Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. OII-05

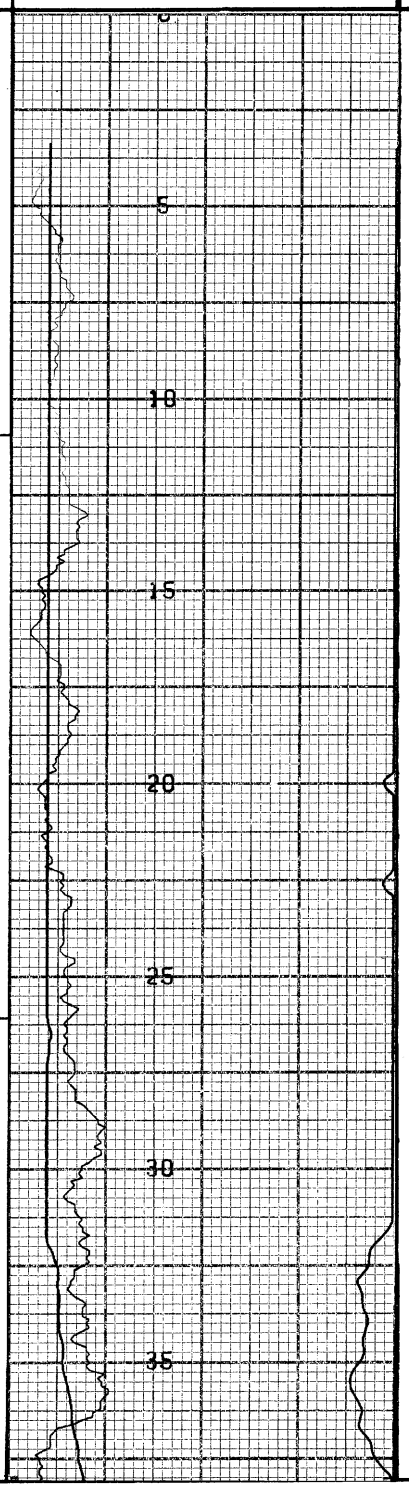
PROJECT	Virginia Beach Groundwater Development Project (Phase I)	SHT. NO. 1 OF 3	
CLIENT	Betz Converse Murdoch, Inc.	PROJ. NO.	80-07203-01
CONTRACTOR	A. C. Schultes and Sons, Inc.	ELEVATION	17.2
GROUND WATER		DATUM	City of V.B.
DATE START	1/25/81		
DATE FINISH	1/26/81		
DRILLER	J. Kramer		
CWDD REP.	L. Rosovsky		

DATE	TIME	DEPTH	CASING
		5.75	

Boring	CAS.	SAMP.	CORE	TUBE
TYPE	MUD	S.S.		
DIA.		2"		
WT.		140#		
FALL		30"		

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY
2, 4, 6, 8, 10					Brown sandy Silt (ML) — 11.0'
12, 14, 16, 18, 20, 22, 24, 26					Gray silty fine to medium Sand (SP) — 26.0'
28, 30, 32, 34, 36, 38					Gray sandy Clay (CL)

