



KANSAS CORPORATION COMMISSION 1107398
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33596
Name: Unit Petroleum Company
Address 1: 7130 S LEWIS AVE
Address 2: STE 1000
City: TULSA State: OK Zip: 74136 + 5492
Contact Person: Brent Keys
Phone: (918) 477-4510
CONTRACTOR: License # 34663
Name: Union Drilling, Inc.
Wellsite Geologist: Rob Wilson
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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>4/1/2012</u>	<u>4/13/2012</u>	<u>4/13/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21827-00-00

Spot Description: _____
S2 S2 S2 SE Sec. 20 Twp. 34 S. R. 8 East West
250 Feet from North / South Line of Section
1320 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Harper
Lease Name: Kitts Well #: SWD #1
Field Name: _____

Producing Formation: Arbuckle
Elevation: Ground: 1264 Kelly Bushing: 1281
Total Depth: 6812 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 230 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: 9000 ppm Fluid volume: 2720 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Gray Mud Disposal LLC
Lease Name: Gray SWD #2 License #: 0000
Quarter SW Sec. 15 Twp. 24 S. R. 7 East West
County: Garfield Permit #: 284167

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

- Letter of Confidentiality Received
Date: 01/21/2013
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 01/22/2013

1107398

Operator Name: Unit Petroleum Company Lease Name: Kitts Well #: SWD #1
Sec. 20 Twp. 34 S. R. 8 County: Harper

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically
List All E. Logs Run:
Induction Porosity Microlog

Table with 3 columns: Name, Top, Datum. Rows include Heebner, Lansing/KC, Stark Shale, Mississippi, Viola, and Arbuckle.

CASING RECORD table with columns: 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 table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.

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

TUBING RECORD: Size, Set At, Packer At, Liner Run (Yes/No)
Date of First, Resumed Production, SWD or ENHR.
Producing Method: Flowing, Pumping, Gas Lift, Other (Explain)
Estimated Production Per 24 Hours: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: Vented, Sold, Used on Lease
METHOD OF COMPLETION: Open Hole, Perf., Dually Comp., Commingled, Other (Specify)
PRODUCTION INTERVAL:

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>UNIT Petro</i>	Lease No.	Date <i>04-01-12</i>
Lease <i>KITTS SWD</i>	Well # <i>1</i>	
Field Order # <i>6051</i>	Station <i>PRATT KS</i>	Casing <i>3/8</i>
		Depth <i>334'</i>
Type Job <i>CWJ 13 3/8 Sulfocell</i>	Formation	County <i>HARPER</i>
		State <i>KS</i>
		Legal Description <i>20-34-8</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>13 3/8</i>				Pre Pad	Max		5 Min.	
Depth <i>334'</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>30</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>Sulfocell</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>194'</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert [Signature]</i>
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Service Units	<i>37910</i>	<i>33718</i>	<i>20970</i>	<i>19832</i>	<i>01010</i>	<i>19831</i>	<i>19842</i>			
Driver Names	<i>Sullivan</i>	<i>Mickal</i>	<i>Phyo</i>			<i>PIRSON</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>5:40</i>	<i>100</i>				<i>at loc softy mptg</i>
					<i>Run 5 STS 13 3/8 #48 CSG.</i>
					<i>BASED #4 out 1, 3, 5</i>
					<i>Insert float</i>
<i>6:00</i>					<i>CASING on bottom</i>
<i>6:10</i>					<i>Hook Rip circ.</i>
<i>6:30</i>	<i>250</i>		<i>4</i>	<i>3</i>	<i>It SPACER</i>
				<i>5</i>	<i>It mixing cont 395 cement 2% cc 1/4" 56 Cellul</i>
			<i>84</i>		<i>cont mixed.</i>
				<i>9.5</i>	<i>It Disp</i>
<i>7:00</i>	<i>350</i>		<i>32</i>		<i>plug down</i>
					<i>circ 30 BAC cont to pit</i>
					<i>Job complete</i>
					<i>Thank you</i>



energy services, L.P.

TREATMENT REPORT

Customer <i>UNIT PETAU</i>	Lease No.	Date <i>04-05-12</i>
Lease <i>KITTS SWO</i>	Well # <i>1</i>	
Field Order # <i>0053</i>	Station <i>PRATT KS</i>	Casing <i>9 5/8</i>
		Depth <i>1535'</i>
Type Job <i>CNW 9 5/8 Section</i>	Formation	Legal Description <i>20-34-8</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>7-1/8</i>								
Depth	Depth	From	To	Pre Pad	Max			5 Min.
<i>1535'</i>								
Volume	Volume	From	To	Pad	Min			10 Min.
<i>115'</i>								
Max Press	Max Press	From	To	Frac	Avg			15 Min.
<i>1,000</i>								
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
<i>Swirl</i>								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
<i>1775'</i>								

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
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Service Units	<i>37900</i>	<i>19909</i>	<i>19903</i>	<i>19960</i>	<i>19978</i>	<i>19931</i>	<i>21010</i>			
Driver Names		<i>Coleman</i>		<i>Phip</i>		<i>Lowmire</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:00</i>					<i>on loc safety meeting</i>
					<i>RUN 37.5TT 9 5/8 36" CSG.</i>
<i>5:30</i>					<i>CASING ON BOTTOM</i>
<i>5:40</i>					<i>Hook Up Circ</i>
<i>6:45</i>	<i>200</i>		<i>5</i>	<i>3</i>	<i>SPACER</i>
			<i>113</i>	<i>4.5</i>	<i>Mix A-COD cement 300stk 3%cc 1/4 cellite</i>
			<i>64</i>		<i>Mix Tail cement 300stk 3%cc 1/4 cellite</i>
					<i>CMT mixed</i>
				<i>4</i>	<i>RT DND</i>
			<i>60</i>	<i>2.5</i>	<i>SLOW RATE</i>
<i>8:00</i>	<i>500</i>		<i>115</i>		<i>Plug down</i>
					<i>Release PSI Float Hold</i>
					<i>Circ 25 bbl to Pit</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>

Customer	UNIT Petro	Lease No.		Date	
Lease	KITTS SWN	Well #	1		04-11-12
Field Order #	Station	Casing"	Depth	County	State
	PRATT KS	7	5372'	HARPER	KS
Type Job	Formation	Legal Description			
CNW 7" Long Stds		20-34-8			

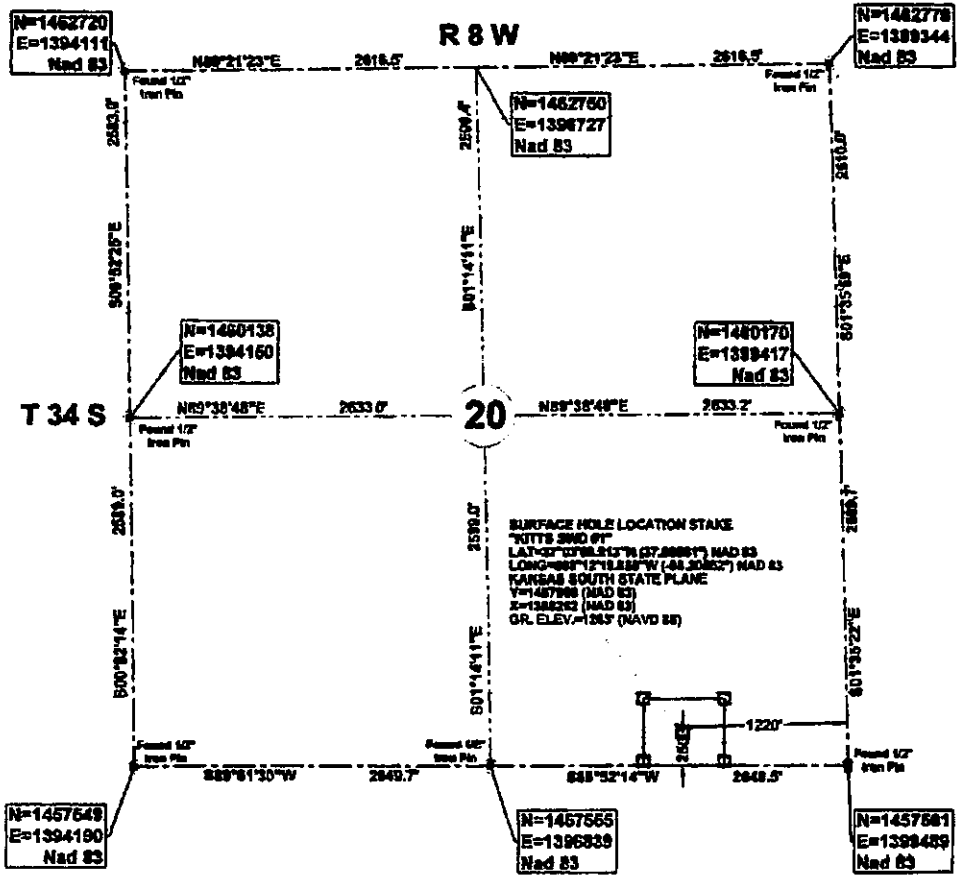
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size"	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
7"								
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
5372'								
Volume	Volume	From	To	Pad	Min		10 Min.	
203								
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
2000								
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
P.C.								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
5376'								

Customer Representative	Station Manager	Treater
	DAVE SCOTT	Robert Sullivan

Service Units	37900	33708	20920	19960	19918				
Driver Names	Sullivan	Melson		Phye					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:45					on loc. safety meeting
					RUN 1222 JTS 7" 26 csc.
8:00					CASING ON BOTTOM
8:15					HOOK UP TO CIRC.
10:20	400		12	3	RT mud flush
			5		SPACER
			39	5	MIX 1155K A-CONCENT @ 12.0 PPM
					2% CC 2% C-45 2% 94PSUM 1/4 ST COLTAK
	500		36		MIX 140 ST AA-2 CONCENT @ 15.0 PPM 1.5% FLUID LOSS
					.3% C-37 .2% MECHANICAL 5% GYPHOS 10% SALT
					.5 1/4 GYSONITE .25% COLTAK
					CONC MIXED DOT DOWN WASH, PUMP, LIDEN
					Relias Wap
	300			6	RT Drip
	850		145		lift Psi
	1300			4	Slow Rate
11:25	2000		203		Plug down
					50B-Complete
					Thank you

Section 20, T 34 S, R 8 W., Harper County, Kansas.



48 HOURS BEFORE YOU DIG...
CALL KANSAS ONE-CALL
1-800-344-7233



Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services. Contractor is responsible for contacting all utility companies prior to construction.

Description: Surface Hole Location Stake "Kitts SWD #1" situated 250 feet from the south section line and 1220 feet from the east section line of Section 20, T 34 S, R 8 W., Harper County, Kansas.

We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately.

02-15-12
[Signature]

Survey is valid only if print has original seal and signature of surveyor present

NEARINGS (NAD 83) KANSAS SOUTH STATE PLANE COORDINATES

LEGEND
- - - - - SECTION LINE
- - - - - 1/4 SECTION LINE

	JVIDENS LAND SURVEY CO., INC. 1210 18TH STREET P.O. BOX 943 WOODWARD, OKLAHOMA 73802 Phone 888-888-9174 - Fax 888-265-3024 jls@jvidenslandsurvey.com info@jvidenslandsurvey.com	Survey For: Unit Petroleum Co. P.O. Box 2726 Woodward, OK 73802 Attn: Jason Rummery	JOB 030-12	DATE OF PLAT 02-14-2012	SCALE 1"=1000'	SHEET 1 OF 8
	DRAWN BY R.O.L.		OKLA. CA #2084, EXP. 08/30/2012 KANSAS CA #145, EXP. 12/01/2012			

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ARRAY COMPENSATED TRUE RESISTIVITY LOG

COMPANY UNIT PETROLEUM		COMPANY UNIT PETROLEUM	
WELL KITTS SWD #1		WELL KITTS SWD #1	
FIELD WILDCAT		FIELD WILDCAT	
COUNTY HARPER		COUNTY HARPER	
STATE KANSAS		STATE KANSAS	
API No. 15-077-21827		Other Services: MICRO	
Location 250' FSL & 1320' FEL		DSNT / SDLT	
Sect. 20	Twp. 34S	Rge. 8W	
Permanent Datum	GROUND LEVEL	Elev. 1260.0 ft	Elev.: K.B. 1272.0 ft
Log measured from	KELLY BUSHING	12.0 ft above perm. Datum	D.F. 1271.0 ft
Drilling measured from	KELLY BUSHING		G.L. 1260.0 ft
Date	09-Apr-12		
Run No.	ONE		
Depth - Driller	5362.00 ft		
Depth - Logger	5347.0 ft		
Bottom - Logged Interval	5338.0 ft		
Top - Logged Interval	1535.0 ft		
Casing - Driller	9.625 in @ 1538.0 ft @		
Casing - Logger	1535.0 ft @		
Bit Size	8.750 in @		
Type Fluid in Hole	WATER BASED MUD		
Density	Viscosity	9.3 ppg	41.00 s/qt
PH	Fluid Loss	9.60 pH	8.0 cpm
Source of Sample	FLOWLINE		
Rm @ Meas. Temperature	1.200 ohmm @ 70.00 degF @		
Rmf @ Meas. Temperature	1.07 ohmm @ 66.00 degF @		
Rmc @ Meas. Temperature	1.420 ohmm @ 66.00 degF @		
Source Rmf	Rmc	MEASURED	MEASURED
Rm @ BHT	0.70 ohmm @ 131.0 degF @		
Time Since Circulation	7.4 hr		
Time on Bottom	10-Apr-12 02:54 @		
Max. Rec. Temperature	131.0 degF @ 5347.0 ft @		
Equipment	Location	10782954	LIBERAL
Recorded By	C. HAVERKAMP		
Witnessed By	R. WILSON B. KEMP		

Fold here

Service Ticket No.: 9423734		API Serial No.: 15-077-21827		PGM Version: WL INSITE R3.4.2 (Build 2)	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE					
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth-Driller					
Type Fluid in Hole					
Density	Viscosity				
Ph	Fluid Loss				
RESISTIVITY EQUIPMENT DATA					
Source of Sample	Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other
Rm @ Meas. Temp	@	ACRT	N/A	1.5" S.O.	N/A
Rmf @ Meas. Temp.	@	11256_S0784			
Rmc @ Meas. Temp.	@				
Source Rmf	Rmc				
Rm @ BHT	@				
Rmf @ BHT	@				
Rmc @ BHT	@				
EQUIPMENT DATA					
GAMMA			ACOUSTIC		
Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
ONE	ONE	ONE	ONE	ONE	ONE
Serial No.	Serial No.	Serial No.	Serial No.	Serial No.	Serial No.
10811258	10811258	10811258	10811258	10811258	10811258
Model No.	Model No.	Model No.	Model No.	Model No.	Model No.
GTE	GTE	GTE	GTE	GTE	GTE
Diameter	Diameter	Diameter	Diameter	Diameter	Diameter
3.625"	3.625"	3.625"	3.625"	3.625"	3.625"
Detector Model No.	Detector Model No.	Detector Model No.	Detector Model No.	Detector Model No.	Detector Model No.
T-102	T-102	T-102	T-102	T-102	T-102
Type	Type	Type	Type	Type	Type
SCINT	SCINT	SCINT	SCINT	SCINT	SCINT
Length	Length	Length	Length	Length	Length
8'	8'	8'	8'	8'	8'
Distance to Source	Distance to Source	Distance to Source	Distance to Source	Distance to Source	Distance to Source
10'	10'	10'	10'	10'	10'
LOGGING DATA					
DENSITY			NEUTRON		
Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
Serial No.	Serial No.	Serial No.	Serial No.	Serial No.	Serial No.
Model No.	Model No.	Model No.	Model No.	Model No.	Model No.
Diameter	Diameter	Diameter	Diameter	Diameter	Diameter
Log Type	Log Type	Log Type	Log Type	Log Type	Log Type
Source Type	Source Type	Source Type	Source Type	Source Type	Source Type
Serial No.	Serial No.	Serial No.	Serial No.	Serial No.	Serial No.
Strength	Strength	Strength	Strength	Strength	Strength

GENERAL			GAMMA		ACOUSTIC		DENSITY			NEUTRON				
Run	Depth		Speed	Scale		Scale		Matrix	Scale		Matrix	Scale		Matrix
No.	From	To	ft/min	L	R	L	R		L	R		L	R	
ONE	TD	CSG	REC	0	150									

DIRECTIONAL INFORMATION

Maximum Deviation @ KOP @

Remarks: SP-GTET-DSNT-SDLT-ACRT RAN IN COMBINATION.
 ANNULAR HOLE VOLUME CALCULATED FOR 7 INCH CASING.
 CHLORIDES REPORTED AT 2100 MG/L.
 LCM REPORTED AT 4 LB/BBL.
 POST TOOL SURVESYS NOT PERFORMED PER CUSTOMER REQUEST.

TODAY'S CREW: A. VAQUERA, B. TERRELL

THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES. LIBERAL, KS 620-624-8123

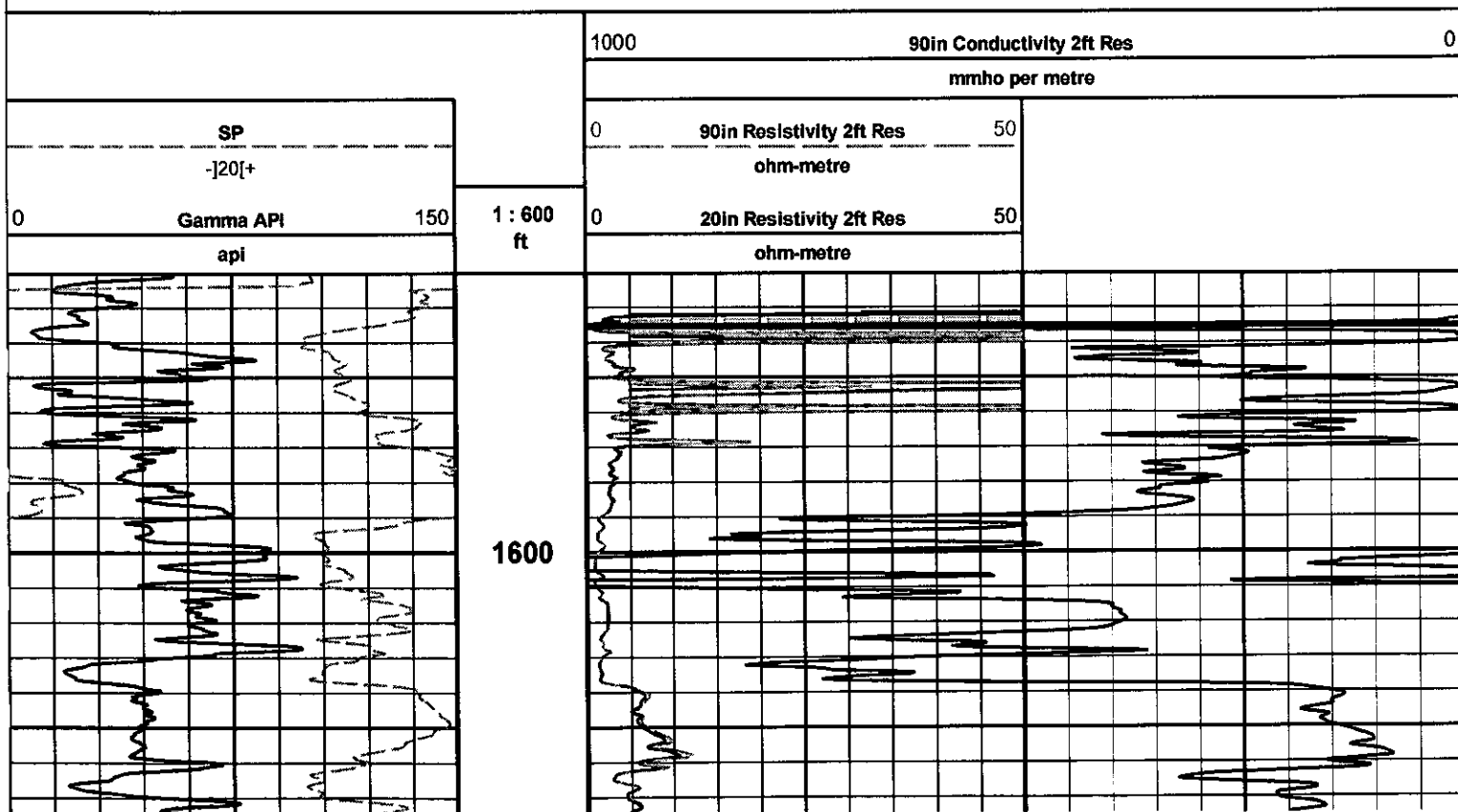
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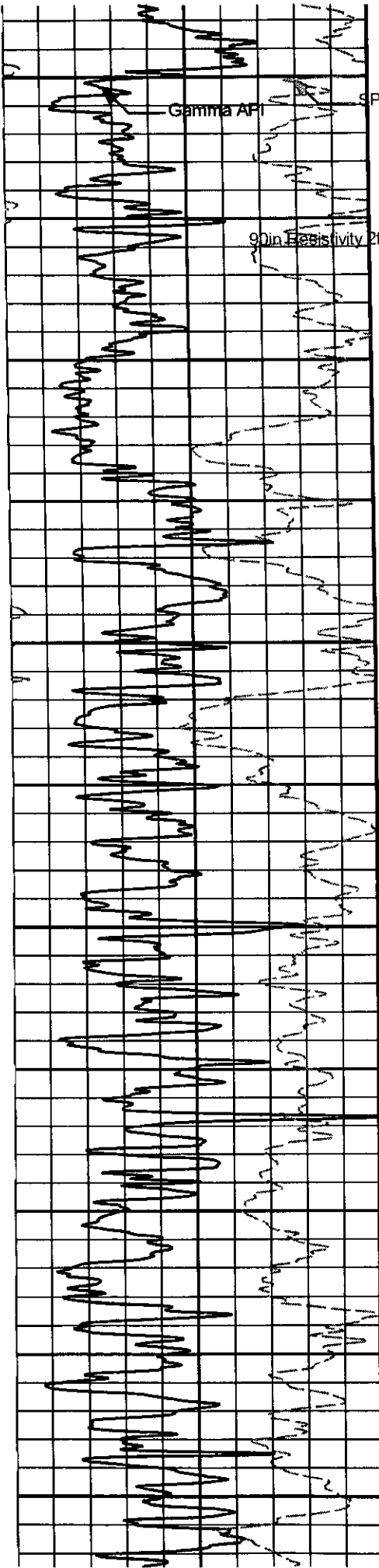
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Plot Time: 10-Apr-12 06:11:31
 Plot Range: 1520 ft to 5347.67 ft
 Data: KITTS_SWD_1\Well Based\MAIN
 Plot File: \\LOCAL\KITTS_SWD_110001 SP-GTET-DSN-SDL-ACRT-CH\ACRT\ACRT_2.lib

2 INCH MAIN LOG





1700

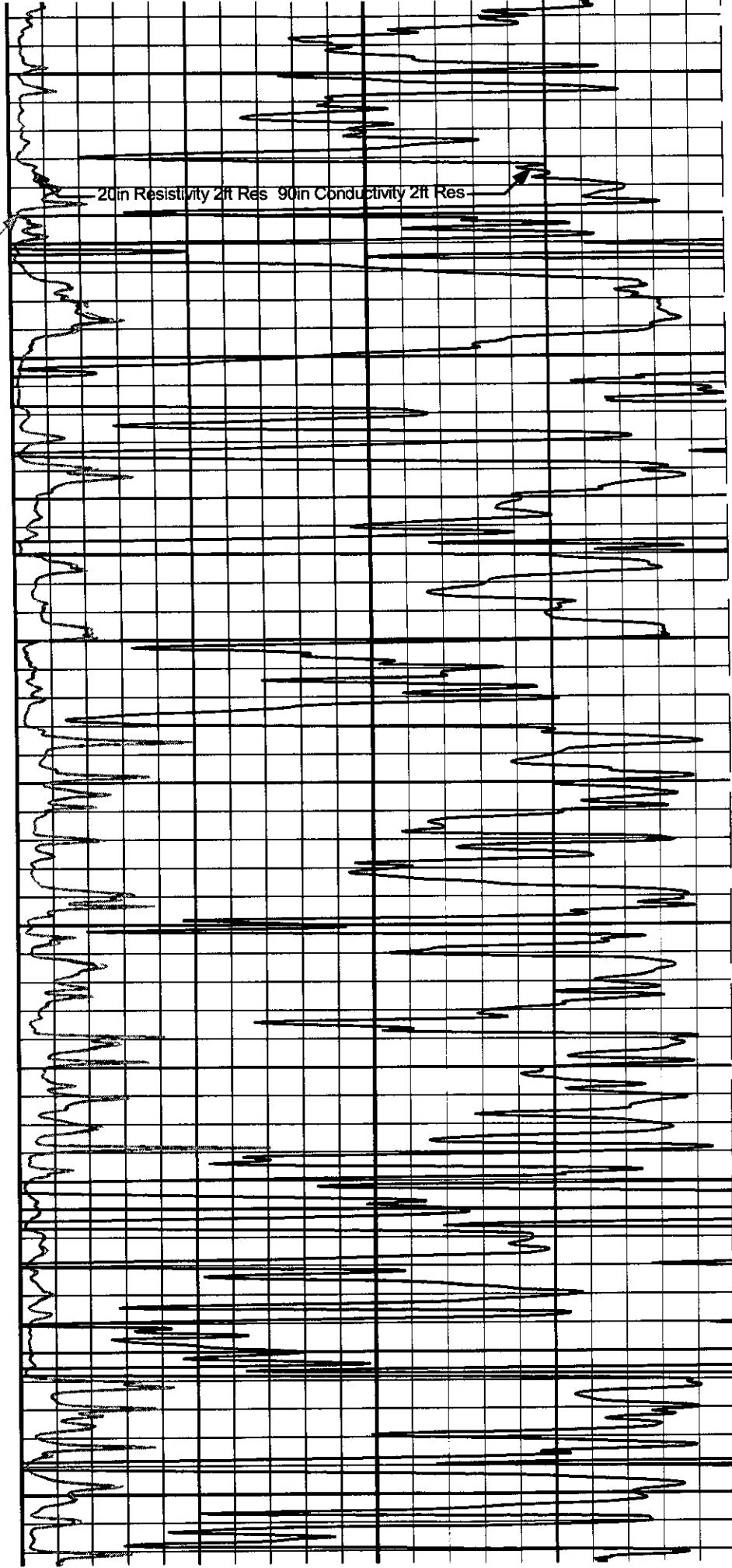
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1900

