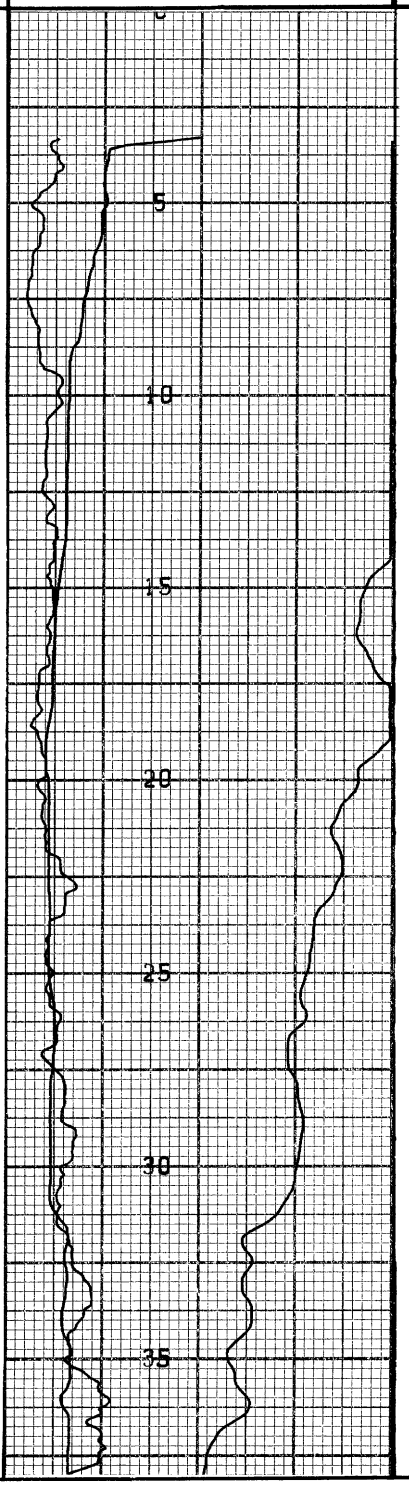
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-09

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 12±
GROUND WATER				Boring	CAS.	SAMP.	CORE	TUBE	DATUM Nat'l. Geodedic
DATE	TIME	DEPTH	CASING	TYPE	MUD	S.S.			DATE START 2/25/81
		6.25		DIA.		2"			DATE FINISH 2/27/81
				WT.		140#			DRILLER E. Tomkins
				FALL		30"			CWDD REP. R. Badone

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
2					No samples taken Interpretation of E-log only		
4							
6							
8							
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
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.

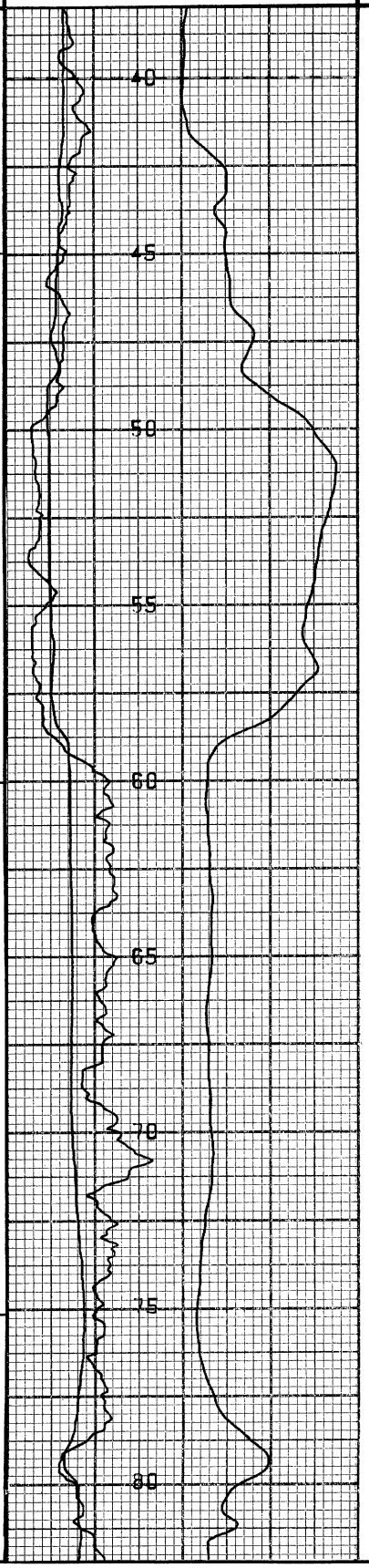
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-09
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 2 OF 4
CLIENT Betz Converse Murdoch, Inc.		PROJ. NO. 80-07203-01

