

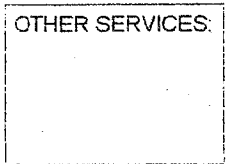


Century GEOPHYSICAL CORP.

SH-1P

COMPANY : KIEWITERY
 WELL : SH-1P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 17

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/05/02
 DEPTH DRILLER : 65
 LOG BOTTOM : 70.00
 LOG TOP : 1.50

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

FILE : ORIGINAL
 TYPE : S030AA

THRESH: 50000

PLUG HOLE
 SITE GEOL W.PRUIT/CLARK FRITZ

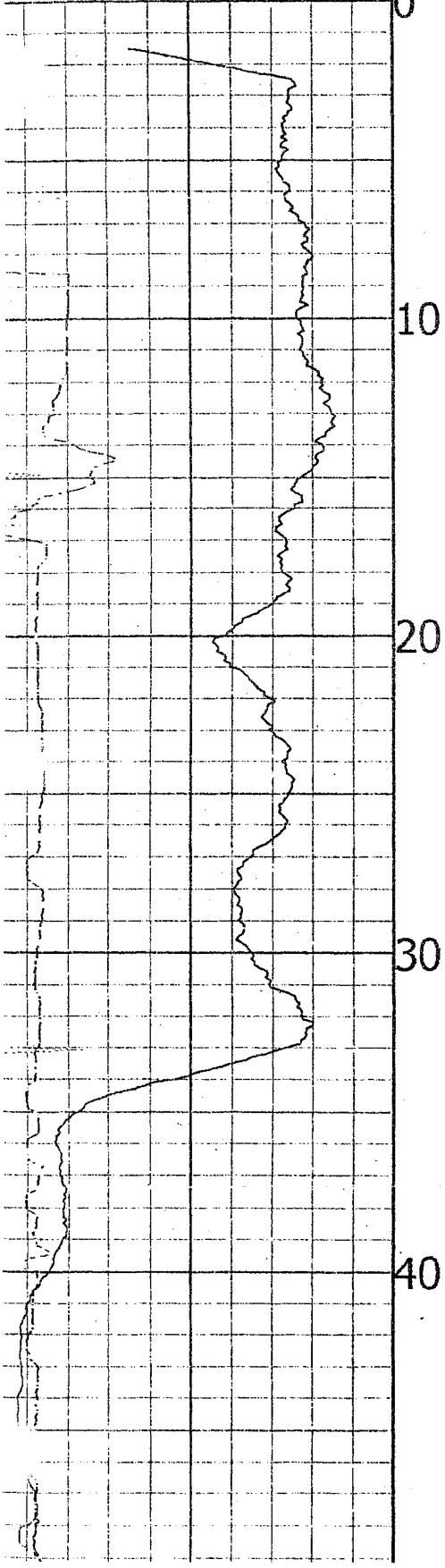
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET		
INCH	14			
GAM(NAT)			RES(MG)	
50	API-GR	300	0	OHM-M

0 API-GR 300

GAM(NAT)

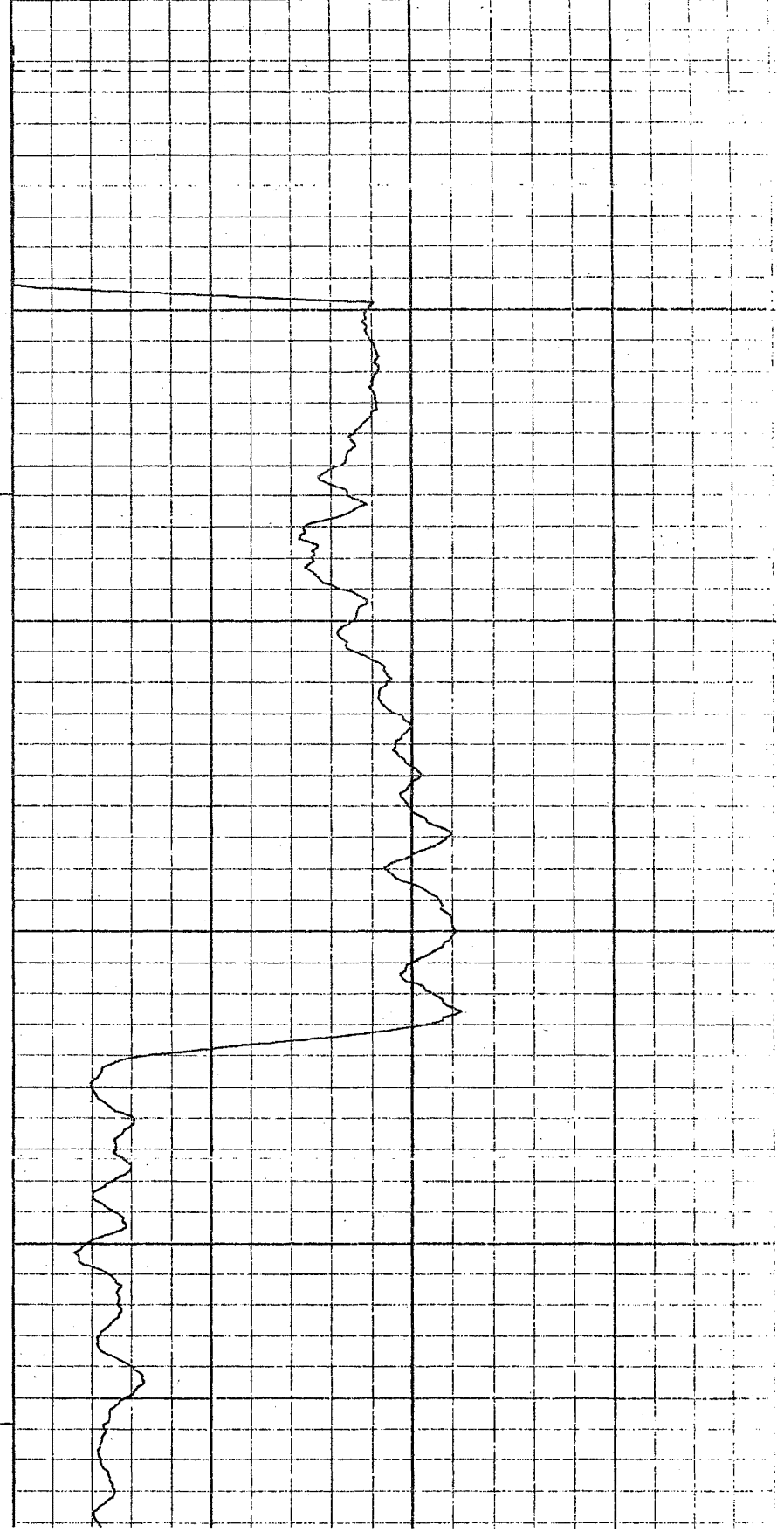
API-GR 150

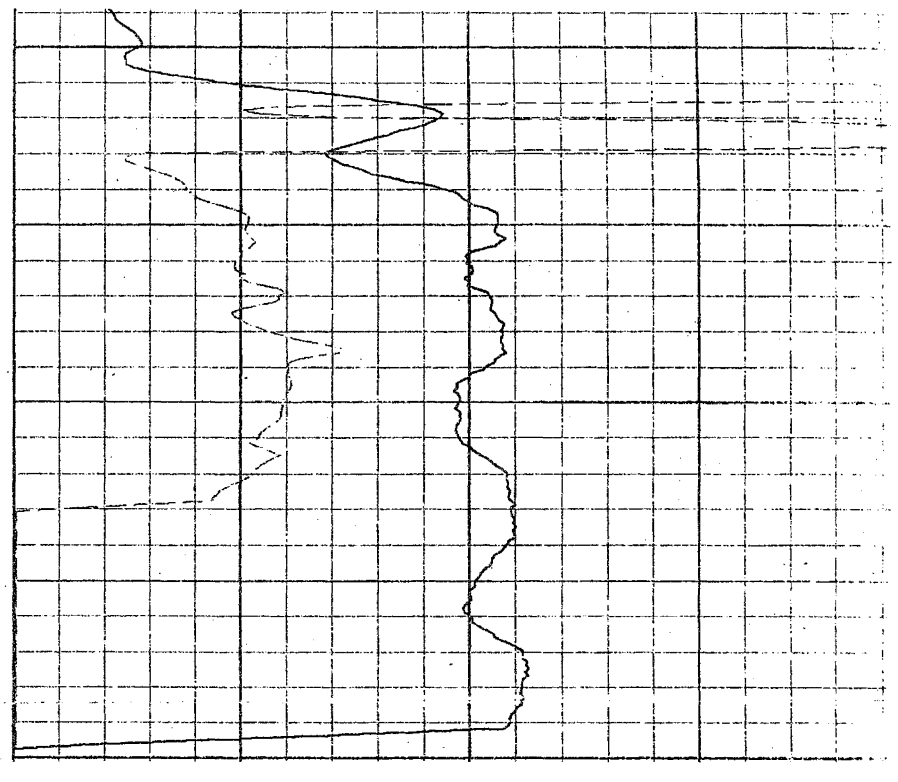
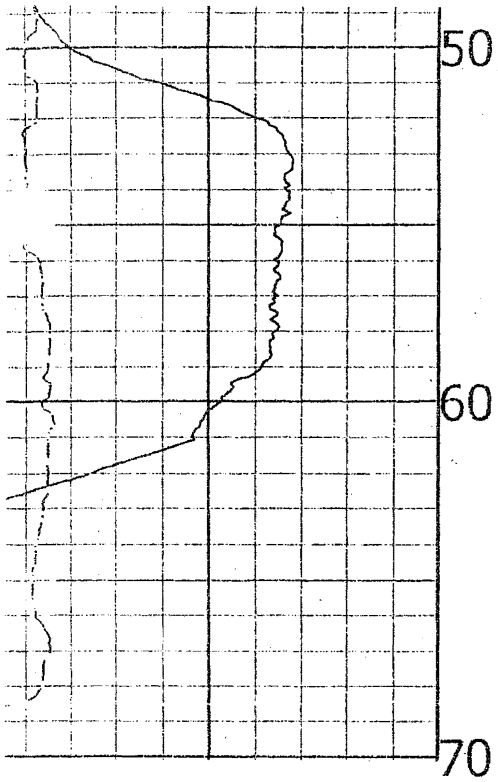


0 OHM-M

DENSITY

1 G/CC



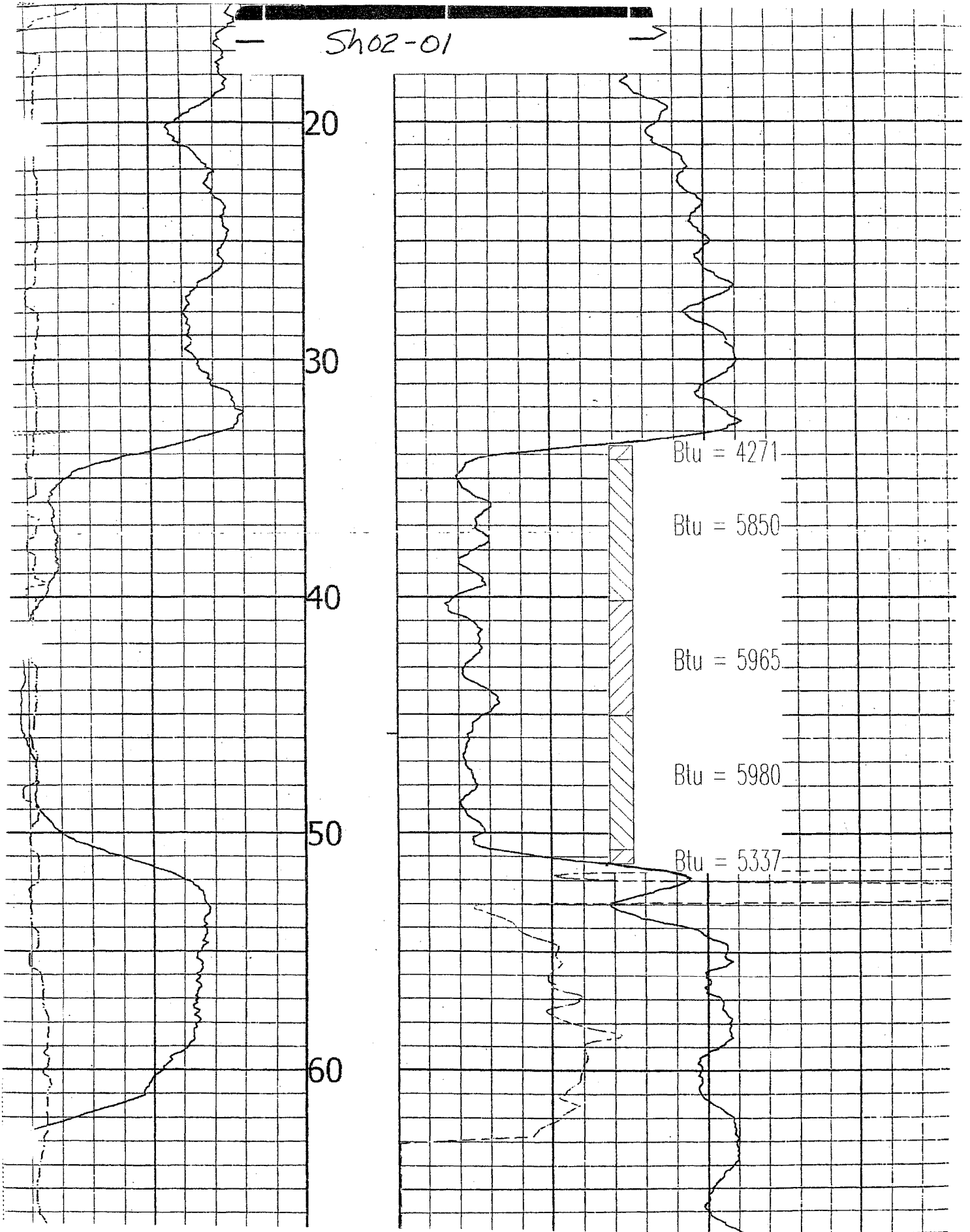


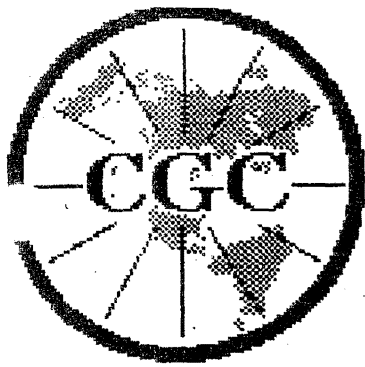
	GAM(NAT)	
0	API-GR	300
	GAM(NAT)	
	INCH	14
	CALIPER	

FEET

	DENSITY
0	OHM-M
	RES(MG)

Sh02-01





Century GEOPHYSICAL CORP.

SH02-02A-PZ

COMPANY : KIEWITERGY
WELL : SH02-02A-PZ
LOCATION/FIELD : SOUTH HEART
COUNTY : STARK
STATE : ND
SECTION : 17

OTHER SERVICES:

TOWNSHIP : 139N RANGE : 98W

DATE : 03/27/02
DEPTH DRILLER : 240
LOG BOTTOM : 239.70
LOG TOP : 1.40

PERMANENT DATUM :
LOG MEASURED FROM:
DRL MEASURED FROM:

KB :
DF :
GL :

CASING DIAMETER : NA
CASING TYPE :
CASING THICKNESS:

LOGGING UNIT : 9706
FIELD OFFICE : CGC-CASPER,
RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
RM :
RM-TEMPERATURE :
MATRIX DELTA T : 54

FILE : ORIGINAL
TYPE : 9030AA
THRESH: 50000

PIEZOMETER WELL
SITE GEOL. W.PRUIT/CLARK FRITZ

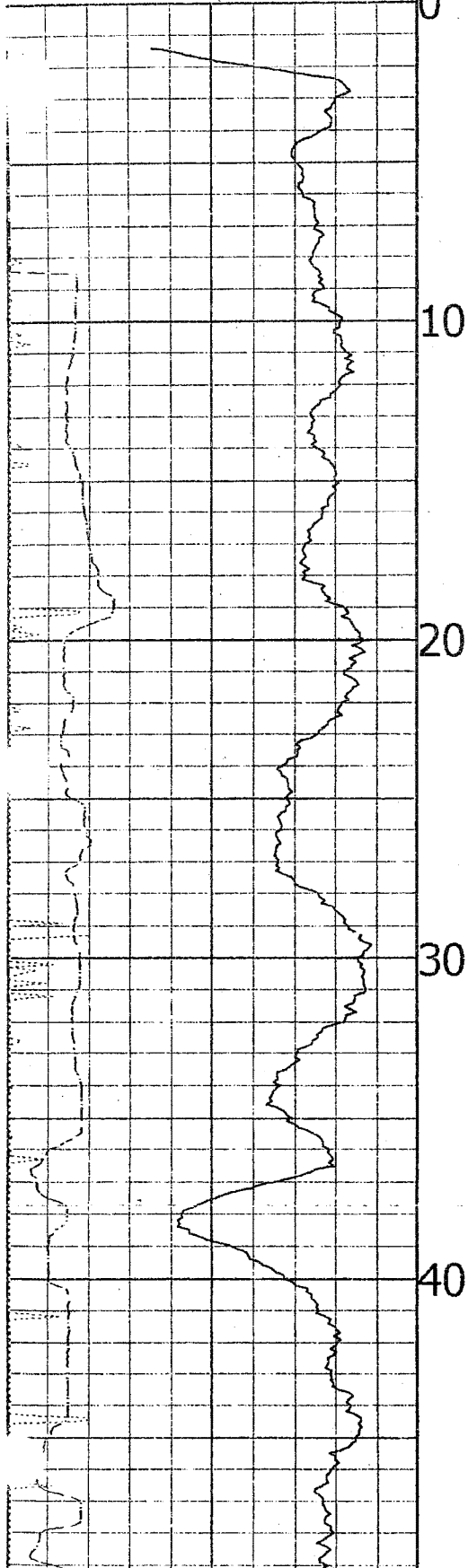
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET		
INCH	14			
GAM(NAT)			RES(MG)	
150	API-GR	300	0	OHM-M
			DENSITY	

150 API-GR 500

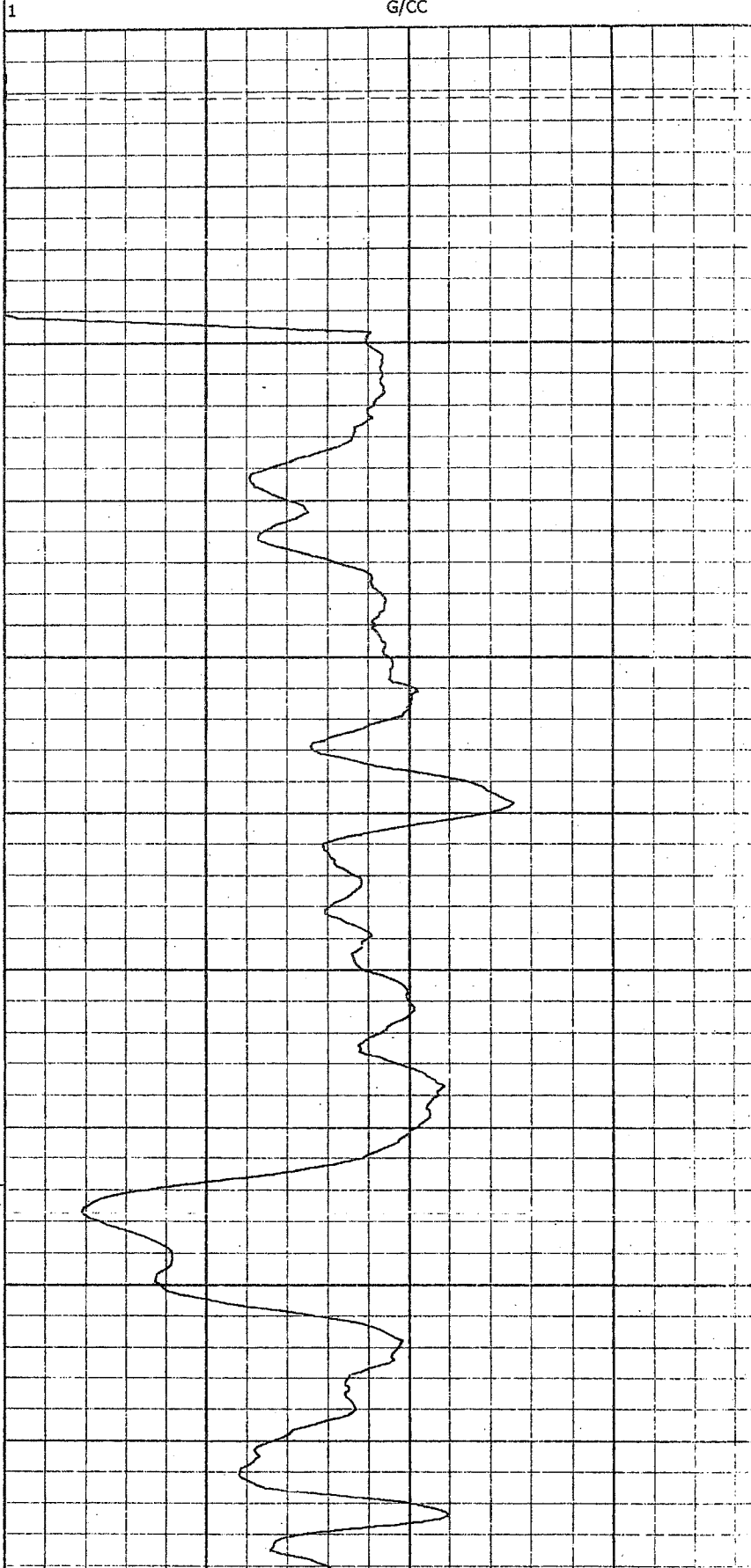
GAM(NAT)

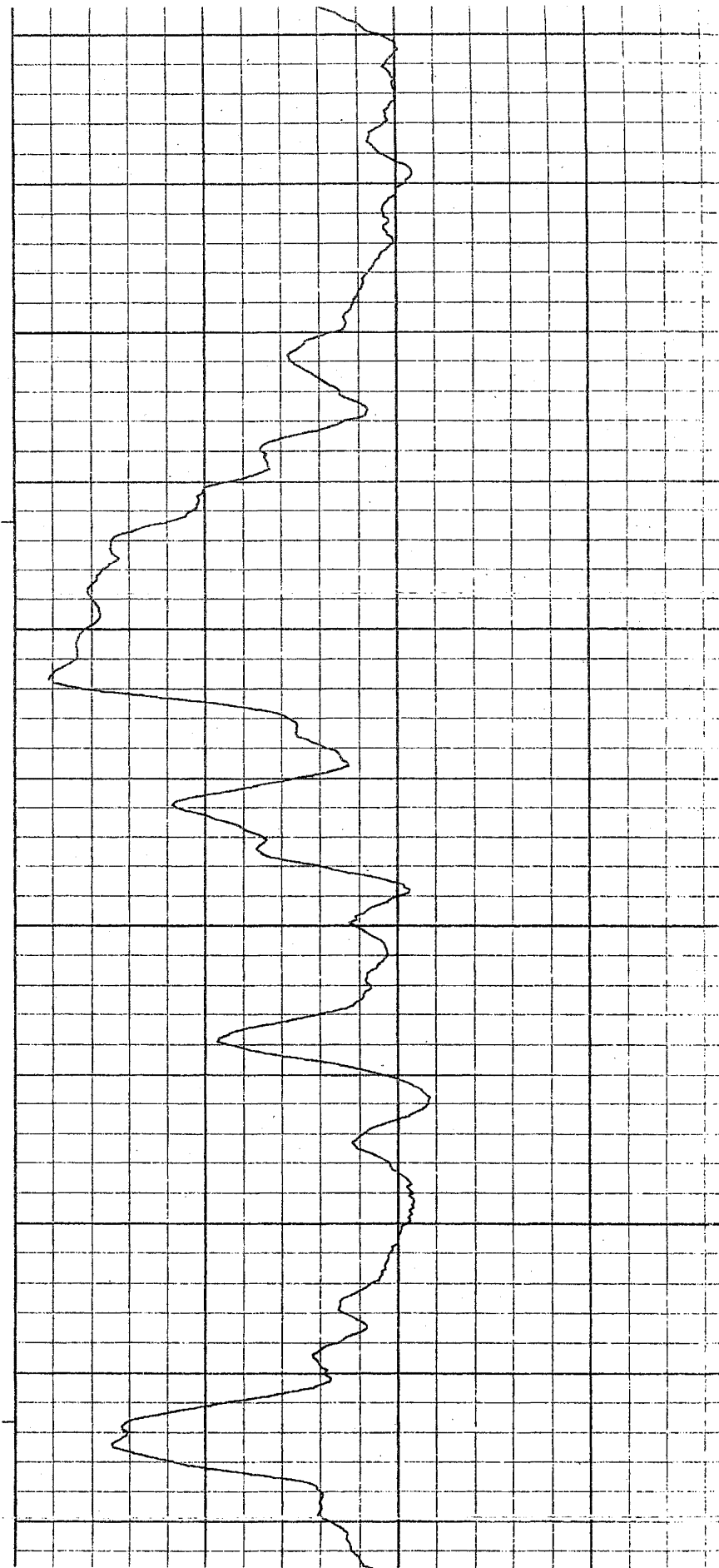
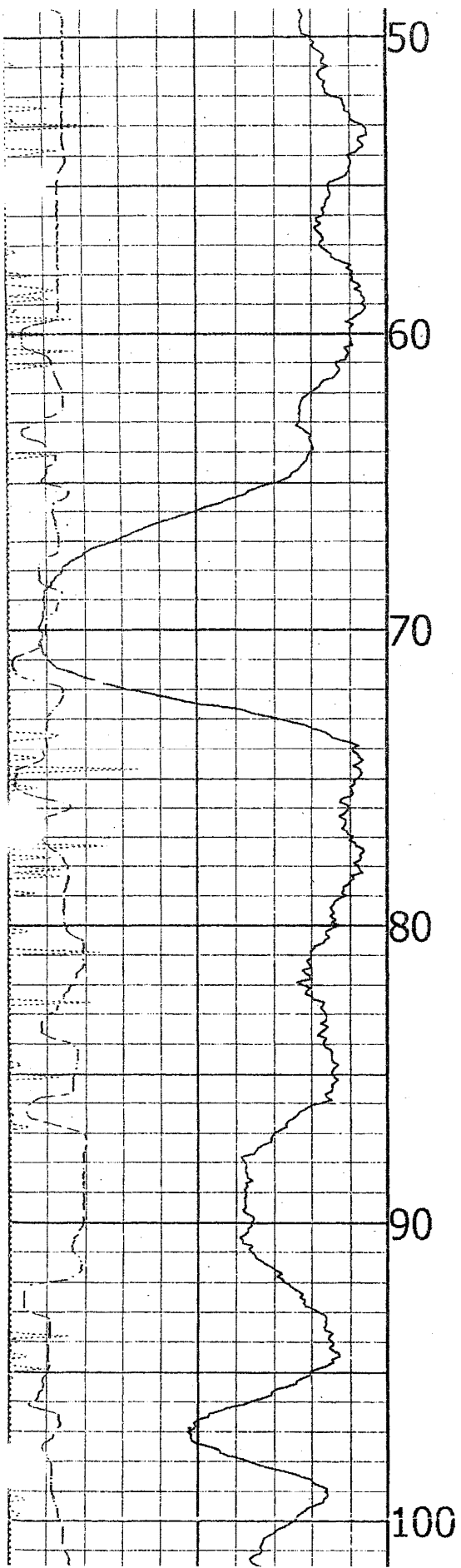
0 API-GR 150

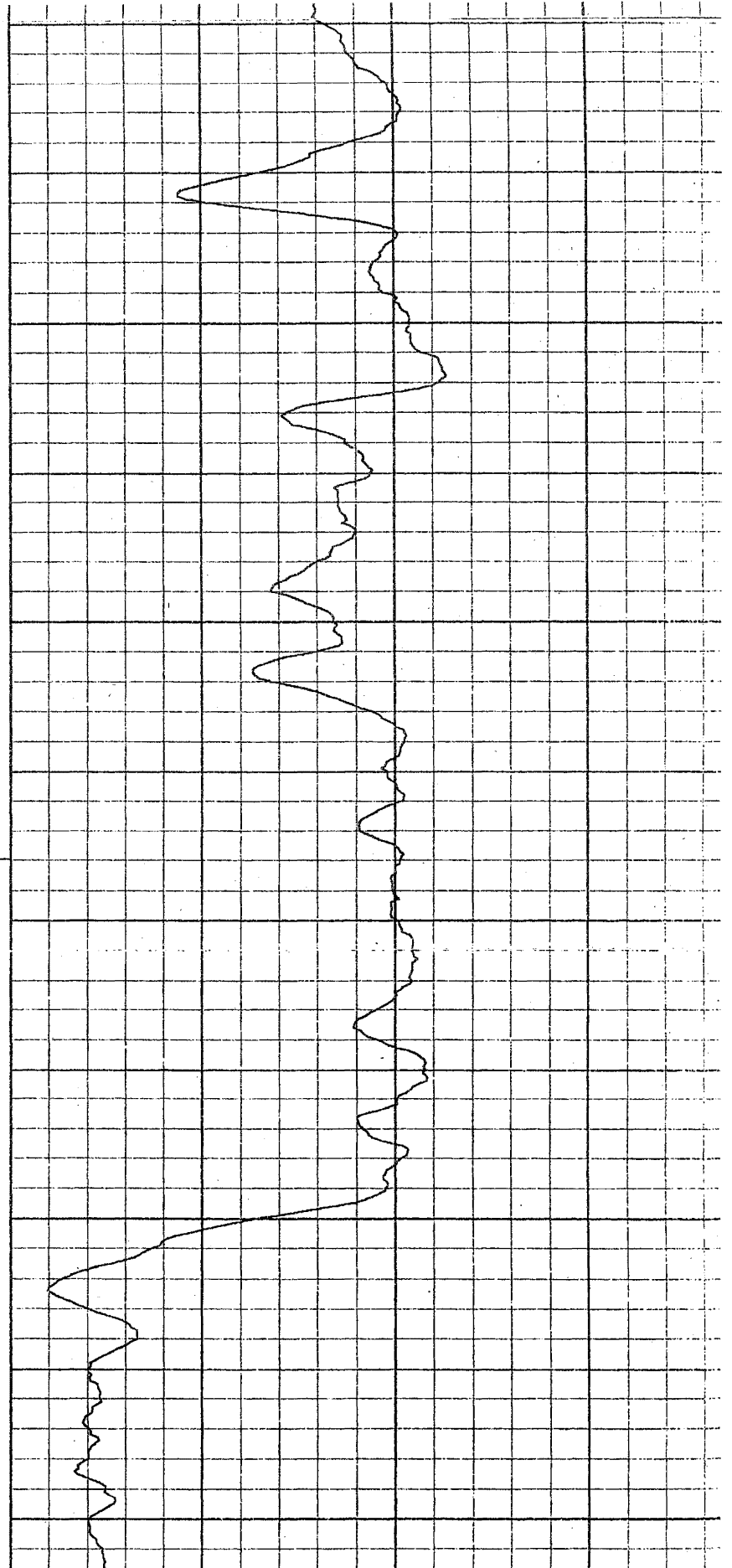
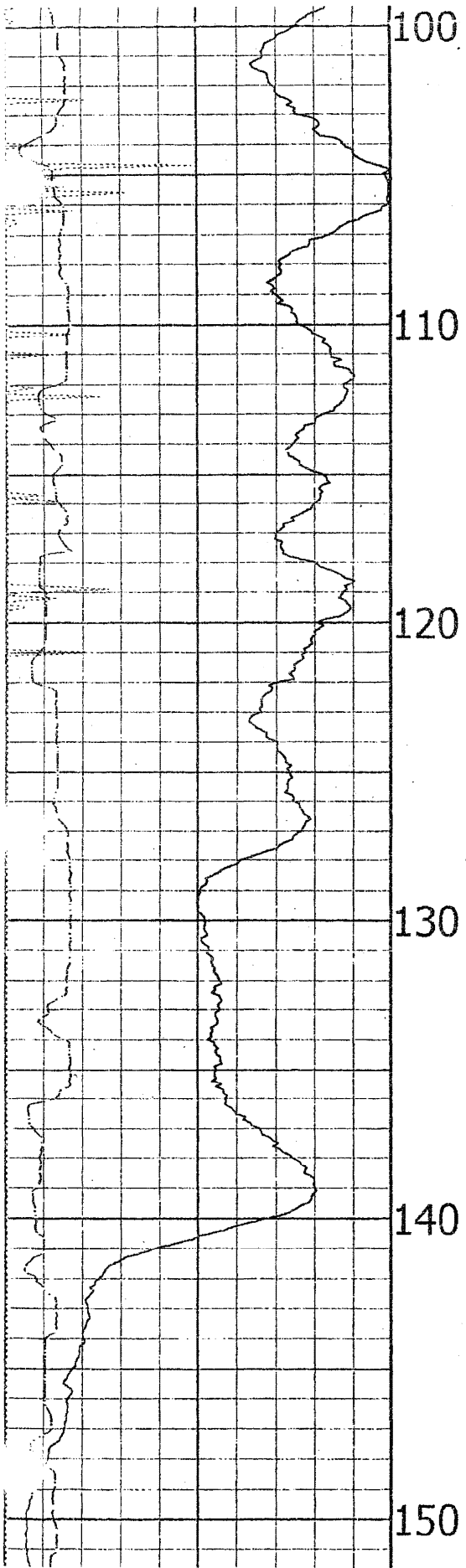


