718	561	475	397	276	297	172	138	461	531	514	5055	
4G3116S32E OIL	7	7	8	60	63	15	15	31	7	7	16	6	227	
STATE RC														
213016S31E OIL	2696	2272	2243	2083	1111	752	1063	1972	1799	1705	1986	1951	21633	
COMPANY TOTAL	52	28	19	20	13	9	16	31	32	33	74	29	356	8216
ARCO FEDERAL	3217	2990	2804	2558	1508	1028	1360	2144	1937	2166	2517	2465	26688	
WAT	7	7	8	60	63	15	15	31	7	7	16	6	227	
VIKING ENERGY CORP.														
ARCO FEDERAL														
1B1017S31E OIL	LAST	PROD. DATE	01/79											
RAY & GAREL R WESTALL														
VOLA FEDERAL														
1M117S31E OIL	176	166	125	123	126	126	127	119	139	96	77		1400P	9818
2L117S31E OIL	30	30	30	30	30	30	30	30	30	30	30		330	
3M117S31E OIL	50	39	15	15	18	15	15	10	20	95	76		368P	2179
4M117S31E OIL	30	30	30	30	30	30	30	30	30	30	30		330	
5M117S31E OIL	150	136	120	120	123	120	121	103	130	96	77		1279P	4103
6M117S31E OIL	30	30	30	30	30	30	30	30	30	30	30		330	
COMPANY TOTAL	376	361	260	258	267	261	263	232	272	287	230		3047	16100
ARCO FEDERAL	90	90	90	90	90	90	90	90	90	90	90		990	
RAY WESTALL														
1O117S31E OIL	136	120	116	101	82	98	135	100	77	162	92	99	1318P	6025
2G117S31E OIL	734	470	645	683	725	682	615	615	601	630	546	759	7905	
3G117S31E OIL	15	15	15	15	15	15	15	15	15	15	15	15	210	
4G117S31E OIL	136	120	117	101	81	98	134	100	77	162	92	99	1318P	5683
5G117S31E OIL	735	471	645	683	726	682	615	615	602	630	546	760	7910	
6G117S31E OIL	15	15	15	15	15	15	15	15	15	15	15	15	210	
V L FOSTER														
3M117S31E OIL	48	62	82	62	37	51	84	58	46	72	73	45	720P	43210
4M117S31E OIL	INJECTION	WELL											6829	
HUDSON														
2M1817S31E OIL	57	104	103	91	92	68	100	51	52		230	69	1017P	147557
3M1817S31E OIL	56	103	102	91	92	68	100	51	51		230	69	1013P	113623
4M1817S31E OIL	INJECTION	WELL												
LAST CHANCE FEDERAL														
1G117S31E OIL	1209	67	83	111	98	19	46	40	62	54	32	44	1865P	1865
2G117S31E OIL	70	75	75	75	75	75	75	75	75	75	40	25	805	
STATE A														
4E3617S29E OIL	25	33	39	30	29	58	13	39	29	32	20	40	387P	123830
5E3617S29E OIL	75	88	125	65	62	140	14	40	29	33	25	43	388P	15787
6E3617S29E OIL													739P	5965
COMPANY TOTAL	1767	730	896	682	602	658	648	518	453	548	184	518	8179	470583
ARCO FEDERAL	1429	1541	1990	1366	1421	1366	1230	1230	1203	1220	1802	1378	1819	
WAT	100	100	105	105	105	105	105	105	105	105	70	115	1225	
WINDFOHR OIL COMPANY														
GRAYBURG JACKSON S A UNIT														
1B1317S30E OIL	PLUGGING	APPROVED	1976											387569
R. B. WOODLEY														
GULF FEDERAL														
1A1717S30E OIL	PLUGGING	APPROVED	1963											700
MCINTYRE														
2K2117S30E OIL	PLUGGED	AND	ABANDONED											1152
COMPANY TOTAL														1852
S. P. YATES														
LEONARD														
1D3417S29E OIL	78	69	66	68	66	68	65	68	58	67	65	62	780P	82641
2E3417S29E OIL	124	116	124	120	124	120	124	124	120	124	120	124	1464	
3L3417S29E OIL	78	69	66	68	66	68	65	68	58	67	65	62	781P	120802
4M3417S29E OIL	31	29	31	30	31	30	31	30	30	31	30	31	366	
5M3417S29E OIL	62	58	62	60	62	60	62	62	60	62	60	62	732	38700
ROBINSON														
1F3417S29E OIL	110	98	107	80	127	90	74	113	87	77	102	43	1103P	143717
2F3417S29E OIL	115	725	750	750	775	750	775	750	775	775	750	775	1150	
COMPANY TOTAL	348	309	392	280	323	307	280	323	271	289	309	176	3575	385860
ARCO FEDERAL	992	928	992	920	992	960	992	992	960	992	960	992	11712	
GRAYBURG PADDOCK (ABANDONED)	PD			OM	TO	5M								
GENERAL AMERICAN OIL COMPANY OF TEXAS														
BURCH A														
1401817S30E OIL	RECOMPLETED	TO	GRAYBURG JACKSON QUEEN SA											4881
17P1817S30E OIL	RECOMPLETED	TO	GRAYBURG JACKSON QUEEN SA											6304
COMPANY TOTAL														11185
GRAYBURG UPPER PENNSYLVANIAN	UP			8M	TO	9M								
ARCO OIL & GAS COMPANY														
F M ROBINSON														
1E2717S29E OIL	421	471	319	384	410	414	373	340	375	416	392	344	4659	2868
DEPCO INCORPORATED														
CUMOCO STATE														
1K1517S29E OIL	31	21	32	23	38	40	44	7	25	30	26	27	344P	4043
1K1517S29E OIL	1486	1522	1574	1512	1769	1736	1966	1340	1544	1761	1421	2127	19758	
GREENWOOD STRAWN (ABANDONED)	PS			11M	TO	12M								
PAN AMERICAN CORP														
GREENWOOD UNIT														
7M1219S31E OIL	PLUGGING	APPROVED	1965											8288
GROSS DEVONIAN (ABANDONED)	DV			12M	TO	13M								
SUPERIOR STATE														
1F3413S32E OIL	PLUGGING	APPROVED	1964											3672
HACKBERRY BUNE SPRING	BS			8M	TO	9M								
ANADARKO PRODUCTION COMPANY														
HANSON FEDERAL														
1J2019S31E OIL	278	97	471	130	444	401	266	288	314	5	6	5	2703F	12710
WAT	42	20	123	12	102	124	74	66	236				799	



