Department of Natural Resources
MARYLAND GEOLOGICAL SURVEY
Kenneth N. Weaver, Director

WATER RESOURCES BASIC DATA REPORT NO. 6

WORCESTER COUNTY GROUND-WATER INFORMATION: WELL RECORDS, PUMPAGE, CHEMICAL QUALITY DATA, AND SELECTED WELL LOGS

compiled by
RICHARD C. LUCAS

prepared in cooperation with the
UNITED STATES GEOLOGICAL SURVEY
Department of Interior

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INTRODUCTION

This is a compilation of previously unpublished ground-water data collected between 1950 and 1970 by the Maryland Geological Survey and the U. S. Geological Survey. Some previously published data are included to increase the utility of the report. Bulletin 16 published by the Maryland Department of Geology, Mines, and Water Resources contains most of the previously published data.

Worcester County is in the southeastern corner of Maryland. It is bordered on the east by the Atlantic Ocean and on the west by Wicomico and Somerset Counties. The county is bordered on the north by Delaware and on the south by Virginia. It extends westward from the ocean 20 miles and has an area of 586 square miles of which 104 square miles are water. The maximum altitude in the county is between 60 and 70 feet.

Ground water is used for all domestic, industrial, and public water supplies in the county. The wells furnishing these supplies are all less than 400 feet deep and are finished in unconsolidated Coastal Plain deposits that are of Miocene age or younger. The lithology and water-bearing characteristics of these deposits in Worcester County are shown in table 1.

To date (1970) the five deepest test wells in the county are two oil test wells to basement about 7,000 feet deep and three water test wells about 1,000 feet deep.

ACKNOWLEDGEMENTS

The data in this report came from several sources, but well completion reports were the primary source. These reports were submitted as part of a well permit system instituted by the Maryland Geological Survey and now administered by the Maryland Department of Water Resources. The success of the permit system can be attributed largely to the cooperation of the well drillers who submit data on their completed wells.

The cover photograph is a view of Ocean City looking south from 18th Street. It was taken in 1964 by the Baltimore District of the U. S. Army Corps of Engineers.

During the period 1969-70 Richard C. Lucas conducted field inventory of the wells and assembled and organized most of the data in this report under the immediate supervision of Wayne E. Webb.

WELL RECORDS

Well records are listed by well number in table 2. The well numbers are determined in the following way. The 1964 revised edition of the Maryland Geological Survey Worcester County topographic map is used as a base map to show the location of inventoried wells. On this map the county is divided into 5-minute quadrangles of latitude and longitude. The first letter of the well number designates a 5-minute segment of latitude; the second letter designates a 5-minute segment of longitude. The wells in a quadrangle are numbered in the order in which they were inventoried. Thus

well WO-BF 2, listed in table 2, is the second well inventoried in the BF quadrangle. The WO is a county abbreviation prefix, added when necessary to differentiate wells in more than one county.

The well numbering system in Maryland Geological Survey Bull. 16 (Rasmussen and Slaughter, 1955) uses Wor for WO, the county prefix, and Bf for BF, the latitude-longitude designation. The sequential numbers for the wells have not been changed. Thus well WO-BF 2 of this report is well Wor-Bf 2 of Bull. 16.

Aquifer designations in table 2 for individual wells were made on the basis of drillers' logs and the following maps: Map X (Maryland State Planning Dept. 1969) showing the basal surface of the deposits of Pliocene (?) and Pleistocene age; figure 20 and 21, Maryland Geological Survey Bull. 16 (Rasmussen and Slaughter, 1955), showing the top of the Manokin and Pocomoke aquifers, respectively.

These maps are not reproduced in this report. It is possible that future geologic studies may show the aquifer designations for some wells in table 2 are incorrect.

Owners' names for individuals are written last name first. Company names are written in correct sequence. Some abbreviations were necessary.

Static water levels, when measured, are followed by an M. If the well was flowing or reported flowing with an unknown head an F appears. If the static head above land surface was reported or measured a plus sign precedes the measurement.

When there are codes in the remarks column for gamma-ray log, electric log, and caliper log, these logs are available for inspection or copying at the Maryland-Delaware-D. C. District office of the U. S. Geological Survey, Water Resources Division or at the Maryland Geological Survey. A well for which there is a published descriptive log is marked as "DESCRPTVE LOG". The log or the publication in which it appears is shown in table 5. A well marked "destroyed" no longer exists, whereas a well marked "unused" still exists. Wells marked "test holes" often no longer exist and were drilled simply for hydrogeologic information. Some wells were drilled as test holes then cased, and in those wells and other wells where water level measurements have been made for some period of time are called observation wells. For wells marked "chemical analysis", an analysis performed by the U. S. Geological Survey is in table 3.

CHEMICAL ANALYSES OF GROUND WATER

Table 3 presents all of the analyses of chemical quality of ground water from Worcester County made by the U. S. Geological Survey laboratories through January 1971. Temperature is reported in degrees celsius which is equivalent to degrees centigrade. The iron and manganese are reported totals. All the phosphorus is reported as if it were all in the form of phosphate (PO_4). Dissolved solids are determined as the residue on evaporation at 180°C.

Hardness is the property of water attributable to the presence of alkaline earths and is expressed as equivalent calcium carbonate ($CaCO_3$). Hardness is a physical-chemical characteristic, not a substance.

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimeter at 25°C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be used for approximating the dissolved-solids content in the water. The following general relations are applicable:

Specific conductance x (0.65 ± 0.05) = dissolved solids in parts per million (ppm).

The pH of a water is a measure of the hydrogen-ion activity ($a_H + 1$)

$$pH = \log \frac{1}{a_{H+1}}$$

The unit of color is that produced by 1 mg of platinum per liter of water (the Hazen scale).

TABLE 1. Lithology and water-bearing characteristics of deposits penetrated by water wells in Worcester County

System	Series	Geologic unit	Aquifer name used in this report		Description of the material constituting the deposits in Worcester County[1]	Water-bearing characteristics of the deposits[1]
Quaternary	Holocene				Loam soil, alluvial sand and silt, dune sand, and peat. Disconformable lower boundary.	Provides water to vegetation and possibly to a few coastal wells of small yield.
	Pleistocene	Columbia group	Pleistocene		Unconsolidated, stratified, lenticular deposits of buff sand and silt, with small amounts of gravel and clay. Occur as stratified drift, with a few erratic boulders; as stabilized dunes; as marsh mud; as fluviatile thinly stratified, crossbedded, channel fill; as massive well-sorted, beach sand, and possibly marine sand. Disconformable lower boundary.	Yields moderate to fairly large quantities of water to some wells, small quantities to many wells. Water-table conditions prevail. Water may be "irony."
		?	?			
Tertiary	Pliocene		Not differentiated from Pleistocene		Slightly cemented, red, orange and brown, gravelly sand. Locally hard ledges, a few inches to 2 feet thick, usually at the base of the formation. Chiefly channel fill. Discomformable lower boundary.	Yields moderate to very large quantities of water to wells, frequently in conjunction with nearby streams, and with sands of overlying and underlying formations. Water-table conditions prevail. Water may be "irony."
	Miocene	Yorktown Formation	Yorktown (used when a more definite unit cannot be determined)	Upper aquiclude	Gray and blue clayey silt, interstratified with layers of gray very fine to medium sand. Occasional thin shell beds.	A confining bed which yields small quantities of water from local stringer sands. Generally non-productive.
				Pocomoke	Gray medium to fine sand with occasional coarse sand, fine gravel shells, and streaks of clay.	Yields moderate to small quantities of water to numerous wells, fairly large quantities to a few wells. Water is under artesian conditions in Worcester County, at depths ranging from 60 feet below sea level at Pocomoke City to 190 feet below at Ocean City. Water-table conditions prevail where the aquifer is hydraulically connected with overlying Pleistocene and Pliocene (?) deposits across an intake belt about 4 miles wide in the northwestern part of Worcester County.
				Lower aquiclude	Gray and green clayey silt, with some rock, marl, sand, black sand and shells.	Generally nonproductive. A leaky confining bed.
				Manokin	Light-gray medium to fine sand, occasionally coarse in lower section; silt and clay lentils. Shells reported in a few wells, but usually nonfossiliferous.	Yields moderate to small quantities of water to wells in Worcester County. Yields large quantities of water to municipal wells at Snow Hill, and Ocean City; the principal artesian aquifer at Snow Hill at depth of 250 feet below sea level and the deepest producing aquifer at Ocean City at depth of 240 feet below sea level.
		St. Marys Formation	Water wells normally do not penetrate these deposits in Worcester County.			
		Choptank Formation				
		Calvert Formation				

1. Adapted from Rasmussen and Slaughter (1955).

GROUND-WATER APPROPRIATIONS AND PUMPAGE

In accordance with Maryland law users of ground water for commercial and industrial purposes are required to obtain a ground-water appropriation for this water (Department of Water Resources, 1964, p. 8). The regulatory provisions of the ground-water appropriation law are administered by the Department of Water Resources. At this writing public water supplies and domestic and farm water users are exempted from the appropriative provisions of the law.

Table 4 is a list of all ground-water appropriations in Worcester County for more than an average of 5,000 gallons per day (gpd) issued before January 1970. This table also presents an estimate of the average daily pumpage during 1969. If metered pumpage is available, it is reported and indicated as metered. Other reported pumpage is estimated by plant managers or building superintendents, etc.

WELL LOGS

Table 5 presents logs of selected wells in Worcester County. The geologic classification, if any, of the deposits is that of the individual cited at the beginning of the log. Altitudes of most of the wells are determined by use of 1:24,000-scale U. S. Geological Survey topographic maps.

The logs of 80 wells in Worcester County published by Rasmussen and Slaughter (1955, Table 43) are not reproduced in this report. However, the locations of these wells are shown on plate 1, their records are in table 2, and the publication in which the.logs are printed is shown in table 5.

A driller's log which is part of a well completion report required by the State, is on file at the Maryland Geological Survey for most wells for which there is a well permit number.

REFERENCES

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MARYLAND GEOLOGICAL SURVEY, *1964, Map of Worcester County showing topography and the election districts: Maryland Geological Survey, Baltimore, Maryland*

MARYLAND STATE PLANNING DEPARTMENT, *1969, Ground-water aquifers and mineral commodities of Maryland: State development planning series; Publ. 152, 36 p.*

RASMUSSEN, W. C., and SLAUGHTER, T. H., *1955, The water resources of Somerset, Wicomico, and Worcester Counties: Maryland Dept. Geology, Mines and Water Resources*[1] *Bull. 16, 533 p.*

1. The name of this agency was changed to Maryland Geological Survey in 1964. .

TABLES TWO, THREE, FOUR, AND FIVE ARE CONTAINED IN THE FOLLOWING SECTION OF THE REPORT

Table 2. Records of wells in Worcester County

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
AE 4	-	BRATTEN REESE	-	-	36	12	30	O	-	-
AF 11	-	HUDSON DONALD	-	-	40	10	2	T	-	-
AF 13	-	GRAY LEON	-	1952	40	15	2	T	-	-
AE 14	-	SMITH CLARENCE	-	-	40	19	1	T	-	-
AE 15	-	MAHONEY LEONARD	-	-	42	17	1	T	-	-
AE 16	W067W 18	TILGHMAN ROBERT	E R KAUFFMAN	1966	40	86	6	G	26	60
AE 17	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	37	119	4	X	-	-
AE 18	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	41	119	4	X	-	-
AE 19	W072 6	U S GEOL SURVEY	IDEAL WELL DRILLERS	1971	40	503	6	X	-	-
AE 20	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	41	14	4	X	-	-
AE 21	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	41	14	4	X	-	-
AE 22	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	35	130	4	X	-	-
AF 4	-	MORRIS HATCHERY	M A PENTZ	1949	27	110	6	S	-	-
AF 5	-	MORRIS HATCHERY	SHANNAHAN ARTESIAN WELL CO	1943	27	379	6	S	369	-
AF 6	-	MORRIS HATCHERY	M A PENTZ	1945	27	105	6	S	-	-
AF 9	-	STURGENT JOHN	-	-	46	12	30	O	-	-
AF 11	-	HALL NORMAN L	-	-	38	12	20	O	-	-
AF 13	-	HALL RAYMOND	-	-	38	16	1	T	-	-
AF 14	-	LATCHUM HANDY	-	-	16	11	18	O	-	-
AF 15	-	NIBLETT CHARLES	ROBERT MAGEE	1937	22	11	1	T	-	-
AF 17	-	SHOWELL WILLIAM	-	1949	20	12	2	T	-	5
AF 18	-	RICKARDS KATIE	-	1951	20	10	24	O	10	-
AF 19	W066W 26	BISHOPVILLE FIRE DEPT	SHANNAHAN ARTESIAN WELL CO	1965	21	125	6	S	103	22
AF 20	10684	MORRIS HATCHERY	M A PENTZ	1952	27	109	6	S	98	11
AF 21	-	MORRIS HATCHERY	-	-	27	80	2	S	-	-
AF 22	9912	WOR CO BOARD OF EDUCATION	ROGER WHITE	1952	25	62	-	S	52	10
AF 23	W067W 11	SHOWELL MILLING	IDEAL WELL DRILLERS	1966	45	62	4	G	53	8
AF 24	47377	BISHOP PROCESSING	SHANNAHAN ARTESIAN WELL CO	1962	42	133	8	S	118	15
AF 25	W066W 76	BISHOP PROCESSING	SHANNAHAN ARTESIAN WELL CO	1966	41	158	8	S	127	21
AF 26	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	14	125	4	X	-	-
AG 4	-	HUDSON HERMAN	-	1943	19	30	2	T	-	5
AG 5	-	WELLS FRANK J	C BAKER	1945	10	15	1	T	-	-
AG 7	-	BUNTING LENA	-	1907	15	9	18	O	9	-

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	2M	1-52	-	-	-	-	-	-	S	B		AE 4
PLEISTOCENE	1M	4-52	-	-	-	-	-	-	S	P		AE 11
PLEISTOCENE	3M	4-52	-	-	-	-	-	-	H	P		AE 13
PLEISTOCENE	4M	4-52	-	-	-	-	-	-	H	P		AE 14
PLEISTOCENE	5M	4-52	-	-	-	-	-	-	H	P		AE 15
PLEISTOCENE	3M	1-70	-	-	60	-	2	30.0	-	N		AE 16
-	-	-	-	-	-	-	-	-	U	N	T J	AE 17
-	-	-	-	-	-	-	-	-	U	N	T J	AE 18
-	-	-	-	-	-	-	-	-	U	N	T J E	AE 19
-	-	-	-	-	-	-	-	-	U	N	T	AE 20
-	-	-	-	-	-	-	-	-	U	N	T	AE 21
-	-	-	-	-	-	-	-	-	U	N	T	AE 22
PLEISTOCENE	-	-	-	-	-	-	-	-	N	T	O L	AF 4
MANOKIN	15M	11-52	-	-	50	-	-	4.2	N	T	L	AF 5
PLEISTOCENE	-	-	-	-	-	-	-	-	U	-	D	AF 6
PLEISTOCENE	2M	12-51	-	-	-	-	-	-	H	B		AF 9
PLEISTOCENE	4M	4-52	-	-	-	-	-	-	S	P		AF 11
PLEISTOCENE	4M	4-52	-	-	-	-	-	-	H	P		AF 13
PLEISTOCENE	4M	4-52	-	-	-	-	-	-	H	B		AF 14
PLEISTOCENE	3M	4-52	-	-	-	-	-	-	U	P	U	AF 15
PLEISTOCENE	3M	4-52	-	-	-	-	-	-	H	P		AF 17
PLEISTOCENE	5M	4-51	-	-	-	-	-	-	H	P		AF 18
PLEISTOCENE	9	9-65	15	9-65	80	9-65	6	13.3	F	S		AF 19
PLEISTOCENE	14	10-52	24	10-52	100	10-52	4	10.0	N	T	WATER TREATED TO REMOVE IRON	AF 20
PLEISTOCENE	-	-	-	-	-	-	-	-	N	J		AF 21
PLEISTOCENE	11	4-52	14	4-52	18	4-52	10	6.0	T	P		AF 22
PLEISTOCENE	30	4-66	50	4-66	75	4-66	6	3.8	N	T	O L	AF 23
PLEISTOCENE	21	6-62	26	6-62	52	6-62	4	10.4	N	T		AF 24
PLEISTOCENE	25	3-66	29	3-66	87	3-66	10	21.8	N	T	L E	AF 25
-	-	-	-	-	-	-	-	-	U	N	T J	AF 26
PLEISTOCENE	4M	4-52	-	-	-	-	-	-	S	P		AG 4
PLEISTOCENE	3M	4-52	-	-	-	-	-	-	S	P		AG 5
PLEISTOCENE	4M	4-52	-	-	-	-	-	-	H	B		AG 7

WATER USE CODES

F FIRE PROTEC.
H DOMESTIC
N INDUSTRIAL
S STOCK SUPPLY
T INSTITUTIONAL
U UNUSED

PUMP TYPE CODES

B BUCKET
J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
O CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
AG 8	-	CLOGG VIRGINIA	-	1917	20	12	22	O	12	-
AG 9	55263	BENSON ELBERT	CHARLES I DAISEY	1963	20	113	2	S	105	8
AG 10	51405	BENSON E AND H	CHARLES I DAISEY	1963	18	113	2	S	104	9
AG 11	WO66W 46	BENSON HAROLD	CHARLES I DAISEY	1965	20	76	2	S	67	9
AG 12	WO69 23	HICKMAN C J	CHARLES I DAISEY	1968	8	52	2	T	46	6
AG 13	-	HICKMAN HELEN	ROBERT MAGEE	-	8	70	-	T	-	-
AG 14	WO66W 79	HEMPHILL HARRY	CHARLES I DAISEY	1966	10	94	2	S	88	6
AG 15	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	5	119	4	X	-	-
AG 16	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	8	130	4	X	-	-
AH 1	-	SCOTT DONALD	-	1949	15	20	1	T	-	-
AH 2	-	TAYLOR JOHN	-	1952	8	8	1	T	-	-
AH 3	-	HASTINGS ED	-	1950	10	72	2	T	-	-
AH 4	-	JOHNSON WM M	ROBERT MAGEE	1952	5	35	1	T	-	-
AH 5	WO68W 60	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1968	4	340	4	S	306	20
AH 6	WO70 9	US GEOL SURVEY	DELMARVA DRILLING CO	1969	5	357	6	S	347	10
AH 7	38914	CAREY JAMES E	PAUL WHITE	1960	9	169	2	S	159	10
AH 8	42709	WORTHINGTON G N	ALVIN V STOOPS	1961	11	170	2	S	162	8
AH 9	WO67W 63	WORTHINGTON G N	CHARLES I DAISEY	1967	11	264	2	S	255	9
AH 10	42312	PEPPER PAUL	PAUL WHITE	1961	15	258	4	S	248	10
AH 11	WO67W 75	L M BAUTZ CONST	CHARLES J BUNDICK	1967	15	315	2	S	305	10
AH 12	WO69 30	WINDBREAKER CONDOMINIUM	CHARLES I DAISEY	1968	12	330	2	S	321	9
AH 13	38535	LYNCH PARKER INC	WILLIAM J PORTER	1960	13	176	2	S	168	8
AH 14	WO67W 1	ARCARO JOSEPH	IDEAL WELL DRILLERS	1966	15	180	2	G	172	8
AH 15	WO67W 2	SINGER HOWARD E	IDEAL WELL DRILLERS	1966	15	180	2	G	172	8
AH 16	WO66W 96	MORRIS WILLIAM	PAUL WHITE	1966	15	173	2	S	169	4
AH 17	WO68W 54	MORRIS WILLIAM	PAUL WHITE	1968	15	176	2	S	172	4
AH 18	WO66W 53	HUDSON ETHEL R	IDEAL WELL DRILLERS	1965	7	279	2	G	271	8
AH 19	WO67W 6	HUDSON ETHEL R	PAUL WHITE	1966	7	238	2	S	232	6
AH 20	WO68W 45	ESCAPE CONDOMINIUM	SHANNAHAN ARTESIAN WELL CO	1968	9	287	4	S	270	10
AH 21	WO67W 64	HUDSON ROBERT W	CHARLES I DAISEY	1967	8	261	2	S	252	9
AH 22	WO68W 49	DUNE HOUSE CONDOMINIUM	DELMARVA DRILLING CO	1968	7	270	4	G	250	20
AH 23	WO68W 50	DUNE HOUSE CONDOMINIUM	DELMARVA DRILLING CO	1968	7	260	4	G	240	20
AH 24	WO67W 70	MCCLUNG HAZEL	PAUL WHITE	1967	14	280	2	S	274	6