E - LOG

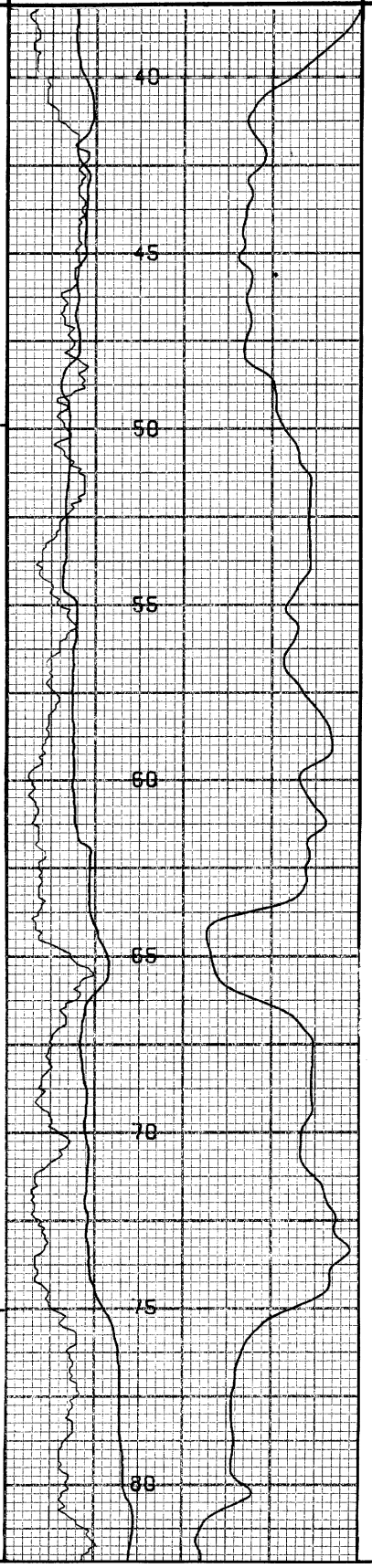


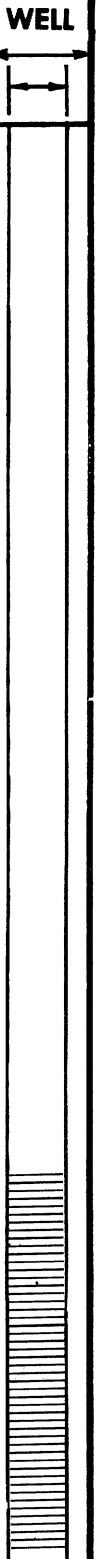
WELL

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. OII-05
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 2 OF 3
CLIENT Betz Converse Murdoch, Inc.		PROJ. NO. 80-07203-01

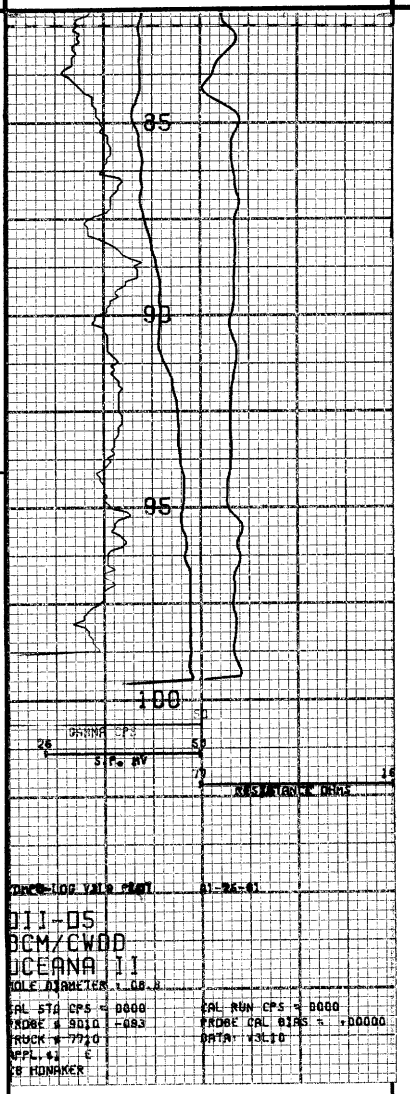
DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
40						40	
42							
44							
46						45	
48							
50					50.0'	50	
52							
54							
56						55	
58							
60					Greenish gray fine to medium Sand, silty upward, little shells, trace organic, intercalated layers of sandy Clay (SP)	60	
62							
64							
66						65	
68							
70						70	
72							
74					75.0'		
76						75	
78							
80						80	
82							





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. OII-05
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 3 OF 3
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					Grayish blue sandy Clay, trace mica (CL)		
86							
88							
90							
92							
94					94.0'		

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

CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

BOREHOLE	DATE
OII-05	25 JAN 81
UNIT/OPERATOR	**FIELD OFFICE**
7710/HONAKER	LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: OII-05

AREA: OCEANA II

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

HOLE DATA

TOTAL DEPTH — DRILLER	102'	BIT SIZE	8 3/4"
TOTAL DEPTH — LOGGER	100'	CASING — TYPE & SIZE	NA
TOTAL FOOTAGE LOGGED	100'	CASING DEPTH	NA
LOGGING SPEED	30 FT/MIN	BOREHOLE FLUID	HOH
REFERENCE LEVEL	GL	FLUID RESISTIVITY	___ @ ___°F
PROBE NO.	9010-093	SOFTWARE LEVEL	V3L10
TIME IN: 1124		SCALE SELECTION	☒ OPERATOR ☒ CLIENT
TIME OUT: 1148		TP 1-TK3	

