



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1250666  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  WSW  SWD  SIOW
- Gas  D&A  ENHR  SIGW
- OG  GSW  Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD
- Plug Back  Conv. to GSW  Conv. to Producer
- Commingled Permit #: \_\_\_\_\_
- Dual Completion Permit #: \_\_\_\_\_
- SWD Permit #: \_\_\_\_\_
- ENHR Permit #: \_\_\_\_\_
- GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1250666

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---



# Temperature Survey Log

Company NAE INC.  
 Well Fred No. 1-14  
 Field North- Trail  
 County Lane  
 State Kansas

Company NAE INC.  
 Well Fred No. 1-14  
 Field North- Trail  
 County Lane  
 State Kansas

Location: API #: SW-NW-NW  
 SEC 14 TWP 17S RGE 29W  
 Permanent Datum Ground Level Elevation 2773'  
 Log Measured From K. B 5' AGL  
 Drilling Measured From K. B  
 Other Services Elevation K.B. 2778', D.F. 2777', G.L. 2773'

Date 6-25-15  
 Run Number ONE  
 Depth Driller 4580'  
 Depth Logger 2000'  
 Bottom Logged Interval 2000'  
 Top Log Interval Surface  
 Open Hole Size 7 7/8"  
 Type Fluid Water  
 Density / Viscosity ////  
 Max. Recorded Temp. 101 deg  
 Estimated Cement Top 1665'  
 Time Well Ready R.O.A.  
 Time Logger on Bottom 9:20 a.m  
 Equipment Number T-045  
 Location Hays, KS  
 Recorded By C. Patterson  
 Witnessed By Mr. Jeff Crawford

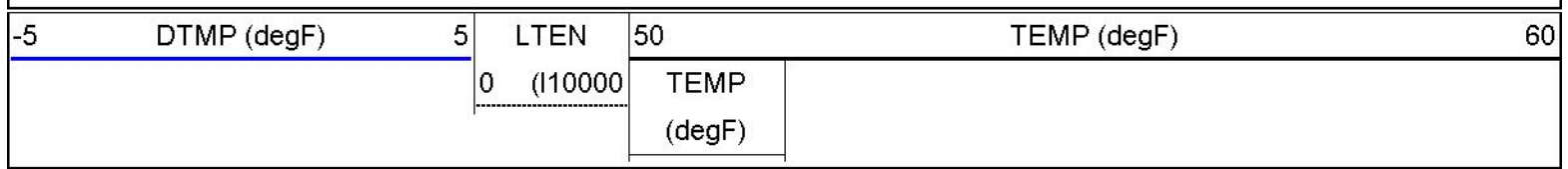
Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record							
Surface String		8 5/8"		VgU/Ft		Top	Bottom
Prot. String				24#		0'	356'
Production String		4 1/2"		10.5#		0'	4488'
Liner							

>>> Fold Here >>>

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

### Comments

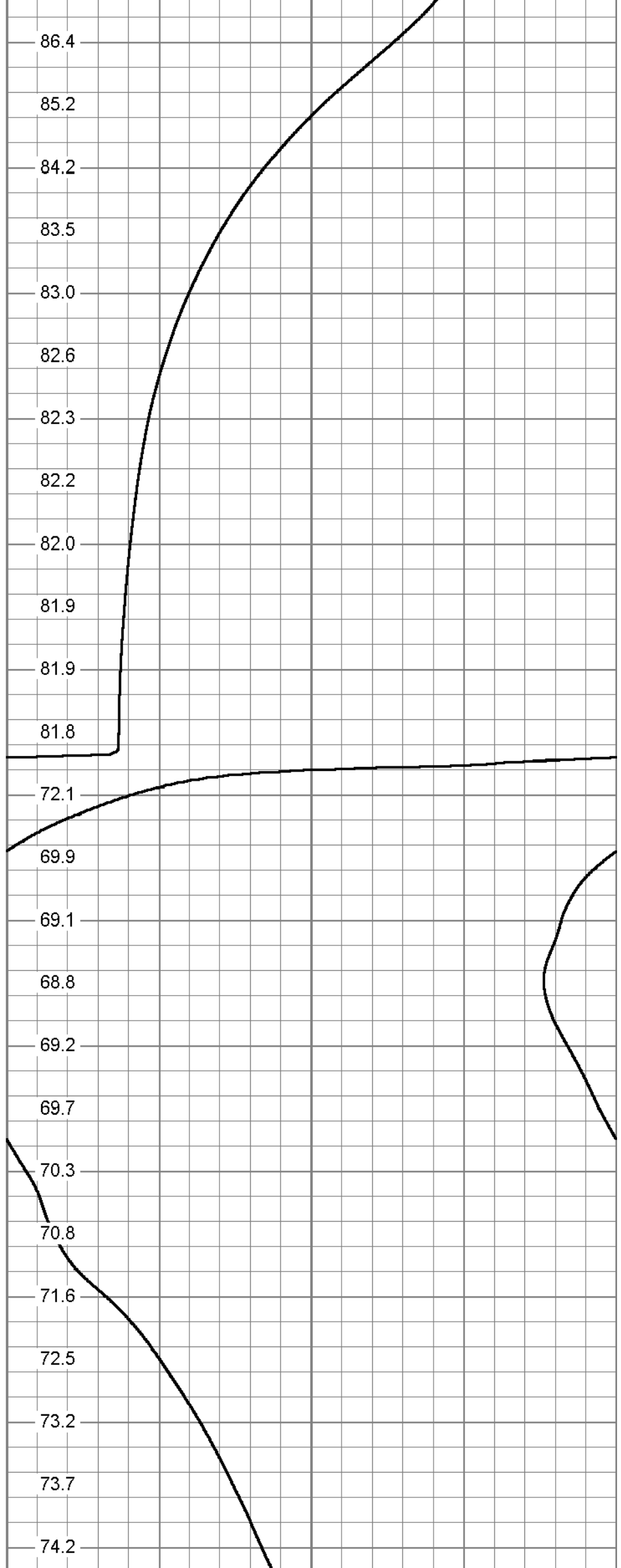
Database File naefredtemp.db  
 Dataset Pathname pass2  
 Presentation Format temp  
 Dataset Creation Thu Jun 25 09:16:06 2015  
 Charted by Depth in Feet scaled 1:600



DTMP (degF)	5	LTEN	50	TEMP (degF)	60
		0 (110000)	TEMP (degF)		
			87.5		

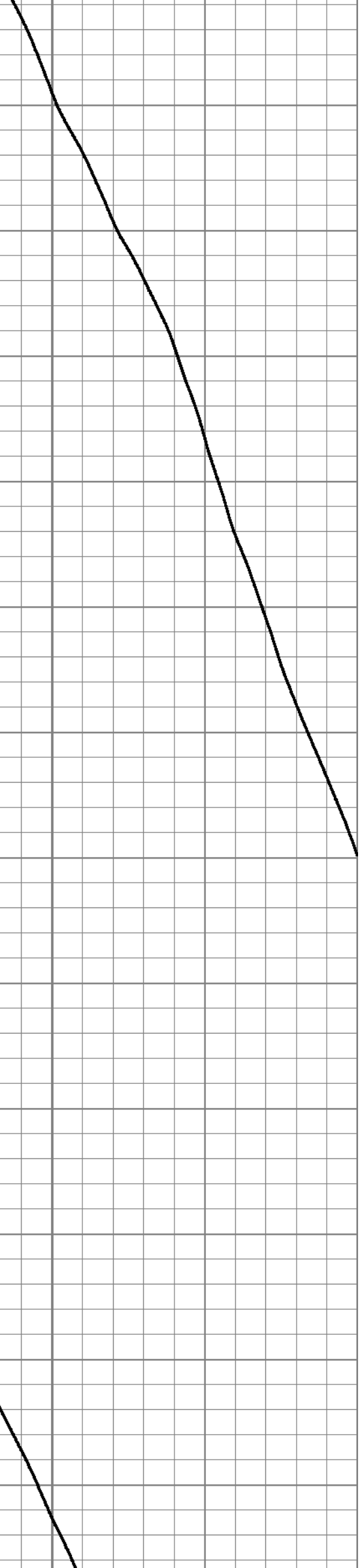
50  
100  
150  
200  
250  
300  
350  
400  
450  
500  
550  
600  
650