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

45.0'

60.0'

75.0'



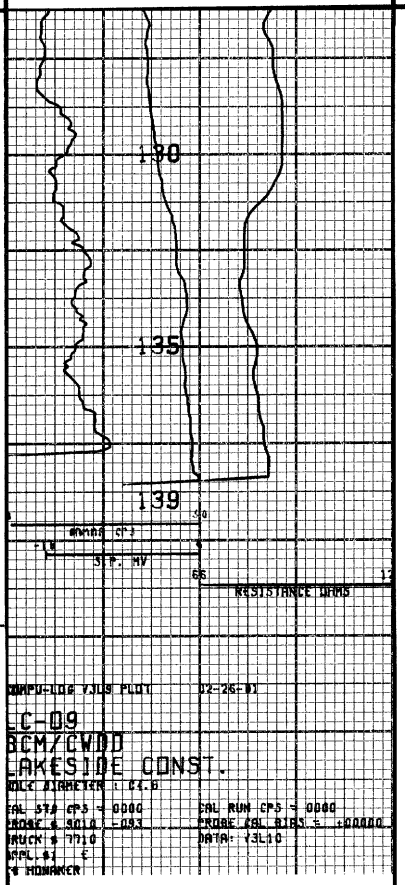
FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. LC-09
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 3 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
84					Greenish gray silty medium to fine Sand, little shells, intercalated layers of sandy Silt and sandy Clay (SM)	85	
86							
88							
90						90	
92							
94							
96						95	
98							
100						100	
102							
104							
106						105	
108							
110						110	
112							
114							
116						115	
118							
120						120	
122					122.0'		
124							
126						125	

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-09
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 4 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	E - LOG	WELL
128					Gray silty fine to medium Sand, little shells (SP)		
130							
132							
134							
136							
138							
140							
142					142.0'		

CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

BOREHOLE	DATE
LC-09	26 FEB 81
UNIT/OPERATOR	**FIELD OFFICE**
7710/HONAKER	LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: LC-09