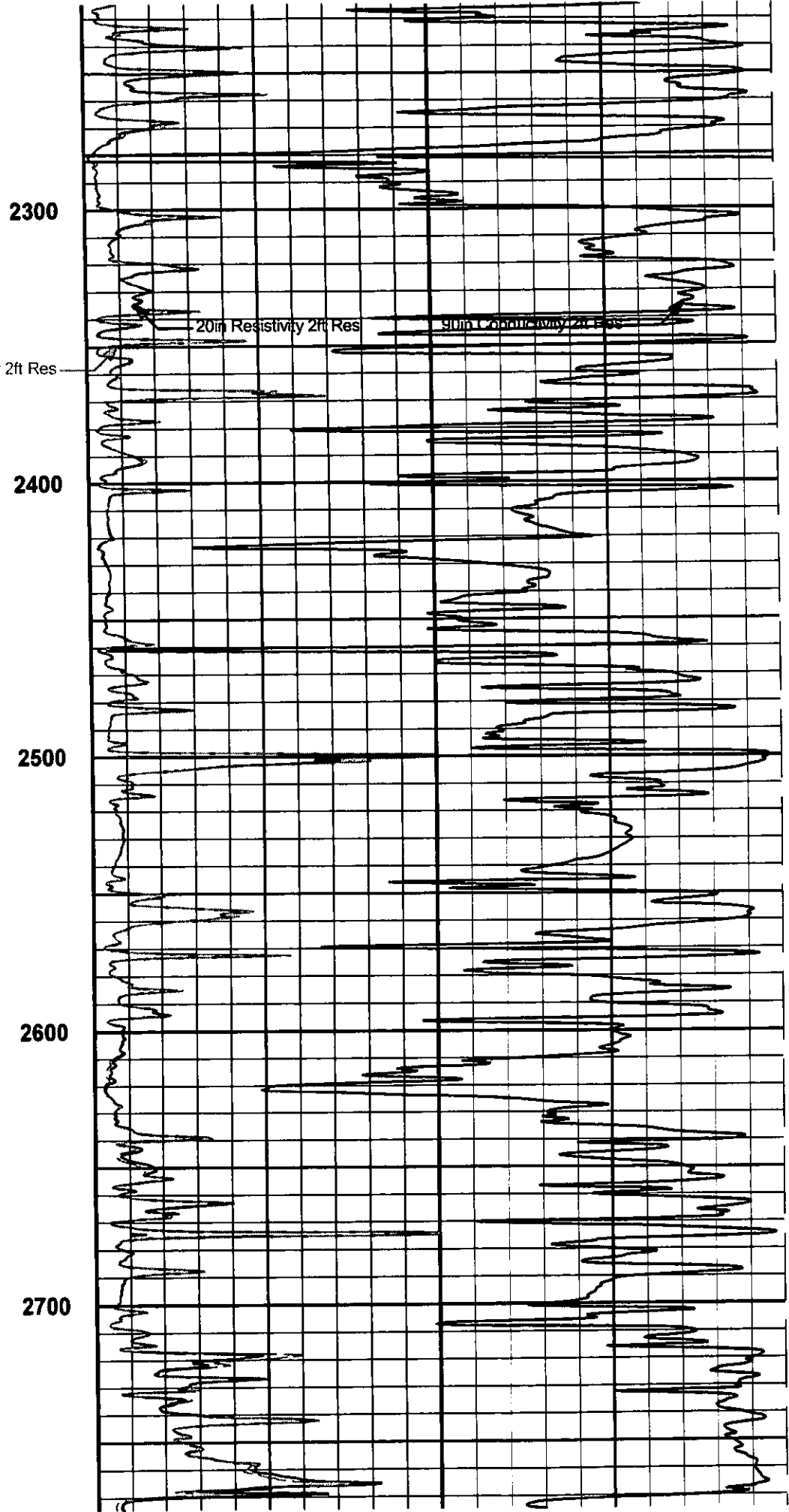
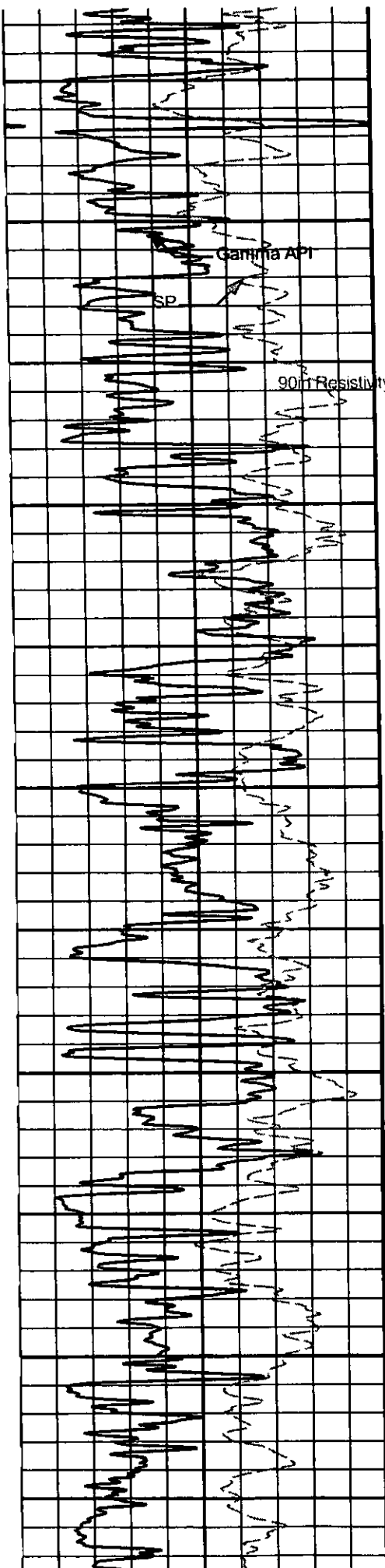
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2100

2200



20in Resistivity 2ft Res 90in Conductivity 2ft Res



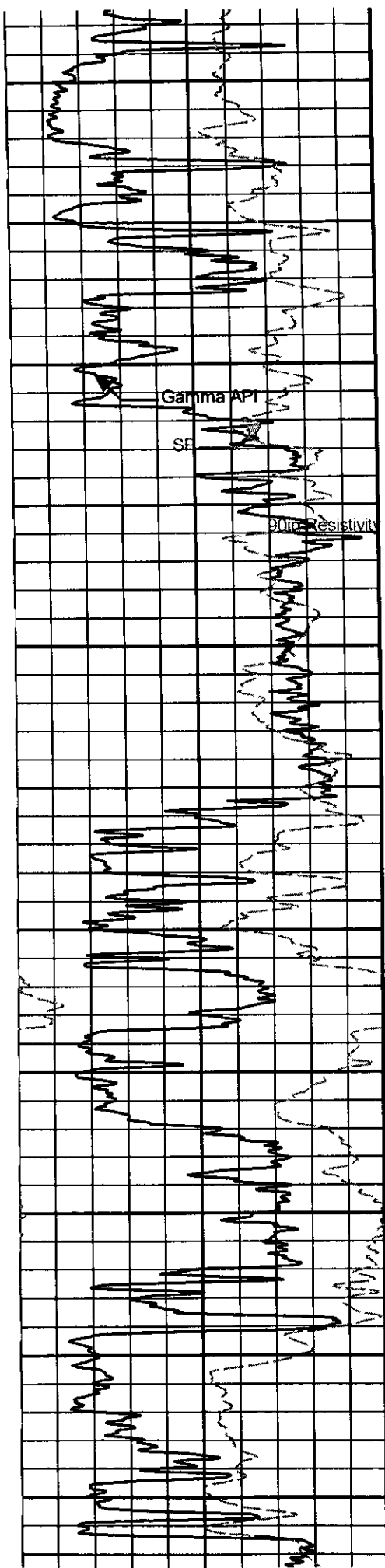
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2400

2500

2600

2700



2800

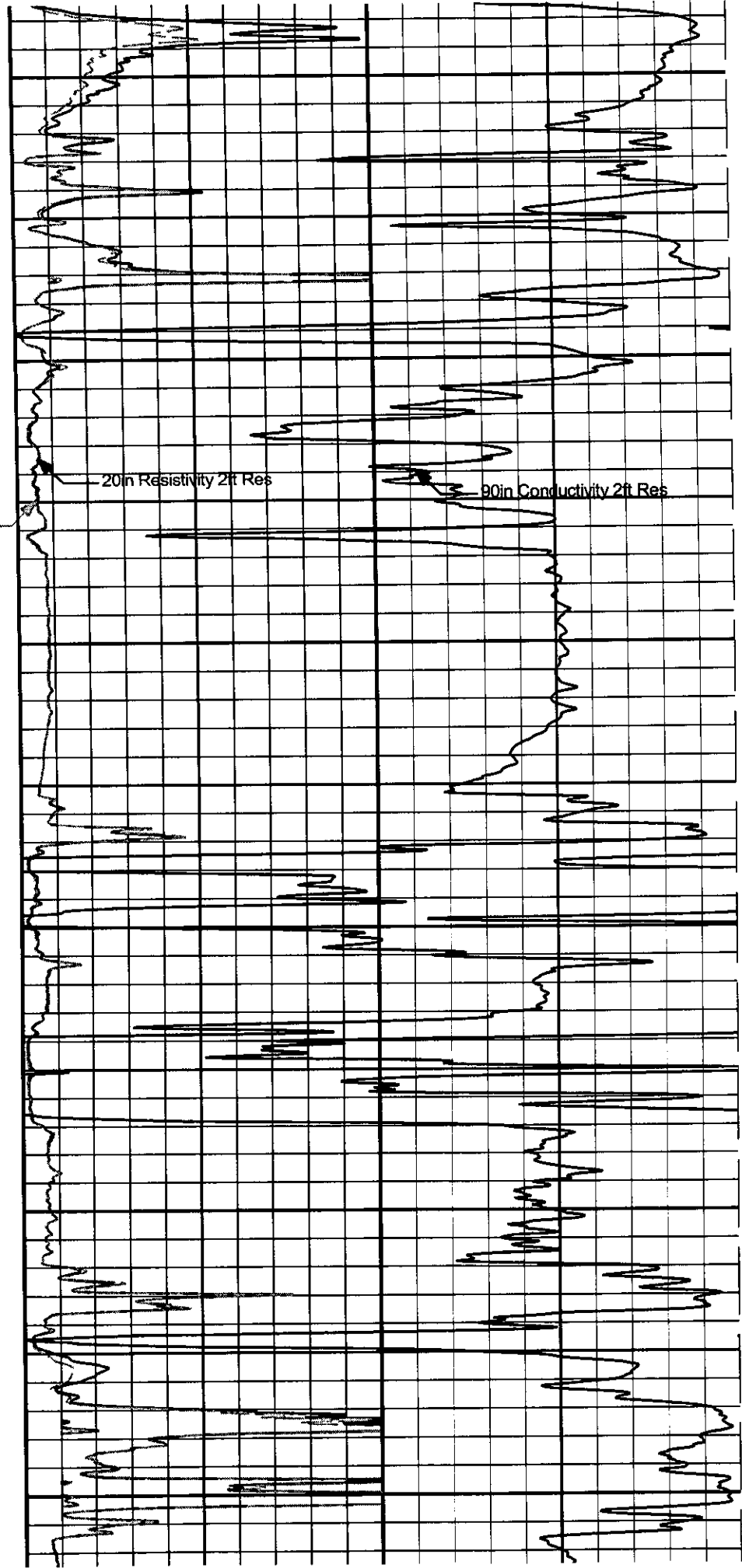
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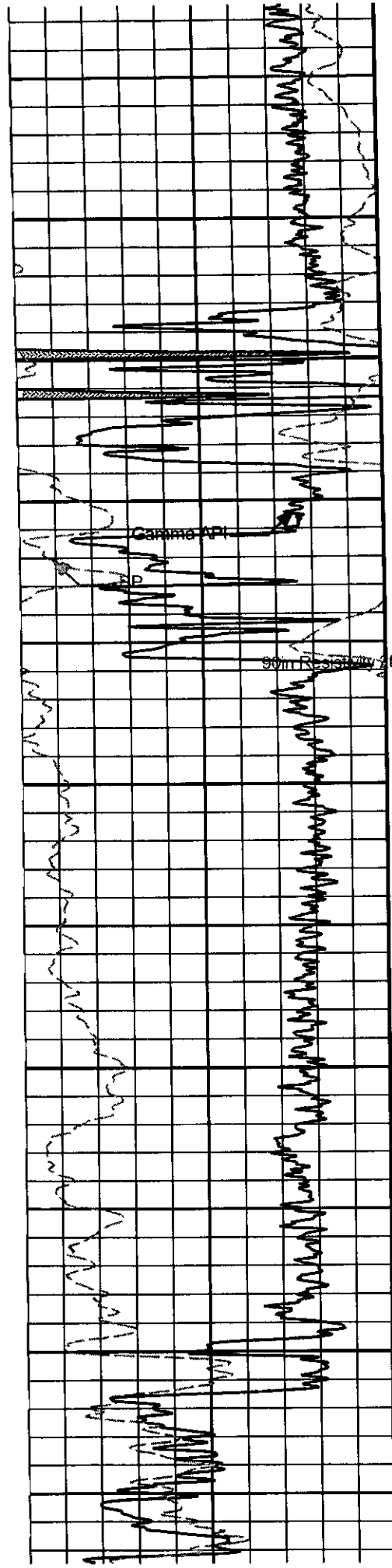
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3100

3200

3300





3400

3500

3600

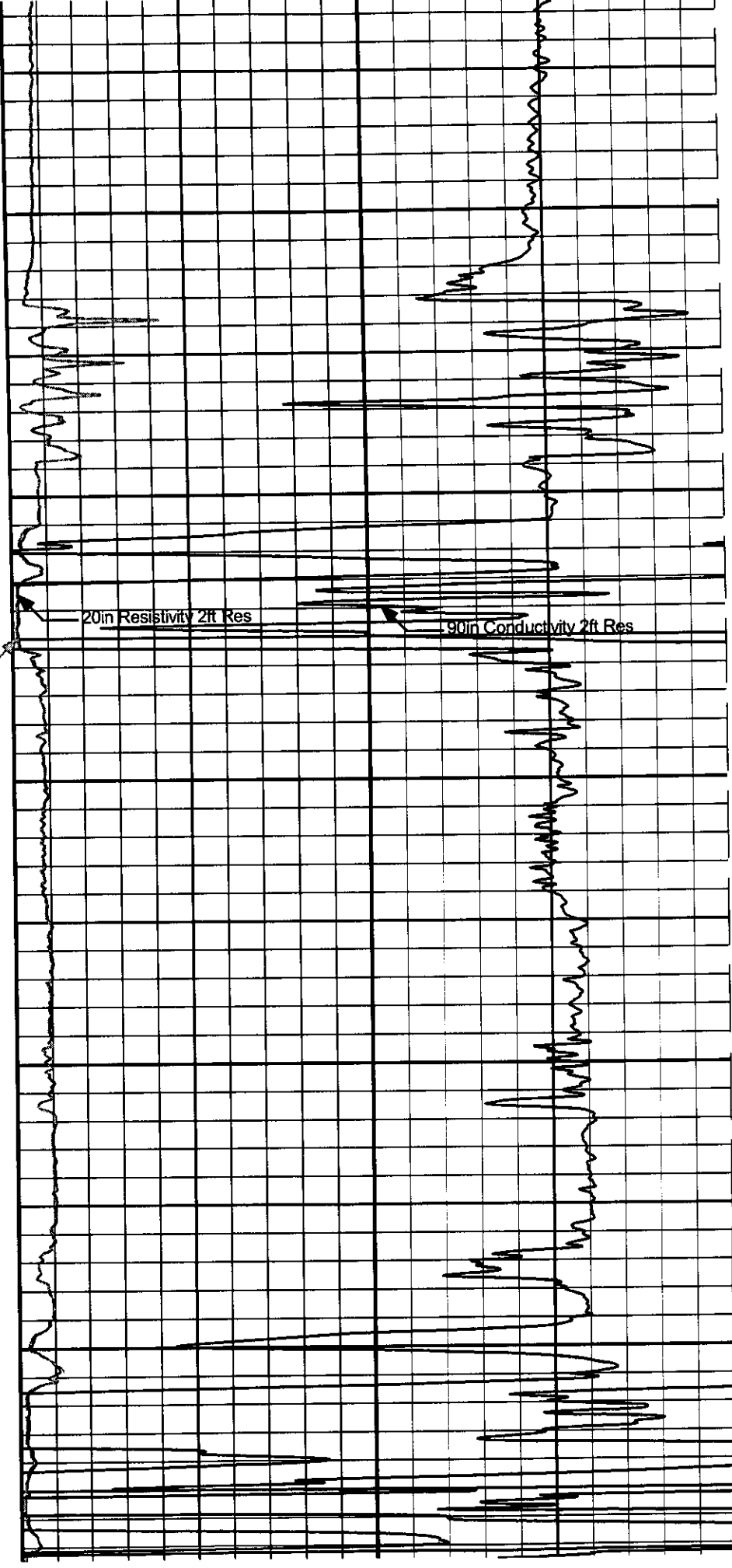
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3800

Gamma API

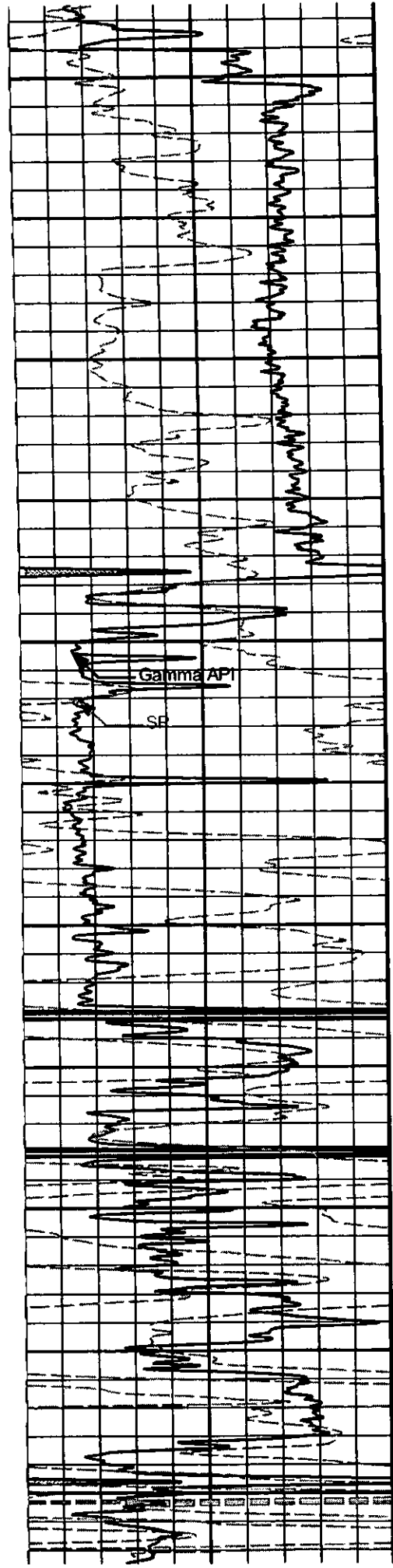
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90in Resistivity 2ft Res

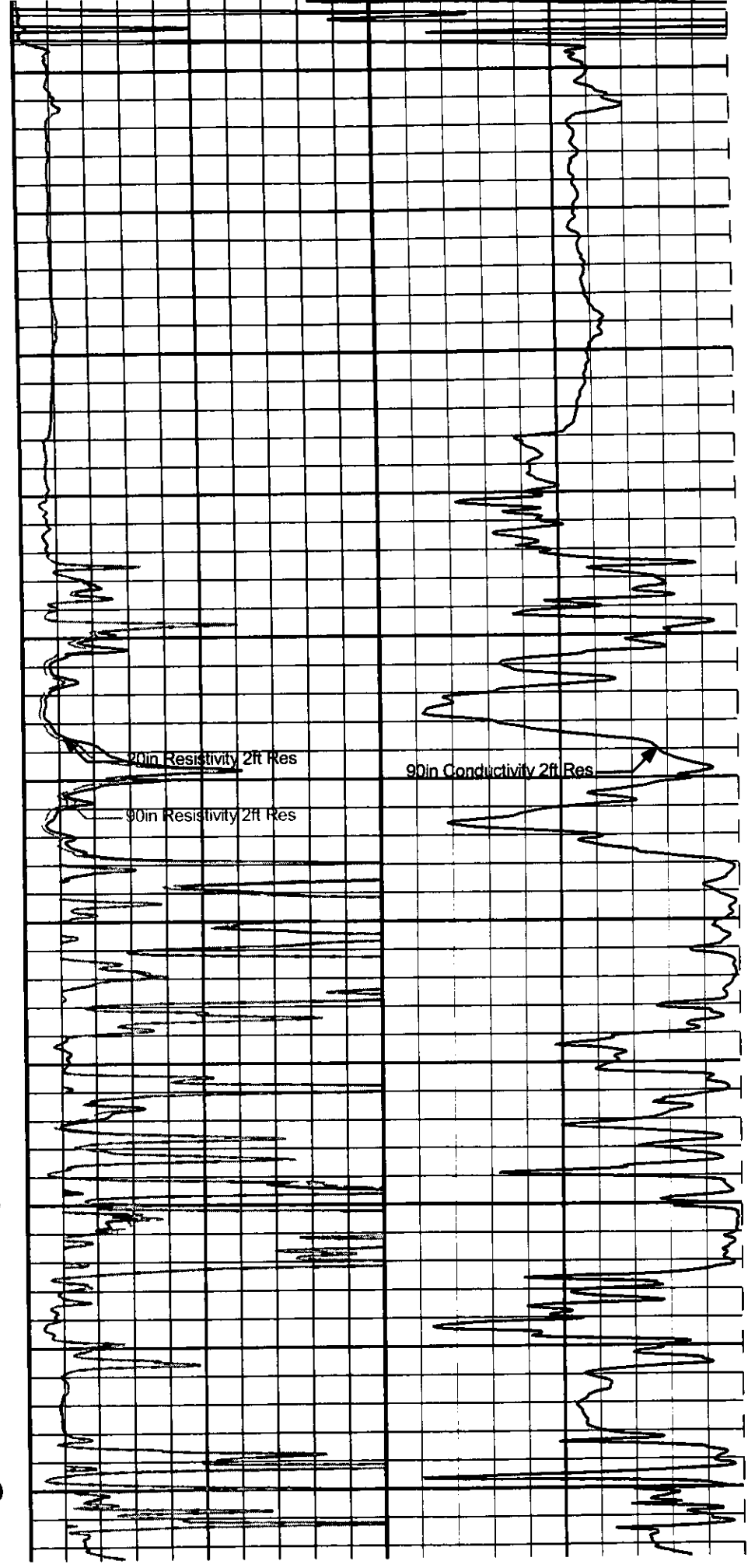


20in Resistivity 2ft Res

90in Conductivity 2ft Res

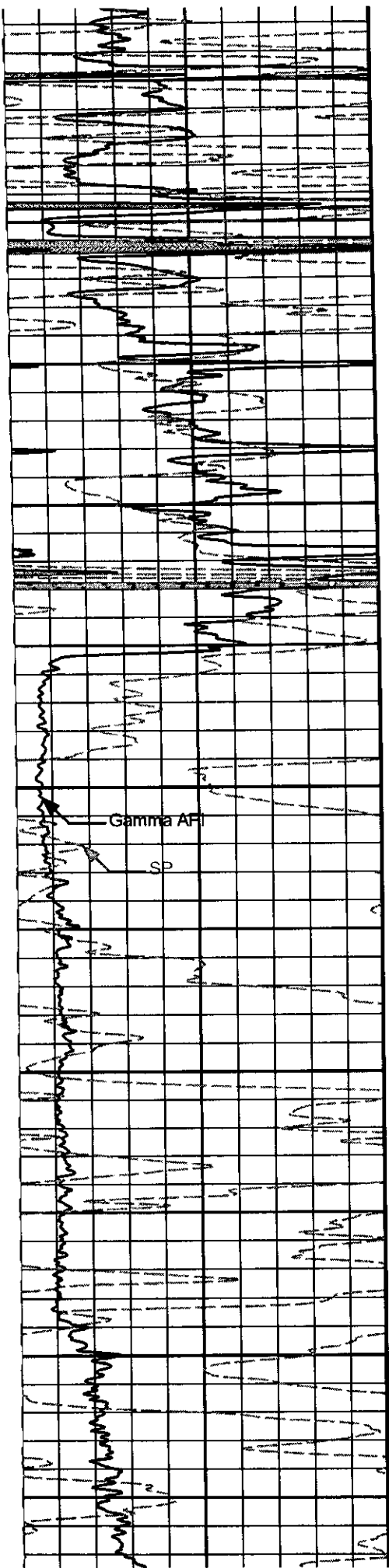


3900
4000
4100
4200
4300
4400



20in Resistivity 2ft Res
90in Resistivity 2ft Res

90in Conductivity 2ft Res



4500

4600

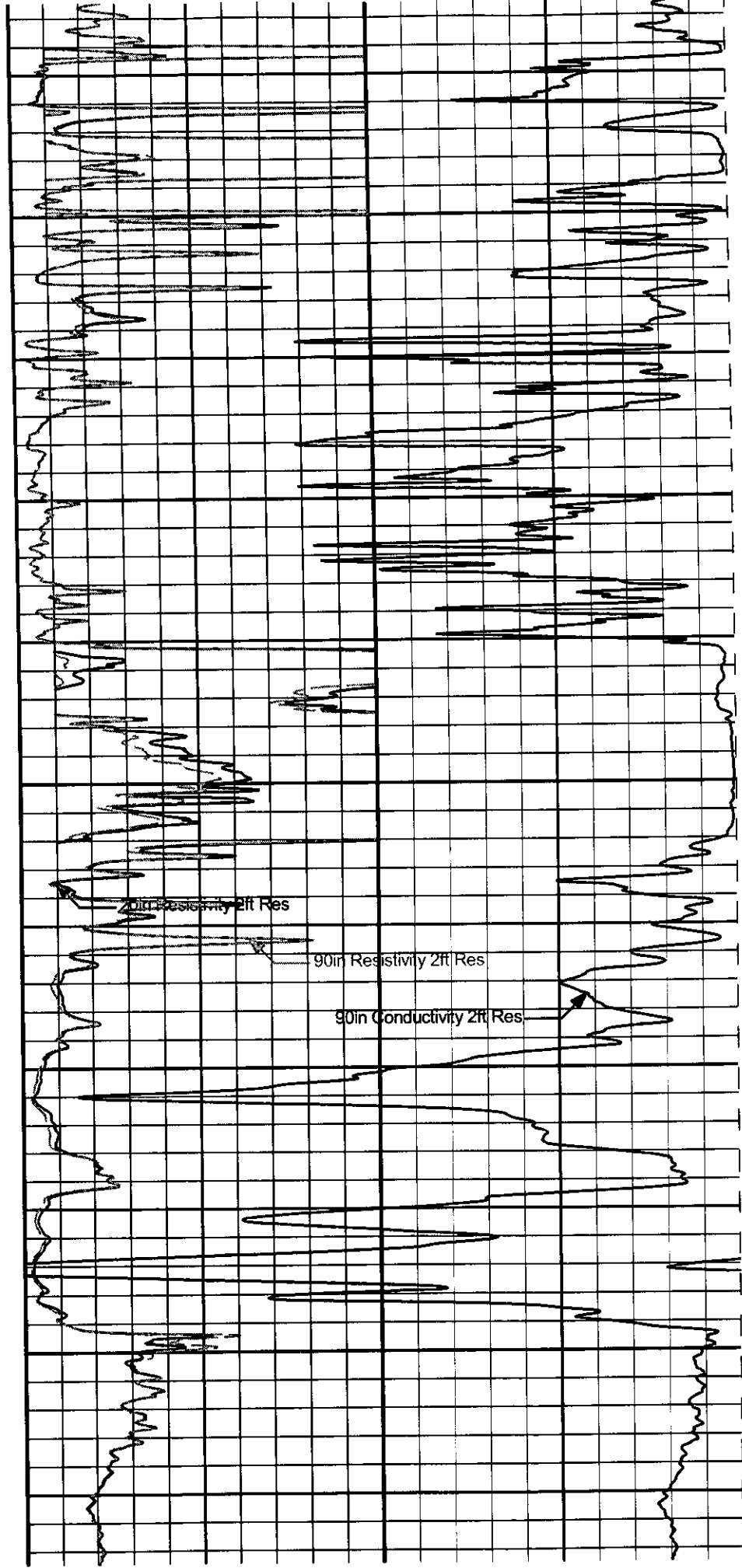
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4800

4900

Gamma Ray

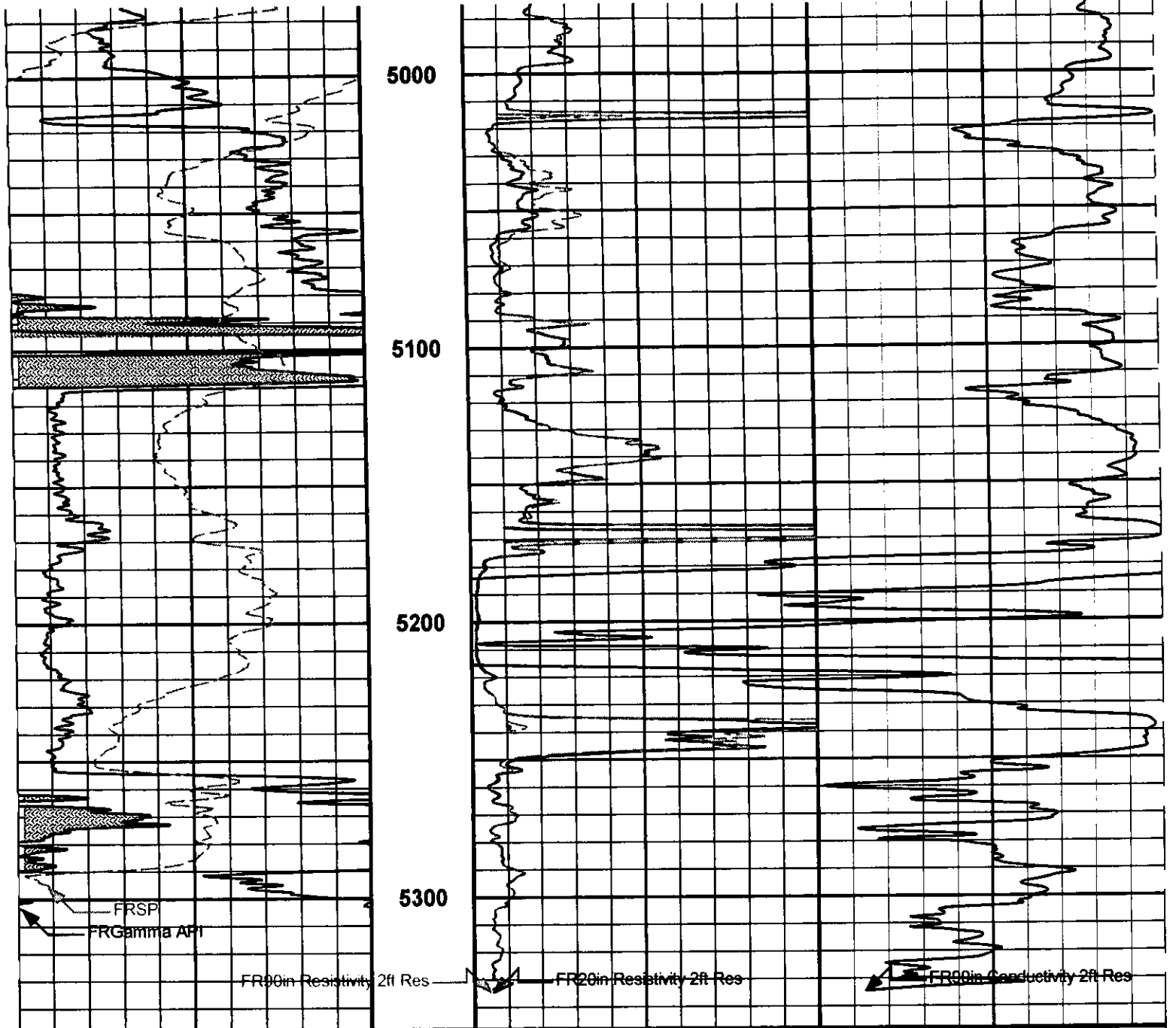
SP



20in Resistivity 2ft Res

90in Resistivity 2ft Res

90in Conductivity 2ft Res



0	Gamma API	150
	apl	
	SP	
	- 20 +	

1 : 600 ft		
0	20in Resistivity 2ft Res	50
	ohm-metre	
0	90in Resistivity 2ft Res	50
	ohm-metre	