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	5M	4-52	-	-	-	-	-	-	H	B		AG 8
PLEISTOCENE	14	11-63	24	11-63	40	11-63	3	4.0	S	J	O	AG 9
PLEISTOCENE	12	4-63	20	4-63	40	4-63	2	5.0	S	J	L	AG 10
PLEISTOCENE	12	12-65	22	12-65	40	12-65	3	4.0	S	J		AG 11
PLEISTOCENE	8	10-68	16	10-68	40	10-68	3	5.0	H	-		AG 12
PLEISTOCENE	-	-	-	-	-	-	-	-	H	-	O	AG 13
PLEISTOCENE	8	4-66	22	4-66	40	4-66	3	2.9	H	J	O	AG 14
-	-	-	-	-	-	-	-	-	U	N	T J	AG 15
-	-	-	-	-	-	-	-	-	U	N	T J	AG 16
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		AH 1
PLEISTOCENE	5M	5-52	-	-	-	-	-	-	H	P	O	AH 2
PLEISTOCENE	-	-	-	-	-	-	-	-	C	P	O	AH 3
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		AH 4
MANOKIN	0	8-68	130	8-68	60	8-68	2	0.5	U	N	T L	AH 5
MANOKIN	+2	8-69	22	8-69	40	8-69	8	1.7	U	N	O O L J E LOGGED TO 1210	AH 6
POCOMOKE	7	5-60	23	5-60	28	5-60	6	1.8	U	N	U	AH 7
POCOMOKE	4	5-61	10	5-61	35	5-61	3	5.8	U	N	D	AH 8
MANOKIN	8	4-67	22	4-67	40	4-67	3	2.9	U	N	U	AH 9
MANOKIN	10	5-61	20	5-61	100	5-61	4	10.0	U	N	U	AH 10
MANOKIN	4	5-67	45	5-67	16	5-67	10	0.4	-	-		AH 11
MANOKIN	12	11-68	24	11-68	40	11-68	3	3.3	U	-	U	AH 12
POCOMOKE	10	5-60	-	-	20	-	2	-	-	-		AH 13
POCOMOKE	10	7-66	25	7-66	25	7-66	8	1.7	-	-		AH 14
POCOMOKE	10	7-66	25	7-66	25	7-66	8	1.7	-	-		AH 15
POCOMOKE	9	6-66	30	6-66	25	6-66	4	1.2	-	-		AH 16
POCOMOKE	10	4-68	28	4-68	20	4-68	4	1.1	-	-		AH 17
MANOKIN	7	12-65	20	12-65	20	12-65	2	1.5	U	N	U	AH 18
MANOKIN	3	7-66	33	7-66	12	7-66	2	0.4	U	N	U	AH 19
MANOKIN	7	5-68	20	5-68	30	5-68	4	2.3	-	S		AH 20
MANOKIN	6	4-67	22	4-67	40	4-67	3	2.5	-	-		AH 21
MANOKIN	1	4-68	14	4-68	60	4-68	2	4.6	-	S		AH 22
MANOKIN	4	4-68	12	4-68	30	4-68	2	3.8	-	-		AH 23
MANOKIN	8	5-67	30	5-67	10	5-67	4	0.5	-	-		AH 24

WATER USE CODES

C COMMERCIAL
H DOMESTIC
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

B BUCKET
J JET
N NONE
P PISTON
S SUBMERSIBLE

REMARKS CODES

D DESTROYED
J GAMMA RAY LOG
L DESCRPTVE LOG
O OBSERVATION
E ELECTRIC LOG
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
AH 25	W066W 93	HARRINGTON GORDON	HUBBERT PUMP & WELL CO	1966	9	190	2	S	174	16
AH 26	W068W 46	ENGLAND CLYDE M	SHANNAHAN ARTESIAN WELL CO	1968	13	287	4	S	273	10
AH 27	W066W 94	VAHOS MARIO	IDEAL WELL DRILLERS	1966	10	276	2	G	268	8
AH 28	45775	CAROUSEL MOTEL	FRED R KIELKOPF	1962	12	241	6	S	226	15
AH 29	41789	JAMAICA INDUSTRIES	PAUL WHITE	1961	7	230	2	S	220	10
AH 30	51514	SUN DOWNER TRAILER PARK	PAUL WHITE	1963	7	255	2	S	245	10
AH 31	W065W 90	SUN DOWNER TRAILER PK	PAUL WHITE	1965	7	255	2	-	-	-
AH 32	W068W 39	KOHLHEPP K	IDEAL WELL DRILLERS	1968	8	287	4	G	277	10
AH 33	W072 59	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1972	4	-	-	-	-	-
BE 5	-	LEWIS JOHN H	-	1850	40	15	30	X	-	-
BE 6	-	LEWIS JOHN H	-	1938	40	14	26	O	-	-
BE 15	-	WHALEY MAUDE	-	-	35	10	24	O	-	-
BE 16	-	LEWIS BEULAH	-	1951	30	12	2	T	-	-
BE 17	-	TULL RODDIE	-	-	35	9	24	S	-	-
BE 18	-	ELLIOTT COLLINS	C BAKER	1952	36	22	2	T	-	-
BE 19	-	RICHARDSON V	-	-	27	28	2	T	-	-
BE 21	-	HOLLOWAY HAROLD	-	-	30	13	1	T	-	-
BE 22	-	COOP G W PROGRA	ROBERT K BALDWIN	1953	39	126	-	-	-	-
BE 23	39395	WHALEY CEMETERY	E R KAUFFMAN	1960	30	125	4	G	105	20
BE 24	W067W 13	MOORE DANIEL	E R KAUFFMAN	1966	35	160	4	G	60	100
BE 25	40162	WOR BROILERS INC	EDWARD P SCHULTZ	1960	25	230	2	S	220	10
BE 26	40846	WOR BROILERS INC	EDWARD P SCHULTZ	1960	25	220	2	S	210	10
BE 27	-	WOR BROILERS INC	ROBERT MAGEE	-	25	150	1	T	-	-
BE 28	-	WOR BROILERS INC	ROBERT MAGEE	-	25	150	1	T	-	-
BE 29	-	WOR BROILERS INC	ROBERT MAGEE	-	25	150	1	T	-	-
BE 30	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	30	119	4	X	-	-
BF 1	-	RALSTON PURINA	M A PENTZ	1945	30	98	6	S	82	16
BF 2	6105	RALSTON PURINA	M A PENTZ	1950	30	110	8	S	100	10
BF 3	-	RALSTON PURINA	M A PENTZ	-	30	105	8	S	94	11
BF 7	-	BEECHEM R	ROBERT MAGEE	1950	16	61	1	S	-	5
BF 8	7278	GUMM C D	PAUL WHITE	1951	21	105	4	S	93	-
BF 10	6120	SHOWELL MFG CO	PAUL WHITE	1950	24	100	4	S	94	6

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
POCOMOKE	6	7-66	29	7-66	32	7-66	6	1.4	-	N		AH 25
MANOKIN	10	4-68	16	4-68	30	4-68	4	5.0	-	S		AH 26
MANOKIN	4	5-66	30	5-66	25	5-66	2	1.0	-	-		AH 27
MANOKIN	10	3-62	40	3-62	60	3-62	10	2.0	U	S	U	AH 28
MANOKIN	1	2-61	28	2-61	25	2-61	6	0.9	U	N		AH 29
MANOKIN	0	5-63	28	5-63	40	5-63	4	1.4	U	N	U	AH 30
MANOKIN	-	-	-	-	-	-	-	-	U	N	U J	AH 31
MANOKIN	5	3-68	30	3-68	40	3-68	4	1.6	-	-		AH 32
MANOKIN	-	-	-	-	-	-	-	-	P	-		AH 33
PLEISTOCENE	4M	1-51	-	-	-	-	-	-	H	B		BE 5
PLEISTOCENE	4M	1-52	-	-	-	-	-	-	H	P		BE 6
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	H	B		BE 15
PLEISTOCENE	1M	5-52	-	-	-	-	-	-	H	P	Q	BE 16
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	S	P		BE 17
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	H	P		BE 18
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	S	P		BE 19
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	U	P	U	BE 21
-	-	-	-	-	-	-	-	-	U	-	T L	BE 22
POCOMOKE PLEISTOCENE	10	7-60	19	7-60	45	7-60	12	5.0	I	-	L	BE 23
-	-	-	-	-	-	-	-	-	I	N	L	BE 24
MANOKIN	12	8-60	26	8-60	30	8-60	6	2.1	U	N	L	BE 25
MANOKIN	11	11-60	30	11-60	15	11-60	24	0.8	U	N		BE 26
POCOMOKE	-	-	-	-	-	-	-	-	S	P		BE 27
POCOMOKE	-	-	-	-	-	-	-	-	S	P		BE 28
POCOMOKE	-	-	-	-	-	-	-	-	S	P		BE 29
-	-	-	-	-	-	-	-	-	U	N	T J	BE 30
PLEISTOCENE	14	9-45	-	-	-	-	-	-	U	N	D L	BF 1
PLEISTOCENE	13	6-50	56	6-50	200	6-50	2	4.7	U	N	D L	BF 2
PLEISTOCENE	10	10-51	30	10-51	180	10-51	10	9.0	N	T	L	BF 3
PLEISTOCENE	10M	12-51	-	-	-	-	-	-	S	P		BF 7
PLEISTOCENE	10	2-51	25	2-51	85	2-51	4	5.7	S	P	L	BF 8
PLEISTOCENE	14	8-50	27	8-50	20	8-50	10	1.5	N	P	L	BF 10

WATER USE CODES

H DOMESTIC
I IRRIGATION
N INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

B BUCKET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
J GAMMA RAY LOG
L DESCRPTVE LOG
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
BF 11	-	SHOWELL POULTRY	M A PENTZ	1947	24	110	6	S	-	-
BF 16	-	BISHOP JOHN	-	-	20	14	20	O	-	-
BF 18	-	HOLLAND C	-	-	30	16	22	O	-	-
BF 21	-	LYNCH IRVING JR	-	-	30	34	1	T	-	-
BF 22	-	PURDUE MAY	-	-	25	24	1	T	-	-
BF 23	-	SHOWELL FORESTER	-	-	25	28	1	T	-	-
BF 24	-	BURBAGE ANNA	-	-	13	58	1	T	-	-
BF 25	-	CASPER C J	-	1880	15	14	18	O	-	-
BF 26	-	SMITH CLARENCE	ROBERT MAGEE	-	30	22	1	T	-	-
BF 28	11337	WOR CO BOARD OF EDUCATION	ARTESIAN WELL CO	1953	35	117	6	S	101	-
BF 29	W065W 58	RALSTON PURINA	IDEAL WELL DRILLERS	1965	26	161	8	G	134	27
BF 30	W069 70	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	20	105	10	S	60	30
BF 31	W069 69	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	12	107	10	S	62	30
BF 32	W069 68	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	15	110	10	S	70	30
BF 33	W069 65	LAKEHAVEN TRAILER PK	WILLIAM J PORTER	1969	25	100	2	S	92	8
BF 34	W069 66	LAKEHAVEN TRAILER PK	WILLIAM J PORTER	1969	17	100	2	S	92	8
BF 35	42339	B S HATCHERY INC	SHANNAHAN ARTESIAN WELL CO	1961	24	128	4	S	104	16
BF 36	-	B S HATCHERY INC	-	1969	24	-	-	T	-	-
BF 37	-	B S HATCHERY INC	-	1969	24	-	-	T	-	-
BF 38	54484	JONES MILTON	CHARLES I DAISEY	1963	20	158	2	S	150	8
BF 39	-	JONES MILTON	CHARLES I DAISEY	-	20	90	1	T	-	-
BF 40	W069 78	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	18	-	4	-	-	-
BF 41	22834	SHOWELL FIRE CO	M A PENTZ	1957	24	104	6	S	93	11
BF 42	49390	SHOWELL POULTRY	M A PENTZ	1963	25	103	6	S	93	10
BF 43	W068W 72	SHOWELL POULTRY	SHANNAHAN ARTESIAN WELL CO	1968	25	103	8	S	91	12
BF 44	34342	TRI STATE OIL COMPANY	WILLIAM J PORTER	1959	35	103	2	S	93	10
BF 45	24058	RALSTON PURINA	M A PENTZ	1956	29	106	8	S	96	10
BF 46	W067W 40	RALSTON PURINA	SHANNAHAN ARTESIAN WELL CO	1966	29	127	10	S	87	40
BF 47	W067W 53	AMDAL LABORATORIES	SHANNAHAN ARTESIAN WELL CO	1967	33	102	4	S	92	10
BF 48	W067W 54	AMDAL LABORATORIES	SHANNAHAN ARTESIAN WELL CO	1967	35	108	4	S	98	10
BF 49	-	AMDAL LABORATORIES	-	-	35	50	-	T	-	-
BF 50	50353	HOLLAND CHEVRON	PAUL WHITE	1963	27	118	6	S	113	5
BF 51	47902	A P FOOD STORE	EDWARD P SCHULTZ	1962	27	110	2	S	100	10

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	14	-	-	-	-	-	-	-	N	T		BF 11
PLEISTOCENE	10M	4-52	-	-	-	-	-	-	H	B		BF 16
PLEISTOCENE	5M	4-52	-	-	-	-	-	-	H	B		BF 18
PLEISTOCENE	2M	4-52	-	-	-	-	-	-	U	P	U	BF 21
PLEISTOCENE	5M	4-52	-	-	-	-	-	-	H	P		BF 22
PLEISTOCENE	2M	4-52	-	-	-	-	-	-	H	P		BF 23
PLEISTOCENE	1M	4-52	-	-	-	-	-	-	H	P		BF 24
PLEISTOCENE	8M	4-52	-	-	-	-	-	-	H	B		BF 25
PLEISTOCENE	5M	4-52	-	-	-	-	-	-	H	P		BF 26
PLEISTOCENE	18	1-53	45	1-53	140	1-53	12	5.2	P	T	L	BF 28
-	9	5-65	100	5-65	1000	5-65	12	11.0	N	T	L E	BF 29
PLEISTOCENE	15	6-69	29	6-69	503	6-69	48	35.9	P	-		BF 30
PLEISTOCENE	15	7-69	35	7-69	500	7-69	12	25.0	P	-		BF 31
PLEISTOCENE	9	8-69	45	8-69	500	8-69	12	13.9	P	-		BF 32
PLEISTOCENE	15	7-69	-	-	20	-	2	-	P	J		BF 33
PLEISTOCENE	14	7-69	-	-	20	-	2	-	P	-		BF 34
POCOMOKE	11	5-61	17	5-61	25	5-61	4	4.2	C	T	L	BF 35
PLEISTOCENE	-	-	-	-	-	-	-	-	C	-		BF 36
PLEISTOCENE	-	-	-	-	-	-	-	-	-	-		BF 37
POCOMOKE	14	11-63	24	11-63	40	11-63	3	4.0	P	C	L	BF 38
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	U	BF 39
-	-	-	-	-	-	-	-	-	Z	S	SUPPLIES POND AT MAIN ENTRANCE	BF 40
PLEISTOCENE	12	3-57	25	3-57	40	3-57	4	3.1	F	T		BF 41
PLEISTOCENE	12	10-63	18	10-63	40	10-63	3	6.7	N	T		BF 42
PLEISTOCENE	17	7-68	39	7-68	113	7-68	8	5.1	N	T		BF 43
PLEISTOCENE	8	4-59	-	-	20	-	1	-	C	J		BF 44
PLEISTOCENE	11	7-56	21	7-56	100	7-56	6	10.0	N	T		BF 45
PLEISTOCENE	19	12-66	21	12-66	58	12-66	6	29.0	N	T	O	BF 46
PLEISTOCENE	18	2-67	20	2-67	20	2-67	5	10.0	F	S		BF 47
PLEISTOCENE	20	2-67	21	2-67	20	2-67	5	20.0	H	S		BF 48
PLEISTOCENE	-	-	-	-	-	-	-	-	H	J		BF 49
PLEISTOCENE	4	2-63	24	2-63	100	2-63	6	5.0	C	J		BF 50
PLEISTOCENE	7	7-62	22	7-62	50	7-62	2	3.3	C	J		BF 51

WATER USE CODES

C COMMERCIAL
F FIRE PROTEC.
H DOMESTIC
N INDUSTRIAL
P PUBLIC SUPPLY
U UNUSED
Z OTHER

PUMP TYPE CODES

B BUCKET
C CENTRIFUGAL
J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

E ELECTRIC LOG
L DESCRPTVE LOG
O CHEM ANALYSIS
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
BF 52	W069 7	MOORE MILTON E	CHARLES I DAISEY	1968	35	94	2	S	88	6
BF 53	W069 14	EASTERN ANIMAL FOODS INC	SHANNAHAN ARTESIAN WELL CO	1968	24	112	4	S	87	20
BF 54	43407	WAINWRIGHT NORK	ALVIN V STOOPS	1961	36	95	2	S	87	8
BF 55	31941	QUILLEN CALVIN	ROBERT MAGEE	1958	21	90	2	S	80	10
BF 56	30875	OLTMAN JOHN W	ROBERT MAGEE	1958	30	100	2	S	90	10
BF 57	W069 55	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	20	93	4	-	-	-
BF 58	W069 56	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	12	92	4	-	-	-
BF 59	W069 57	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	15	92	4	-	-	-
BF 60	W070 53	RALSTON PURINA	SHANNAHAN ARTESIAN WELL CO	1970	27	128	10	S	87	41
BF 61	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	25	130	4	X	-	-
BF 62	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	40	155	4	X	-	-
BG 1	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1949	10	14	1	T	-	-
BG 3	-	CROPPER CHICKEN FARM	-	-	5	19	1	S	-	-
BG 4	-	WINCHESTER FARM	ROBERT MAGEE	-	6	70	2	S	-	-
BG 6	-	OCEAN DOWNS	M A PENTZ	1949	11	80	4	S	-	-
BG 7	-	OCEAN DOWNS	M A PENTZ	-	12	80	3	S	-	-
BG 10	-	SHORE LUMBER CO	SHANNAHAN ARTESIAN WELL CO	1914	4	1706	16	-	1700	-
BG 11	-	WAINWRIGHT ESSO	C BAKER	1946	10	20	1	S	-	-
BG 13	-	LYNCH IRVING SR	-	1932	16	25	1	T	-	-
BG 14	11880	FRANC SCOTT KEY MOTEL	M A PENTZ	1953	10	102	6	S	90	-
BG 15	W068W 66	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1968	7	325	6	S	295	30
BG 16	W069 71	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	12	105	10	S	60	30
BG 17	W066W 8	OCEAN DOWNS	IDEAL WELL DRILLERS	1965	11	97	4	S	80	17
BG 18	W069 19	OCEAN DOWNS	IDEAL WELL DRILLERS	1968	8	96	4	G	88	8
BG 19	51267	BRADFORD SEWELL	MARION O FORD	1963	8	100	2	S	88	12
BG 20	50991	WOOTEN JOHN	MARION O FORD	1963	11	100	2	S	88	12
BG 21	23999	DELMARVA POWER AND LIGHT CO	PAUL WHITE	1956	4	80	3	S	74	6
BG 22	18973	SHIPS CAFE	M A PENTZ	1955	4	103	6	S	93	10
BG 23	18974	SHIPS CAFE	M A PENTZ	1955	4	103	6	S	93	10
BG 24	48382	HAZARD PAUL	WILLIAM J PORTER	1962	4	113	2	S	107	6
BG 25	48263	WHALEY JOHN	EDWARD P SCHULTZ	1962	5	124	2	S	116	8
BG 26	W070 27	ESHAM BUELL C	WILLIAM J PORTER	1971	8	115	2	S	107	8

FINISH CODES

G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	18	8-68	26	8-68	40	8-68	3	5.0	C	J		BF 52
PLEISTOCENE	9	8-68	11	8-68	20	8-68	6	10.0	N	S		BF 53
PLEISTOCENE	11	7-61	16	7-61	20	7-61	4	4.0	H	J		BF 54
PLEISTOCENE	6	9-58	11	9-58	50	9-58	-	10.0	S	J		BF 55
PLEISTOCENE	8	5-58	12	5-58	50	5-58	8	12.5	H	-		BF 56
PLEISTOCENE	14M	12-69	-	-	-	-	-	-	U	N	O J	BF 57
PLEISTOCENE	12M	12-69	-	-	-	-	-	-	U	N	O J	BF 58
PLEISTOCENE	8M	12-69	-	-	-	-	-	-	U	N	O J	BF 59
PLEISTOCENE	15	6-70	18	6-70	112	6-70	4	37.3	N	T	O	BF 60
-	-	-	-	-	-	-	-	-	U	N	T J	BF 61
-	-	-	-	-	-	-	-	-	U	N	T J	BF 62
PLEISTOCENE	3M	2-52	-	-	-	-	-	-	U	N	O	BG 1
PLEISTOCENE	2M	-	-	-	-	-	-	-	S	P		BG 3
PLEISTOCENE	2M	11-51	-	-	-	-	-	-	S	P		BG 4
PLEISTOCENE	3	11-51	-	-	-	-	-	-	C	T	L	BG 6
PLEISTOCENE	-	-	-	-	-	-	-	-	U	-	L	BG 7
-	F	3-70	-	-	-	-	-	-	U	N	O J L LOGGED TO 873'	BG 10
PLEISTOCENE	5	11-51	-	-	-	-	-	-	U	N	O	BG 11
PLEISTOCENE	2M	4-52	-	-	-	-	-	-	U	P	U	BG 13
PLEISTOCENE	4	3-52	14	3-52	60	3-52	2	6.0	C	T	L	BG 14
MANOKIN	+1M	9-70	-	-	100	-	10	-	U	N	O L J LOGGED TO 500'	BG 15
PLEISTOCENE	10	9-69	25	9-69	500	9-69	12	33.3	P	-	O	BG 16
PLEISTOCENE	8	8-65	50	8-65	200	8-65	6	4.8	C	T		BG 17
PLEISTOCENE	2	9-68	15	9-68	65	9-68	4	5.0	C	T	O L	BG 18
PLEISTOCENE	1	4-63	-	-	19	-	2	-	S	J		BG 19
PLEISTOCENE	2	4-63	-	-	16	-	2	-	S	J		BG 20
PLEISTOCENE	4	8-56	26	8-56	60	8-56	6	2.7	A	J		BG 21
PLEISTOCENE	3	5-55	17	5-55	60	5-55	4	4.3	A	-		BG 22
PLEISTOCENE	4	5-55	18	5-55	50	5-55	3	3.6	-	-		BG 23
PLEISTOCENE	2	-	-	-	18	-	2	-	H	J		BG 24
PLEISTOCENE	0	7-62	22	7-62	50	7-62	4	2.3	-	-		BG 25
PLEISTOCENE	4	-	-	-	15	-	2	-	C	P		BG 26

