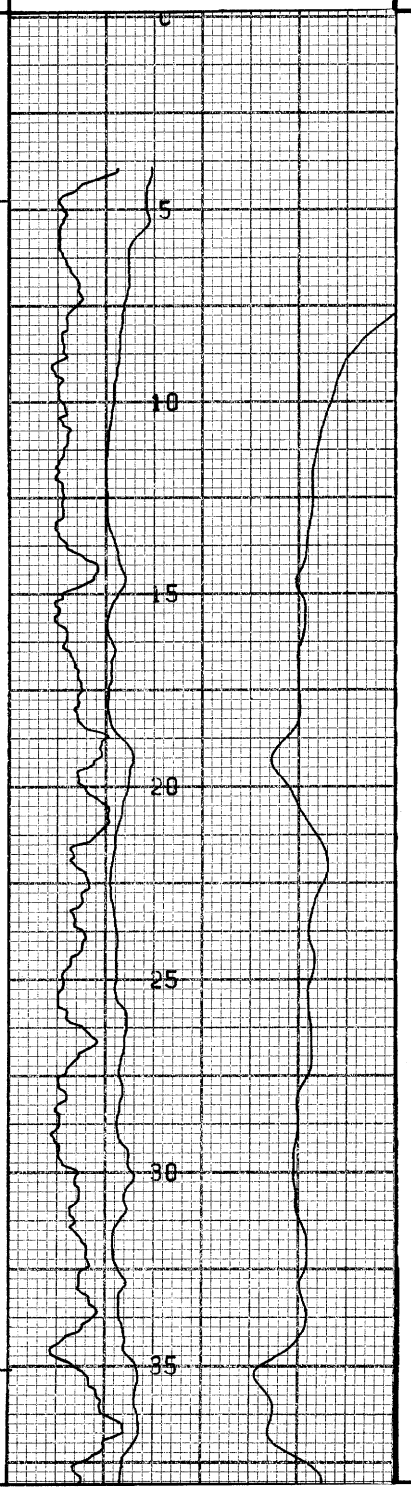
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-07

PROJECT	Virginia Beach Groundwater Development Project (Phase I)	SHT. NO. 1 OF 4
CLIENT	Betz Converse Murdoch, Inc.	PROJ. NO. 80-07203-01
CONTRACTOR	Warren George, Inc.	ELEVATION 10±

GROUND WATER				Boring	CAS.	SAMP.	CORE	TUBE	
DATE	TIME	DEPTH	CASING	TYPE	MUD	S.S.			DATUM Nat'l. Geodedic
				DIA.		2"			DATE START 2/27/81
				WT.		140#			DATE FINISH 2/28/81
				FALL		30"			DRILLER M. Kurzynowski
									CWDD REP. T. Stedman

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
2					Dark brown clayey fine Sand (ML)		
4					5.0'		
6							
8							
10							
12							
14							
16							
18					Gray silty fine Sand, intercalated layers of clayey Silt (SM)		
20							
22							
24							
26							
28							
30							
32							
34					35.0'		
36							
38							