1000	90in Conductivity 2ft Res	0
	mmho per metre	

HALLIBURTON

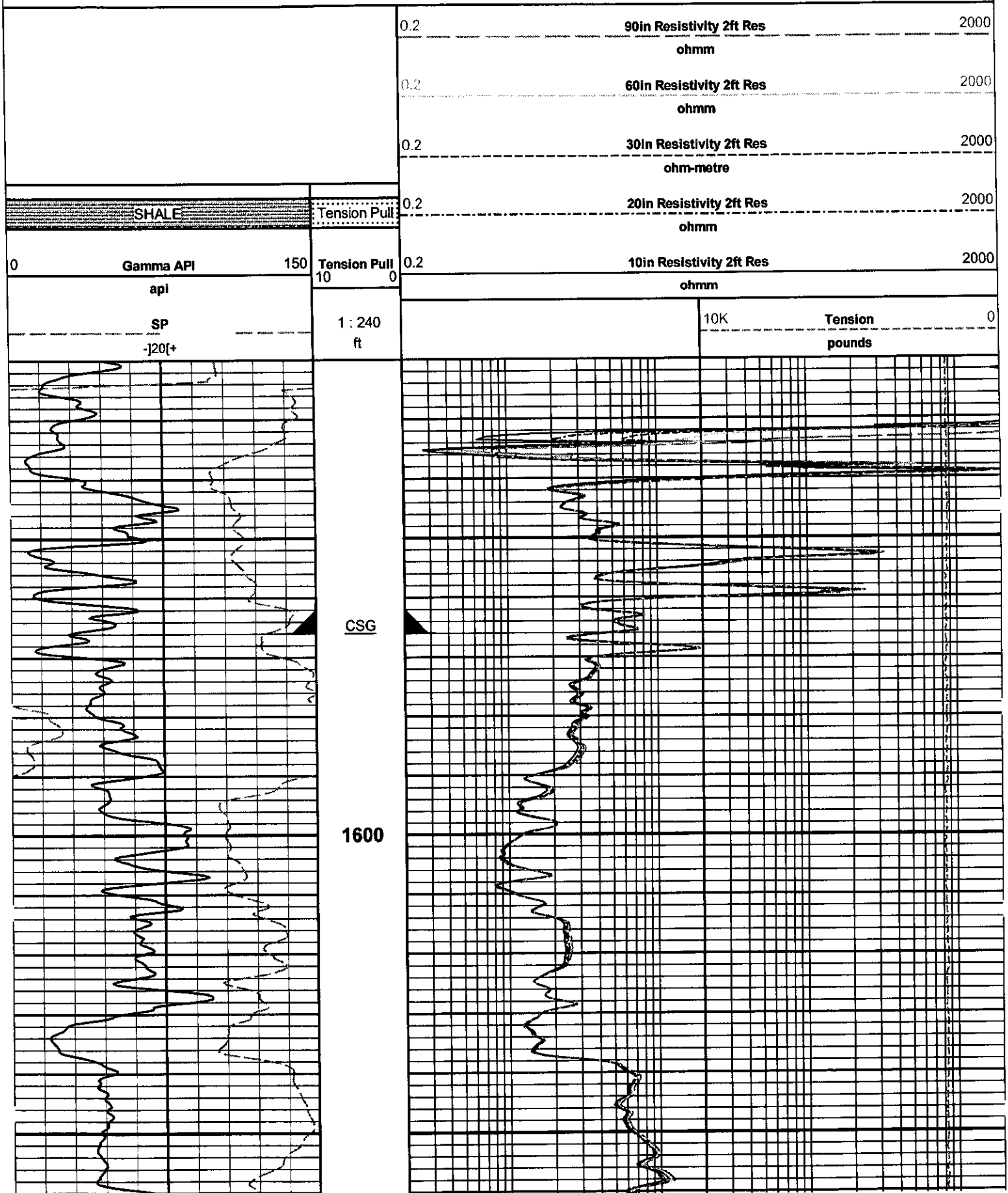
Plot Time: 10-Apr-12 06:11:45
 Plot Range: 1520 ft to 5347.67 ft
 Data: KITTS_SWD_1\Well Based\MAIN
 Plot File: \\-LOCAL-KITTS_SWD_110001 SP-GTET-DSN-SDL-ACRT-CHACRT\ACRT_2_11b

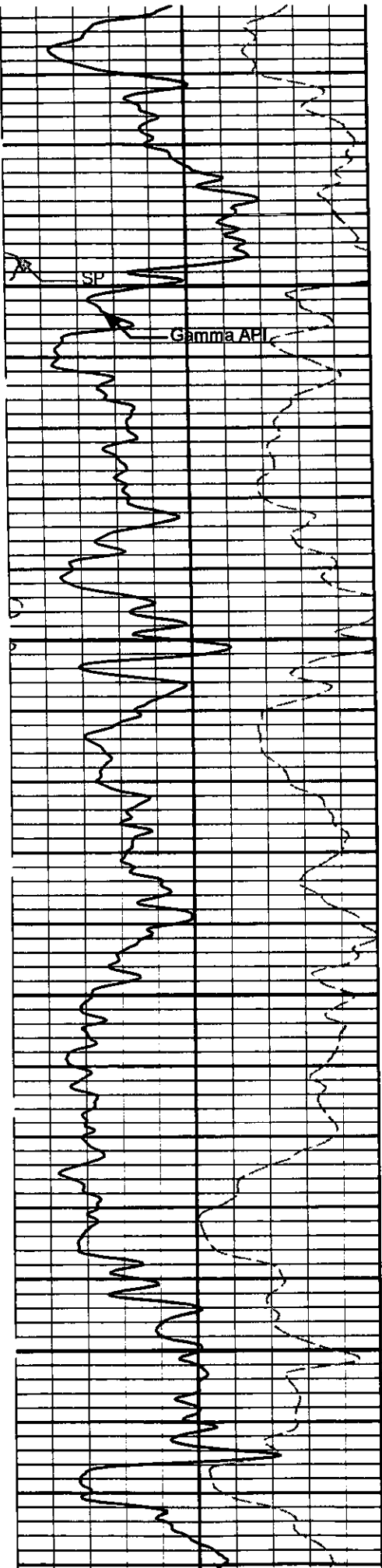
2 INCH MAIN LOG

HALLIBURTON

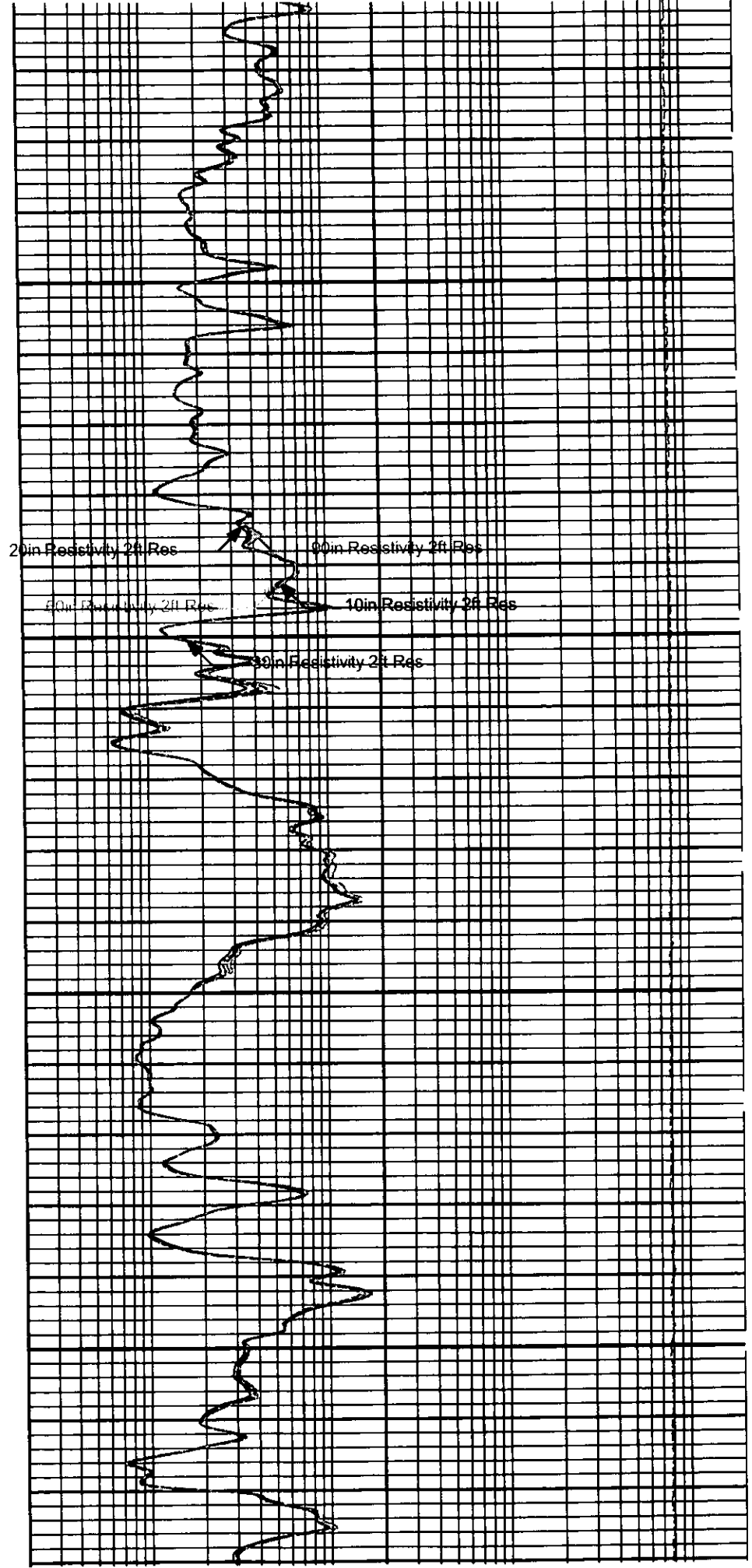
Plot Time: 10-Apr-12 06:11:45
 Plot Range: 1520 ft to 5347.67 ft
 Data: KITTS_SWD_1\Well Based\MAIN

5 INCH MAIN LOG

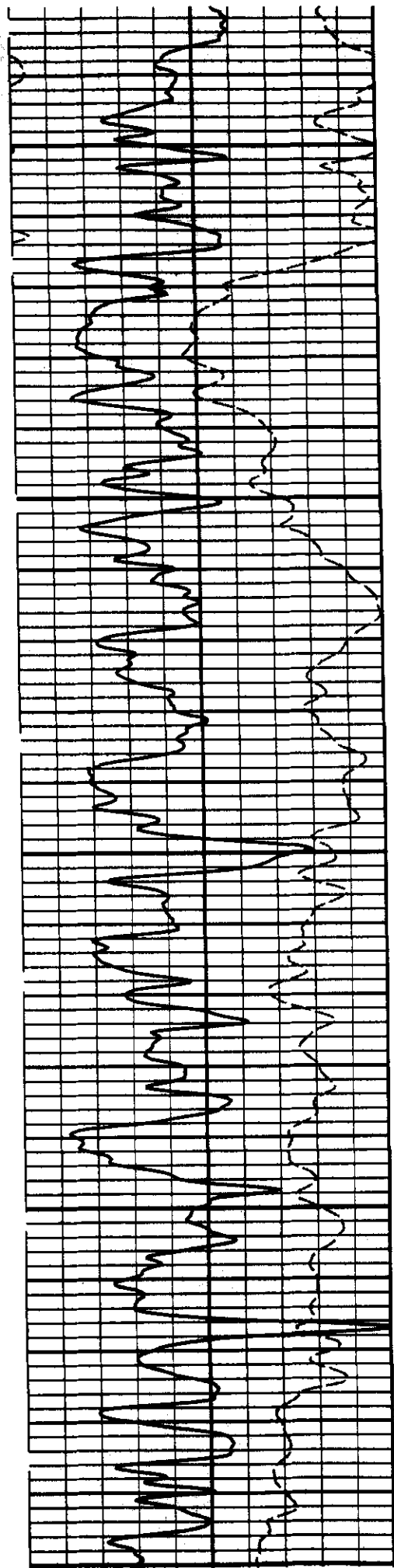




1700



1800



1900

2000

2100

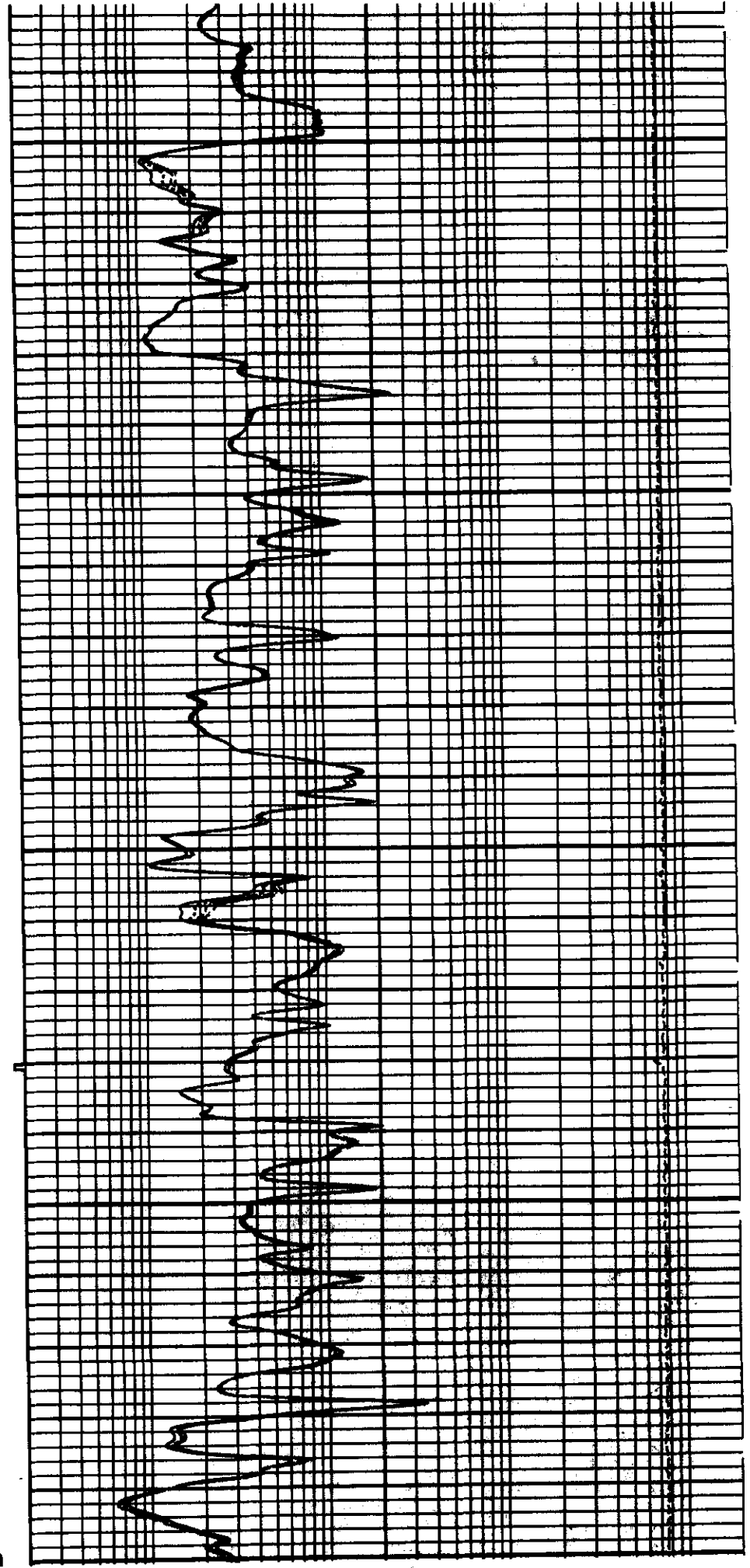
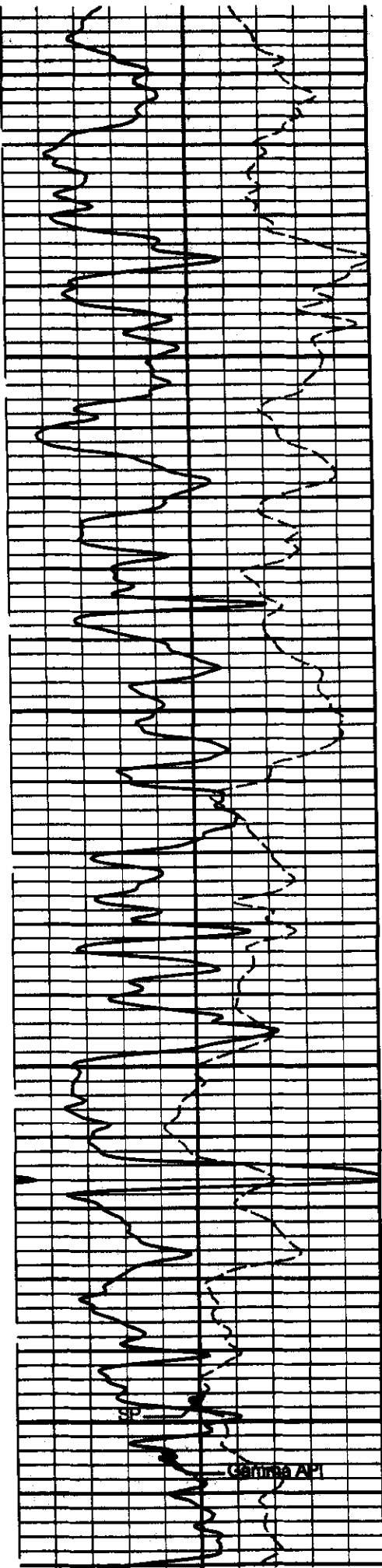