REMARKS:

EQUIPMENT DATA

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	—	—

CENTURY GEOPHYSICAL CORP. PART NO. 786-0022

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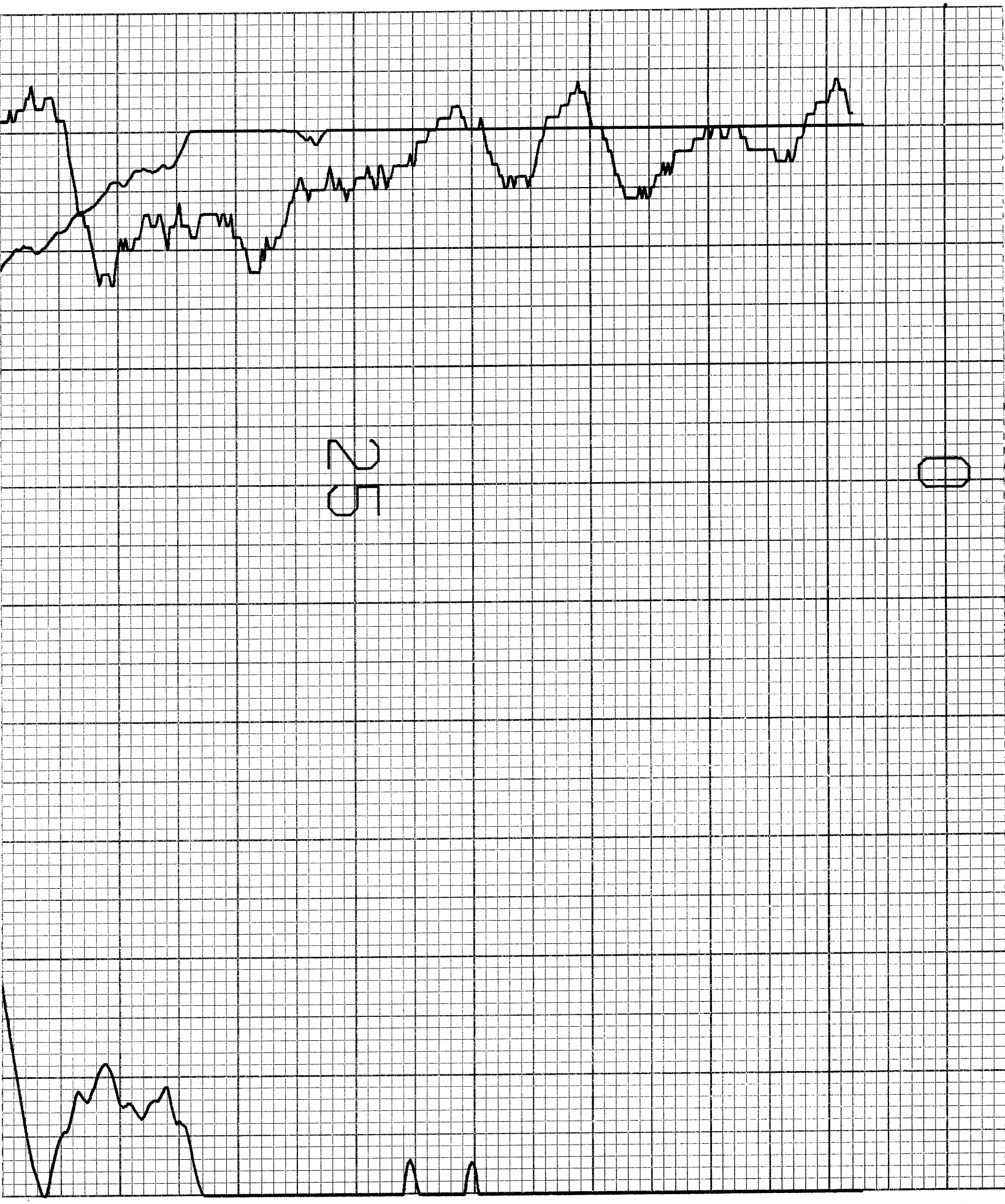