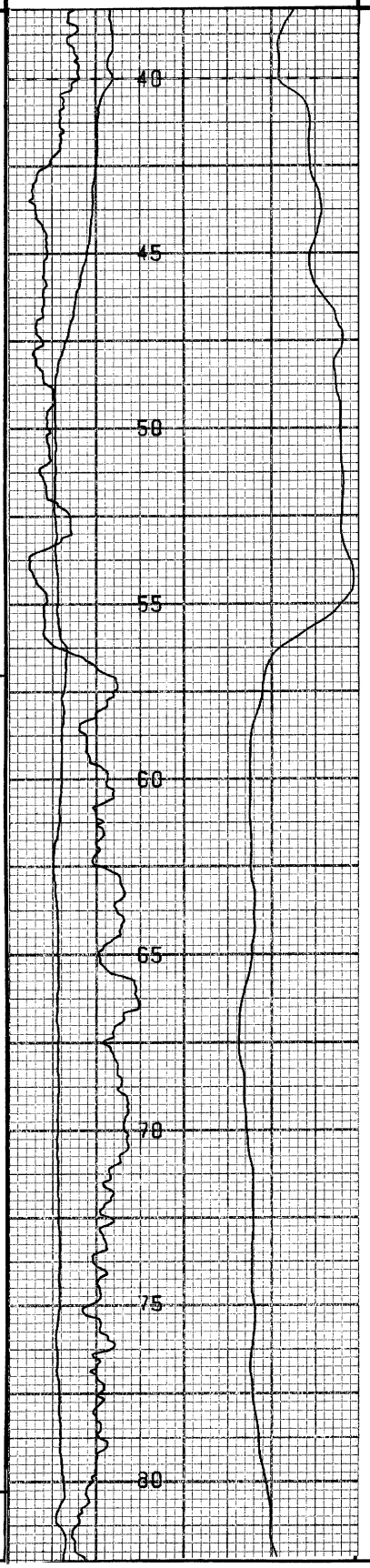


FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

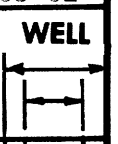
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-07
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 2 OF 4
CLIENT Betz Converse Murdoch, Inc.		PROJ. NO. 80-07203-01

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY
40					Light gray coarse to fine Sand, intercalated layers of sandy Silt (SW)
42					
44					
46					
48					
50					
52					
54					
56					57.0'
58					Dark gray clayey Silt, trace mica, little shells (MH)
60					
62					
64					
66					
68					
70					
72					
74					
76					
78					
80					80.0'
82					

E - LOG



WELL



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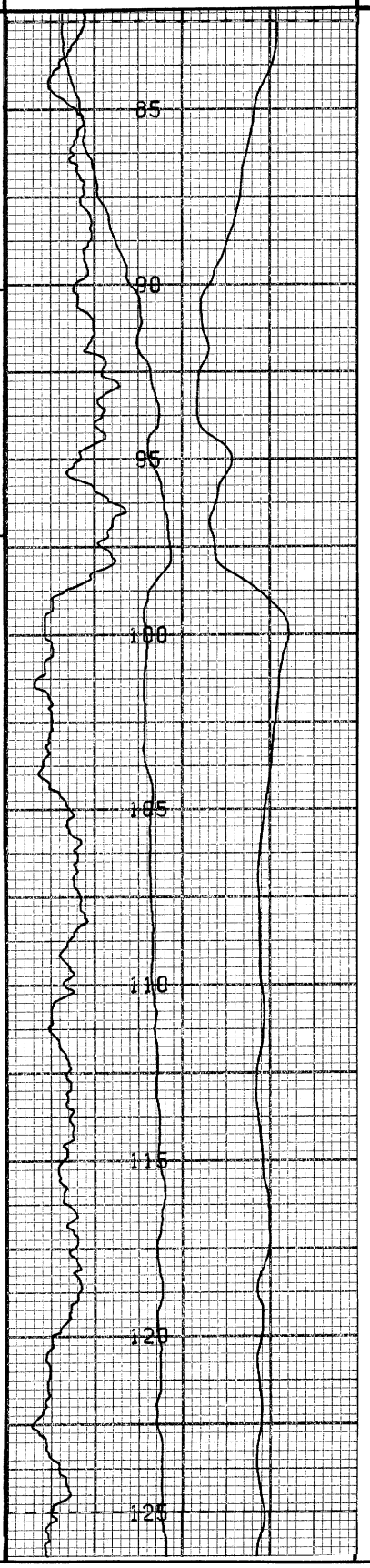
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-07
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 3 OF 4
CLIENT Betz Converse Murdoch, Inc.		PROJ. NO. 80-07230-01

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY
84					Greenish gray silty fine Sand, some shells (SM)
86					
88					
90					90.0'
92					Greenish gray clayey Silt, trace mica (MH)
94					
96					97.0'
98					Greenish gray silty fine to coarse Sand, intercalated layers of sandy Silt and clayey fine Sand, some shells (SM)
100					
102					
104					
106					
108					
110					
112					
114					
116					
118					
120					
122					
124					
126					