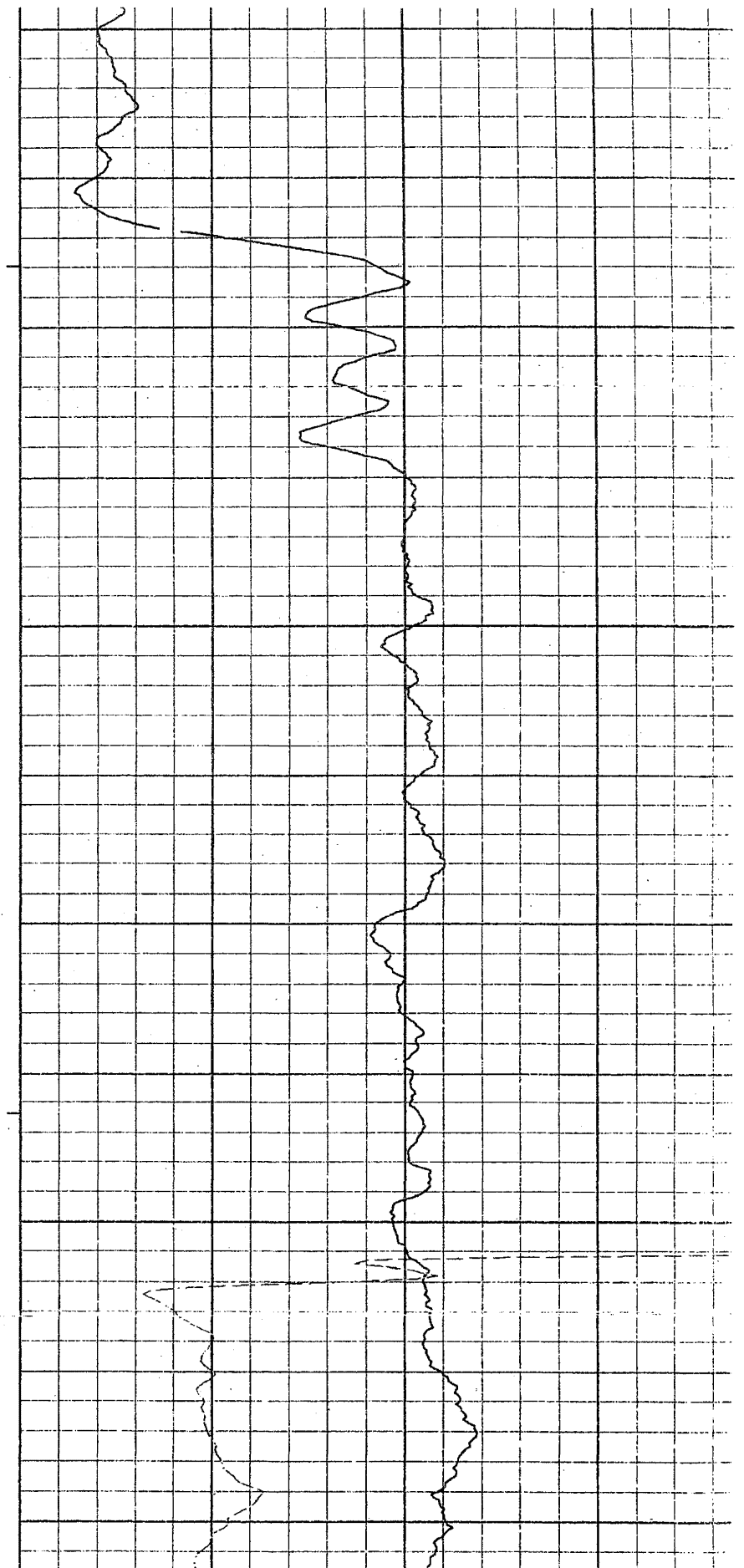
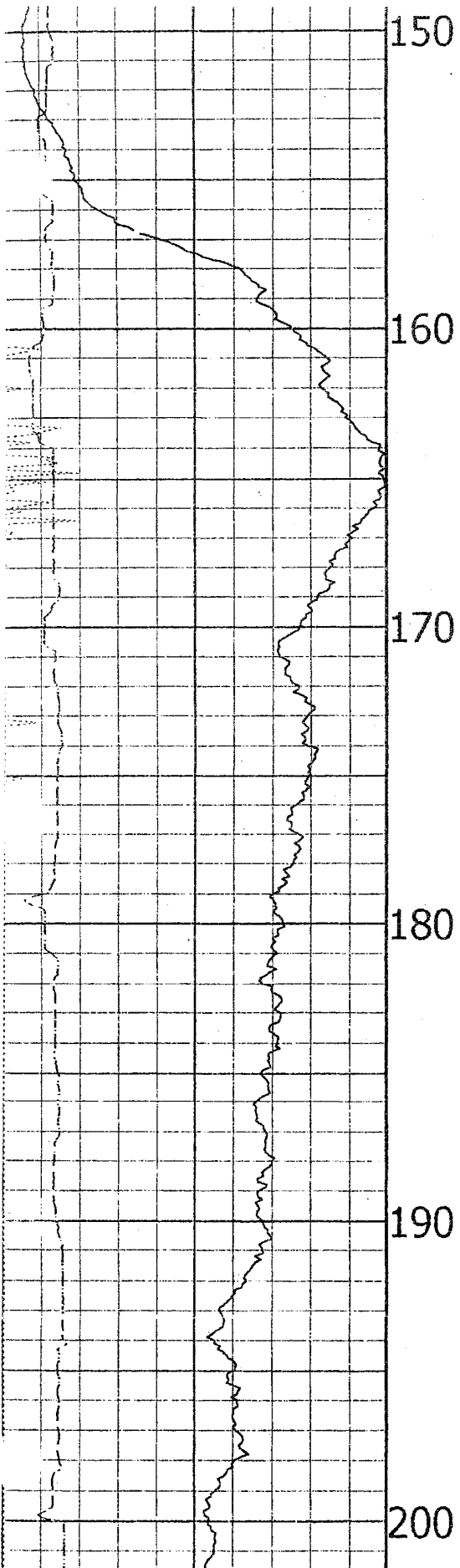
DENSITY

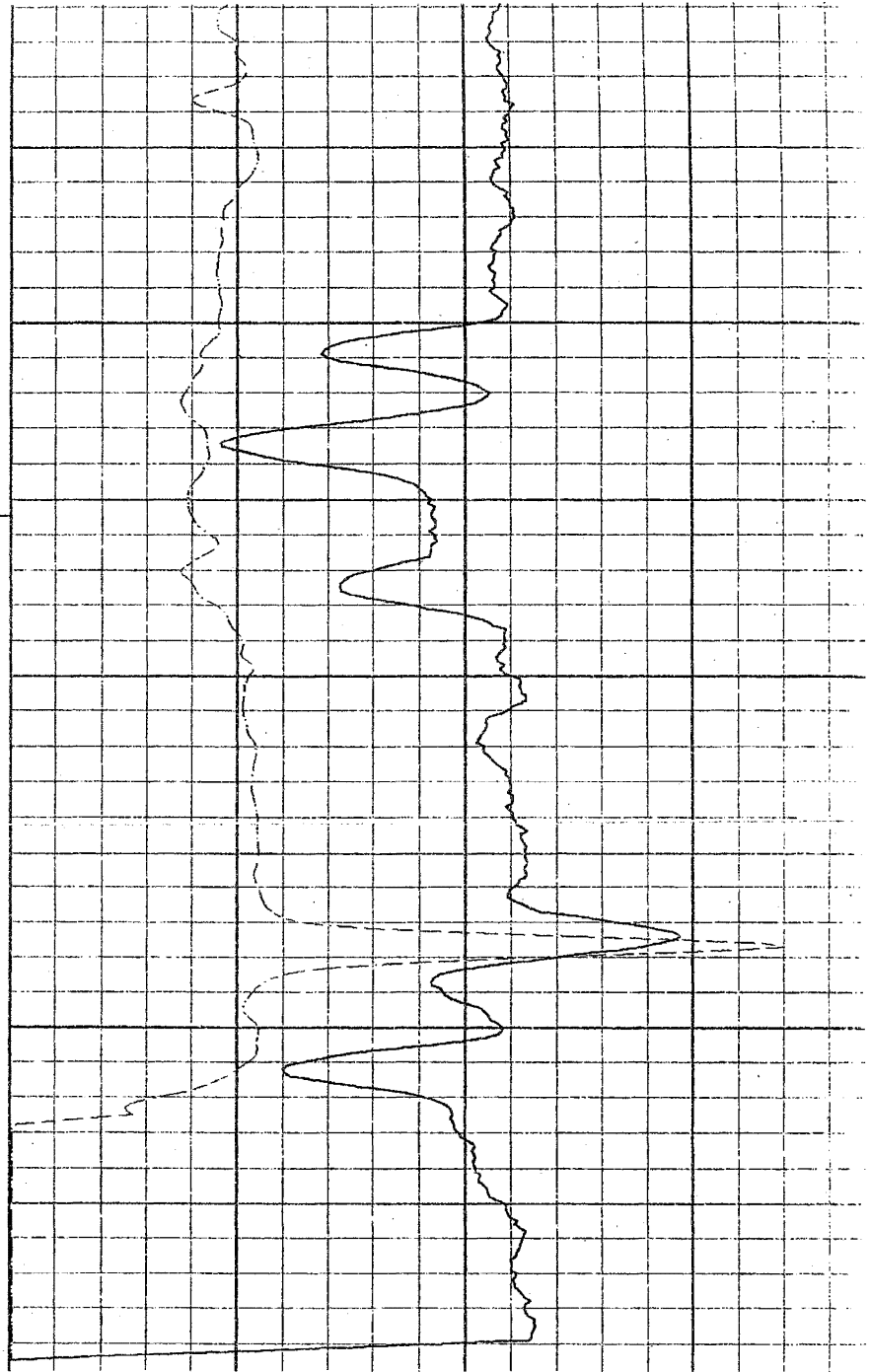
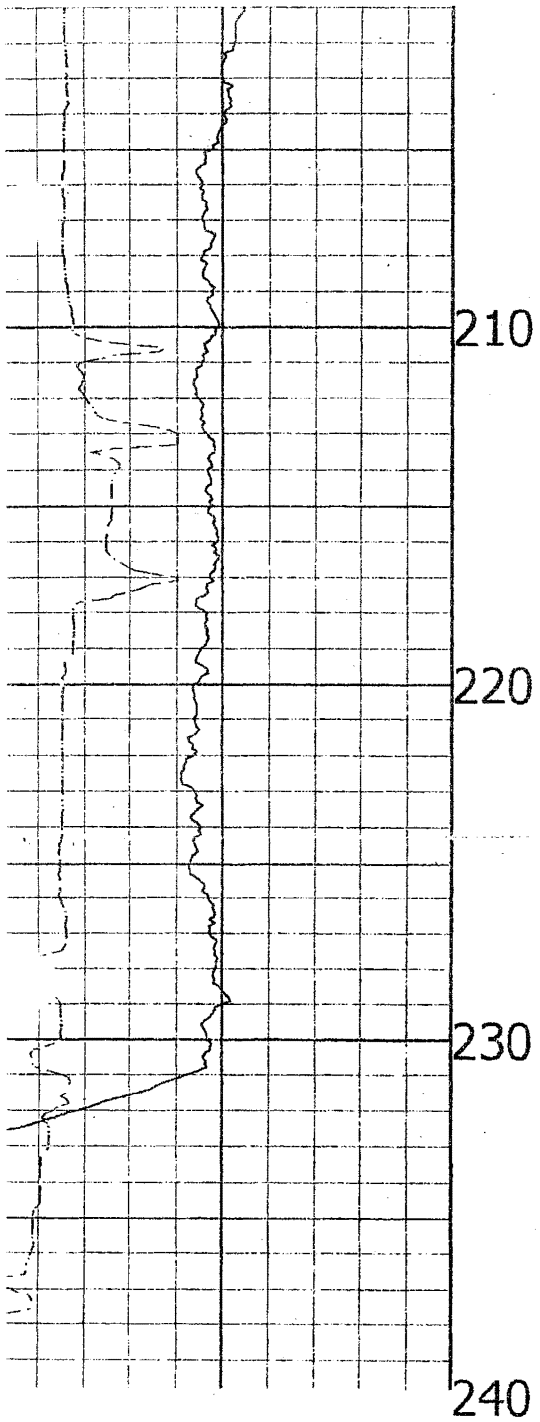
G/CC







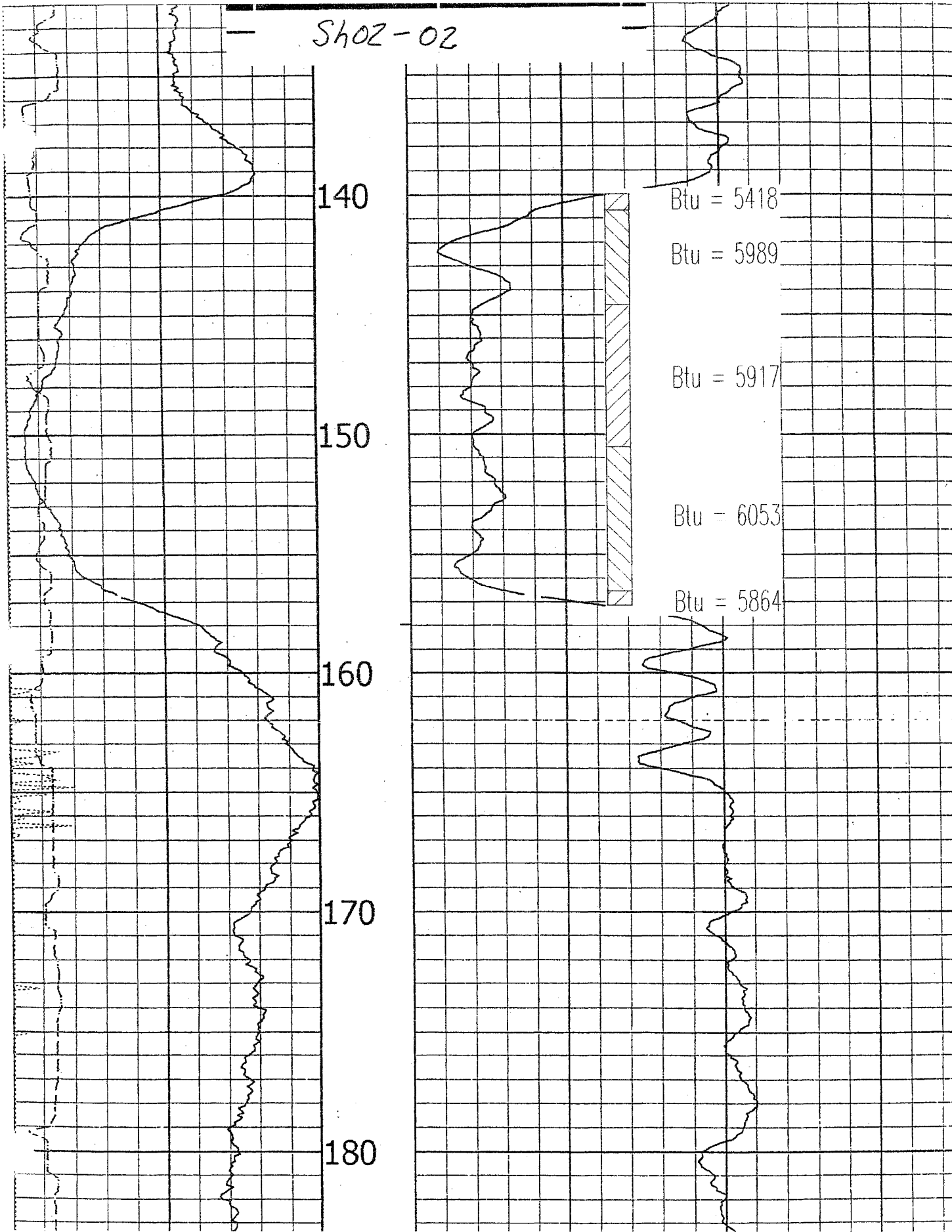




GAM(NAT)		
50	API-GR	300
GAM(NAT)		
	INCH	14
	CALIPER	FEET

DENSITY	
0	OHM-M
	RES(MG)

Sh02-02





Century GEOPHYSICAL CORP.

SH-3P

COMPANY : KIEWITERGY
 WELL : SH-3P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 17

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/04/02
 DEPTH DRILLER : 155
 LOG BOTTOM : 151.00
 LOG TOP : 1.40

PERMANENT DATUM :
 LOG MEASURED FROM: KB :
 DRL MEASURED FROM: DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75 BOREHOLE FLUID : WATER FILE : ORIGINAL
 MAGNETIC DECL. : 0 RM : TYPE : 9030AA
 MATRIX DENSITY : 2.65 RM TEMPERATURE :
 NEUTRON MATRIX : SANDSTONE MATRIX DELTA T : 54

THRESH: 50000

PLUG HOLE
 SITE GEOL. W. PRUIT/CLARK FRITZ

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER	14	FEET	RES(MG)
INCH			
GAM(NAT)			

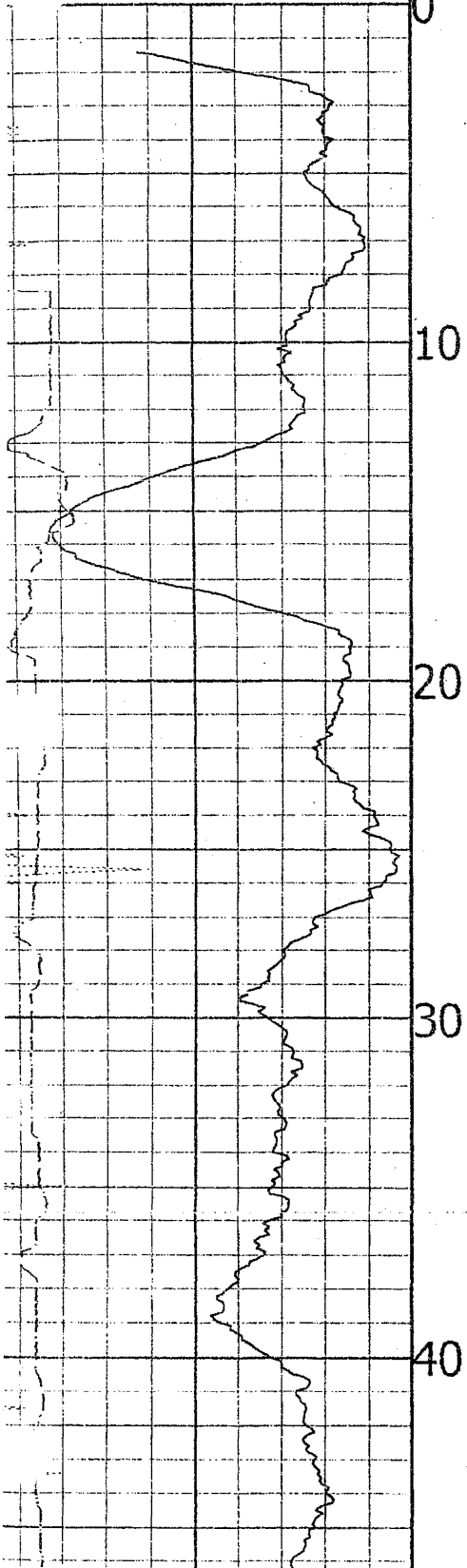
INCH 14

GAM(NAT)

API-GR 300

GAM(NAT)

API-GR 150

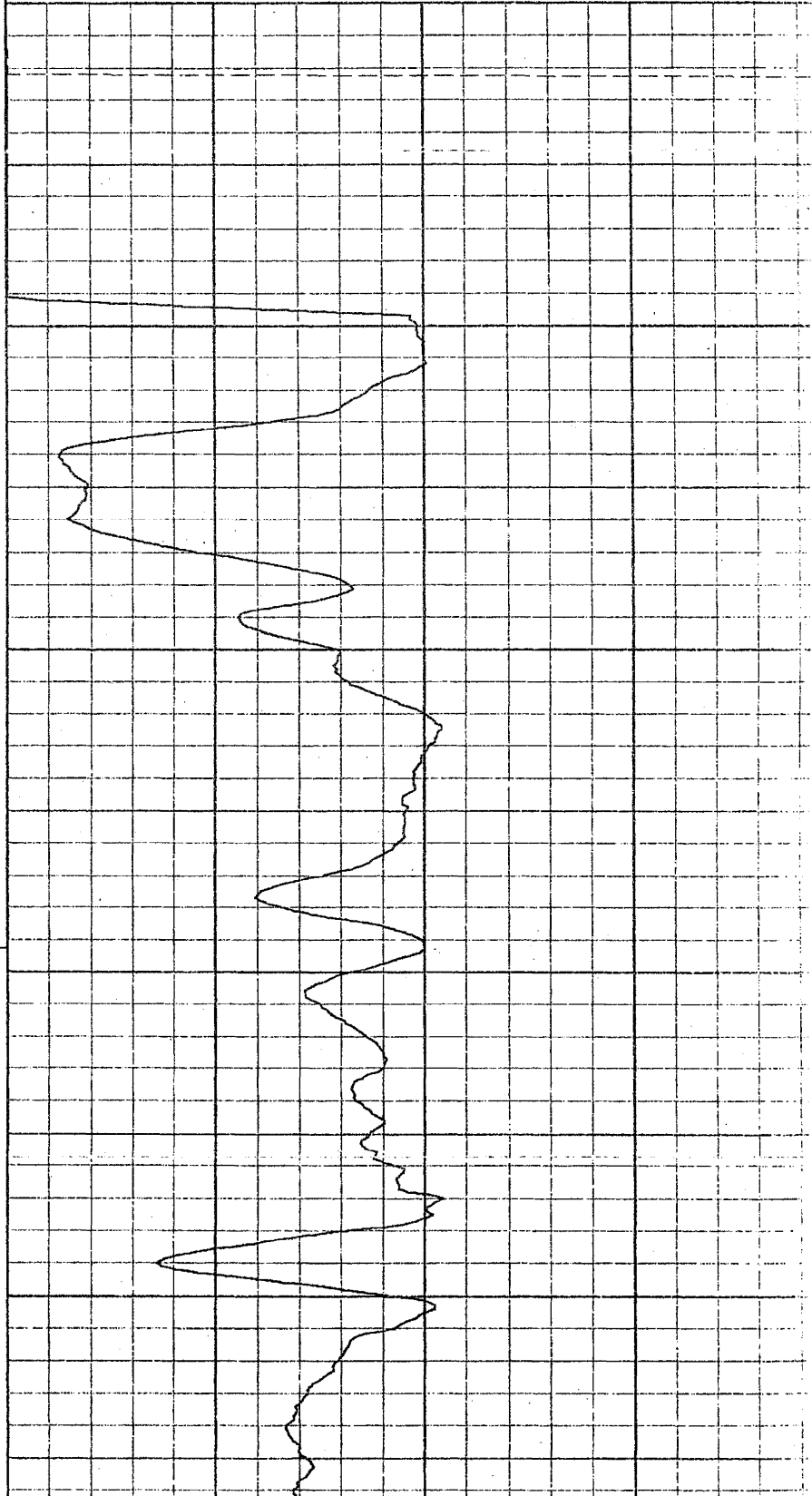


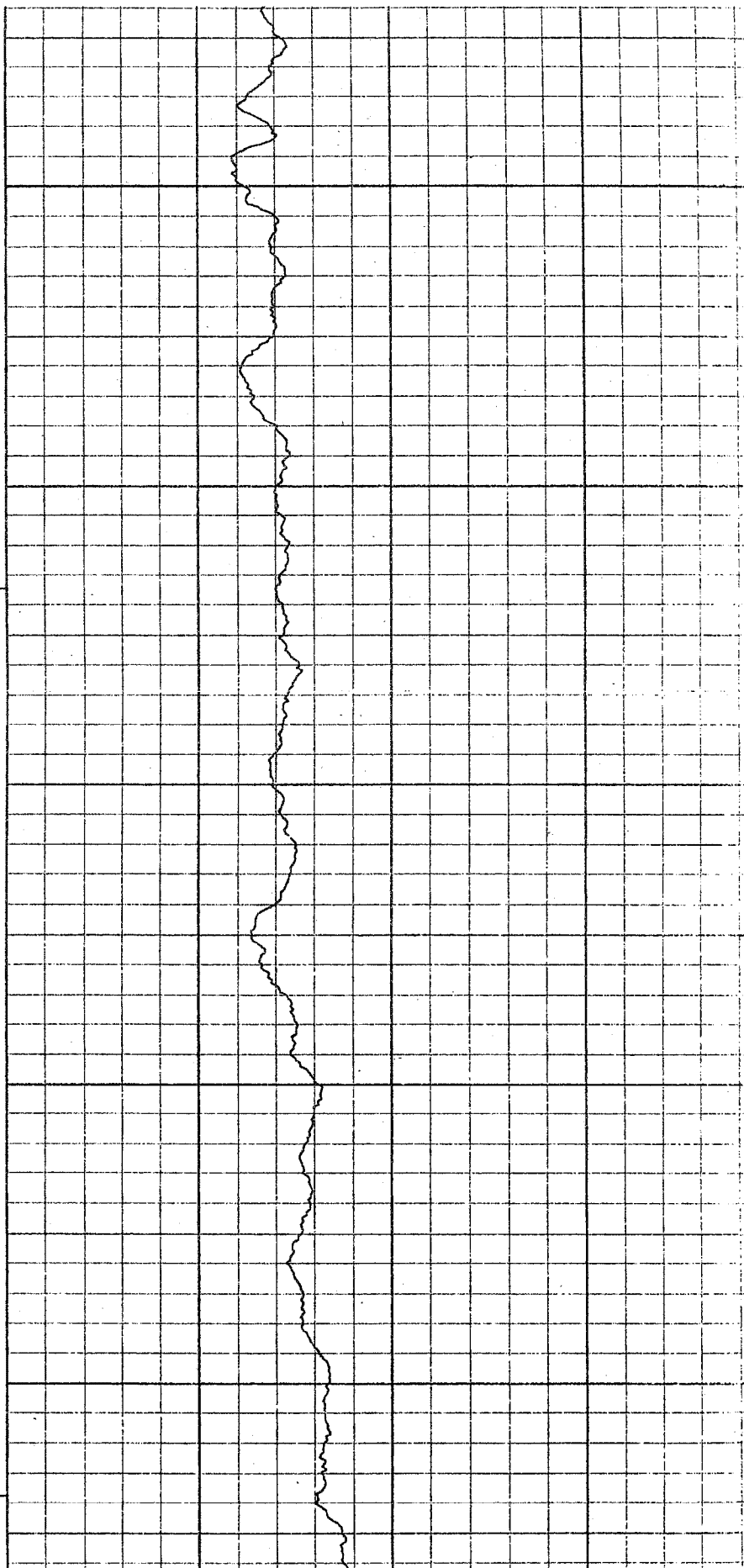
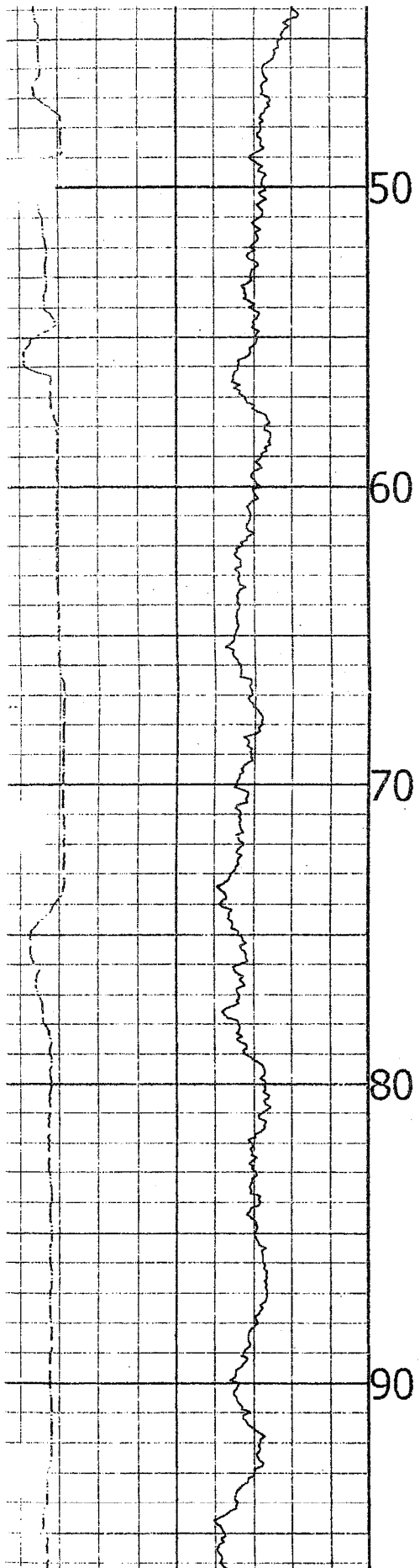
RES(MG)

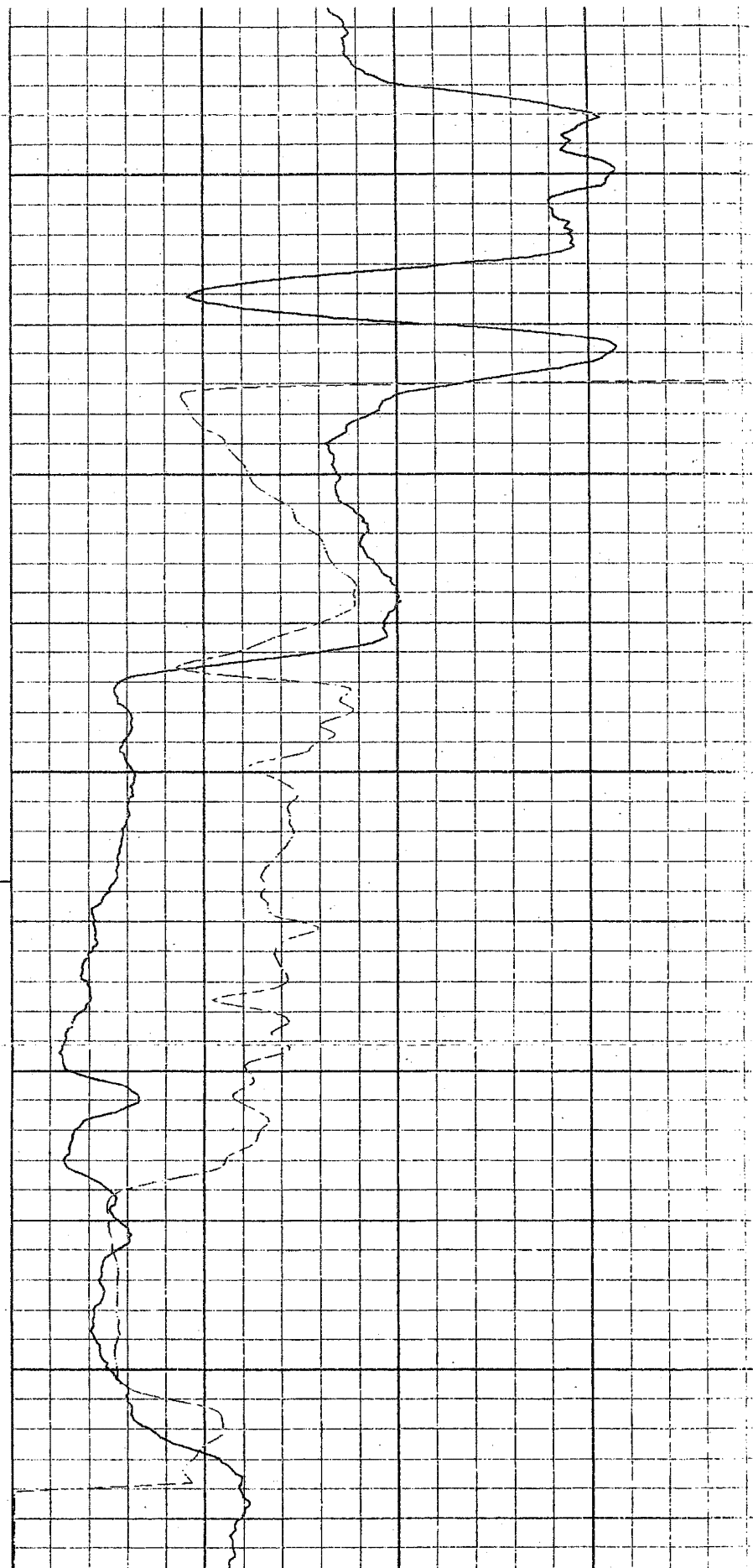
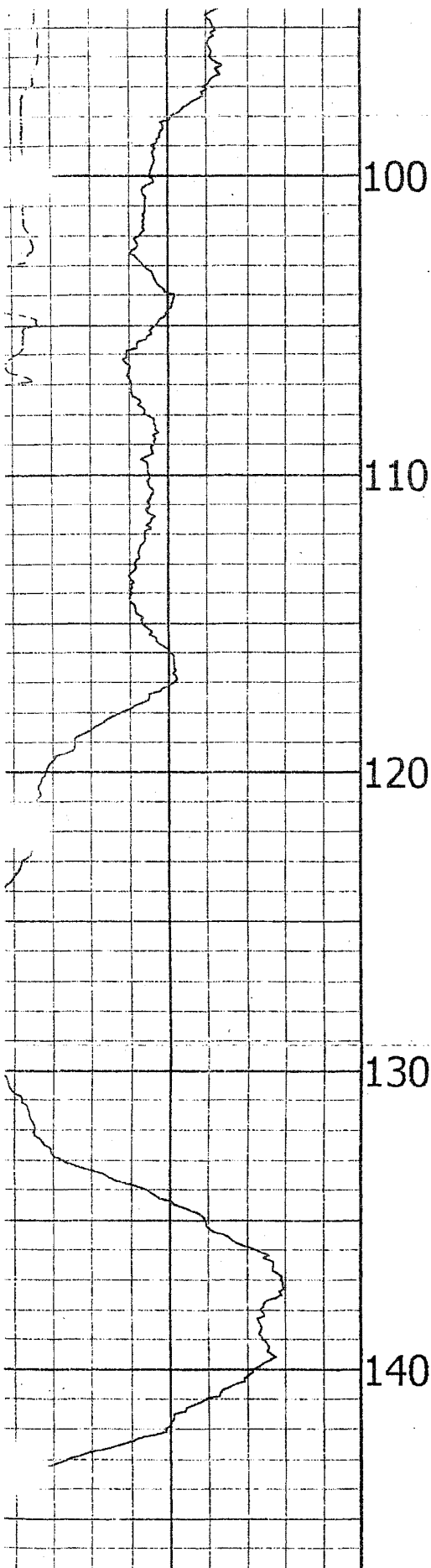
OHM-M

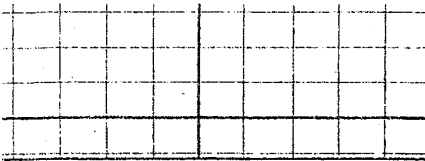
DENSITY

G/CC





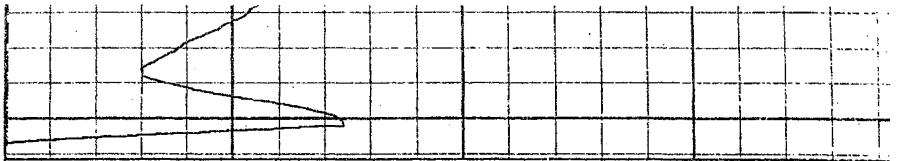




150

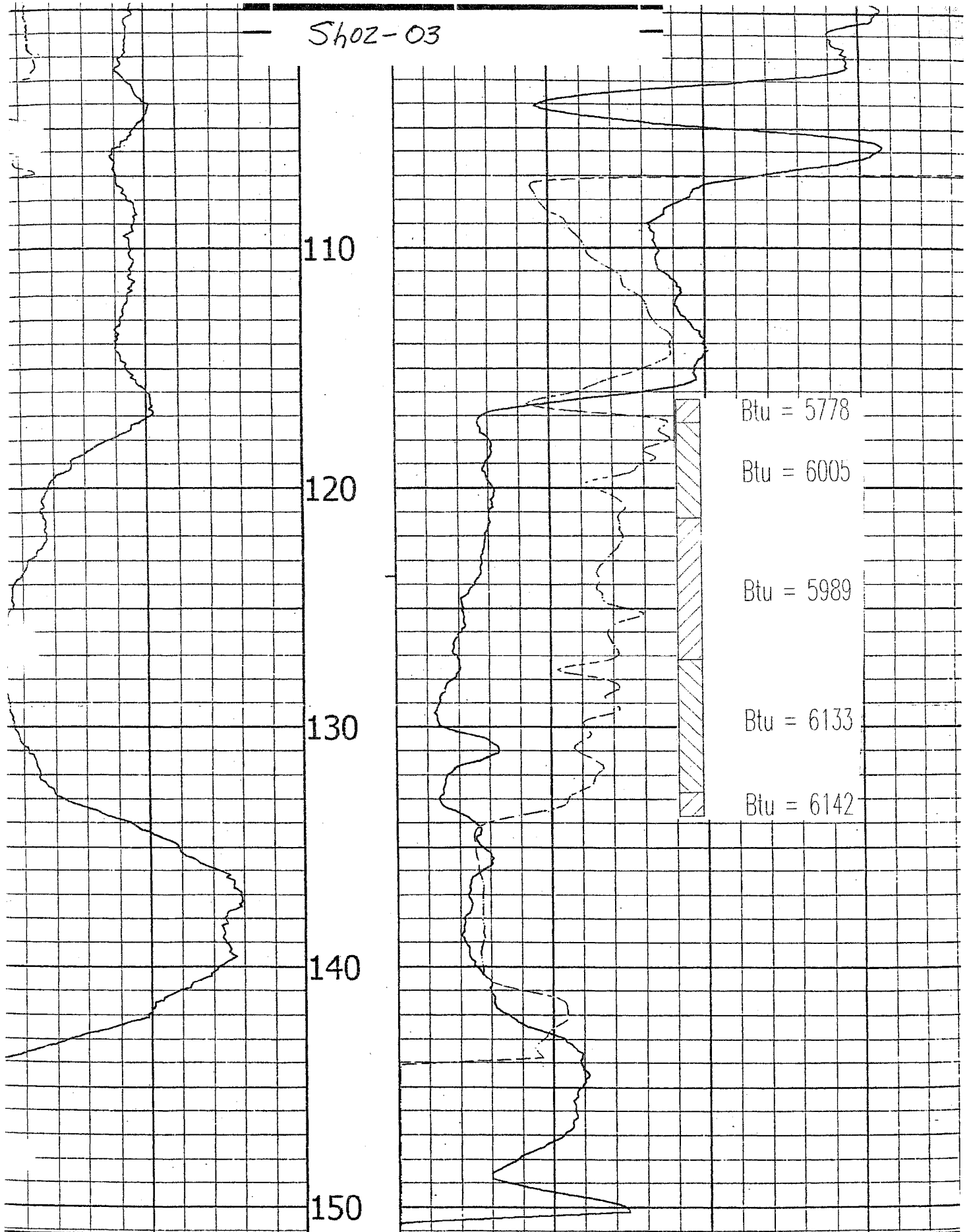
API-GR	150
GAM(NAT)	
API-GR	300
GAM(NAT)	
INCH	14
CALIPER	

FEET



1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Sh02-03



110

120

130

140

150

Btu = 5778

Btu = 6005

Btu = 5989

Btu = 6133

Btu = 6142

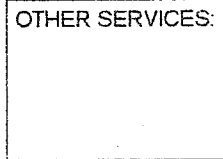


Century GEOPHYSICAL CORP.