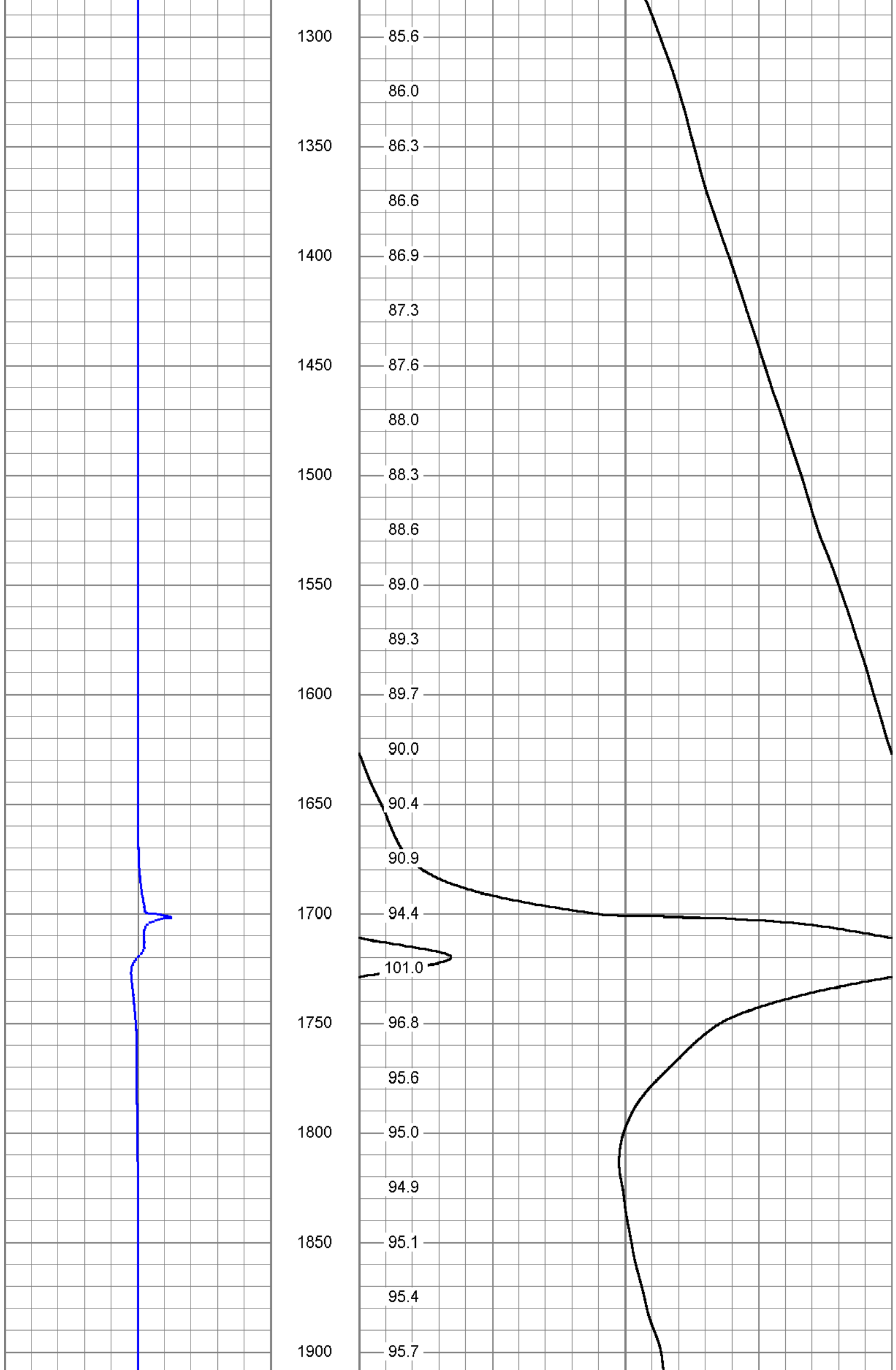
86.4  
85.2  
84.2  
83.5  
83.0  
82.6  
82.3  
82.2  
82.0  
81.9  
81.9  
81.8  
72.1  
69.9  
69.1  
68.8  
69.2  
69.7  
70.3  
70.8  
71.6  
72.5  
73.2  
73.7  
74.2

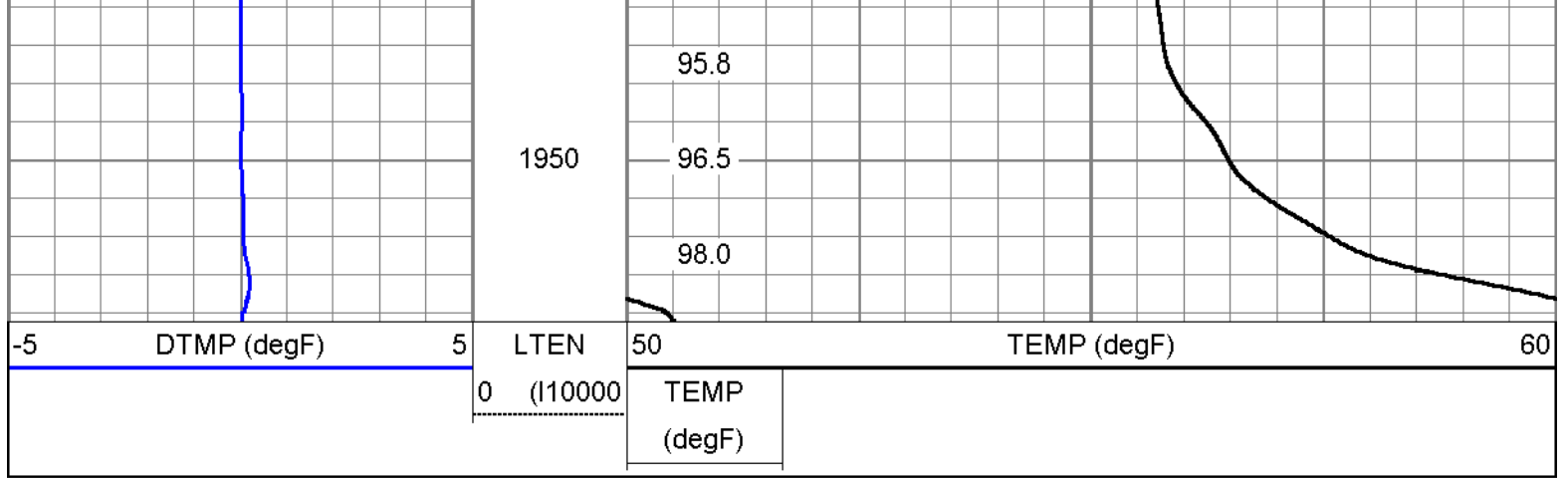


74.7  
75.1  
75.6  
76.1  
76.6  
77.0  
77.4  
77.7  
78.1  
78.4  
78.8  
79.2  
79.6  
80.0  
80.4  
80.8  
81.1  
81.6  
82.2  
82.8  
83.3  
83.7  
84.3  
84.8  
85.2

700  
750  
800  
850  
900  
950  
1000  
1050  
1100  
1150  
1200  
1250







**Calibration Report**


Database File      naefredtemp.db  
 Dataset Pathname    pass2  
 Dataset Creation    Thu Jun 25 09:16:06 2015

**Temperature Calibration Report**

Serial Number:      1  
 Tool Model:         C  
 Performed:         Thu Apr 09 08:26:59 2015

	Reference		Reading
Low Reference:	0.00 degF		0.00 cps
High Reference:	1.00 degF		1.00 cps

Gain:                0.11  
 Offset:              0.00  
 Delta Spacing      2

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
TEMP	0.20		TEMP-C (1)	1.25	1.83	2.00

Dataset:            naefredtemp.db: field/well/run1/pass2  
 Total length:      1.25 ft  
 Total weight:      2.00 lb  
 O.D.:                1.83 in

FILE NO. \_\_\_\_\_

COMPANY GALLQUIRY PETROLEUM EXPLORATION, INC.

WELL FRED NO. 1-34

FIELD NORTH TRAIL

COUNTY LANE STATE KANSAS

LOCATION: SUB-M-NW

SEC. 14 TWP. 17S RGE. 24E

PERMITS: GROUND WATER No. 2778

Log Measured from: KELLY BUSHING OF CL 2778

Drilling Measured from: KELLY BUSHING OF CL 2778

DATE: APRIL 14, 1988 RECEIVED: STATE GEOLOGICAL COMMISSION

Run No. 016

Depth - Logger: HEAD DATE: MAY 15 1988

Bottom Logged Interval: HEAD

Top Logged Interval: HEAD @ COOPERATION DIVISION

Casing - Logger: HEAD @ WICHITA, KANSAS

Bit Size: 7 7/8" @ 3 1/2"