WATER USE CODES

A AIR COND.
C COMMERCIAL
H DOMESTIC
N INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
J GAMMA RAY LOG
L DESCRPTVE LOG
O OBSERVATION
O CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
BG 27	31104	ELLIOTT CHARLES	PAUL WHITE	1958	11	93	3	S	87	6
BG 28	-	ELLIOTT CHARLES	-	-	4	15	-	T	-	-
BG 29	21990	WAINWRIGHT ESSO	PAUL WHITE	1956	10	88	3	S	82	6
BG 30	W069 44	TRADER LEES STORE	IDEAL WELL DRILLERS	1969	9	146	4	S	136	10
BG 31	W066W 39	MUMFORD MRS E	IDEAL WELL DRILLERS	1965	6	80	2	G	72	8
BG 32	W066W 42	MUMFORD MRS E	IDEAL WELL DRILLERS	1965	6	80	2	G	72	8
BG 33	30651	EBB TIDE MOTEL	LEON JARRETT	1958	10	95	2	S	90	5
BG 34	W068W 65	J H LEE FISHER REAL ESTATE	CHARLES I DAISEY	1968	7	94	2	S	88	6
BG 35	W069 6	CAREY CHARLES E	CHARLES I DAISEY	1968	11	265	2	S	256	9
BG 36	W069 49	SEA ISLE MOTEL	IDEAL WELL DRILLERS	1969	10	130	4	S	120	10
BG 37	26460	PINES MOTEL	LEON JARRETT	1957	10	135	2	S	125	10
BG 38	W065W 41	WOR CO BOARD OF EDUCATION	IDEAL WELL DRILLERS	1965	11	128	4	G	113	15
BG 39	35071	SEA GULL TRAILER CT	LEON JARRETT	1959	11	84	2	S	78	6
BG 40	W067W 80	CROSS ROADS MOTEL	IDEAL WELL DRILLERS	1967	9	96	4	G	88	8
BG 41	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	1	119	4	X	-	-
BG 42	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	4	129	4	X	-	-
BG 43	W069 54	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1969	14	91	4	-	-	-
BG 44	W068W 66	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1968	7	85	6	S	50	30
BG 45	W068W 66	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1968	10	77	2	S	56	21
BG 46	W068W 66	OCEAN PINES	SYDNOR HYDRO-DYNAMICS INC	1968	10	200	6	S	164	30
BH 1	-	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1939	6	272	8	-	-	-
BH 8	-	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1947	6	176	10	S	151	25
BH 9	-	ESHAM G L	ROBERT MAGEE	1940	7	89	2	-	-	-
BH 10	6960	JONES STEWART	M A PENTZ	1951	7	98	3	S	90	8
BH 11	847	STANDARD OIL NJ	NOBLE DRILLING CO	1946	6	7710	24	-	-	-
BH 13	-	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1947	5	320	10	-	-	-
BH 14	8212	HOLLAND W L	M A PENTZ	1951	8	104	3	S	97	7
BH 15	-	BUNTING BILL	-	1952	6	5	1	T	-	-
BH 17	583	BURBAGE TALBOT	ROGER WHITE	1946	8	93	2	S	80	8
BH 18	455	HUDSON OLLIE	ROGER WHITE	1946	6	95	2	S	-	8
BH 19	9073	BURNS HENRY P	PAUL WHITE	1952	7	80	3	S	74	6
BH 20	8858	LEWIS ANNA P	PAUL WHITE	1952	6	82	3	S	76	6

FINISH CODES

G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	11	6-58	30	6-58	20	6-58	4	1.1	H	P		BG 27
PLEISTOCENE	-	-	-	-	-	-	-	-	C	J		BG 28
PLEISTOCENE	4	2-56	28	2-56	50	2-56	4	2.1	C	P		BG 29
POCOMOKE	5	4-69	40	4-69	40	4-69	4	1.1	-	-	WATER REPORTED UNDRINKABLE	BG 30
PLEISTOCENE	5	12-65	20	12-65	30	12-65	2	2.0	H	-		BG 31
PLEISTOCENE	5	12-65	20	12-65	30	12-65	2	2.0	H	-		BG 32
PLEISTOCENE	2	6-58	-	-	30	-	4	-	C	J		BG 33
PLEISTOCENE	6	5-68	22	5-68	40	5-68	3	2.5	-	-		BG 34
MANOKIN	14	8-68	24	8-68	40	8-68	3	4.0	H	J	L	BG 35
PLEISTOCENE	5	4-69	50	4-69	60	4-69	6	1.3	C	Z		BG 36
PLEISTOCENE	2	4-57	-	-	-	-	-	-	C	J		BG 37
PLEISTOCENE	6	4-65	55	4-65	150	4-65	24	3.1	T	S	O	BG 38
PLEISTOCENE	0	6-59	-	-	20	-	4	-	-	-		BG 39
PLEISTOCENE	5	5-67	25	5-67	40	5-67	3	2.0	C	J		BG 40
-	-	-	-	-	-	-	-	-	U	N	T J	BG 41
-	-	-	-	-	-	-	-	-	U	-	T J	BG 42
PLEISTOCENE	10M	12-69	-	-	-	-	-	-	U	N	O J	BG 43
PLEISTOCENE	5	11-68	12	11-68	110	11-68	10	15.7	U	N	U	BG 44
PLEISTOCENE	9M	12-70	-	-	-	-	-	-	U	N	O	BG 45
POCOMOKE	3M	12-70	-	-	110	-	10	7.9	U	N	O	BG 46
MANOKIN	2	-46	-	-	-	-	-	-	U	N	D O L	BH 1
POCOMOKE	7	6-47	17	6-47	100	6-47	-	10.0	U	N	D O L	BH 8
PLEISTOCENE	4M	10-50	-	-	-	-	-	-	U	N	O L	BH 9
PLEISTOCENE	7	2-51	19	2-51	30	2-51	1	2.5	H	P	L	BH 10
-	-	-	-	-	-	-	-	-	U	N	E L OIL EXPLORATORY HOLE LOGGED FROM 1130' - 7710'	BH 11
MANOKIN	+2	4-47	50	4-47	25	4-47	6	0.5	U	N	D L	BH 13
PLEISTOCENE	7	9-51	20	9-51	30	9-51	2	2.3	H	P	L	BH 14
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	H	P		BH 15
PLEISTOCENE	-	-	-	-	15	-	2	-	H	J	L	BH 17
PLEISTOCENE	2	2-53	-	-	30	-	2	-	H	-	L	BH 18
PLEISTOCENE	3	3-52	24	3-52	40	3-52	6	1.9	H	C	L	BH 19
PLEISTOCENE	2	3-52	24	3-52	20	3-52	8	0.9	U	N	D L	BH 20

WATER USE CODES

C COMMERCIAL
H DOMESTIC
T INSTITUTIONAL
U UNUSED

PUMP TYPE CODES

C CENTRIFUGAL
J JET
N NONE
P PISTON
S SUBMERSIBLE
Z OTHER

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
O OBSERVATION
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
BH 21	12361	GARY EARL	M A PENTZ	1953	8	94	3	S	89	5
BH 22	12514	ROBERTS H B	ROGER WHITE	1953	8	128	2	S	120	8
BH 23	12602	JACOBS J E	ROGER WHITE	1953	7	191	2	S	181	10
BH 24	12603	WARREN JAMES	ROGER WHITE	1953	8	180	2	S	172	8
BH 25	10606	BROWN KENNETH	ROY C SCOTT	1952	8	126	-	-	-	-
BH 26	27645	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1957	6	284	16	G	245	36
BH 27	37861	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1960	5	295	16	G	233	35
BH 28	50667	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1963	5	294	10	G	248	46
BH 29	50668	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1963	6	294	10	G	248	46
BH 30	W067W 56	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1967	6	298	16	G	232	45
BH 31	49586	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1962	5	278	4	S	263	15
BH 32	49585	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1962	5	281	4	S	266	15
BH 33	49587	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1962	5	368	4	S	352	16
BH 34	49588	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1962	4	353	4	S	337	16
BH 35	W069 15	OCEAN CITY	DELMARVA DRILLING CO	1968	4	285	6	G	240	45
BH 36	-	OCEAN CITY	DELMARVA DRILLING CO	1968	4	280	-	-	-	-
BH 37	-	OCEAN CITY	DELMARVA DRILLING CO	1968	5	280	2	S	240	40
BH 39	W069 1	O C CONVENTION HALL	SHANNAHAN ARTESIAN WELL CO	1969	4	308	16	S	268	40
BH 40	W069 2	O C CONVENTION HALL	SHANNAHAN ARTESIAN WELL CO	1969	4	298	16	S	258	40
BH 41	W069 80	OCEAN CITY	DELMARVA DRILLING CO	1969	4	318	10	G	258	60
BH 42	42209	ENGEL JOHN JR	EDWARD P SCHULTZ	1961	8	188	2	S	178	10
BH 43	47526	ENGEL JOHN JR	EDWARD P SCHULTZ	1962	8	188	2	S	180	8
BH 44	41963	COX JAMES B	ALVIN V STOOPS	1961	8	234	2	S	226	8
BH 46	39457	MARTIN HOWARD G	LEON JARRETT	1960	7	195	2	S	185	10
BH 47	40581	REED GEORGE W	ALVIN V STOOPS	1960	9	198	2	S	190	8
BH 48	47525	DENNIS OLIVE M	EDWARD P SCHULTZ	1962	8	247	2	S	239	8
BH 49	48066	POWELL ROLAND E	EDWARD P SCHULTZ	1962	7	239	2	S	229	10
BH 50	34033	POWELL ROLAND E	WILLIAM J PORTER	1959	7	186	2	S	178	8
BH 51	30787	HEGER PETER M	LEON JARRETT	1958	9	250	2	S	240	10
BH 52	34784	HEGER PETER M	WILLIAM J PORTER	1959	9	194	2	S	186	8
BH 53	39813	HACKING G E	WILLIAM J PORTER	1960	4	130	2	S	122	8
BH 54	37428	HITCHENS ERNEST	WILLIAM J PORTER	1960	8	195	2	S	187	8
BH 55	38250	STROHSACKER G K	WILLIAM J PORTER	1960	7	133	2	S	125	8

FINISH CODES

G GR PK+SCREEN
S SCREEN

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	7	6-53	22	6-53	50	6-53	2	3.3	H	-	L	BH 21
-	3	6-53	-	-	-	-	-	-	H	-	L	BH 22
POCOMOKE	5	8-53	-	-	-	-	-	-	H	-	L	BH 23
POCOMOKE	4	6-53	-	-	-	-	-	-	U	R	D L	BH 24
-	-	-	-	-	-	-	-	-	U	N	D L	BH 25
MANOKIN	9	8-57	94	8-57	776	8-57	13	9.1	P	T		BH 26
MANOKIN	1	2-60	82	2-60	715	2-60	24	8.8	P	T	E	BH 27
MANOKIN	2	3-63	22	3-63	703	3-63	24	35.1	P	T		BH 28
MANOKIN	0	4-63	34	4-63	503	4-63	24	14.8	P	T		BH 29
MANOKIN	1	3-67	79	3-67	726	3-67	10	9.3	P	-	E	BH 30
MANOKIN	+3	11-62	3	11-62	60	11-62	7	10.0	U	N	D J E	BH 31
MANOKIN	+7	11-62	9	11-62	60	11-62	18	5.5	U	N	E	BH 32
MANOKIN	+2	11-62	18	11-62	55	11-62	7	2.8	U	N	D L J F	BH 33
MANOKIN	+2	11-62	17	11-62	55	11-62	16	2.9	U	N	D	BH 34
MANOKIN	79	12-62	-	-	-	-	-	-	U	N	D J L	BH 35
MANOKIN	-	-	-	-	-	-	-	-	U	N	I	BH 36
MANOKIN	-	-	-	-	-	-	-	-	U	N		BH 37
MANOKIN	13	3-69	97	3-69	830	3-69	24	9.5	-	T		BH 38
MANOKIN	10	4-69	97	4-69	830	4-69	24	9.5	-	T		BH 39
MANOKIN	9	7-69	33	7-69	900	7-69	24	33.3	P	-	L	BH 41
POCOMOKE	10	4-61	28	4-61	25	4-61	4	1.4	-	-		BH 42
POCOMOKE	-	6-62	20	6-62	50	6-62	7	2.5	-	-		BH 43
MANOKIN	7	4-61	8	4-61	30	4-61	4	5.0	-	-		BH 44
POCOMOKE	3	8-60	-	-	20	-	4	-	-	-		BH 45
POCOMOKE	5	9-60	9	9-60	20	9-60	2	5.0	-	-		BH 47
MANOKIN	5	6-62	20	6-62	40	6-62	7	2.4	-	-		BH 49
MANOKIN	5	7-62	10	7-62	50	7-62	8	5.0	U	N		BH 50
POCOMOKE	7	4-59	-	-	20	-	7	-	U	N	U	BH 50
MANOKIN	3	5-58	-	-	30	-	4	-	U	N	I	BH 51
POCOMOKE	5	5-59	-	-	30	-	7	-	U	N	U	BH 52
-	2	7-60	-	-	60	-	7	-	U	N		BH 53
POCOMOKE	8	1-60	-	-	30	-	3	-	-	-		BH 54
-	3	5-62	-	-	20	-	3	-	U	-	I	BH 55

USE OF WATER CODES

H - HOUSEHOLD
P - PUBLIC SUPPLY
U - UNUSED

USE OF PUMP CODES

N - NONE
R - ROTARY
T - TURBINE

REMARKS CODES

D - DESTROYED
E - ELECTRIC LOG
J - GAMMA RAY LOG
L - DESCRIPTIVE LOG
O - OBSERVATION
T - TEST HOLE
U - UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
BH 56	46504	KELLY WILLIAM E	ALVIN V STOOPS	1962	16	195	2	S	189	6
BH 57	39418	BUERMANN ROBERT	ALVIN V STOOPS	1960	13	218	2	S	210	8
BH 58	39419	ECCLESTON W E	ALVIN V STOOPS	1960	12	218	2	S	210	8
BH 59	42148	BERRY GEORGE M	ALVIN V STOOPS	1961	7	234	2	S	226	8
BH 60	47700	ROTZ RICHARD I	EDWARD P SCHULTZ	1962	16	181	2	S	171	10
BH 61	38358	MARTIN REALTY CO INC	WILLIAM J PORTER	1960	16	134	2	S	126	8
BH 62	38812	HENRY H WENDELL	ALVIN V STOOPS	1960	11	229	2	S	221	8
BH 63	41825	ECCLESTON W E	ALVIN V STOOPS	1961	13	190	2	S	182	8
BH 64	41875	TIMOTHY MARK CO	ALVIN V STOOPS	1961	13	260	2	S	252	8
BH 65	41373	BOULDEN ALBERT	WILLIAM J PORTER	1960	7	185	2	S	177	8
BH 66	46215	WARREN JAMES	MARION O FORD	1962	8	190	2	S	174	22
BH 67	47524	LEWIS ANNA P	EDWARD P SCHULTZ	1962	6	188	2	S	178	10
BH 68	34862	SELWAY DONALD L	WILLIAM J PORTER	1959	11	123	2	S	113	10
BH 69	41874	KELLY WILLIAM	ALVIN V STOOPS	1961	11	265	2	S	257	8
BH 70	44501	KELLY WILLIAM	SHANNAHAN ARTESIAN WELL CO	1961	11	209	4	S	189	15
BH 71	30652	RICHARDSON JOSH	WILLIAM J PORTER	1958	5	190	2	S	182	8
BH 72	39041	BASSETT FLOYD F	WILLIAM J PORTER	1960	6	118	2	S	110	8
BH 73	34969	ABBOTT HENRY G	WILLIAM J PORTER	1959	8	97	2	S	89	8
BH 74	34674	SAVAGE WALTER J	WILLIAM J PORTER	1959	3	95	2	S	87	8
BH 75	28838	ABBOTT ALGER H	WILLIAM J PORTER	1957	10	92	2	S	84	8
BH 76	30872	COLLINS J EDWARD	LEON JARRETT	1958	8	92	2	S	86	6
BH 77	30758	NIGRIN JOSEPH	LEON JARRETT	1958	8	95	2	S	89	6
BH 78	18066	THE PADDOCK	M A PENTZ	1955	7	108	6	S	98	10
BH 79	47614	SEA SCAPE MOTEL	E R KAUFFMAN	1962	6	130	6	G	60	70
BH 80	47614	SEA SCAPE MOTEL	E R KAUFFMAN	1962	6	111	6	G	51	60
BH 81	WO71 80	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1971	5	297	8	G	227	50
BH 82	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	5	43	4	X	-	-
BH 83	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	5	38	4	X	-	-
CA 1	-	WEBB EDWARD	-	-	45	30	1	T	-	-
CA 2	-	MCGRATH J R	-	1927	40	23	1	T	-	-
CB 2	-	WILSON W K	-	1949	45	45	1	T	-	-
CB 3	-	NUSE DARMOND	-	1950	45	54	2	T	-	-

FINISH CODES

G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
POCOMOKE	10	5-62	25	5-62	20	5-62	4	1.3	U	N		BH 56
POCOMOKE	8	6-60	12	6-60	25	6-60	2	6.3	-	-		BH 57
POCOMOKE	8	6-60	12	6-60	25	6-60	2	6.3	-	-		BH 58
MANOKIN	3	4-61	9	4-61	30	4-61	5	5.0	U	N	U	BH 59
POCOMOKE	6	7-62	25	7-62	50	7-62	6	2.6	U	-		BH 60
PLEISTOCENE	12	4-60	-	-	20	-	2	-	-	-		BH 61
YORKTOWN	9	5-60	12	5-60	30	5-60	2	10.0	-	-		BH 62
POCOMOKE	6	3-61	11	3-61	35	3-61	4	7.0	-	-		BH 63
MANOKIN	4	2-61	9	2-61	35	2-61	2	7.0	-	-		BH 64
POCOMOKE	3	7-60	-	-	30	-	2	-	U	N		BH 65
POCOMOKE	1	3-62	-	-	22	-	4	-	U	N	U	BH 66
POCOMOKE	0	6-62	20	6-62	50	6-62	4	2.5	U	N		BH 67
PLEISTOCENE	8	6-59	-	-	30	-	2	-	U	N		BH 68
MANOKIN	4	2-61	9	2-61	35	2-61	2	7.0	U	N		BH 69
POCOMOKE	16	9-61	22	9-61	55	9-61	4	9.2	U	N	U	BH 70
POCOMOKE	2	5-58	-	-	30	-	2	-	U	N	D	BH 71
PLEISTOCENE	3	7-60	-	-	20	-	2	-	U	N	U	BH 72
PLEISTOCENE	3	6-59	-	-	20	-	2	-	U	N	U	BH 73
PLEISTOCENE	4	6-59	-	-	20	-	2	-	U	-		BH 74
PLEISTOCENE	5	10-57	-	-	30	-	2	-	U	N	U	BH 75
PLEISTOCENE	3	5-58	-	-	25	-	2	-	U	N		BH 76
PLEISTOCENE	2	5-58	-	-	30	-	3	-	U	N	D	BH 77
PLEISTOCENE	4	3-55	15	3-55	70	3-55	2	6.4	U	N	D	BH 78
PLEISTOCENE	8	6-62	28	6-62	100	6-62	8	5.0	A	T		BH 79
PLEISTOCENE	6	7-62	28	7-62	100	7-62	8	4.5	-	N		BH 80
MANOKIN	14	6-71	69	6-71	800	6-71	8	14.5	P	N	Q J E	BH 81
-	-	-	-	-	-	-	-	-	U	N	T	BH 82
-	-	-	-	-	-	-	-	-	U	N	T	BH 83
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		CA 1
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		CA 2
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		CB 2
PLEISTOCENE	-	-	-	-	-	-	-	-	H	J		CB 3