SH-4P

COMPANY : KIEWITERY
 WELL : SH-4P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 17

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/05/02
 DEPTH DRILLER : 170
 LOG BOTTOM : 169.70
 LOG TOP : 1.30

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

FILE : ORIGINAL
 TYPE : 9030AA

THRESH: 50000

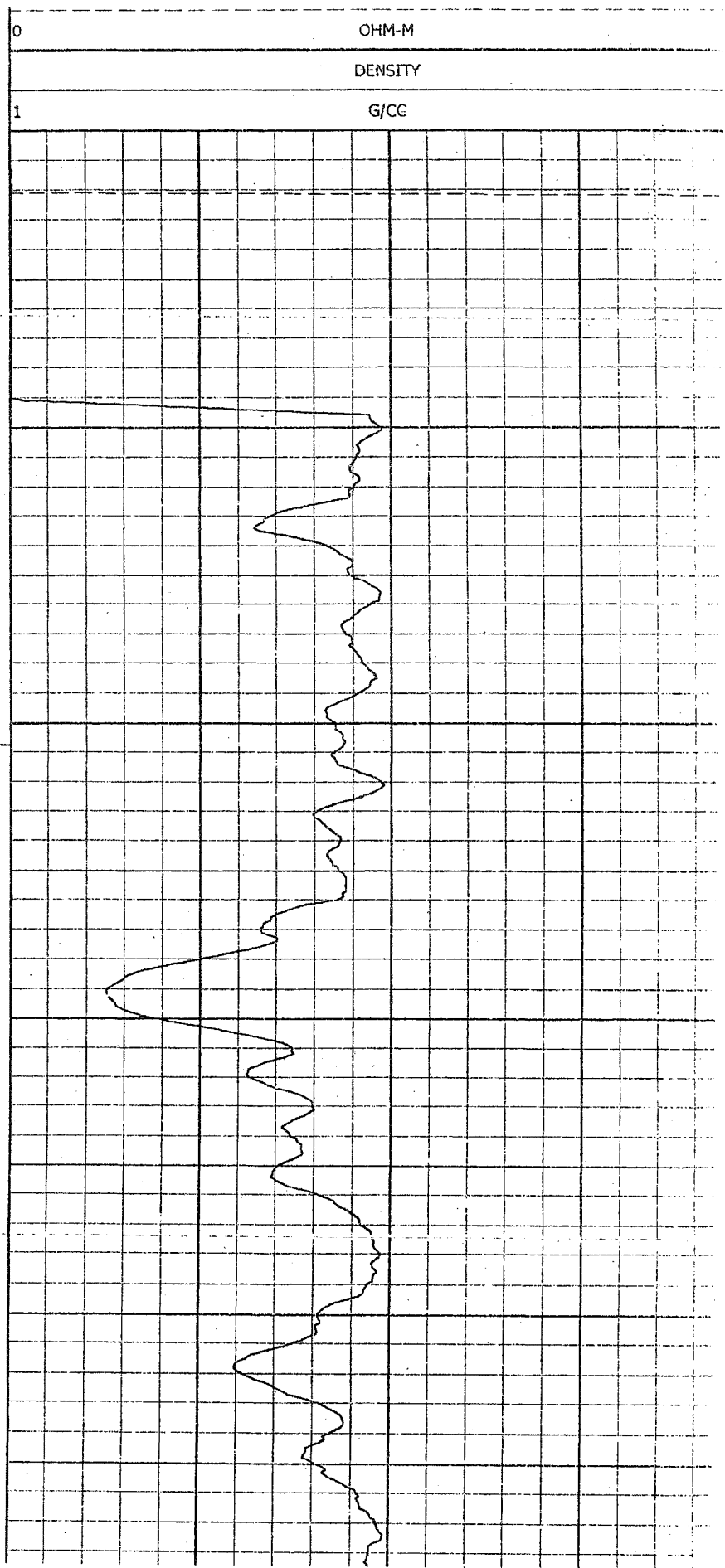
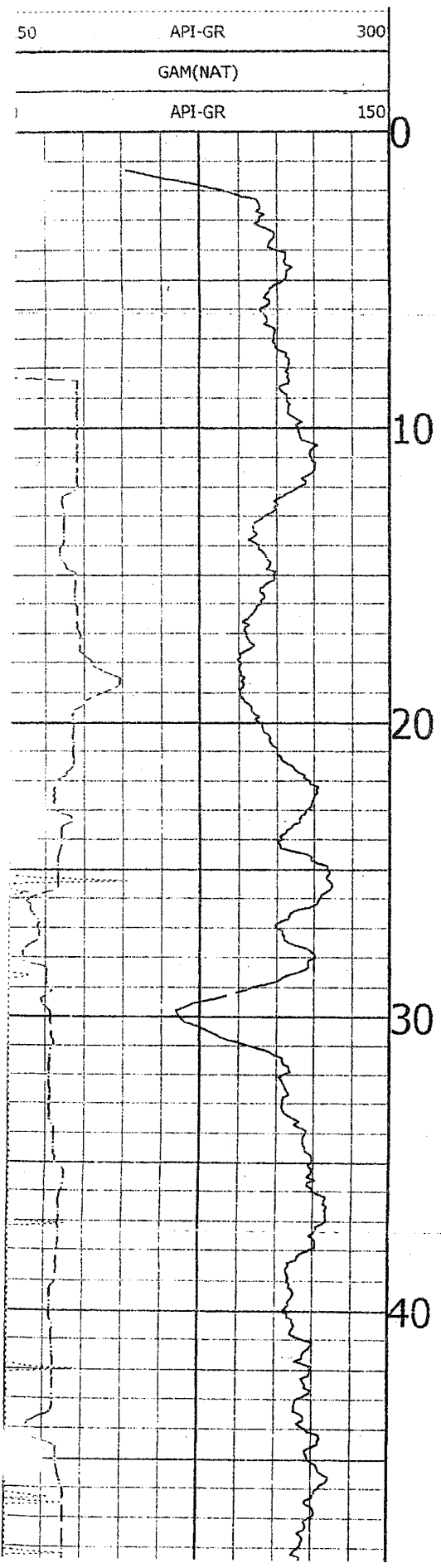
PLUG HOLE
 SITE GEOL. W.PRUIT/CLARK FRITZ

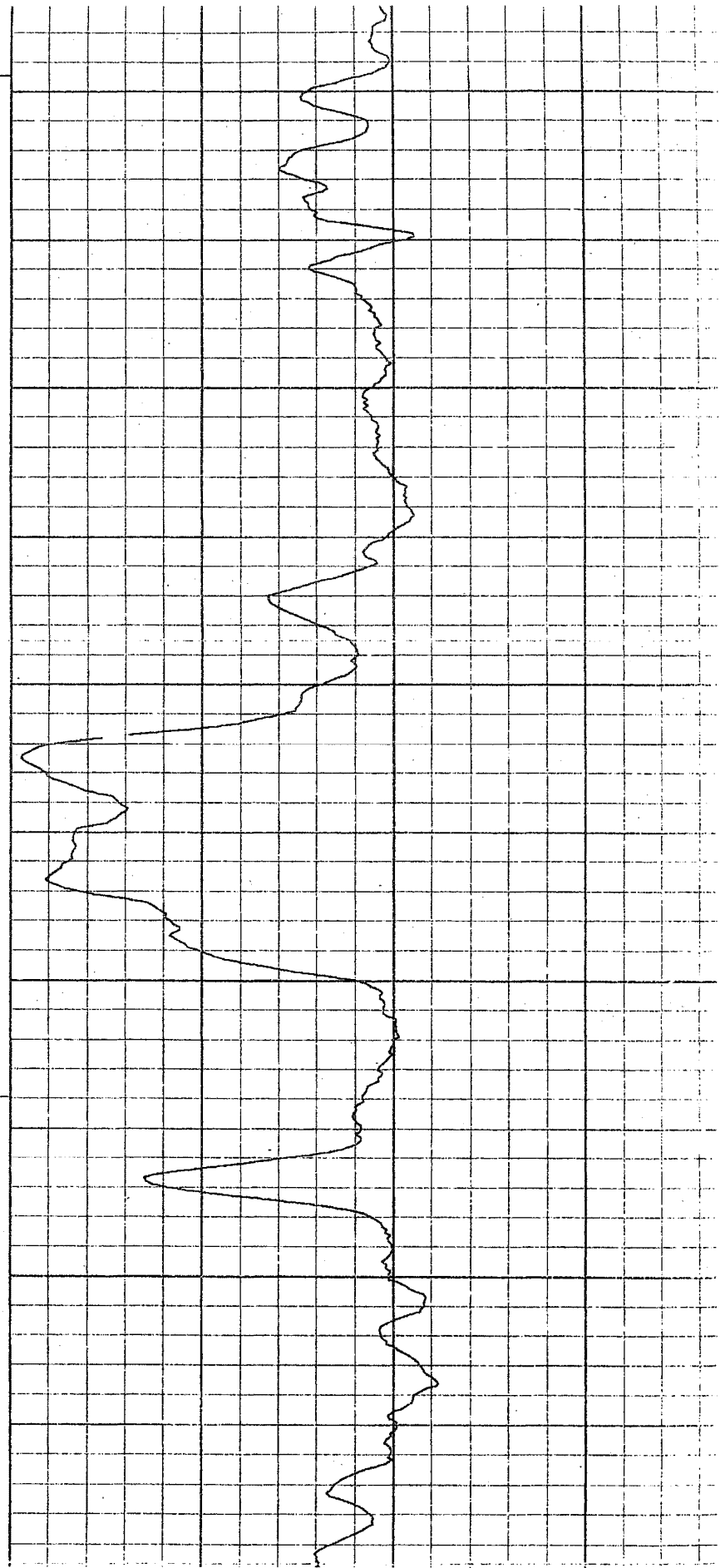
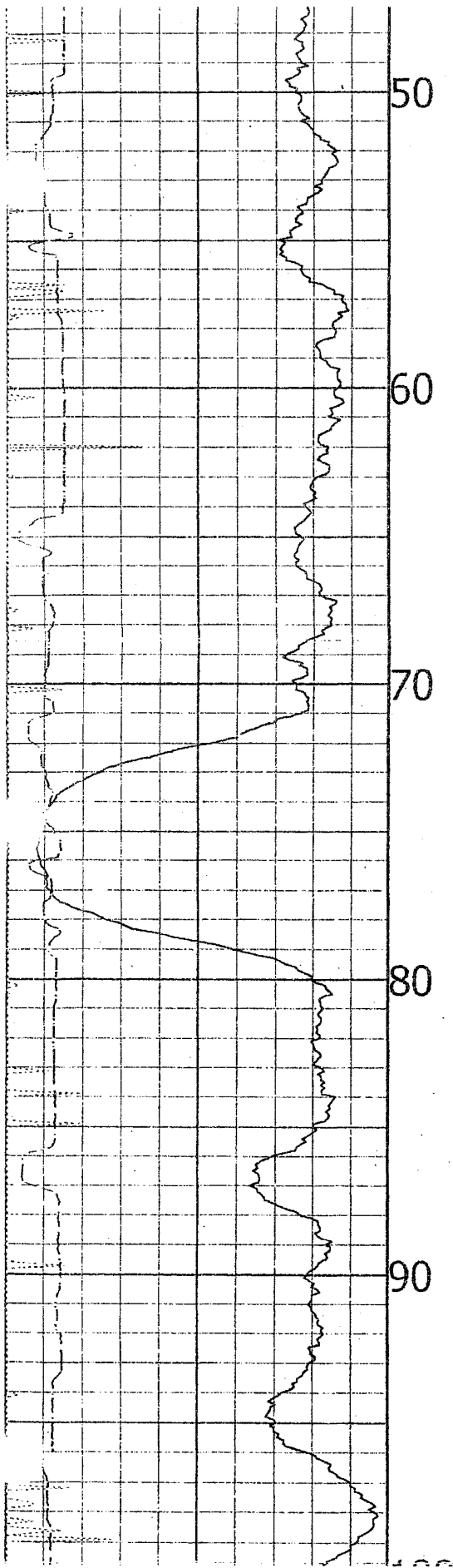
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

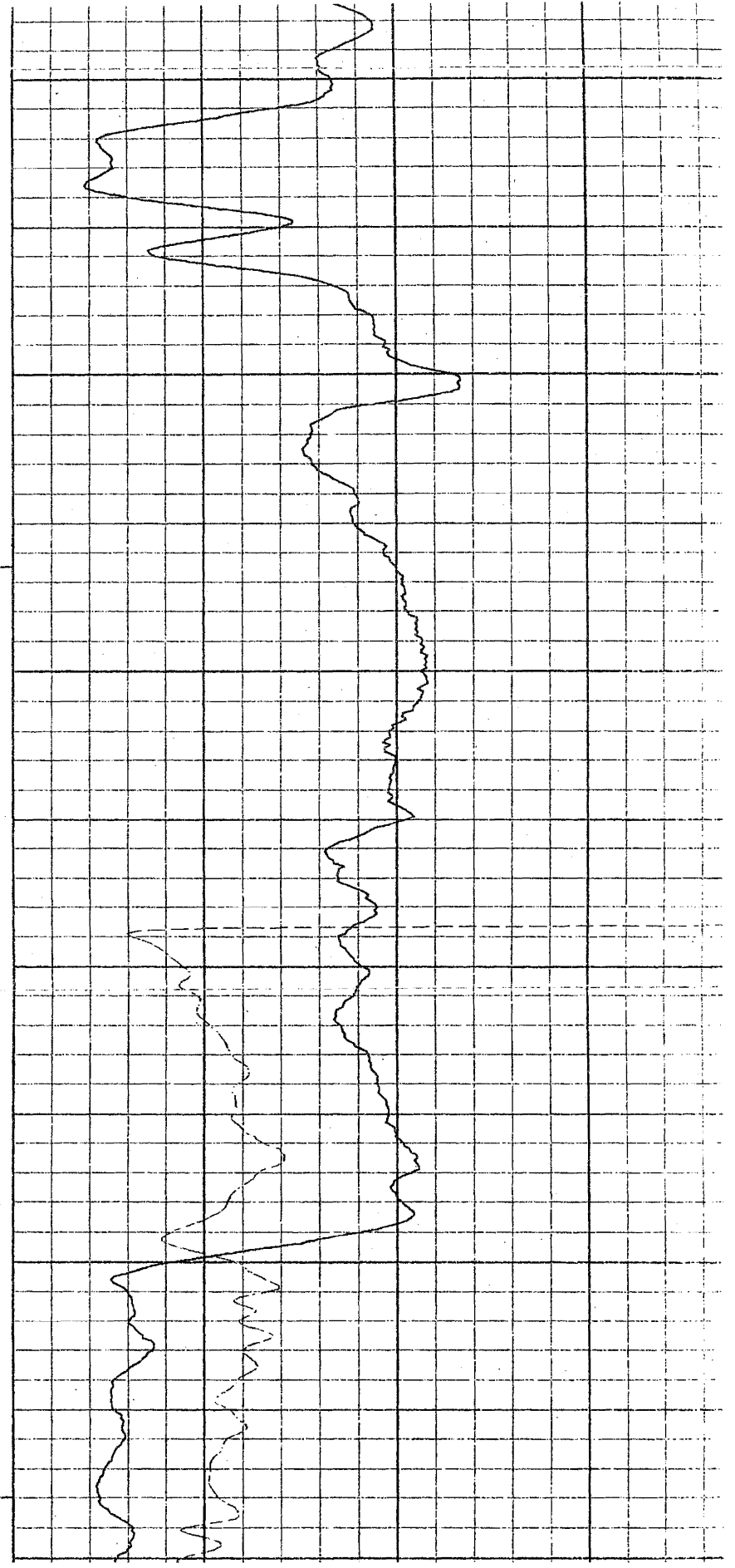
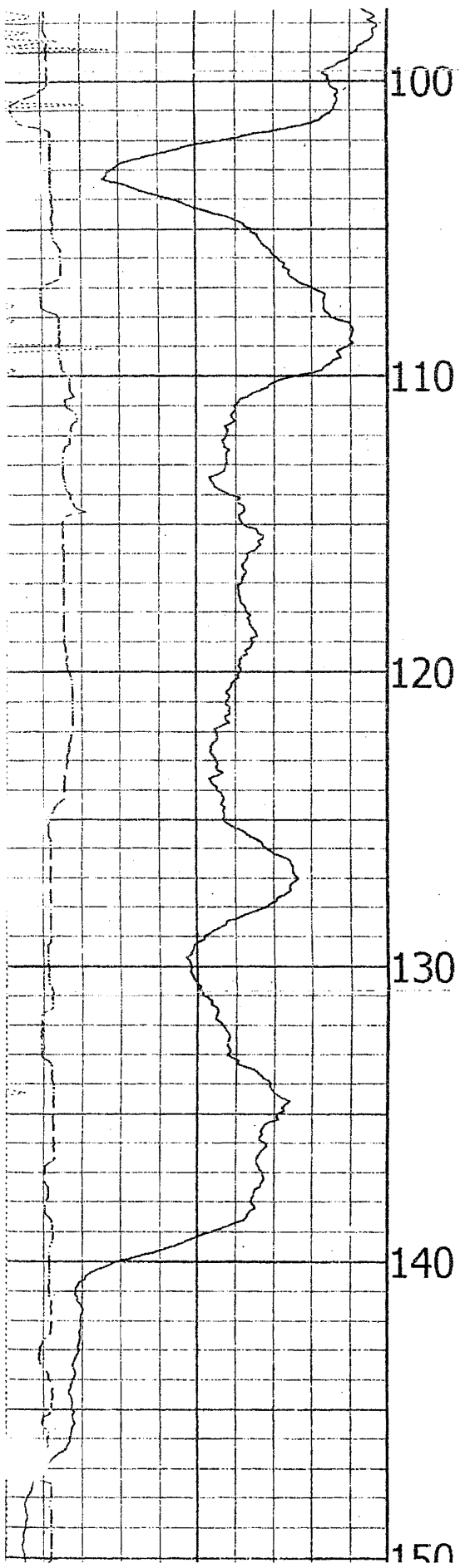
CALIPER	
INCH	14
GAM(NAT)	
API-GR	300

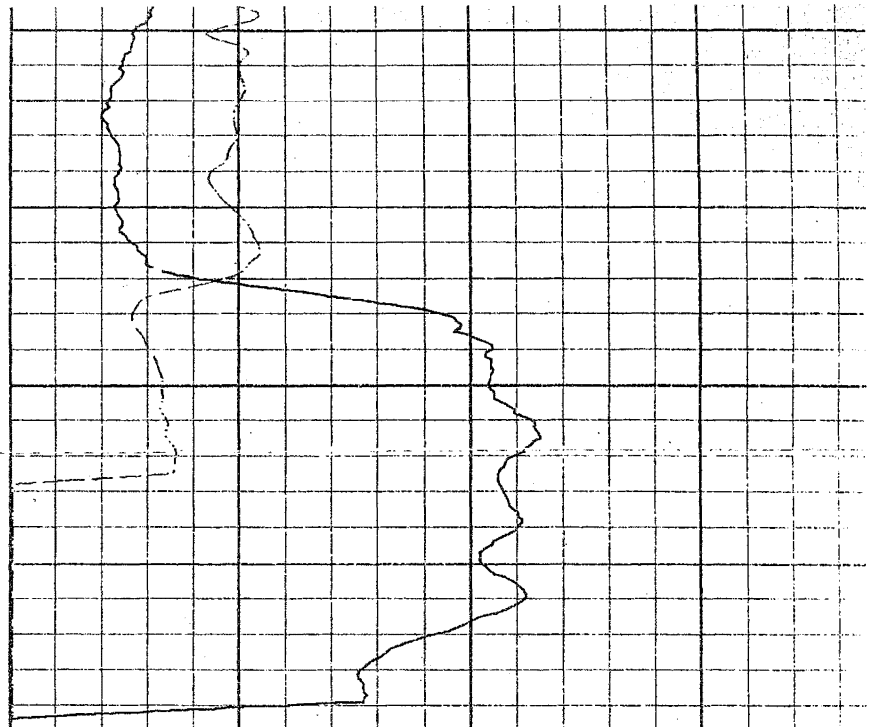
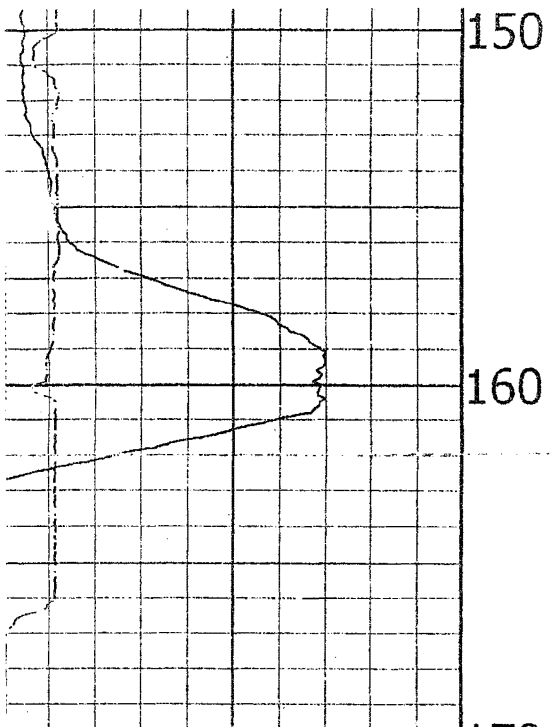
FEET

RES(MG)
OHM-M







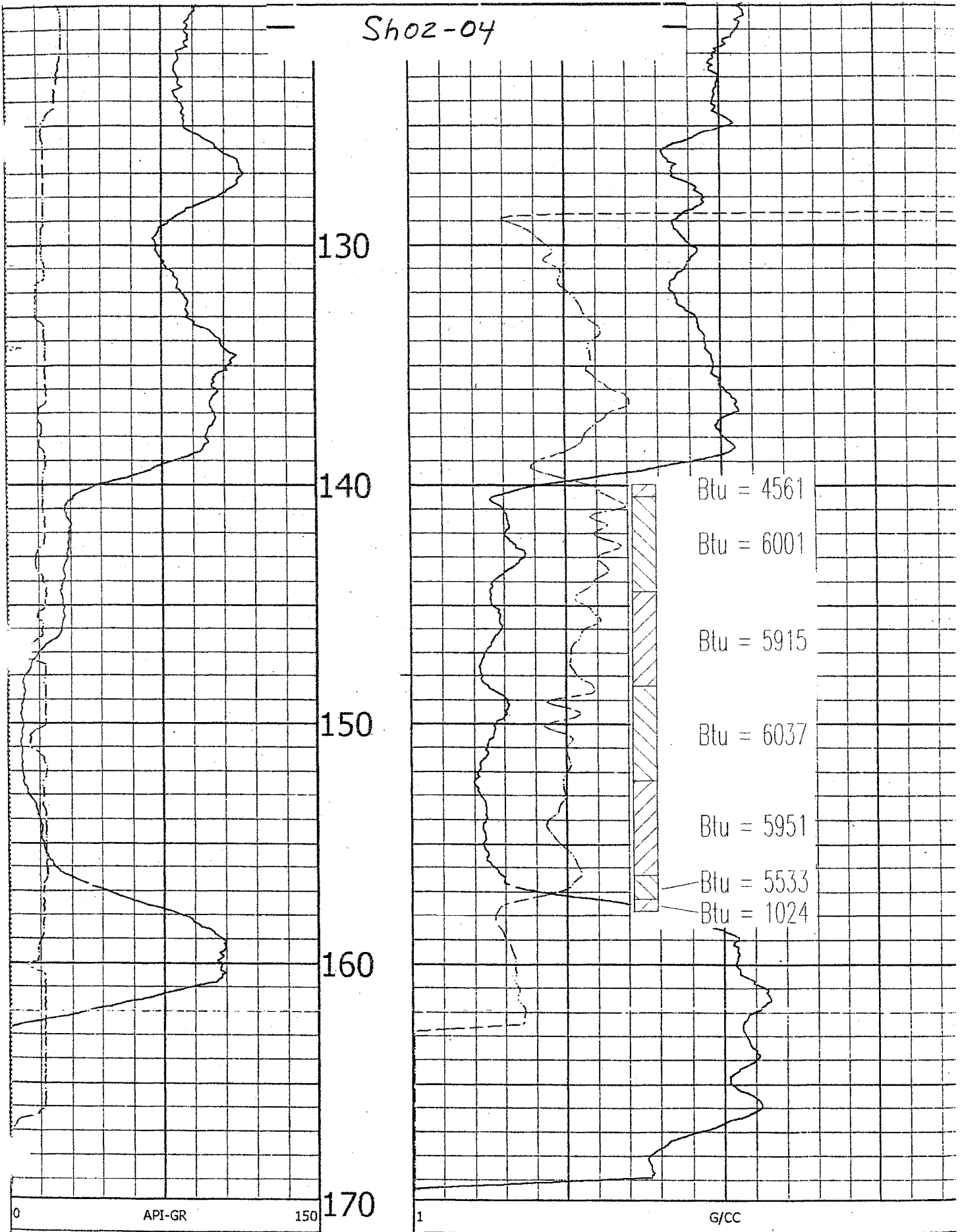


0	API-GR	150
	GAM(NAT)	
150	API-GR	300
	GAM(NAT)	
4	INCH	14
	CALIPER	

170
FEET

1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Sho2-04





Genway GEOPHYSICAL CORP.

SH-5P

COMPANY : KIEWITERY
 WELL : SH-5P
 LOCATION/FIELD : SOUTH HEART
 COUNTY :
 STATE : ND
 SECTION : 9

OTHER SERVICES:

TOWNSHIP : 139N RANGE : 98W

DATE : 03/04/02
 DEPTH DRILLER : 120
 LOG BOTTOM : 120.00
 LOG TOP : 1.40

PERMANENT DATUM :
 LOG MEASURED FROM: KB :
 DRL MEASURED FROM: DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 NETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

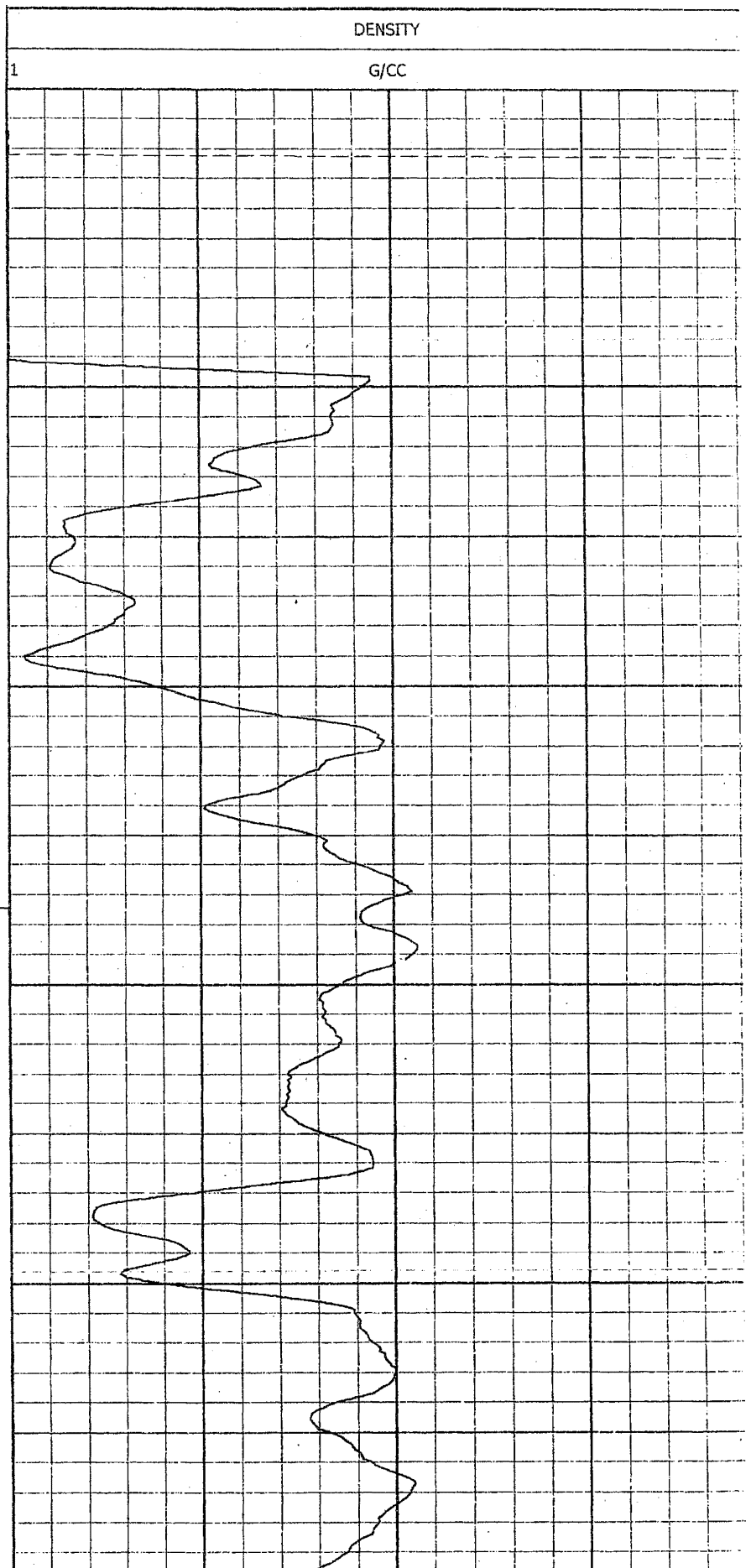
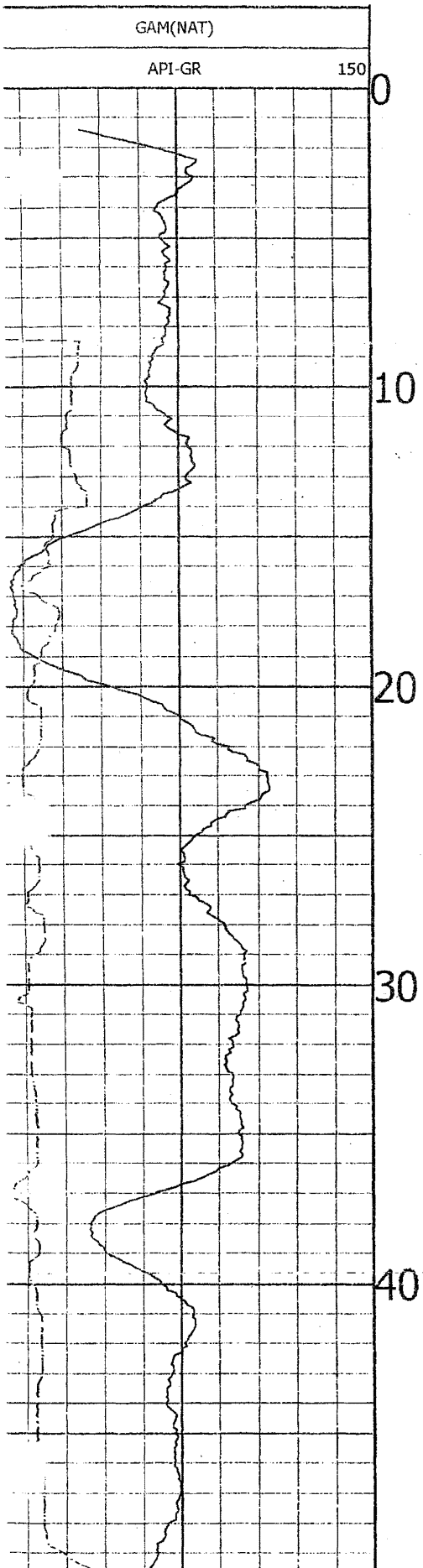
BOREHOLE FLUID : WATER FILE : ORIGINAL
 RM : TYPE : 9030AA
 RM TEMPERATURE :
 MATRIX DELTA T : 54

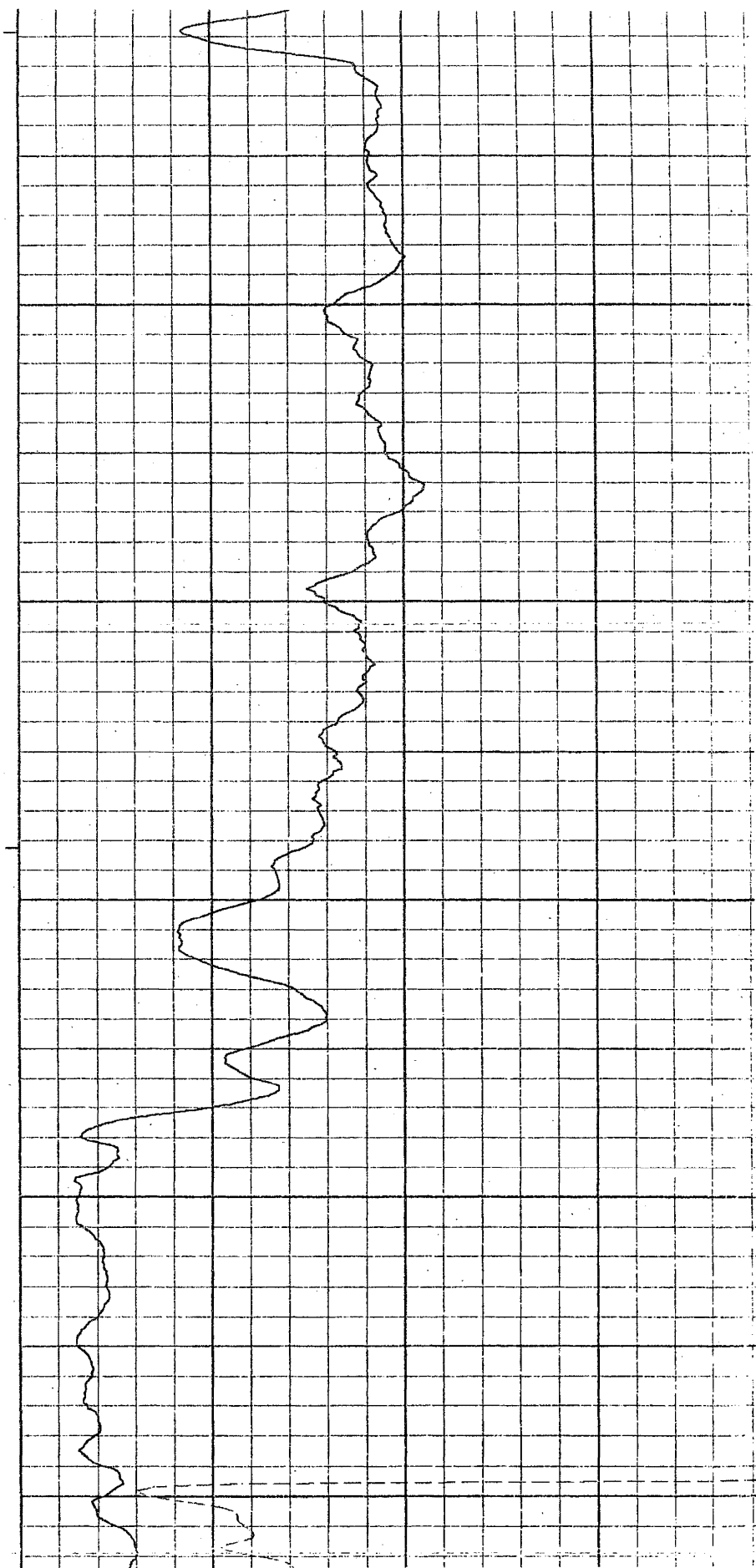
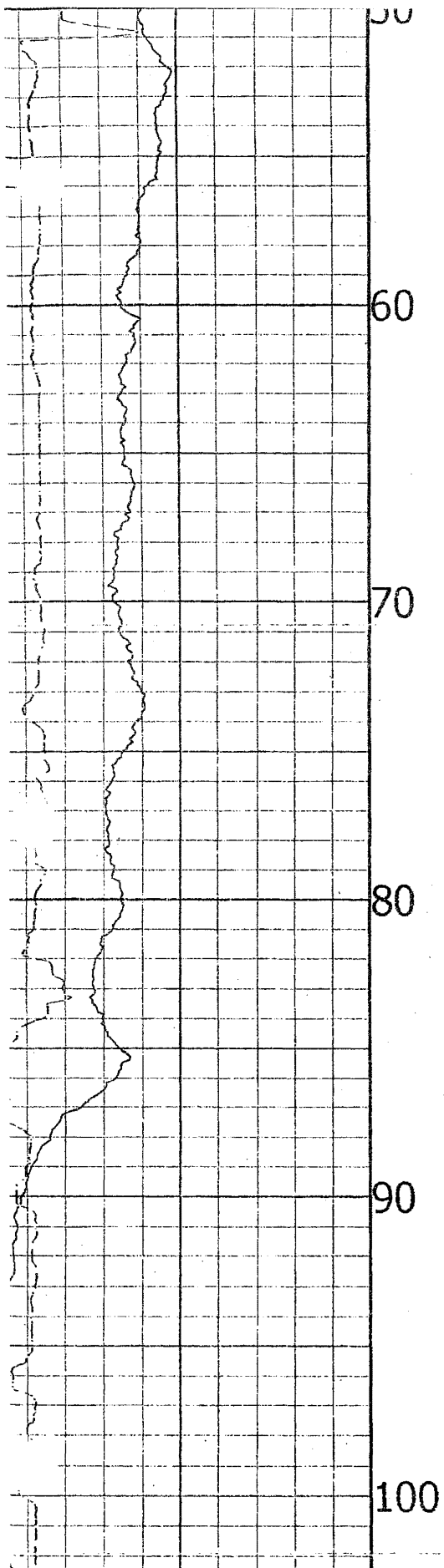
THRESH: 50000