Type Fluid in Hole: CHEMICAL MUD

Density and Viscosity: 1.13 14

pH and Fluid Loss: 12.0 1.5

Source of Sample: 12.0 1.5

Run @ Meas. Temp: 1.57 1.57

SON @ Meas. Temp: 1.75 1.75

Time Since Core: 2.25 2.25

Max Rec. Temp. Deg F: 125

Equip No. and Location: 2.65 130614

Manufactured By: GENY CAL QUIRY

Log No. 401

Log Date 5/15/88

Log Time 09:00

Log Length 120

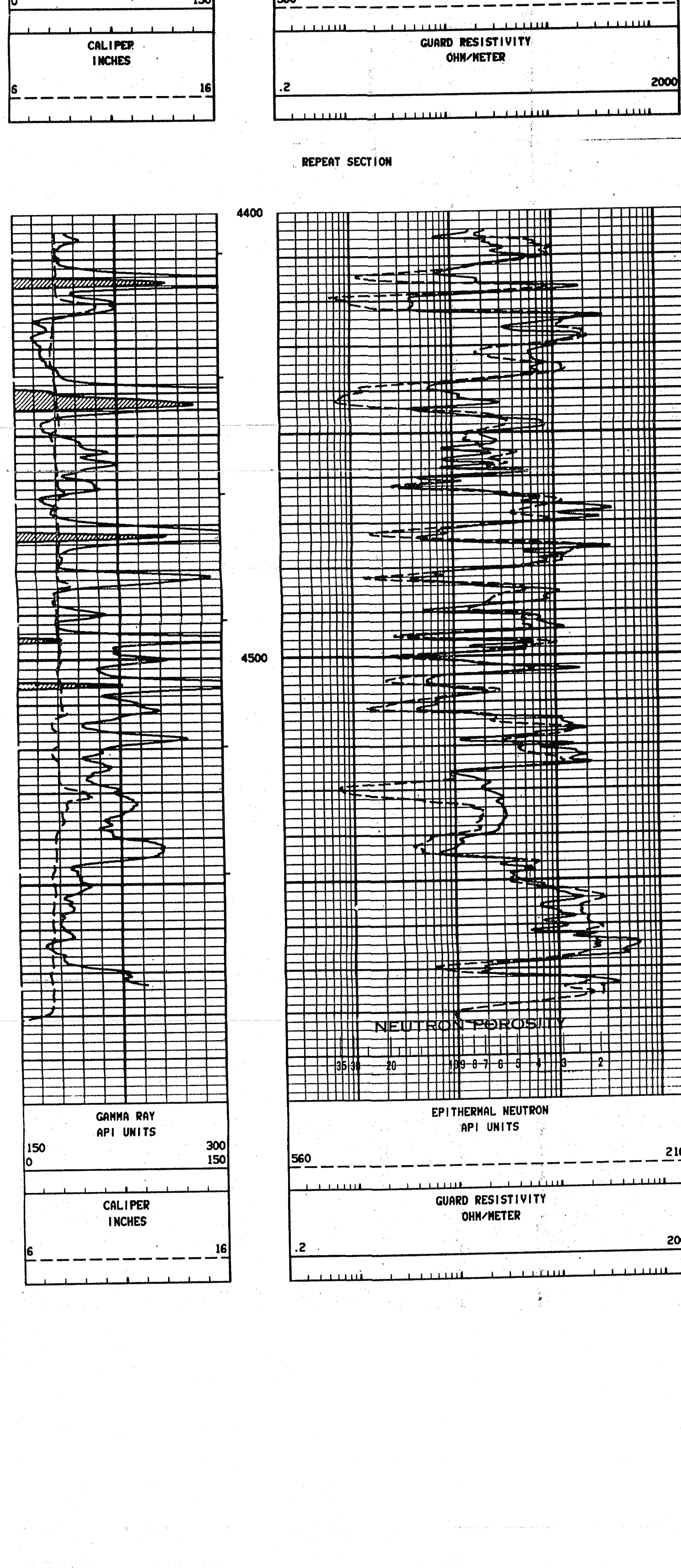