WATER USE CODES

A AIR COND.
H DOMESTIC
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
CB 5	-	DESTEFANO M	-	-	47	18	1	T	-	-
CB 6	-	CLARKSON MRS C	-	-	50	32	2	T	-	-
CB 7	-	PATTERSON ARCH	-	1949	49	59	1	T	-	-
CB 8	-	HALES ALBERT	-	-	49	65	1	T	-	-
CB 9	-	ST LUKES CHURCH	-	-	46	35	1	-	-	-
CB 10	38986	NUSE DARMOND	PHILIP W HUBBERT	1960	47	55	2	S	50	5
CB 11	W070 5	NUSE DARMOND	IDEAL WELL DRILLERS	1969	47	58	2	S	52	6
CC 1	-	MILLS MRS E	CLAYT SMULLEN	1950	40	18	1	T	-	-
CD 1	-	BURBAGE W T	DAVIS	1950	20	331	4	S	-	25
CD 2	-	BURBAGE W T	ROBERT MAGEE	-	20	125	1	S	-	-
CD 4	-	ADKINS ROONEY	C FARER	-	20	45	1	T	-	-
CD 5	-	CROPPER S SIDNEY	ROBERT MAGEE	1948	30	50	2	T	-	-
CD 7	-	SHOCKLEY RALPH	-	1946	46	35	1	T	-	-
CD 8	-	J W SHOCKLEY AND SONS	ROBERT MAGEE	1951	30	15	2	T	-	-
CD 9	-	JONES MRS W A	-	1935	30	40	1	T	-	-
CD 10	49352	J W SHOCKLEY AND SONS	SHANNAHAN ARTESIAN WELL CO	1962	35	31	4	S	26	6
CD 11	49353	J W SHOCKLEY AND SONS	SHANNAHAN ARTESIAN WELL CO	1962	35	31	4	S	26	6
CD 12	49354	J W SHOCKLEY AND SONS	SHANNAHAN ARTESIAN WELL CO	1962	35	31	4	S	26	6
CD 13	39439	CROPPER S SIDNEY	ALVIN V STOOPS	1960	35	280	2	S	272	8
CD 14	W068W 80	EDWARDS ROLAND	IDEAL WELL DRILLERS	1966	30	50	2	P	42	8
CD 15	W068W 62	MCMULLEN HUGH	IDEAL WELL DRILLERS	1966	30	70	2	S	65	5
CD 16	W067W 40	MCMULLEN HUGH	IDEAL WELL DRILLERS	1967	30	41	2	S	36	5
CD 17	W068W 64	MCMULLEN HUGH	IDEAL WELL DRILLERS	1968	30	55	2	G	50	5
CD 18	W070 10	EDWARDS CLEVELAN	IDEAL WELL DRILLERS	1969	30	55	2	S	50	5
CD 19	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	28	119	4	X	-	-
CE 1	-	TIMMONS RUSSELL	-	1946	30	27	36	-	-	-
CE 2	7881	MASON RALPH L	SHANNAHAN ARTESIAN WELL CO	1951	38	210	8	S	-	16
CE 5	-	DENNIS BILLIE P	-	1917	30	90	2	T	-	-
CE 6	-	DENNIS BILLIE P	-	-	30	12	2	T	-	-
CE 12	-	SOCONY VACUUM OIL CO	BIG CHIEF DRILLING CO	1945	30	7178	4	-	-	-
CE 13	-	DALTON FRED	-	-	30	21	1	T	-	-

FINISH CODES

G GR PK+SCREEN
P PERF OR SLTD
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		CB 5
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		CB 6
PLEISTOCENE	-	-	-	-	-	-	-	-	S	J		CB 7
PLEISTOCENE	-	-	-	-	-	-	-	-	U	P	U	CB 8
PLEISTOCENE	6M	9-47	-	-	-	-	-	-	H	P		CB 9
PLEISTOCENE	12	5-60	14	5-60	60	5-60	1	30.0	-	-		CB 10
PLEISTOCENE	6	8-69	30	8-69	60	8-69	1	2.5	H	-		CB 11
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		CC 1
MANOKIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	H	P		CD 1
POCOMOKE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANOKIN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-	-	-	-	-	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	-	-	-	-	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]
POCOMOKE	21	[illegible]	[illegible]	[illegible]	-	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	9M	-	-	-	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	-	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-	-	-	-	-	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]
PLEISTOCENE	6M	[illegible]	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

WATER USE CODES

H DOMESTIC
N INDUSTRIAL
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

C CENTRIFUGAL
J JET
N NONE
P PISTON

D DESTROYED
E ELECTRIC
G GAMMA RAY
[illegible]

[illegible]

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
CE 14	-	WILLIAMS AME CHURCH	-	-	25	12	1	T	-	-
CE 15	-	SPENCE BRUCE	-	-	30	22	1	T	-	-
CE 16	10795	WOR CO BOARD OF EDUCATION	ROY C SCOTT	1952	36	78	2	S	70	8
CE 17	-	MOLNAR WILLIAM	-	-	25	60	-	T	-	-
CE 18	-	MOLNAR WILLIAM	-	-	25	80	-	T	-	-
CE 19	W066W 25	MOLNAR WILLIAM	IDEAL WELL DRILLERS	1965	25	92	4	S	82	10
CE 20	56581	WIDGEON J BRYAN	CHARLES I DAISEY	1964	35	113	2	S	105	8
CE 21	53320	DENNIS WALTER L	CHARLES I DAISEY	1963	30	155	2	S	147	8
CE 22	-	DENNIS WALTER L	-	1958	30	-	-	T	-	-
CE 23	53393	DOWNS RALPH JR	CHARLES I DAISEY	1963	25	92	2	S	84	8
CE 24	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	30	119	4	X	-	-
CE 25	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	35	114	4	X	-	-
CE 26	-	MOLNAR WILLIAM	IDEAL WELL DRILLERS	1971	25	100	4	S	80	20
CE 27	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	35	32	4	X	-	-
CE 28	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	35	22	4	X	-	-
CE 29	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	10	125	4	X	-	-
CF 1	-	CITY OF BERLIN	KELLY WELL CO	1930	33	100	18	C	-	-
CF 2	-	CITY OF BERLIN	ENNIS BROS	1937	36	105	10	-	65	-
CF 3	1424	CITY OF BERLIN	JOHN RULON	1948	28	107	12	G	66	41
CF 16	-	DOWDY JOHN	-	1951	12	16	1	T	-	-
CF 17	-	BOUNDS CHARLIE	-	-	18	62	1	T	-	-
CF 18	-	HEINE HENRY H	-	-	10	14	1	T	-	-
CF 19	-	GRAY E K ROBINS	-	-	27	43	1	-	-	-
CF 20	-	BISHOP ARCHIE	C BAKER	1951	37	16	1	T	-	-
CF 21	-	HASTINGS	M A PENTZ	1938	38	98	6	S	-	-
CF 22	-	EAST HGWY CONST CORP	-	1951	20	17	1	T	-	-
CF 23	-	DAVIS ICE COAL	M A PENTZ	1941	40	110	6	S	90	-
CF 24	-	DAVIS ICE COAL	M A PENTZ	1945	40	110	6	S	90	-
CF 29	32497	O C GOLF YAGHT CLUB	LEON JARRETT	1958	4	147	6	-	-	-
CF 30	56184	CITY OF BERLIN	DELMARVA DRILLING CO	1964	34	120	10	F	100	20
CF 31	W068W 37	CITY OF BERLIN	DELMARVA DRILLING CO	1968	32	240	4	-	-	-
CF 32	W068W 68	CITY OF BERLIN	DELMARVA DRILLING CO	1968	36	122	18	G	71	45

FINISH CODES

C POROUS CONC.
F GR PK+SLTD CA
G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	H	P		CE 14
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	H	P		CE 15
-	11	8-52	14	8-52	15	8-52	10	5.0	T	J	L	CE 16
POCOMOKE	-	-	-	-	-	-	-	-	S	J		CE 17
POCOMOKE	-	-	-	-	-	-	-	-	H	J		CE 18
POCOMOKE	5	9-65	20	9-65	60	9-65	4	4.0	S	-	L	CE 19
POCOMOKE	8	3-64	20	3-64	40	3-64	3	3.3	S	P		CE 20
POCOMOKE	12	8-63	24	8-63	40	8-63	2	3.3	S	J	O L	CE 21
PLEISTOCENE	-	-	-	-	-	-	-	-	H	J		CE 22
POCOMOKE	8	8-63	20	8-63	40	8-63	2	3.3	S	J		CE 23
-	-	-	-	-	-	-	-	-	U	N	T J	CE 24
-	-	-	-	-	-	-	-	-	U	N	T J	CE 25
POCOMOKE	-	-	-	-	-	-	-	-	S	-	O	CE 26
-	-	-	-	-	-	-	-	-	U	N	T	CE 27
-	-	-	-	-	-	-	-	-	U	N	T	CE 28
-	-	-	-	-	-	-	-	-	U	N	T J	CE 29
PLEISTOCENE	17M	11-51	-	-	500	-	1	11.6	U	N	D L	CF 1
PLEISTOCENE	8	4-37	45	4-37	700	4-37	-	18.9	U	N	D L	CF 2
PLEISTOCENE	8	1-48	63	1-48	1015	1-48	-	18.5	P	T	O L	CF 3
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	H	P		CF 16
PLEISTOCENE	15M	5-52	-	-	-	-	-	-	H	P		CF 17
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	-	P		CF 18
PLEISTOCENE	14M	5-52	-	-	-	-	-	-	H	P		CF 19
PLEISTOCENE	6M	5-52	-	-	-	-	-	-	H	P		CF 20
PLEISTOCENE	-	-	-	-	-	-	-	-	-	T		CF 21
PLEISTOCENE	9M	5-52	-	-	-	-	-	-	-	P		CF 22
PLEISTOCENE	-	-	-	-	-	-	-	-	N	-		CF 23
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	CF 24
POCOMOKE	1	10-58	6	10-58	125	10-58	4	25.0	I	T		CF 29
POCOMOKE	15	3-64	62	3-64	344	3-64	20	7.3	P	T		CF 30
-	-	-	-	-	-	-	-	-	U	-	T L E	CF 31
PLEISTOCENE	17	7-68	56	7-68	1500	7-68	8	38.5	P	T		CF 32

WATER USE CODES

H DOMESTIC
I IRRIGATION
N INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
T INSTITUTIONAL
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
O CHEM ANALYSIS
T TEST HOLE

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
CF 33	W069 38	CITY OF BERLIN	SHANNAHAN ARTESIAN WELL CO	1969	18	83	5	S	72	-
CF 34	W069 60	HASTINGS EDWIN	IDEAL WELL DRILLERS	1969	42	115	4	S	105	10
CF 35	50981	HASTINGS EDWIN	HUBBERT PUMP & WELL CO	1963	42	120	2	S	108	12
CF 36	W069 3	DAILEY STANLEY	IDEAL WELL DRILLERS	1968	10	78	2	S	70	-
CF 37	35517	DAILEY STANLEY	WILLIAM J PORTER	1959	10	101	2	S	93	8
CF 38	W067W 49	DAILEY STANLEY	IDEAL WELL DRILLERS	1967	31	80	2	S	72	8
CF 39	21321	DAVIS ICE COAL	M A PENTZ	1955	38	108	6	S	96	12
CF 40	56471	DAVIS ICE COAL	DELMARVA DRILLING CO	1964	38	122	6	G	82	40
CF 41	35355	DAVIS THOMAS JR	WILLIAM J PORTER	1959	11	104	2	S	96	8
CF 42	W067W 38	DRYDEN EDGAR C	CHARLES I DAISEY	1966	40	115	2	S	109	6
CF 43	49355	HASTINGS RICHAR	CHARLES I DAISEY	1962	37	81	2	S	73	8
CF 44	37467	J R PHILLIPS AND SONS	DELMARVA DRILLING CO	1960	32	111	4	G	66	35
CF 45	-	J R PHILLIPS AND SONS	-	-	32	120	4	S	100	-
CF 46	31057	RALPH MASON CANNING CO	SAM SHANNAHAN WELL CO	1958	11	65	4	S	55	10
CF 47	W066W 99	RALPH MASON CANNING CO	HUBBERT PUMP & WELL CO	1966	7	46	2	S	41	5
CF 48	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	3	119	4	X	-	-
CF 49	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	20	119	4	X	-	-
CF 50	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	20	154	4	X	-	-
CG 5	1642	OCEAN CITY	SHANNAHAN ARTESIAN WELL CO	1947	4	180	8	S	160	20
CG 6	-	OCEAN CITY ICE CO	ROBERT MAGEE	1920	3	285	6	S	-	-
CG 7	-	OCEAN CITY ICE CO	SHANNAHAN ARTESIAN WELL CO	1947	3	90	6	S	70	20
CG 8	1018	OCEAN CITY ICE CO	SHANNAHAN ARTESIAN WELL CO	1947	3	189	10	S	159	30
CG 9	8512	DAVIS LYNCH FISH CO INC	PAUL WHITE	1951	5	76	4	S	68	8
CG 10	-	DAVIS LYNCH FISH CO INC	ROBERT MAGEE	1935	5	70	4	S	-	-
CG 14	561	FISHERMANS MARINA	ROGER WHITE	1946	6	94	2	S	86	8
CG 20	8229	OCEAN CITY ICE CO	PAUL WHITE	1951	3	80	3	S	70	10
CG 22	-	FOOKS EDGAR	-	1942	12	24	1	T	-	-
CG 23	-	DERICKSON M	-	1951	10	11	1	T	-	-
CG 24	-	HENRY CLARA	-	-	11	16	1	T	-	-
CG 25	-	SMITH MARY A	-	-	12	13	1	T	-	-
CG 27	-	HOLLOWAY VINCENT	C BAKER	1949	6	12	1	T	-	-
CG 28	-	JARVIS HARRY	-	-	11	11	1	T	-	-
CG 30	11038	COOP G W PROG	DELAWARE GEOLOGICAL SURVEY	1952	6	98	3	X	-	-

FINISH CODES

G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	7	3-69	19	3-69	60	3-69	6	5.0	P	S	O	CF 33
PLEISTOCENE	30	4-69	-	-	60	-	4	-	S	J	O L	CF 34
PLEISTOCENE	15	4-63	24	4-63	20	4-63	8	2.2	U	N	U	CF 35
PLEISTOCENE	10	8-68	25	8-68	40	8-68	2	2.7	H	J		CF 36
-	F	7-59	-	-	35	-	2	-	U	N	D	CF 37
PLEISTOCENE	22	1-67	30	1-67	20	1-67	2	2.5	H	J		CF 38
PLEISTOCENE	18	11-55	24	11-55	60	11-55	2	10.0	N	T	O	CF 39
PLEISTOCENE	18	2-64	50	2-64	100	2-64	16	3.1	N	T		CF 40
PLEISTOCENE	10	7-59	-	-	20	-	2	-	S	J		CF 41
PLEISTOCENE	35	11-66	-	-	40	-	3	-	H	J		CF 42
PLEISTOCENE	18	10-62	30	10-62	40	10-62	3	3.3	S	J	O	CF 43
PLEISTOCENE	14	5-60	18	5-60	100	5-60	12	25.0	N	L		CF 44
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	U	CF 45
PLEISTOCENE	4	7-58	16	7-58	50	7-58	6	4.2	H	C		CF 46
PLEISTOCENE	5	6-66	27	6-66	30	6-66	3	1.4	S	P	O	CF 47
-	-	-	-	-	-	-	-	-	U	N	T J	CF 48
-	-	-	-	-	-	-	-	-	U	N	T J	CF 49
-	-	-	-	-	-	-	-	-	U	N	T J	CF 50
POCOMOKE	8	7-47	16	7-47	120	7-47	6	15.0	-	T	O L	CG 5
MANOKIN	F	-	-	-	-	-	-	-	N	C	O	CG 6
PLEISTOCENE	0	3-47	-	-	-	-	-	-	N	C		CG 7
POCOMOKE	0	3-47	17	3-47	175	3-47	4	10.3	N	C	L	CG 8
PLEISTOCENE	5	9-51	20	9-51	105	9-51	6	7.0	-	-	L	CG 9
PLEISTOCENE	-	-	-	-	-	-	-	-	-	-		CG 10
PLEISTOCENE	3	6-46	-	-	50	-	2	-	C	P	L	CG 14
PLEISTOCENE	4	8-51	29	8-51	75	8-51	8	3.0	N	C	O L	CG 20
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	H	P		CG 22
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	H	P		CG 23
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	H	P		CG 24
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	H	P		CG 25
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	S	R		CG 27
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	S	P		CG 28
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	T L	CG 30

WATER USE CODES

C COMMERCIAL
H DOMESTIC
N INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

C CENTRIFUGAL
J JET
L MULT. CENTRI.
N NONE
P PISTON
R ROTARY
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
J GAMMA RAY LOG
L DESCRPTVE LOG
O CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
CG 31	-	MCCABE	-	1937	4	550	-	-	-	-
CG 32	18528	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1955	4	280	16	G	250	30
CG 33	18529	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1955	6	290	16	G	260	30
CG 34	W067W 57	OCEAN CITY	SYDNOR HYDRO-DYNAMICS INC	1967	5	300	16	G	226	45
CG 35	39695	TAYLOR ALFRED	ALVIN V STOOPS	1960	7	240	2	S	232	8
CG 36	25886	TAYLOR EARNEST	LEON JARRETT	1957	4	265	2	S	259	6
CG 37	49007	LYONN ZANE	BURNS WELL CO	1962	7	83	2	S	77	6
CG 38	-	LYONN ZANE	-	-	10	20	-	T	-	-
CG 39	39912	MOORE PETER	ALVIN V STOOPS	1960	4	79	2	S	70	8
CG 40	W067W 35	CLARK LAWRENCE	CHARLES J BUNDICK	1966	4	100	2	S	95	5
CG 41	W068W 71	MORRA J TRAILER PARK	CHARLES I DAISEY	1967	13	96	4	G	84	-
CG 42	52954	SUNSET PINES MOTEL	CHARLES I DAISEY	1963	4	105	2	S	97	8
CG 43	52365	ENDLESS SUMMER CAMP GROUND	BURNS WELL CO	1963	5	84	2	S	78	6
CG 44	53128	FRONTIER TOWN	EDWARD P SCHULTZ	1963	11	94	2	S	84	10
CG 45	W066W 3	FRONTIER TOWN	EDWARD P SCHULTZ	1965	11	94	4	S	84	10
CG 46	-	FRONTIER TOWN	-	-	11	50	2	-	-	-
CG 47	-	FRONTIER TOWN	-	-	11	50	2	-	-	-
CG 48	-	FRONTIER TOWN	-	-	4	45	-	T	-	-
CG 49	-	FRONTIER TOWN	-	-	4	45	-	-	-	-
CG 50	W070 56	FRONTIER TOWN	DELMARVA DRILLING CO	1970	4	110	4	S	100	10
CG 51	W070 58	FRONTIER TOWN	DELMARVA DRILLING CO	1970	4	115	4	S	105	10
CG 52	W067W 27	MD ST MARINE POLICE	IDEAL WELL DRILLERS	1966	4	104	4	S	96	8
CG 53	29549	BELDINS MARINE ENGIN SHOP	PAUL WHITE	1958	5	90	3	S	84	6
CG 54	W066W 4	MARTIN FISH CO	CHARLES I DAISEY	1965	4	115	4	S	107	-
CG 55	50898	VILLA NOVA COTTAGES	PAUL WHITE	1963	12	85	4	S	75	10
CG 56	31697	DAVIS LYNCH FISH CO INC	PAUL WHITE	1958	5	79	3	S	73	6
CG 57	25885	COFFIN JAMES C	LEON JARRETT	1957	9	275	2	S	269	6
CG 58	41247	MAST RESTAURANT	ALVIN V STOOPS	1960	5	180	2	S	172	8
CG 59	42710	MAST RESTAURANT	ALVIN V STOOPS	1961	5	138	2	S	130	8
CG 60	W067W 78	BREX EDWARD	CHARLES J BUNDICK	1967	6	95	2	S	90	5
CG 61	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	10	119	4	X	-	-
CG 62	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	7	119	4	X	-	-
CG 63	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	5	144	4	X	-	-

FINISH CODES

G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
-	-	-	-	-	-	-	-	-	H	-		CG 31
MANOKIN	F	5-55	29	5-55	663	5-55	24	16.6	P	T	L	CG 32
MANOKIN	F	5-55	29	5-55	663	5-55	24	13.8	P	T		CG 33
MANOKIN	2	3-67	39	3-67	869	3-67	8	23.5	P	T	E	CG 34
MANOKIN	7	7-60	9	7-60	20	7-60	2	10.0	S	P	Q L	CG 35
MANOKIN	+ 8	2-57	-	-	30	-	4	-	H	-		CG 36
PLEISTOCENE	4	9-62	10	9-62	30	9-62	2	5.0	Z	J		CG 37
PLEISTOCENE	-	-	-	-	-	-	-	-	S	J		CG 38
PLEISTOCENE	0	8-60	4	8-60	15	8-60	1	3.8	H	J		CG 39
PLEISTOCENE	1	10-66	28	10-66	60	10-66	2	2.2	H	J		CG 40
PLEISTOCENE	-	-	-	-	-	-	-	-	P	S	Q	CG 41
-	6	8-63	18	8-63	50	8-63	3	4.2	-	-		CG 42
PLEISTOCENE	1	7-63	6	7-63	30	7-63	4	6.0	-	-		CG 43
PLEISTOCENE	5	7-63	22	7-63	60	7-63	4	3.5	-	J	Q	CG 44
PLEISTOCENE	-	-	-	-	-	-	-	-	R	J		CG 45
PLEISTOCENE	-	-	-	-	-	-	-	-	C	P		CG 46
PLEISTOCENE	-	-	-	-	-	-	-	-	C	P		CG 47
PLEISTOCENE	-	-	-	-	-	-	-	-	P	J		CG 48
PLEISTOCENE	-	-	-	-	-	-	-	-	P	J		CG 49
POCOMOKE	0	5-70	11	5-70	60	5-70	2	5.5	P	S		CG 50
POCOMOKE	0	5-70	6	5-70	60	5-70	2	10.0	P	S		CG 51
PLEISTOCENE	6	9-66	75	9-66	100	9-66	2	1.4	H	C		CG 52
PLEISTOCENE	5	1-58	27	1-58	75	1-58	3	3.4	-	C		CG 53
PLEISTOCENE	8	7-65	20	7-65	40	7-65	3	3.3	N	S	Q	CG 54
PLEISTOCENE	8	3-63	29	3-63	40	3-63	4	1.9	C	C		CG 55
PLEISTOCENE	3	9-58	26	9-58	60	9-58	6	2.6	-	-		CG 56
MANOKIN	4	1-57	-	-	30	-	4	-	-	-		CG 57
POCOMOKE	0	11-60	3	11-60	25	11-60	4	8.3	-	-		CG 58
-	0	-	7	-	50	-	3	7.1	-	-		CG 59
PLEISTOCENE	5	6-67	25	6-67	40	6-67	2	2.0	-	-		CG 60
-	-	-	-	-	-	-	-	-	U	N	T J	CG 61
-	-	-	-	-	-	-	-	-	U	N	T J	CG 62
-	-	-	-	-	-	-	-	-	U	N	T J	CG 63