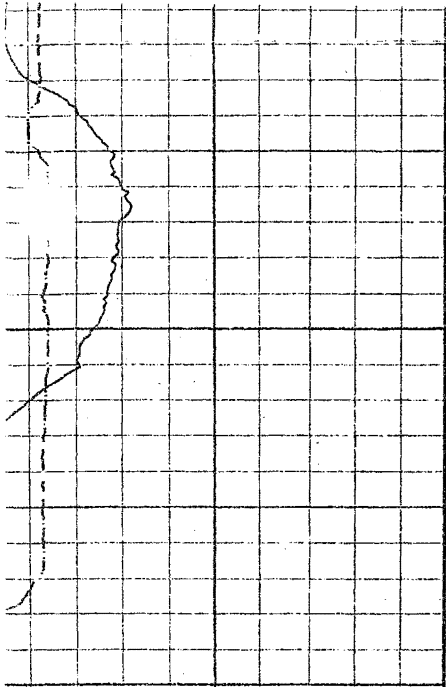
PLUG HOLE
 SITE GEOL. W.PRUIT/CLARK FRITZ

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER	FEET	RES(MG)
INCH 14		
GAM(NAT)		
API-GR 300	0	OHM-M
GAM(NAT)		DENSITY
API-GR 150	1	G/CC





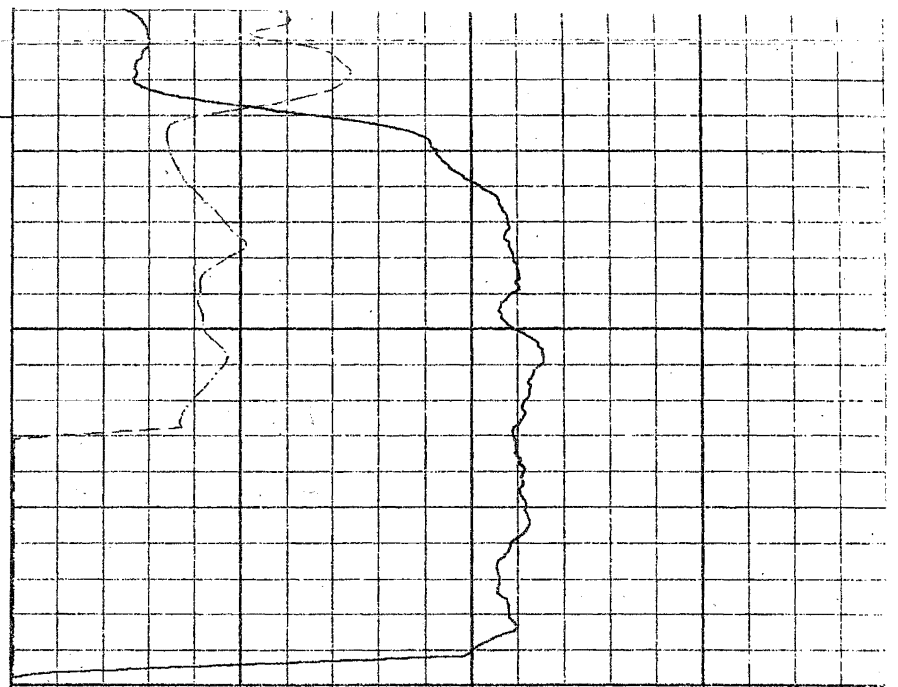


110

120

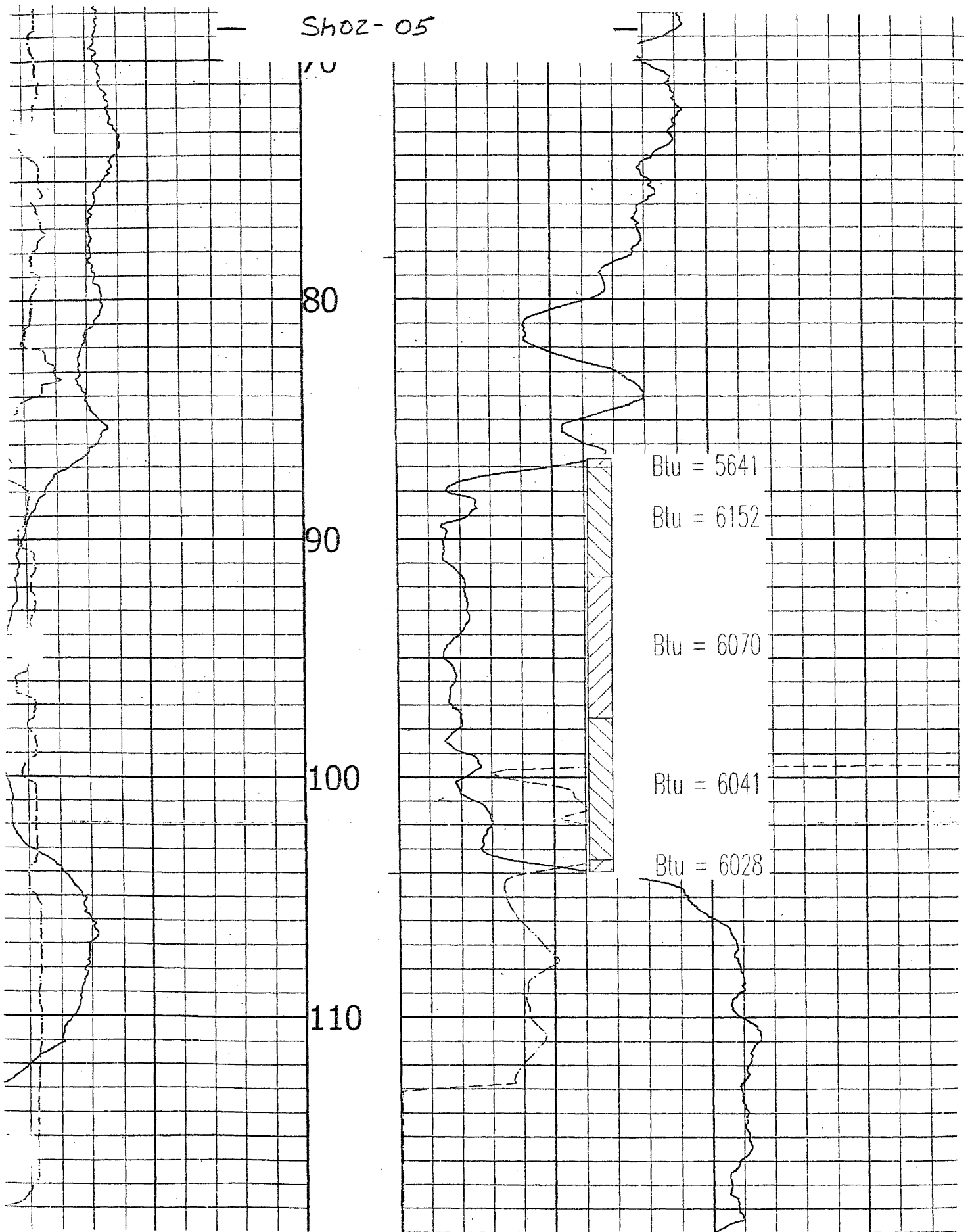
	API-GR	150
	GAM(NAT)	
50	API-GR	300
	GAM(NAT)	
	INCH	14
	CALIPER	

FEET



1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Sh02-05





Century GEOPHYSICAL CORP.

SH-6P

COMPANY : KIEWITERGY
 WELL : SH-6P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 15

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/04/02
 DEPTH DRILLER : 150
 LOG BOTTOM : 155.30
 LOG TOP : 1.40

PERMANENT DATUM :
 LOG MEASURED FROM: KB :
 DRL MEASURED FROM: DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON-MATRIX : SANDSTONE

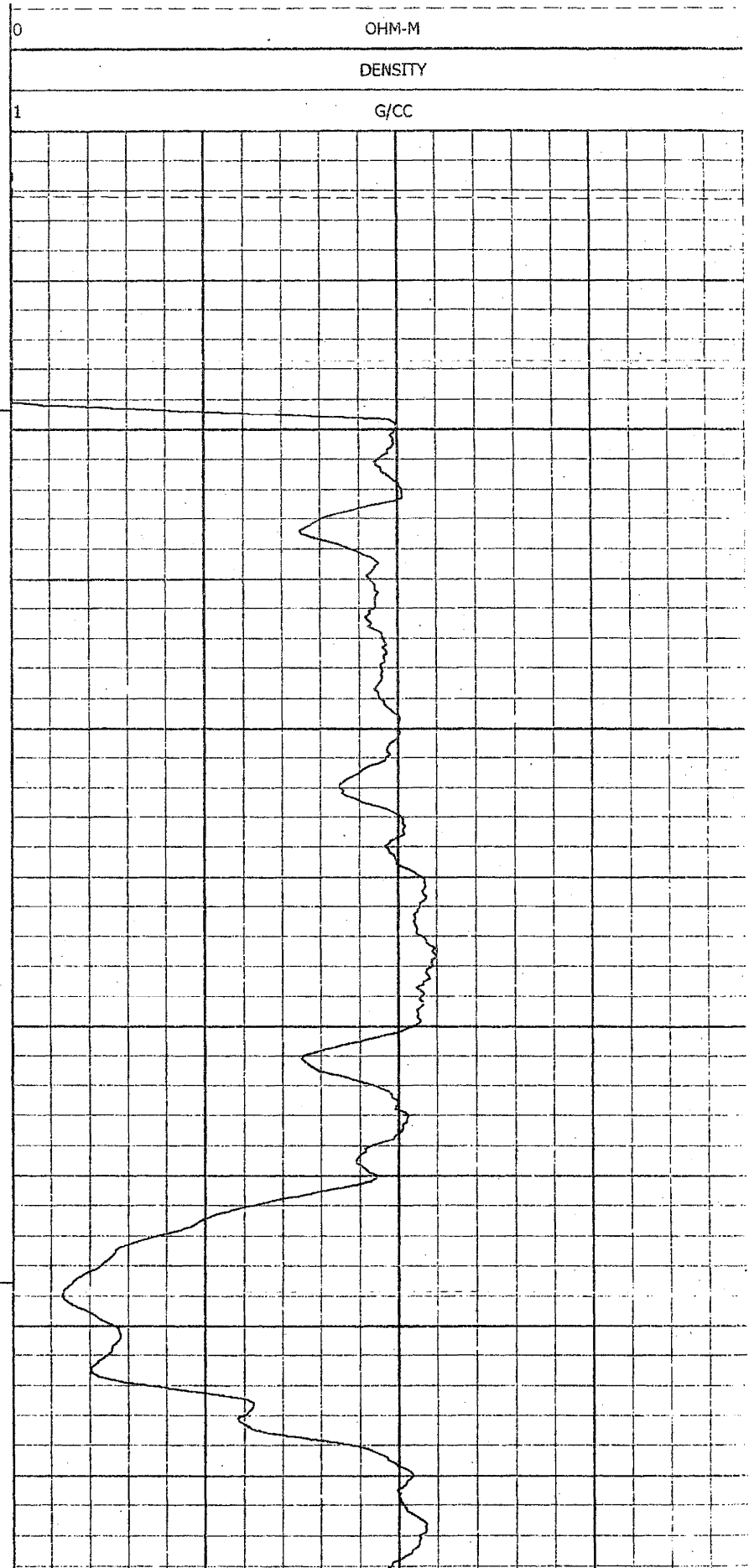
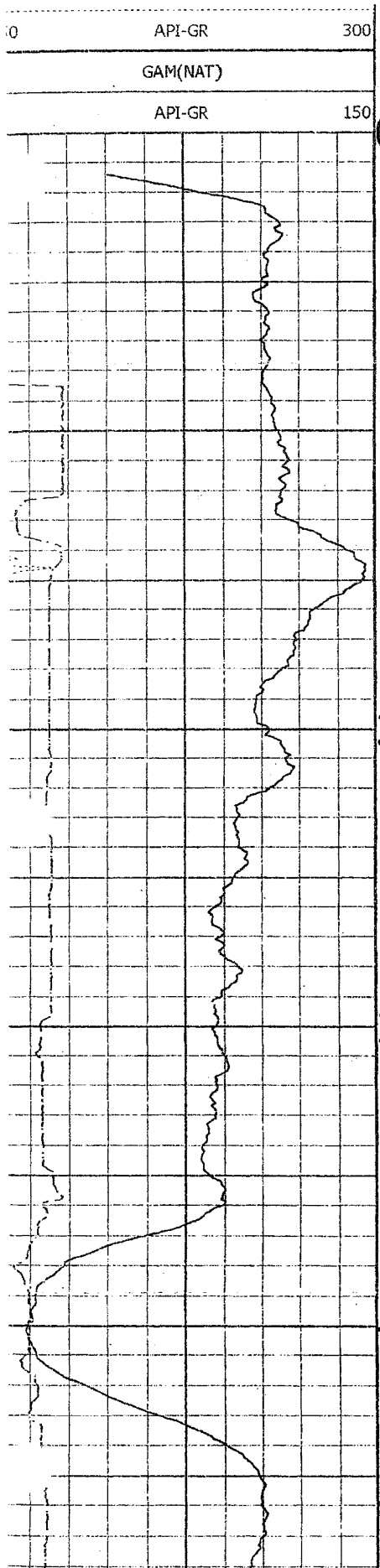
BOREHOLE FLUID : WATER FILE : ORIGINAL
 RM : TYPE : 9030AA
 RM TEMPERATURE :
 MATRIX-DELTA T : 54

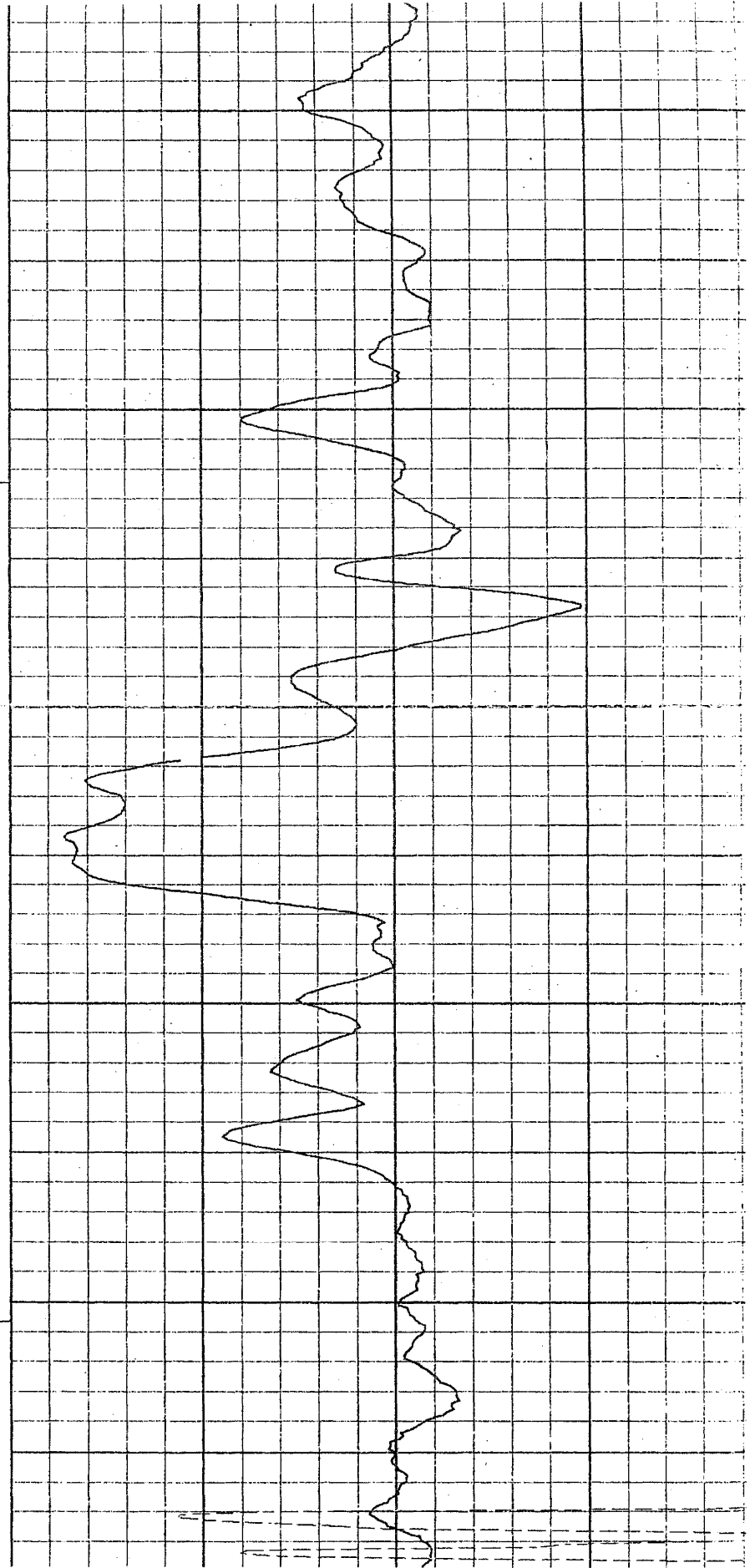
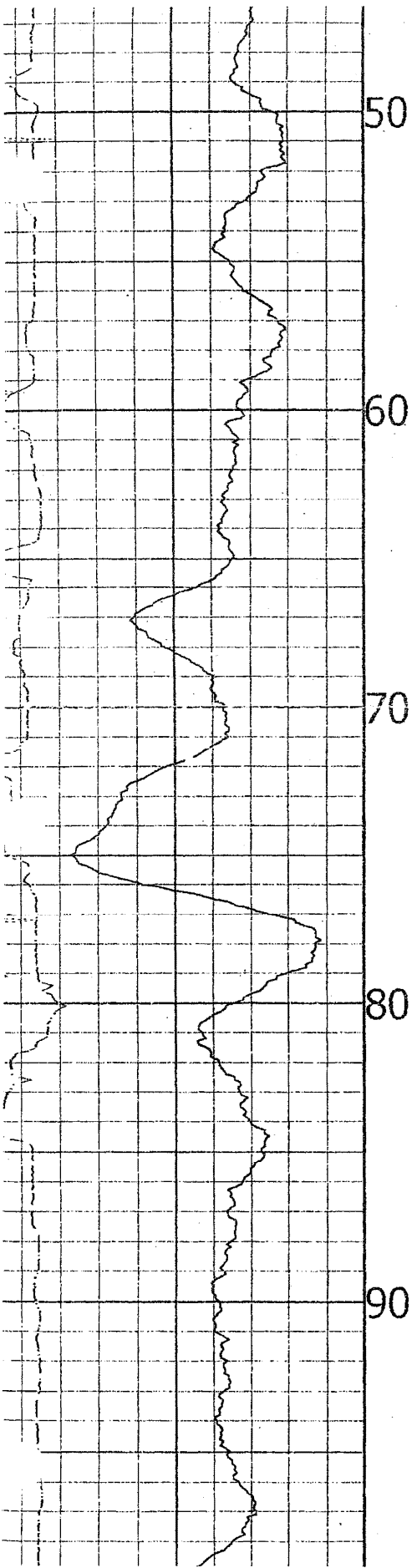
THRESH: 50000

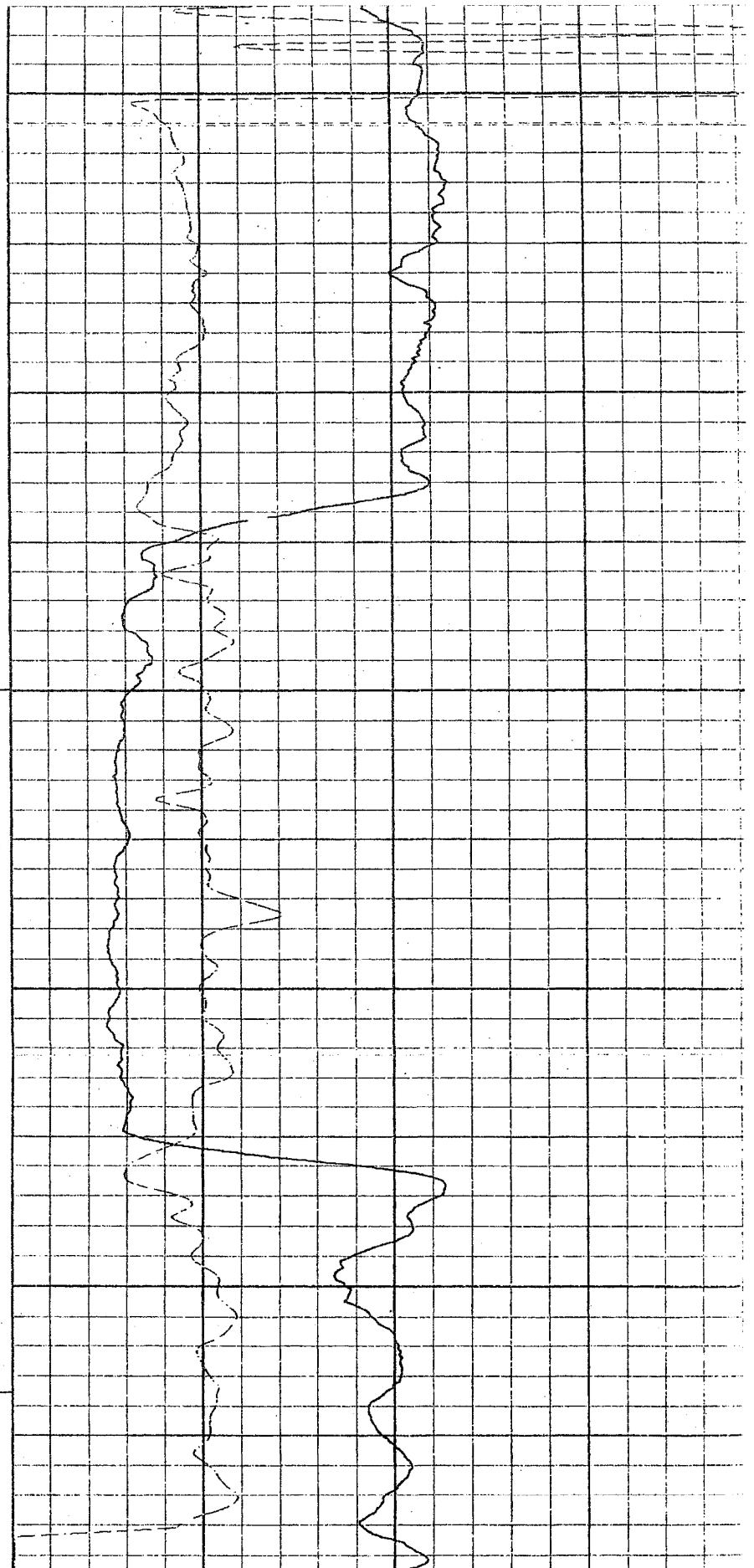
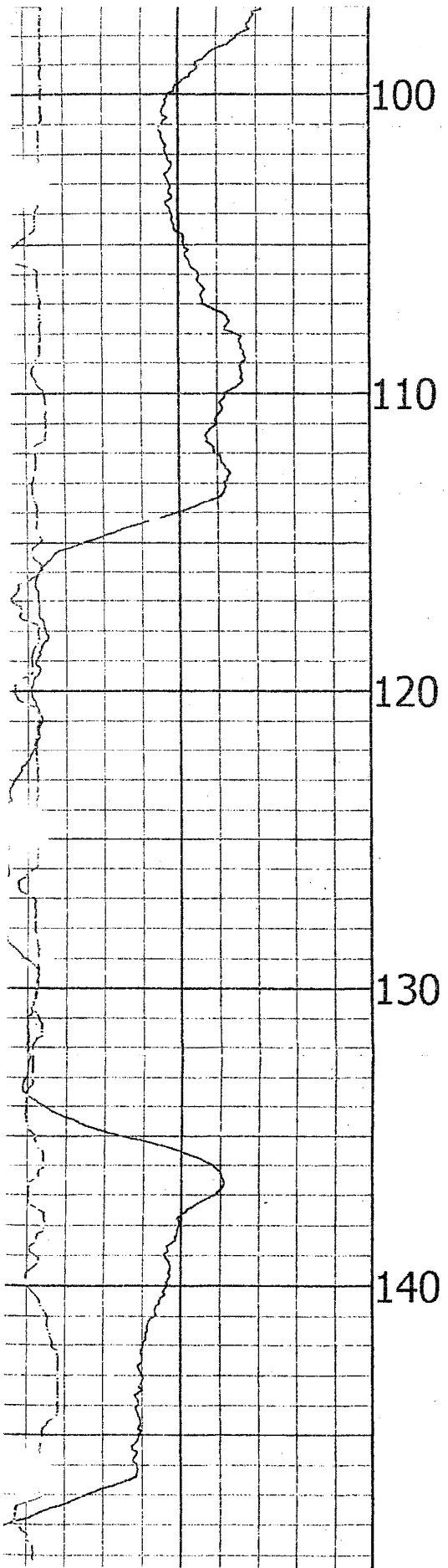
PLUG HOLE
 SITE GEOL. W. PRUIT/CLARK FRITZ

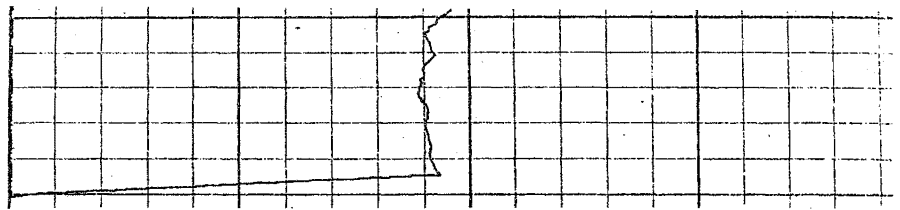
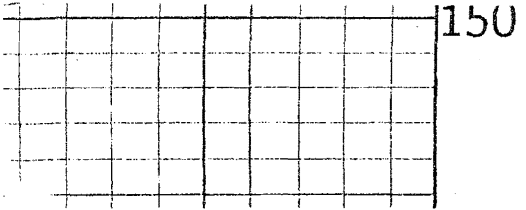
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER	FEET	
INCH 14		
GAM(NAT)		RES(MG)
50 API-GR 300	0	OHM-M
GAM(NAT)		DENSITY









GAM(NAT)		
0	API-GR	300
GAM(NAT)		
	INCH	14
CALIPER		

FEET

DENSITY	
0	OHM-M
RES(MG)	



Century GEOPHYSICAL CORP.

SH-7P

COMPANY : KIEWITERGY
 WELL : SH-7P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 15

OTHER SERVICES:
 [Empty box]

TOWNSHIP : 139N RANGE : 98W

DATE : 03/04/02
 DEPTH DRILLER : 90
 LOG BOTTOM : 80.20
 LOG TOP : 1.40

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM-TEMPERATURE :
 MATRIX DELTA T : 54

FILE : ORIGINAL
 TYPE : 9030AA

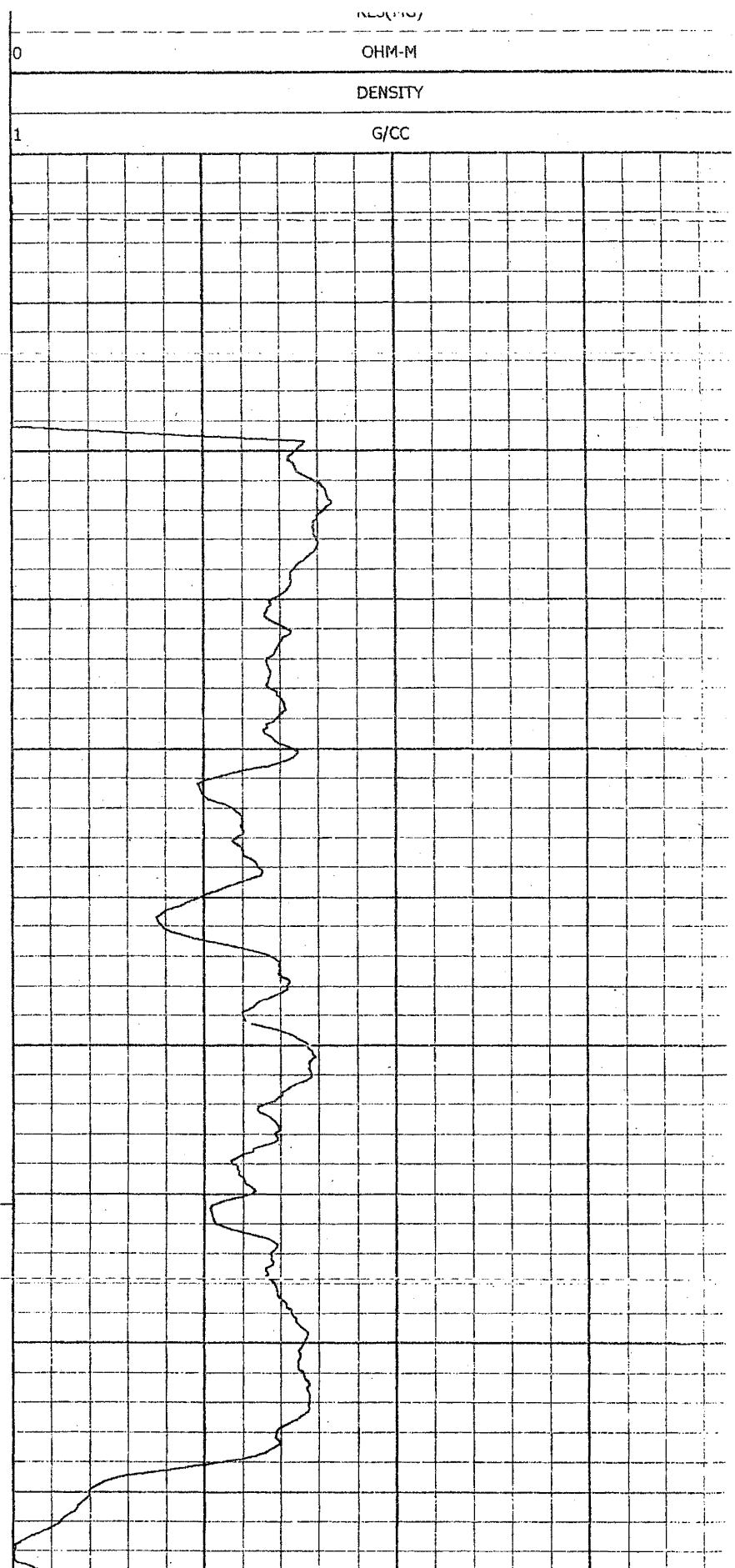
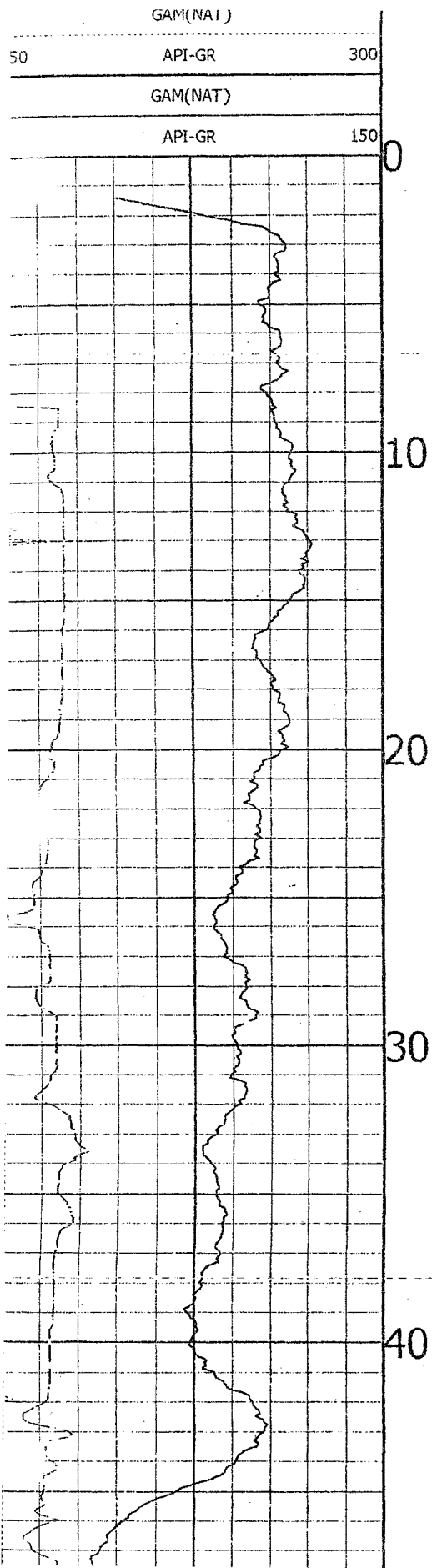
THRESH: 50000

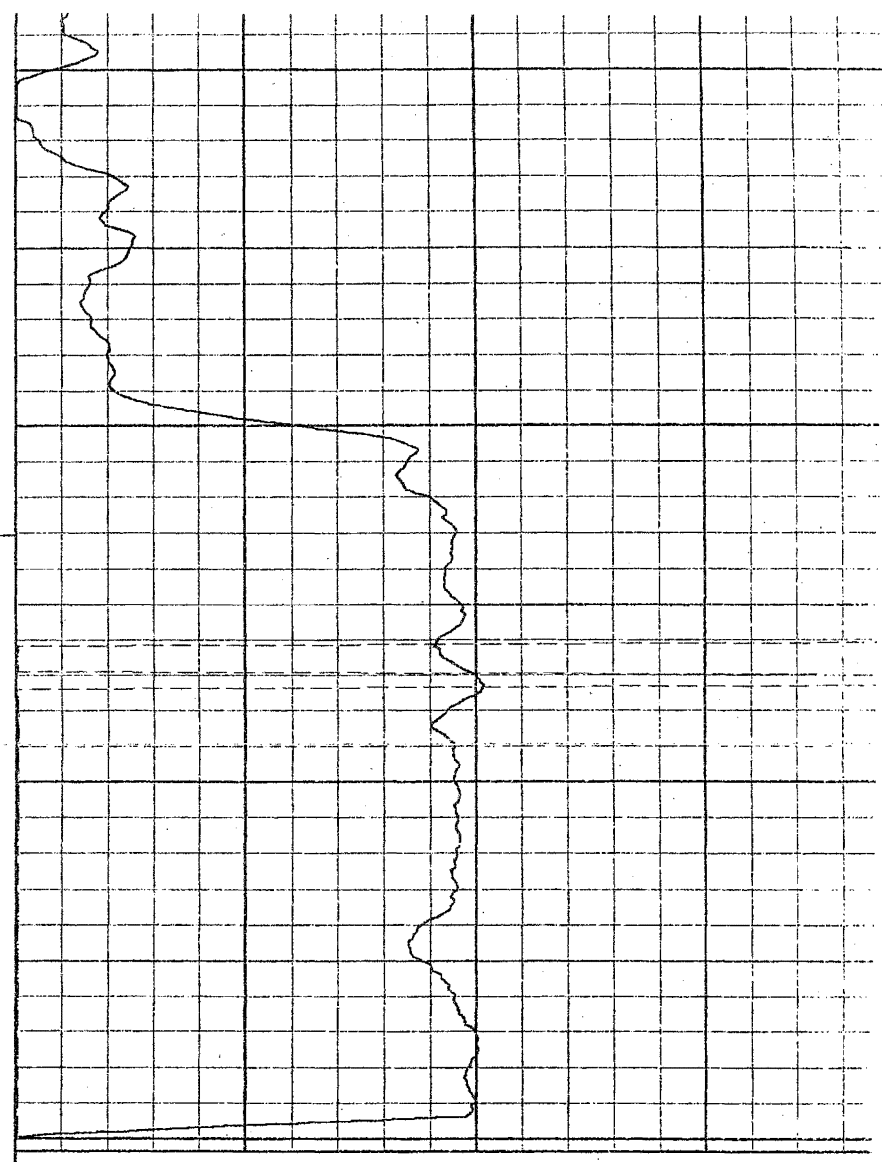
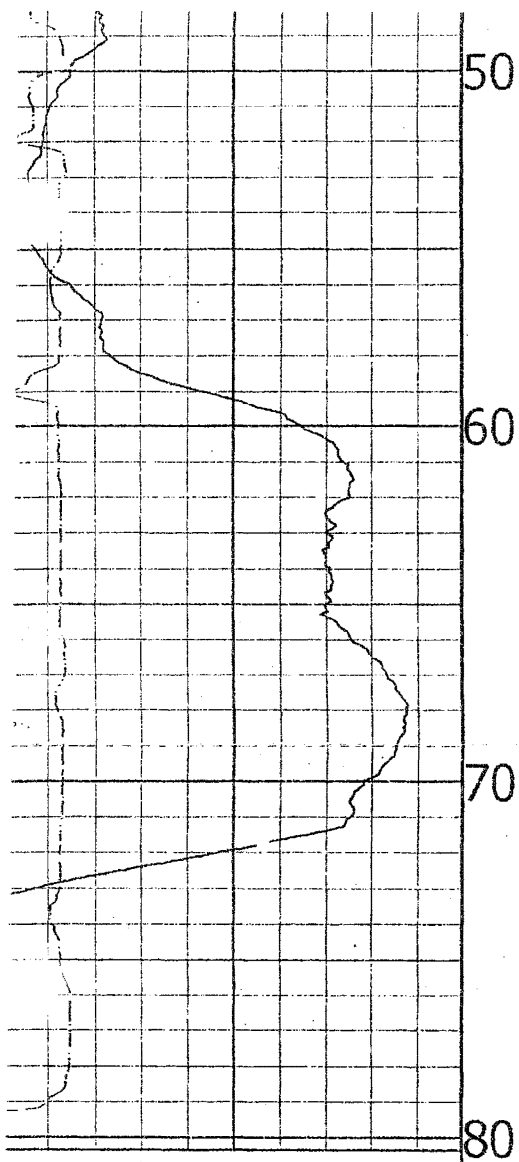
PLUG HOLE
 SITE GEOL. W. PRUIT/CLARK FRITZ