AREA: LAKESIDE CONST

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

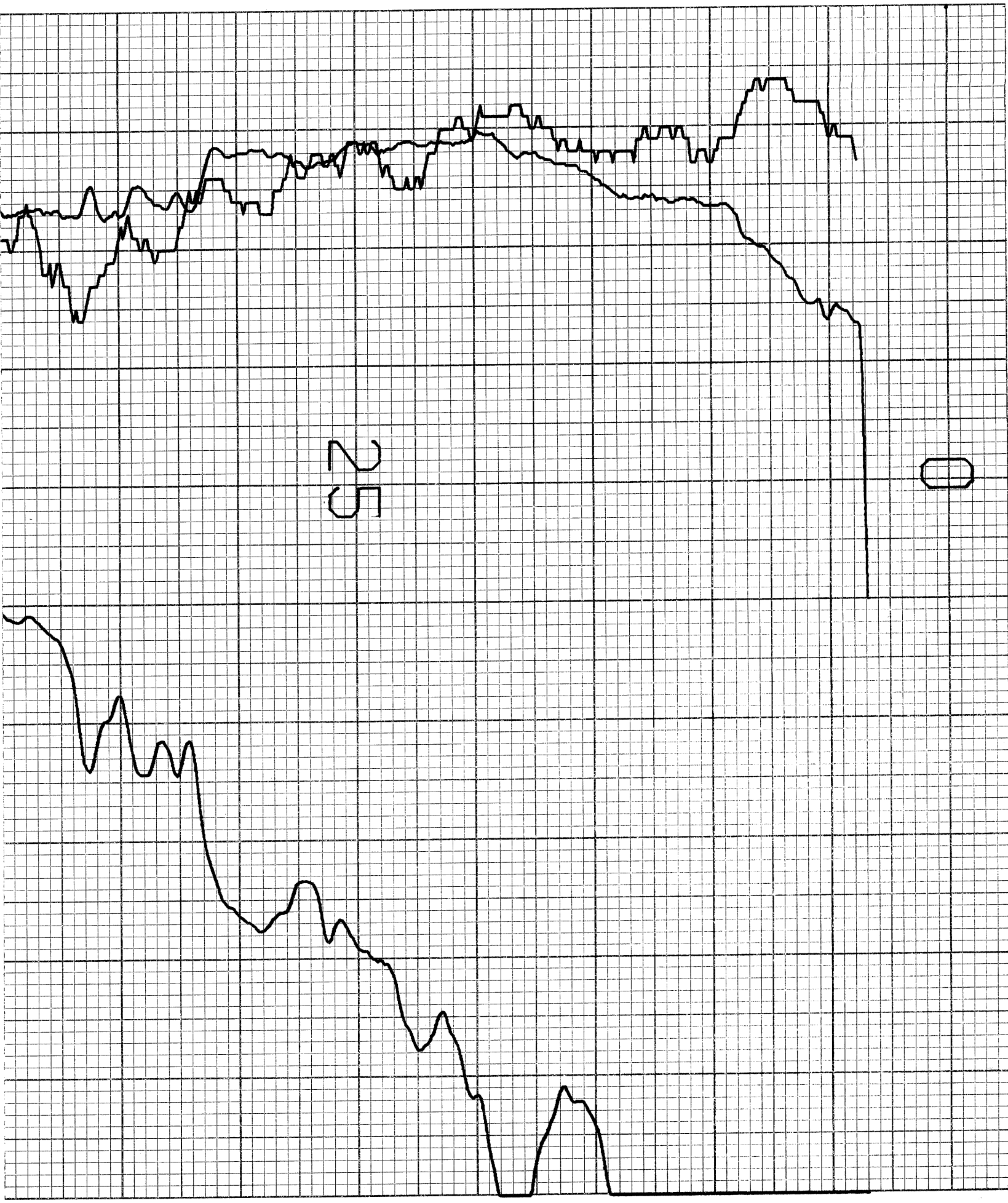
HOLE DATA

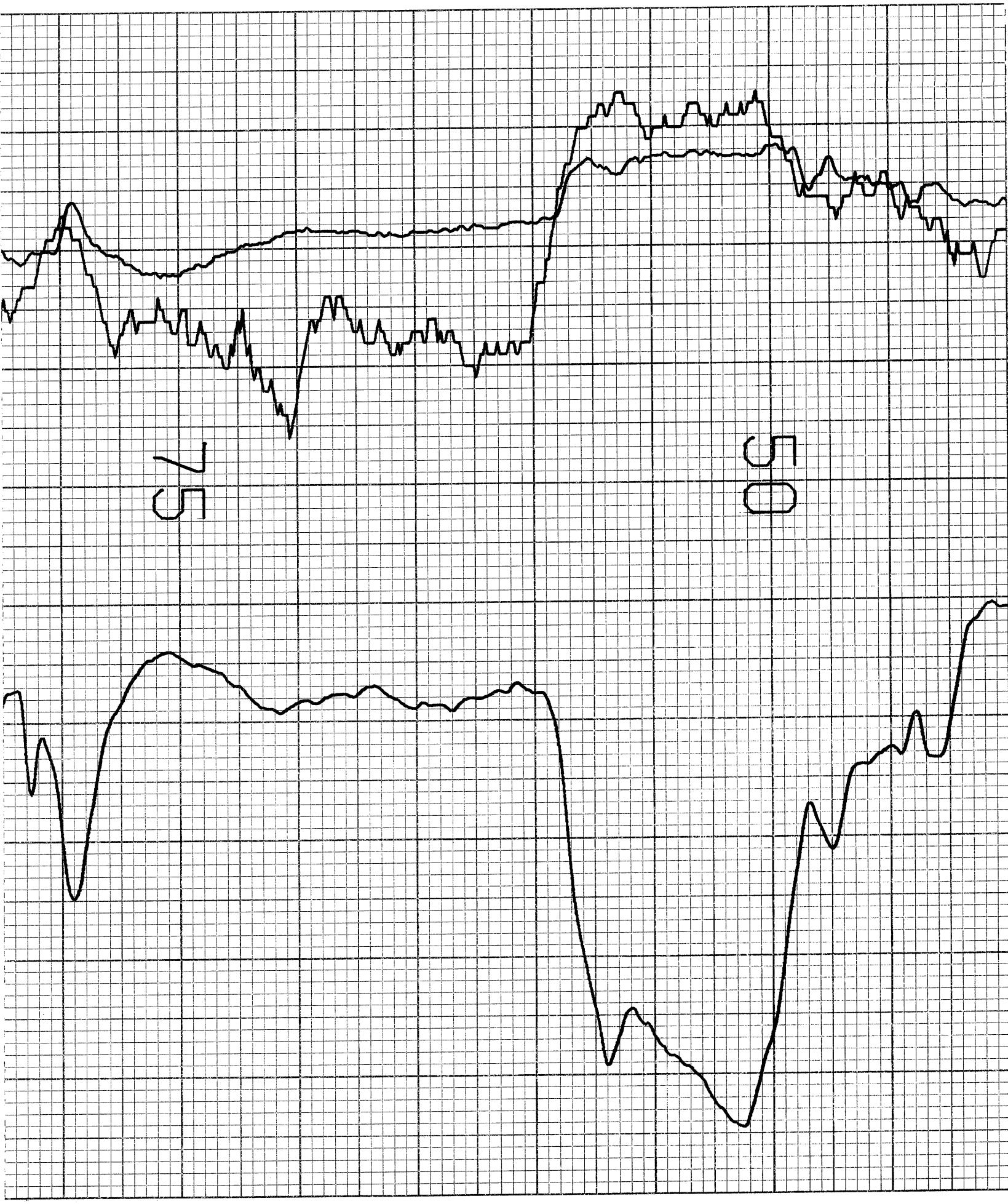
TOTAL DEPTH — DRILLER	: 140'	BIT SIZE	: 4¾"
TOTAL DEPTH — LOGGER	: 139'	CASING — TYPE & SIZE	: NA
TOTAL FOOTAGE LOGGED	: 139'	CASING DEPTH	: NA
LOGGING SPEED	: 30 FT/MIN	BOREHOLE FLUID	: HOH
REFERENCE LEVEL	: GL	FLUID RESISTIVITY	: 18.8 @54°F
PROBE NO.	: 9010-093	SOFTWARE LEVEL	: V3L10
TIME IN: 1524		SCALE SELECTION	: ☒ OPERATOR ☐ CLIENT
TIME OUT: 1534		TP 13-TK1	