WATER USE CODES

C COMMERCIAL
H DOMESTIC
N INDUSTRIAL
P PUBLIC SUPPLY
R RECREATION
S STOCK SUPPLY
U UNUSED
Z OTHER

PUMP TYPE CODES

C CENTRIFUGAL
J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
Q CHEM ANALYSIS
T TEST HOLE

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
CG 64	W070 55	ENDLESS SUMMER CAMP GROUND	DELMARVA DRILLING CO	1970	5	115	8	S	100	15
CG 65	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	10	19	4	X	-	-
CG 66	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	10	12	4	X	-	-
CG 67	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	10	12	4	X	-	-
DB 1	W068W 11	TAYLOR WILLIAM	MARION O FORD	1967	45	252	2	S	236	16
DB 2	W069 25	BENSON FRED E	MARION O FORD	1968	40	240	2	S	224	16
DB 3	W066W 13	RICHARDSON R L	IDEAL WELL DRILLERS	1965	45	233	2	S	224	9
DC 14	3413	CUBLER ED J	ENNIS BROS	1948	20	59	6	S	-	7
DC 16	A122	MD DEPT FORESTS AND PARKS	ROY C SCOTT	1951	25	115	2	S	-	10
DC 17	W065W 77	MD DEPT FORESTS AND PARKS	IDEAL WELL DRILLERS	1965	30	303	4	S	288	15
DC 18	49514	HOLLY FARMS POULTRY	LAWRENCE E COWGER	1962	20	138	2	S	-	-
DC 19	W066W 28	HOLLY FARMS POULTRY	E R KAUFFMAN	1965	20	355	2	G	295	60
DC 20	W068W 31	HOLLY FARMS POULTRY	E R KAUFFMAN	1965	20	350	4	G	330	20
DC 21	W065W 74	FULTON MARTHA N	E R KAUFFMAN	1965	11	320	2	G	260	60
DC 22	W070 15	FULTON MARTHA N	DELMARVA DRILLING CO	1969	11	320	4	S	300	20
DC 23	-	MD DEPT FORESTS AND PARKS	-	-	30	46	1	T	-	-
DC 24	W068W 32	BOLEN RICHARD L	IDEAL WELL DRILLERS	1967	30	60	2	S	54	6
DC 25	W066W 57	ARDDIS ALBERT	IDEAL WELL DRILLERS	1966	25	60	2	S	52	8
DC 26	W068W 18	ARDDIS ALBERT	CHARLES J BUNDICK	1967	25	140	2	S	135	5
DC 27	W066W 34	CARMEAN DOUGLAS	HUBBERT PUMP & WELL CO	1965	40	71	2	S	65	6
DD 7	-	CITY SNOW HILL	SHANNAHAN ARTESIAN WELL CO	1896	10	290	6	-	-	-
DD 8	-	CITY SNOW HILL	SHANNAHAN ARTESIAN WELL CO	1925	10	290	8	-	-	-
DD 9	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1949	15	20	1	T	-	-
DD 10	2648	CITY SNOW HILL	SHANNAHAN ARTESIAN WELL CO	1948	20	366	10	S	306	60
DD 15	-	W T ONLEY CANNING CO	M A PENTZ	1936	6	285	6	-	-	-
DD 16	-	W T ONLEY CANNING CO	M A PENTZ	1938	6	90	4	S	84	6
DD 17	-	WESLEY CANNING CO	M A PENTZ	1947	20	100	4	S	80	-
DD 23	5630	BROWN CANNING C	M A PENTZ	1950	17	80	8	S	70	10
DD 24	-	WOR FERTILIZER CO	M A PENTZ	1935	10	285	6	O	-	-
DD 25	16	DRYDEN HATCHERY	ENNIS BROS	1945	15	330	6	S	320	10
DD 26	28	MD CHICKEN PROCESSORS	ENNIS BROS	1945	5	336	6	S	315	20
DD 27	1889	MD CHICKEN PROCESSORS	M A PENTZ	1947	5	286	6	S	276	10

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
-	5	5-70	10	5-70	60	5-70	2	12.0	P	S		CG 64
-	-	-	-	-	-	-	-	-	U	N	T	CG 65
-	-	-	-	-	-	-	-	-	U	N	T	CG 66
-	-	-	-	-	-	-	-	-	U	N	T	CG 67
MANOKIN	8	9-67	-	-	10	-	2	-	S	J		DB 1
MANOKIN	24	10-68	-	-	10	-	2	-	H	J		DB 2
MANOKIN	40	12-65	60	12-65	40	12-65	24	2.0	S	-	L E	DB 3
PLEISTOCENE	10	4-48	41	4-48	110	4-48	8	3.5	I	C	L	DC 14
POCOMOKE	12	8-51	20	8-51	14	8-51	7	1.8	U	N	U L	DC 16
YORKTOWN	19	9-65	81	9-65	80	9-65	24	1.3	H	S	L E	DC 17
POCOMOKE	19	12-62	-	-	20	-	3	-	U	N	U	DC 18
MANOKIN	15	11-65	20	11-65	20	11-65	2	4.0	U	N	U	DC 19
MANOKIN	28	12-67	86	12-67	40	12-67	3	0.7	S	J	L	DC 20
MANOKIN	12	7-65	25	7-65	40	7-65	2	3.1	U	N	D	DC 21
MANOKIN	15	-	25	-	15	-	2	1.5	S	J	L	DC 22
PLEISTOCENE	11M	1-70	-	-	-	-	-	-	U	N	U	DC 23
PLEISTOCENE	12	12-67	28	12-67	30	12-67	2	1.9	H	-		DC 24
PLEISTOCENE	18	1-66	25	1-66	20	1-66	2	2.9	H	J		DC 25
POCOMOKE	8	9-67	25	9-67	60	9-67	2	3.5	-	-		DC 26
PLEISTOCENE	26	11-65	34	11-65	20	11-65	9	2.5	-	J		DC 27
MANOKIN	4	10-47	10	10-47	211	10-47	-	35.2	U	N	U	DD 7
MANOKIN	6	10-47	14	10-47	246	10-47	-	30.8	P	T		DD 8
PLEISTOCENE	10M	2-52	-	-	-	-	-	-	U	-	O	DD 9
MANOKIN	17	6-48	102	6-48	500	6-48	24	5.9	P	T	O L	DD 10
MANOKIN	F	2-52	-	-	-	-	-	-	N	T		DD 15
PLEISTOCENE	F	2-52	-	-	-	-	-	-	N	C		DD 16
PLEISTOCENE	-	-	-	-	-	-	-	-	N	T		DD 17
PLEISTOCENE	6	6-50	11	6-50	50	6-50	2	10.0	U	N	D L	DD 23
MANOKIN	-	-	-	-	-	-	-	-	U	-	U	DD 24
MANOKIN	10M	8-47	-	-	365	-	-	28.1	N	T	L	DD 25
MANOKIN	F	9-45	-	-	180	-	33	-	N	T	L	DD 26
MANOKIN	5M	8-47	-	-	100	-	8	3.3	N	S	L	DD 27

WATER USE CODES

H DOMESTIC
I IRRIGATION
M INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

C CENTRIFUGAL
J JET
N NONE
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
L DESCRPTVE LOG
O OBSERVATION
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
DD 28	-	PHILA DAIRY PRODUCTS	-	-	17	65	6	S	-	-
DD 31	-	HOLLY FARMS POULTRY	M A PENTZ	1938	18	325	3	S	-	-
DD 33	-	SHOCKLEY EDWARD	-	1916	33	25	1	T	-	-
DD 34	-	DICKERSON ALBERT	CLAYT SMULLEN	-	22	28	1	T	-	-
DD 36	8992	WOR CO BOARD OF EDUCATION	MIDDLETOWN WELL DRILLING CO	1952	35	162	6	-	152	10
DD 37	W065W 47	W T ONLEY CANNING CO	IDEAL WELL DRILLERS	1965	5	312	8	G	262	50
DD 38	W068W 5	HARRIS MRS W JR	CHARLES J BUNDICK	1967	5	175	2	S	170	5
DD 39	12236	HOLLY FARMS POULTRY	SHANNAHAN ARTESIAN WELL CO	1953	18	318	4	S	298	20
DD 40	W070 32	HOLLY FARMS POULTRY	SHANNAHAN ARTESIAN WELL CO	1969	18	352	6	S	301	51
DD 41	30438	SHOCKLEY PERCY	WILLIAM J PORTER	1958	27	255	2	S	243	12
DD 42	W066W 10	DISHAROON BROTHERS	HUBBERT PUMP & WELL CO	1965	29	73	2	S	65	8
DD 43	W065W 86	CARMEAN THURMAN	EDWARD P SCHULTZ	1965	36	82	2	S	76	6
DD 44	46665	MD ST ROADS COMMISSION	SHANNAHAN ARTESIAN WELL CO	1962	17	330	4	S	320	10
DD 45	33149	MD ST ROADS COMMISSION	PHILIP W HUBBERT	1959	17	76	2	S	64	-
DD 46	W067W 10	MD CHICKEN PROCESSORS	IDEAL WELL DRILLERS	1966	4	350	-	-	-	-
DD 47	W067W 52	MD CHICKEN PROCESSORS	IDEAL WELL DRILLERS	1967	4	330	10	G	270	60
DD 48	-	MD CHICKEN PROCESSORS	-	-	4	120	4	-	-	-
DD 49	-	MD CHICKEN PROCESSORS	-	-	4	120	4	-	-	-
DD 50	54057	CITY SNOW HILL	SHANNAHAN ARTESIAN WELL CO	1963	22	359	10	S	301	58
DD 51	21068	WOR CO BOARD OF EDUCATION	ROY C SCOTT	1955	23	84	2	S	72	12
DD 52	W065W 71	WHITE DONALD	IDEAL WELL DRILLERS	1965	24	70	2	S	60	-
DD 53	W068W 27	WOR CO DOG POUND	CHARLES I DAISEY	1967	24	78	2	S	72	6
DD 54	W069 79	CIVIL DEFENCE SHELTER	IDEAL WELL DRILLERS	1969	16	61	2	S	51	10
DD 55	W068W 19	TRUITT FRANCIS	IDEAL WELL DRILLERS	1967	32	58	2	G	53	5
DD 56	31496	PAUL M JONES	M A PENTZ	1959	21	85	4	S	80	5
DD 57	-	COPES SEVERN	-	-	38	95	1	T	-	-
DD 58	W066W 84	COPES SEVERN	IDEAL WELL DRILLERS	1966	38	100	2	S	88	10
DD 59	W066W 98	RALPH MASON CANNING CO	HUBBERT PUMP & WELL CO	1966	24	44	2	S	39	5
DE 2	-	TAYLOR REGINALD	-	1900	40	13	32	O	-	-
DE 3	-	BOWEN RAYMOND	-	1951	17	52	1	T	-	-
DE 8	-	NOCK MRS SARAH	-	1926	35	28	24	S	-	-
DE 16	-	DENNIS WILL	-	1949	8	21	1	T	-	-

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	-	-	-	-	-	-	-	-	N	P		DD 28
MANOKIN	-	-	-	-	-	-	-	-	U	N	D	DD 31
PLEISTOCENE	10M	6-52	-	-	-	-	-	-	U	P	U	DD 33
PLEISTOCENE	5M	6-52	-	-	-	-	-	-	U	P	U	DD 34
POCOMOKE	26	12-51	-	-	200	-	72	-	T	T		DD 36
MANOKIN	2	4-65	-	-	1000	-	12	-	-	-	L J E	DD 37
POCOMOKE	0	8-67	8	8-67	40	8-67	5	5.0	C	J		DD 38
MANOKIN	11	6-53	16	6-53	30	6-53	6	6.0	N	T		DD 39
MANOKIN	30	12-69	60	12-69	200	12-69	12	6.7	N	T		DD 40
MANOKIN	8	7-58	-	-	20	-	3	-	H	J	L	DD 41
PLEISTOCENE	10	8-65	28	8-65	45	8-65	5	2.5	S	P		DD 42
PLEISTOCENE	18	6-65	30	6-65	40	6-65	2	3.3	S	P		DD 43
MANOKIN	7	5-62	13	5-62	30	5-62	4	5.0	H	S	L	DD 44
PLEISTOCENE	12M	2-70	-	-	54	-	24	27.0	U	N	U	DD 45
MANOKIN	-	-	-	-	-	-	-	-	U	-	T E	DD 46
MANOKIN	24	3-67	-	-	-	-	-	-	N	-		DD 47
POCOMOKE	-	-	-	-	-	-	-	-	N	T		DD 48
POCOMOKE	-	-	-	-	-	-	-	-	N	T		DD 49
MANOKIN	20	10-63	28	10-63	128	10-63	8	16.0	P	T		DD 50
PLEISTOCENE	8	9-55	17	9-55	20	9-55	11	2.2	-	P		DD 51
PLEISTOCENE	15	5-65	25	5-65	40	5-65	2	4.0	H	J		DD 52
PLEISTOCENE	14	10-67	24	10-67	40	10-67	3	4.0	S	J		DD 53
PLEISTOCENE	6	7-69	30	7-69	60	7-69	1	2.5	P	-		DD 54
PLEISTOCENE	19	11-67	25	11-67	25	11-67	1	4.2	H	-		DD 55
PLEISTOCENE	15	12-59	23	12-59	30	12-59	3	3.8	I	T		DD 56
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		DD 57
PLEISTOCENE	22	4-66	30	4-66	20	4-66	2	2.5	I	N	L	DD 58
PLEISTOCENE	7	9-66	27	9-66	30	9-66	3	1.5	S	P		DD 59
PLEISTOCENE	6M	1-52	-	-	-	-	-	-	H	P		DE 2
PLEISTOCENE	3M	1-52	-	-	-	-	-	-	H	P		DE 3
PLEISTOCENE	21M	1-52	-	-	-	-	-	-	H	P		DE 8
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	H	P		DE 16

WATER USE CODES

C COMMERCIAL
H DOMESTIC
I IRRIGATION
N INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
T INSTITUTIONAL
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
DE 17	-	CROPPER SIDNEY	ROBERT MAGEE	1949	35	40	1	T	-	-
DE 18	-	DENNIS WALT	-	1945	32	15	1	T	-	-
DE 19	-	JOHNSON OTHO	-	1949	37	12	1	T	-	-
DE 20	-	TRADER HARVEY	-	1930	25	19	20	O	-	-
DE 22	-	DENNIS ROLUS	-	-	23	55	1	T	-	-
DE 23	W068W 59	DRYDEN JAMES	IDEAL WELL DRILLERS	1968	31	55	2	G	50	5
DE 24	W068W 61	DRYDEN GEORGE	IDEAL WELL DRILLERS	1968	31	60	2	G	55	5
DE 25	W068W 25	SMITH WALTER R	IDEAL WELL DRILLERS	1968	36	60	2	G	55	5
DE 26	-	SMITH WALTER R	-	-	36	25	1	T	-	-
DE 27	W069 46	MCCABE LLOYD T	IDEAL WELL DRILLERS	-	33	30	2	S	25	5
DE 28	W067W 5	JOHNSON T J III	IDEAL WELL DRILLERS	1966	36	81	2	G	73	8
DE 29	50827	JOHNSON THOM JR	EDWARD P SCHULTZ	1963	25	75	2	S	65	10
DE 30	W067W 21	DRYDEN GEORGE	IDEAL WELL DRILLERS	1966	12	60	2	S	52	8
DE 31	W067W 46	SMACK LEON	MARION O FORD	1967	45	153	2	S	139	14
DE 32	W067W 76	POWELL FRANK B	IDEAL WELL DRILLERS	1967	30	39	2	S	34	5
DE 33	W071 98	WOR CO SANITARY DISTRICT	SYDNOR HYDRO-DYNAMICS INC	1971	27	202	8	G	170	20
DE 34	-	NEWARK FIRE DEPT	DELMARVA DRILLING CO	1965	30	90	4	S	10	80
DE 35	-	SMITH ELLA	ROBERT MAGEE	1960	30	-	1	T	-	-
DF 1	-	DISHAROON P	ROBERT MAGEE	1950	17	74	2	T	-	-
DF 2	-	BOUNDS RAYMOND	-	1936	10	14	1	T	-	-
DF 3	W067W 19	O C GOLF YACHT CLUB	SHANNAHAN ARTESIAN WELL CO	1966	5	144	10	S	119	25
DF 4	40252	SAVAGE WILLIAM	WILLIAM J PORTER	1960	3	145	2	S	137	8
DF 5	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	5	130	4	X	-	-
DF 6	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1971	4	52	4	X	-	-
DG 1	11037	COOP G W PROG	DELAWARE GEOLOGICAL SURVEY	1952	9	79	3	-	-	-
DG 2	11039	COOP G W PROG	DELAWARE GEOLOGICAL SURVEY	1952	9	89	3	X	-	-
DG 3	-	U S COAST GUARD	-	-	8	15	-	-	-	-
DG 4	11943	ACKERMAN LEON	ROY C SCOTT	1953	8	151	2	S	141	10
DG 5	12189	WALKER R C	ROY C SCOTT	1953	8	150	2	S	140	10
DG 6	W065W 62	MD DEPT FORESTS AND PARKS	SHANNAHAN ARTESIAN WELL CO	1965	5	302	8	S	282	20
DG 8	W068W 23	NATIONAL PARK SERVICE	IDEAL WELL DRILLERS	1967	7	314	6	G	290	20
DG 9	W069 35	MD DEPT FORESTS AND PARKS	IDEAL WELL DRILLERS	1969	4	316	8	G	272	30
DG 10	-	MD DEPT FORESTS AND PARKS	IDEAL WELL DRILLERS	-	5	313	8	G	278	30

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	13M	5-52	-	-	-	-	-	-	U	N	U	DE 17
PLEISTOCENE	6M	5-52	-	-	-	-	-	-	H	P		DE 18
PLEISTOCENE	5M	5-52	-	-	-	-	-	-	H	P		DE 19
PLEISTOCENE	14M	5-52	-	-	-	-	-	-	H	B		DE 20
PLEISTOCENE	11M	5-52	-	-	-	-	-	-	H	P		DE 22
PLEISTOCENE	15	5-68	25	5-68	30	5-68	1	3.0	H	P		DE 23
PLEISTOCENE	17	5-68	25	5-68	30	5-68	1	3.8	H	-		DE 24
PLEISTOCENE	11	8-68	25	8-68	30	8-68	1	2.1	H	J		DE 25
PLEISTOCENE	3M	2-70	-	-	-	-	-	-	U	N	U	DE 26
PLEISTOCENE	18	4-69	25	4-69	10	4-69	1	1.4	C	P		DE 27
PLEISTOCENE	26	7-66	45	7-66	25	7-66	2	1.3	S	J		DE 28
PLEISTOCENE	14	3-63	28	3-63	50	3-63	3	3.6	S	J		DE 29
PLEISTOCENE	15	9-66	30	9-66	40	9-66	1	2.7	S	J		DE 30
POCOMOKE	24	1-67	-	-	14	-	2	-	H	J	L	DE 31
PLEISTOCENE	18	6-67	28	6-67	15	6-67	1	1.5	-	-		DE 32
POCOMOKE	11	7-71	19	7-71	100	7-71	24	12.5	P	N	O J E	DE 33
PLEISTOCENE	-	-	-	-	-	-	-	-	F	C	O	DE 34
PLEISTOCENE	-	-	-	-	1	-	-	-	H	P	O	DE 35
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		DF 1
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	U	N	U	DF 2
POCOMOKE	6	11-66	12	11-66	43	11-66	6	7.2	I	T	O L	DF 3
YORKTOWN	F	9-60	-	-	32	-	3	-	-	-		DF 4
-	-	-	-	-	-	-	-	-	U	N	T J	DF 5
-	-	-	-	-	-	-	-	-	U	N	T	DF 6
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	T L	DG 1
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	T L	DG 2
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	U	DG 3
-	3	4-53	8	4-53	30	4-53	8	6.0	U	N	U L J	DG 4
YORKTOWN	4M	9-53	-	-	25	-	8	5.0	U	N	U O L	DG 5
MANOKIN	F	4-65	9	4-65	120	4-65	24	0.8	P	-	E	DG 6
MANOKIN	1	11-67	-	-	-	-	6	-	P	-	L E	DG 8
MANOKIN	4	3-69	-	-	-	-	-	-	P	-	E J	DG 9
MANOKIN	5	5-69	-	-	-	-	-	-	P	-	O L J E	DG 10