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET		
INCH	14			
GAM(NAT)			RES(MG)	
150	API-GR	300	0	OHM-M

DENSITY



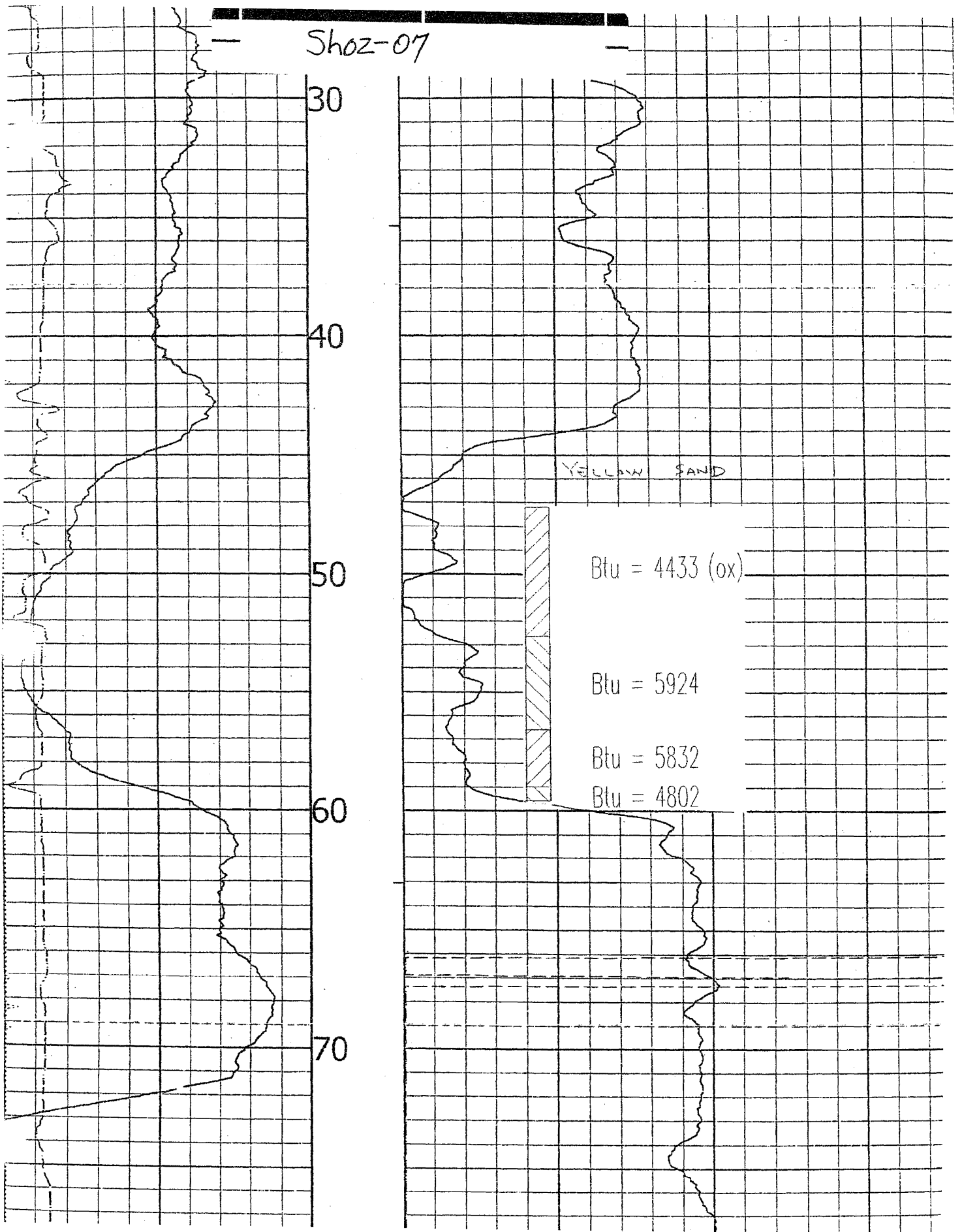


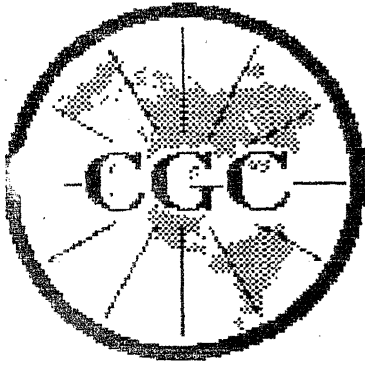
0	API-GR	150
	GAM(NAT)	
150	API-GR	300
	GAM(NAT)	
4	INCH	14
	CALIPER	

FEET

1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Shoz-07





Century GEOPHYSICAL CORP.

SH-8P

COMPANY : KIEWITERY
 WELL : SH-8P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 15

OTHER SERVICES:

TOWNSHIP : 139N RANGE : 98W

DATE : 03/04/02
 DEPTH DRILLER : 120
 LOG BOTTOM : 120.40
 LOG TOP : 1.50

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 Casing Thickness:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

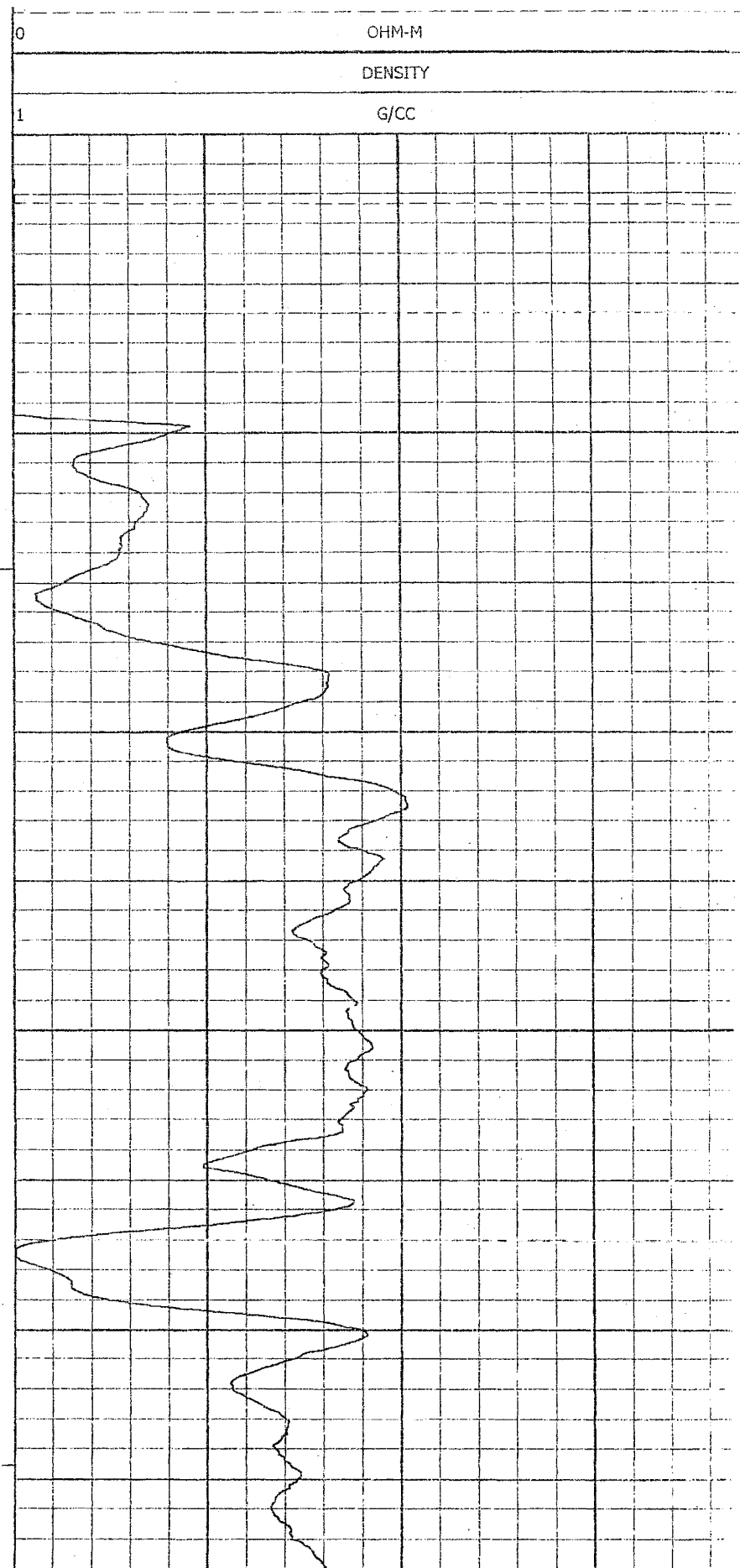
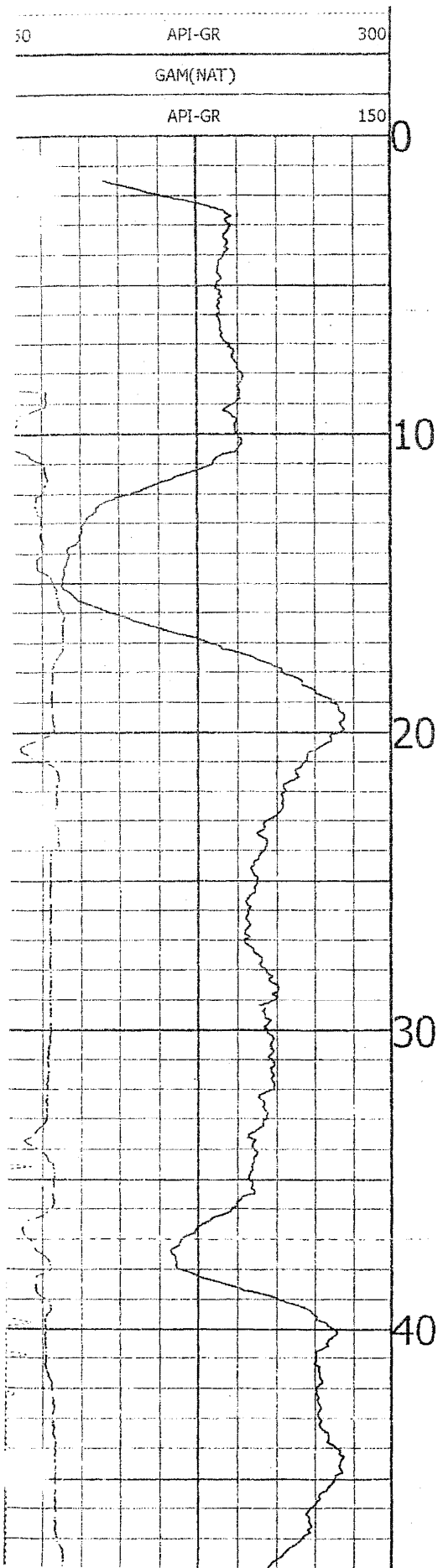
FILE : ORIGINAL
 TYPE : 9030AA

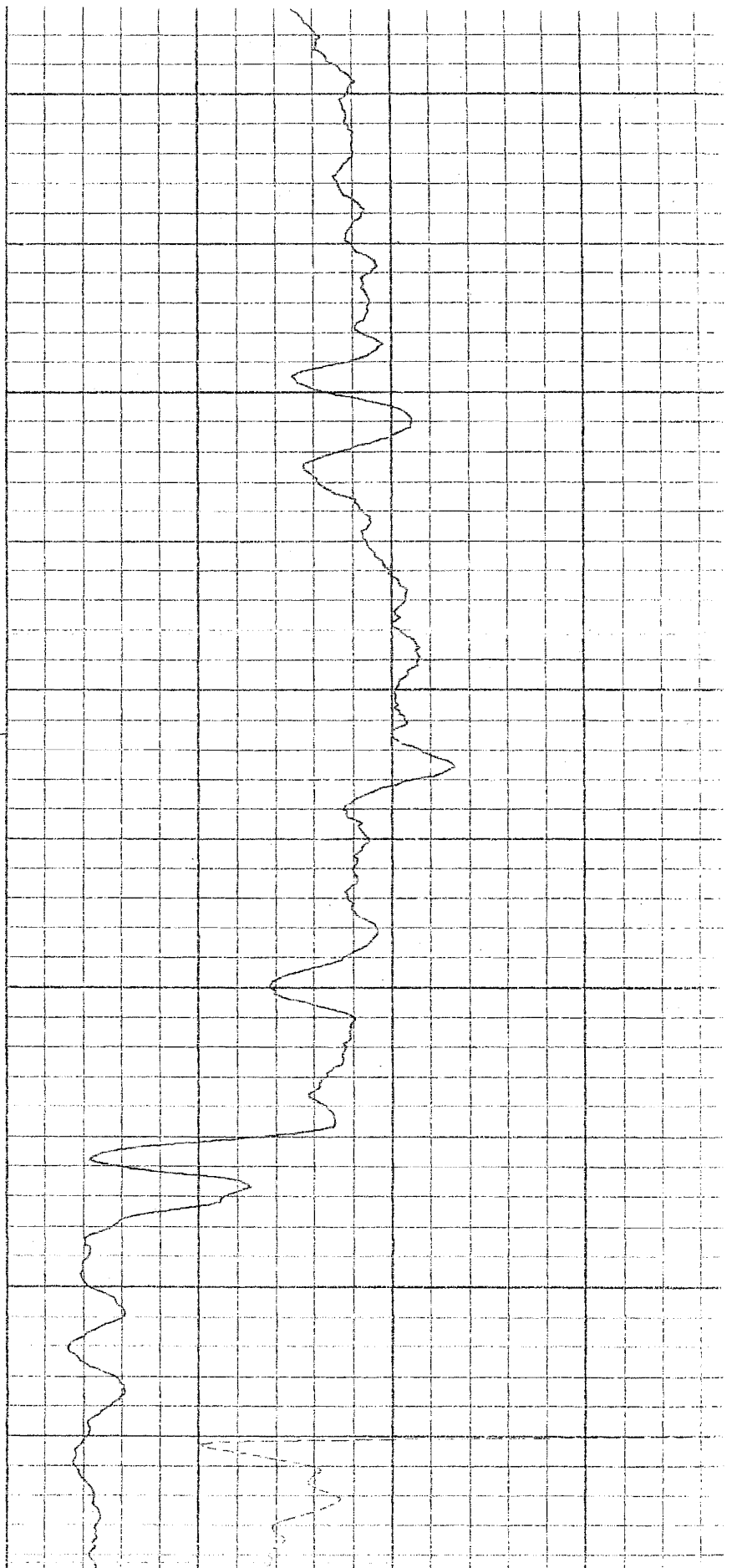
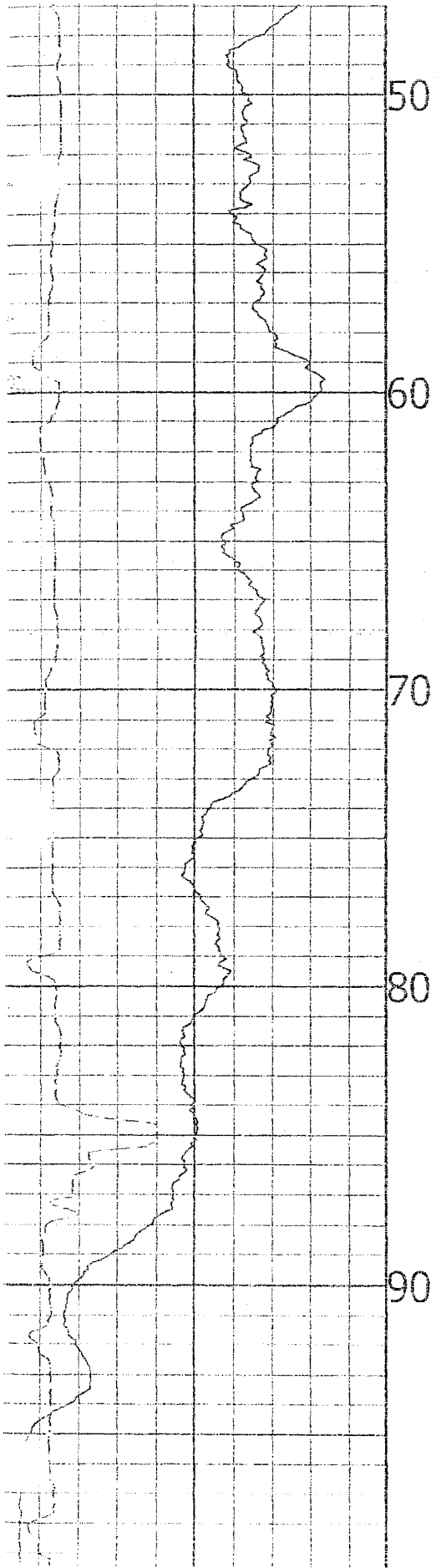
THRESH: 50000

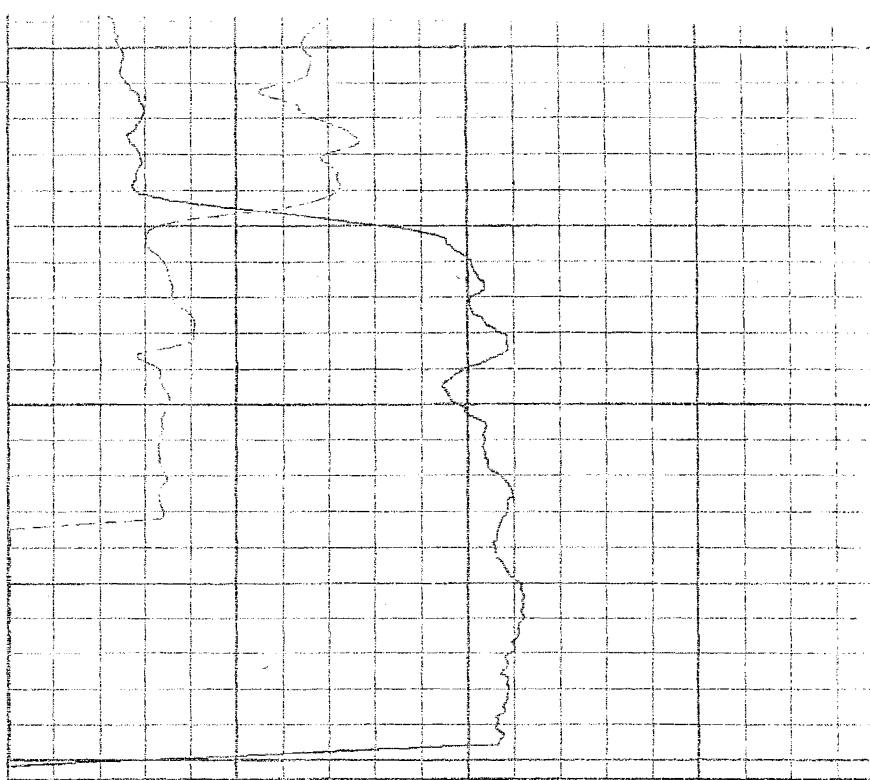
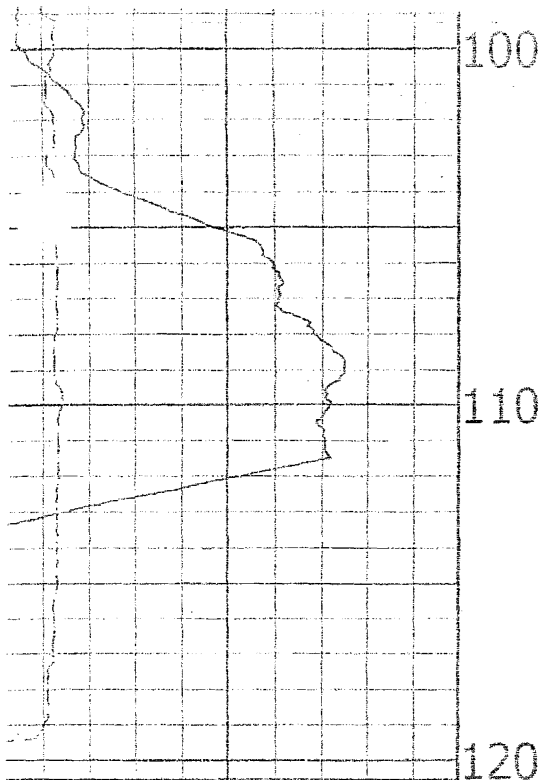
PLUG HOLE
 SITE GEOL. W.PRUIT/CLARK FRITZ

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER	FEET	
INCH	14	
GAM(NAT)		RES(MG)
ADT GP	300	OHM-M







0	API-GR	150
	GAM(NAT)	
150	API-GR	300
	GAM(NAT)	
	INCH	14
	CALIPER	

FEET

1	G/CC
	DENSITY
0	OHM-M
	RES(MG)



Century GEOPHYSICAL CORP.

SH02-11A-PZ

COMPANY : KIEWITERGY
WELL : SH02-11A-PZ
LOCATION/FIELD : SOUTH HEART
COUNTY : STARK
STATE : ND
SECTION : 23

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/28/02
DEPTH DRILLER : 195
LOG BOTTOM : 195.00
LOG TOP : 1.40

PERMANENT DATUM :
LOG MEASURED FROM:
DRL MEASURED FROM:

KB :
DF :
GL :

CASING DIAMETER : NA
CASING TYPE :
CASING THICKNESS:

LOGGING UNIT : 9706
FIELD OFFICE : CGC-CASPER,
RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
RM :
RM TEMPERATURE :
MATRIX DELTA T : 54

FILE : ORIGINAL
TYPE : 9030AA

THRESH: 50000

PIEZOMETER WELL
SITE GEOL. W.PRUIT/CLARK FRITZ

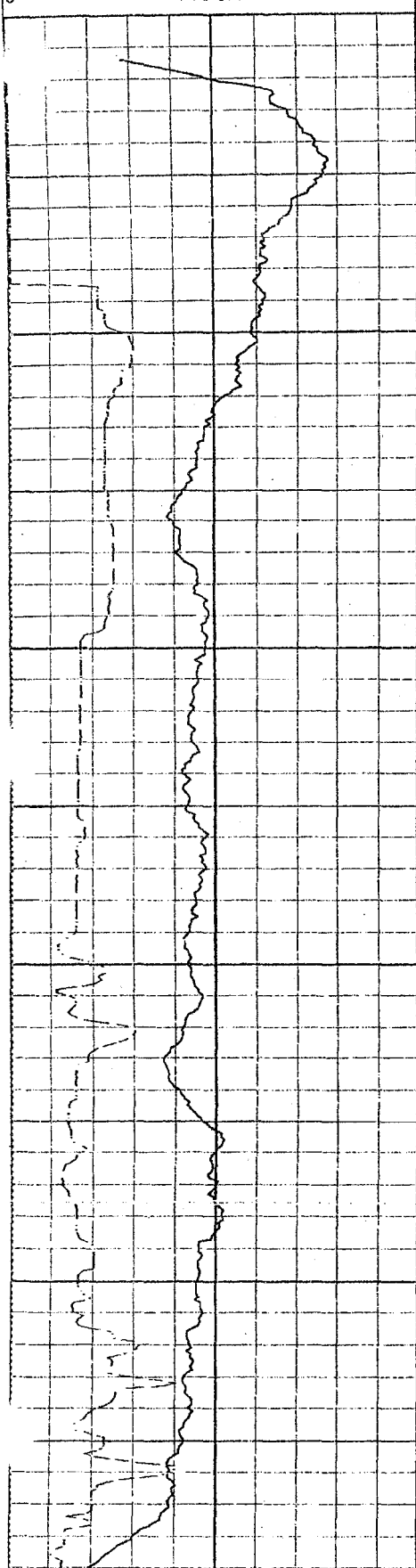
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET		
INCH	14			
GAM(NAT)			RES(MG)	
150	API-GR	300	0	CHM-M
			DENSITY	

150 API-GR 300

GAM(NAT)

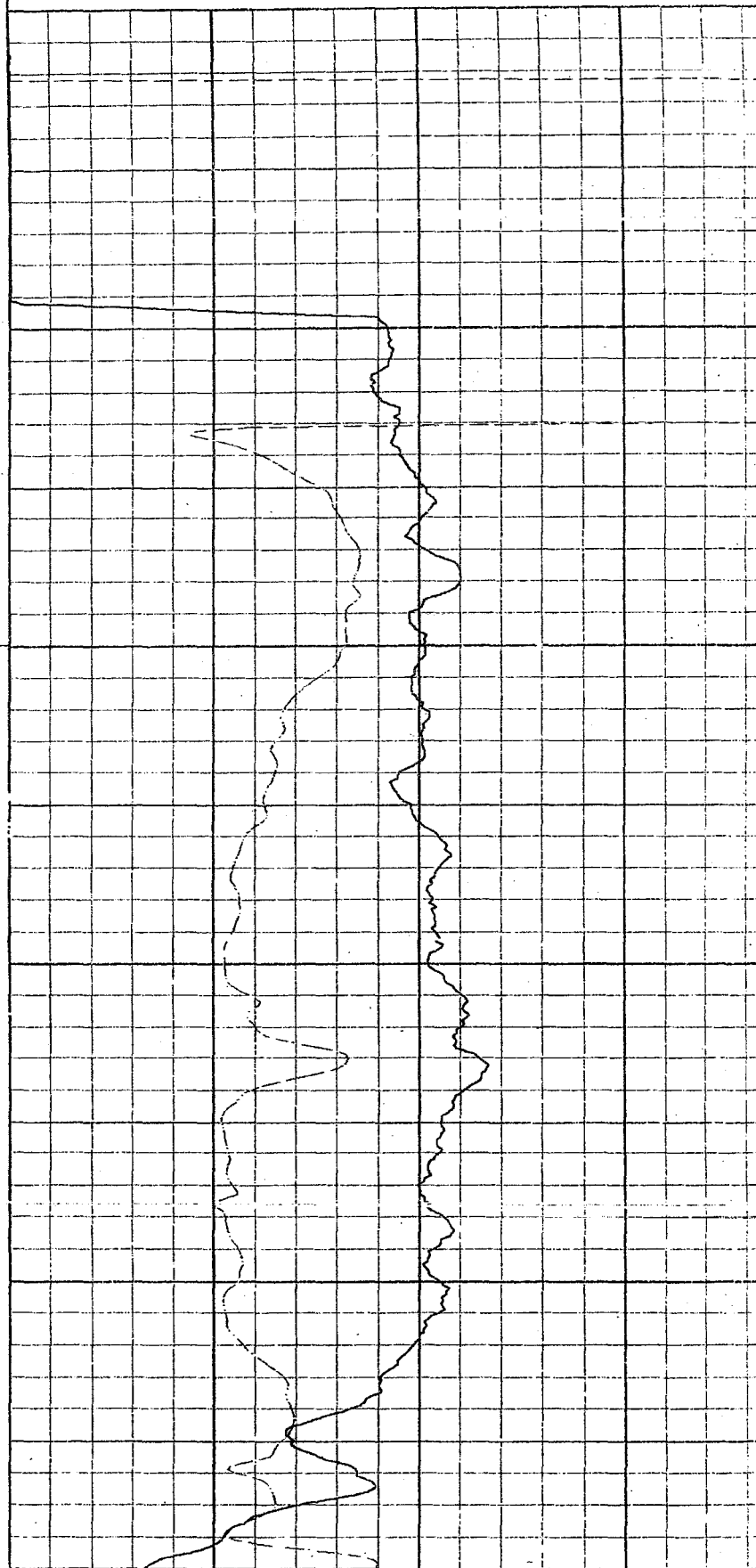
0 API-GR 150

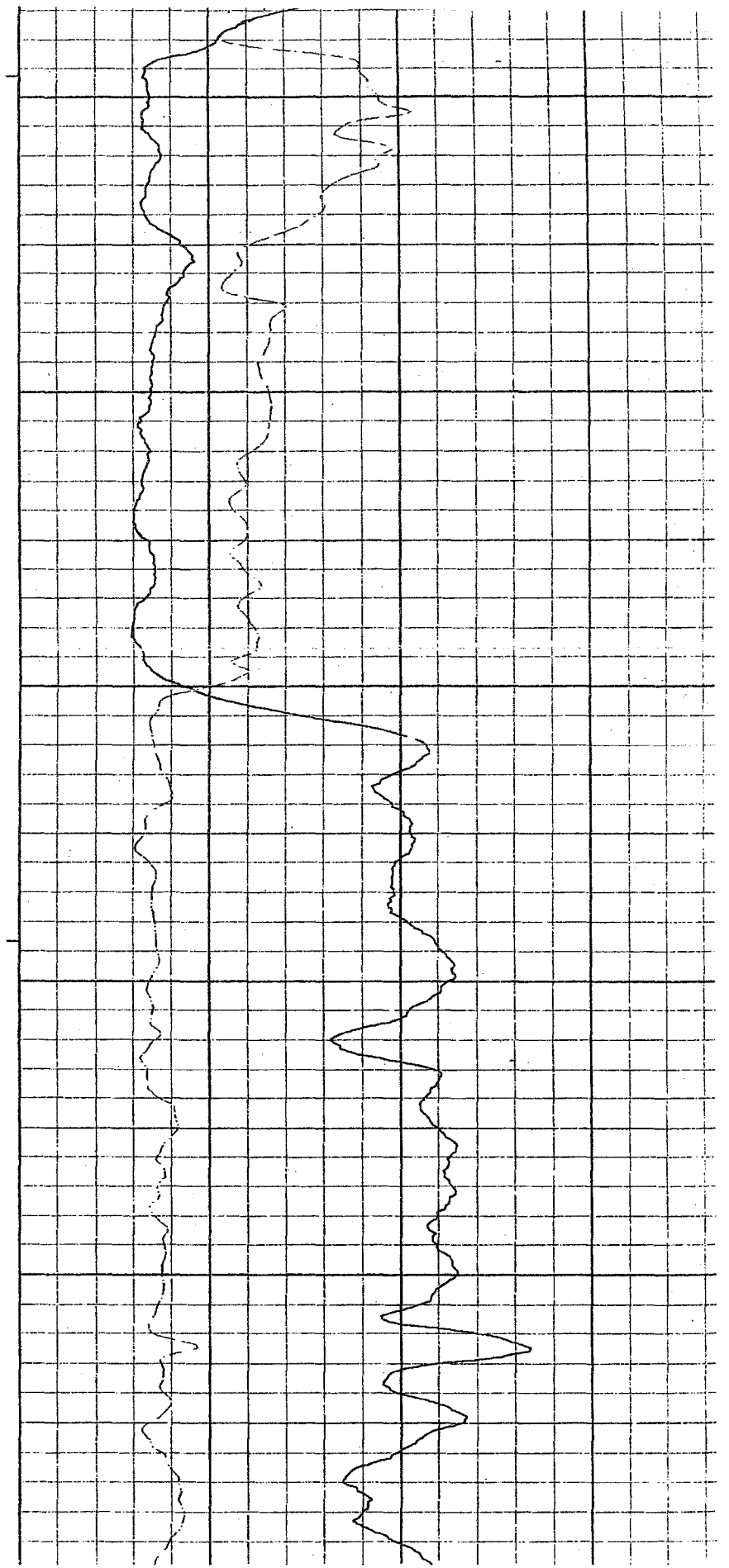
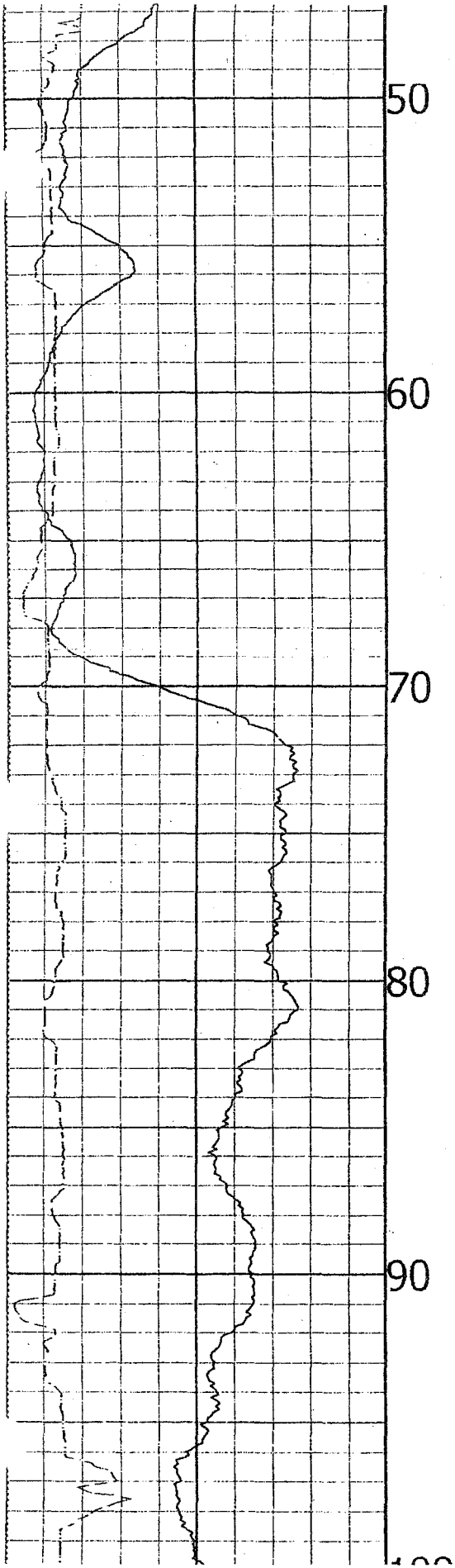