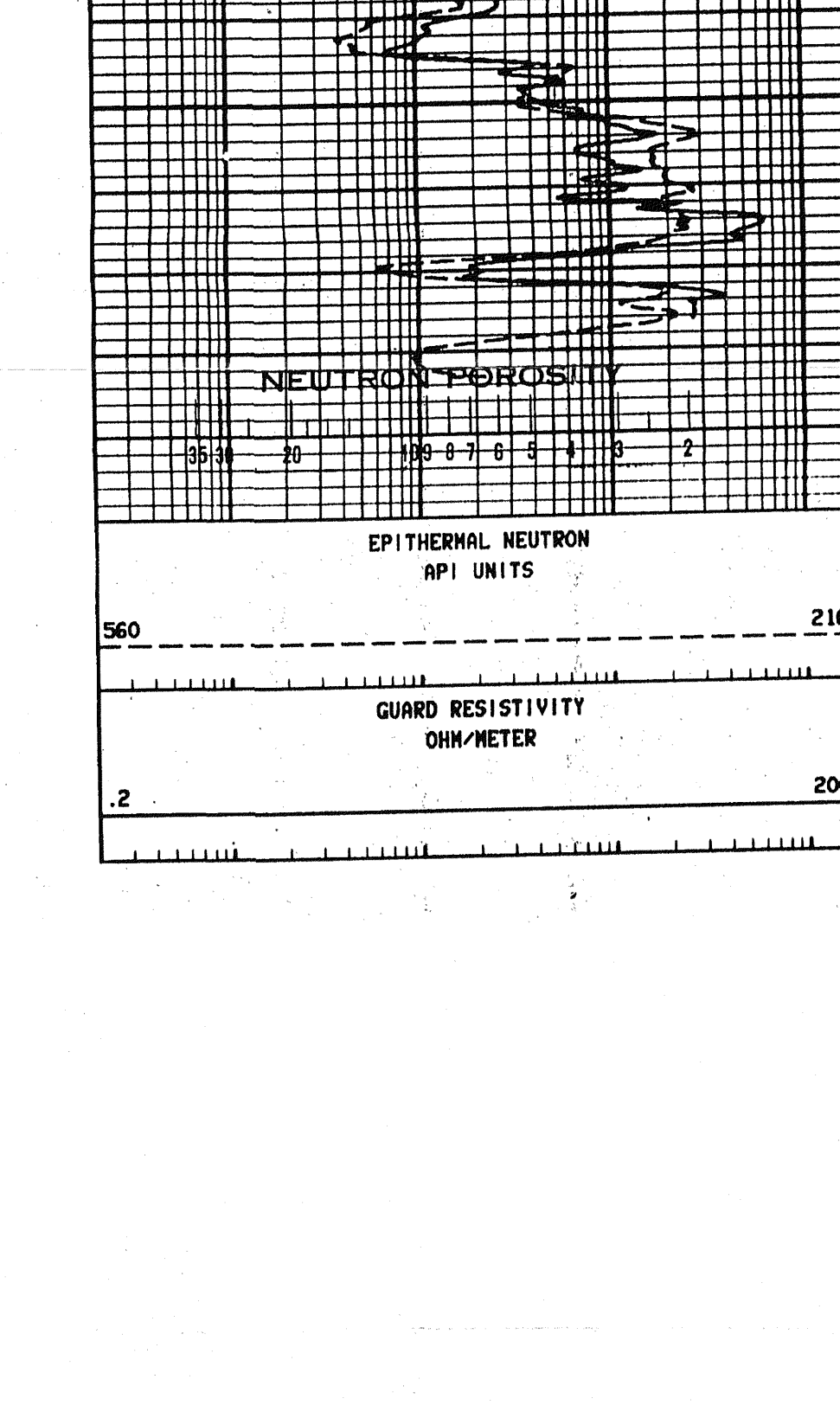
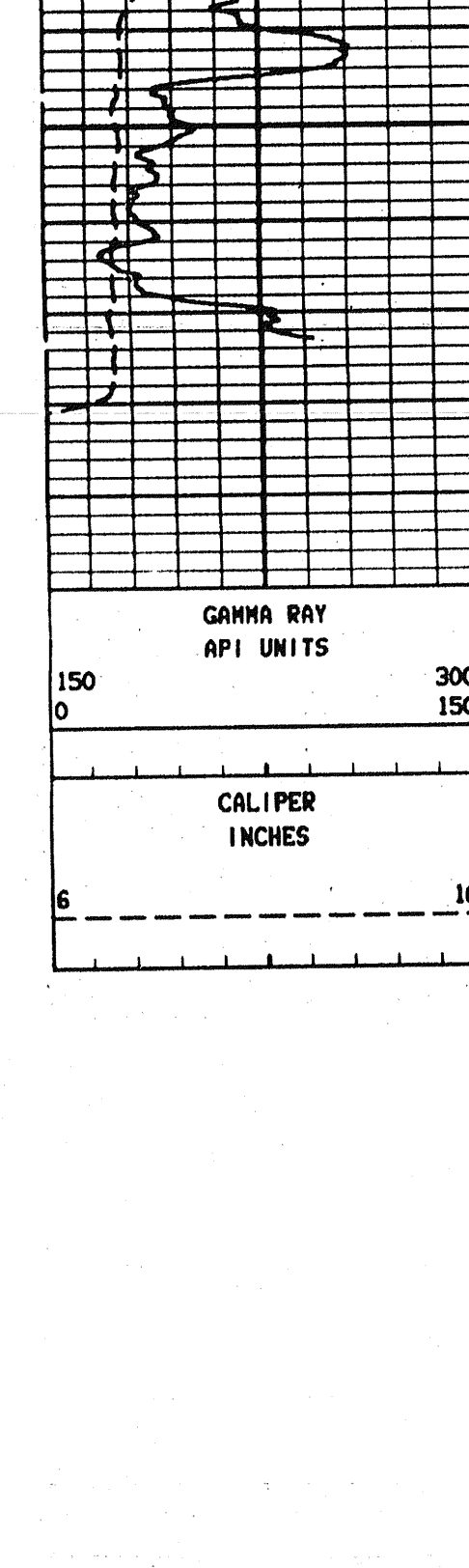
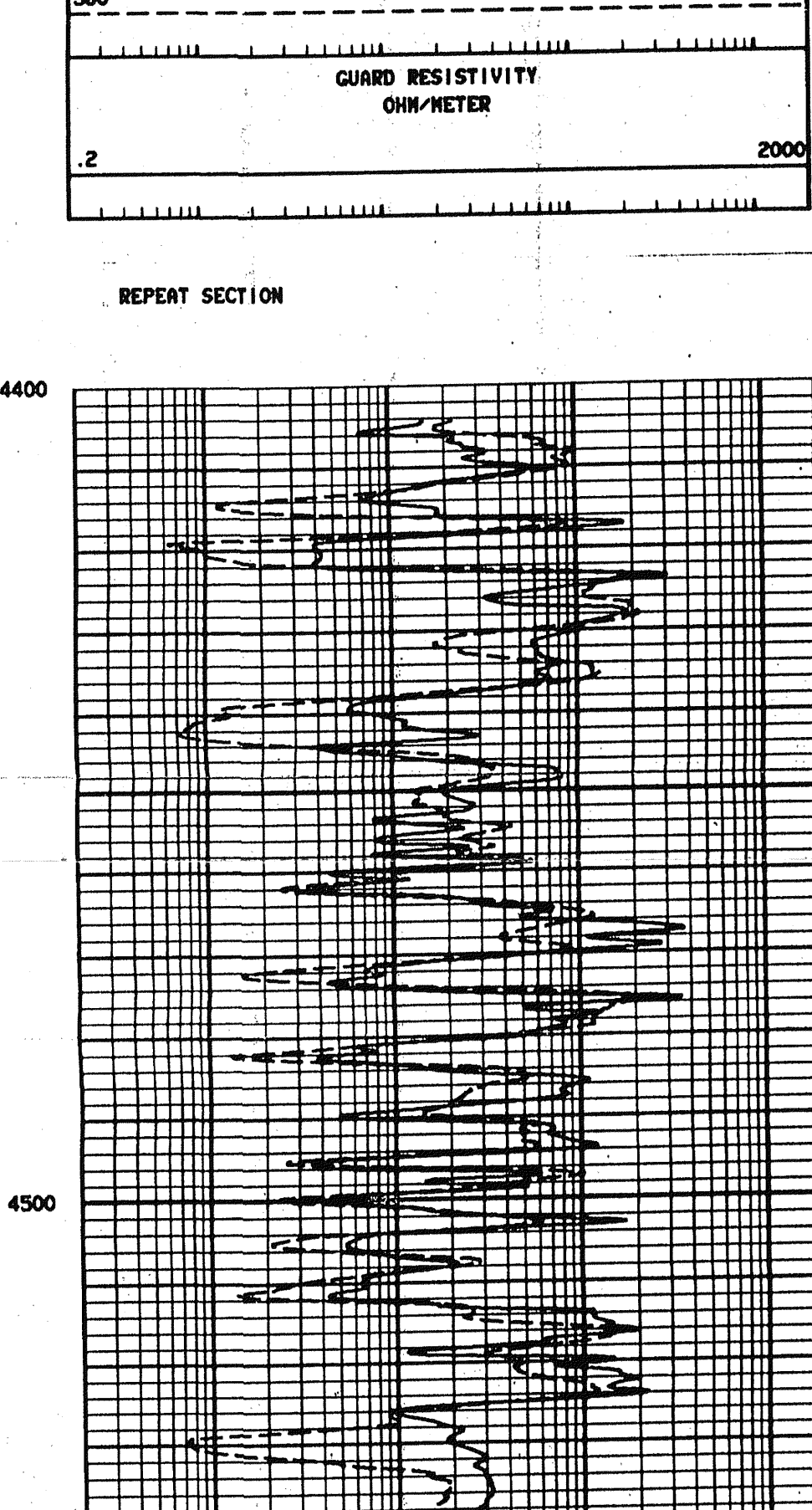
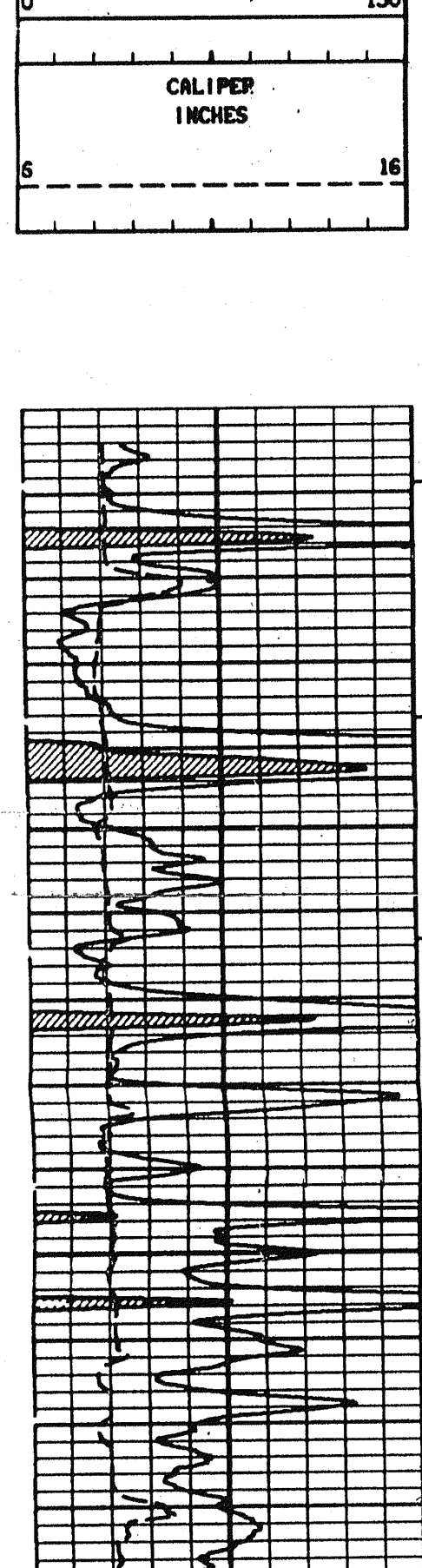
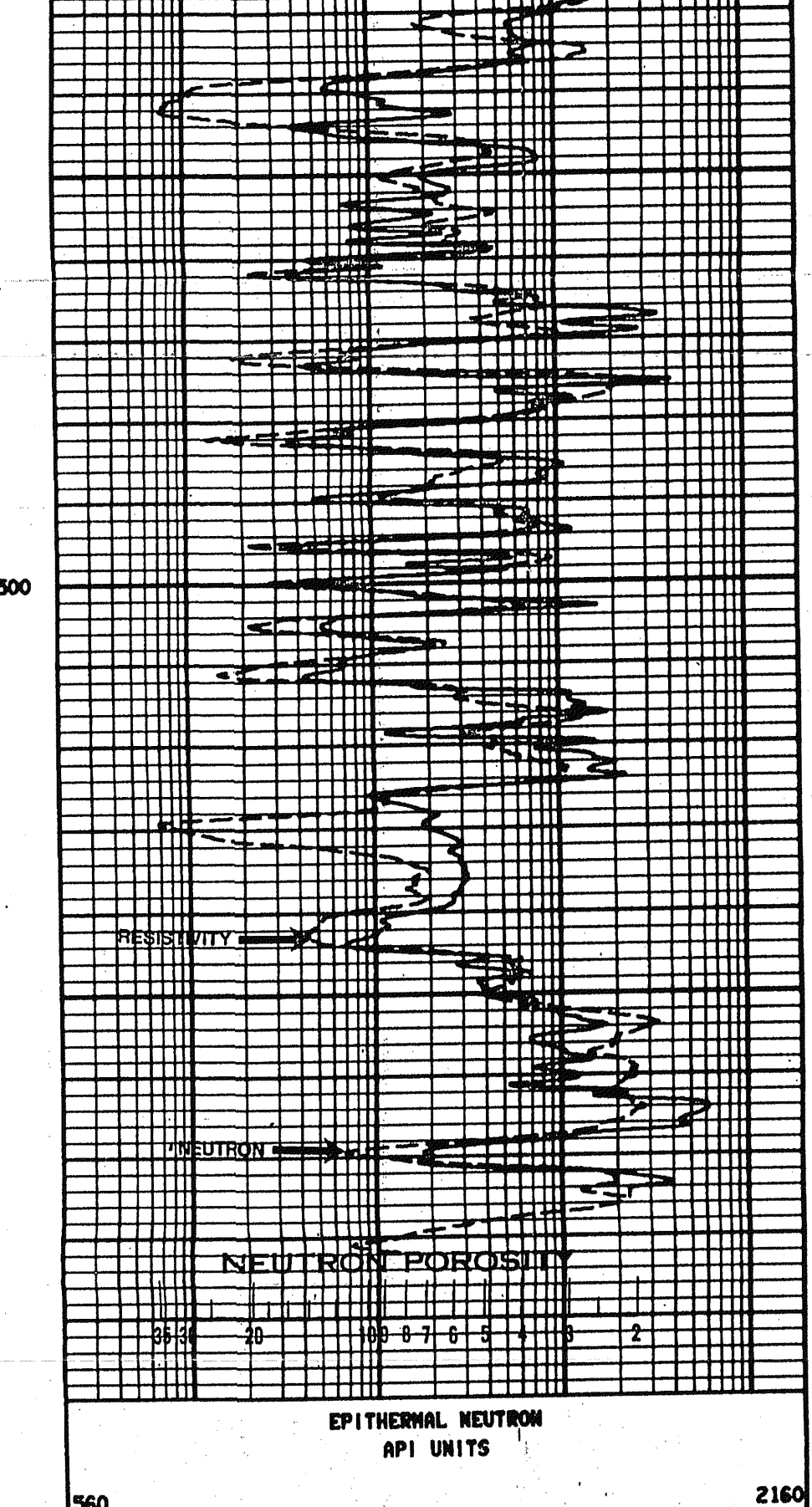
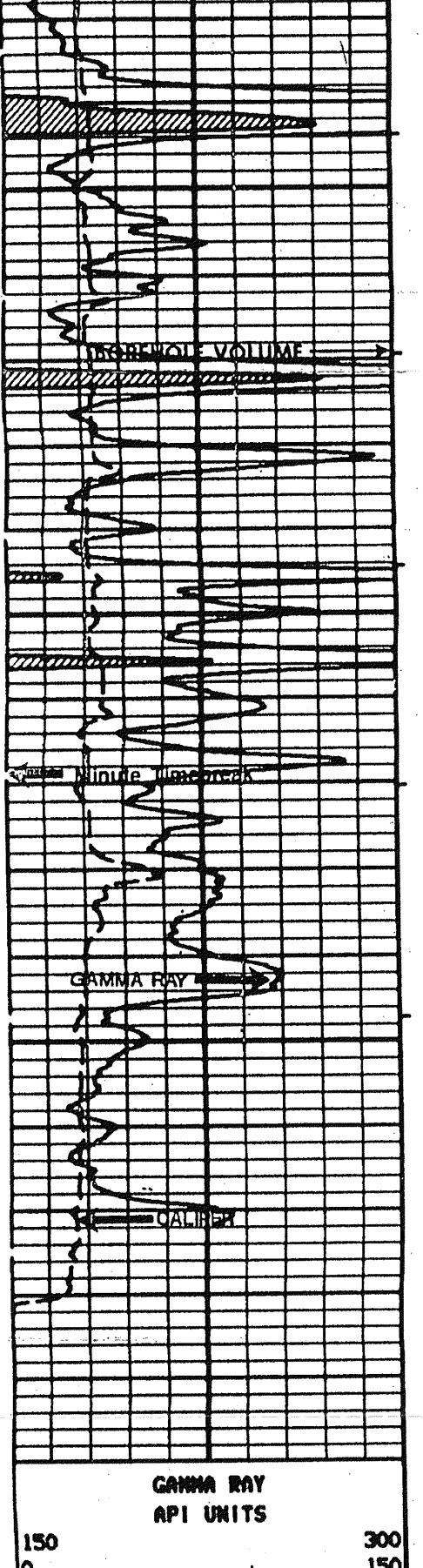
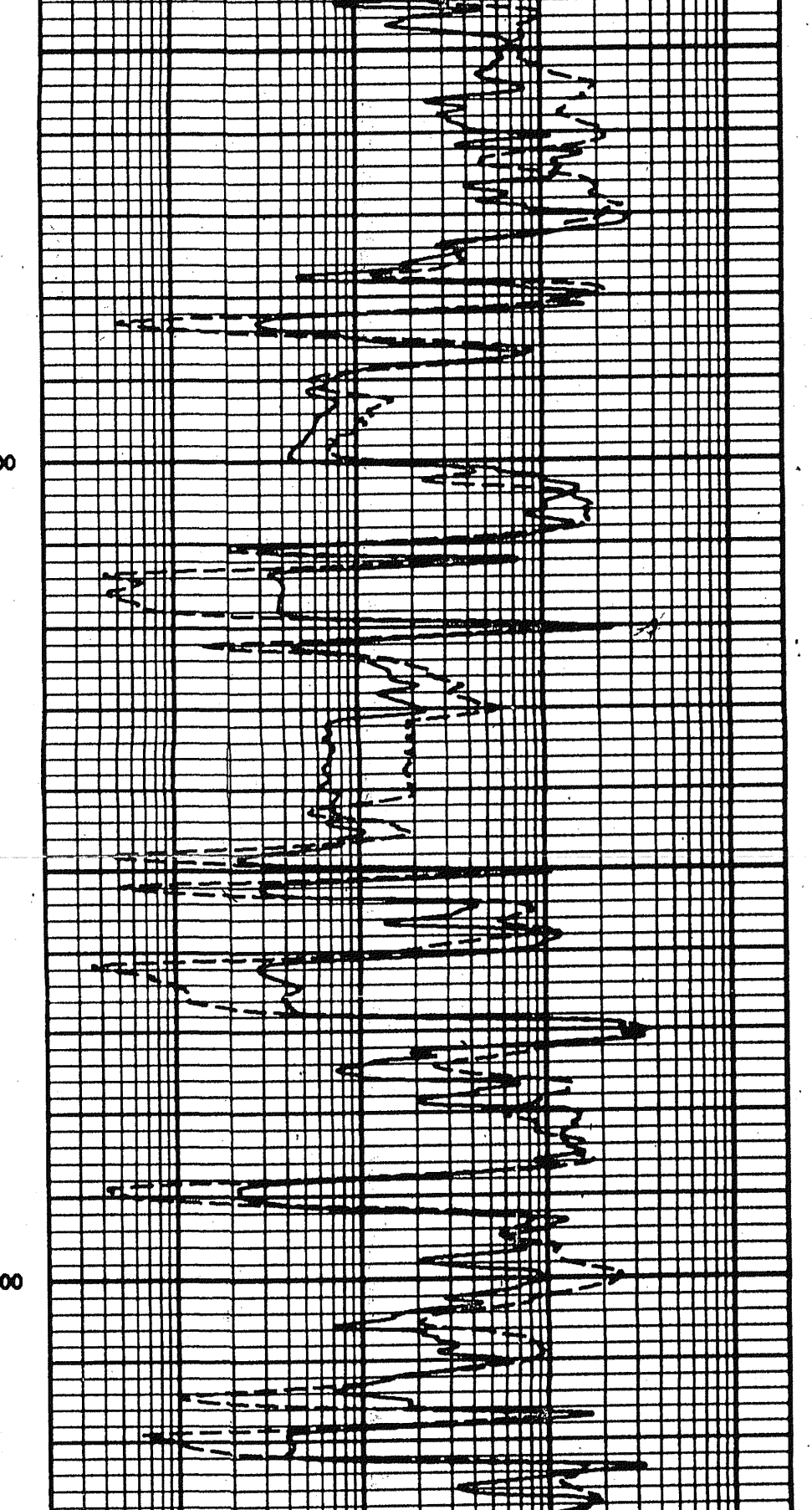
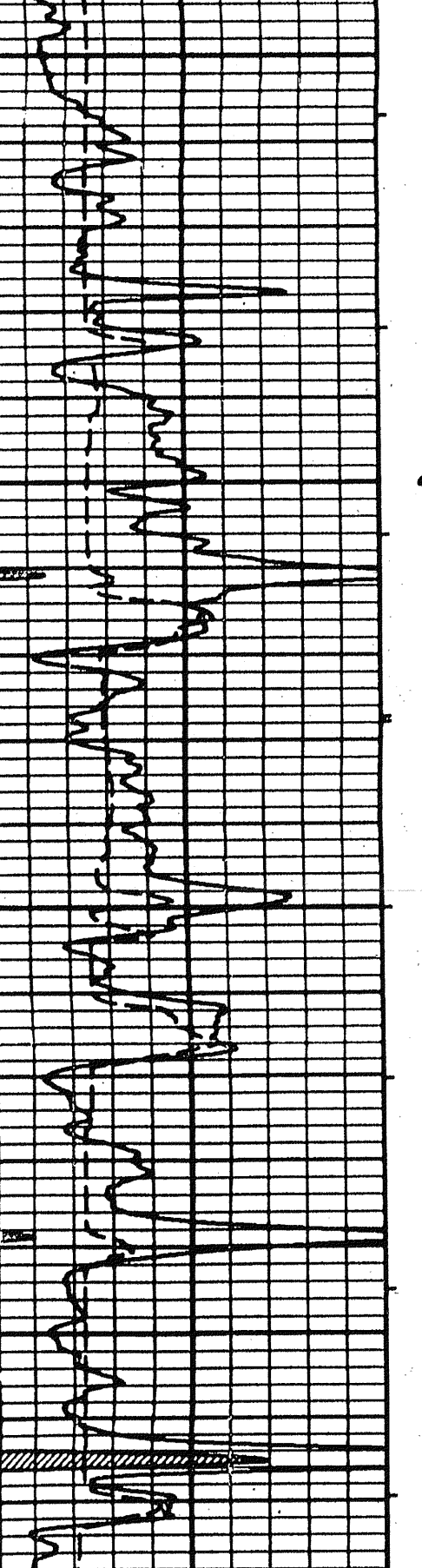
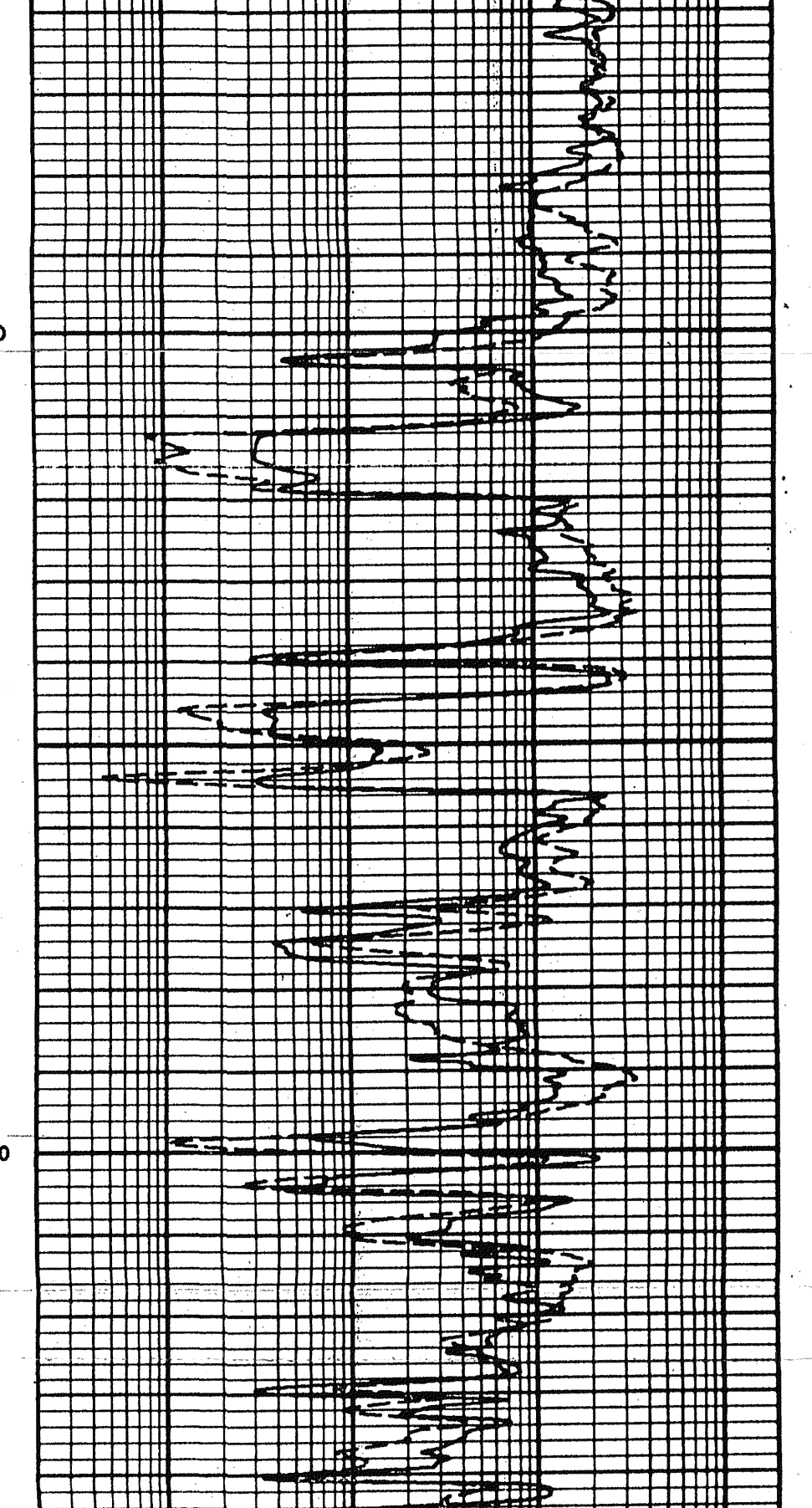
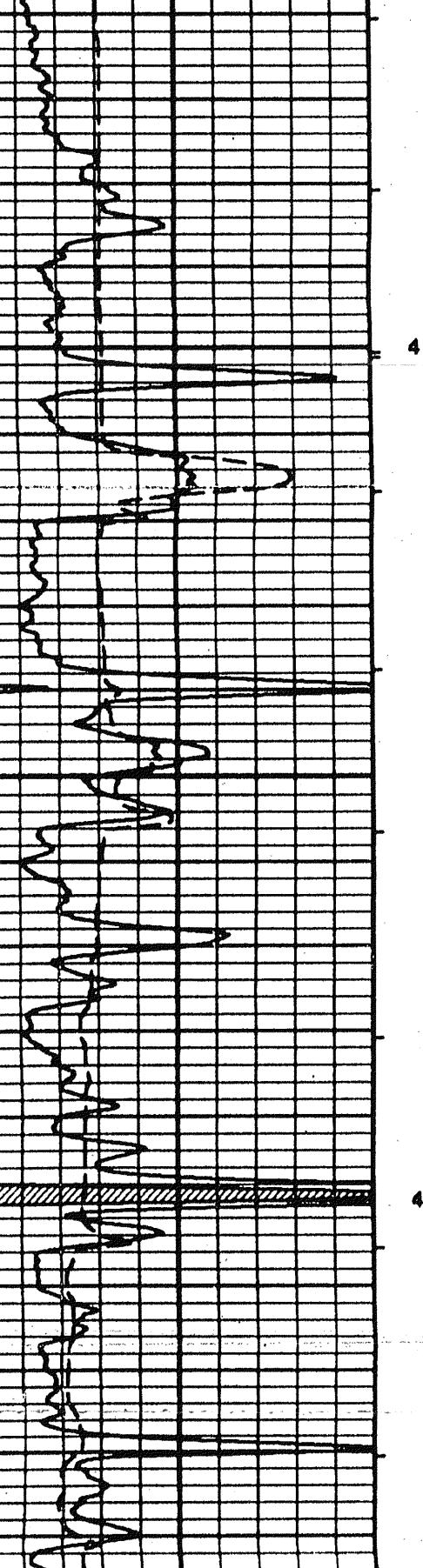