WATER USE CODES

C COMMERCIAL
F FIRE PROTEC.
H DOMESTIC
I IRRIGATION
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

B BUCKET
C CENTRIFUGAL
J JET
N NONE
P PISTON
T TURBINE

REMARKS CODES

E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
O CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
DG 11	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	6	119	4	X	-	-
DG 12	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	4	43	4	X	-	-
DG 13	-	COOP G W PROG	U S GEOLOGICAL SURVEY	1970	4	40	4	X	-	-
DG 14	30077	KLINEFELTER ART	ROY C SCOTT	1958	6	163	3	S	151	12
DG 15	30078	AMBROGI LEO	ROY C SCOTT	1958	3	150	3	S	138	12
DG 16	30079	LIBSHUTZ HARRY	ROY C SCOTT	1958	3	150	3	S	138	12
DG 17	15627	SCHLADT GEORGE	ROY C SCOTT	1954	9	167	3	S	155	12
DG 18	16238	POOLE H WALLACE	ROY C SCOTT	1954	6	159	3	S	147	12
DG 19	16817	THURSTON MRS J	ROY C SCOTT	1954	9	168	3	S	156	12
EB 2	-	DEVAUX RALPH	-	1942	6	14	1	-	-	-
EB 4	-	MD DEPT FORESTS AND PARKS	-	1951	25	100	2	-	-	-
EB 5	-	CORBIN ED	-	1949	31	13	1	-	-	-
EB 9	-	FINNEY J F	-	1937	28	22	1	S	-	-
EB 10	-	AMES WILLIE	-	-	25	9	24	O	-	-
EB 13	-	-	-	-	25	41	1	-	-	-
EB 17	W065W 78	MD DEPT FORESTS AND PARKS	IDEAL WELL DRILLERS	1965	20	324	4	S	304	20
EB 18	53760	WILKINS WILLIAM	MARION O FORD	1963	25	294	2	S	278	16
EB 19	50708	STURGIS WOODROW	WILLIAM J PORTER	1963	25	288	2	S	280	8
EB 20	47399	STURGIS WOODROW	LAWRENCE E COWGER	1962	25	113	2	S	105	8
EB 21	-	STURGIS WOODROW	-	-	20	-	-	T	-	-
EB 22	W067W 61	FACJEW PHILLIP	IDEAL WELL DRILLERS	1967	10	78	2	S	72	6
EB 23	51185	COWGER JAMES W	LAWRENCE E COWGER	1963	6	127	2	S	115	12
EB 24	W066W 78	COWGER JAMES W	MARION O FORD	1966	6	105	2	S	93	12
EC 7	-	SHILOH CHURCH	-	1907	5	12	1	-	-	-
EC 10	-	PAYNE ARTHUR	-	1892	13	12	22	O	-	-
EC 11	-	BURBAGE THELMA	BEAUCHAMP	1946	35	44	1	T	-	-
EC 15	-	PAYNE WILSON	-	-	21	40	1	-	-	-
EC 16	-	HOLLY FARMS POULTRY	CLAYT SMULLEN	1950	16	17	1	T	-	-
EC 17	-	DRYDEN CHAS	-	1947	6	34	1	-	-	-
EC 21	-	ADKINS JOHN J	-	1942	13	33	1	S	-	-
EC 22	-	BOYER DR A J	CLAYT SMULLEN	1942	12	50	1	-	-	-
EC 23	-	HOPE CLIFTON	-	-	12	12	1	-	-	-

FINISH CODES

O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
-	-	-	-	-	-	-	-	-	U	N	T J	DG 11
-	-	-	-	-	-	-	-	-	U	N	T J	DG 12
-	-	-	-	-	-	-	-	-	U	N	T	DG 13
YORKTOWN	2	8-58	18	8-58	15	8-58	8	0.9	-	-		DG 14
YORKTOWN	3	8-58	14	8-58	15	8-58	8	1.4	-	-		DG 15
YORKTOWN	2	8-58	12	8-58	15	8-58	10	1.5	-	-		DG 16
YORKTOWN	2	7-54	-	-	-	-	-	-	U	-	U	DG 17
YORKTOWN	2	-	9	-	14	-	8	2.0	-	-		DG 18
YORKTOWN	3	10-54	12	10-54	12	10-54	8	1.3	U	-	U J	DG 19
PLEISTOCENE	5M	5-52	-	-	-	-	-	-	H	P		EB 2
-	-	-	-	-	-	-	-	-	U	-		EB 4
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	H	P		EB 5
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	H	P		EB 9
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	H	B		EB 10
PLEISTOCENE	11M	5-52	-	-	-	-	-	-	U	P	U	EB 13
MANOKIN	18M	7-65	-	-	66	-	24	1.5	H	S	L E	EB 17
MANOKIN	16	9-63	-	-	18	-	2	-	S	-	L	EB 18
MANOKIN	15	4-63	-	-	20	-	3	-	H	J		EB 19
POCOMOKE	22	7-62	-	-	20	-	4	-	U	N	D	EB 20
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		EB 21
POCOMOKE	2	3-67	30	3-67	50	3-67	1	1.8	S	P		EB 22
POCOMOKE	F	5-63	-	-	-	-	-	-	P	J		EB 23
POCOMOKE	-	-	-	-	-	-	-	-	P	J		EB 24
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	H	P		EC 7
PLEISTOCENE	6M	5-52	-	-	-	-	-	-	H	B		EC 10
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	U	EC 11
PLEISTOCENE	7M	5-52	-	-	-	-	-	-	S	P		EC 15
PLEISTOCENE	-	-	-	-	-	-	-	-	U	-	U	EC 16
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	U	N	U	EC 17
PLEISTOCENE	10M	5-52	-	-	-	-	-	-	S	P		EC 21
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	EC 22
PLEISTOCENE	9M	5-52	-	-	-	-	-	-	U	N	D	EC 23

WATER USE CODES

H DOMESTIC
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

B BUCKET
J JET
N NONE
P PISTON
S SUBMERSIBLE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
FC 25	-	BISHOP GEORGE	BEAUCHAMP	1947	22	17	1	S	-	-
FC 26	11422	MD DEPT FORESTS AND PARKS	ROY C SCOTT	1953	7	117	2	S	105	12
FC 27	50519	MD DEPT FORESTS AND PARKS	SHANNAHAN ARTESIAN WELL CO	1963	11	331	6	S	321	10
FC 28	55824	MD DEPT FORESTS AND PARKS	SHANNAHAN ARTESIAN WELL CO	1963	11	352	2	S	321	10
FC 29	52090	MD DEPT FORESTS AND PARKS	SHANNAHAN ARTESIAN WELL CO	1963	18	342	8	S	321	20
FC 30	W070 14	NASSAWANGO COUNTRY CLUB	DELMARVA DRILLING CO	1969	10	360	-	S	312	6
FC 31	21897	HOPE CLIFTON	CUSICK	1956	11	127	2	T	112	15
FC 32	21966	HOPE CLIFTON	CUSICK	1956	25	140	2	T	125	15
FC 33	52269	BAILEY EUGENE R	WILLIAM J PORTER	1963	26	138	2	S	130	8
FC 34	W069 75	REID GROVER	MARION O FORD	1969	28	83	2	S	71	12
FC 35	46541	BURBAGE THELMA	LAWRENCE E COWGER	1962	35	260	2	S	252	8
FC 36	-	BURBAGE THELMA	-	-	35	11	24	O	-	-
FC 37	W065W 83	HOLLY FARMS POULTRY	E R KAUFFMAN	1965	16	178	2	G	138	40
FC 38	17237	BOYER DR A J	WILLIAM J PORTER	1954	12	126	3	S	114	12
FC 39	10989	REDDEN MARY R	ROY C SCOTT	1952	42	205	2	S	-	-
FC 40	W066W 66	WARD MICHEAL	WILLIAM J PORTER	1966	16	263	2	S	255	8
ED 5	-	W T ONLEY	ROBERT MAGEE	1947	37	101	2	T	-	-
ED 7	5005	GOLDHABER J	M A PENTZ	1949	36	100	4	S	90	10
ED 8	46	SELBY M P	ENNIS BROS	1945	36	181	4	S	-	10
ED 9	-	PILCHARD ELMER	FRED KELLAM	1951	35	198	2	-	-	-
ED 10	9125	SCARBOROUGH C	ROY C SCOTT	1952	35	112	3	X	94	-
ED 11	-	HOUCK THEO	FRED KELLAM	1951	38	180	4	S	-	-
ED 13	-	HANCOCK CORA	CLAYT SMULLEN	1940	38	21	1	T	-	-
ED 14	-	HANCOCK CORA	-	1917	39	13	-	O	-	-
ED 15	-	GASKILL MELVIN	JOHN SCOTT	1950	40	197	2	S	-	-
ED 16	9584	CHAPMAN B CLAY	ROY C SCOTT	1952	40	151	3	-	97	-
ED 17	-	MCKITTRICK ROBE	-	-	38	17	20	S	-	-
ED 18	-	BRATTEN G E	-	-	40	10	20	O	-	-
ED 19	-	ROGERS MRS H	-	-	32	10	1	T	-	-
ED 20	-	GODFREY LAWRENC	CLAYT SMULLEN	1949	25	34	1	T	-	-
ED 22	W067W 31	WATERS JAMES	MARION O FORD	1966	27	141	2	S	125	16
ED 23	W065W 82	HOLLY FARMS POULTRY	E R KAUFFMAN	1965	38	185	2	G	145	40

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	S	P		EC 25
POCOMOKE	3	2-53	8	2-53	18	2-53	12	3.6	H	-	L	EC 26
MANOKIN	7	12-63	31	12-63	70	12-63	-	2.9	P	S		EC 27
MANOKIN	7	12-63	65	12-63	35	12-63	9	0.6	U	-	T L	EC 28
MANOKIN	13	7-63	76	7-63	234	7-63	24	3.7	P	T	L	EC 29
MANOKIN	12	10-69	30	10-69	10	10-69	3	0.6	U	N	T L J E	EC 30
POCOMOKE	2	1-56	4	1-56	25	1-56	2	12.5	H	P		EC 31
POCOMOKE	20	1-56	22	1-56	25	1-56	2	12.5	-	-		EC 32
POCOMOKE	9	7-63	-	-	25	-	2	-	H	P		EC 33
POCOMOKE	10	6-69	-	-	10	-	2	-	H	J		EC 34
MANOKIN	23	5-62	-	-	25	-	6	-	H	J	L	EC 35
PLEISTOCENE	3M	2-70	-	-	-	-	-	-	U	N	U	EC 36
POCOMOKE	14	7-65	24	7-65	25	7-65	2	2.5	S	P		EC 37
POCOMOKE	8	12-54	-	-	60	-	12	-	H	J		EC 38
POCOMOKE	-	-	-	-	-	-	-	-	H	J	DEEPENED FROM 116' IN 1957	EC 39
MANOKIN	18	3-66	-	-	15	-	4	-	-	-	L	EC 40
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		ED 5
PLEISTOCENE	27	11-49	35	11-49	10	11-49	2	1.3	S	J	L	ED 7
POCOMOKE	28	10-45	42	10-45	40	10-45	16	2.9	H	J	Q L	ED 8
POCOMOKE	-	-	-	-	-	-	-	-	H	J		ED 9
PLEISTOCENE	17	1-52	23	1-52	10	1-52	12	1.7	H	J	L	ED 10
POCOMOKE	-	-	-	-	-	-	-	-	S	J		ED 11
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	ED 13
PLEISTOCENE	1M	4-70	-	-	-	-	-	-	U	N	U	ED 14
POCOMOKE	-	-	-	-	-	-	-	-	H	J		ED 15
POCOMOKE	28	3-52	35	3-52	10	3-52	1	1.4	H	J	L	ED 16
PLEISTOCENE	7M	6-52	-	-	-	-	-	-	H	P		ED 17
PLEISTOCENE	3M	6-52	-	-	-	-	-	-	H	B		ED 18
PLEISTOCENE	6M	6-52	-	-	-	-	-	-	U	N	D	ED 19
PLEISTOCENE	6M	6-52	-	-	-	-	-	-	H	P		ED 20
POCOMOKE	23	10-66	-	-	10	-	2	-	H	P		ED 22
POCOMOKE	24	7-65	26	7-65	20	7-65	4	10.0	S	J		ED 23

WATER USE CODES

H DOMESTIC
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

B BUCKET
J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
J GAMMA RAY LOG
L DESCRPTVE LOG
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
ED 24	W068W 63	TOOMEY HARVEY	E R KAUFFMAN	1968	40	178	2	G	168	10
ED 25	29358	VAN ESS BOB	CUSICK	1957	40	120	2	T	100	20
ED 26	W067W 79	FEETHAM WM F	IDEAL WELL DRILLERS	1967	40	40	2	S	34	6
ED 27	W066W 67	FEETHAM WM F	IDEAL WELL DRILLERS	1966	45	78	2	G	70	8
ED 28	-	FEETHAM WM F	IDEAL WELL DRILLERS	1965	45	180	2	S	-	-
ED 29	W066W 48	RILEY LEONARD W	HUBBERT PUMP & WELL CO	1966	40	94	2	S	86	8
ED 30	W069 41	J W SHOCKLEY	CHARLES I DAISEY	1969	27	202	2	S	193	9
ED 31	W066W 17	CHERRIX VINCENT	MARION O FORD	1965	35	98	2	S	90	8
ED 32	W069 22	CHERRIX VINCENT	MARION O FORD	1968	35	99	2	-	87	12
ED 33	21656	GIRDLETREE FIRE DEPT	M A PENTZ	1956	36	73	4	S	68	5
ED 34	-	GIRDLETREE FIRE DEPT	-	-	36	12	2	T	-	-
ED 35	W066W 74	JONES GARLAND B	WILLIAM J PORTER	1966	30	183	2	S	175	8
ED 36	-	JONES GARLAND B	-	-	28	80	2	T	-	-
ED 37	W066W 61	HANCOCK CORA	WILLIAM J PORTER	1966	39	208	2	S	200	8
ED 38	W066W 30	ARDIS DOLLY	WILLIAM J PORTER	1965	38	192	2	S	184	8
ED 39	W067W 33	LYONS PERCY	MARION O FORD	1966	36	101	2	S	89	12
ED 40	-	LYONS PERCY	-	-	38	16	-	T	-	-
ED 41	46295	W T ONLEY CANNING CO	E R KAUFFMAN	1962	36	80	6	S	60	20
ED 42	W066W 38	RICHARDSON	WILLIAM J PORTER	1965	41	133	2	S	125	8
ED 43	W067W 71	RICHARDSON	WILLIAM J PORTER	1967	37	121	2	S	-	8
ED 44	55290	PERDUE JOHN	IDEAL WELL DRILLERS	1963	36	83	2	S	70	13
ED 45	24158	JONES VAUGHN T	ROY C SCOTT	1956	45	168	2	S	156	12
EE 2	-	MOORE THOMAS A	CLAYT SMULLEN	1946	15	45	2	T	-	-
EE 3	-	MOORE THOMAS A	-	-	15	11	24	O	-	-
EE 5	-	CONNER THOMAS I	-	1911	40	13	24	-	-	-
EE 6	-	CONNER THOMAS I	CLAYT SMULLEN	1945	40	103	2	T	-	-
EE 11	-	PHILLIPS WM	-	-	38	11	1	T	-	-
EE 13	-	AYDELOTTE O T	CLAYT SMULLEN	1949	37	47	1	T	-	-
EE 15	W068W 70	FIGGS ALLEN	WILLIAM J PORTER	1968	5	180	2	S	172	8
EE 16	W066W 40	MOORE THOMAS A	IDEAL WELL DRILLERS	1965	30	100	2	G	90	-
EE 17	W069 47	JOHNSON EJNER	CHARLES J BUNDICK	1969	35	100	2	S	95	5
EE 1	12212	ACKERMAN LEON	ROY C SCOTT	1953	7	172	2	S	166	10

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
POCOMOKE	28	6-68	-	-	-	-	2	-	H	J	L	ED 24
-	31	11-57	34	11-57	30	11-57	3	10.0	H	J		ED 25
PLEISTOCENE	20	5-67	25	5-67	4	5-67	2	0.8	U	N	U	ED 26
PLEISTOCENE	17	3-66	30	3-66	30	3-66	2	2.3	S	J		ED 27
POCOMOKE	30	-65	-	-	-	-	-	-	H	J		ED 28
PLEISTOCENE	29	1-66	65	1-66	18	1-66	6	0.5	S	J		ED 29
POCOMOKE	18	2-69	26	2-69	40	2-69	3	5.0	S	P		ED 30
-	17	8-65	-	-	16	-	2	-	S	P		ED 31
-	14	9-68	-	-	10	-	2	-	S	P		ED 32
PLEISTOCENE	21	1-56	40	1-56	60	1-56	2	3.2	F	T		ED 33
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		ED 34
POCOMOKE	23	3-66	-	-	30	-	2	-	H	J		ED 35
PLEISTOCENE	-	-	-	-	-	-	-	-	S	-		ED 36
POCOMOKE	30	1-66	-	-	30	-	5	-	H	J	L	ED 37
POCOMOKE	30	10-65	-	-	12	-	4	-	H	-		ED 38
PLEISTOCENE	18	10-66	-	-	10	-	2	-	S	-		ED 39
PLEISTOCENE	-	-	-	-	-	-	-	-	H	-		ED 40
PLEISTOCENE	15	3-62	45	3-62	75	3-62	8	2.5	U	-	U	ED 41
-	30	11-65	-	-	12	-	2	-	H	-		ED 42
-	28	7-67	-	-	10	-	4	-	-	J		ED 43
PLEISTOCENE	28	11-63	46	11-63	15	11-63	6	0.8	-	-		ED 44
-	6	8-56	9	8-56	15	8-56	6	5.0	H	J		ED 45
PLEISTOCENE	-	-	-	-	-	-	-	-	H	P		EE 2
PLEISTOCENE	5M	1-52	-	-	-	-	-	-	U	N	U	EE 3
PLEISTOCENE	6M	1-52	-	-	-	-	-	-	H	P		EE 5
PLEISTOCENE	-	-	-	-	-	-	-	-	U	-	U	EE 6
PLEISTOCENE	3M	6-52	-	-	-	-	-	-	H	P		EE 11
PLEISTOCENE	25M	6-52	-	-	-	-	-	-	H	P		EE 13
POCOMOKE	5	9-68	-	-	25	-	2	-	H	J	L	EE 15
PLEISTOCENE	38	12-65	60	12-65	20	12-65	4	0.9	U	J	U	EE 16
PLEISTOCENE	26	3-69	46	3-69	27	3-69	3	1.3	H	J	L	EE 17
YORKTOWN	1M	9-53	-	-	20	-	8	4.0	U	N	U Q L J	FF 1

WATER USE CODES

F FIRE PROTEC.
H DOMESTIC
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
T TURBINE

REMARKS CODES

J GAMMA RAY LOG
L DESCRPTVE LOG
Q CHEM ANALYSIS
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
EF 2	12329	VAN ROON PETER	ROY C SCOTT	1953	4	228	2	S	218	10
EF 3	12729	MCCONVILLE R E	ROY C SCOTT	1953	4	167	2	S	159	10
EF 8	15331	RIDEN FRANK A	ROY C SCOTT	1954	10	164	2	S	152	12
EF 9	18330	RIDEN FRANK A	ROY C SCOTT	1955	10	171	2	S	159	12
EF 10	15828	MALONE EDWARD T	ROY C SCOTT	1954	4	169	2	S	157	12
EF 11	16123	BARR LINDIN	ROY C SCOTT	1954	2	174	2	S	162	12
EF 12	18329	BUNTING CLAYTON	ROY C SCOTT	1955	3	167	2	S	155	12
EF 13	15427	RING O B	ROY C SCOTT	1954	8	188	2	S	176	12
EF 14	24230	GLASSMAN B	LEON JARRETT	1956	4	178	2	S	168	10
EF 15	24231	GLASSMAN B	LEON JARRETT	1956	4	178	2	T	168	10
EF 16	24232	GLASSMAN B	LEON JARRETT	1956	5	178	2	S	168	10
EF 17	24233	GLASSMAN B	LEON JARRETT	1956	4	178	2	S	168	10
EF 18	25452	CULLOM KENNETH	ROY C SCOTT	1957	8	194	2	S	182	12
EF 19	26628	BOSTON VICTOR	ROY C SCOTT	1957	5	182	2	S	170	12
EF 20	31716	STANSBURY H	ROY C SCOTT	1958	8	174	2	S	162	12
EF 21	42895	HUNGERFORD C JR	ALVIN V STOOPS	1961	3	143	2	S	135	8
EF 22	W066W 33	HUNGERFORD C JR	MARION O FORD	1965	3	210	2	S	202	8
EF 23	44394	KREWATCH WM V	ALVIN V STOOPS	1961	4	192	2	S	184	8
EF 24	53052	VALENTINE C B	WILLIAM J PORTER	1963	3	196	2	S	184	12
EF 25	22305	CLEAVES A C	ROY C SCOTT	1956	8	178	2	S	166	12
FA 1	-	MERRILL UPSHUR	-	1940	19	22	1	T	-	-
FA 2	-	MERRILL UPSHUR	-	-	20	10	24	O	-	-
FA 4	-	MCKAY KERMIT	BEECHUP	1948	15	25	1	T	-	5
FA 6	-	CULDEN L	-	-	12	21	2	T	-	-
FA 7	-	STEVENSON ED	-	1945	20	20	2	T	-	-
FA 9	-	MERRILL HARGIS	BEECHUP	1948	15	32	1	T	28	4
FA 11	-	CHESSER KEITH	-	-	7	18	2	T	-	-
FA 12	55302	PILCHARD H J	LAWRENCE E COWGER	1964	16	145	2	S	-	-
FA 13	W069 63	MARINER JOSEPH	WILLIAM J PORTER	1969	10	123	2	S	115	-
FA 14	55920	HALL DALE	WILLIAM J PORTER	1964	11	108	2	S	100	8
FA 15	W069 72	AYRES ROBERT	MARION O FORD	1969	22	116	2	S	108	8
FA 16	32283	MERRILL HARGIS	WILLIAM J PORTER	1958	15	145	2	S	137	8