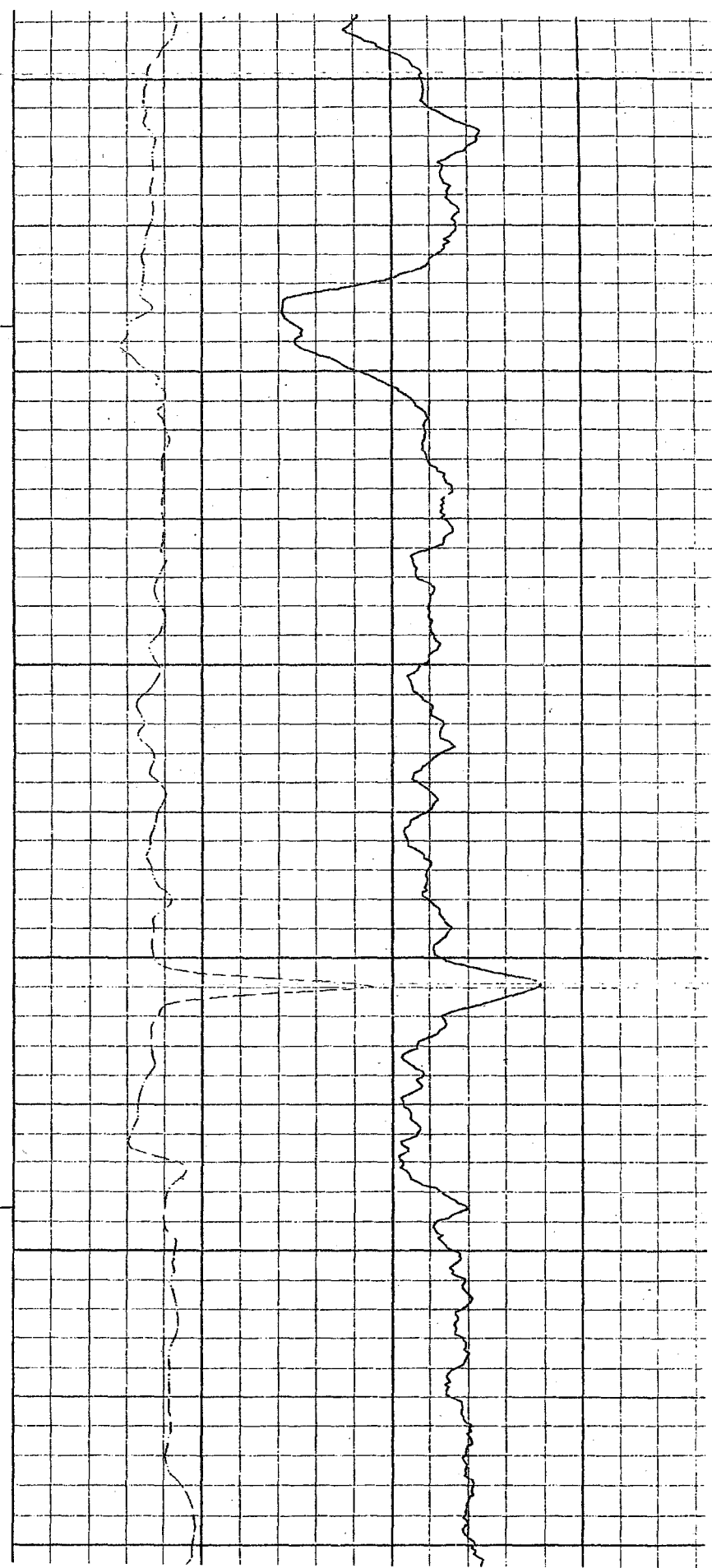
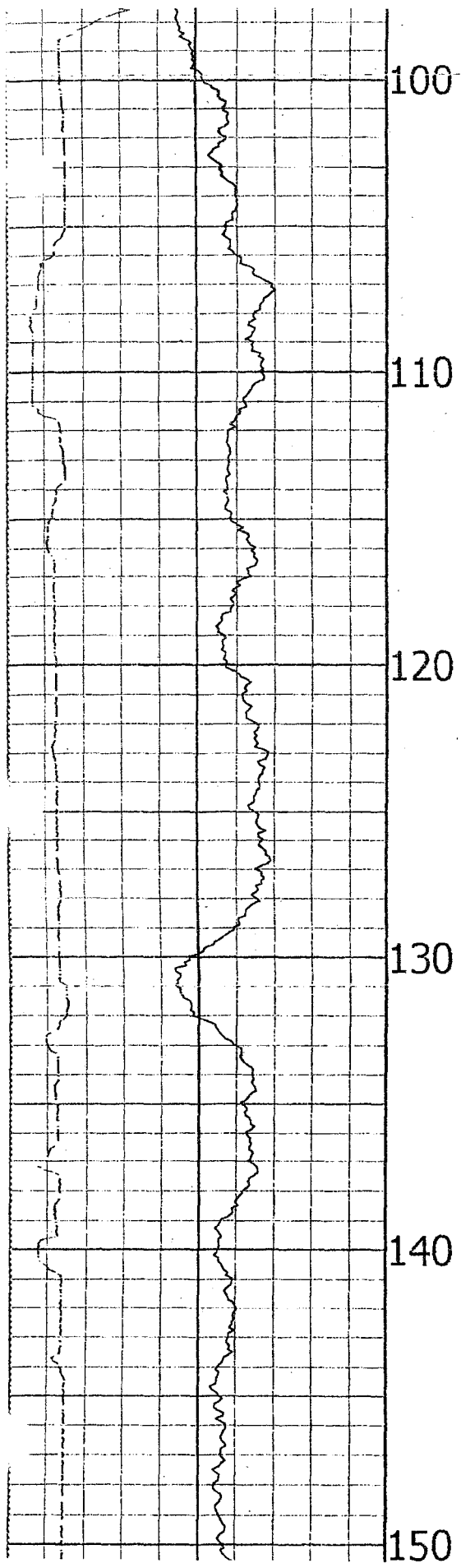
0 CHM-M

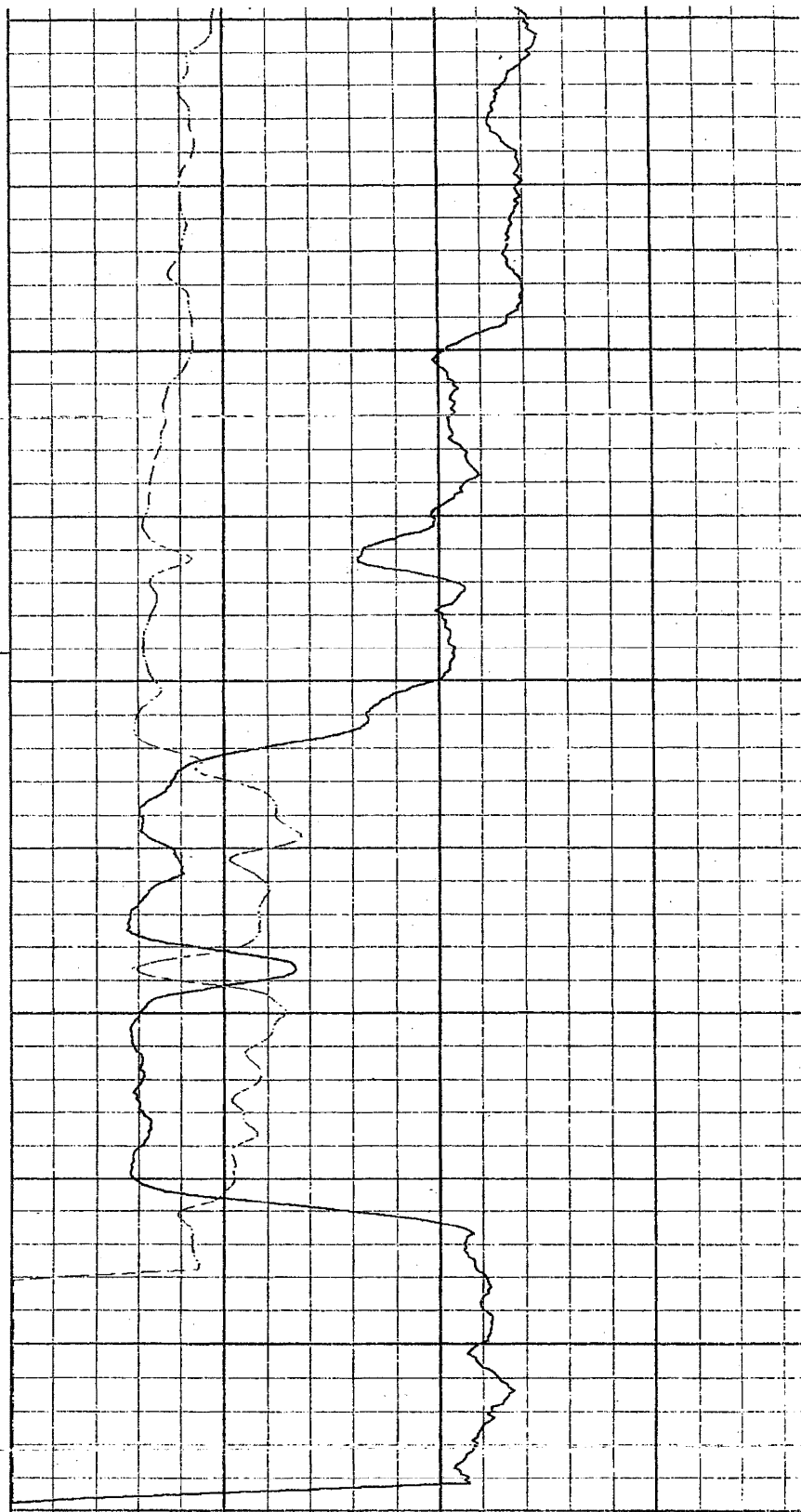
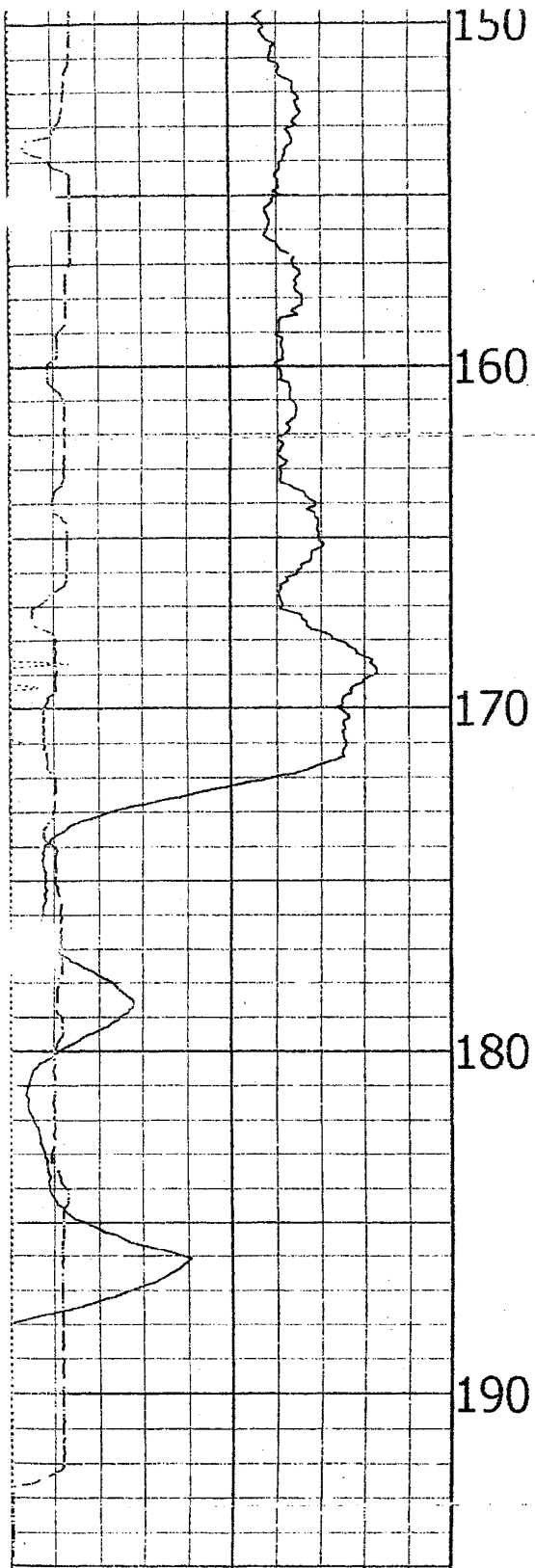
DENSITY

1 G/CC









GAM(NAT)
 4 INCH 14

RES(MG)



Century GEOPHYSICAL CORP.

SH-13P

COMPANY : KIEWITERY
 WELL : SH-13P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 21

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/04/02
 DEPTH DRILLER : 80
 LOG BOTTOM : 165.00
 LOG TOP : 1.40

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

LOGGING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS :

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

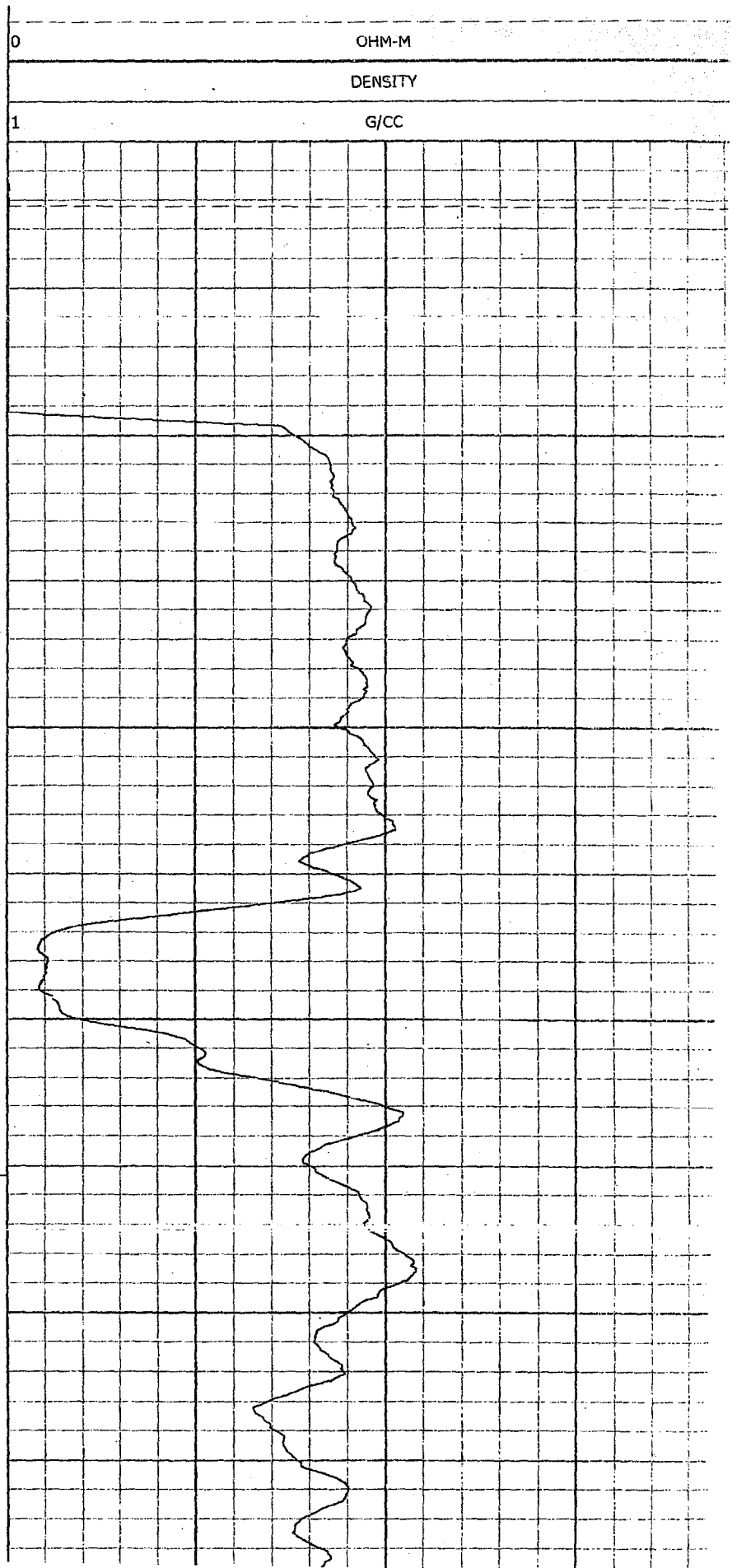
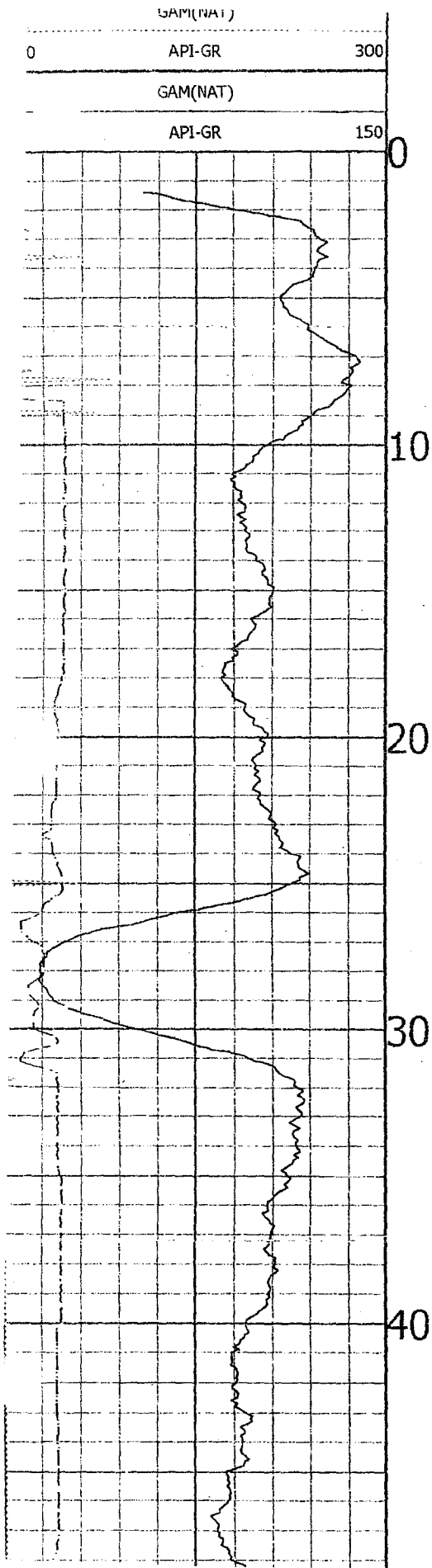
FILE : ORIGINAL
 TYPE : 9030AA

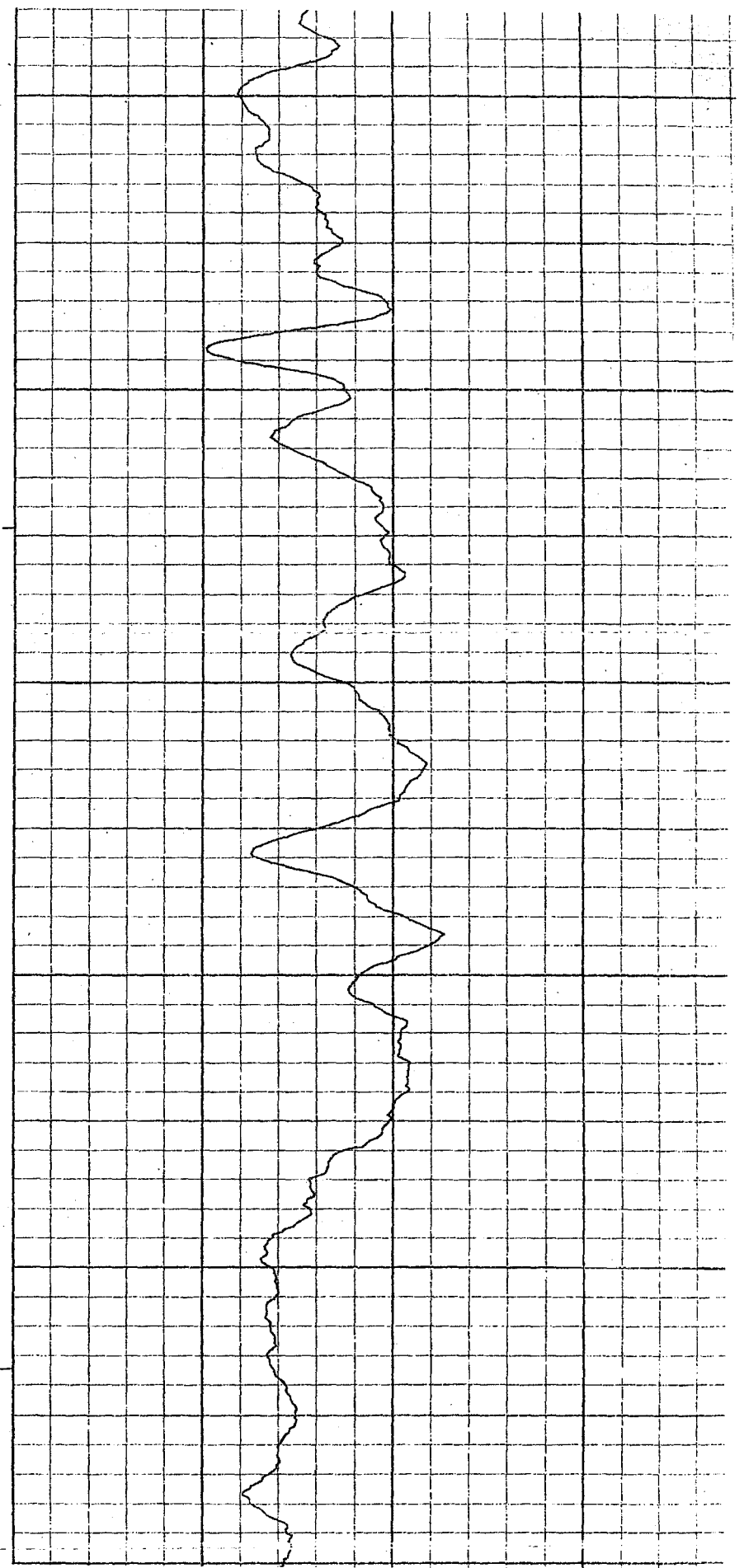
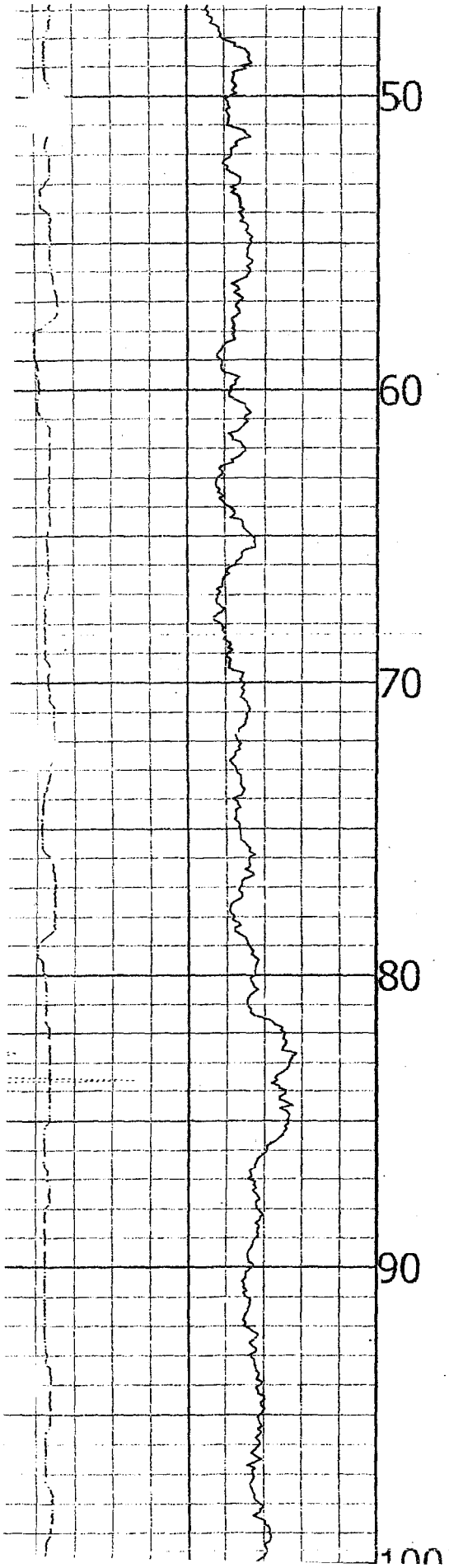
THRESH: 50000

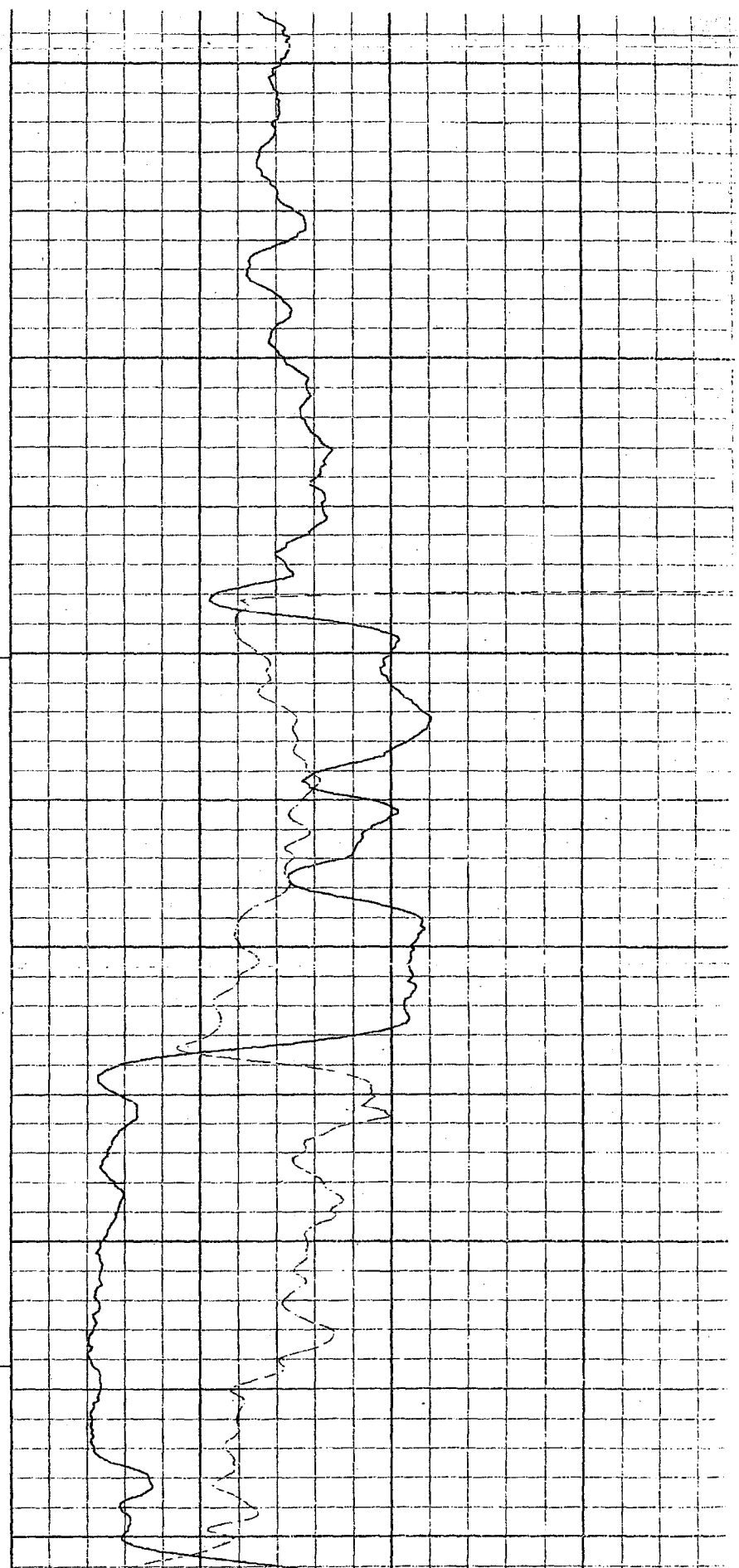
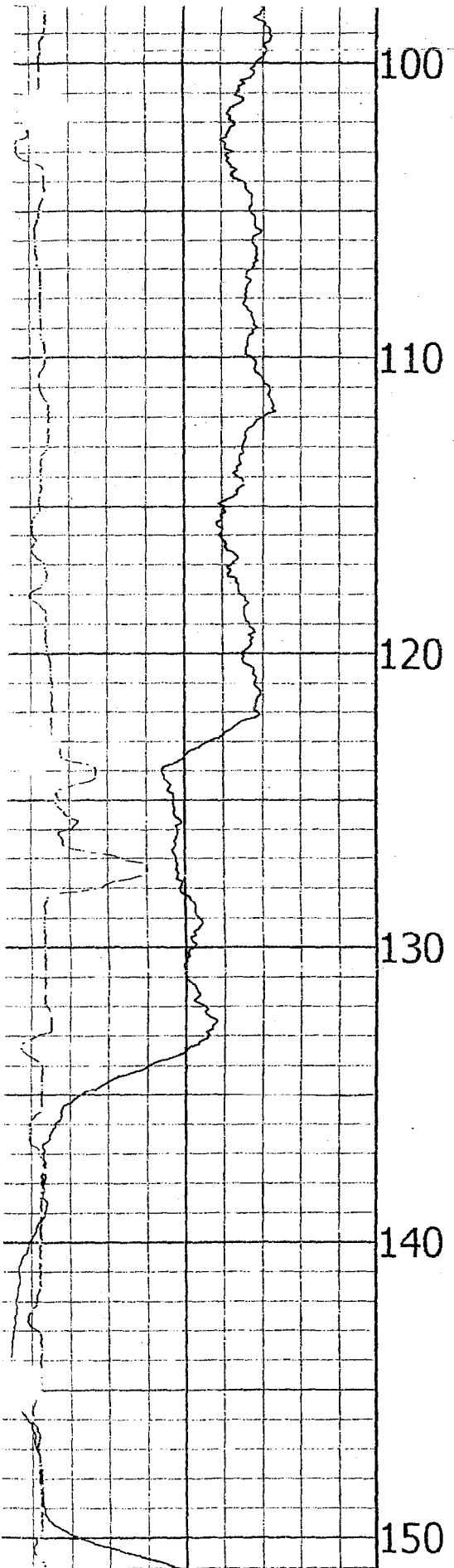
PLUG HOLE
 SITE GEOL. W. PRUIT/CLARK FRITZ

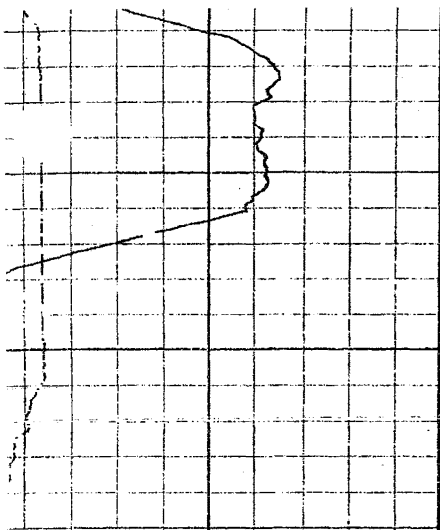
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET		
4	INCH		14	
GAM(NAT)			RES(MG)	
150	API-GR	300	0	OHM-M





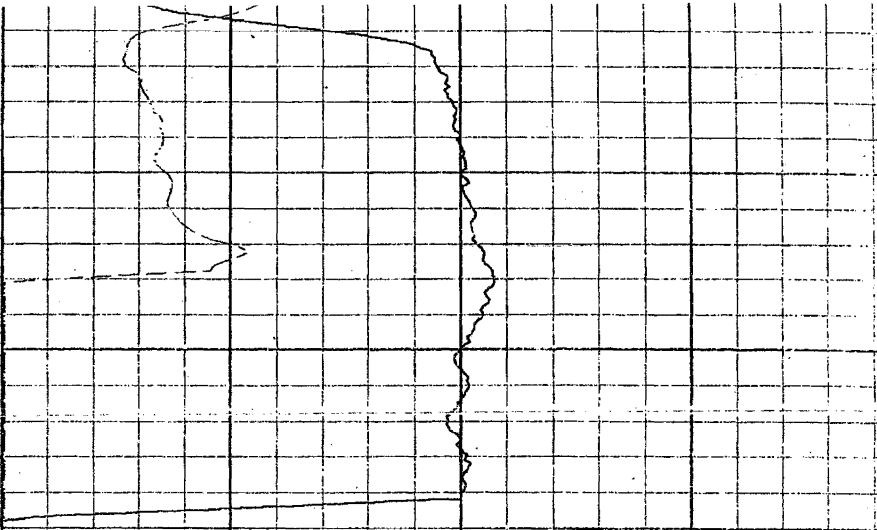




160

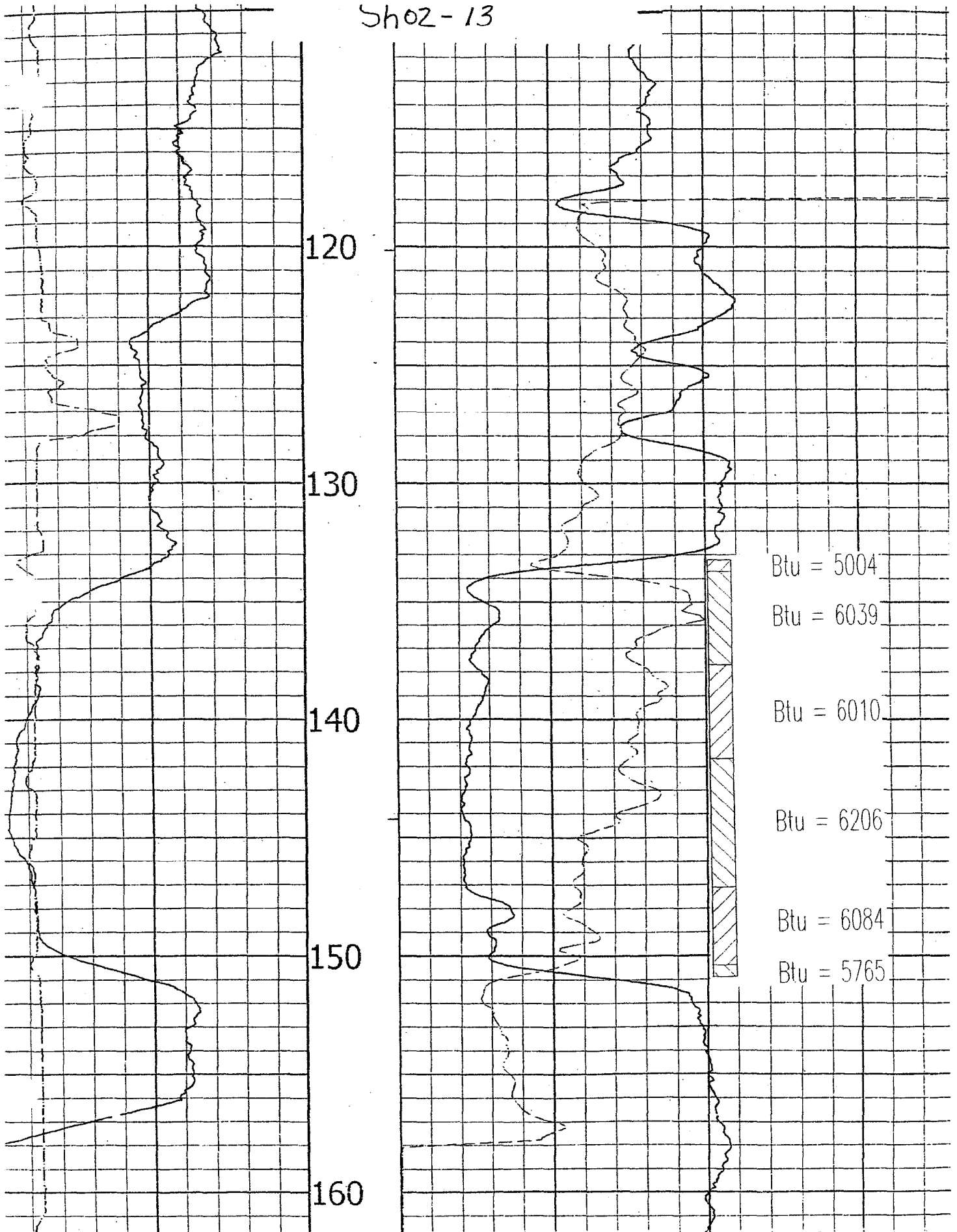
FEET

API-GR	150
GAM(NAT)	
API-GR	300
GAM(NAT)	
INCH	14
CALIPER	



1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Sho2-13



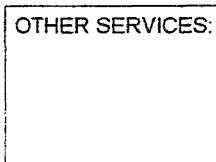


Century GEOPHYSICAL CORP.

