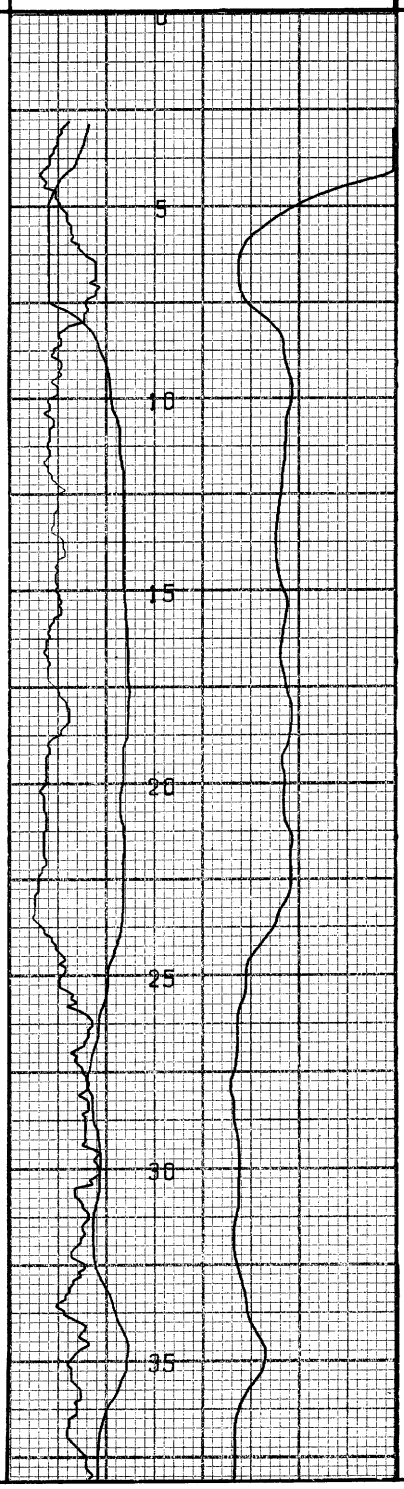
Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. WO-T/P-1

PROJECT	Virginia Beach Groundwater Development Project (Phase I)	SHT. NO. 1 OF 2	
CLIENT	Betz Converse Murdoch, Inc.	PROJ. NO.	80-07203-01
CONTRACTOR	A. C. Schultes and Sons, Inc.	ELEVATION	10.2
		DATUM	City of V.B.
		DATE START	3/05/81
		DATE FINISH	3/06/81
		DRILLER	J. Kramer
		CWDD REP.	R. Landle

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

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							

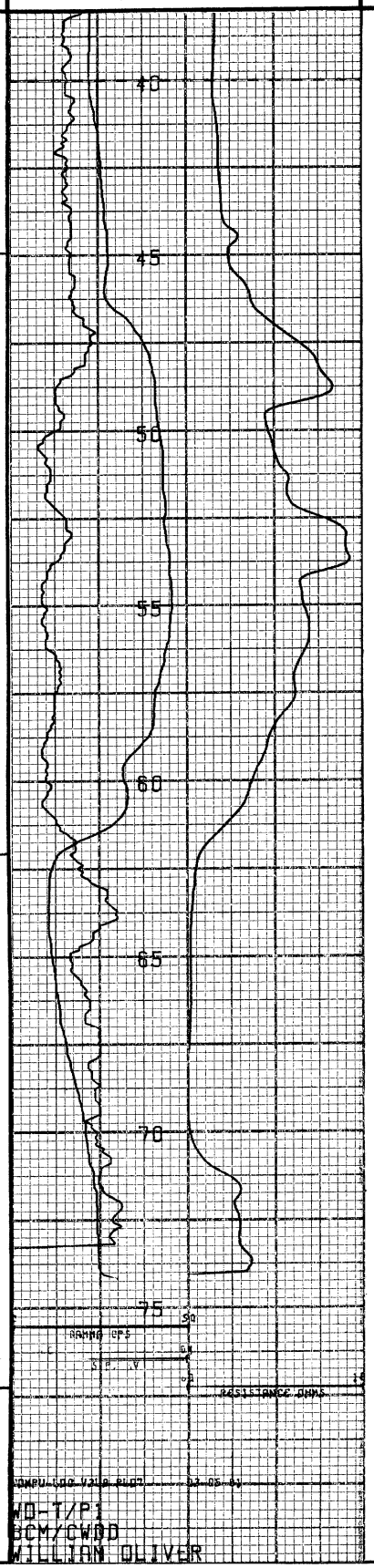


FOR INTERPRETATION OF SOIL, ROCK AND GROUNDWATER CONDITIONS, SEE TEXT OF CONVERSE WARD DAVIS DIXON REPORT, OF WHICH THIS LOG IS A PART.

Converse Ward Davis Dixon, Inc. Geotechnical Consultants	WELL LOG	WELL NO. WO-T/P-1
PROJECT Virginia Beach Groundwater Development Project (Phase I)		SHT. NO. 2 OF 2
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					
42					
44					45.0'
46					Light gray coarse to fine Sand, intercalated layers of silty fine Sand (SW)
48					
50					
52					
54					
56					
58					
60					
62					62.0'
64					Grayish green clayey Silt, trace mica (MH)
66					
68					
70					
72					
74					
76					77.0'
78					

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.