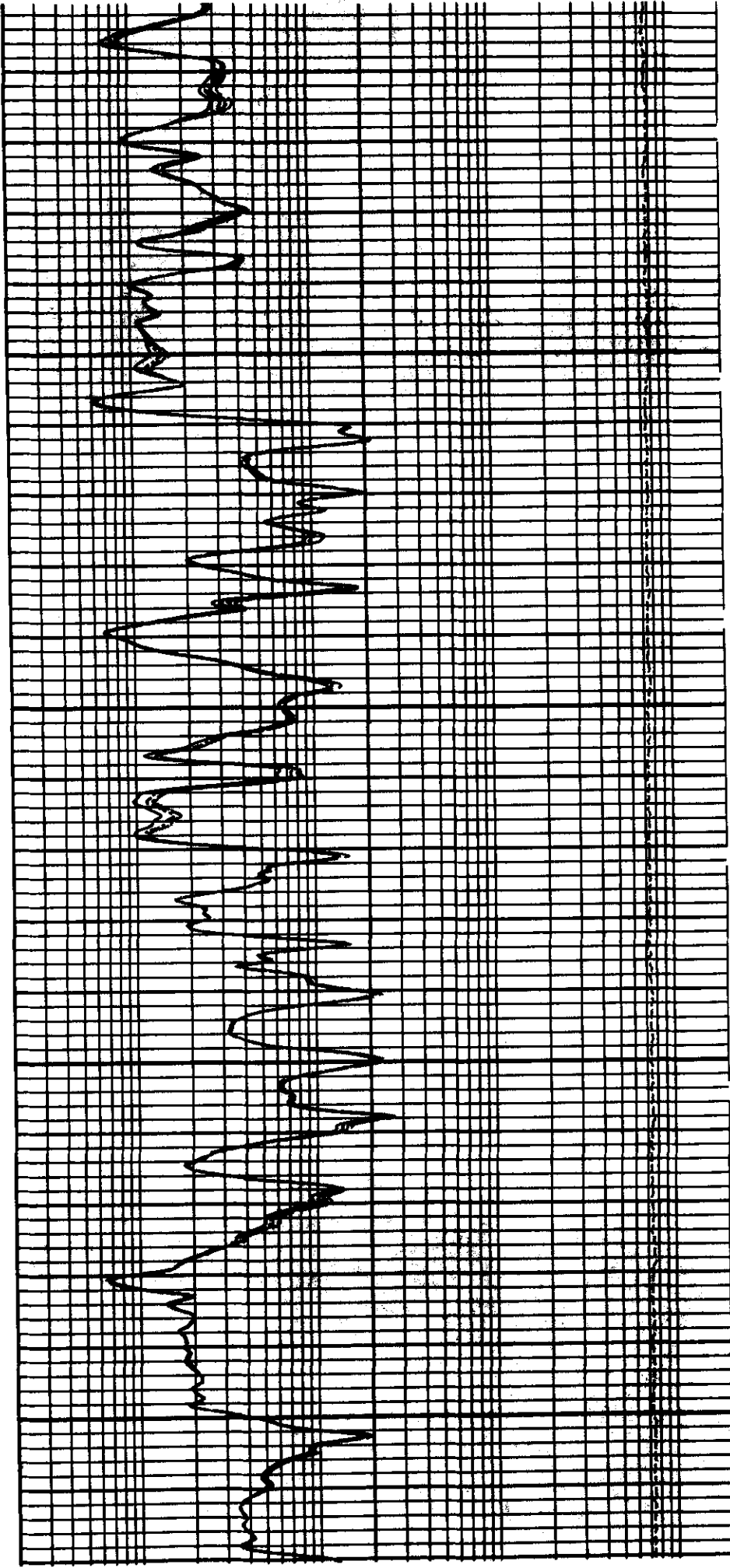
Fig 2

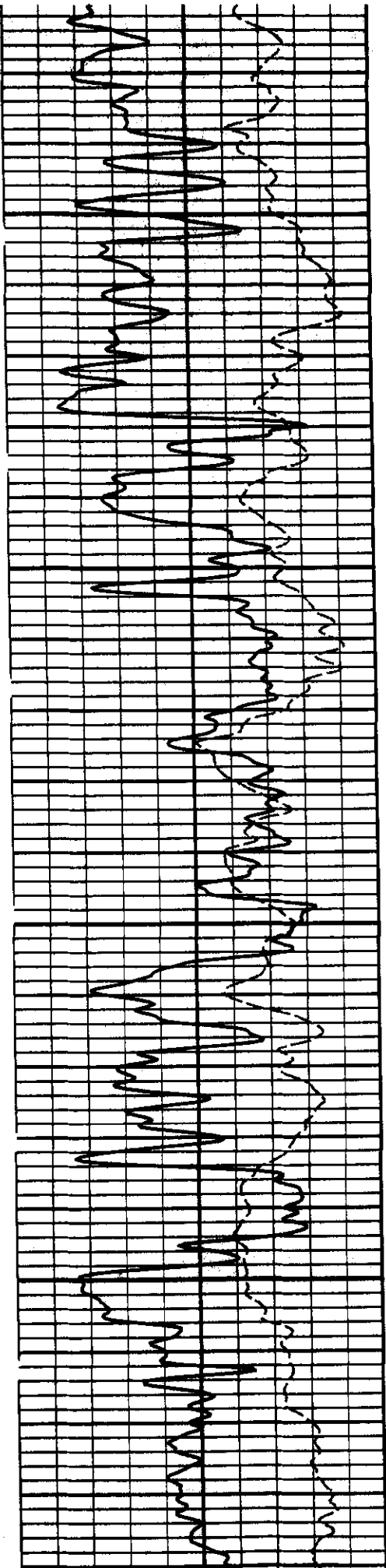


2200

2300

Corina API





2400

2500

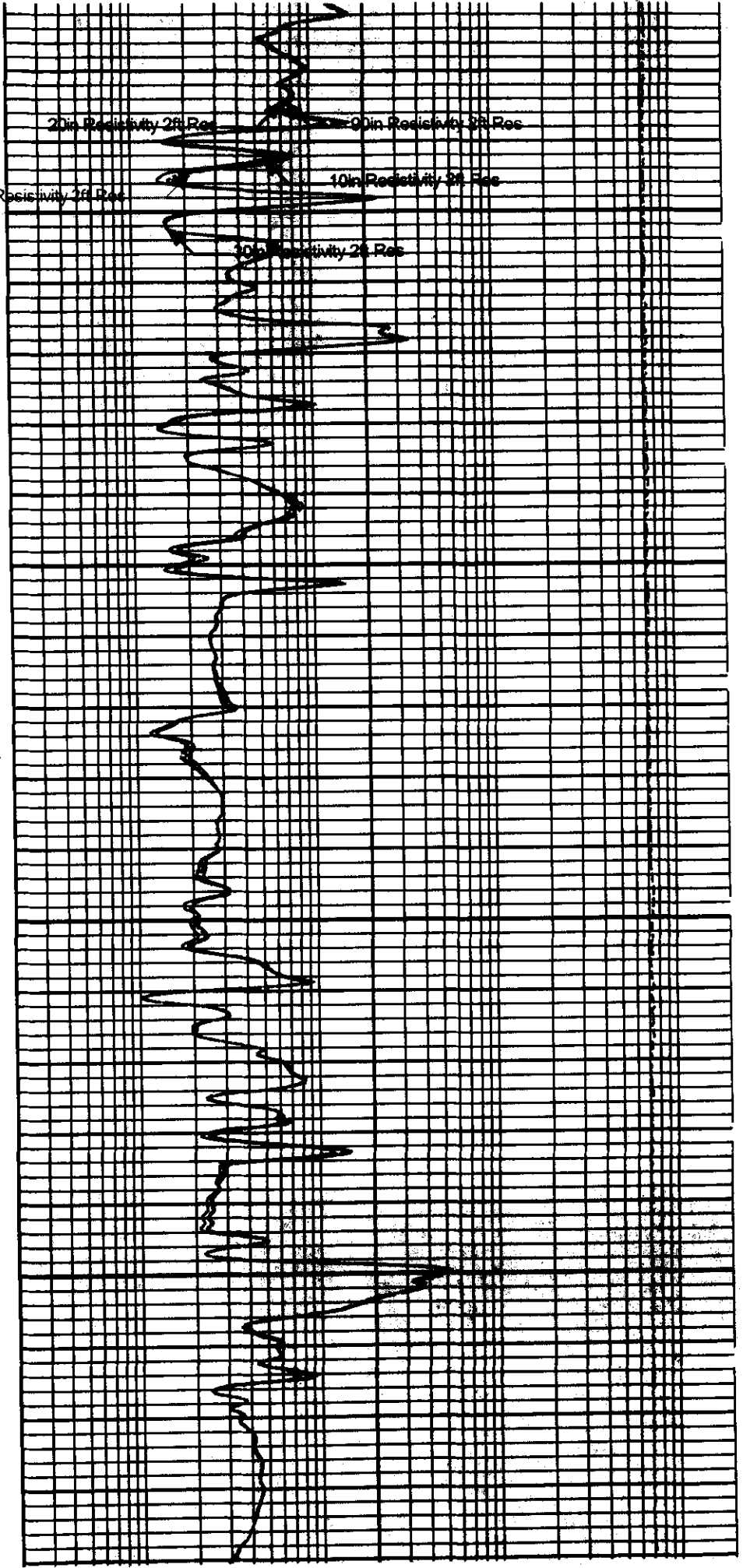
60in Resistivity 2ft Rec

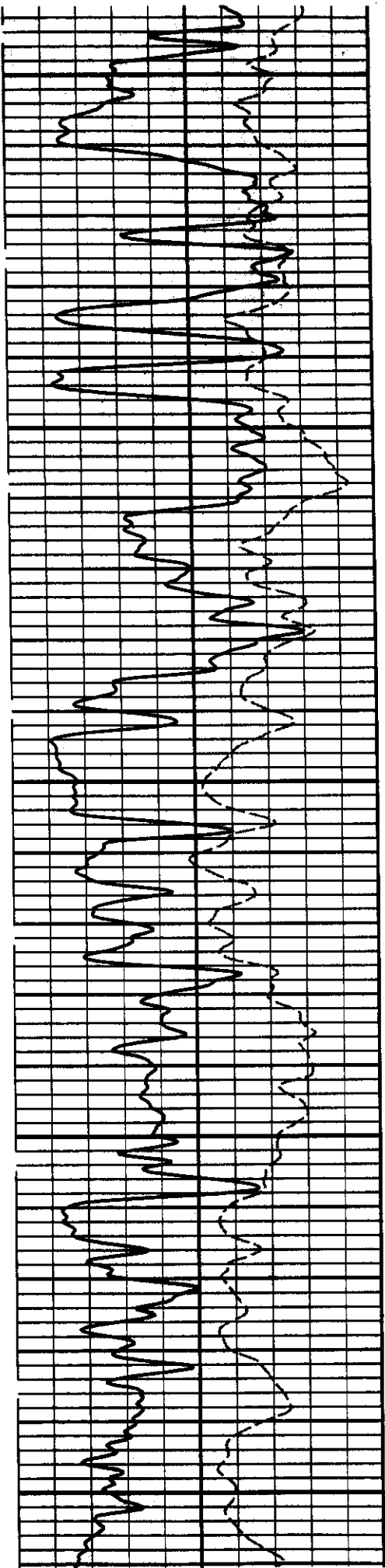
20in Resistivity 2ft Rec

90in Resistivity 2ft Rec

10in Resistivity 2ft Rec

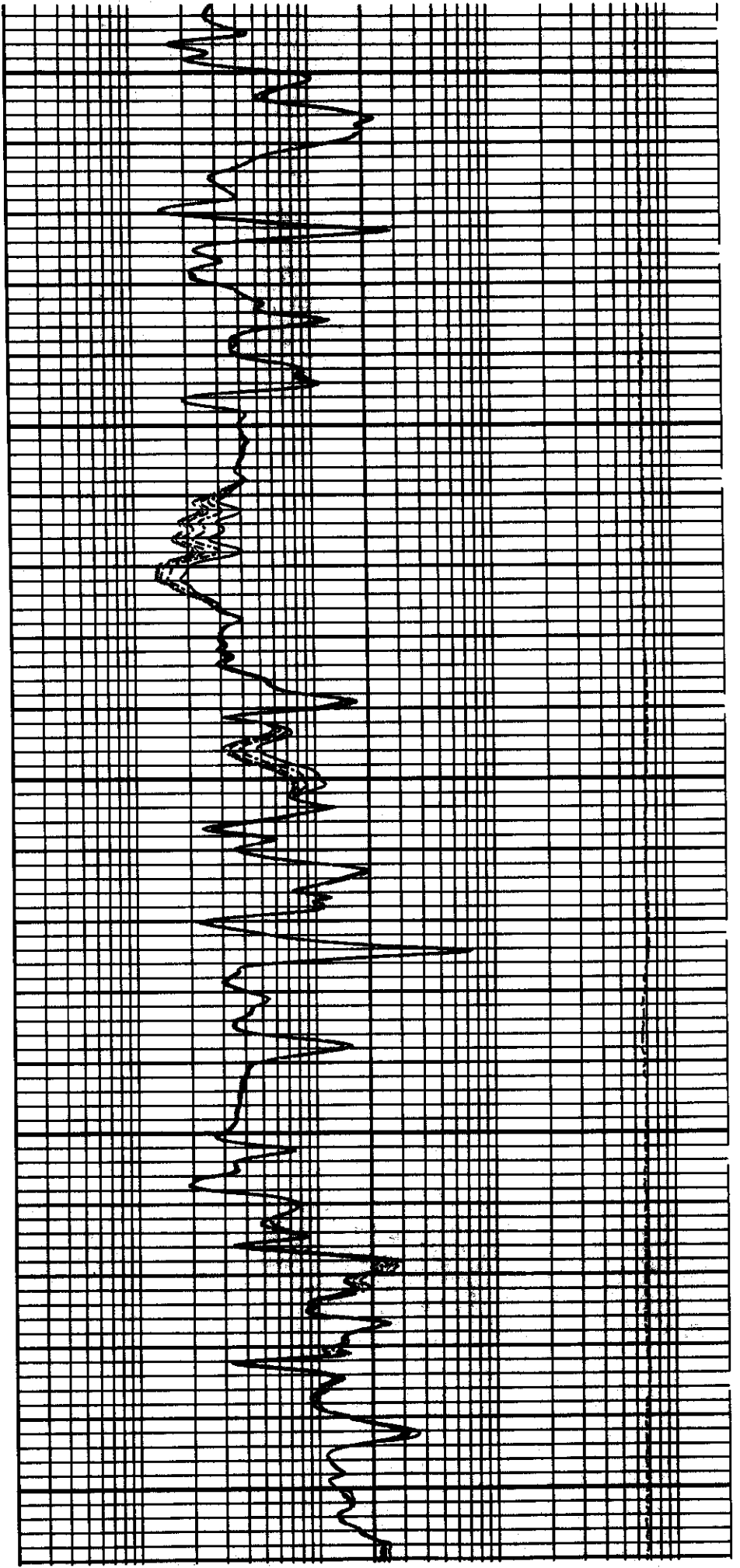
30in Resistivity 2ft Rec

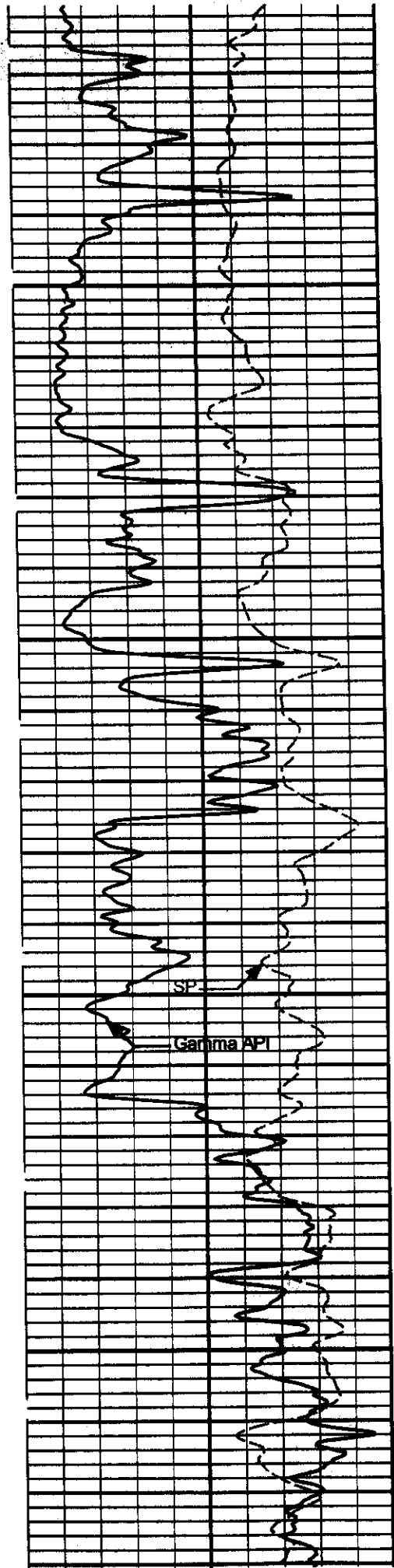




2600

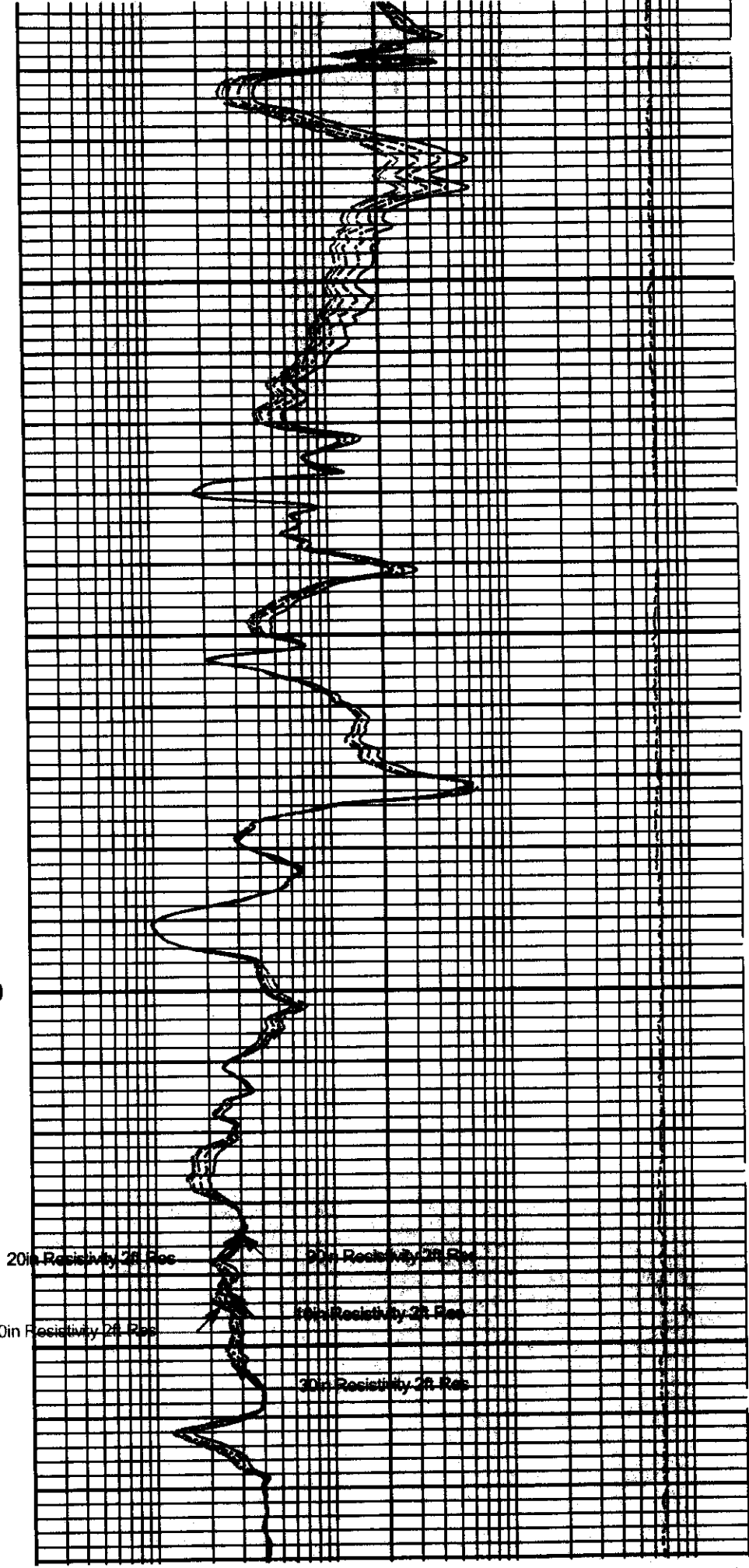
2700

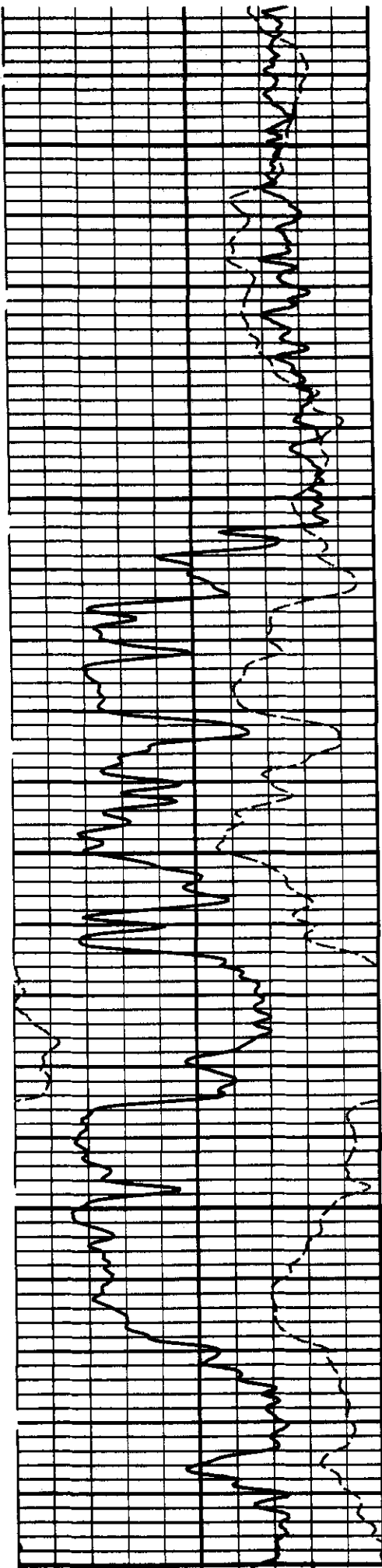




2800

2900

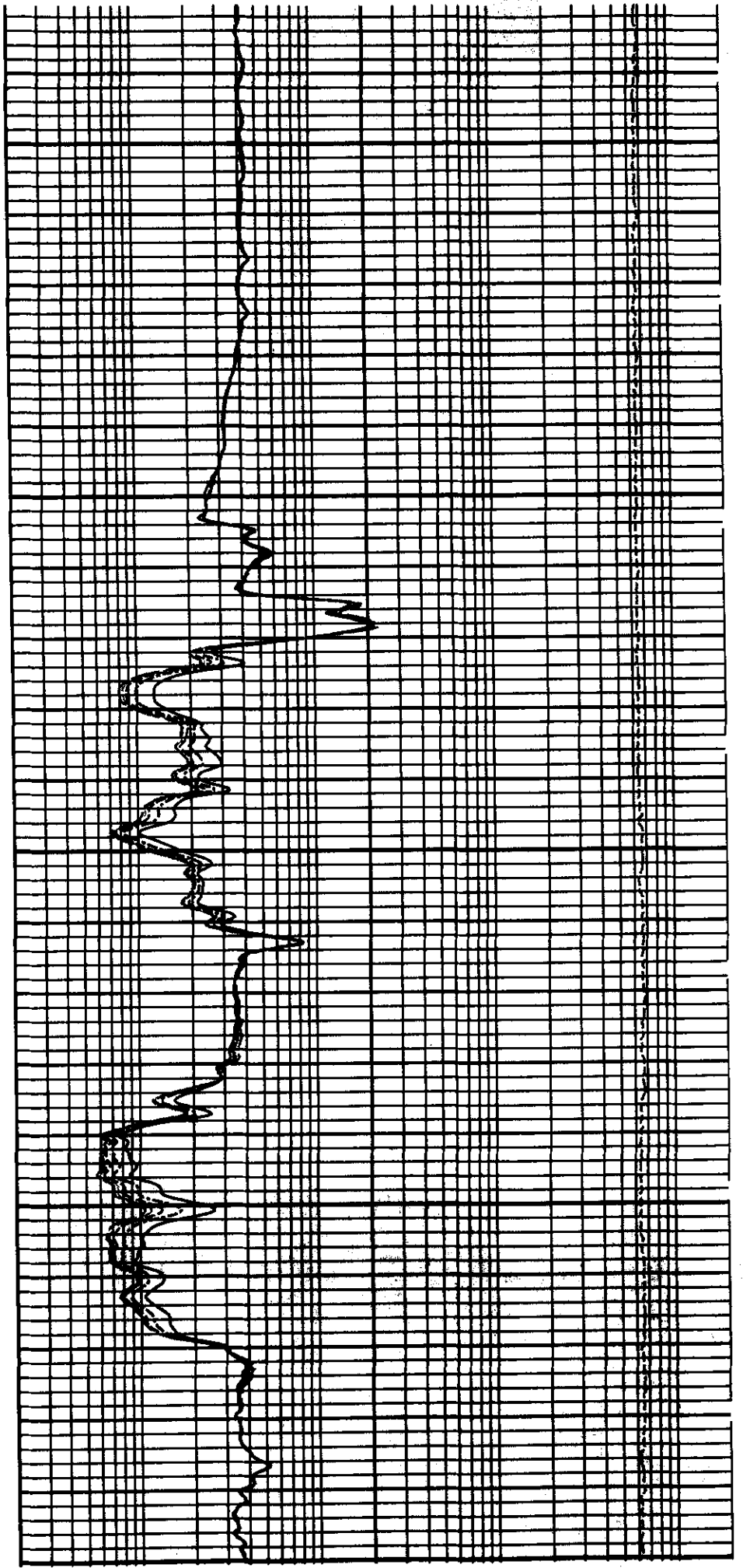


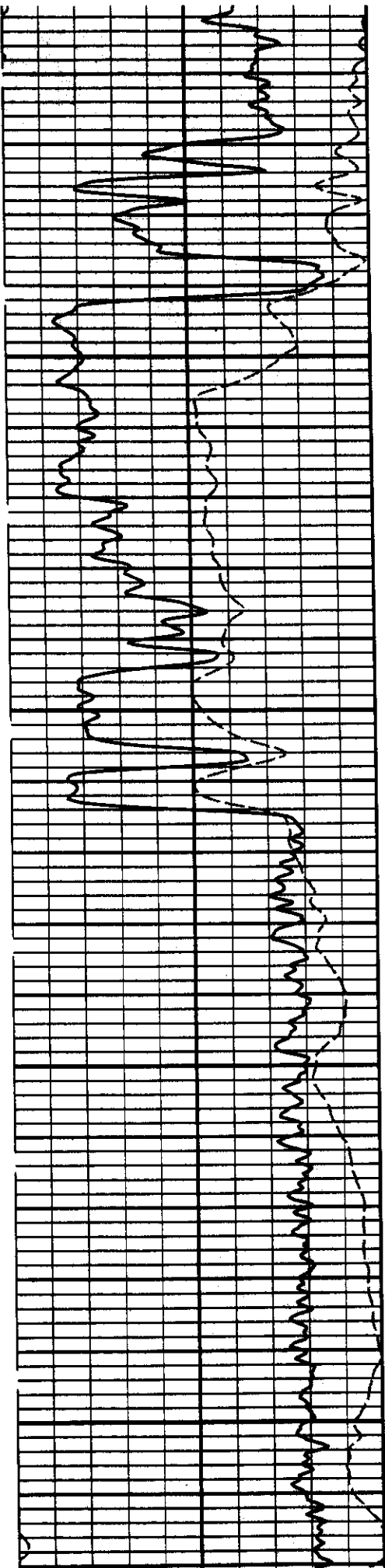


3000

3100

3200

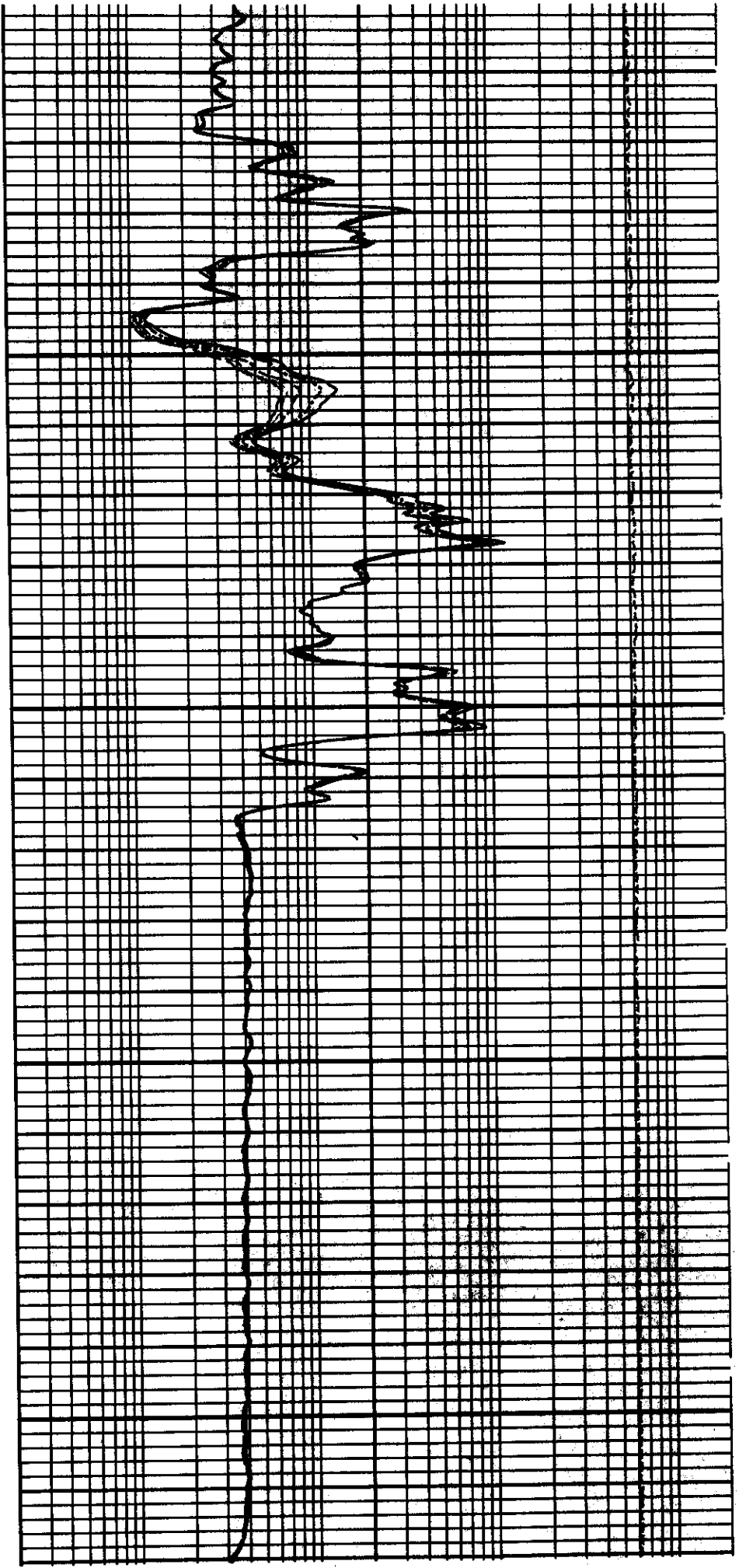


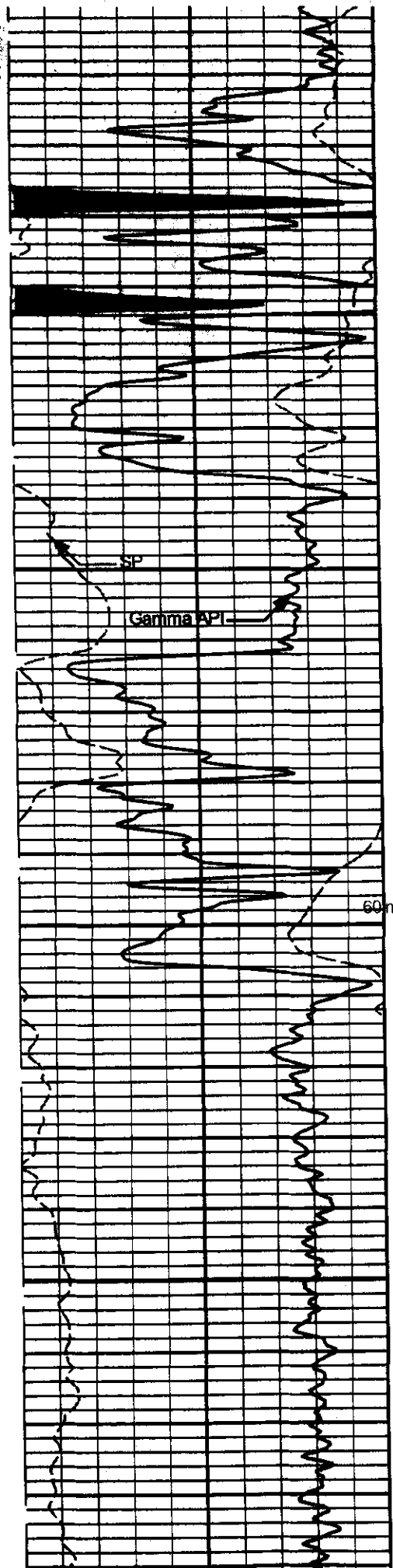


Case

3300

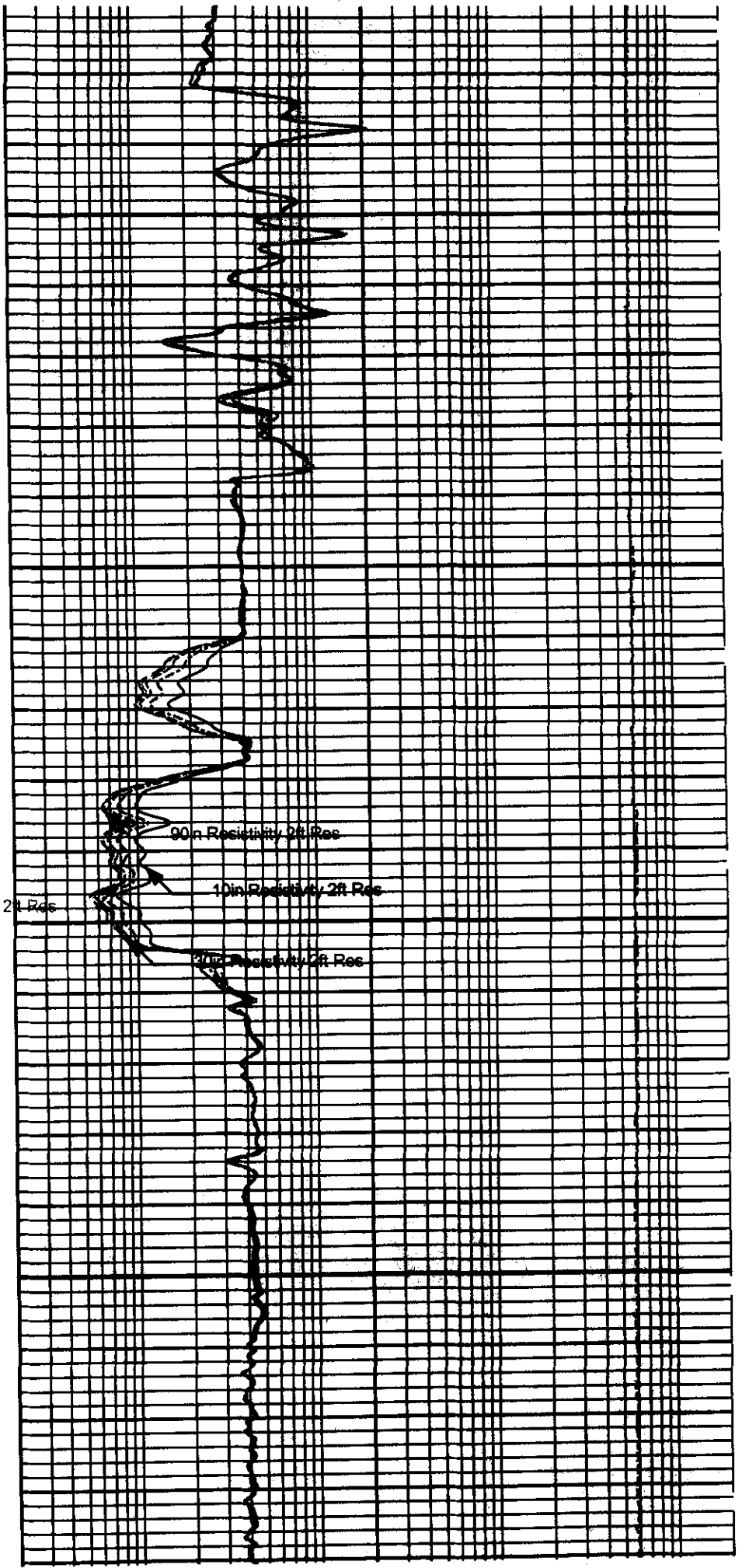
3400





3500

3600



Gamma API

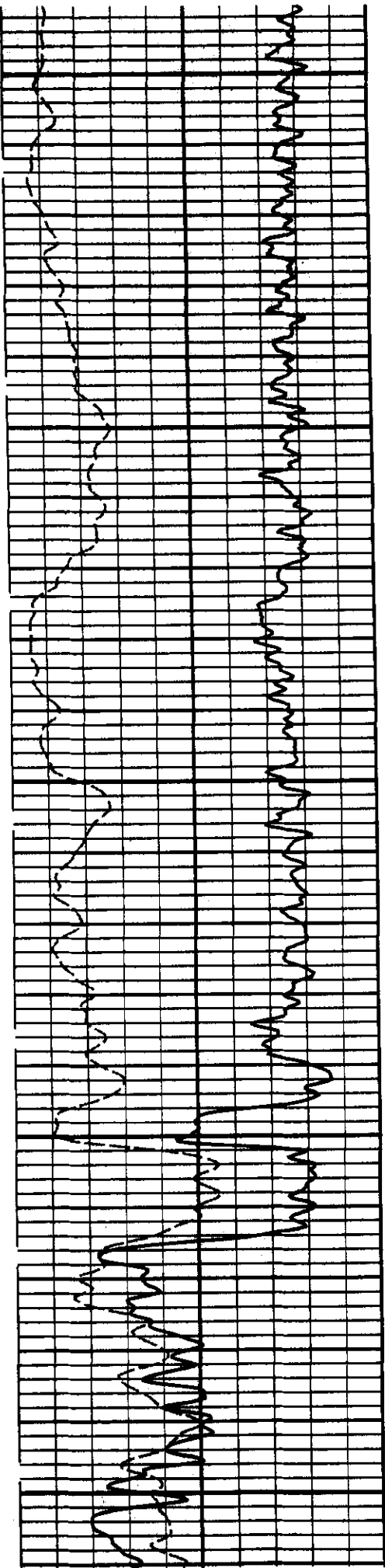
SP

60in Resistivity 2ft Res

90in Resistivity 2ft Res

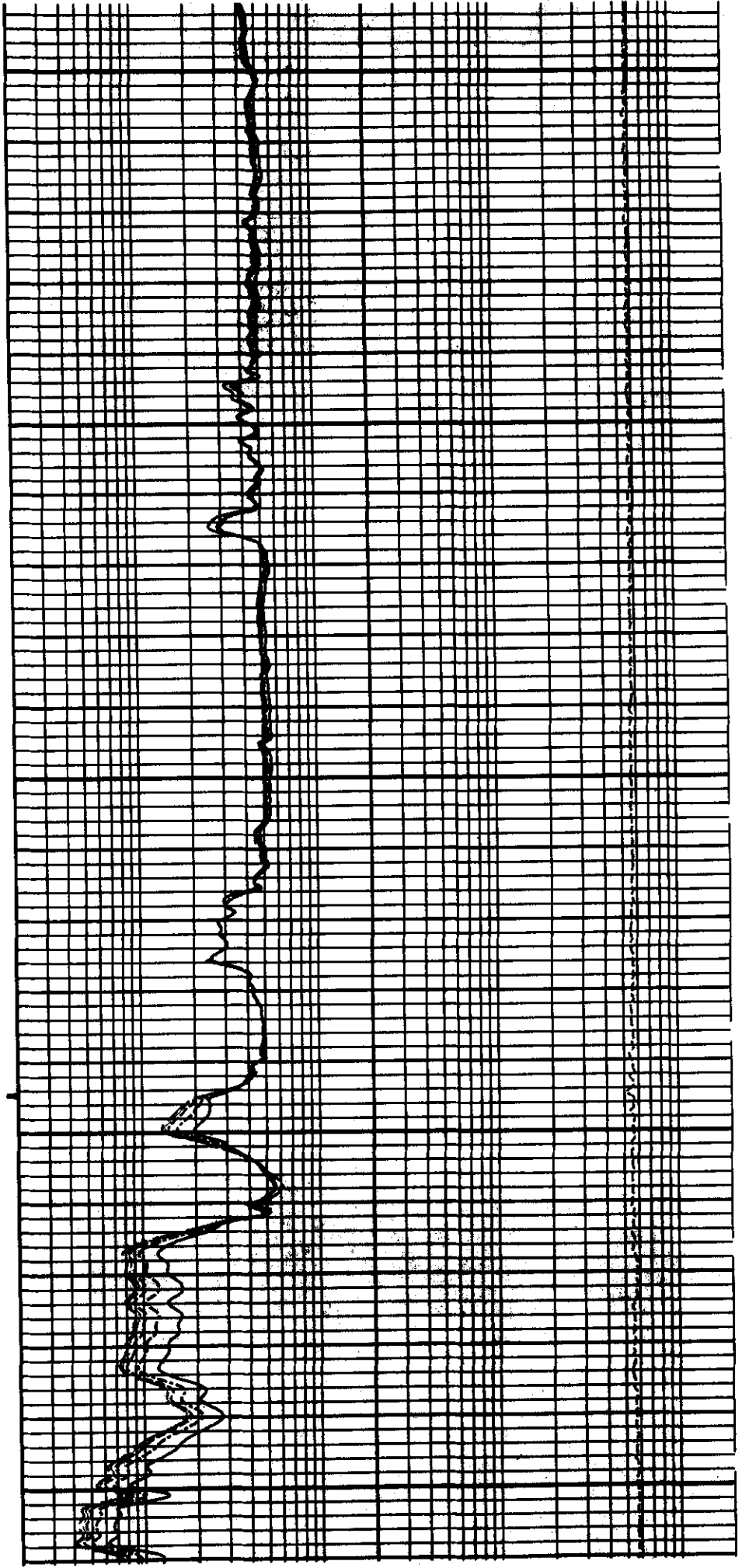
10in Resistivity 2ft Res

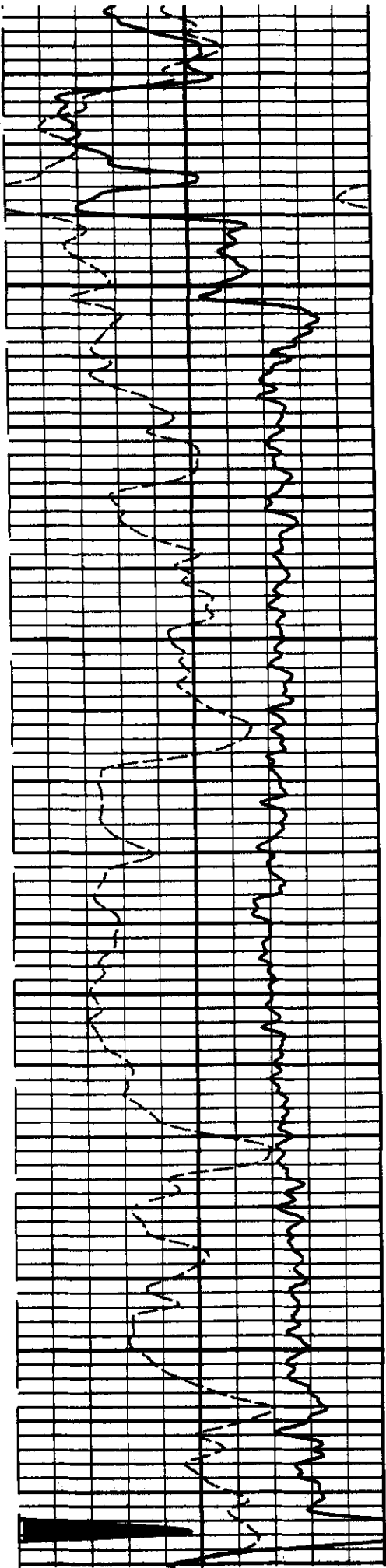