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	—	—





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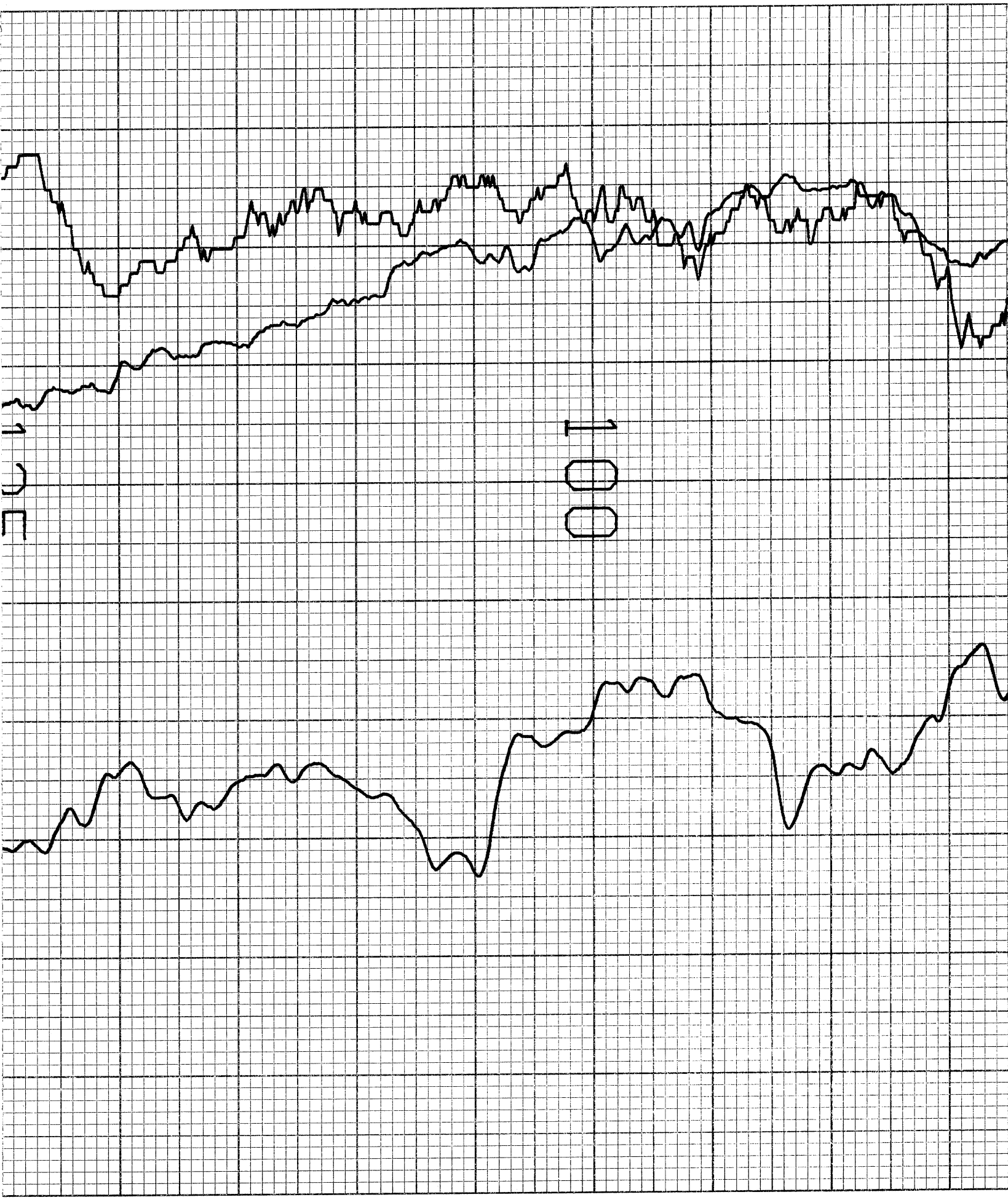