SH02-14P

COMPANY : KIEWITERGY
WELL : SH02-14P
LOCATION/FIELD : SOUTH HEART
COUNTY : STARK
STATE : ND
SECTION : 21

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/26/02
DEPTH DRILLER : 130
LOG BOTTOM : 129.10
LOG TOP : 1.20

PERMANENT DATUM :

KB :
DF :
GL :

LOG MEASURED FROM:
DRL MEASURED FROM:

LOGGING DIAMETER : NA
LOGGING TYPE :
LOGGING THICKNESS:

LOGGING UNIT : 9706
FIELD OFFICE : CGC-CASPER,
RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
RM :
RM TEMPERATURE :
MATRIX DELTA T : 54

FILE : ORIGINAL
TYPE : 9030AA

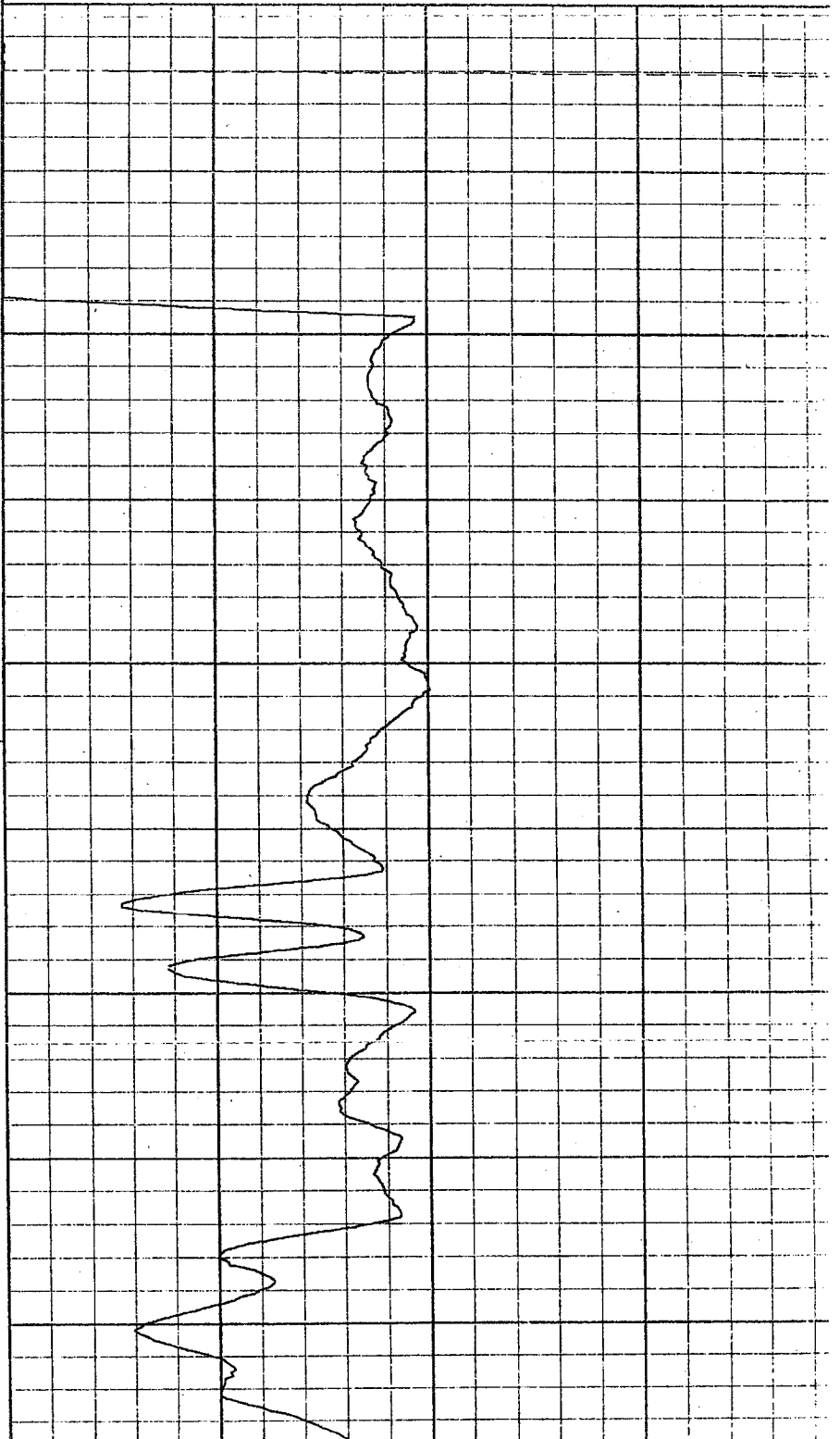
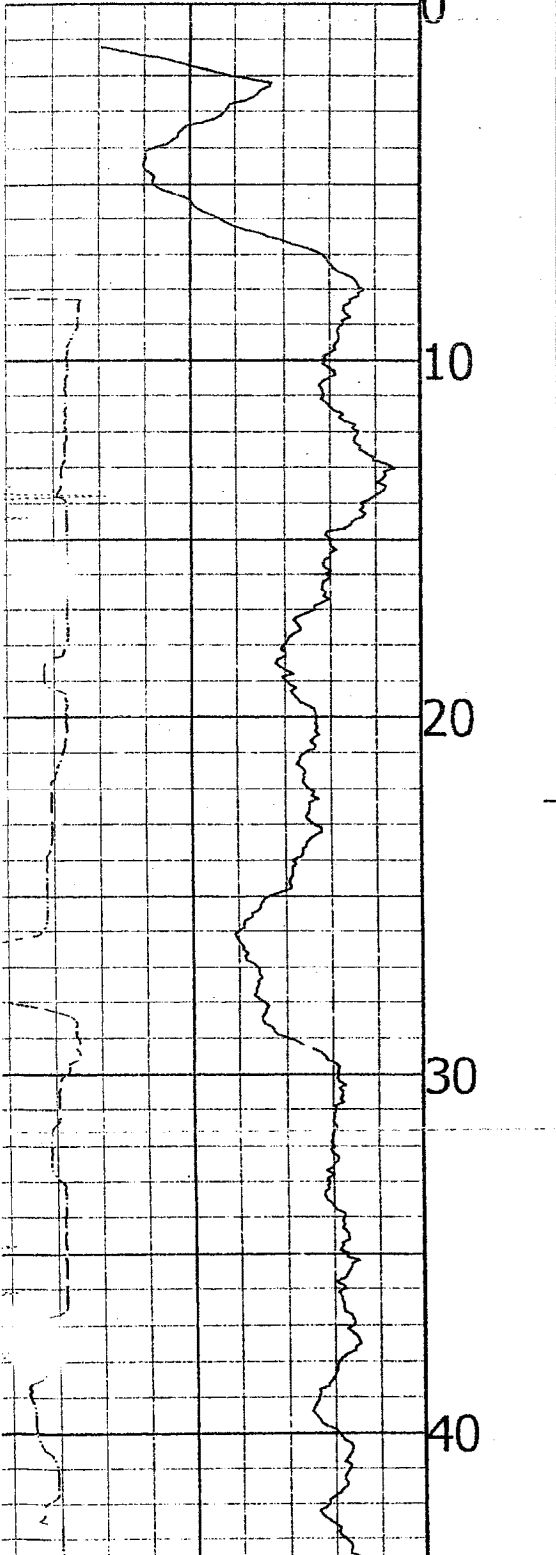
THRESH: 50000

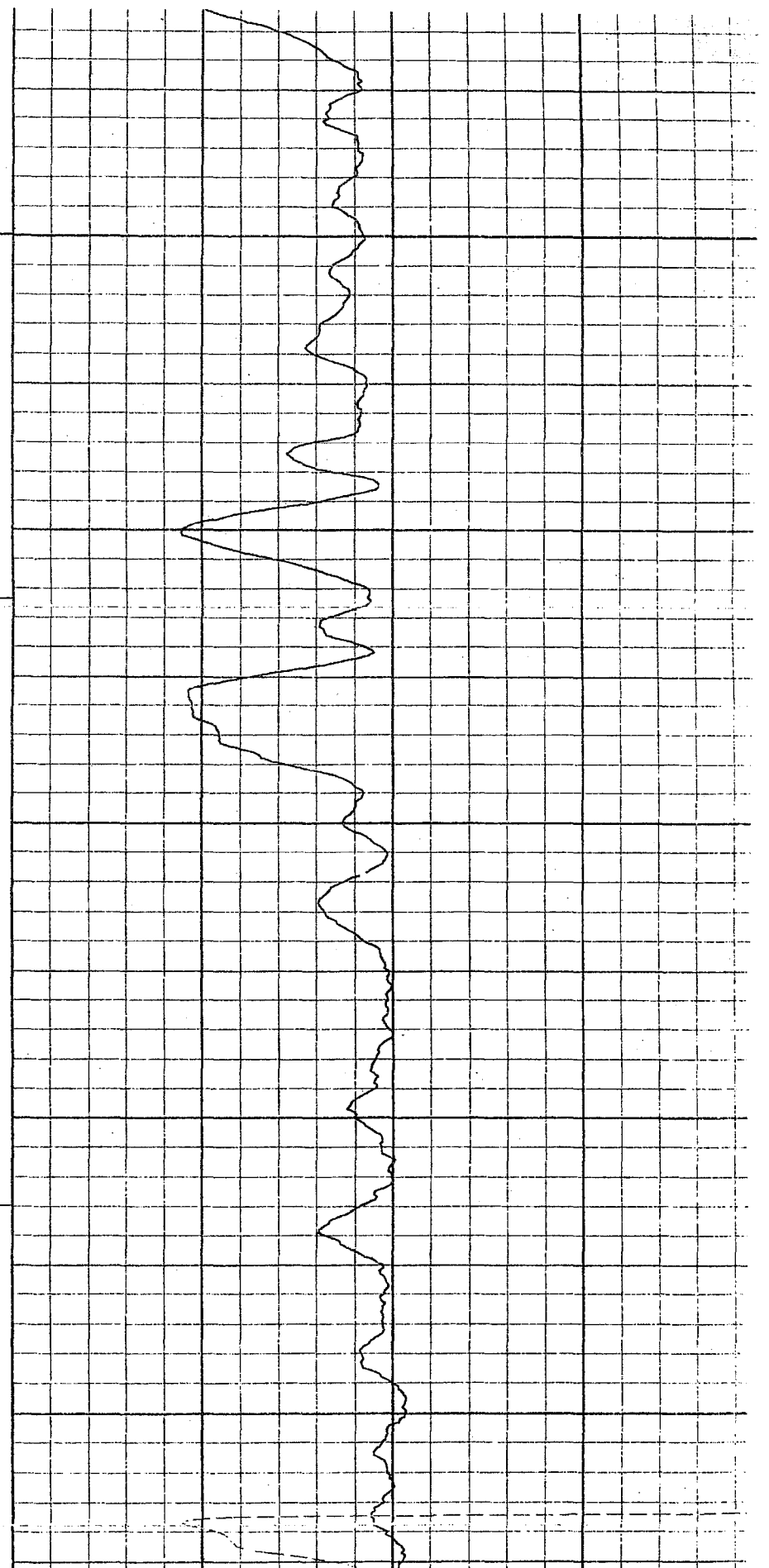
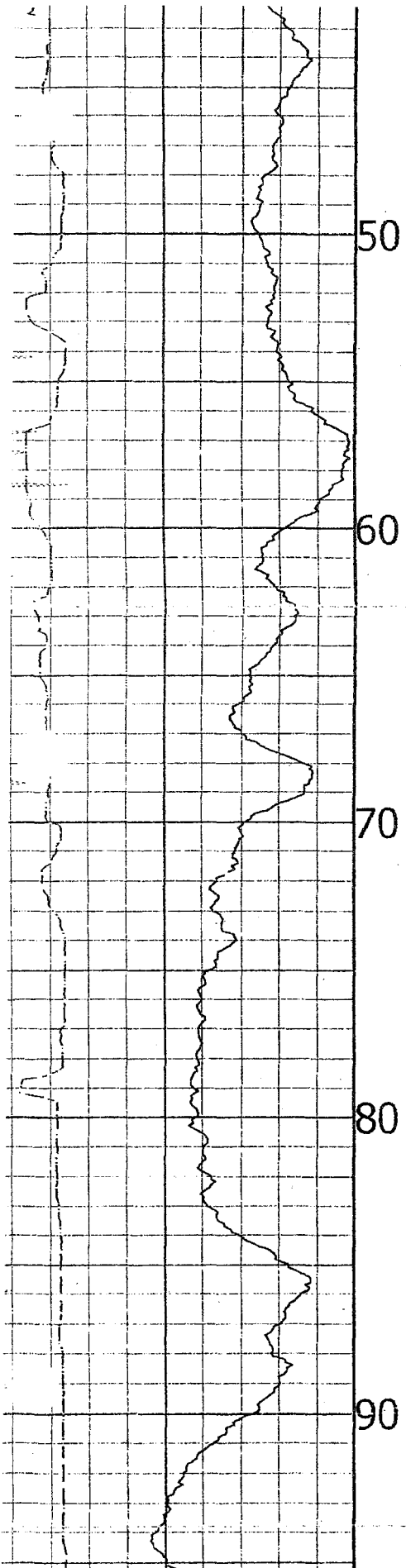
PILOT HOLE
SITE GEOL. W. PRUIT/CLARK FRITZ

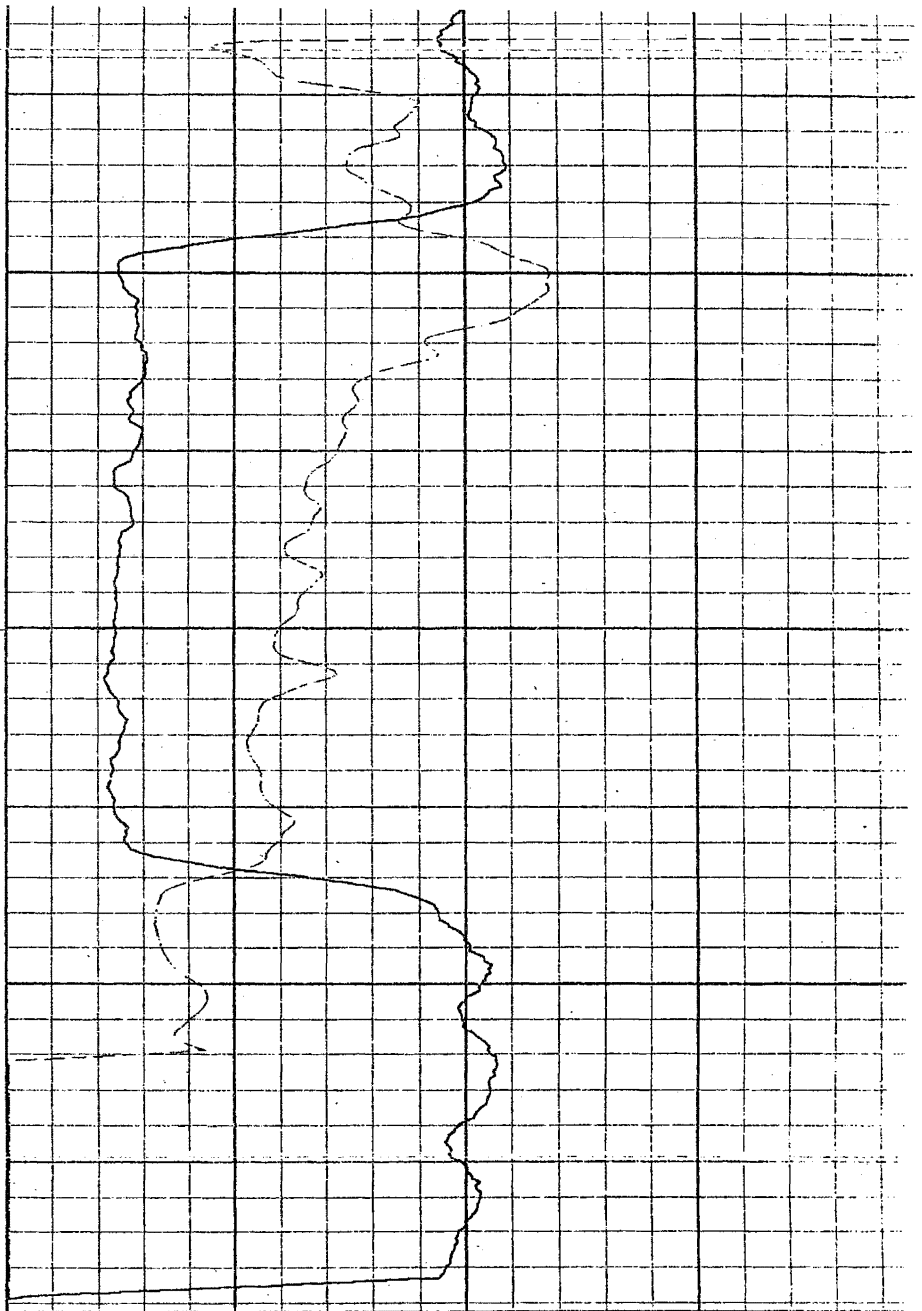
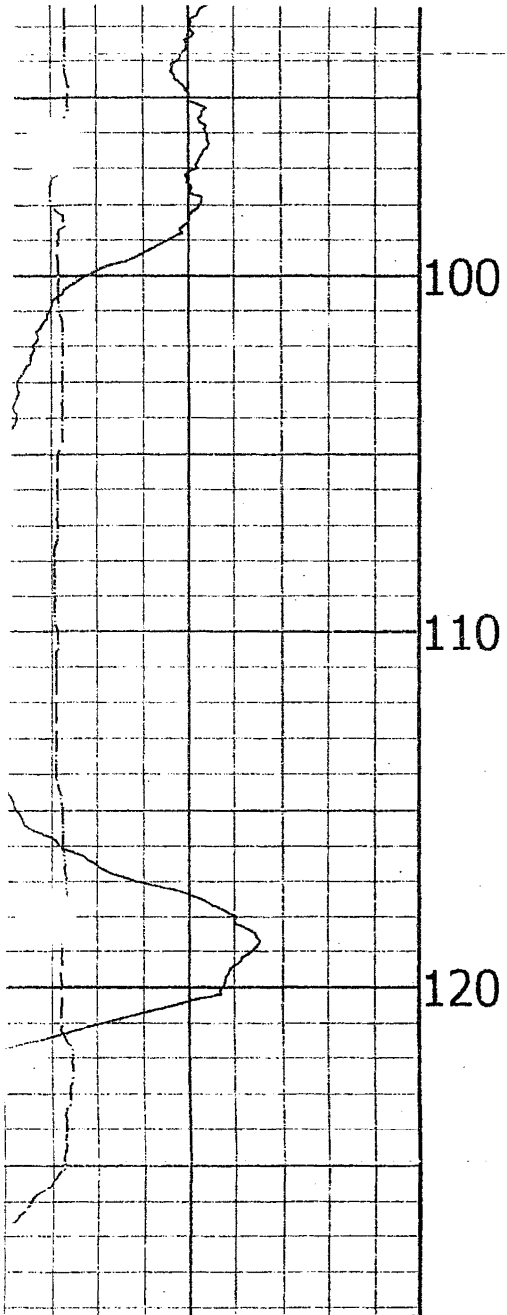
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET
INCH	14	
GAM(NAT)		
API-GR	300	
GAM(NAT)		
API-GR	150	

RES(MG)	
OHM-M	5
DENSITY	
G/CC	



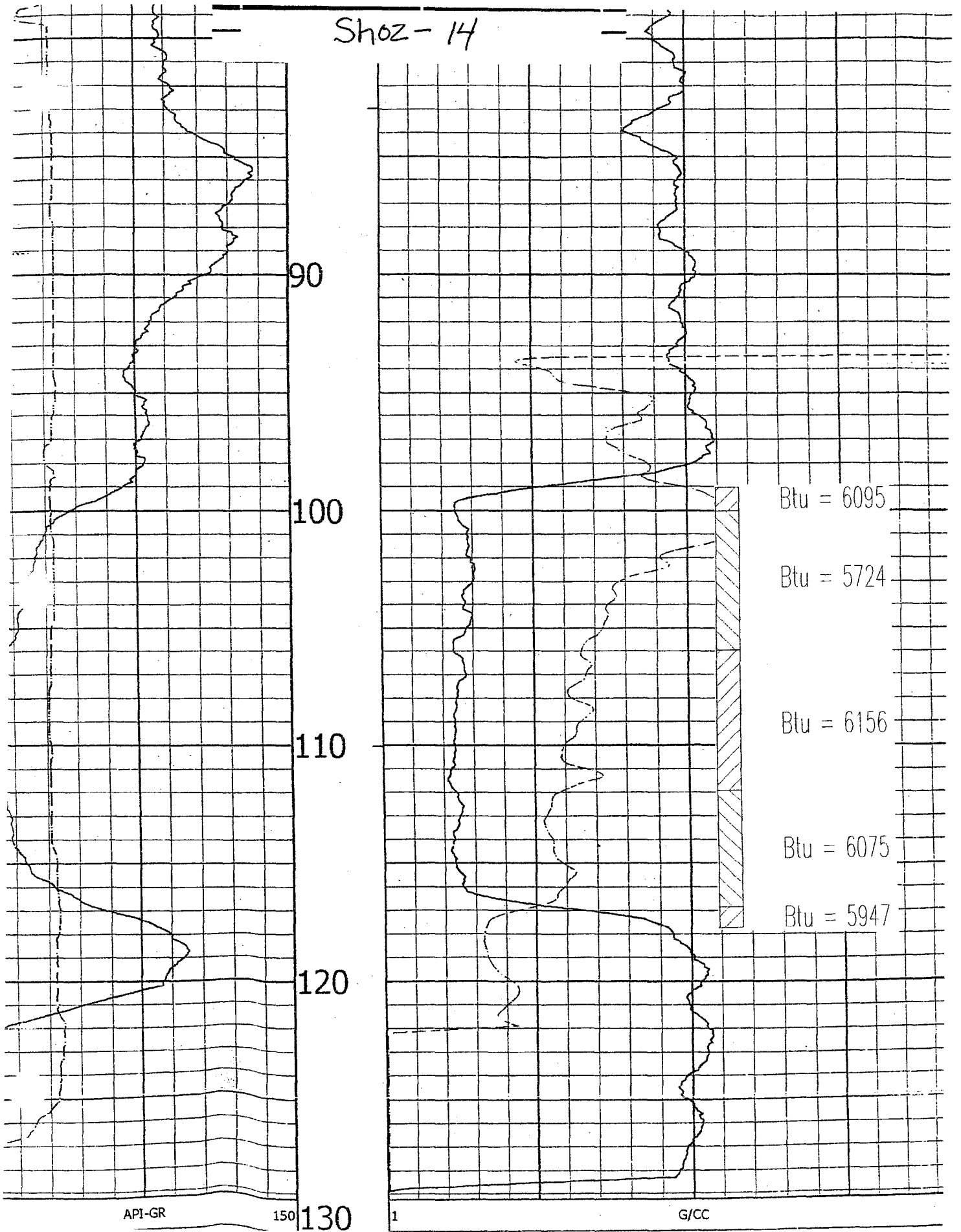




API-GR	150	130 FEET
GAM(NAT)		
API-GR	300	
GAM(NAT)		
INCH	14	
CALIPER		

1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Shoz-14



Btu = 6095

Btu = 5724

Btu = 6156

Btu = 6075

Btu = 5947

API-GR

150

130

1

G/CC



Century GEOPHYSICAL CORP.

SH-17P

COMPANY : KIEWITERGY
 WELL : SH-17P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 23

OTHER SERVICES:



TOWNSHIP : 139N RANGE : 98W

DATE : 03/06/02
 DEPTH DRILLER : 80
 LOG BOTTOM : 78.10
 LOG TOP : 1.40

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

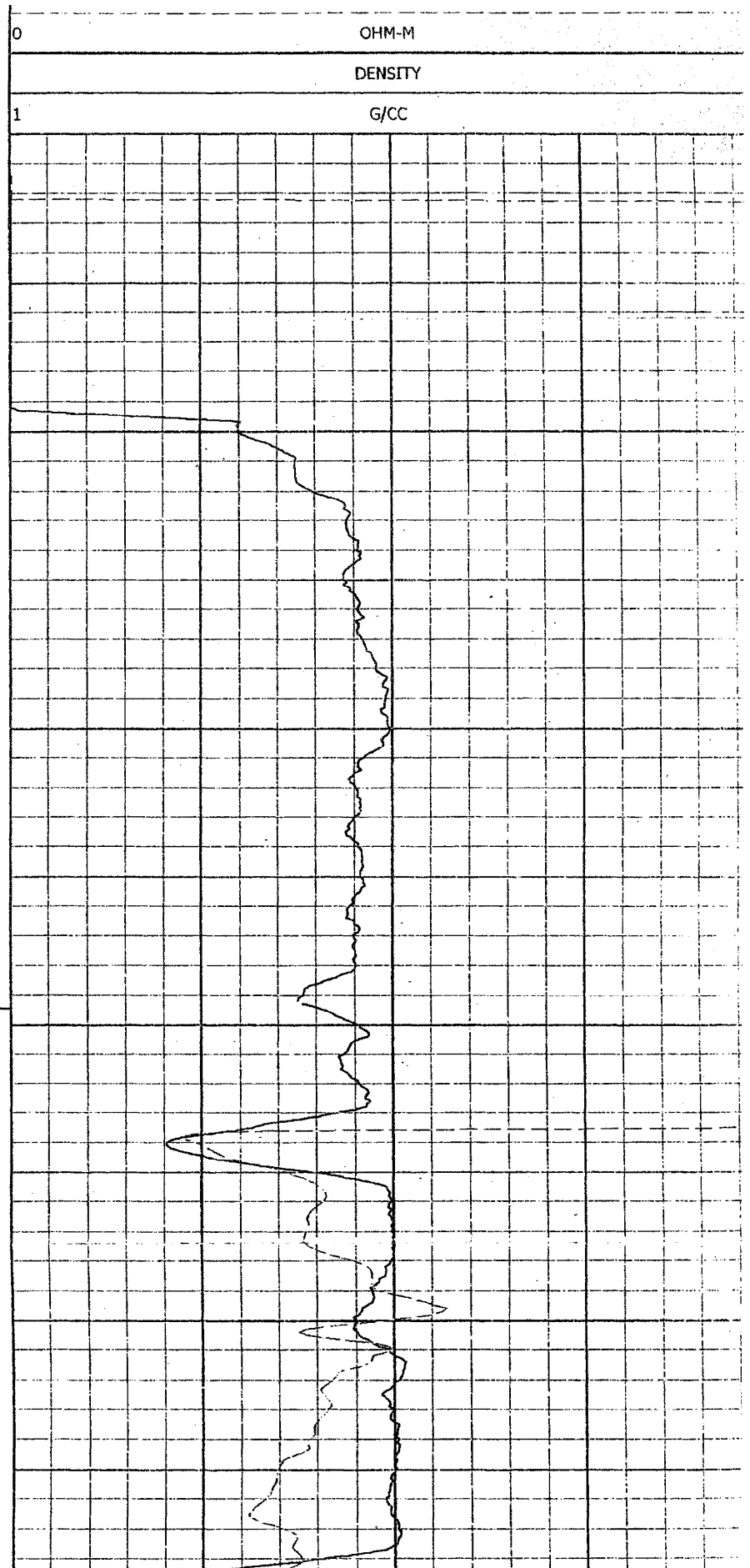
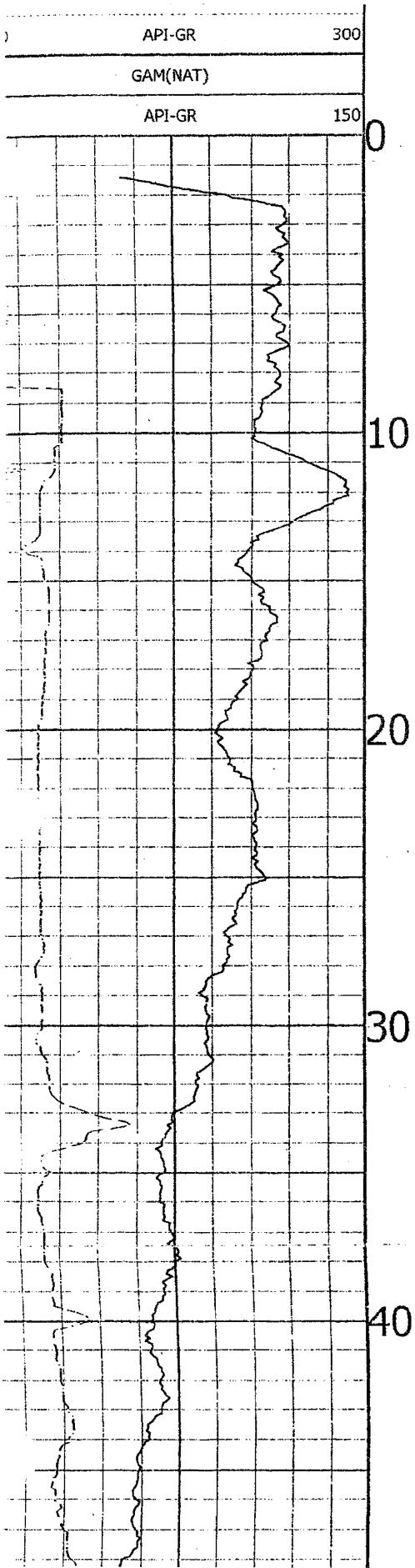
FILE : ORIGINAL
 TYPE : 9030AA

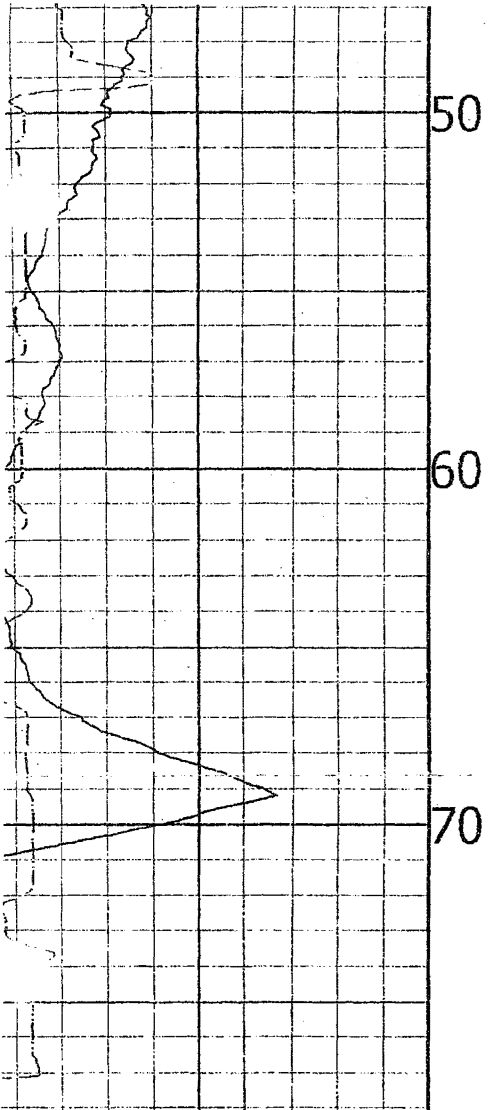
THRESH: 50000

PLUG HOLE
 SITE GEOL. W.PRUIT/CLARK FRITZ

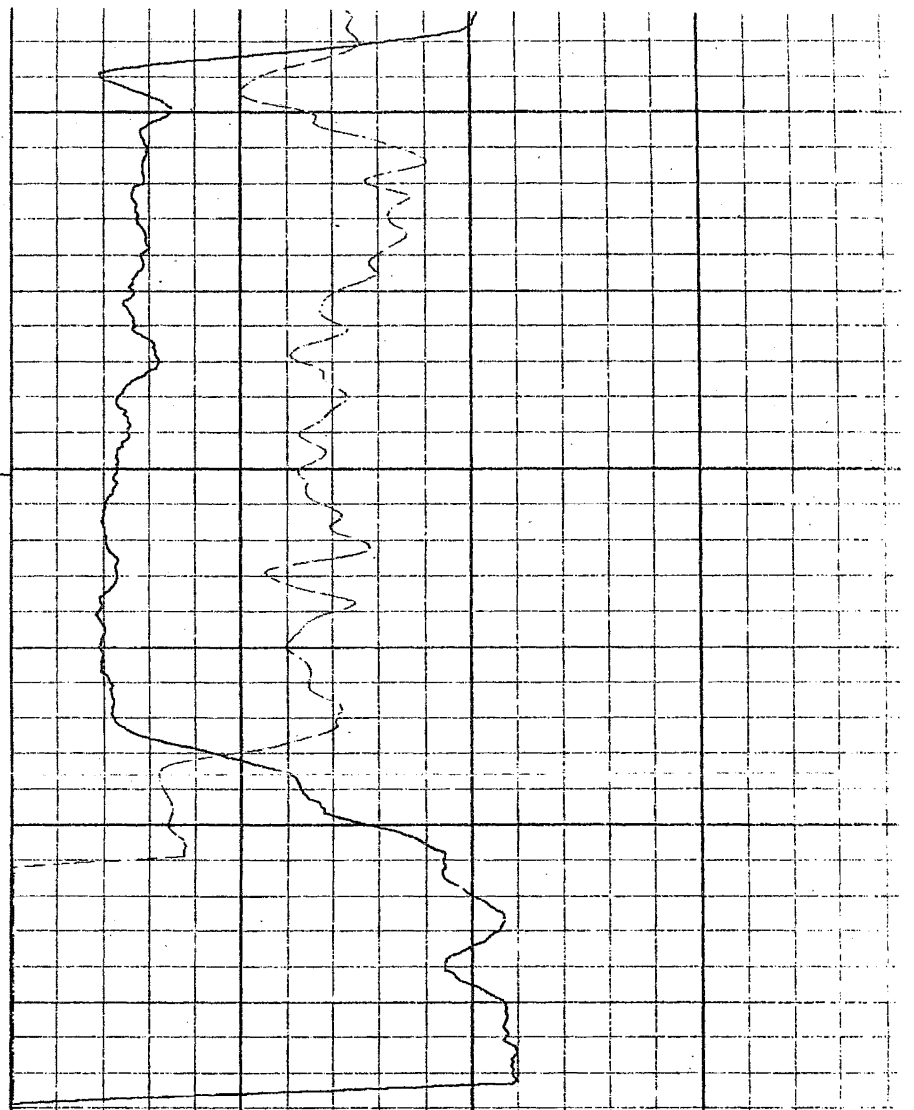
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER		FEET	RES(MG)	
INCH	14		GAM(NAT)	OHM-M
50	API-GR	300	0	



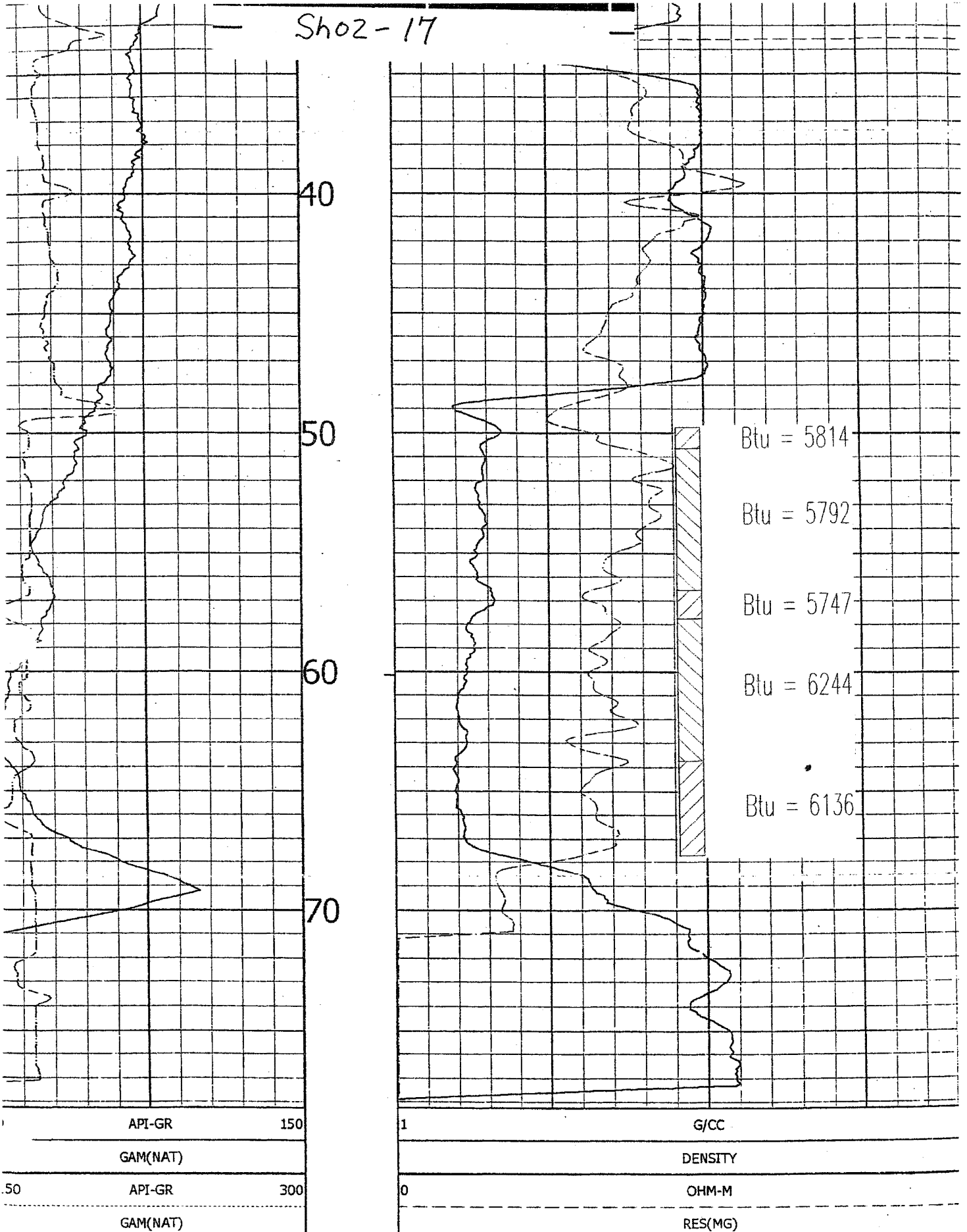


API-GR	150
GAM(NAT)	
API-GR	300
GAM(NAT)	
INCH	14
CALIPER	



1	G/CC
	DENSITY
0	OHM-M
	RES(MG)

Sho2-17





Century GEOPHYSICAL CORP.