20in Resistivity 2ft Res



3700

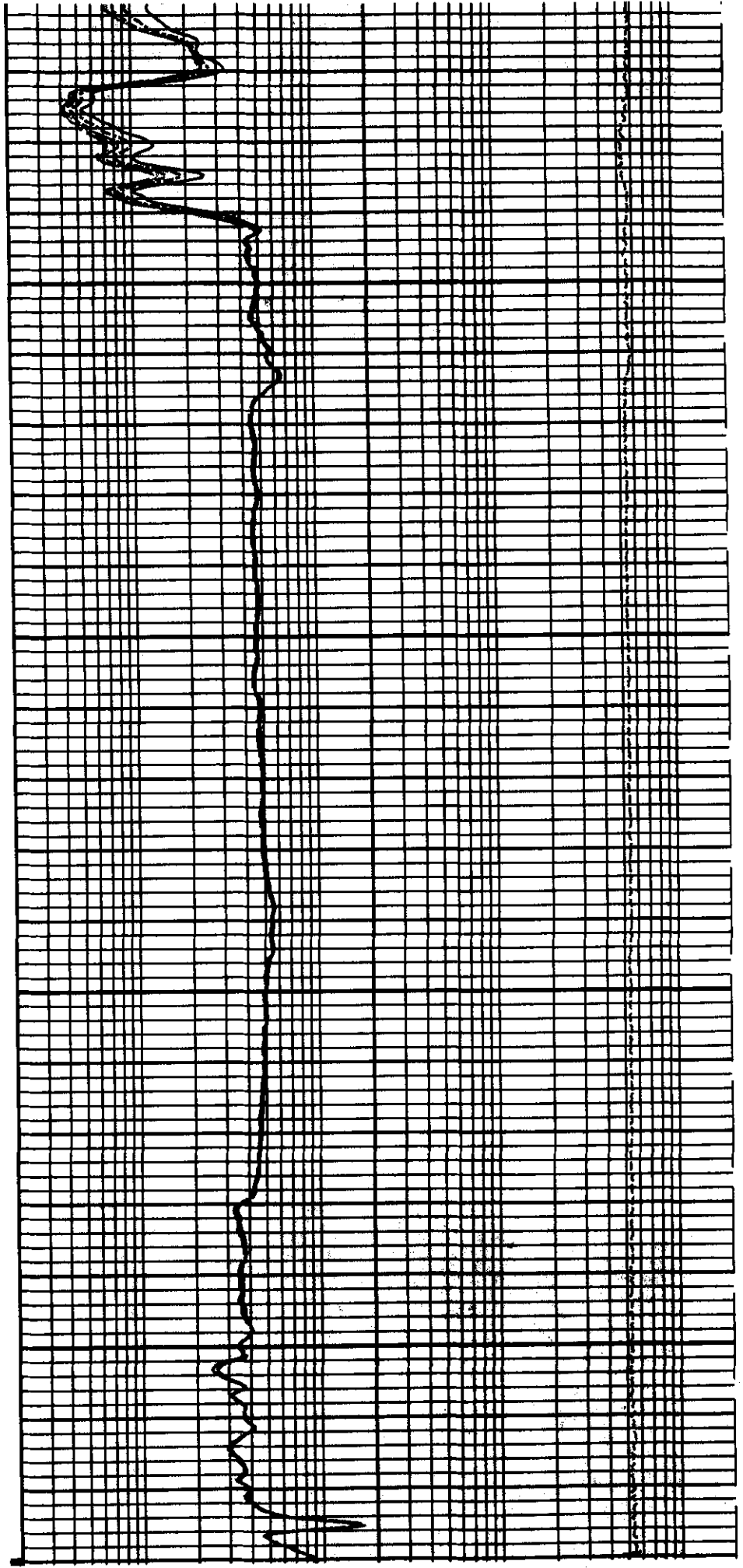
3800

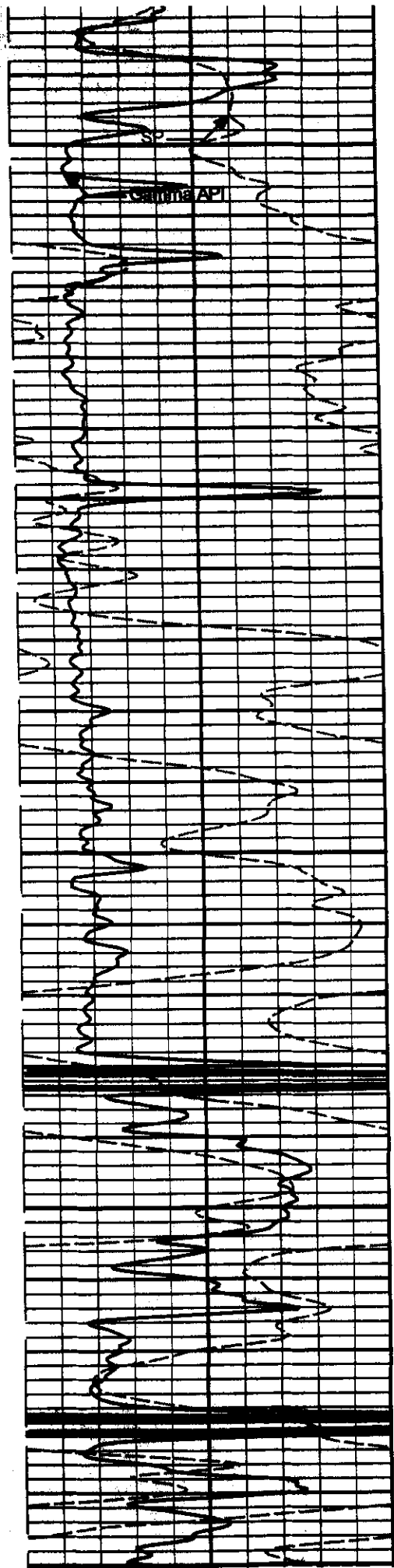




3900

4000



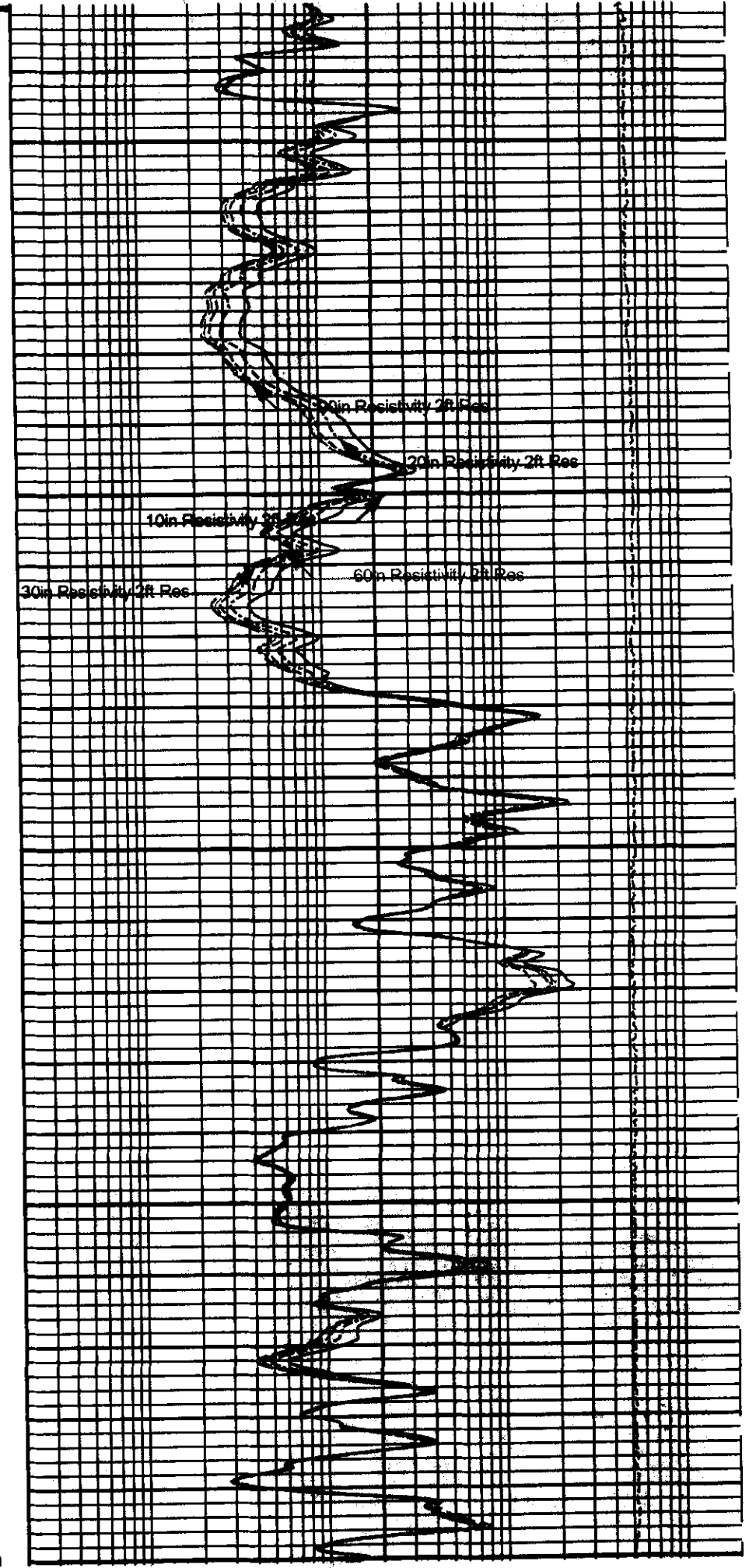


4100

CINTRA API

4200

4300

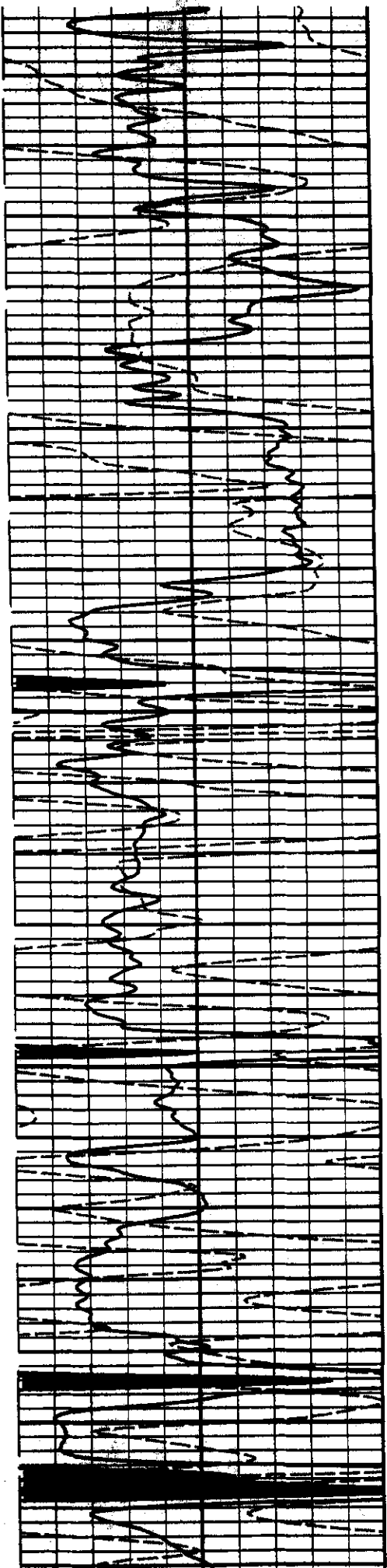


10in Resistivity 2ft Res

20in Resistivity 2ft Res

30in Resistivity 2ft Res

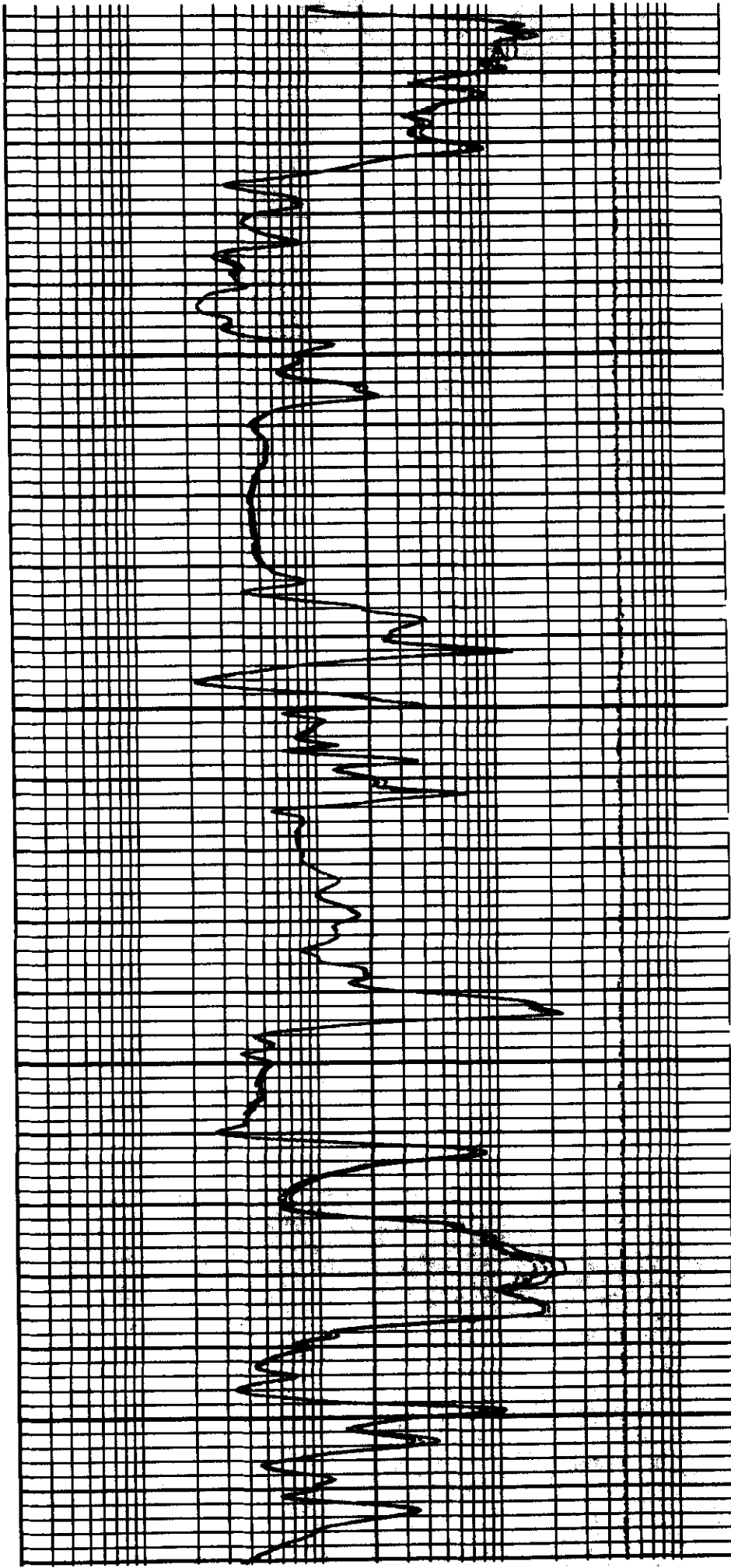
60in Resistivity 2ft Res

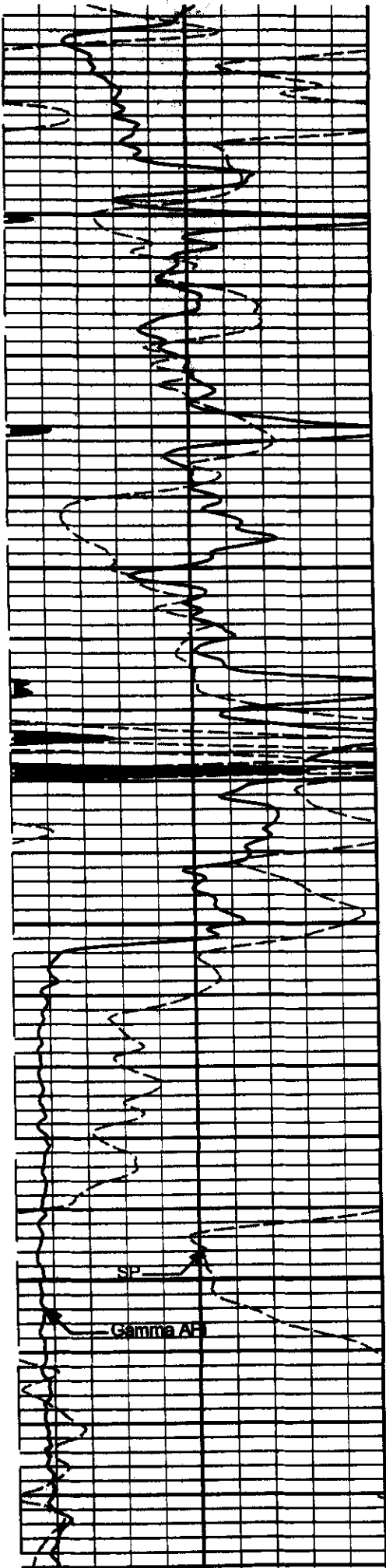


7500

4400

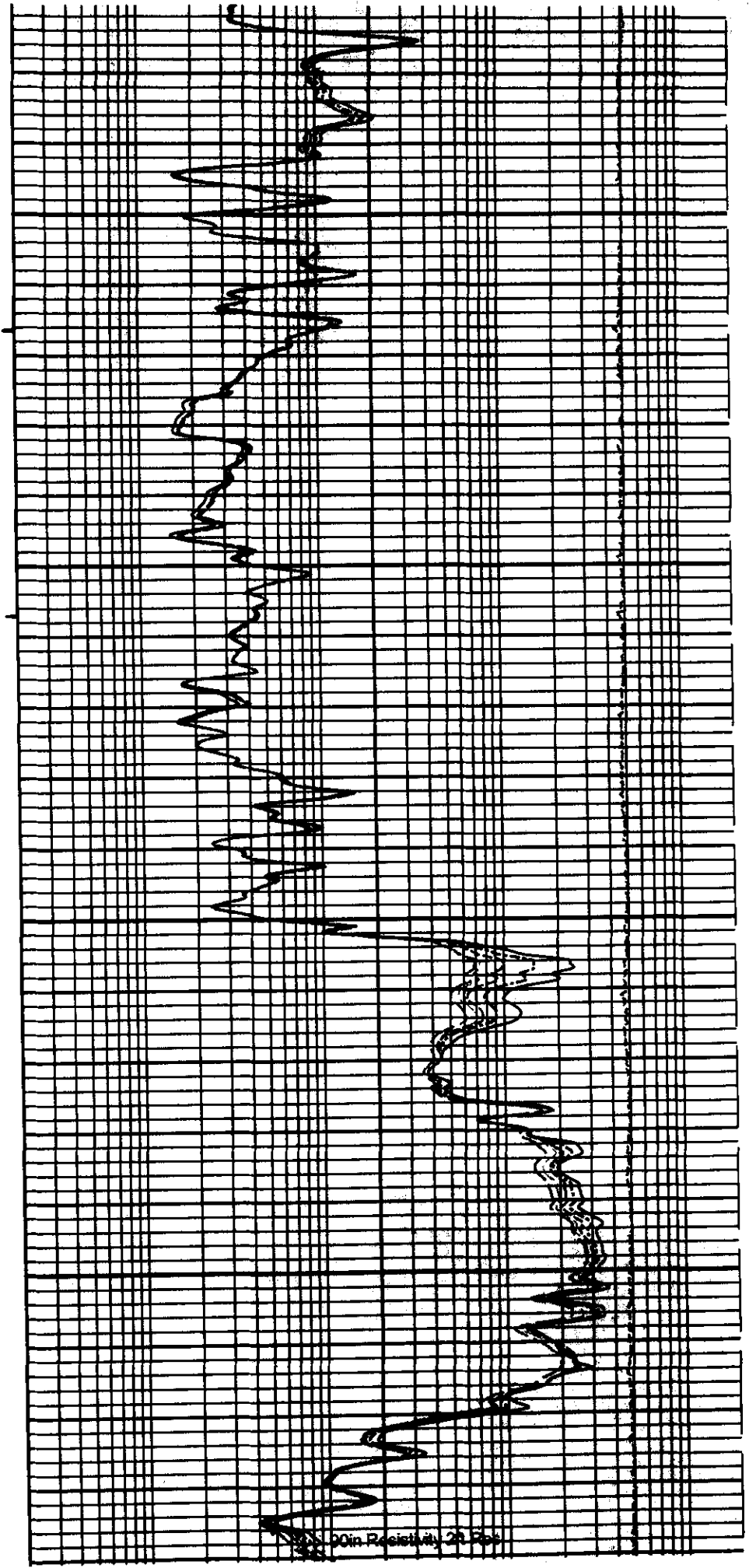
4500



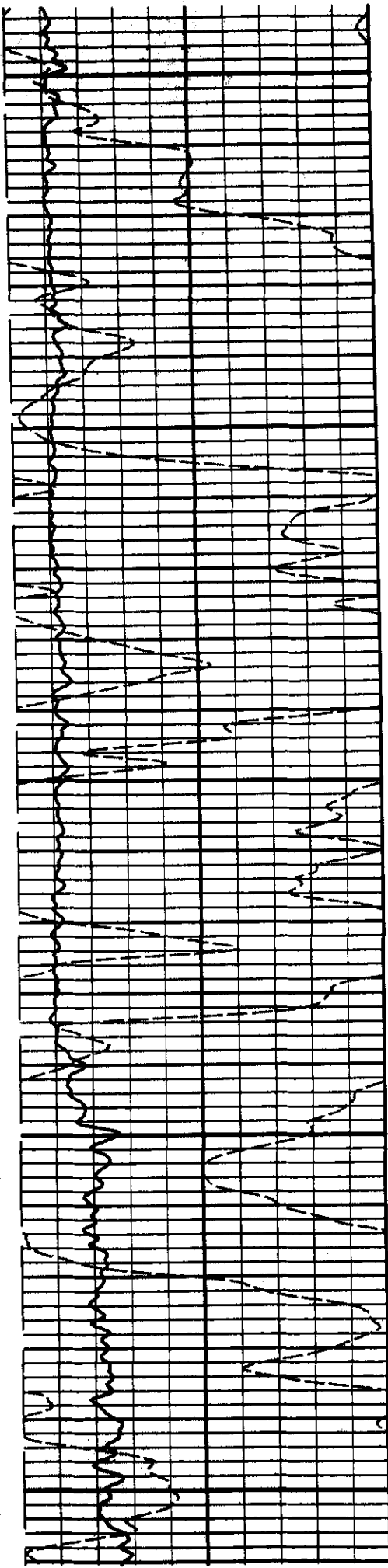


4600

4700

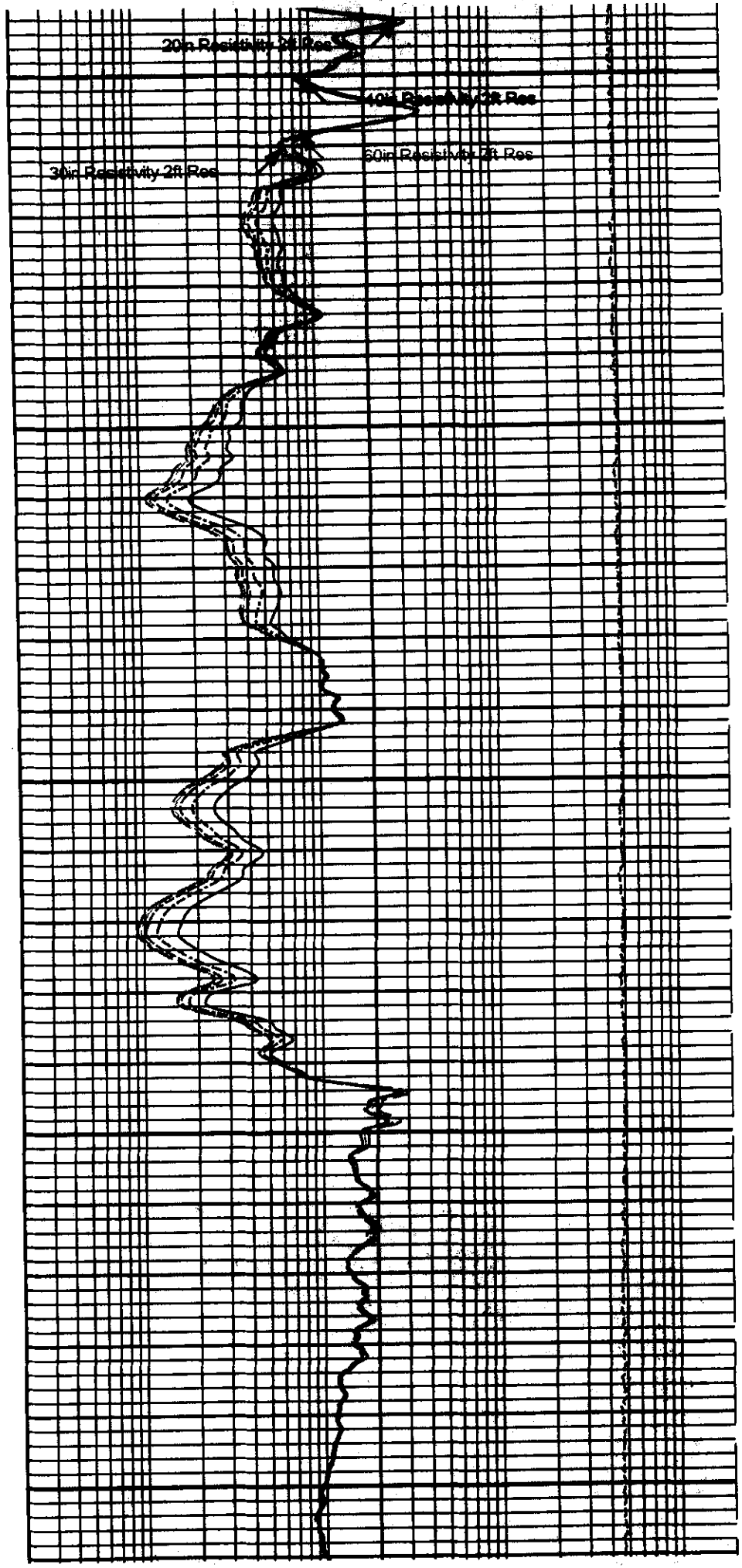


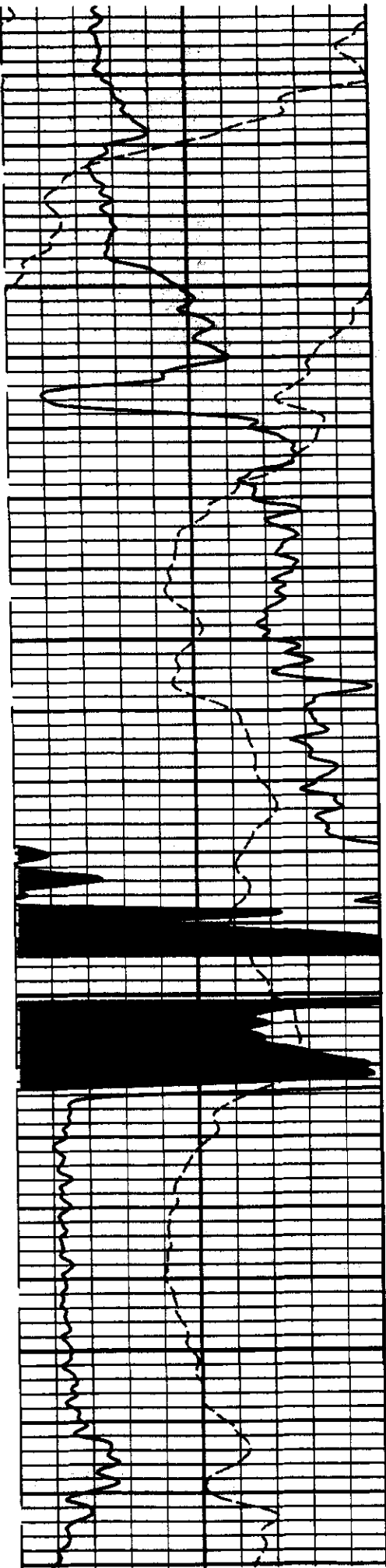
10in Resistivity 20 Fps



4800

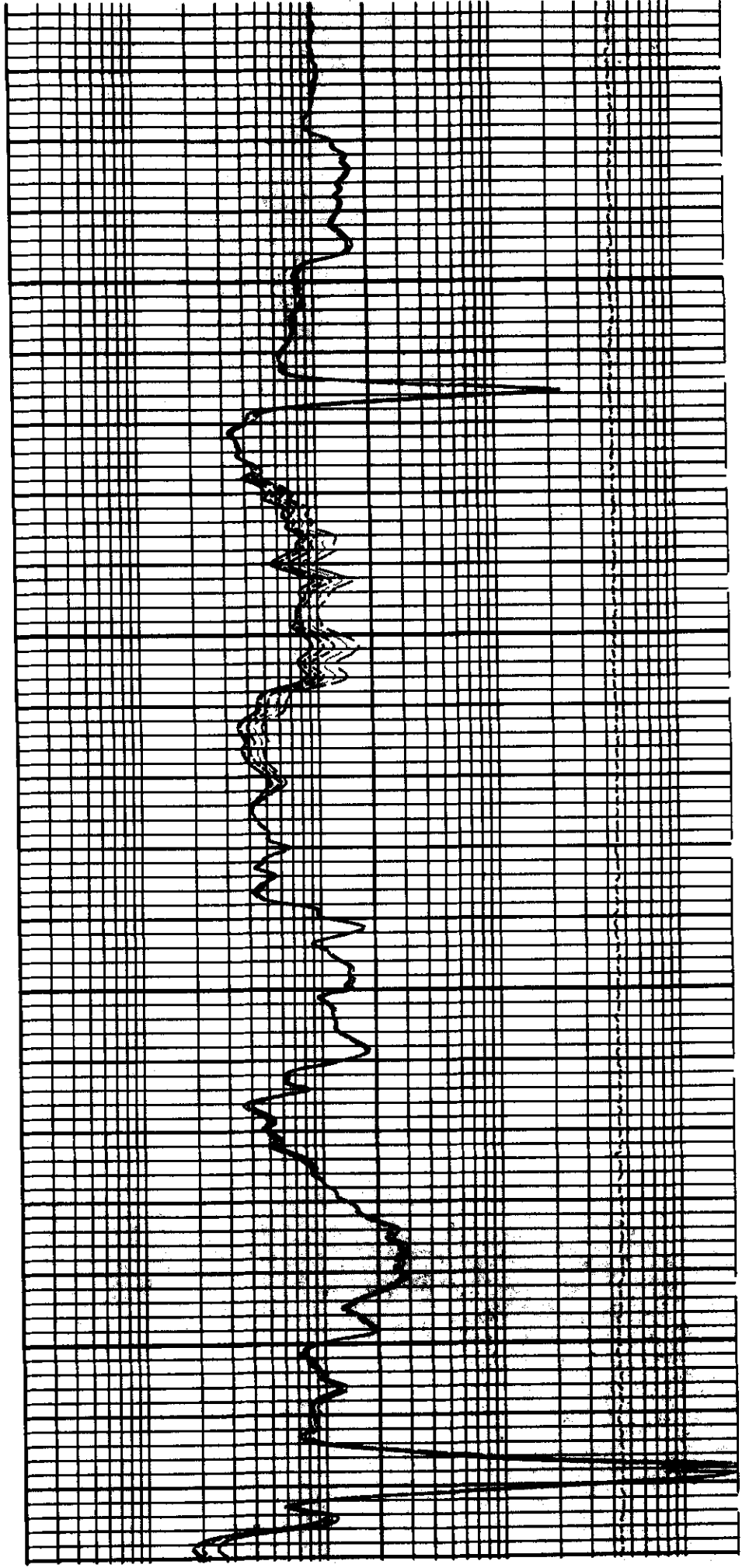
4900

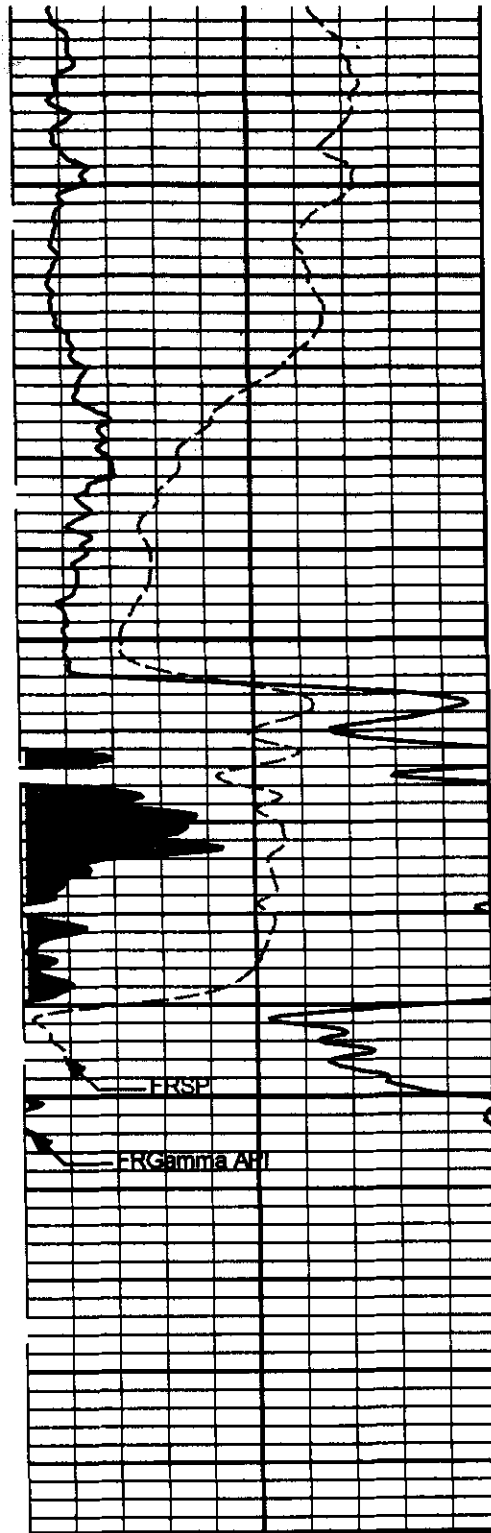




5000

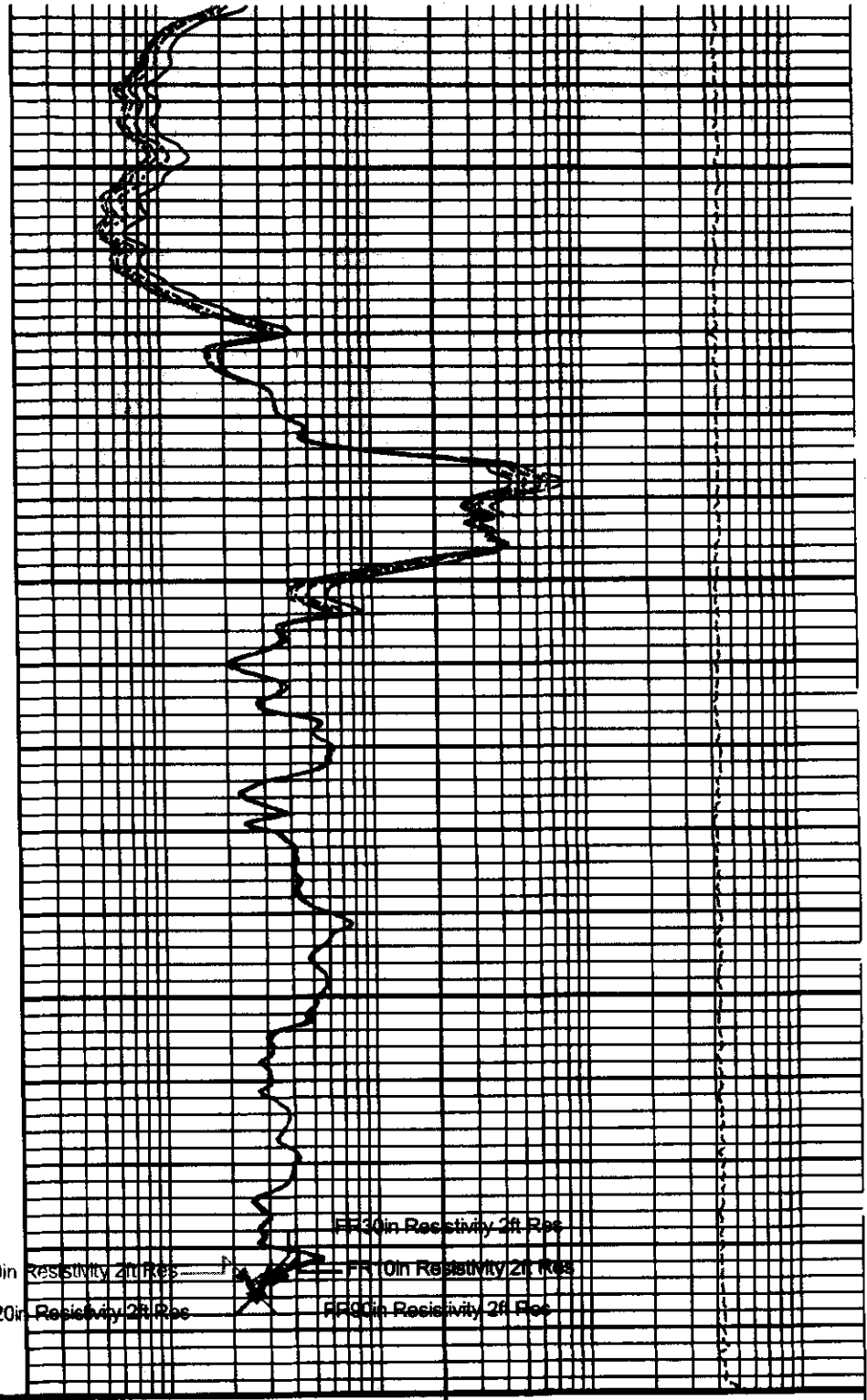
5100





5200

5300



FR60in Resistivity 2ft Res
 FR30in Resistivity 2ft Res
 FR20in Resistivity 2ft Res
 FR10in Resistivity 2ft Res

SP -120(+)	1:240 ft	10K	Tension pounds	0