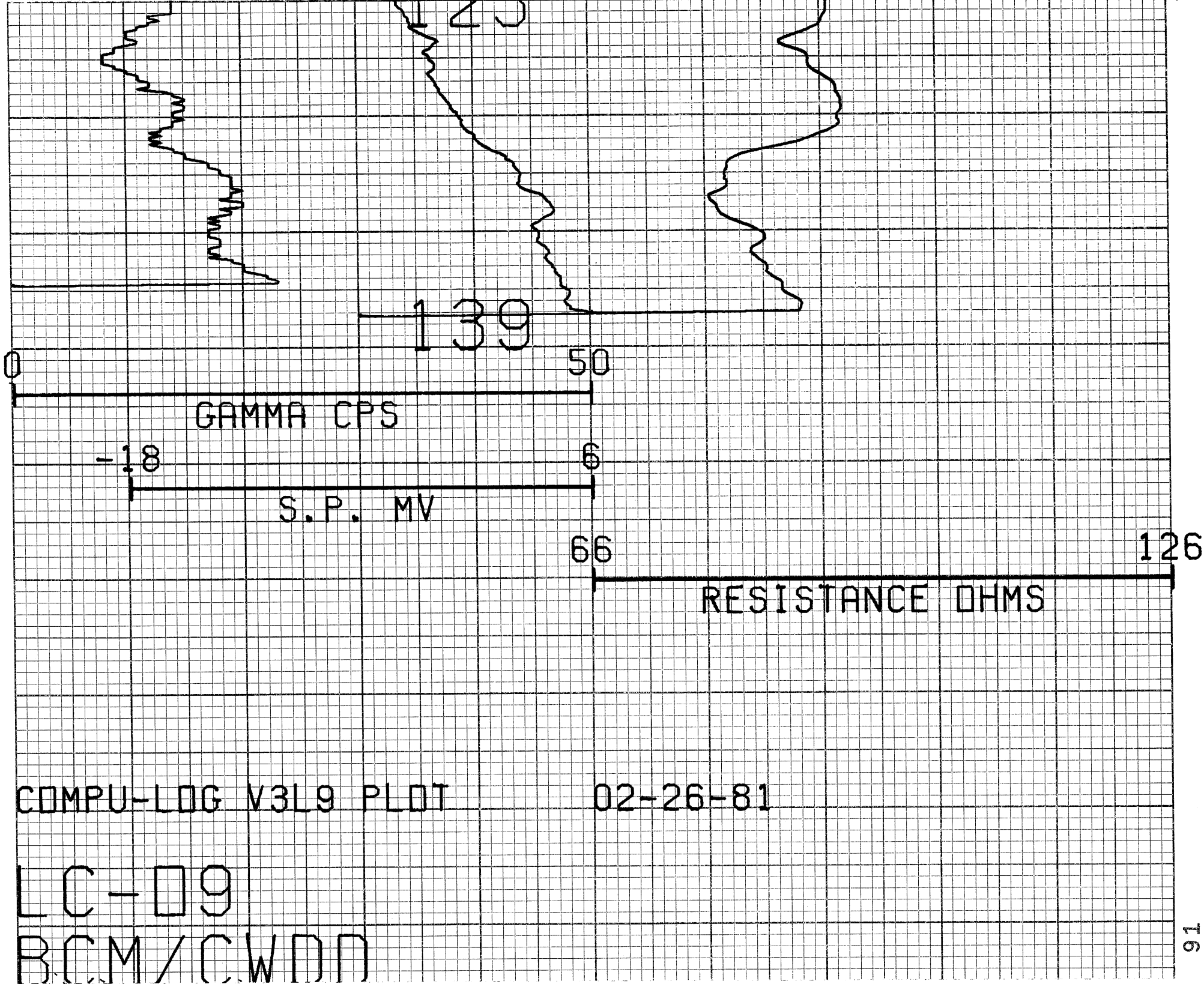

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LAKESIDE CONST.

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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