E - LOG

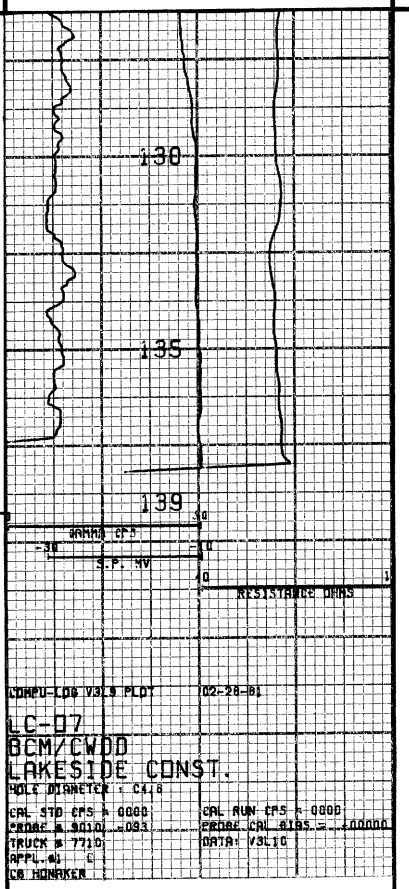


WELL

FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-07
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 4 OF 4
CLIENT Betz Converse Murdoch, Inc.		PROJ. NO. 80-07203-01

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
128							
130							
132							
134							
136							
138					139.0'		
140							



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CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

BOREHOLE	DATE
LC-07	28 FEB 81
UNIT/OPERATOR	**FIELD OFFICE**
7710/HONAKER	LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: LC-07

AREA: LAKESIDE CONST

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

HOLE DATA

TOTAL DEPTH — DRILLER	140'	BIT SIZE	4 3/4"
TOTAL DEPTH — LOGGER	139'	CASING — TYPE & SIZE	NA
TOTAL FOOTAGE LOGGED	139'	CASING DEPTH	NA
LOGGING SPEED	30 FT/MIN	BOREHOLE FLUID	HOH
REFERENCE LEVEL	GL	FLUID RESISTIVITY	32.4 @62°F
PROBE NO.	9010-093	SOFTWARE LEVEL	V3L10
TIME IN: 1130		SCALE SELECTION	☒ OPERATOR ☐ CLIENT
TIME OUT: 1154		TP 13-TK3	

REMARKS:

EQUIPMENT DATA

		9010	9030	9050/55	9060
PROBE MODEL		9010	9030	9050/55	9060
PROBE DIAMETER		1.87"	2.0"	1.87"	1.4"
NATURAL GAMMA	DETECTOR TYPE	NaI	NaI	NaI	NaI
	DETECTOR SIZE	.875" x 1.25"	1.125" x 4.5"	.875" x 4.0"	.5" x 3.0"
	STD. K-FACTOR	1.59×10^{-5}	—	$.558 \times 10^{-5}$	1.62×10^{-5}
	STD. DEADTIME	1 μsec	—	1.18 μsec	1 μsec
	CALIB. MODEL LOC.		—		
	CALIB DATE		—		
	K-FACTOR x 10^{-5}		—		
	DEADTIME μsec		—		
	TEST READING		—		
	WATER FACTOR		—		
	CASING FACTOR		—		
DENSITY	DETECTOR TYPE	—	NaI	—	NaI
	DETECTOR SIZE	—	.5" x 1.5"	—	.5" x 3.0"
	SOURCE TYPE	—	Cs^{137}	—	Cs^{137}
	SOURCE NO.	—		—	
	SOURCE STRENGTH	—		—	
	SOURCE SPACING	—		—	
NEUTRON	DETECTOR TYPE	—	—	He^3	—
	DETECTOR SIZE	—	—	1.0" x 6.0"	—
	SOURCE TYPE	—	—	AmBe	—
	SOURCE NO.	—	—		—
	SOURCE STRENGTH	—	—		—
	SOURCE SPACING	—	—		—
SNGL. PT RESISTANCE		1.4"D x 2.5"L	—	1.4"D x 2.5"L	1.1"D x 2.5"L
RESISTIVITY		—	6" FOCUSED	—	—
SELF POTENTIAL		YES	—	YES	YES
TEMPERATURE		—	—	YES	—
DEVIATION		—	—	NO / YES	—
CALIPER		—	YES	—	—