0 Gamma API apl	150 Tension Pull 10	0.2	10in Resistivity 2ft Res ohmm	2000
SHALE	Tension Pull	0.2	20in Resistivity 2ft Res ohmm	2000
		0.2	30in Resistivity 2ft Res ohm-metre	2000
		0.2	60in Resistivity 2ft Res ohmm	2000

0.2

90in Resistivity 2ft Res

2000

ohmm

HALLIBURTON

Plot Time: 10-Apr-12 08:11:51
Plot Range: 1520 ft to 5347.67 ft
Data: KITTS_SWD_1Well BasedMAIN
Plot File: \\LOCAL-KITTS_SWD_10001 SP-GTET-DSN-SDL-ACRT-CHACRTACRT_5_main.lib

5 INCH MAIN LOG

HALLIBURTON

Plot Time: 10-Apr-12 08:11:51
Plot Range: 4496 ft to 5004 ft
Data: KITTS_SWD_1Well BasedEVR
Plot File: \\LOCAL-KITTS_SWD_10001 SP-GTET-DSN-SDL-ACRT-CHACRTACRT_5_EVR_LIB

MAIN SECTION 10" PER 100'

0.2

90in Resistivity 1ft Res

2000

ohmm

0.2

60in Resistivity 1ft Res

2000

ohmm

0.2

30in Resistivity 1ft Res

2000

ohm-metre

0.2

20in Resistivity 1ft Res

2000

ohmm

0.2

10in Resistivity 1ft Res

2000

ohmm

SHALE

0 **Gamma EVR** 150

apl

SP

-120|+

Tension Pull

10 0

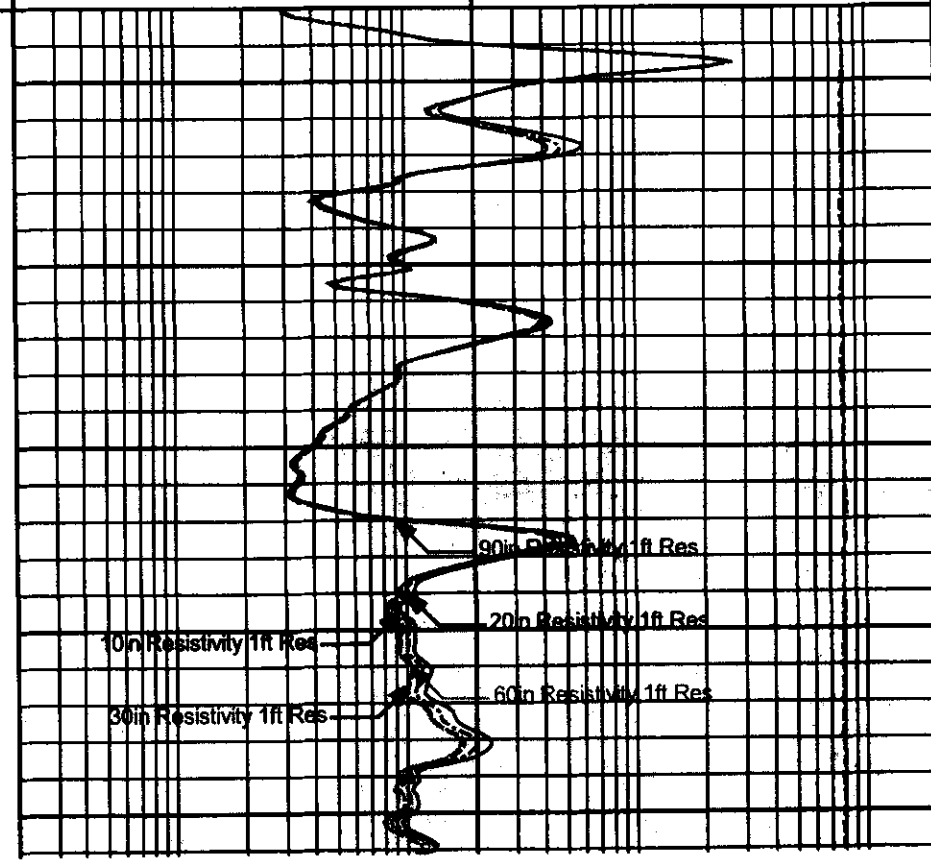
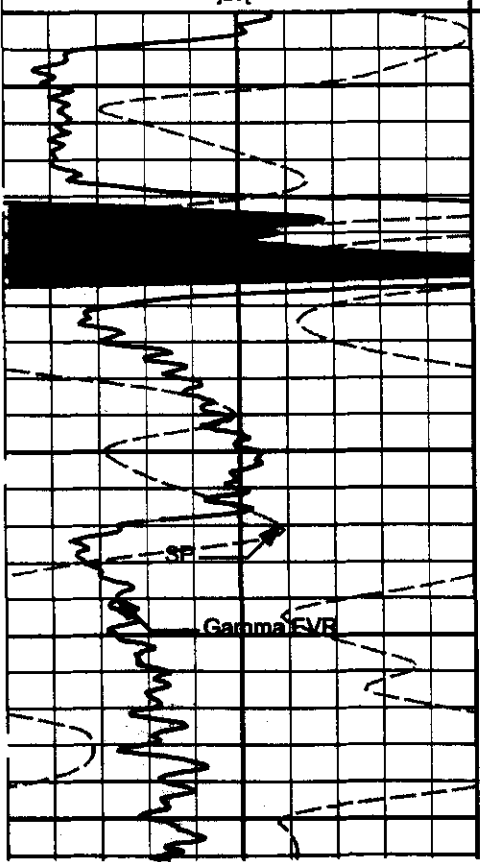
1 : 120