FINISH CODES

O OPEN END
S SCREEN
T SAND POINT

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
POCOMOKE	12	6-53	20	6-53	12	6-53	7	1.5	U	N	D L	EF 2
YORKTOWN	0M	9-53	-	-	20	-	4	1.4	U	P	U O L J	FF 3
YORKTOWN	3	6-54	8	6-54	18	6-54	10	3.6	-	-		FF 8
YORKTOWN	2	4-55	7	4-55	25	4-55	8	5.0	-	-		FF 9
YORKTOWN	-	-	-	-	20	-	10	-	U	-	U J	EF 10
YORKTOWN	F	8-54	-	-	20	-	10	-	-	-		FF 11
YORKTOWN	2	4-55	8	4-55	4	4-55	8	0.7	-	-		EF 12
POCOMOKE	3	6-54	9	6-54	12	6-54	9	2.0	-	-		FF 13
YORKTOWN	+1	8-56	-	-	20	-	4	-	H	-		EF 14
YORKTOWN	+1	8-56	-	-	20	-	4	-	U	-	D	FF 15
YORKTOWN	+1	8-56	-	-	25	-	4	-	U	-	U	FF 16
YORKTOWN	+1	8-56	-	-	25	-	4	-	U	-	D	FF 17
POCOMOKE	2	1-57	14	1-57	18	1-57	10	1.5	-	-		FF 18
YORKTOWN	3	4-57	8	4-57	20	4-57	8	4.0	-	-		FF 19
YORKTOWN	3	8-58	14	8-58	20	8-58	8	1.8	-	-		FF 20
-	0	5-61	5	5-61	40	5-61	2	8.0	-	-		EF 21
POCOMOKE	2	12-65	-	-	30	-	3	-	-	-	L	EF 22
POCOMOKE	0	11-61	4	11-61	10	11-61	4	2.5	U	-	U	EF 23
POCOMOKE	F	8-63	-	-	20	-	2	-	-	-		EF 24
YORKTOWN	2	7-56	11	7-56	18	7-56	8	2.0	U	-	U	FF 25
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		FA 1
PLEISTOCENE	7M	10-52	-	-	-	-	-	-	U	N	U	FA 2
PLEISTOCENE	-	-	-	-	-	-	-	-	S	J		FA 4
PLEISTOCENE	6M	10-52	-	-	-	-	-	-	H	P		FA 6
PLEISTOCENE	9M	10-52	-	-	-	-	-	-	H	P		FA 7
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	FA 9
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		FA 11
POCOMOKE	11	5-64	-	-	20	-	6	-	H	J	L	FA 12
POCOMOKE	9	7-69	-	-	20	-	3	-	H	-		FA 13
POCOMOKE	3	3-64	-	-	25	-	2	-	H	-	L	FA 14
POCOMOKE	9	6-69	-	-	10	-	2	-	H	J		FA 15
POCOMOKE	10	9-58	-	-	22	-	4	-	H	R		FA 16

WATER USE CODES

H DOMESTIC
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
R ROTARY

REMARKS CODES

D DESTROYED
J GAMMA RAY LOG
L DESCRPTVE LOG
O CHEM ANALYSIS
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
FA 17	W067W 83	MERRILL HARGIS	EDGAR A MARSHALL	1967	15	141	2	S	135	6
FB 1	-	POCOMOKE CITY	M A PENTZ	1946	20	128	8	S	-	-
FB 2	1633	POCOMOKE CITY	JOHN RULON	1947	20	130	10	S	100	30
FB 3	-	POCOMOKE CITY	KELLY WELL CO	1928	20	30	24	-	-	-
FB 4	-	POCOMOKE CITY	KELLY WELL CO	1928	20	30	24	-	-	-
FB 5	-	POCOMOKE CITY	KELLY WELL CO	1928	20	34	24	-	-	-
FB 6	-	POCOMOKE CITY	KELLY WELL CO	1928	20	38	24	-	-	-
FB 7	-	POCOMOKE CITY	KELLY WELL CO	1928	20	41	24	-	-	-
FB 8	2369	POCOMOKE CITY	LAYNE-ATLANTIC CO	1948	20	115	8	G	95	20
FB 9	2678	POCOMOKE CITY	LAYNE-ATLANTIC CO	1948	15	104	8	S	84	20
FB 10	2337	MASON CANNING	SHANNAHAN ARTESIAN WELL CO	1948	5	124	16	G	108	16
FB 11	5717	CAMPBELL SOUP	LAYNE-ATLANTIC CO	1950	3	130	8	S	110	20
FB 12	6477	BIRDSEYE	SHANNAHAN ARTESIAN WELL CO	1950	4	128	10	G	108	20
FB 13	-	MASON CANNING	SHANNAHAN ARTESIAN WELL CO	1942	6	85	16	-	-	-
FB 14	8540	POCOMOKE CITY	LAYNE-ATLANTIC CO	1952	20	141	8	S	100	25
FB 15	-	MASON CANNING	ARTESIAN WELL CO	1937	7	123	8	S	-	-
FB 16	-	MASON CANNING	ARTESIAN WELL CO	1938	6	200	8	-	-	-
FB 17	2270	POCOMOKE CITY	LAYNE-ATLANTIC CO	1948	28	150	8	G	110	40
FB 18	9083	MIDWAY CHEVROLET	ROGER WHITE	1952	28	170	2	S	-	-
FB 19	-	POCOMOKE CITY	SHANNAHAN ARTESIAN WELL CO	1907	4	1540	6	-	-	-
FB 20	-	CAMPBELL SOUP	LAYNE-ATLANTIC CO	1950	3	130	2	-	-	-
FB 21	-	CAMPBELL SOUP	SHANNAHAN ARTESIAN WELL CO	1950	4	141	2	-	-	-
FB 23	-	WATSON WALTER	-	1944	15	10	2	-	-	-
FB 27	-	BUNTING W T	-	-	25	21	2	T	-	-
FB 28	-	BARNES P T	-	-	26	50	1	T	-	4
FB 31	-	TOWNSEND LLOYD	-	1918	23	37	1	T	-	-
FB 37	-	CHAPHE EARL J	WILLIAM J PORTER	1943	33	59	2	T	-	-
FB 38	-	CHAPHE EARL J	-	-	33	9	26	O	-	-
FB 39	-	CHAPHE EARL J	-	1943	33	30	1	T	-	-
FB 40	-	BEAUCHAMP LOUIS	-	-	32	9	24	O	-	-
FB 42	-	TAYLOR W H	-	1925	20	20	1	T	-	-
FB 43	-	POCOMOKE CITY	KELLY WELL CO	1928	20	34	-	-	-	-

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pump-ing	Date	Gallons per minute (gpm)	Date						
POCOMOKE	-	-	-	-	20	-	2	-	H	-	L	FA 17
POCOMOKE	18	-47	-	-	-	-	-	-	U	T	U L	FB 1
POCOMOKE	30	10-47	90	10-47	154	10-47	24	2.6	U	T	U L	FB 2
PLEISTOCENE	10M	5-50	-	-	-	-	-	-	U	N	U L	FB 3
PLEISTOCENE	7M	5-50	-	-	-	-	-	-	U	N	U L	FB 4
PLEISTOCENE	6M	5-50	-	-	-	-	-	-	U	N	U L	FB 5
PLEISTOCENE	8M	5-50	-	-	-	-	-	-	U	N	U L	FB 6
PLEISTOCENE	6	5-50	-	-	-	-	-	-	U	N	U L	FB 7
POCOMOKE	21	4-48	37	4-48	328	4-48	24	20.5	U	N	D L	FB 8
-	16	8-48	69	8-48	302	8-48	24	5.7	U	N	D Q L	FB 9
POCOMOKE	13	5-50	91	5-50	250	5-50	24	3.2	N	T	L	FB 10
POCOMOKE	13	5-50	21	5-50	325	5-50	24	40.6	F	T	L	FB 11
POCOMOKE	17	8-50	46	8-50	658	8-50	10	22.7	N	T	L	FB 12
POCOMOKE	-	-	-	-	-	-	-	-	N	T	L	FB 13
POCOMOKE	29	2-52	71	2-52	319	2-52	10	7.6	U	T	U L	FB 14
POCOMOKE	18M	8-52	-	-	-	-	-	-	U	N	U	FB 15
YORKTOWN	3M	8-52	-	-	-	-	-	-	U	N	U	FB 16
POCOMOKE	22	5-48	74	5-48	170	5-48	48	3.3	U	N	D L	FB 17
POCOMOKE	9	5-52	14	5-52	15	5-52	20	3.0	U	N	D L	FB 18
-	F	9-07	-	-	-	-	-	-	U	N	U L	FB 19
POCOMOKE	0M	1-53	-	-	-	-	-	-	U	N	D	FB 20
POCOMOKE	1M	1-53	-	-	-	-	-	-	U	N	D	FB 21
PLEISTOCENE	6M	-	-	-	-	-	-	-	U	N	U	FB 23
PLEISTOCENE	14M	10-52	-	-	-	-	-	-	S	P		FB 27
PLEISTOCENE	9M	10-52	-	-	-	-	-	-	H	P		FB 28
PLEISTOCENE	12M	10-52	-	-	-	-	-	-	S	P		FB 31
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	U	FB 37
PLEISTOCENE	5M	12-52	-	-	-	-	-	-	U	N	D	FB 38
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	FB 39
PLEISTOCENE	3M	12-52	-	-	-	-	-	-	H	P		FB 40
PLEISTOCENE	5M	10-52	-	-	-	-	-	-	U	P	U	FB 42
PLEISTOCENE	-	-	-	-	-	-	-	-	U	-	T L	FB 43

WATER USE CODES

F FIRE PROTEC.
H DOMESTIC
N INDUSTRIAL
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

N NONE
P PISTON
T TURBINE

REMARKS CODES

D DESTROYED
L DESCRPTVE LOG
Q CHEM ANALYSIS
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
FB 44	33813	POCOMOKE CITY	SHANNAHAN ARTESIAN WELL CO	1959	15	112	10	S	82	30
FB 45	45223	POCOMOKE CITY	ARTESIAN WELL CO	1962	20	134	10	G	106	15
FB 46	50977	POCOMOKE CITY	SYDNOR HYDRO-DYNAMICS INC	1963	20	140	10	S	95	37
FB 47	51632	POCOMOKE CITY	SYDNOR HYDRO-DYNAMICS INC	1963	20	350	6	S	-	-
FB 48	52583	POCOMOKE CITY	SHANNAHAN ARTESIAN WELL CO	1963	15	140	10	S	82	20
FB 49	57395	POCOMOKE CITY	SHANNAHAN ARTESIAN WELL CO	1964	20	158	-	X	-	-
FB 50	W065W 12	POCOMOKE CITY	SHANNAHAN ARTESIAN WELL CO	1964	20	145	10	S	95	50
FB 51	W068W 7	TWIN TOWERS MOTEL	CHARLES J BUNDICK	1967	22	238	4	S	228	10
FB 52	46523	TWIN TOWERS MOTEL	WILLIAM J PORTER	1962	22	233	2	S	8	8
FB 53	12910	TWIN TOWERS MOTEL	M A PENTZ	1953	22	150	4	S	142	8
FB 54	43335	MARSHALL STUDIO	EDGAR A MARSHALL	1961	26	160	2	S	152	8
FB 55	46143	MARSHALL STUDIO	EDGAR A MARSHALL	1962	26	77	2	S	65	12
FB 56	46319	MARSHALL STUDIO	EDGAR A MARSHALL	1962	26	73	2	S	60	13
FB 57	W067W 29	STARLIGHT BAR + RESTAURANT	CHARLES J BUNDICK	1966	10	140	2	S	135	5
FB 58	41270	DELMARVA SEAFOOD BAR	WILLIAM J PORTER	1962	26	234	2	S	226	8
FB 59	46793	OUTTEN NORRIS	LAWRENCE E COWGER	1962	26	208	2	S	200	8
FB 60	W069 9	DARI TREAT	EDGAR A MARSHALL	1968	26	147	2	S	141	6
FB 61	W068W 69	FAIRS FURNITURE	EDGAR A MARSHALL	1968	25	236	2	S	228	8
FB 62	37138	BAYLIS PRESTON	WILLIAM J PORTER	1959	22	145	2	S	137	8
FB 63	W067W 60	ATLANTIC TRUCK STOP	WILLIAM J PORTER	1967	22	150	2	S	142	8
FB 64	22778	ATLANTIC TRUCK STOP	WILLIAM J PORTER	1956	22	145	2	S	137	8
FB 65	43206	POCOMOKE PURE TRUCK STOP	WILLIAM J PORTER	1961	22	42	3	S	34	8
FB 66	43206	POCOMOKE PURE TRUCK STOP	WILLIAM J PORTER	1961	22	43	3	S	35	8
FB 67	48325	DICKS MOBIL STATION	LAWRENCE E COWGER	1962	22	150	2	S	-	-
FB 68	53258	US 13 DRIVE-IN	EDGAR A MARSHALL	1963	22	143	2	S	135	8
FB 69	19257	US 13 DRIVE-IN	ROY A LINTON	1955	22	146	2	T	138	8
FB 70	31986	B L TRAILER CT	WILLIAM J PORTER	1958	22	152	2	S	144	8
FB 71	38999	TRI STATE OIL CO	WILLIAM J PORTER	1960	23	136	2	S	-	-
FB 72	44980	JOHNSON DR L E	WILLIAM J PORTER	1961	23	196	2	S	188	8
FB 73	W069 45	TAYLOR KENNETH	CHARLES J BUNDICK	1969	25	240	2	S	235	5
FB 74	26827	POCOMOKE CITY	SYDNOR HYDRO-DYNAMICS INC	1957	20	138	10	S	101	20
FB 75	21172	CAMPBELL SOUP	SHANNAHAN ARTESIAN WELL CO	1955	5	135	10	S	113	-
FB 76	W069 51	CHESSER KEITH	WILLIAM J PORTER	1969	7	115	2	S	107	-

FINISH CODES

G GR PK+SCREEN
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
POCOMOKE	21	4-59	77	4-59	330	4-59	24	5.9	U	N	D	FB 44
POCOMOKE	31	1-62	79	1-62	160	1-62	52	3.3	U	N	U	FB 45
POCOMOKE	33	4-63	-	-	167	-	24	-	U	N	U	FB 46
MANOKIN	14	5-63	-	-	-	-	-	-	U	N	D L E	FB 47
POCOMOKE	28	9-63	60	9-63	380	9-63	24	11.9	P	T		FB 48
POCOMOKE	-	-	-	-	-	-	-	-	U	N	T	FB 49
POCOMOKE	35	8-64	53	8-64	445	8-64	8	24.7	P	T		FB 50
MANOKIN	17	7-67	32	7-67	50	7-67	8	3.3	C	S	L	FB 51
MANOKIN	9	5-62	-	-	32	-	3	-	C	J		FB 52
POCOMOKE	12	8-53	40	8-53	35	8-53	4	1.3	C	J		FB 53
POCOMOKE	18	9-61	23	9-61	13	9-61	2	2.6	C	J		FB 54
PLEISTOCENE	10	2-62	-	-	18	-	2	-	C	J		FB 55
PLEISTOCENE	10	3-62	-	-	17	-	3	-	C	J		FB 56
POCOMOKE	13	10-66	40	10-66	20	10-66	3	0.7	C	J		FB 57
YORKTOWN	13	3-62	-	-	22	-	4	-	C	J		FB 58
POCOMOKE	17	5-62	-	-	15	-	5	-	C	P		FB 59
POCOMOKE	18	10-68	-	-	12	-	1	-	C	J		FB 60
MANOKIN	14	6-68	-	-	20	-	1	-	C	J		FB 61
POCOMOKE	11	11-59	-	-	20	-	2	-	C	P		FB 62
POCOMOKE	6	4-67	-	-	15	-	2	-	C	P		FB 63
POCOMOKE	12	5-56	-	-	20	-	6	-	U	N	D	FB 64
PLEISTOCENE	8	7-61	-	-	40	-	2	-	C	P		FB 65
PLEISTOCENE	10	8-61	-	-	-	-	-	-	C	J		FB 66
POCOMOKE	13	8-62	-	-	17	-	5	-	C	P		FB 67
POCOMOKE	10	9-63	-	-	20	-	2	-	C	J		FB 68
POCOMOKE	-	-	-	-	-	-	-	-	U	N	D	FB 69
POCOMOKE	10	9-58	-	-	28	-	1	-	H	J		FB 70
POCOMOKE	10	5-60	-	-	18	-	2	-	C	P		FB 71
POCOMOKE	8	11-61	-	-	20	-	3	-	S	J		FB 72
MANOKIN	20	3-69	46	3-69	28	3-69	3	1.1	C	J		FB 73
POCOMOKE	30	6-57	75	6-57	400	6-57	24	8.9	U	T	U	FB 74
POCOMOKE	24	10-55	34	10-55	315	10-55	12	31.5	N	T		FB 75
POCOMOKE	8	6-69	-	-	20	-	2	-	H	P		FB 76

WATER USE CODES

C COMMERCIAL
H DOMESTIC
N INDUSTRIAL
P PUBLIC SUPPLY
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
L DESCRPTVE LOG
T TEST HOLE
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
FB 77	W066W 73	STEVENS DAVID	EDGAR A MARSHALL	1966	33	45	2	S	41	4
FB 78	W070 12	STEVENS DAVID	EDGAR A MARSHALL	1969	30	41	2	S	36	5
FB 79	57404	BRITTINGHAM MAR	EDGAR A MARSHALL	1964	23	242	2	S	234	8
FB 80	51595	OUTTEN CLAUDE B	IDEAL WELL DRILLERS	1963	30	155	2	G	140	15
FB 81	-	OUTTEN CLAUDE B	-	-	30	13	22	O	-	-
FB 82	W068W 38	FISHER MARVI JR	CHARLES J BUNDICK	1968	25	230	2	S	225	5
FB 83	W068W 42	CHAPHE EARL J	EDGAR A MARSHALL	1968	34	123	2	S	117	6
FB 84	-	CHAPHE EARL J	-	-	34	19	1	T	-	-
FB 85	W069 77	CHAPHE EARL J		1969	34	255	2	S	245	10
FB 86	W067W 15	BOSTON PAGE	WILLIAM J PORTER	1966	34	150	2	S	142	8
FB 87	-	BOSTON PAGE	-	-	34	-	-	T	-	-
FB 88	W067W 39	REDDEN RAY	WILLIAM J PORTER	1967	35	138	2	S	130	8
FB 89	W067W 34	OUTTEN PARCIE D	CHARLES J BUNDICK	1966	30	240	2	S	230	10
FB 90	42277	NORTHAM ROBERT	EDGAR A MARSHALL	1961	22	120	2	S	112	8
FB 91	15918	NORTHAM ROBERT	ROY A LINTON	1954	22	101	2	T	93	8
FB 92	W067W 96	NORTHAM ARTHUR	EDGAR A MARSHALL	1967	22	124	2	S	118	6
FB 93	40589	LUCH PETE	WILLIAM J PORTER	1960	6	151	2	S	143	8
FB 94	W067W 3	LAMBERTSON H	EDGAR A MARSHALL	1966	10	147	2	S	141	6
FB 95	13902	MYERS WILLIAM G	EDGAR A MARSHALL	1953	21	132	2	S	124	8
FB 96	-	CAMPBELL SOUP	-	1970	5	130	12	S	70	35
FB 97	14025	MIDWAY CHEVROLE	ROY C SCOTT	1954	28	92	2	S	-	-
FB 98	-	MIDWAY CHEVROLE	LAWRENCE E COWGER	1968	28	150	-	-	-	-
FB 99	35439	BRITTINGHAM W	EDGAR A MARSHALL	1959	22	148	2	S	140	8
FB100	W070 46	BRITTINGHAM W	WILLIAM J PORTER	1970	22	140	2	S	132	8
FB101	W069 33	HOLIDAY INN	CHARLES J BUNDICK	1969	26	168	4	S	158	10
FC 4	-	BROWN C M	-	-	37	48	25	W	-	-
FC 7	-	-	-	-	38	11	1	-	-	-
FC 9	-	ST PAULS CHURCH	-	-	30	20	1	-	-	-
FC 11	-	HOLLAND LEM	-	1902	36	12	20	O	-	-
FC 15	-	-	-	-	10	8	24	O	-	-
FC 19	-	-	-	-	35	8	22	O	-	-
FC 20	-	STEVENS J E	WILLIAM J PORTER	1944	35	80	1	-	-	-