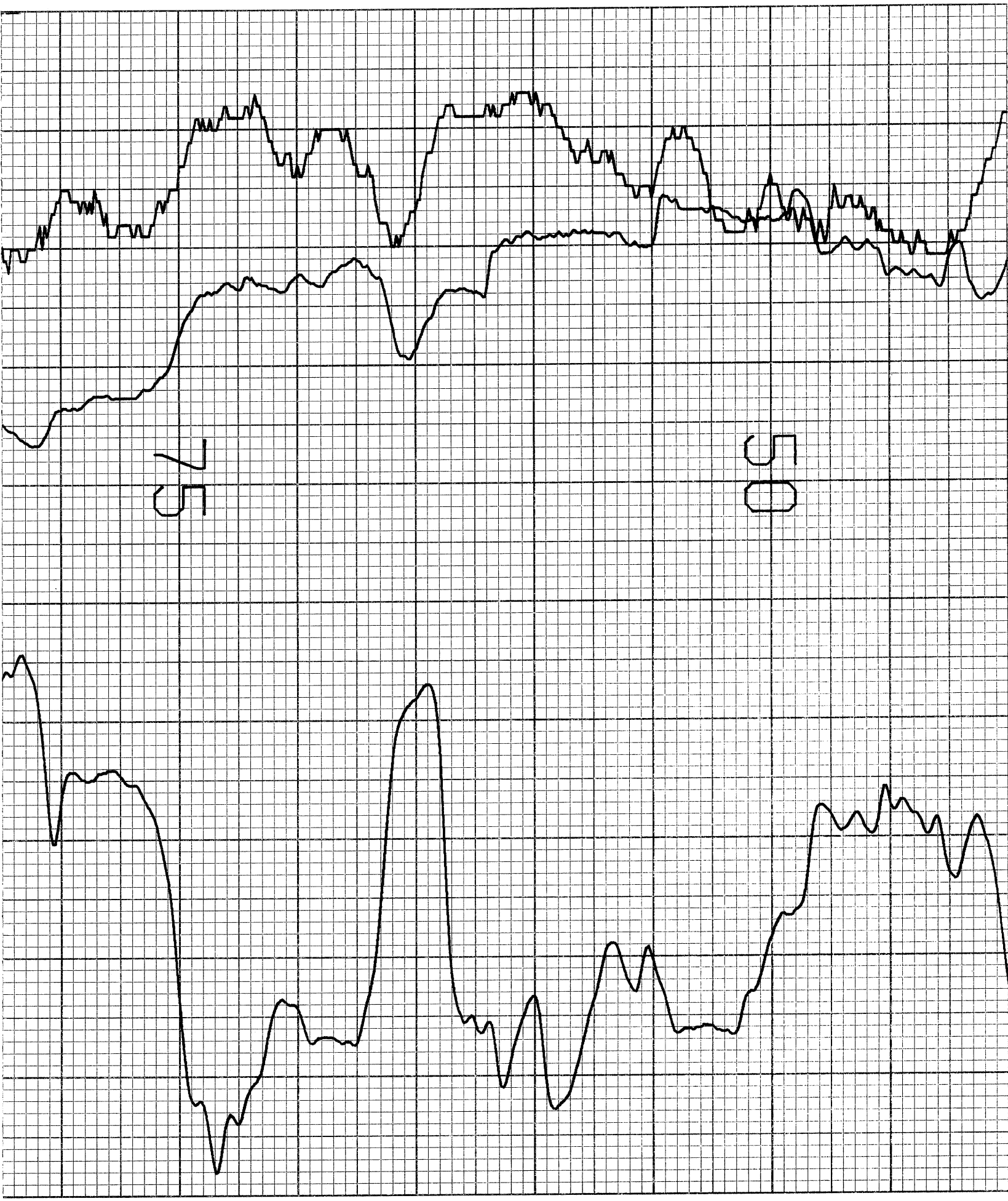

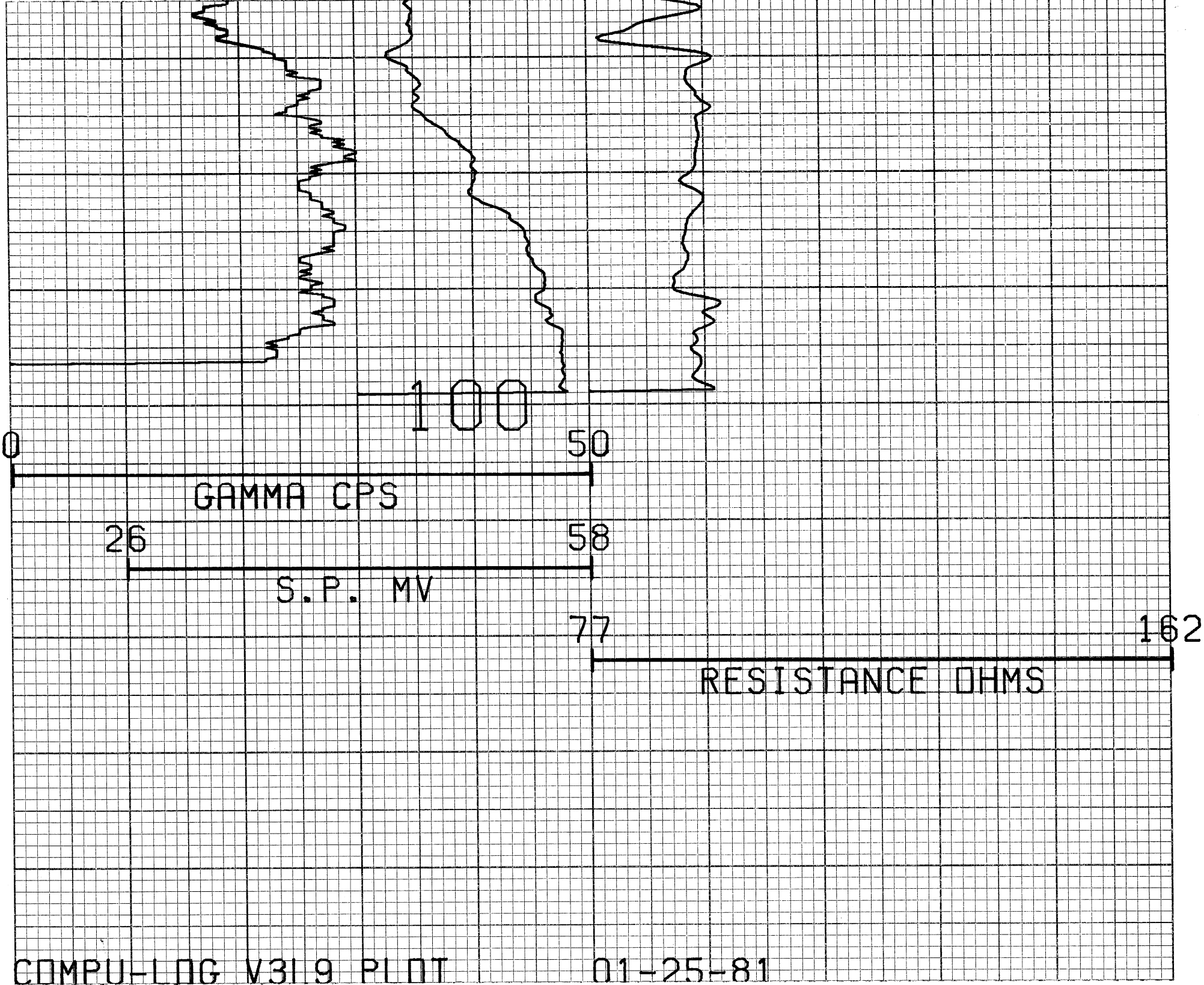

COMPU-LOG V319 PLOT 01-25-81

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CENTURY GEOPHYSICAL CORP. PART NO. 786-0022 PRINTED IN U.S.A. 03

DII-05
BCM/CWDD
OCEANA II
HOLE DIAMETER : 08.8

CAL STD CPS = 0000
PROBE # 9010 -093
TRUCK # 7710
APPL.#1 D
CB HONAKER

CAL RUN CPS = 0000
PROBE CAL BIAS = +00000
DATA: V3L10