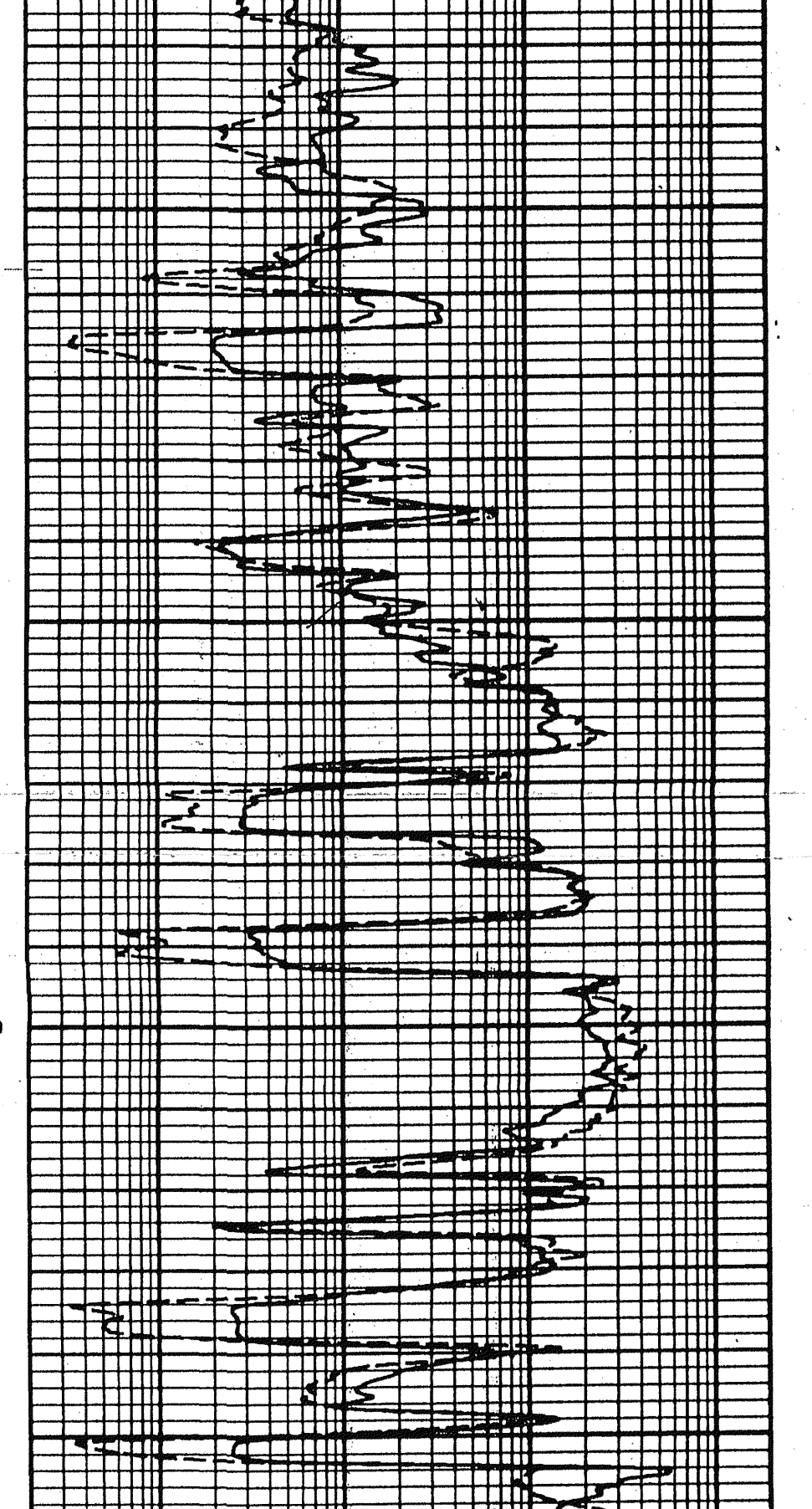
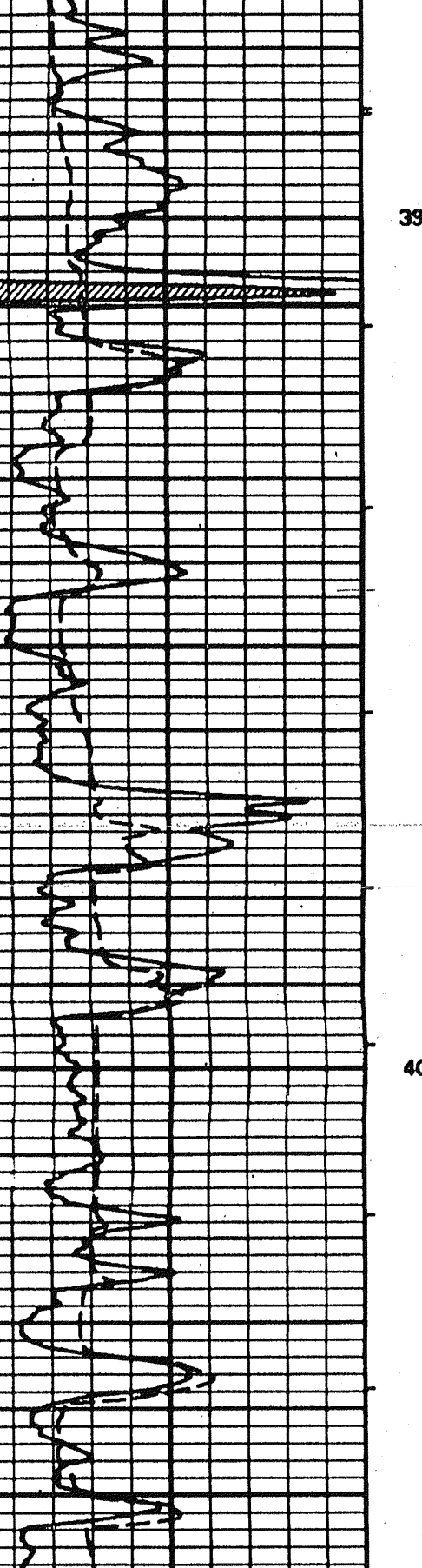
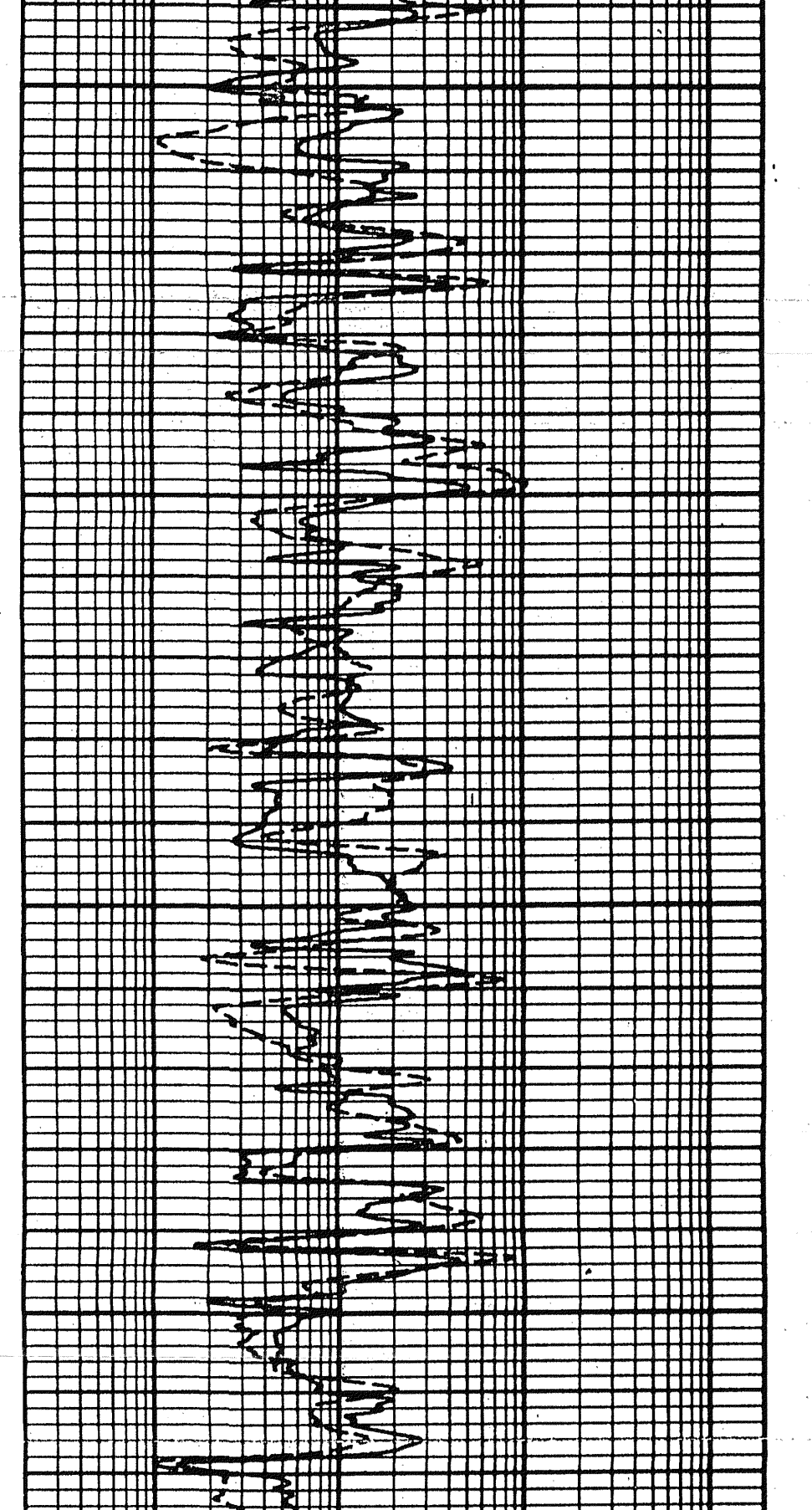
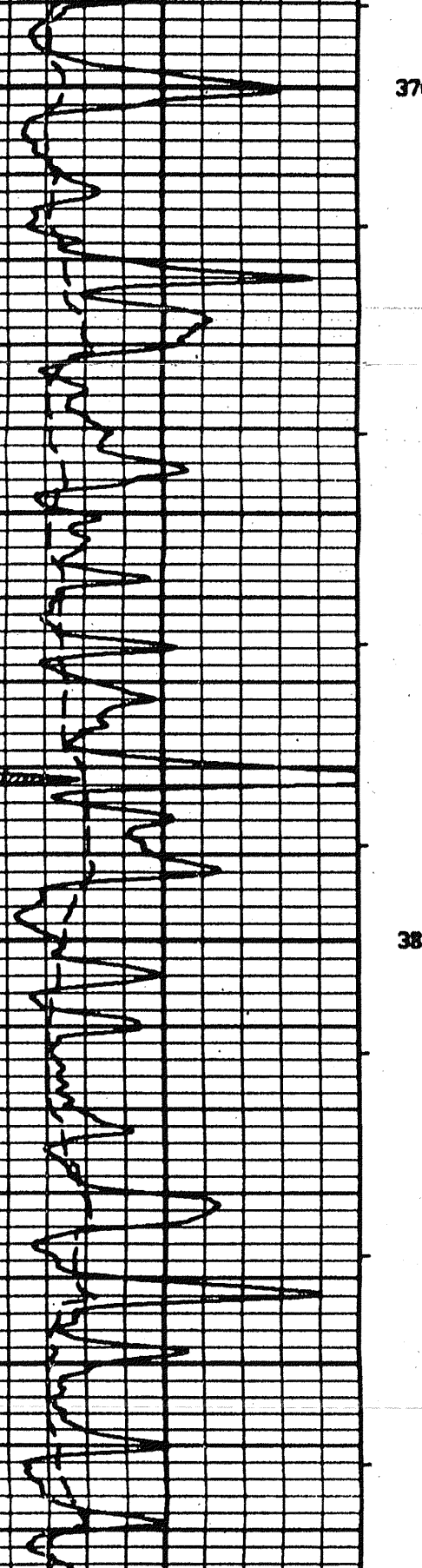
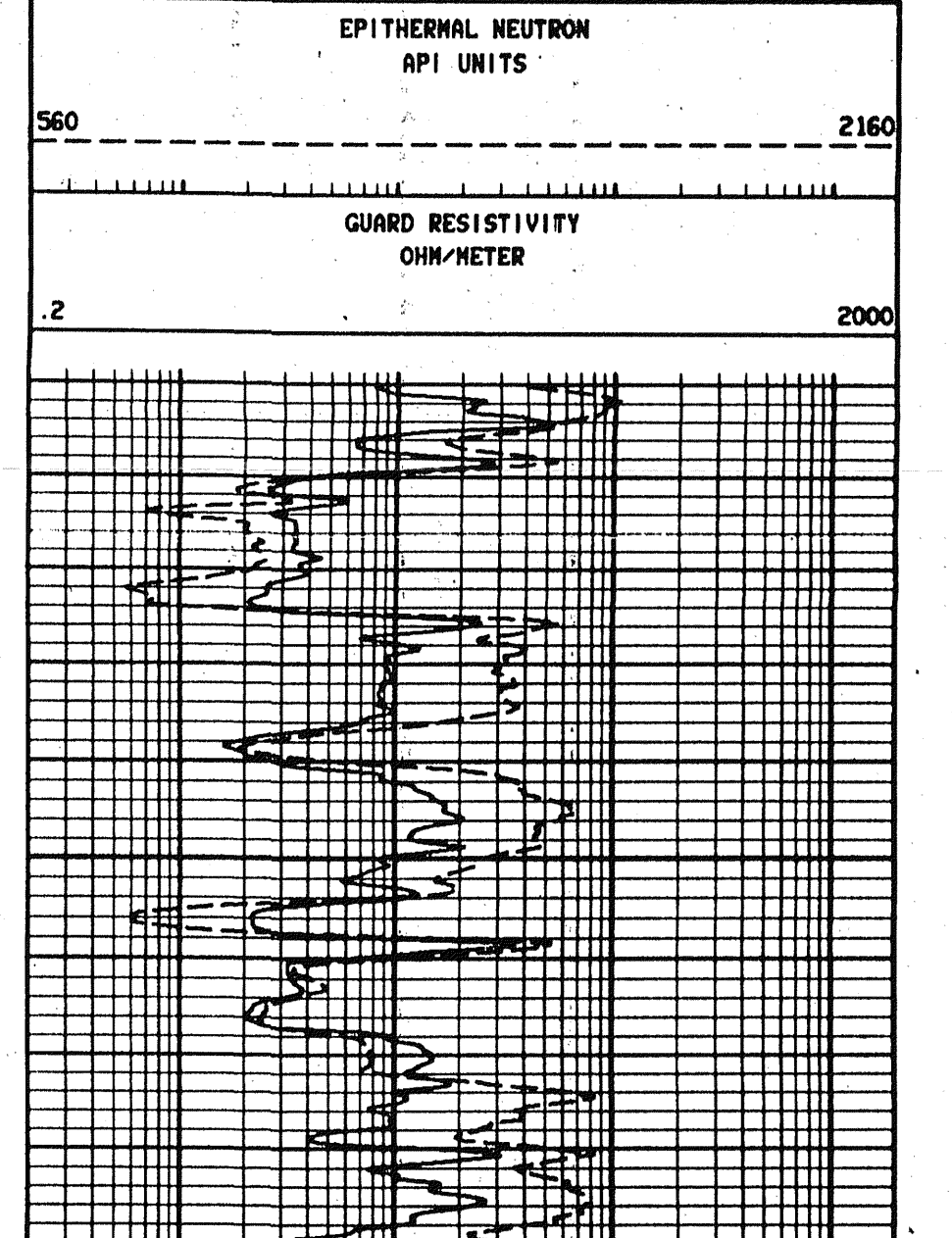
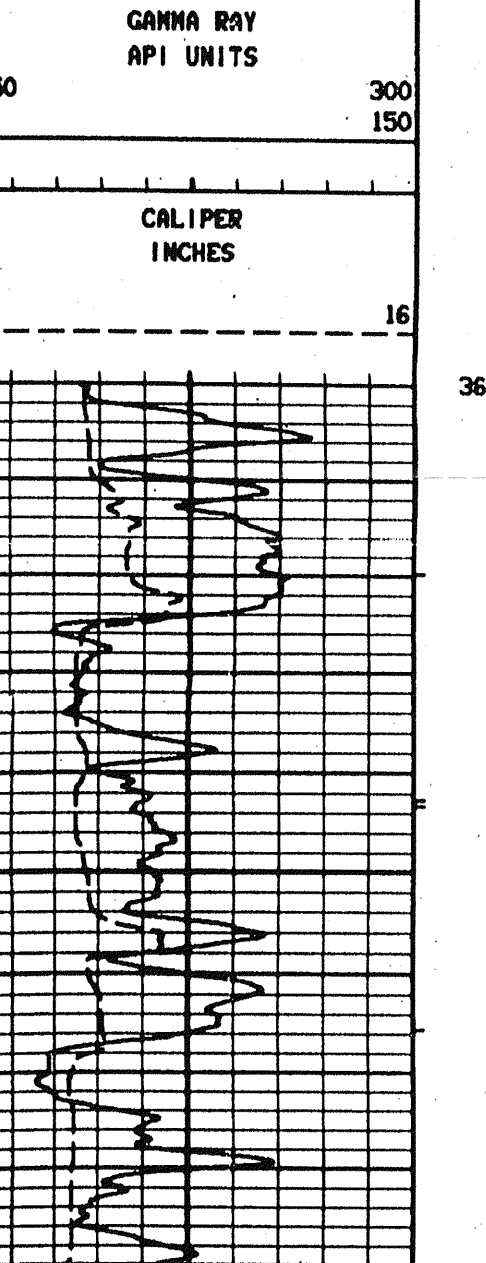
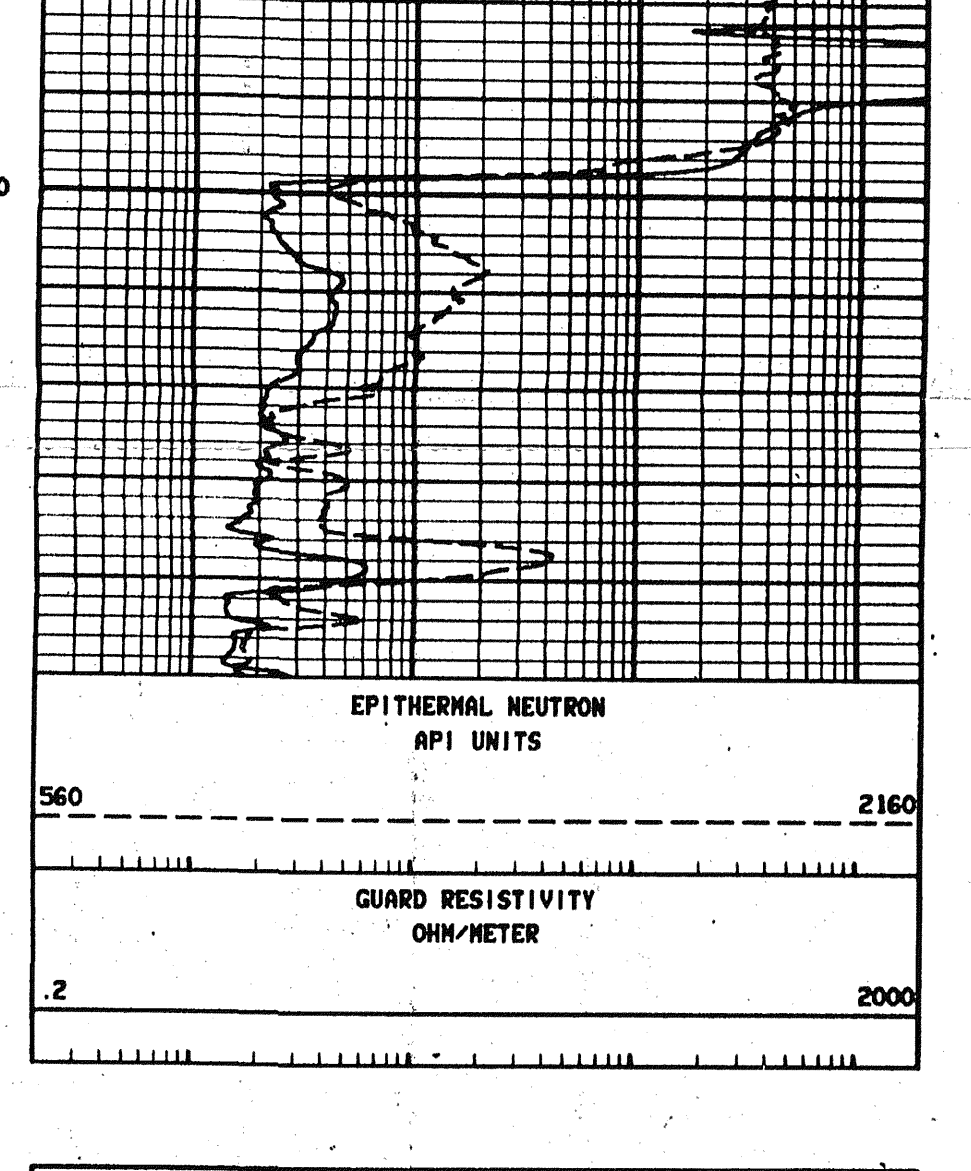
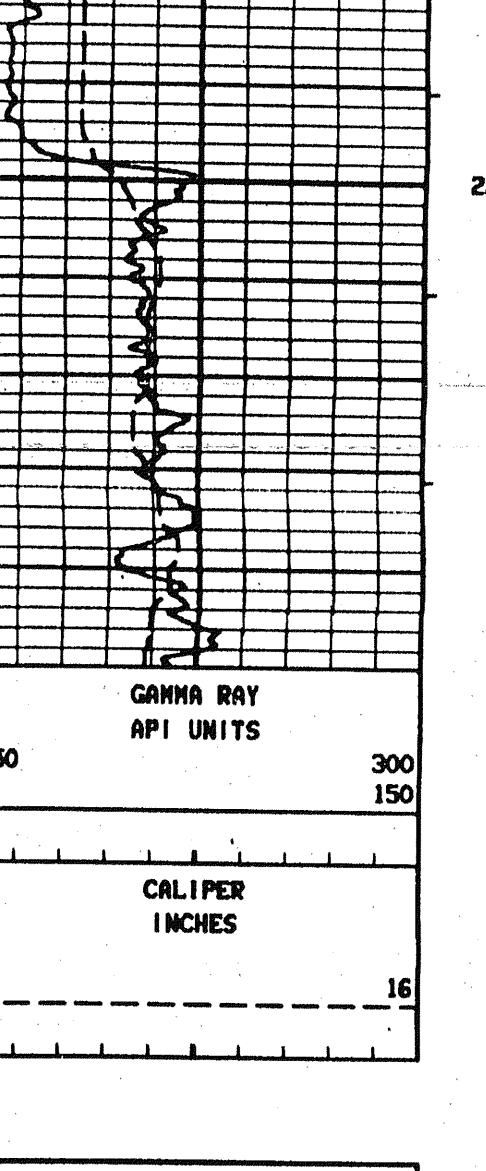
Log Depth 2100

Run No.	General		Speed F/Min	T.C. Sec.	Gamma Ray				Neutron			
	From	To			Sens. Settings	Zero Div. L or R	API G.R. Units Per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units Per Log Div.	
ONE	TH	3000	25		150	00	35	2360	7L	50		
TWO	2250	2000	25		150	00	35	2360	7L	50		

Reference Literature:

Remarks:

Log Tech, Inc. does not guarantee the accuracy of any interpretation of log data. Any use of such data, interpretations, conclusions, or recommendations which may be given by Log Tech, Inc. is based on the best information available to us at the time of logging or any other time. Any use of such data, interpretations, conclusions, or recommendations without the express written consent of Log Tech, Inc. is not responsible, except where due to gross negligence or willful misconduct. Log Tech, Inc. is not responsible for any loss, damages, or expenses resulting from the use thereof.





Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

August 17, 2015

Frank Taggart  
NAE, Inc.  
317 SIDNEY BAKER S  
PMB 137  
KERRVILLE, TX 78028

Re: ACO-1  
API 15-101-21509-00-01  
Fred 1-14  
NW/4 Sec.14-17S-29W  
Lane County, Kansas

Dear Frank Taggart:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 03/09/2015 and the ACO-1 was received on August 16, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department