ft

15K **Tension** 0

pounds

4500



Gamma EVR

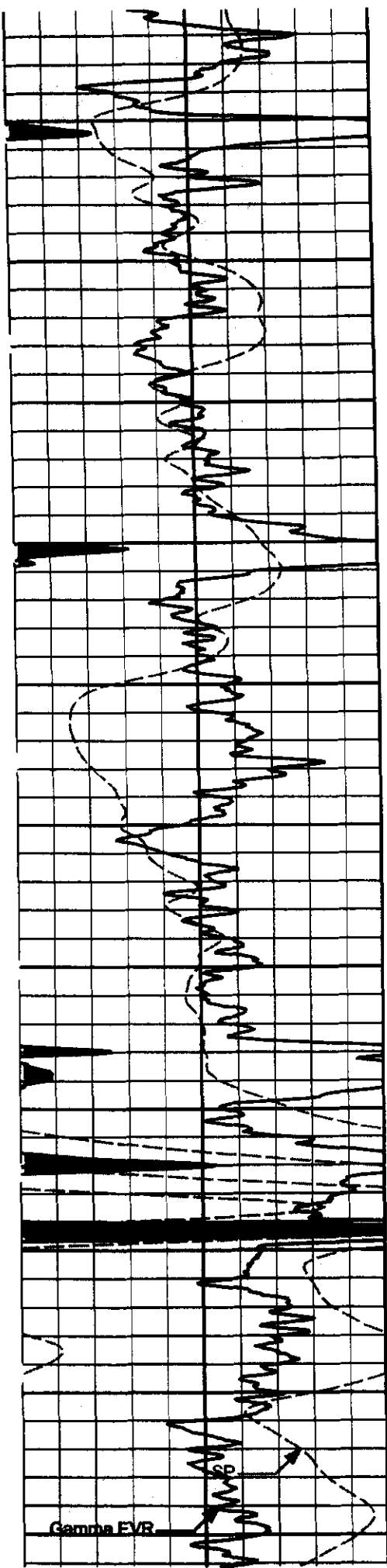
10in Resistivity 1ft Res

30in Resistivity 1ft Res

90in Resistivity 1ft Res

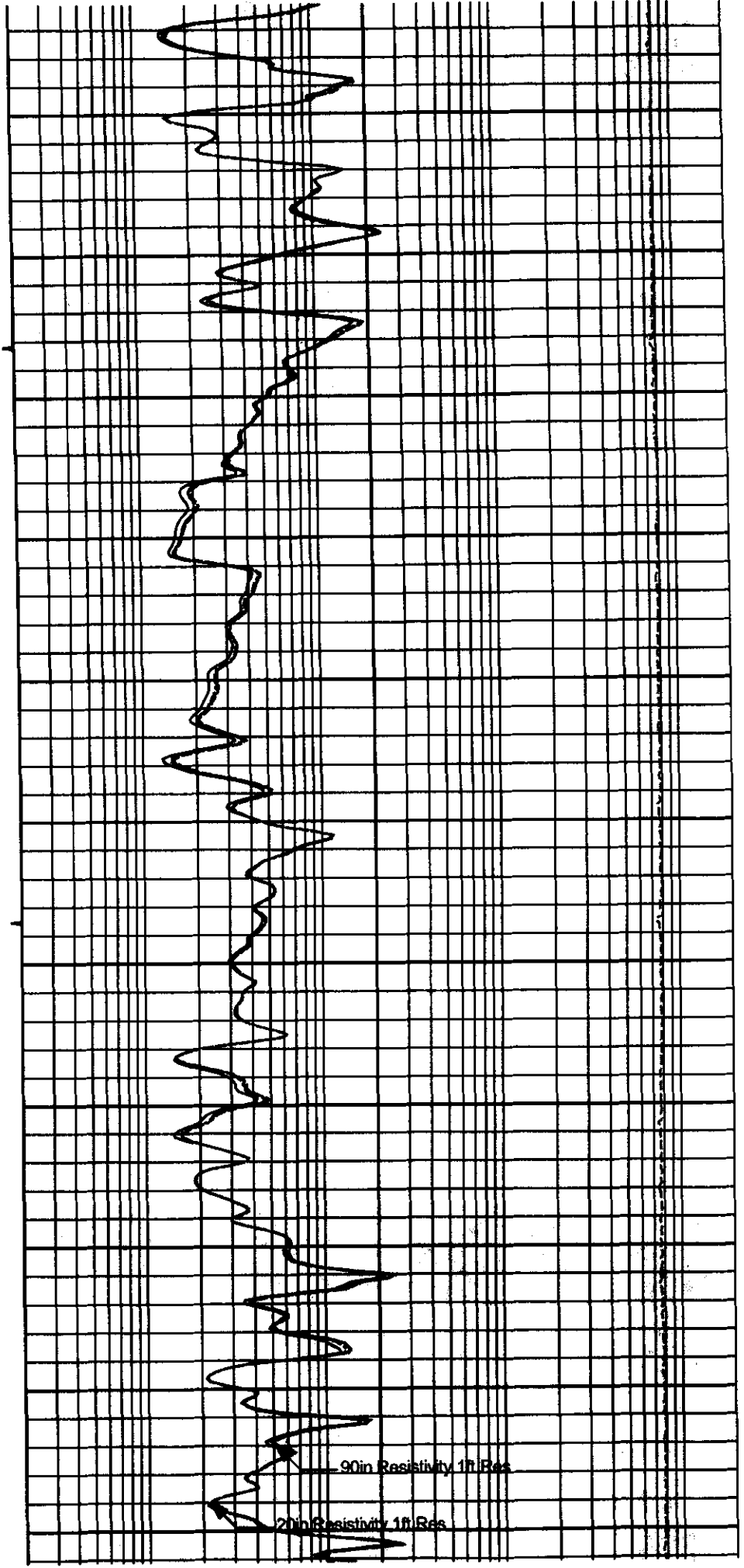
20in Resistivity 1ft Res

60in Resistivity 1ft Res



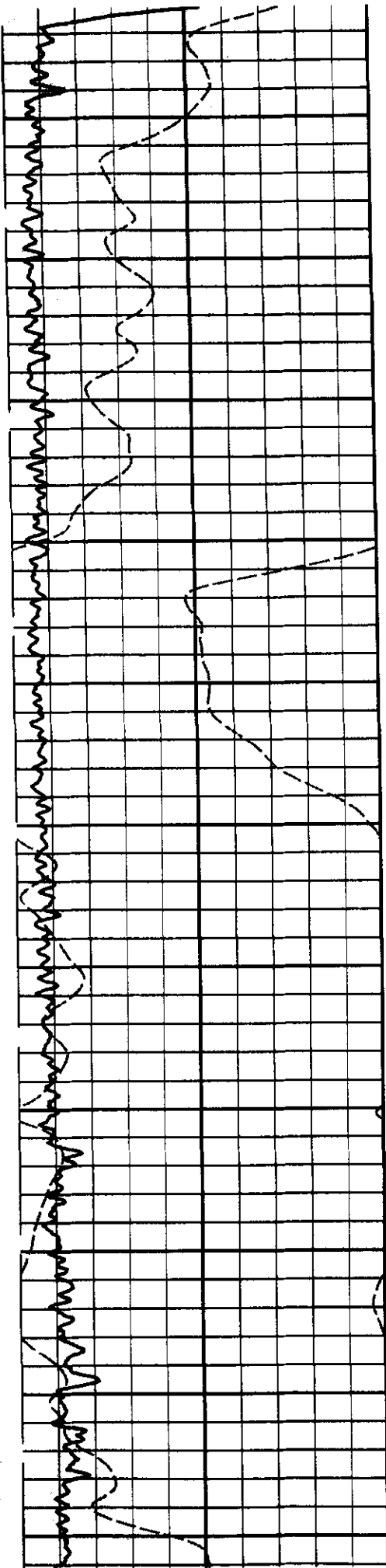
Gamma EVR

4600

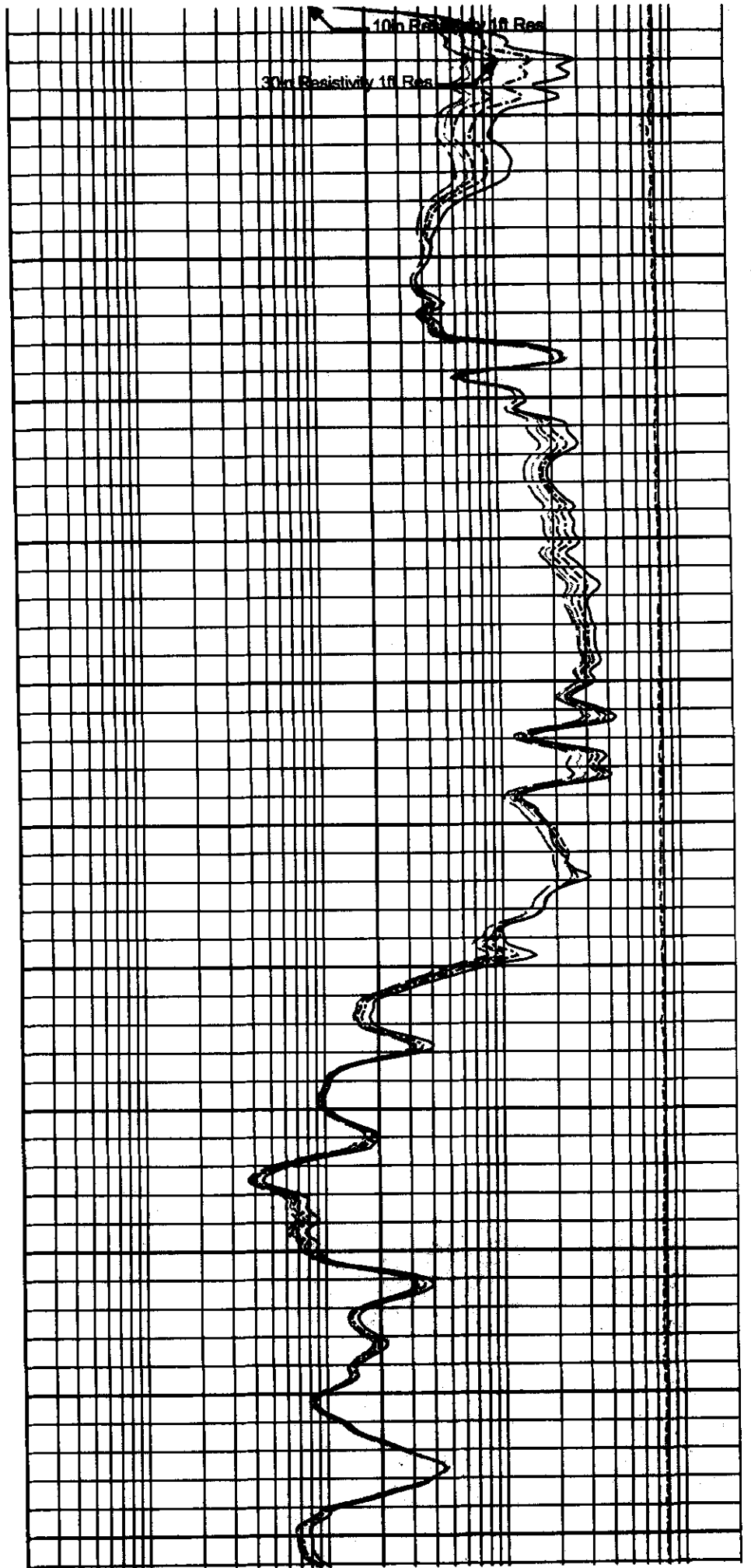


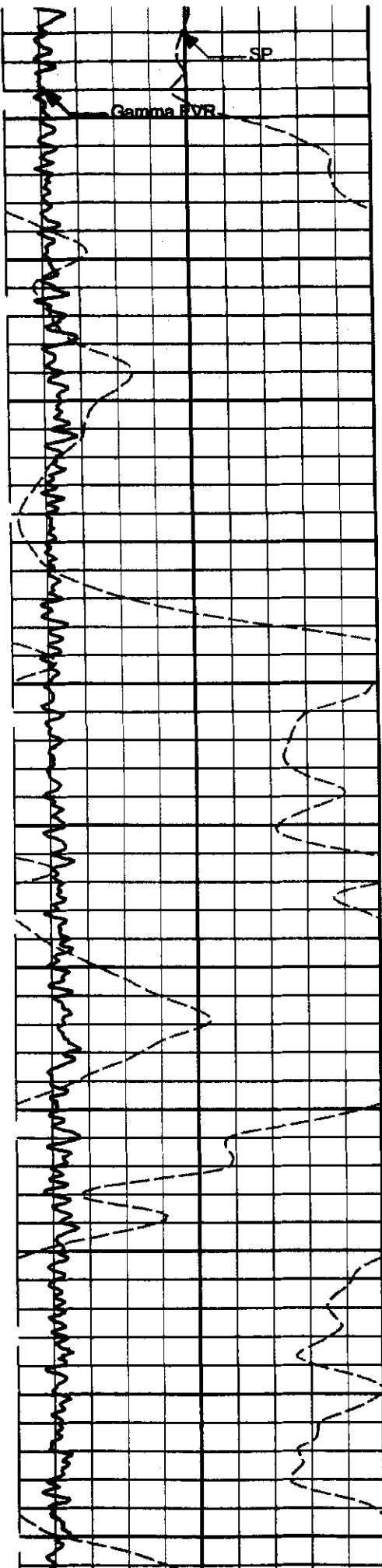
90in Resistivity 1ft Res

20in Resistivity 1ft Res

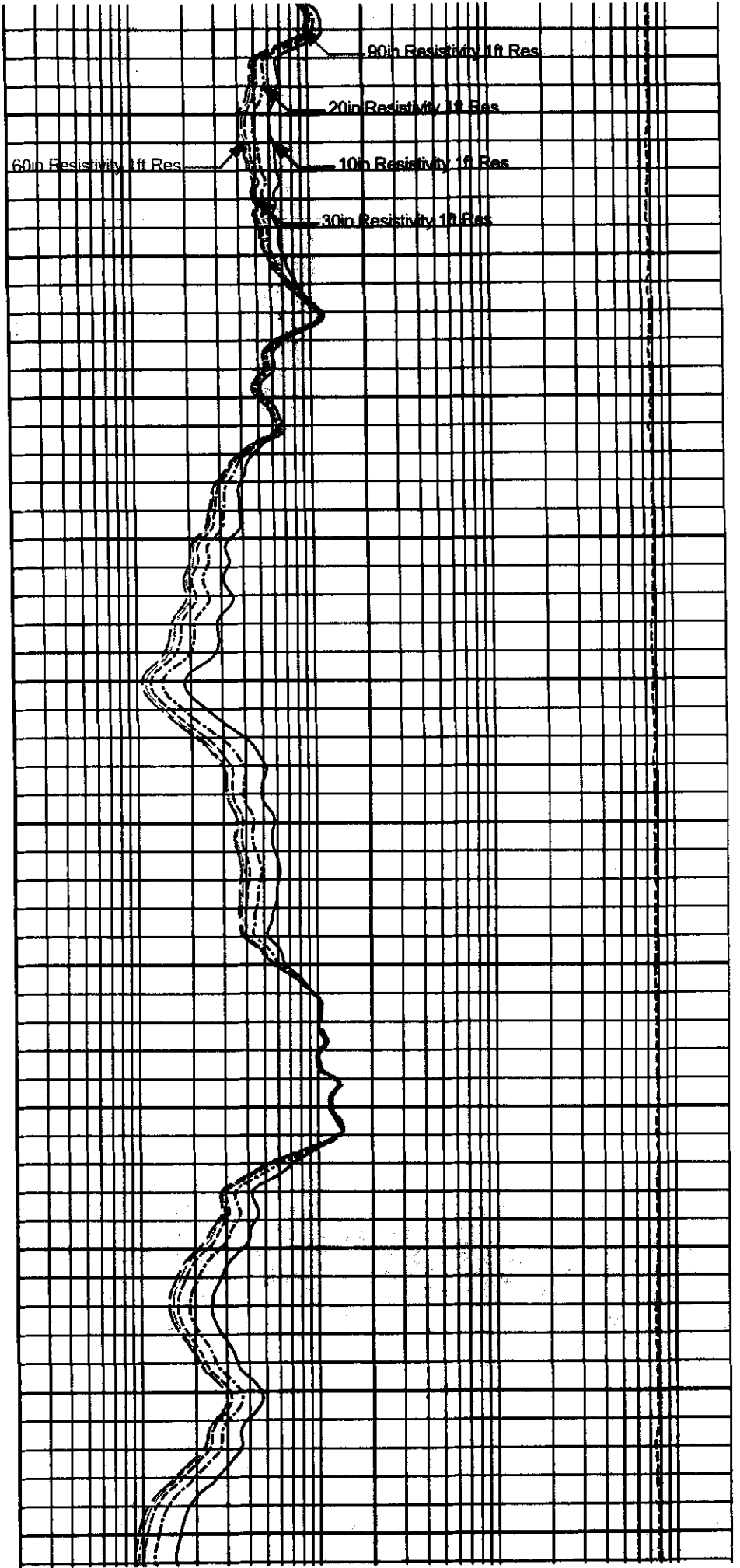


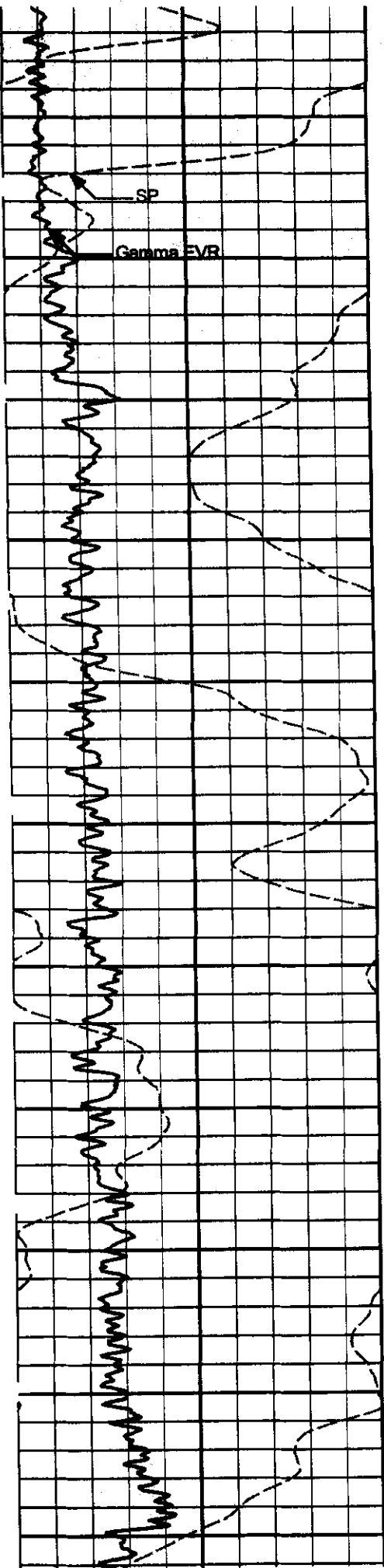
4700



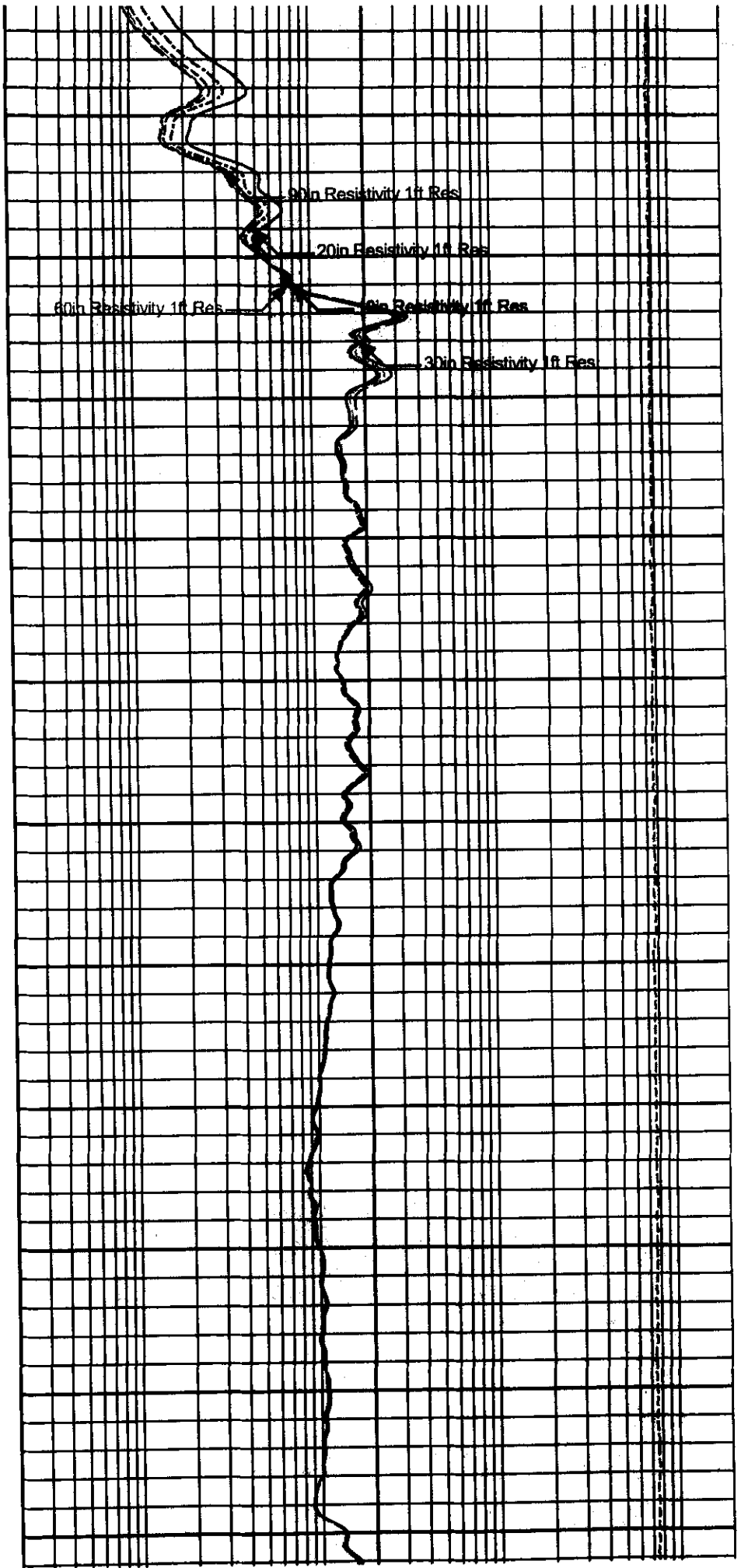


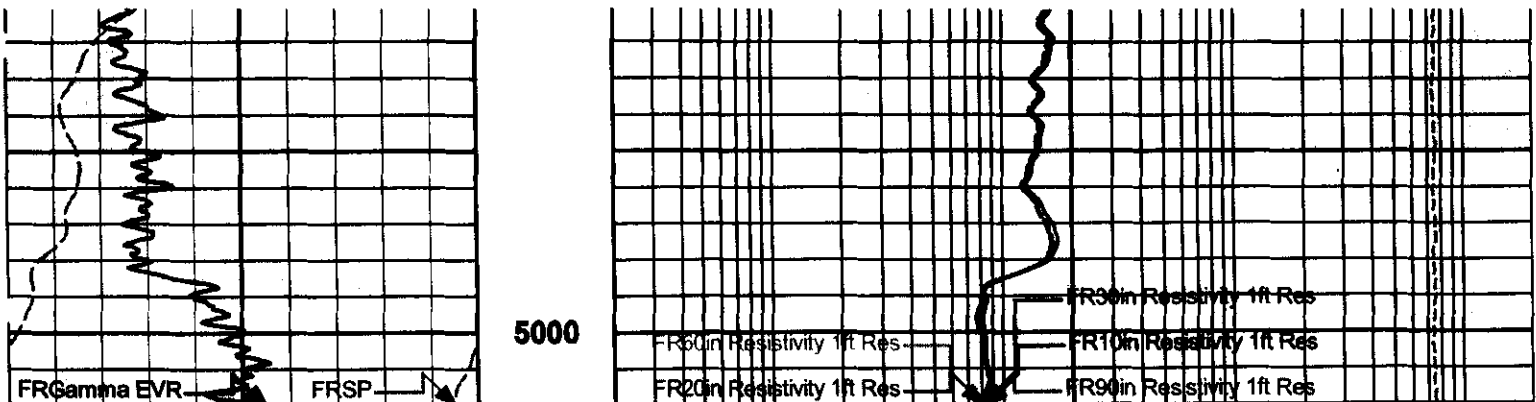
4800





4900





SP	1 : 120	15K	Tension	0
- 20 +	ft		pounds	
0	Gamma EVR	150	Tension Pull	0.2
	apl		10	0
SHALE	Tension Pull		0.2	10In Resistivity 1ft Res
				ohmm
			0.2	20In Resistivity 1ft Res
				ohmm
			0.2	30In Resistivity 1ft Res
				ohm-metre
			0.2	60In Resistivity 1ft Res
				ohmm
			0.2	90In Resistivity 1ft Res
				ohmm

HALLIBURTON

Plot Time: 10-Apr-12 06:11:55
 Plot Range: 4496 ft to 5004 ft
 Data: KITTS_SWD_1Well Based(EVR)
 Plot File: \\-LOCAL-KITTS_SWD_1\0001 SP-GTET-DSN-SDL-ACRT-CHACRTIACRT_5_EVR_LIB

MAIN SECTION 10" PER 100'

HALLIBURTON

Plot Time: 10-Apr-12 06:11:55
 Plot Range: 5096 ft to 5354.83 ft
 Data: KITTS_SWD_1Well Based(REPEAT)
 Plot File: \\-LOCAL-KITTS_SWD_1\0001 SP-GTET-DSN-SDL-ACRT-CHACRTIACRT_5_repeat.lib

REPEAT SECTION

		0.2	90In Resistivity 2ft Res	2000
			ohmm	
		0.2	60In Resistivity 2ft Res	2000
			ohmm	
		0.2	30In Resistivity 2ft Res	2000
			ohm-metre	
		0.2	20In Resistivity 2ft Res	2000
			ohmm	
		0.2	10In Resistivity 2ft Res	2000
			ohmm	
SHALE				
0	Gamma API	150		
	apl			
	SP			
	1 : 240		10K	Tension
				0

-20f+

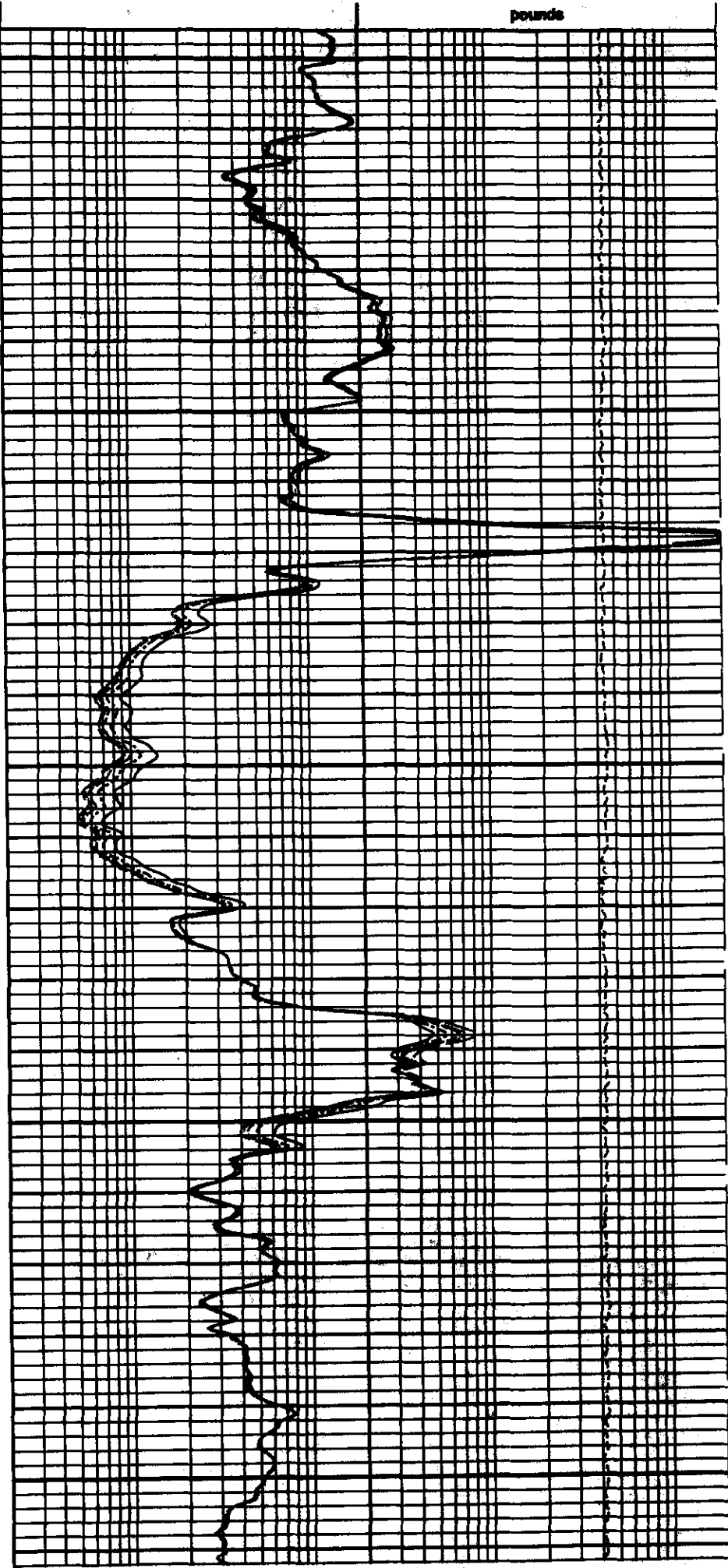
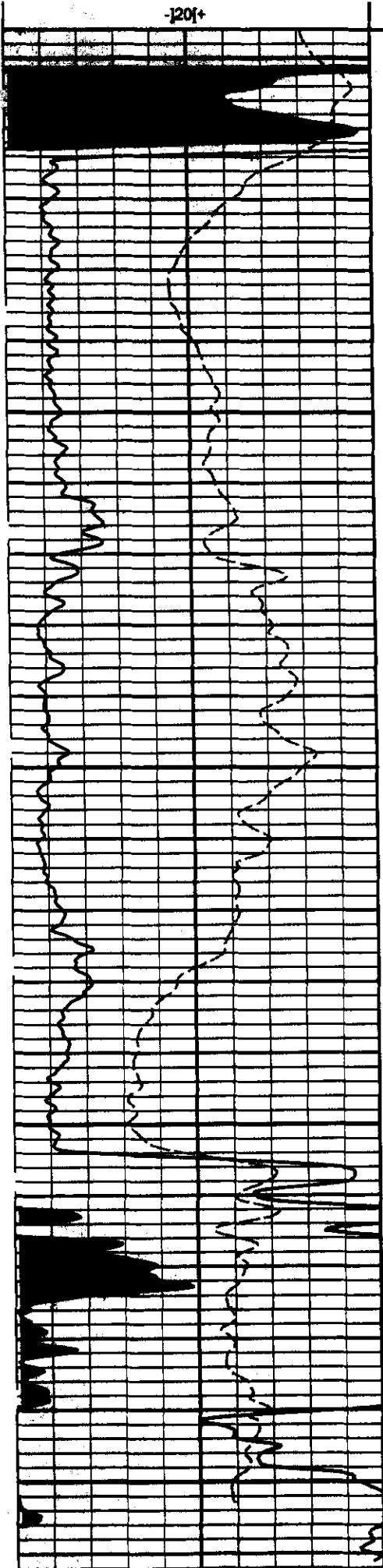
ft

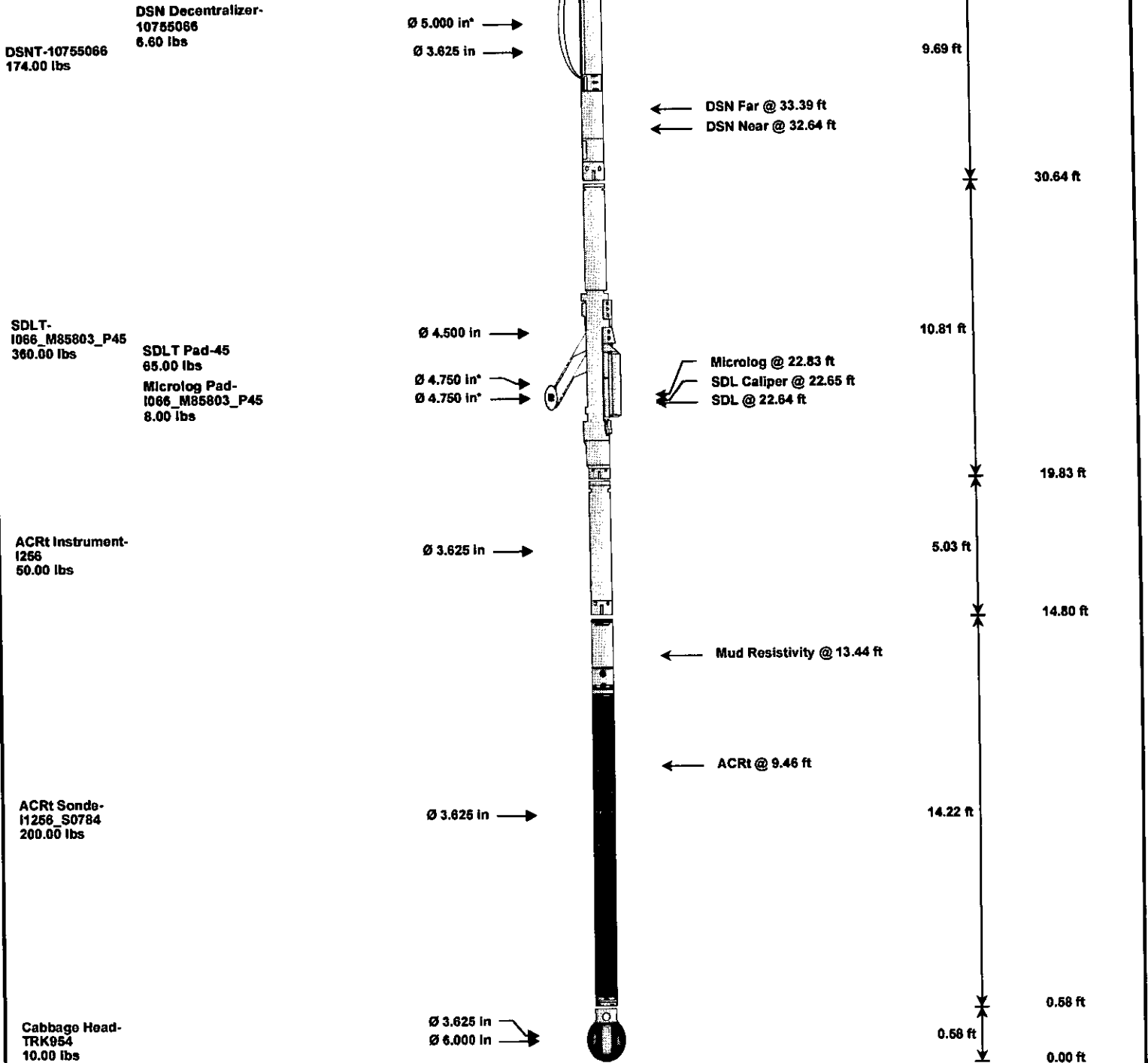
pounds

5100

5200

5300





Mnemonic	Tool Name	Serial Number	Weight (lbs)	Length (ft)	Accumulated Length (ft)	Max. Log. Speed (fpm)
CH	Standard OH Cable Head	PROT01	30.00	1.92	52.59	300.00
SP	SP Sub	11441709	60.00	3.74	48.85	300.00
GTET	Gamma Telemetry Tool	10811258	165.00	8.52	40.33	60.00
DSNT	Dual Spaced Neutron	10755066	174.00	9.69	30.64	60.00
DCNT	DSN Decentralizer	10755066	6.60	5.13 *	33.97	300.00
SDLT	Spectral Density Tool	1066_M85803_P45	360.00	10.81	19.83	60.00
MICP	Microlog Pad	1066_M85803_P45	8.00	1.00 *	22.33	60.00
SDLP	Density Insite Pad	45	65.00	2.55 *	22.04	60.00
ACRT	Array Compensated True Resistivity Instrument Section	I256	50.00	5.03	14.80	300.00
ACRT	Array Compensated True Resistivity	I1256_S0784	200.00	14.22	0.58	300.00
CBHD	Cabbage Head	TRK954	10.00	0.58	0.00	300.00
Total			1,128.60	54.51		

* Not included in Total Length and Length Accumulation.