CT-112 REV. 2/11/80

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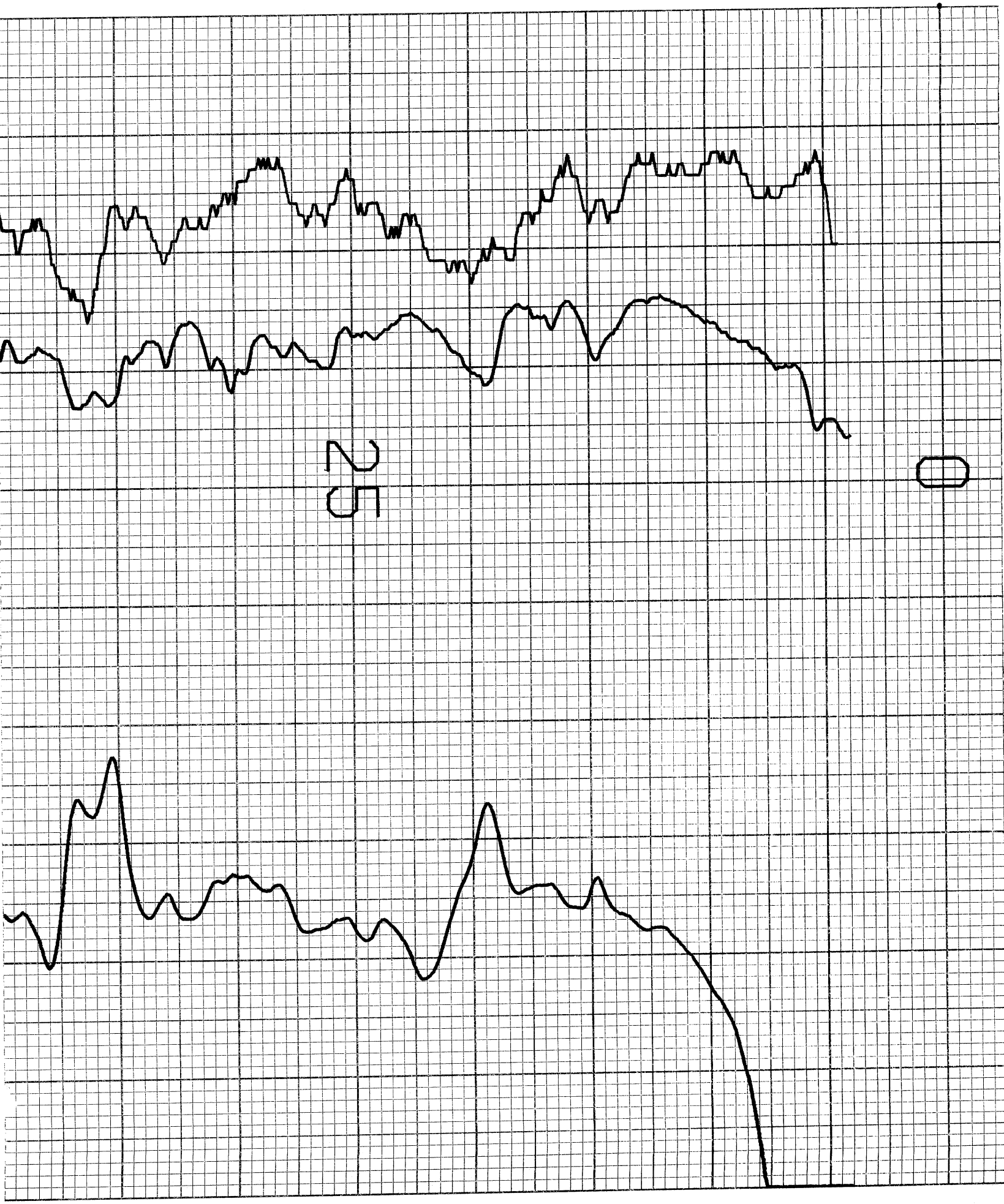