CENTURY GEOPHYSICAL CORPORATION

Tulsa, Oklahoma

BOREHOLE	DATE
WO-T/P1	5 MAR 81
UNIT/OPERATOR	**FIELD OFFICE**
7710/HONAKER	LEXINGTON

COMPANY: BCM/CWDD

BOREHOLE: WO-T/P1

AREA: WILLIAM OLIVER

ELEVATION:

COUNTY: VA BEACH CITY

STATE: VA

SECTION:

TOWNSHIP:

RANGE:

HOLE DATA

TOTAL DEPTH — DRILLER	75'	BIT SIZE	8 3/4"
TOTAL DEPTH — LOGGER	75'	CASING — TYPE & SIZE	NA
TOTAL FOOTAGE LOGGED	75'	CASING DEPTH	NA
LOGGING SPEED	30 FT/MIN	BOREHOLE FLUID	HOH
REFERENCE LEVEL	GL	FLUID RESISTIVITY	26.0 @ 50°F
PROBE NO.	9010-093	SOFTWARE LEVEL	V3L10
TIME IN: 1800		SCALE SELECTION	☒ OPERATOR ☐ CLIENT
TIME OUT: 1848		TP 16-TK2	

REMARKS: DELAY IN LOGGING DUE TO COLLAPSED HOLE WHICH HAD TO BE REAMED

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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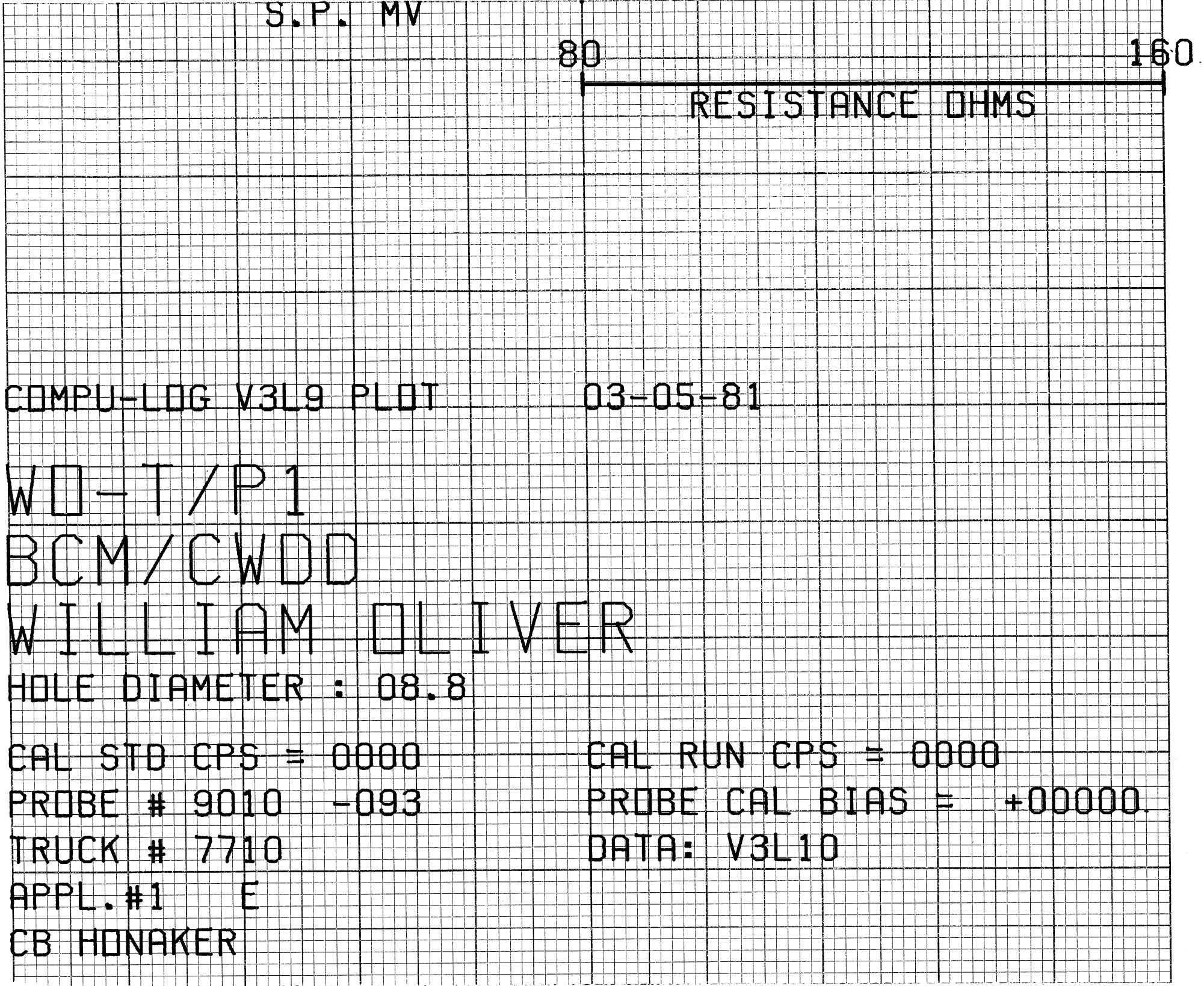

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