HALLIBURTON

CALIBRATION REPORT

NATURAL GAMMA RAY TOOL SHOP CALIBRATION

Tool Name: GTET - 10811258

Reference Calibration Date: 27-Feb-12 10:45:14

Engineer: C. MARLOWE

Calibration Date: 03-Apr-12 13:40:54

Software Version: WL INSITE R3.4.2 (Build 2)

Calibration Version: 1

Calibrator Source S/N: TB-185

Calibrator API Reference:228.00 api

Equivalent Calibrator API Reference:232.0 api

Measurement	Measured	Calibrated	Units
Background	23.6	23.3	api
Background + Calibrator	258.0	255.3	api
Calibrator	234.4	232.0	api

NATURAL GAMMA RAY TOOL FIELD CALIBRATION

Tool Name: GTET - 10811258

Reference Calibration Date: 03-Apr-12 13:40:54

Engineer: C. HAVERKAMP

Calibration Date: 09-Apr-12 22:50:04

Software Version: WL INSITE R3.4.2 (Build 2)

Calibration Version: 1

Calibrator Source S/N: TB-185

Calibrator API Reference:228.00 api

Equivalent Calibrator API Reference:232.0 api

Field Verification	Shop	Field	Units
Background	23.3	15.5	api
Background + Calibrator	255.3	247.5	api
Calibrator	232.0	232.0	api

Shop	Field	Difference	Tolerance
232.0	232.0	0.0	+/- 9.00

ARRAY COMPENSATED TRUE RESISTIVITY SHOP CALIBRATION

Tool Name: ACRT Sonde - I1256_S0784

Reference Calibration Date: 19-Jan-12 15:58:26

Engineer: T. HYDE

Calibration Date: 13-Mar-12 13:26:17

Software Version: WL INSITE R3.4.2 (Build 2)

Calibration Version: 1

TYPICAL GAIN RANGE

Subarray	R12KHz			R36KHz			R72KHz		
	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	0.95	1.0137	1.05	0.95	1.0143	1.05	0.95	1.0085	1.05
A2 (50")	0.95	1.0193	1.05	0.95	1.0208	1.05	0.95	1.0136	1.05
A3 (29")	0.95	1.0064	1.05	0.95	1.0074	1.05	0.95	0.9994	1.05
A4 (17")	0.95	1.0098	1.05	0.95	1.0092	1.05	0.95	1.0049	1.05
A5 (10")	N/A	N/A	N/A	0.95	1.0105	1.05	0.95	1.0054	1.05
A6 (6")	N/A	N/A	N/A	0.95	1.0046	1.05	0.95	0.9998	1.05

TYPICAL SONDE OFFSET RANGE

Subarray	R12KHz	R36KHz	R72KHz
----------	--------	--------	--------

	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper	Lower	(mmho/m)	Upper
A1 (80")	-5	-0.239	2	-6	-3.553	-2	-8	-4.446	-2
A2 (50")	-7	-1.913	-1	-6	-3.553	-2	-7	-4.213	-2
A3 (29")	-27	-16.306	-9	-9	-4.644	-3	-7	-3.295	-1
A4 (17")	-180	-96.949	-60	-45	-32.056	-15	-39	-26.071	-13
A5 (10")	N/A	N/A	N/A	-150	-97.512	-50	-80	-48.368	-10
A6 (6")	N/A	N/A	N/A	175	301.802	525	90	161.346	270

TRANSMITTER CURRENT GAIN			
Signal	Lower	R	Upper
12K	0.6	0.8678	1.3
36K	1.0	1.1980	2.0
72K	1.0	1.5472	2.0

R-MUD VERIFICATION			
Signal	Lower (ohm-m)	Measured (ohm-m)	Upper (ohm-m)
Mud Cell	0.95	1.000	1.05

CALIBRATION SUMMARY						
Sensor	Shop	Field	Post	Difference	Tolerance	Units
GTET-10811258						
Gamma Ray Calibrator	232.0	232.0	-----	0.0	+/- 9.00	api
ACRt Sonde-I1256_S0784						
Mud Cell	1.000	-----	-----	0.000	-----	ohm-m

Data: KITTS_SWD_110001 SP-GTET-DSN-SDL-ACRT-CHIDLE Date: 10-Apr-12 00:42:13

HALLIBURTON

PARAMETERS REPORT

Depth (ft)	Tool Name	Mnemonic	Description	Value	Units
TOP					
	SHARED	BS	Bit Size	8.750	in
	SHARED	UBS	Use Bit Size instead of Caliper for all applications.	No	
	SHARED	MDBS	Mud Base	Water	
	SHARED	MDWT	Borehole Fluid Weight	9.300	ppg
	SHARED	WAGT	Weighting Agent	Natural	
	SHARED	BSAL	Borehole salinity	2100.00	ppm
	SHARED	FSAL	Formation Salinity NaCl	0.00	ppm
	SHARED	KPCT	Percent K in Mud by Weight?	0.00	%
	SHARED	RMUD	Mud Resistivity	2.000	ohmm
	SHARED	TRM	Temperature of Mud	75.0	degF
	SHARED	CSD	Logging Interval is Cased?	No	
	SHARED	ICOD	AHV Casing OD	7.000	in
	SHARED	ST	Surface Temperature	75.0	degF
	SHARED	TD	Total Well Depth	5362.00	ft
	SHARED	BHT	Bottom Hole Temperature	130.0	degF
	SHARED	SVTM	Navigation and Survey Master Tool	NONE	
	SHARED	AZTM	High Res Z Accelerometer Master Tool	GTET	
	SHARED	TEMM	Temperature Master Tool	NONE	
	SHARED	BHSM	Borehole Size Master Tool	NONE	
	Rwa / CrossPlot	XPOK	Process Crossplot?	Yes	
	Rwa / CrossPlot	FCHO	Select Source of F	Automatic	
	Rwa / CrossPlot	AFAC	Archie A factor	0.6200	

Rwa / CrossPlot	MFAC	Archie M factor	2.1500	
Rwa / CrossPlot	RMFR	Rmf Reference	0.10	ohmm
Rwa / CrossPlot	TMFR	Rmf Ref Temp	75.00	degF
Rwa / CrossPlot	RWA	Resistivity of Formation Water	0.05	ohmm
Rwa / CrossPlot	ADP	Use Air Porosity to calculate CrossplotPhi	No	
GTET	GROK	Process Gamma Ray?	Yes	
GTET	GRSO	Gamma Tool Standoff	0.000	in
GTET	GEOK	Process Gamma Ray EVR?	No	
GTET	TPOS	Tool Position for Gamma Ray Tools.	Eccentered	
DSNT	DNOK	Process DSN?	Yes	
DSNT	DEOK	Process DSN EVR?	No	
DSNT	NLIT	Neutron Lithology	Limestone	
DSNT	DNSO	DSN Standoff - 0.25 in (6.35 mm) Recommended	0.250	in
DSNT	DNTP	Temperature Correction Type	None	
DSNT	DPRS	DSN Pressure Correction Type	None	
DSNT	SHCO	View More Correction Options	No	
DSNT	UTVD	Use TVD for Gradient Corrections?	No	
DSNT	LHWT	Logging Horizontal Water Tank?	No	
SDLT	CLOK	Process Caliper Outputs?	Yes	
SDLT Pad	DNOK	Process Density?	Yes	
SDLT Pad	DNOK	Process Density EVR?	No	
SDLT Pad	CB	Logging Calibration Blocks?	No	
SDLT Pad	SPVT	SDLT Pad Temperature Valid?	Yes	
SDLT Pad	DTWN	Disable temperature warning	No	
SDLT Pad	DMA	Formation Density Matrix	2.710	g/cc
SDLT Pad	DFL	Formation Density Fluid	1.000	g/cc
Microlog Pad	MLOK	Process MicroLog Outputs?	Yes	
ACRt Sonde	RTOK	Process ACRt?	Yes	
ACRt Sonde	MNSO	Minimum Tool Standoff	1.50	in
ACRt Sonde	TCS1	Temperature Correction Source	FP Lwr & FP Up	
ACRt Sonde	TPOS	Tool Position	Free Hanging	
ACRt Sonde	RMOP	Rmud Source	Mud Cell	
ACRt Sonde	RMIN	Minimum Resistivity for MAP	0.20	ohmm
ACRt Sonde	RMIN	Maximum Resistivity for MAP	200.00	ohmm
ACRt Sonde	THQY	Threshold Quality	0.50	

BOTTOM

Data: KITS_SWD_110001 SP-GTET-DSN-SDL-ACRT-CHUDLE

Date: 10-Apr-12 00:40:48

HALLIBURTON

INPUTS, DELAYS AND FILTERS TABLE

Mnemonic	Input Description	Delay (ft)	Filter Type	Filter Length (ft)
Depth Panel				
TENS	Tension	0.00	NO	
SP Sub				
PLTC	Plot Control Mask	50.81	NO	
SP	Spontaneous Potential	50.81	BLK	1.250
SPR	Raw Spontaneous Potential	50.81	NO	
SPO	Spontaneous Potential Offset	50.81	NO	

GTET

TPUL	Tension Pull	42.79	NO	
GR	Natural Gamma Ray API	42.79	TRI	1.750
GRU	Unfiltered Natural Gamma Ray API	42.79	NO	
EGR	Natural Gamma Ray API with Enhanced Vertical Resolution	42.79	W	1.416 , 0.750
ACCZ	Accelerometer Z	0.00	BLK	0.083
DEVI	Inclination	0.00	NO	

DSNT

TPUL	Tension Pull	32.54	NO	
RNDS	Near Detector Telemetry Counts	32.64	BLK	1.417
RFDS	Far Detector Telemetry Counts	33.39	TRI	0.583
DNTT	DSN Tool Temperature	32.64	NO	
DSNS	DSN Tool Status	32.54	NO	
ERND	Near Detector Telemetry Counts EVR	32.64	BLK	0.000
ERFD	Far Detector Telemetry Counts EVR	33.39	BLK	0.000
ENTM	DSN Tool Temperature EVR	32.64	NO	

SDLT

TPUL	Tension Pull	22.65	NO	
PCAL	Pad Caliper	22.65	TRI	0.250
ACAL	Arm Caliper	22.65	TRI	0.250

ACRt Sonde

TPUL	Tension Pull	2.97	NO	
F1R1	ACRT 12KHz - 80in R value	9.22	BLK	0.000
F1X1	ACRT 12KHz - 80in X value	9.22	BLK	0.000
F1R2	ACRT 12KHz - 50in R value	6.72	BLK	0.000
F1X2	ACRT 12KHz - 50in X value	6.72	BLK	0.000
F1R3	ACRT 12KHz - 29in R value	5.22	BLK	0.000
F1X3	ACRT 12KHz - 29in X value	5.22	BLK	0.000
F1R4	ACRT 12KHz - 17in R value	4.22	BLK	0.000
F1X4	ACRT 12KHz - 17in X value	4.22	BLK	0.000
F1R5	ACRT 12KHz - 10in R value	3.72	BLK	0.000
F1X5	ACRT 12KHz - 10in X value	3.72	BLK	0.000
F1R6	ACRT 12KHz - 6in R value	3.47	BLK	0.000
F1X6	ACRT 12KHz - 6in X value	3.47	BLK	0.000
F2R1	ACRT 36KHz - 80in R value	9.22	BLK	0.000
F2X1	ACRT 36KHz - 80in X value	9.22	BLK	0.000
F2R2	ACRT 36KHz - 50in R value	6.72	BLK	0.000
F2X2	ACRT 36KHz - 50in X value	6.72	BLK	0.000
F2R3	ACRT 36KHz - 29in R value	5.22	BLK	0.000
F2X3	ACRT 36KHz - 29in X value	5.22	BLK	0.000
F2R4	ACRT 36KHz - 17in R value	4.22	BLK	0.000
F2X4	ACRT 36KHz - 17in X value	4.22	BLK	0.000
F2R5	ACRT 36KHz - 10in R value	3.72	BLK	0.000
F2X5	ACRT 36KHz - 10in X value	3.72	BLK	0.000
F2R6	ACRT 36KHz - 6in R value	3.47	BLK	0.000
F2X6	ACRT 36KHz - 6in X value	3.47	BLK	0.000
F3R1	ACRT 72KHz - 80in R value	9.22	BLK	0.000
F3X1	ACRT 72KHz - 80in X value	9.22	BLK	0.000
F3R2	ACRT 72KHz - 50in R value	6.72	BLK	0.000
F3X2	ACRT 72KHz - 50in X value	6.72	BLK	0.000
F3R3	ACRT 72KHz - 29in R value	5.22	BLK	0.000
F3X3	ACRT 72KHz - 29in X value	5.22	BLK	0.000

F3R4	ACRT 72KHz - 17in R value	4.22	BLK	0.000
F3X4	ACRT 72KHz - 17in X value	4.22	BLK	0.000
F3R5	ACRT 72KHz - 10in R value	3.72	BLK	0.000
F3X5	ACRT 72KHz - 10in X value	3.72	BLK	0.000
F3R6	ACRT 72KHz - 6in R value	3.47	BLK	0.000
F3X6	ACRT 72KHz - 6in X value	3.47	BLK	0.000
RMUD	Mud Resistivity	12.76	BLK	0.000
F1RT	Transmitter Reference 12 KHz Real Signal	2.97	BLK	0.000
F1XT	Transmitter Reference 12 KHz Imaginary Signal	2.97	BLK	0.000
F2RT	Transmitter Reference 36 KHz Real Signal	2.97	BLK	0.000
F2XT	Transmitter Reference 36 KHz Imaginary Signal	2.97	BLK	0.000
F3RT	Transmitter Reference 72 KHz Real Signal	2.97	BLK	0.000
F3XT	Transmitter Reference 72 KHz Imaginary Signal	2.97	BLK	0.000
TFPU	Upper Feedpipe Temperature Calculated	2.97	BLK	0.000
TFPL	Lower Feedpipe Temperature Calculated	2.97	BLK	0.000
ITMP	Instrument Temperature	2.97	BLK	0.000
TCVA	Temperature Correction Values Loop Off	2.97	NO	
TIDV	Instrument Temperature Derivative	2.97	NO	
TUDV	Upper Temperature Derivative	2.97	NO	
TLDV	Lower Temperature Derivative	2.97	NO	
TRBD	Receiver Board Temperature	2.97	NO	

SDLT Pad

TPUL	Tension Pull	22.64	NO	
NAB	Near Above	22.46	BLK	0.920
NHI	Near Cesium High	22.46	BLK	0.920
NLO	Near Cesium Low	22.46	BLK	0.920
NVA	Near Valley	22.46	BLK	0.920
NBA	Near Barite	22.46	BLK	0.920
NDE	Near Density	22.46	BLK	0.920
NPK	Near Peak	22.46	BLK	0.920
NLI	Near Lithology	22.46	BLK	0.920
NBAU	Near Barite Unfiltered	22.46	BLK	0.250
NLIU	Near Lithology Unfiltered	22.46	BLK	0.250
FAB	Far Above	22.81	BLK	0.250
FHI	Far Cesium High	22.81	BLK	0.250
FLO	Far Cesium Low	22.81	BLK	0.250
FVA	Far Valley	22.81	BLK	0.250
FBA	Far Barite	22.81	BLK	0.250
FDE	Far Density	22.81	BLK	0.250
FPK	Far Peak	22.81	BLK	0.250
FLI	Far Lithology	22.81	BLK	0.250
PTMP	Pad Temperature	22.65	BLK	0.920
NHV	Near Detector High Voltage	22.04	NO	
FHV	Far Detector High Voltage	22.04	NO	
ITMP	Instrument Temperature	22.04	NO	
DDHV	Detector High Voltage	22.04	NO	

Microlog Pad

TPUL	Tension Pull	22.83	NO	
MINV	Microlog Lateral	22.83	BLK	0.750
MNOR	Microlog Normal	22.83	BLK	0.750

Data: KITTS_SWD_110001 SP-GTET-DSN-SDL-ACRT-CHUIDLE

Date: 10-Apr-12 01:55:41

COMPANY: SPT FERGUSON

WELL: KITTS SWD #1

FIELD: WILDCAT

COUNTY: HARPER

STATE

KANSAS

HALLIBURTON

ARRAY COMPENSATED
TRUE RESISTIVITY
LOG

HALLIBURTON

Plot Time: 10-Apr-12 06:11:57

Plot Range: 1520 ft to 5334.5 ft

Data: KITTS_SWD_1Well Based(MAIN)

Plot File: \\LOCAL\KITTS_SWD_1\...ACRT_1_1ib

1 INCH MAIN LOG

1000 90in Conductivity 2ft Res 0

mmho per metre

0 90in Resistivity 2ft Res 50

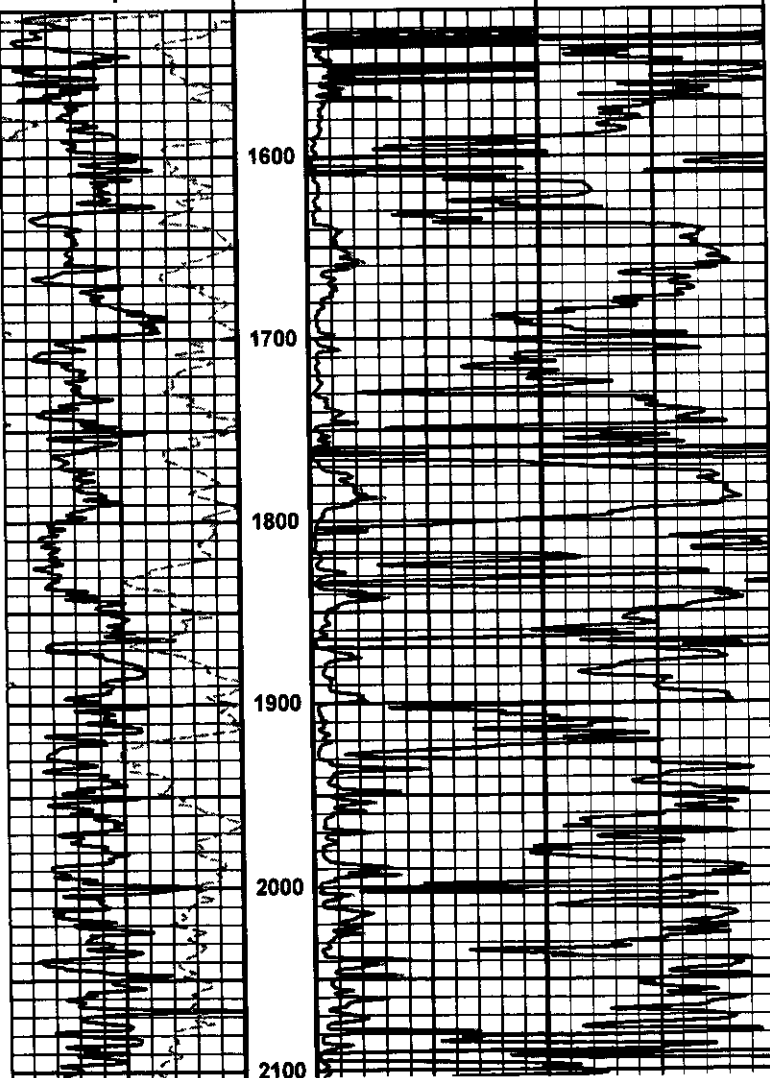
ohm-metre

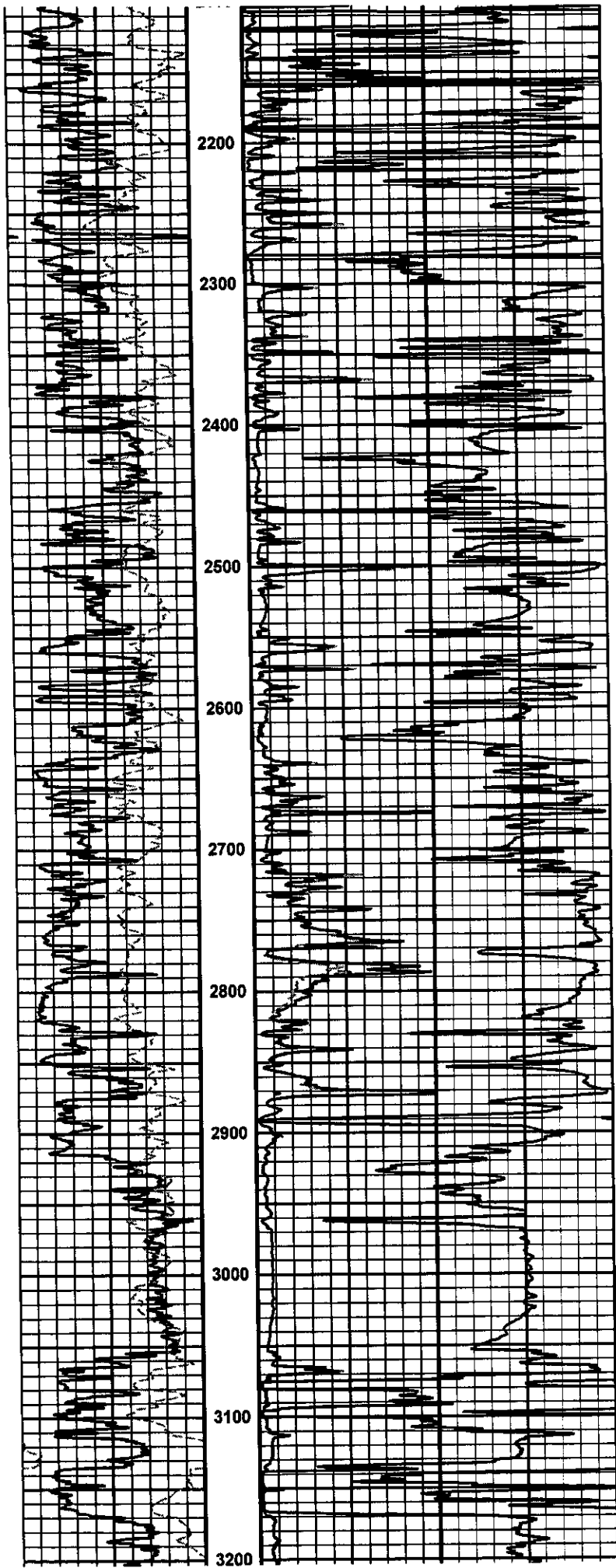
0 20in Resistivity 2ft Res 50

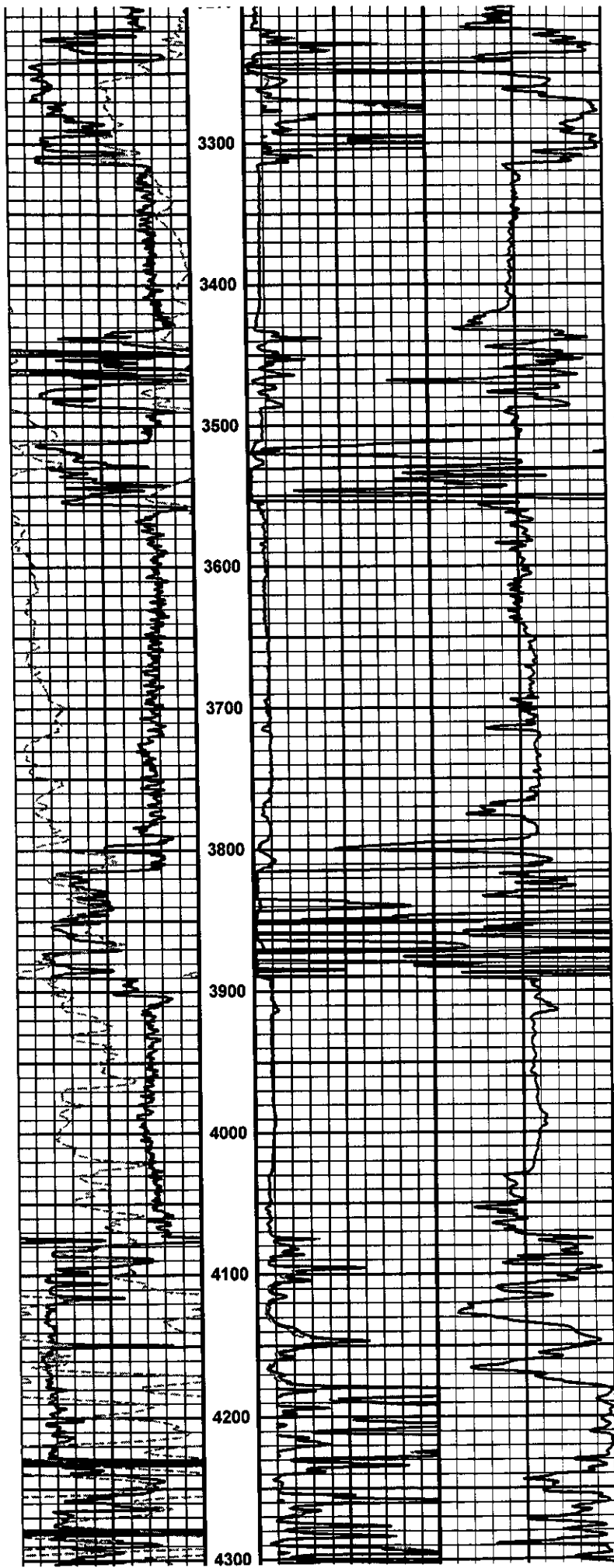
ohm-metre

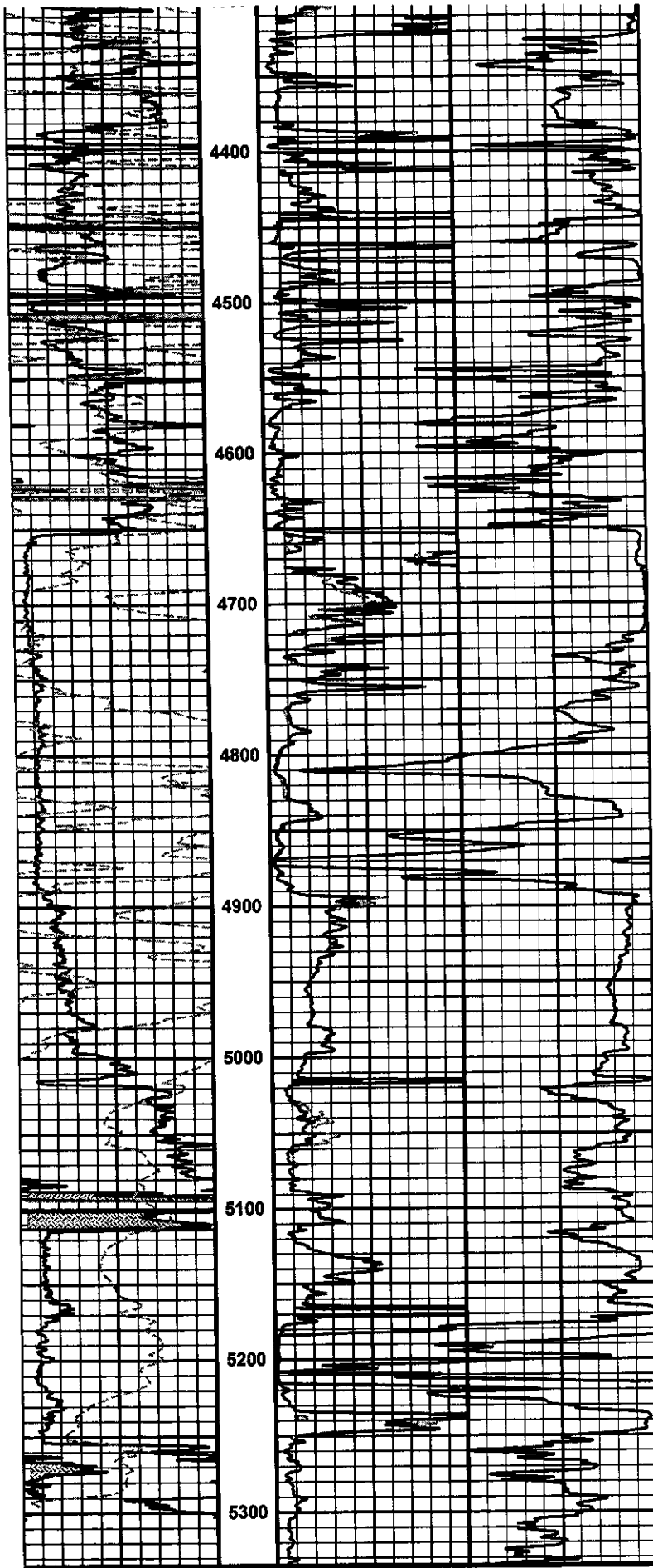
SP
-20[+
0 Gamma API 150
api

1 : 1200
FT









0	Gamma API	150	1 : 1200	0	20in Resistivity 2ft Res	50
	apl		FT		ohm-metre	

SP	0	50
-20+	ohm-metre	
	1000	90in Conductivity 2ft Res 0
	mmho per metre	
HALLIBURTON Plot Time: 10-Apr-12 06:12:00 Plot Range: 1520 ft to 5334.5 ft Data: KITTs_SWd_1\Well Based\MAIN Plot File: \\-LOCAL-KITTs_SWd_1\...ACRT_1_11b		
1 INCH MAIN LOG		

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 21, 2013

Brent Keys
Unit Petroleum Company
7130 S LEWIS AVE
STE 1000
TULSA, OK 74136-5492

Re: ACO1
API 15-077-21827-00-00
Kitts SWD #1
SE/4 Sec.20-34S-08W
Harper County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Brent Keys

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 22, 2013

Brent Keys
Unit Petroleum Company
7130 S LEWIS AVE
STE 1000
TULSA, OK 74136-5492

Re: ACO-1
API 15-077-21827-00-00
Kitts SWD #1
SE/4 Sec.20-34S-08W
Harper County, Kansas

Dear Brent Keys:

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 4/1/2012 and the ACO-1 was received on January 21, 2013 (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