marbob
energy corporation

January 23, 1986

Tenneco Oil Exploration & Production
7990 IH 10 West
San Antonio, Texas 78230

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

Tenneco Oil Exploration & Production has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____

BEFORE EXAMINER STOGNER

Oil Conservation Division

MARBOb Exhibit No. 12

File No. 8841

Attachment Form C-108 XIV(a)



marbob
energy corporation

January 23, 1986

Conoco, Inc.
P. O. Box 1959
Midland, Texas 79702

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

Conoco, Inc. has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____



marbob
energy corporation

January 23, 1986

Southland Royalty Company
21 Desta Drive
Midland, Texas 79705

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

Southland Royalty Company has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____



marbob
energy corporation

January 23, 1986

ARCO Oil & Gas Company
P. O. Box 1610
Midland, Texas 79702

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

ARCO Oil & Gas Company has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____



marbob
energy corporation

January 23, 1986

Jack Plemons
1010 West Avenue H
Lovington, New Mexico 88260

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

Jack Plemons has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____



marbob
energy corporation

January 23, 1986

El Paso Natural Gas
P. O. Box 1492
El Paso, Texas 79978

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

El Paso Natural Gas has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____



marbob
energy corporation

January 23, 1986

New Mexico State Land Office
Surface Bureau
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

RE: Proposed Disposal Well

Gentlemen:

Enclosed you will find an application for a Proposed Disposal Well located in Section 27, Township 17 South, Range 29 East, Eddy County, New Mexico.

If you have any questions regarding this application, please contact Ron Head at (505) 748-3303. If you have an objection to the application, please sign below and return one copy of this letter to Marbob Energy Corporation and one copy to the Oil Conservation Division, Santa Fe, New Mexico 87501.

Sincerely,

Ron Head
Land Department

RH/rr

Enclosures

New Mexico State Land Office has an objection to the proposed disposal well.

BY: _____

TITLE: _____

DATE: _____

P 672 519 367

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to N.M. State Land Office	
Street and No. Surface Bureau	
P. O. Box 1148	
P.O. State and ZIP Code Santa Fe, NM 87504-1148	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

P 672 519 366

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to El Paso Natural Gas	
Street and No. P. O. Box 1492	
P.O. State and ZIP Code El Paso, TX 79978	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

P 672 519 365

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to Jack Plemons	
Street and No. 1010 W. Ave. H	
P.O., State and ZIP Code Lovington, NM 88260	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

P 672 519 364

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to ARCO Oil & Gas Co.	
Street and No. P. O. Box 1610	
P.O. State and ZIP Code Midland, TX 79702	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

P 672 519 363

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to Southland Royalty Co.	
Street and No. Firestone Drive	
P.O. State and ZIP Code Midland, TX 79705	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

P 672 519 362

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to Conoco, Inc.	
Street and No. P. O. Box 1959	
P.O. State and ZIP Code Midland, TX 79702	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

P 672 519 361

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to Tenneco Oil Exploration	
Street and No. 7990 IH 10 West	
P.O. State and ZIP Code San Antonio, TX 78230	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 1/23/86	

ELECTRICAL

CONNOR ELECTRIC
Industrial, commercial, residential
wiring. Motors rewound, repaired,
rebuilt. 746-3771.

BOATS

FOR SALE
1984 Baja "FishN' Ski" Flyer rigged,
130 Johnson. Beautiful, with cover.
\$11,500. Call 746-4042.

LEGAL NOTICE

Notice is hereby given pursuant to Rule 70B3 of the New Mexico Oil Conservation Division Rules and Regulations that a 20-acre tract of Marbob Energy Corporation is within the P.M. Robinson Well Unit located 280 FNL and 280 FWL in Section 27, Township 17 North, Range 28 East, N.M.P.M., Eddy County, New Mexico. For the foregoing described acreage, which is located on an average 200-barrel per day but could go as high as 1000 barrels per day. Maximum injection pressure will not exceed 1854 PSI. Questions regarding this proposal may be directed to Sam Head, Marbob Energy Corporation, P.O. Drawer 227, Artesia, New Mexico 88210, 746-3303.

Objection to this proposal or request for hearing on the matter together with the reasons, therefore, must be filed in writing with the Oil Conservation Division, P.O. Box 2083, Santa Fe, New Mexico 87501 within 15 days after date of publication of this notice.

Published in the Artesia Daily Press, Artesia, N.M., Jan. 24, 1986.

Legal No. 11409.

BEFORE EXAMINER STOGNER

Oil Conservation Division

MAR303 Serial No. 13

8841