SH-22P

COMPANY : KIEWITERGY
 WELL : SH-22P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 27

OTHER SERVICES:

TOWNSHIP : 139N RANGE : 98W

DATE : 03/06/02
 DEPTH DRILLER : 120
 LOG BOTTOM : 113.00
 LOG TOP : 1.50

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 CASING TYPE :
 CASING THICKNESS:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

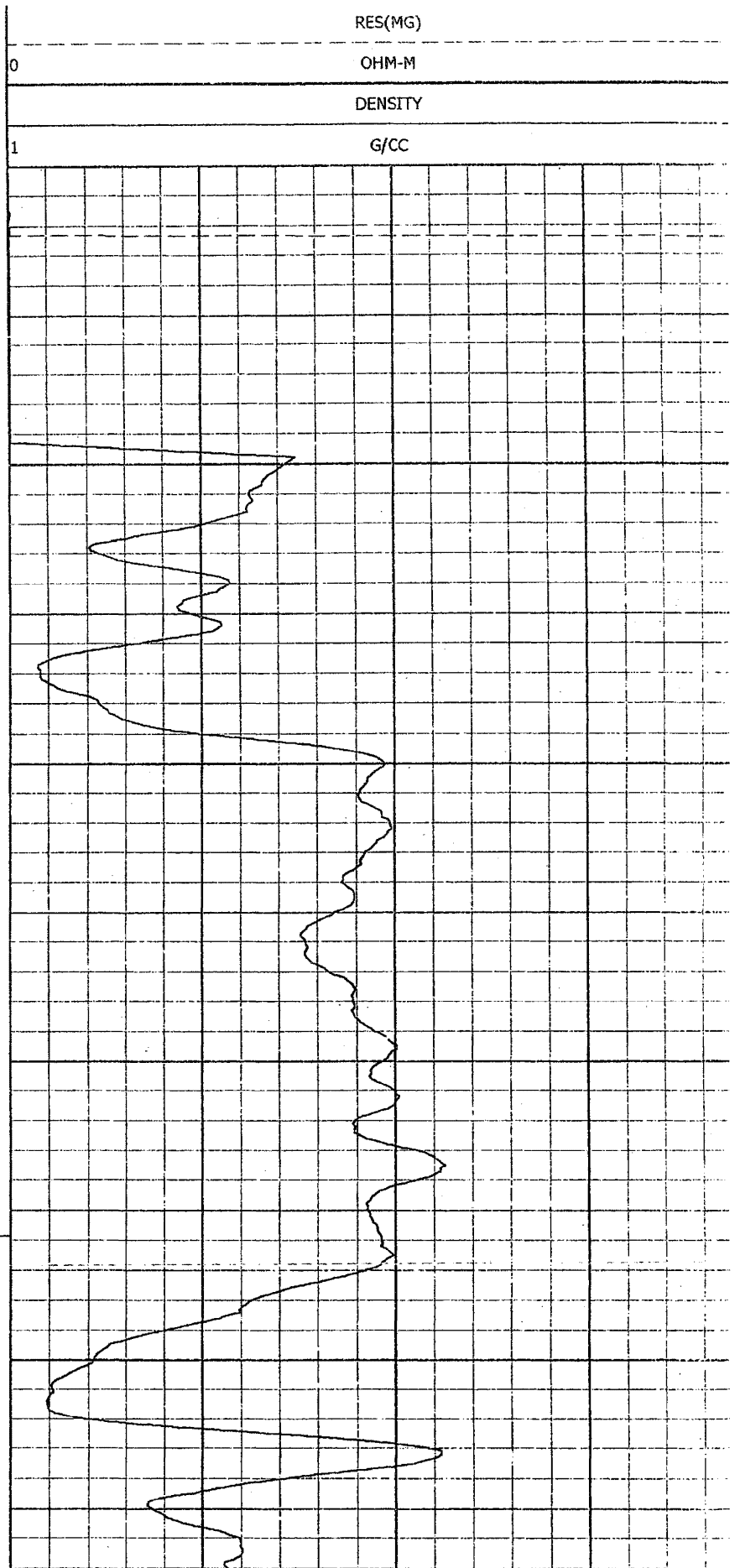
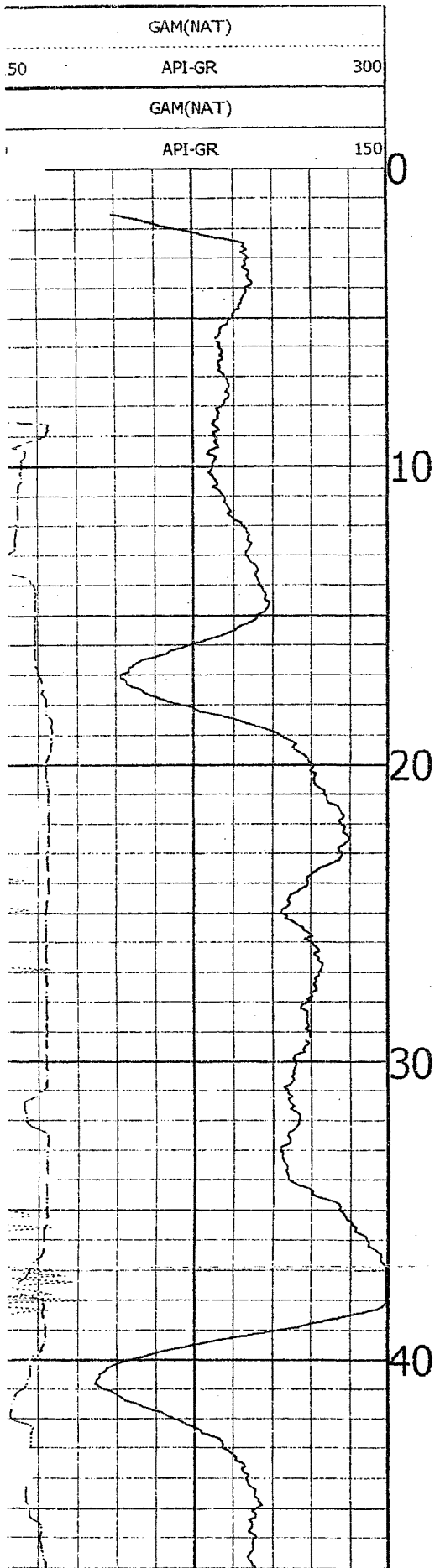
FILE : ORIGINAL
 TYPE : 6030AA

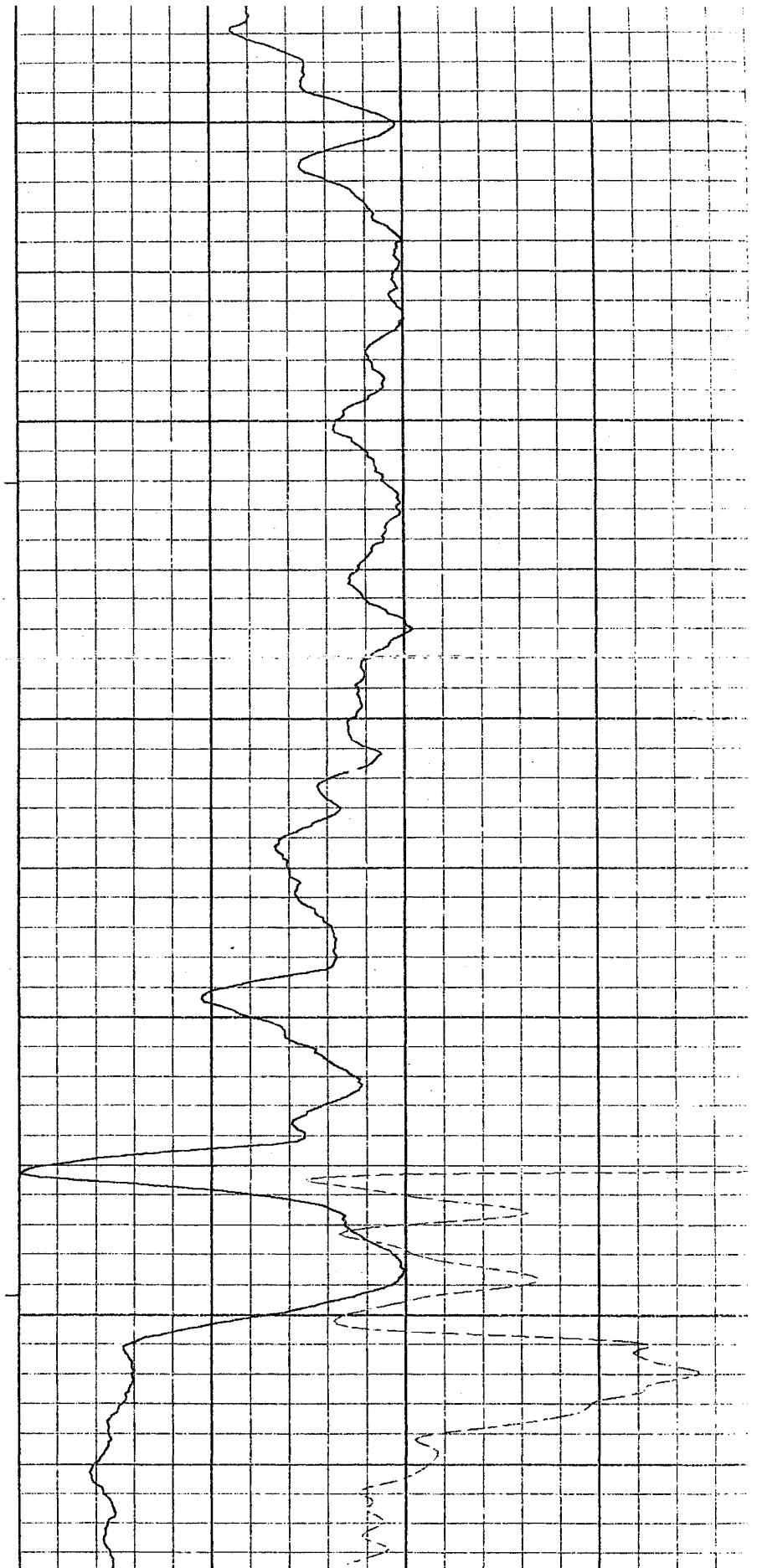
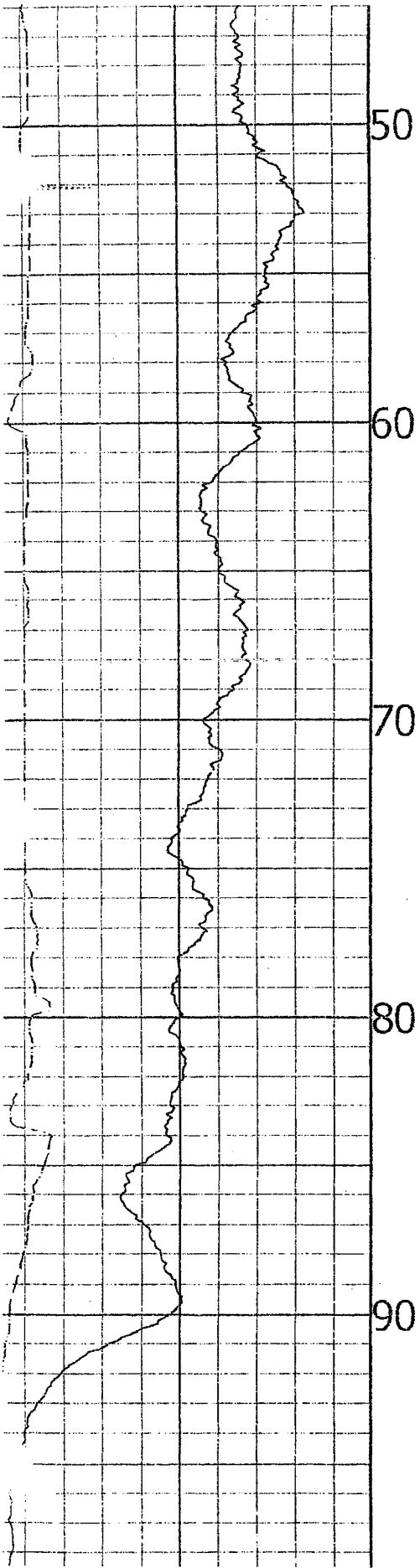
THRESH: 50000

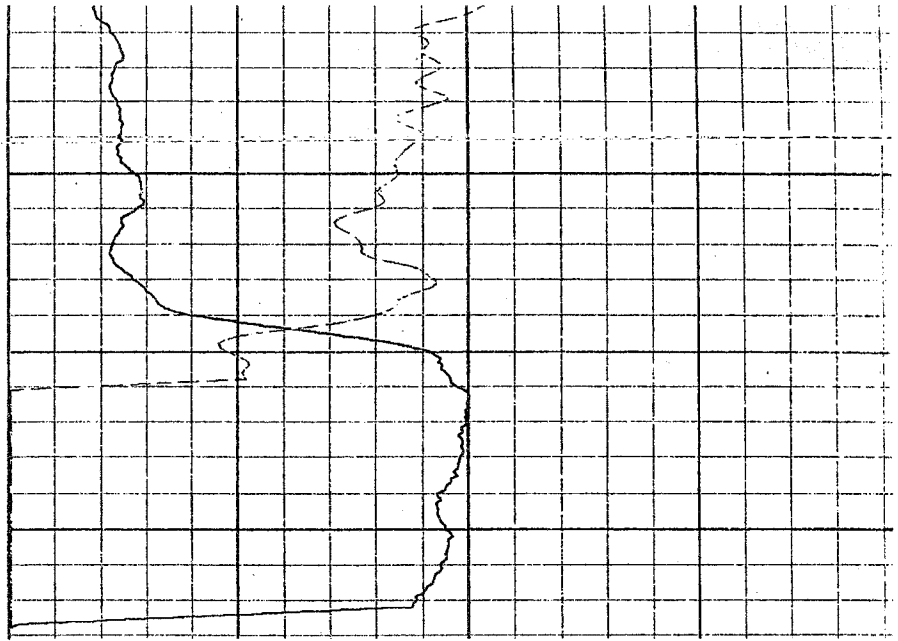
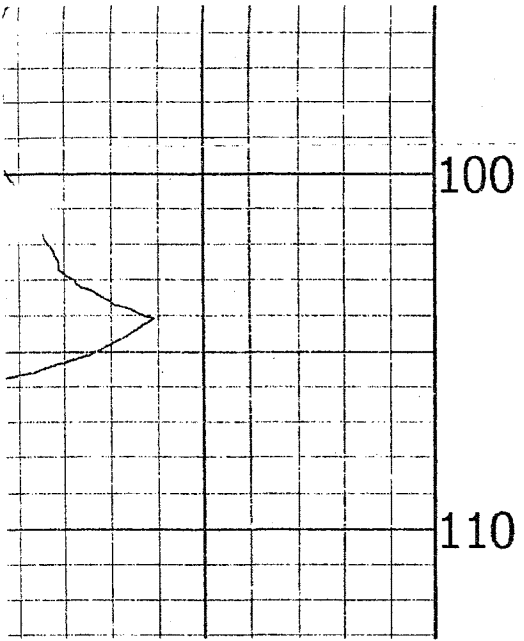
PLUG HOLE
 SITE GEOL. W. PRUIT/CLARK FRITZ

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

CALIPER	FEET	
INCH	14	
GAM(NAT)		RES(MG)







GAM(NAT)	
API-GR	300
GAM(NAT)	
INCH	14
CALIPER	

FEET

DENSITY
OHM-M
RES(MG)





Century GEOPHYSICAL CORP.

SH-23P

COMPANY : KIEWITERGY
 WELL : SH-23P
 LOCATION/FIELD : SOUTH HEART
 COUNTY : STARK
 STATE : ND
 SECTION : 27

OTHER SERVICES.

TOWNSHIP : 139N RANGE : 98W

DATE : 03/05/02
 DEPTH DRILLER : 140
 LOG BOTTOM : 139.80
 LOG TOP : 1.50

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : NA
 Casing Type :
 Casing Thickness:

LOGGING UNIT : 9706
 FIELD OFFICE : CGC-CASPER,
 RECORDED BY : G. KAUTZMAN

BIT SIZE : 4.75
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : WATER
 RM :
 RM TEMPERATURE :
 MATRIX DELTA T : 54

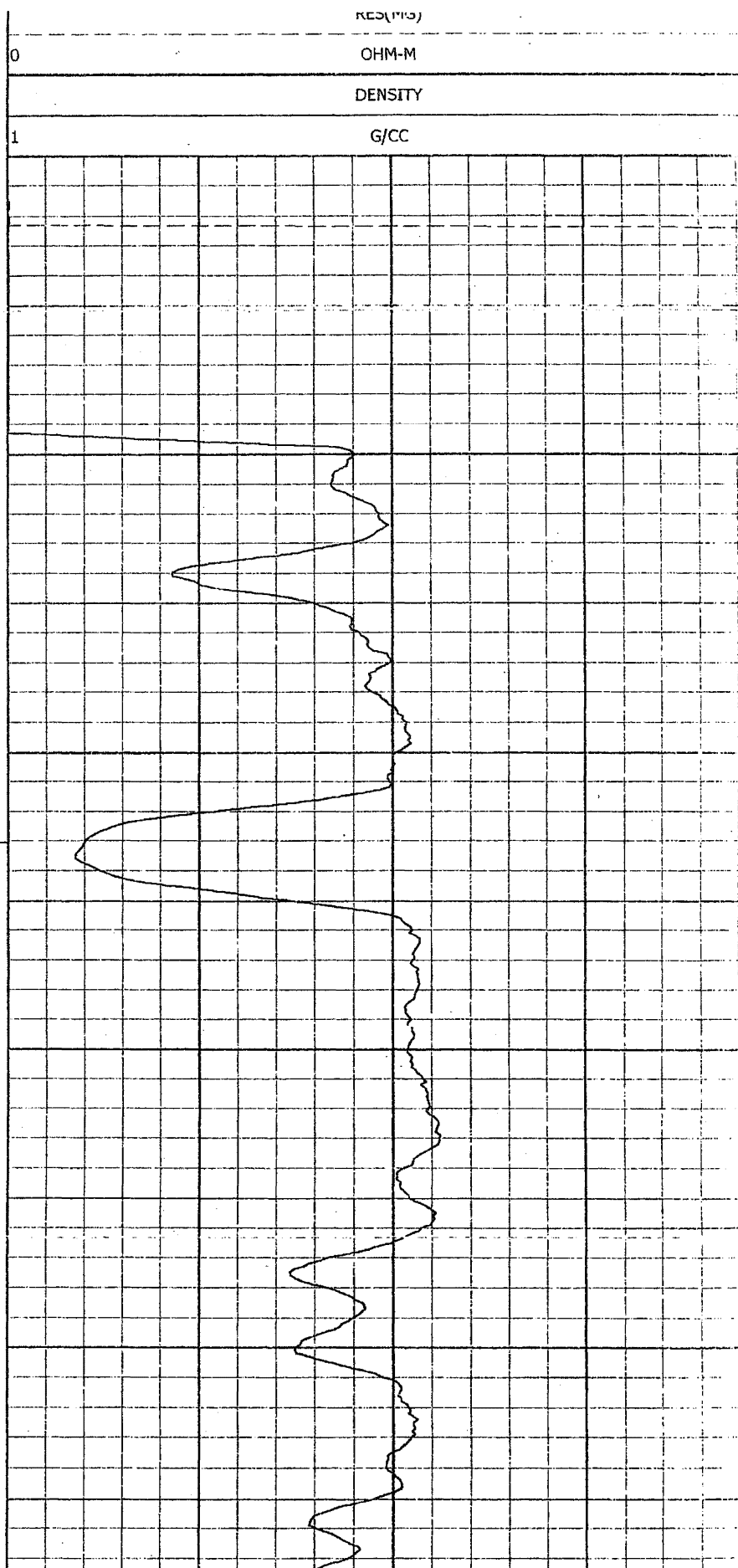
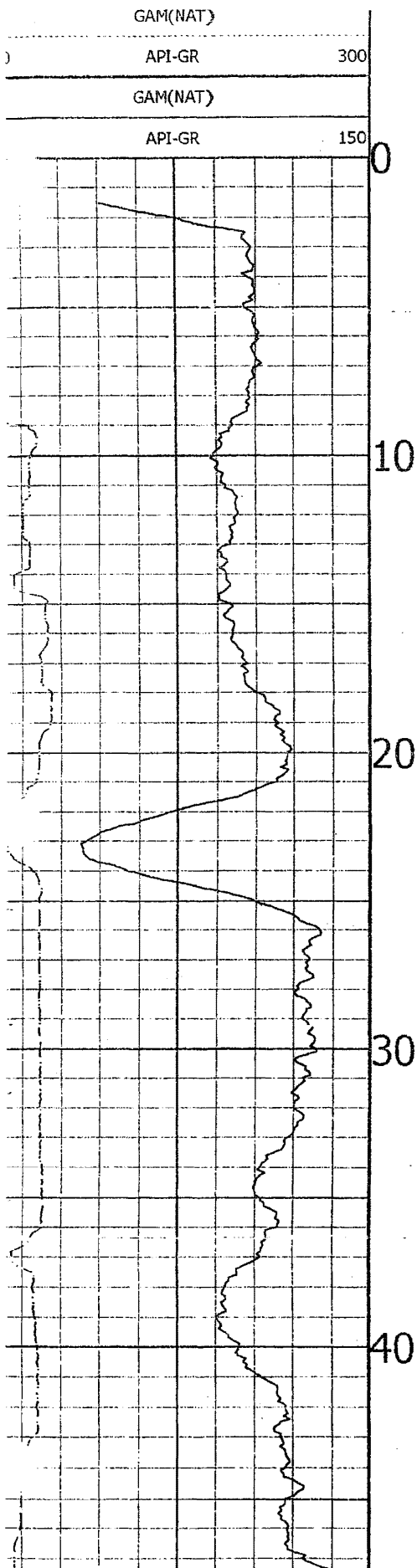
FILE : ORIGINAL
 TYPE : 9030AA

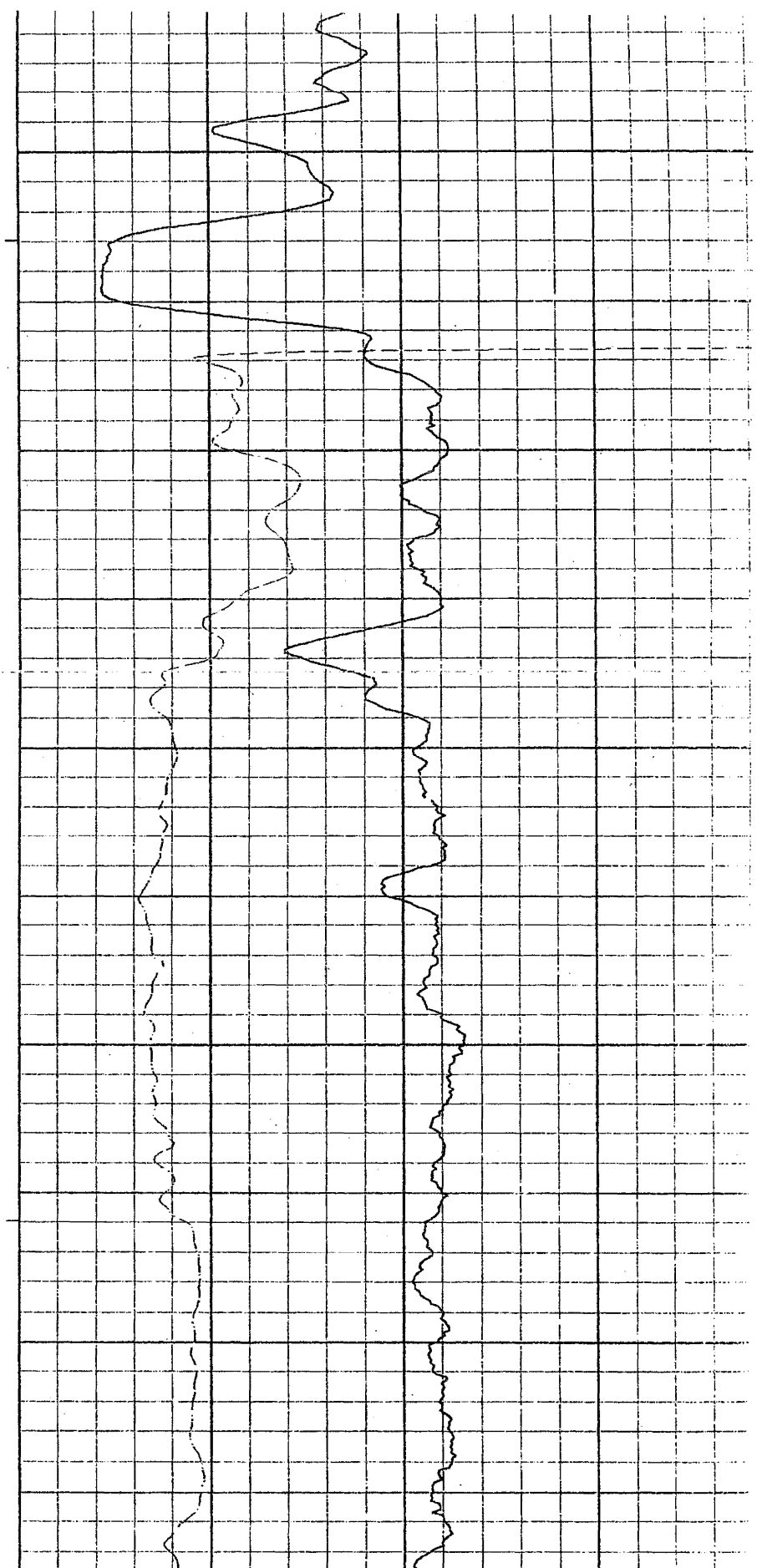
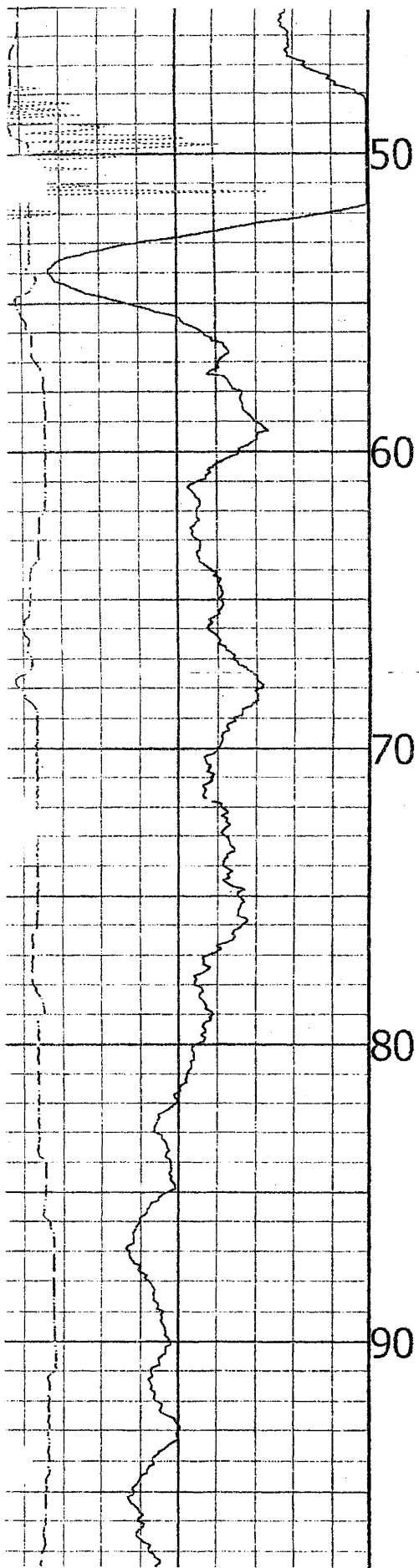
THRESH: 50000

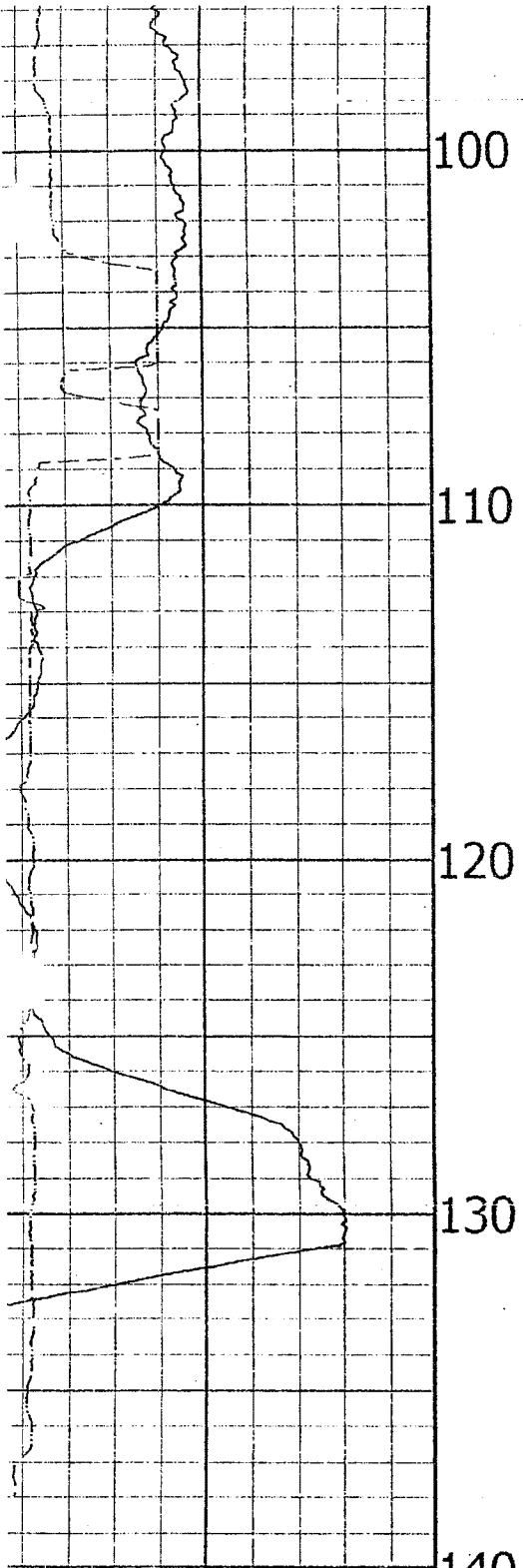
PLUG HOLE
 SITE GEOL. W. PRUIT/CLARK FRITZ

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

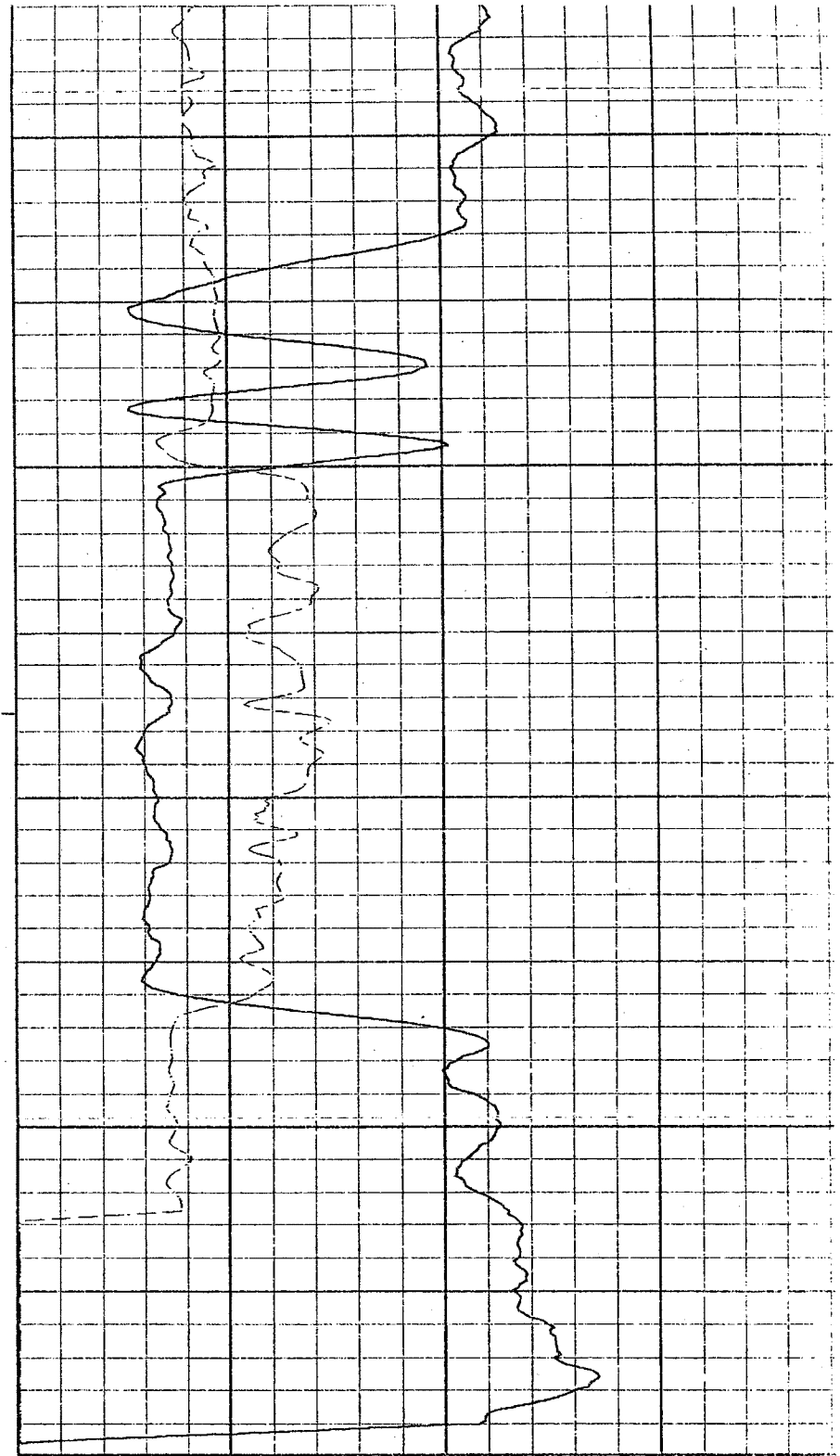
CALIPER	FEET	RES(MG)
INCH 14		
GAM(NAT)		







API-GR	150
GAM(NAT)	
API-GR	300
GAM(NAT)	
INCH	14
CALIPER	FEET



G/CC	1
DENSITY	
OHM-M	0
RES(MG)	