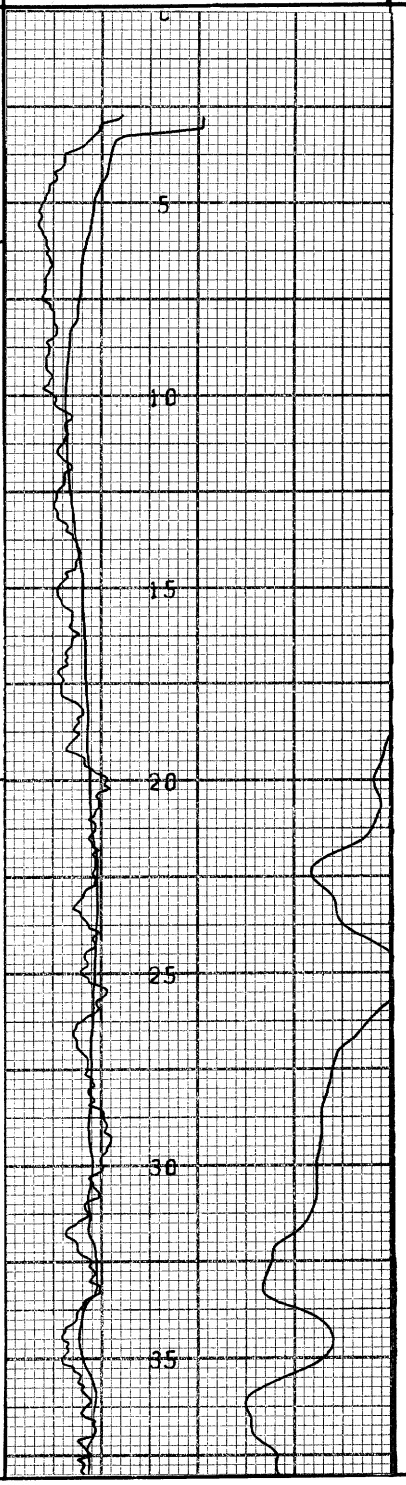
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. FW-01
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 1 OF 3
CLIENT Betz Converse Murdoch, Inc.		PROJ. NO. 80-07203-01
CONTRACTOR Warren George, Inc.		ELEVATION 7'±

GROUND WATER				Boring	CAS.	SAMP.	CORE	TUBE
DATE	TIME	DEPTH	CASING	TYPE	MUD	S.S.		
				DIA.		2"		
				WT.		140#		
				FALL		30"		

DATUM Nat'l Geodedic
DATE START 3-10-81
DATE FINISH 3-10-81
DRILLER Ed Tomkins
CWDD REP. J. Durcan

DEPTH FT.	CASING BLOWS	SAMPLE NO.	BLOWS ON SAMPLE SPOON PER 6"	SYMBOL	STRATIGRAPHY	E - LOG	WELL
2							
4							
6					Light grown clayey fine to medium Sand 5.0		
8							
10					Light gray silty medium to fine Sand (SP)		
12							
14							
16							
18							
20					20.0		
22							
24							
26							
28							
30							
32							
34							
36							
38							



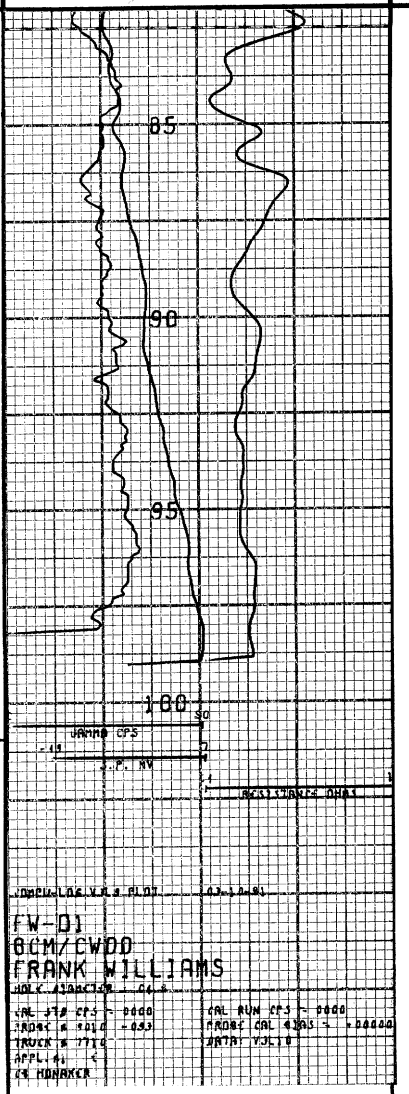
FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. FW-01
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					Gray to grayish green silty medium to fine Sand, clayey downward, intercalated layers of sandy Silt (SM) 42.0	40	
42							
44						45	
46							
48							
50						50	
52							
54						55	
56							
58					Light gray coarse to medium fine Sand (SW)		
60						60	
62					62.0		
64							
66						65	
68							
70						70	
72							
74					Gray green Silt (MH)		
76					75.0	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. FW-01
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							
86							
88							
90							
92							
94							
96					Greyish green silty medium to fine Sand and shells (SM)		
98							
100							
102					101.0		
104							
106							
108							
110							
112							
114							
116							
118							
120							
122							
124							
126							