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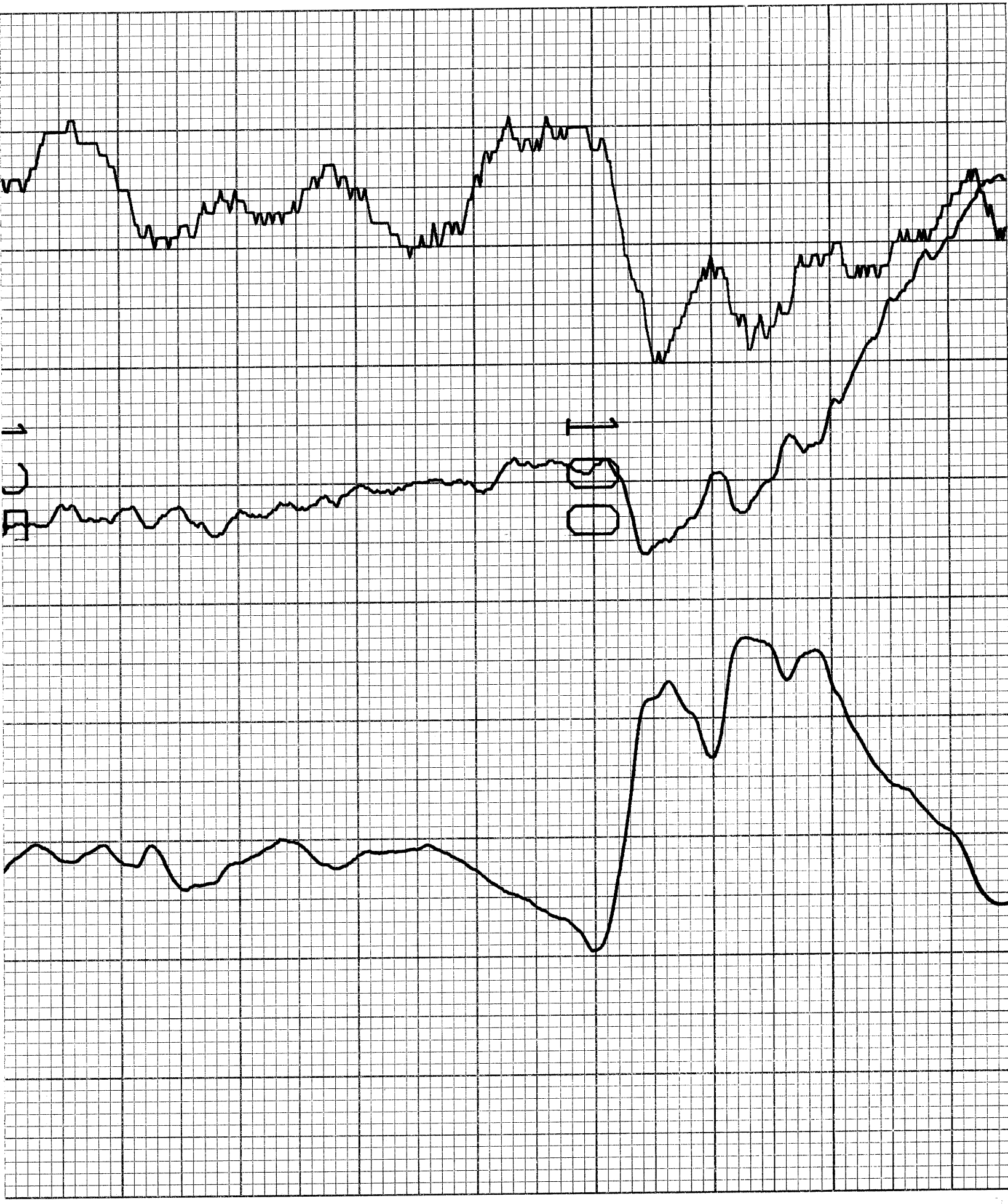