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: FW-01	DATE: 10 MAR 81
UNIT/OPERATOR: 7710/HONAKER	FIELD OFFICE: LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: FW-01

AREA: FRANK WILLIAMS

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

HOLE DATA

TOTAL DEPTH — DRILLER	: 100'	BIT SIZE	: 4 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	: 200 @ 54°F
PROBE NO.	: 9010-093	SOFTWARE LEVEL	: V3L10
TIME IN: 1430		SCALE SELECTION	: ☒ OPERATOR ☐ CLIENT
TIME OUT: 1454		TP18-TK4	

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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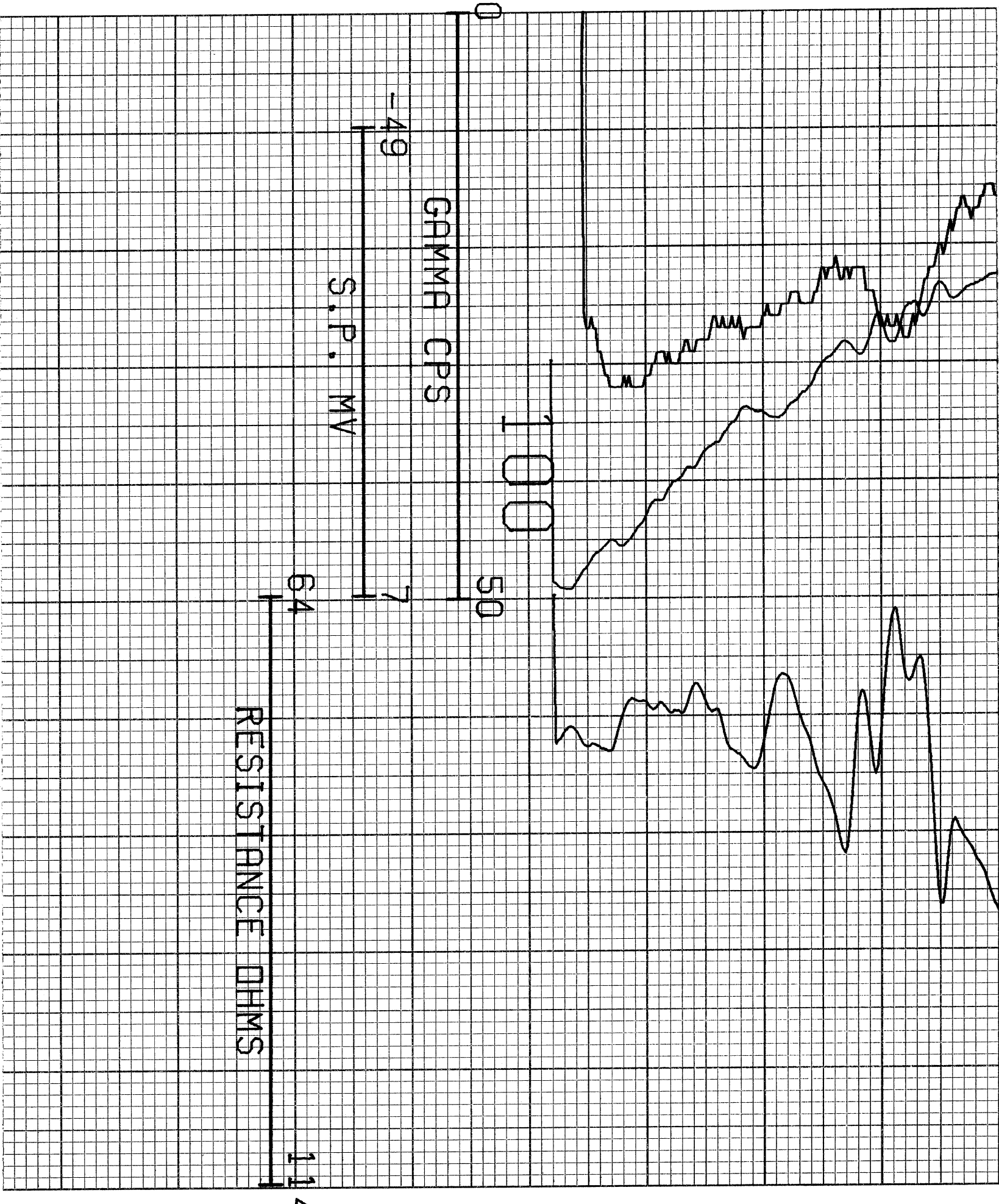

COMPU-LOG V3L9 PILOT 03-10-81

FW-01

BCM/CWDD

FRANK WILLIAMS

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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