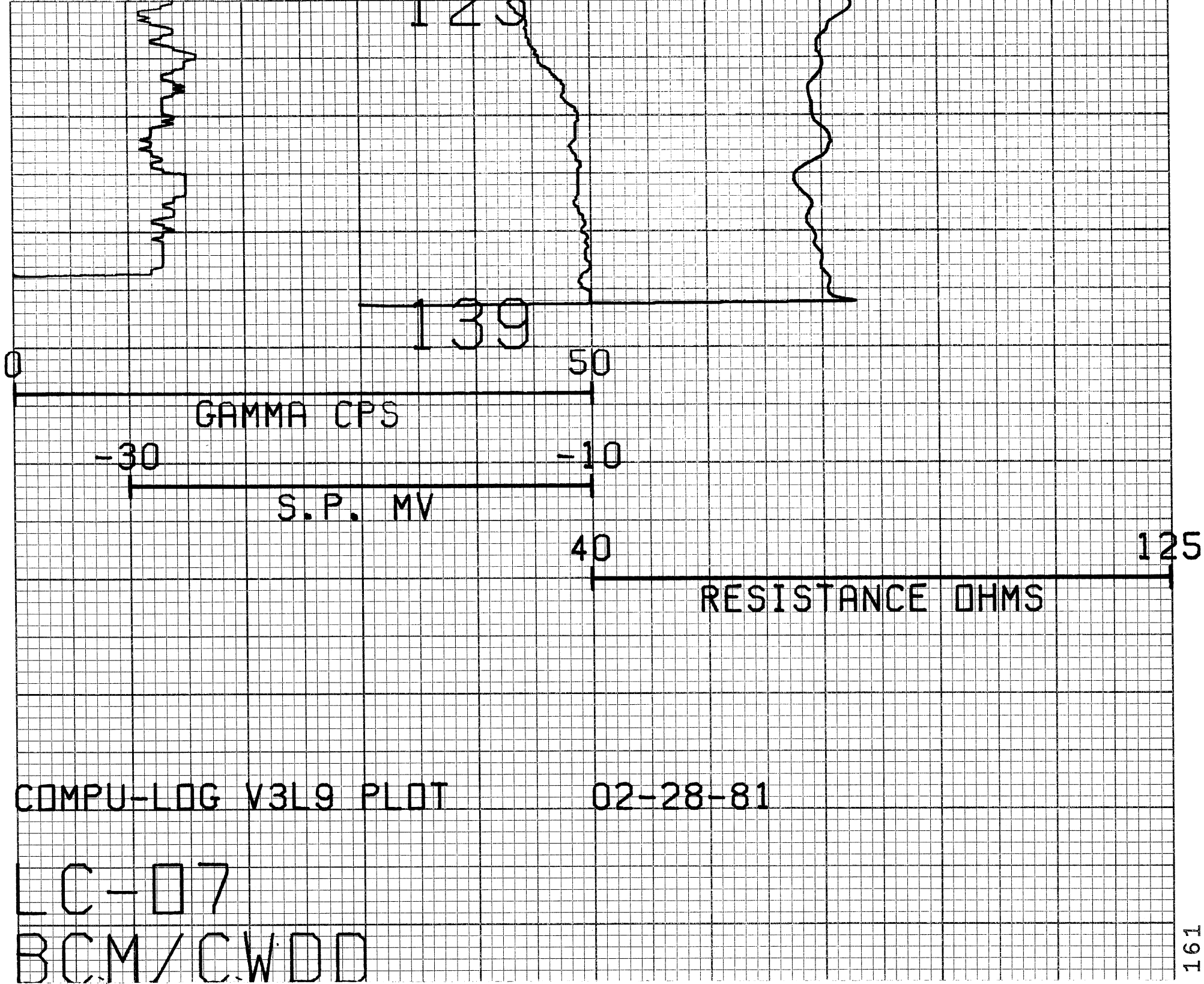

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LAKESIDE CONST.

HOLE DIAMETER : 04.8

CAL STD CPS = 0000

CAL RUN CPS = 0000

PROBE # 9010 -093

PROBE CAL BIAS = +00000

TRUCK # 7710

DATA: V3L10

APPL. #1 E

CB HONAKER

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