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
W WALLED

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	6	3-66	10	3-66	15	3-66	1	3.8	H	P		FB 77
PLEISTOCENE	4	10-69	18	10-69	10	10-69	1	0.7	S	P		FB 78
MANOKIN	16	6-64	45	6-64	5	6-64	3	0.2	H	J		FB 79
POCOMOKE	16	5-63	22	5-63	10	5-63	4	1.7	S	P		FB 80
PLEISTOCENE	3M	4-70	-	-	-	-	-	-	U	N	U	FB 81
MANOKIN	24	4-68	60	4-68	18	4-68	3	0.5	H	J	L	FB 82
POCOMOKE	12	4-68	-	-	12	-	2	-	H	J		FB 83
PLEISTOCENE	5M	4-70	-	-	-	-	-	-	U	N	U	FB 84
MANOKIN	24	7-69	55	7-69	18	7-69	3	0.6	H	J	L	FB 85
POCOMOKE	18	9-66	-	-	25	-	3	-	S	P		FB 86
PLEISTOCENE	-	-	-	-	-	-	-	-	S	P		FB 87
POCOMOKE	25	1-67	-	-	20	-	3	-	H	J		FB 88
YORKTOWN	19	10-66	70	10-66	16	10-66	3	0.3	S	J	L	FB 89
POCOMOKE	8	4-61	-	-	15	-	1	-	H	J		FB 90
POCOMOKE	-	-	-	-	-	-	-	-	U	N	D	FB 91
POCOMOKE	14	6-67	-	-	12	-	1	-	H	P		FB 92
POCOMOKE	+2	9-60	-	-	30	-	2	-	S	J	L	FB 93
POCOMOKE	19	7-66	24	7-66	8	7-66	1	1.6	H	J		FB 94
POCOMOKE	10	11-53	-	-	13	-	2	-	C	J		FB 95
POCOMOKE	26	5-71	61	5-71	700	5-71	-	20.0	N	T	Q E	FB 96
POCOMOKE	6	1-54	14	1-54	15	1-54	10	1.9	U	N	D	FB 97
POCOMOKE	-	-	-	-	-	-	-	-	C	J		FB 98
POCOMOKE	21	9-59	26	9-59	15	9-59	1	3.0	U	N	D	FB 99
POCOMOKE	18	-	-	-	15	-	2	-	H	J		FB100
POCOMOKE	32	5-69	82	5-69	30	5-69	12	0.6	C	S	L	FB101
PLEISTOCENE	6M	4-52	-	-	-	-	-	-	H	-		FC 4
PLEISTOCENE	2M	4-52	-	-	-	-	-	-	U	N	U	FC 7
PLEISTOCENE	9M	4-52	-	-	-	-	-	-	H	P		FC 9
PLEISTOCENE	2M	4-52	-	-	-	-	-	-	H	B		FC 11
PLEISTOCENE	2M	4-52	-	-	-	-	-	-	S	B		FC 15
PLEISTOCENE	2M	5-52	-	-	-	-	-	-	-	B	U	FC 19
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	FC 20

WATER USE CODES

C COMMERCIAL
H DOMESTIC
N INDUSTRIAL
S STOCK SUPPLY
U UNUSED

PUMP TYPE CODES

B BUCKET
J JET
N NONE
P PISTON
S SUBMERSIBLE
T TURBINE

REMARKS CODES

D DESTROYED
E ELECTRIC LOG
L DESCRPTVE LOG
Q CHEM ANALYSIS
U UNUSED

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
FC 23	-	GOOTY BESSIE	-	1877	31	11	20	O	-	-
FC 25	-	OUTTEN THOMAS	-	1902	30	9	20	O	-	-
FC 27	-	EMT LEROY	-	-	35	11	20	O	-	-
FC 29	-	WARD EARL	-	1942	30	28	1	T	-	-
FC 30	42078	HOLLAND NURSING HOME	WILLIAM J PORTER	1961	36	157	2	S	149	8
FC 31	49996	HOLLAND NURSING HOME	WILLIAM J PORTER	1962	36	240	2	S	232	8
FC 32	W067W 58	HOLLAND NURSING HOME	IDEAL WELL DRILLERS	1967	36	251	-	X	-	-
FC 33	W067W 86	HOLLAND NURSING HOME	IDEAL WELL DRILLERS	1967	36	96	4	G	76	20
FC 34	W067W 82	PILCHARD LUBIN	EDGAR A MARSHALL	1967	34	271	2	S	263	8
FC 35	W069 76	WARD EARL	MARION O FORD	1969	30	253	2	S	237	16
FC 36	-	WARD EARL	-	-	30	38	-	T	-	-
FC 37	-	WARD EARL	-	-	30	38	-	T	-	-
FC 38	52148	HILL FRANK	MARION O FORD	1963	25	180	2	S	168	12
FC 39	W067W 17	TULL RICHARD	EDGAR A MARSHALL	1966	37	158	2	S	152	6
FC 40	W066W 68	STEVENS J E	EDGAR A MARSHALL	1966	35	136	2	S	128	8
FC 41	W067W 7	OUTTEN WINSTON	MARION O FORD	1966	30	154	2	S	136	18
FC 42	-	OUTTEN WINSTON	-	-	30	18	-	T	-	-
FC 43	-	OUTTEN WINSTON	-	-	30	18	-	T	-	-
FC 44	W066W 60	DUKES KENNETH	WILLIAM J PORTER	1966	35	184	2	S	176	8
FC 45	56848	ENSLEY JOHN E	LAWRENCE E COWGER	1964	14	136	2	S	-	-
FD 3	-	P L PROCESSORS	M A PENTZ	1940	30	212	8	O	-	-
FD 4	-	P L PROCESSORS	M A PENTZ	1937	30	60	3	O	-	-
FD 9	-	SHARPLEY ALICE	-	-	20	18	26	O	-	-
FD 13	33095	MILBURN OYSTER	WILLIAM J PORTER	1959	2	194	2	S	184	10
FD 14	47497	STOCKTON VOL FIRE DEPT	LAWRENCE E COWGER	1962	33	233	2	S	221	12
FD 15	-	STOCKTON VOL FIRE DEPT	-	-	33	-	-	T	-	-
FD 16	52157	P L PROCESSORS	M A PENTZ	1964	30	78	6	S	68	10
FD 17	W066W 51	P L PROCESSORS	SHANNAHAN ARTESIAN WELL CO	1965	30	73	6	S	50	23
FD 18	52156	P L PROCESSORS	M A PENTZ	1964	30	66	6	S	56	10
FD 19	W067W 22	P L PROCESSORS	SHANNAHAN ARTESIAN WELL CO	1966	30	66	6	S	45	21
FD 20	21108	P L PROCESSORS	M A PENTZ	1955	30	66	6	S	54	12
FD 21	W065W 32	P L PROCESSORS	M A PENTZ	1964	30	66	6	S	55	11

FINISH CODES

G GR PK+SCREEN
O OPEN END
S SCREEN
T SAND POINT
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	H	B		FC 23
PLEISTOCENE	3M	5-52	-	-	-	-	-	-	H	B		FC 25
PLEISTOCENE	4M	5-52	-	-	-	-	-	-	H	-		FC 27
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	FC 29
POCOMOKE	29	5-61	-	-	10	-	5	-	U	N	D	FC 30
YORKTOWN	33	12-62	-	-	25	-	4	-	T	J		FC 31
YORKTOWN	-	-	-	-	-	-	-	-	U	N	T	FC 32
PLEISTOCENE	14	7-67	30	7-67	65	7-67	8	4.1	F	M	L	FC 33
MANOKIN	26	6-67	-	-	7	-	4	-	H	J		FC 34
MANOKIN	15	9-69	-	-	10	-	2	-	H	J		FC 35
PLEISTOCENE	-	-	-	-	-	-	-	-	S	J		FC 36
-	-	-	-	-	-	-	-	-	S	J		FC 37
POCOMOKE	17	6-63	-	-	12	-	2	-	-	-		FC 38
POCOMOKE	-	-	-	-	1	-	2	-	H	J	L	FC 39
POCOMOKE	18	2-66	25	2-66	20	2-66	2	2.9	H	J		FC 40
POCOMOKE	18	7-66	-	-	18	-	2	-	S	J		FC 41
PLEISTOCENE	-	-	-	-	-	-	-	-	H	J		FC 42
PLEISTOCENE	-	-	-	-	-	-	-	-	S	J		FC 43
POCOMOKE	29	1-66	-	-	15	-	3	-	H	-	L	FC 44
POCOMOKE	8	6-64	-	-	12	-	4	-	H	J		FC 45
POCOMOKE	-	-	-	-	-	-	-	-	N	T		FD 3
PLEISTOCENE	-	-	-	-	-	-	-	-	U	N	D	FD 4
PLEISTOCENE	13M	12-52	-	-	-	-	-	-	H	P		FD 9
POCOMOKE	F	1-59	-	-	25	-	3	-	N	P	L	FD 13
POCOMOKE	37	7-62	-	-	20	-	8	-	F	J		FD 14
PLEISTOCENE	-	-	-	-	-	-	-	-	F	P		FD 15
PLEISTOCENE	10	4-64	18	4-64	40	4-64	3	5.0	N	T		FD 16
PLEISTOCENE	26	12-65	32	12-65	72	12-65	4	12.0	N	-		FD 17
PLEISTOCENE	10	4-64	17	4-64	38	4-64	2	5.4	U	N	D	FD 18
PLEISTOCENE	22	12-66	29	12-66	41	12-66	6	5.9	N	T		FD 19
PLEISTOCENE	11	10-55	20	10-55	70	10-55	8	7.8	U	-	D	FD 20
PLEISTOCENE	17	10-64	22	10-64	50	10-64	4	10.0	N	T		FD 21

WATER USE CODES

F FIRE PROTEC.
H DOMESTIC
N INDUSTRIAL
S STOCK SUPPLY
T INSTITUTIONAL
U UNUSED

PUMP TYPE CODES

B BUCKET
J JET
M MULT. TURBINE
N NONE
P PISTON
T TURBINE

REMARKS CODES

D DESTROYED
L DESCRPTVE LOG
T TEST HOLE

Table 2. Records of wells in Worcester County--Continued

Well number	Permit number	Owner or name	Driller	Year completed	Altitude of land surface (feet)	Depth of well (feet)	Diameter of well at land surface (inches)	Well finish	Depth of bottom of casing or top of screen (feet)	Length of screen or open hole (feet)
FD 22	41926	P L PROCESSORS	LEON JARRETT	1961	30	220	6	S	170	50
FD 23	10604	P L PROCESSORS	M A PENTZ	1952	30	66	6	S	58	8
FD 24	W069 27	P L PROCESSORS	IDEAL WELL DRILLERS	1968	30	60	6	G	40	20
FD 25	W068W 67	P L PROCESSORS	IDEAL WELL DRILLERS	1968	30	310	-	X	-	-
FD 26	W069 8	P L PROCESSORS	IDEAL WELL DRILLERS	1968	30	142	8	S	35	40
FD 27	W066W 88	PETERSON R	CHARLES J BUNDICK	1966	31	265	2	S	254	11
FD 28	W068W 6	BARNES MILTON H	CHARLES J BUNDICK	1967	30	270	2	S	260	10
FD 29	51934	BURBAGE MABLE P	WILLIAM J PORTER	1963	34	235	2	S	227	8
FD 30	W069 64	BLEVENS R QUINC	MARION O FORD	1969	25	218	2	S	202	16
FD 31	W070 39	PETTIT VERNON	MARION O FORD	1970	26	215	2	S	199	16
FD 32	42991	HOWARD JACK	WILLIAM J PORTER	1961	30	237	2	S	229	8
FF 1	11040	COOP G W PROG	DELAWARE GEOLOGICAL SURVEY	1952	7	104	3	X	-	-
FF 2	15862	MUSSER THOMAS W	ROY C SCOTT	1954	4	244	3	S	232	12
FF 3	16229	FITZGERALD J G	ROY C SCOTT	1954	8	209	3	S	197	12
FF 4	16298	RAY JAMES C	ROY C SCOTT	1954	3	195	3	S	183	12
FF 5	21778	HUBBARD CHARLES	ROY C SCOTT	1956	9	196	3	S	184	12
FF 6	27796	COLLINS WILLIAM	LEON JARRETT	1957	5	255	2	S	245	10
FF 7	31918	PENNINGTON H C	LEON JARRETT	1958	9	240	2	S	230	10
FF 8	31919	POOLE EUGENE	LEON JARRETT	1958	8	250	2	S	240	10
FF 9	41222	BUNTING JOSH	ALVIN V STOOPS	1960	2	280	1	S	272	8
FF 10	W066W 37	LARSON SIDNEY D	MARION O FORD	1965	6	187	2	S	179	8

FINISH CODES

G GR PK+SCREEN
S SCREEN
X OPEN HOLE

Aquifer	Water level (feet, below land surface or above (+), measured (M), flowing unmeasured (F))				Yield		Hours pumped	Specific capacity (gpm per foot of drawdown)	Water use	Type of pump	Remarks	Well number
	Static	Date	Pumping	Date	Gallons per minute (gpm)	Date						
POCOMOKE	30	3-61	70	3-61	75	3-61	10	1.9	N	T		FD 22
PLEISTOCENE	10	8-52	22	8-52	100	8-52	2	8.3	U	-	D	FD 23
PLEISTOCENE	27	11-68	-	-	-	-	6	5.0	N	T		FD 24
MANOKIN	-	-	-	-	-	-	-	-	U	-	T L	FD 25
PLEISTOCENE	26	9-68	60	9-68	139	9-68	24	4.1	N	T		FD 26
YORKTOWN	22	5-66	38	5-66	20	5-66	4	1.3	H	-		FD 27
YORKTOWN	22	8-67	40	8-67	20	8-67	3	1.1	H	J		FD 28
YORKTOWN	31	6-63	-	-	18	-	3	-	H	-		FD 29
POCOMOKE	28	7-69	-	-	10	-	2	-	H	J		FD 30
YORKTOWN	29	2-70	38	2-70	10	2-70	2	1.1	H	J		FD 31
POCOMOKE	29	6-61	-	-	15	-	10	-	H	J		FD 32
PLEISTOCENE	-	-	-	-	-	-	-	-	U	-	T L	FF 1
POCOMOKE	7	8-54	12	8-54	17	8-54	8	3.4	-	-	L	FF 2
POCOMOKE	-	-	-	-	12	-	18	-	U	-	U L	FF 3
POCOMOKE	3	8-54	12	8-54	14	8-54	25	1.6	-	-		FF 4
POCOMOKE	3	4-56	9	4-56	18	4-56	8	3.0	U	-	U J	FF 5
POCOMOKE	0	8-57	-	-	25	-	4	-	U	-	U	FF 6
POCOMOKE	0	9-58	-	-	12	-	4	-	-	-		FF 7
POCOMOKE	0	9-58	-	-	12		4	-	U	-	U L J	FF 8
YORKTOWN	0	11-60	5	11-60	15	11-60	3	3.0	-	-	L	FF 9
YORKTOWN	2	12-65	-	-	20	-	3	-	-	-		FF 10

WATER USE CODES

H DOMESTIC
N INDUSTRIAL
U UNUSED

PUMP TYPE CODES

J JET
T TURBINE

REMARKS CODES

D DESTROYED
J GAMMA RAY LOG
L DESCRPTVE LOG
T TEST HOLE
U UNUSED

Table 3. Chemical analyses of ground water from Worcester County

(Chemical constituents in milligrams per liter)

U.S.G.S. well number	Geologic unit	Date of collection	Temperature (°C)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (P as PO_4)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color
																			Calcium, magnesium	Noncarbonate			
AF 4	PLEISTOCENE	11-05-52	-	33	9.5	0.05	4.5	0.4	8	1.0	26	-	1.4	9.1	0.0	0.5	0.0	73	13	0	71	6.4	5
AF 23	PLEISTOCENE	12-22-71	14.0	47	5.2	.10	-	-	8.7	1.5	102	0	.2	9.8	.1	1.1	-	170	86	3	214	6.8	-
AG 9	PLEISTOCENE	12-22-71	12	14	.04	.00	-	-	9.0	1.8	8	0	.2	13	.0	3.0	-	43	8	2	72	6.4	-
AG 13	PLEISTOCENE	12-22-71	12.2	-	11	-	-	-	-	-	-	-	-	17	-	.0	-	-	35	-	142	-	-
AG 14	PLEISTOCENE	12-22-71	11.0	-	25	-	-	-	-	-	-	-	-	13	-	.1	-	-	73	-	222	-	-
AH 2	PLEISTOCENE	08-31-53	-	-	.02	-	-	-	32		13	-	14	55	-	1.1	-	-	34	23	249	6.5	-
AH 3	PLEISTOCENE	08-31-53	-	-	.23	-	-	-	28		141	-	1.2	66	-	.9	-	-	149	33	436	7.3	-
AH 6	MANOKIN	07-29-69	21	33	12	.18	24	5.8	24	3.8	110	0	0.0	35	.1	.7	-	191	84	0	297	6.4	-
	MANOKIN	07-25-69	17	32	13	.18	28	5.9	23	4.0	128	0	0.0	30	.1	.8	-	203	95	0	298	7.0	15
	464' - 474'	07-24-69	22	58	.81	.05	42	15	228	13	296	6	7.2	296	.3	.5	-	801	167	0	1430	8.4	5
	708' - 718'	07-14-69	-	51	2.1	.04	100	98	1690	65	584	20	149	2710	.8	3.3	-	5240	653	141	8900	8.4	3
BE 16	PLEISTOCENE	11-04-52	-	-	1.5	-	-	-	-	-	6	-	71	31	-	22	-	-	52	47	332	5.4	5
BF 46	PLEISTOCENE	12-21-71	14.4	-	.02	-	-	-	-	-	-	-	-	14	-	9.7	-	-	23	-	118	-	-
BF 60	PLEISTOCENE	12-21-71	14.2	-	.02	-	-	-	-	-	-	-	-	11	-	1.6	-	-	18	-	86	-	-
BG 10	PINEY POINT	01-06-54	-	-	17	-	100	89	-	-	606	-	-	2550	-	.8	-	-	615	119	8240	7.5	-
BG 16	PLEISTOCENE	12-22-71	12.8	25	.03	.00	-	-	10	1.3	20	0	1.8	12	.0	1.0	-	61	14	0	79	6.3	-
BG 18	PLEISTOCENE	12-21-71	14.5	-	5.3	-	-	-	-	-	-	-	-	7.8	-	0	-	-	17	-	84	-	-
BG 38	PLEISTOCENE	12-21-71	15.2	40	6.5	.15	-	-	9.9	1.2	70	0	.0	11	.2	.7	-	127	48	0	162	7.1	-
BH 1	MANOKIN	12-12-51	-	24	2.9	.0	37	16	27	12	226	-	2.0	30	.1	.1	.1	260	158	-	434	7.2	5
BH 8	POCOMOKE	12-17-51	-	28	1.3	.0	29	14	36	10	229	-	.1	20	.1	.7	.0	260	130	-	413	7.8	10
BH 81	MANOKIN	06-16-71	-	30	4.8	.12	15	13	44	11	136	0	8.0	59	.2	.7	-	248	91	0	407	7.4	35
CD 16	PLEISTOCENE	12-20-71	14.6	-	.05	-	-	-	-	-	-	-	-	21	-	69	-	-	82	-	289	-	-
CE 2	POCOMOKE	08-31-53	-	-	2.4	-	-	-	31		123	-	1.2	12	-	1.2	-	-	52	0	241	6.8	-

Table 3. Chemical analyses of ground water from Worcester County--Continued

(Chemical constituents in milligrams per liter)

U.S.G.S. well number	Geologic unit	Date of collection	Temperature (°C)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (P as PO_4)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color
																			Calcium, magnesium	Noncarbonate			
CE 21	POCOMOKE	12-20-71	15	34	13	0.07	-	-	22	5.6	128	0	0.0	14	0.2	0.7	-	166	76	0	262	7.0	-
CE 26	POCOMOKE	12-20-71	13.8	45	12	.09	-	-	18	2.1	82	0	.0	21	.2	.3	-	148	57	0	212	7.2	-
CF 3	PLEISTOCENE	11-04-52	-	21	.09	.02	5.2	1.7	13	2.1	15	-	6.4	15	.0	.2	0.0	93	20	8	122	6.1	3
	PLEISTOCENE	12-21-71	14.5	-	.13	-	-	-	-	-	-	-	-	14	-	18	-	-	25	-	128	-	-
CF 33	PLEISTOCENE	12-21-71	14.2	-	.02	-	-	-	-	-	-	-	-	13	-	7.4	-	-	18	-	94	-	-
CF 34	PLEISTOCENE	12-21-71	-	19	.07	.00	-	-	11	1.3	10	0	.2	8.6	.0	26	-	76	18	10	105	6.5	-
CF 39	PLEISTOCENE	12-27-71	13.0	-	.09	-	-	-	-	-	-	-	-	39	-	5.7	-	-	17	-	187	-	-
CF 43	PLEISTOCENE	12-22-71	-	-	4.1	-	-	-	-	-	-	-	-	18	-	.1	-	-	14	-	105	-	-
CF 47	PLEISTOCENE	12-21-71	14.8	-	.02	-	-	-	-	-	-	-	-	9.0	-	.3	-	-	12	-	76	-	-
CG 5	POCOMOKE	01-04-52	-	32	1.3	.0	18	8.3	39	9.2	183	-	.8	16	.2	.1	.2	214	79	-	325	7.3	28
CG 6	MANOKIN	01-11-52	-	-	1.4	-	-	-	-	-	220	-	1.0	26	.2	.2	-	-	140	-	414	7.6	-
CG 20	PLEISTOCENE	01-04-52	-	37	3.0	.01	23	5.2	12	1.4	103	-	1.2	14	.2	.1	.1	154	79	-	214	7.5	26
	PLEISTOCENE	12-21-71	15.0	-	1.6	-	-	-	-	-	-	-	-	15	-	1.0	-	-	70	-	347	-	-
CG 35	MANOKIN	12-20-71	14.5	29	2.0	.05	-	-	23	8.7	200	0	.0	7.5	.2	.1	-	215	124	0	353	7.9	-
CG 41	PLEISTOCENE	12-20-71	12.3	40	6.7	.19	-	-	11	.9	71	0	.0	13	.1	2.1	-	127	49	9	159	6.9	-
CG 44	PLEISTOCENE	12-20-71	13.4	40	6.9	.20	-	-	11	1.0	70	0	.4	11	.1	.7	-	118	52	0	159	7.1	-
CG 54	PLEISTOCENE	12-21-71	13.2	-	8.1	-	-	-	-	-	-	-	-	12	-	.6	-	-	74	-	192	-	-
DD 10	MANOKIN	05-27-52	-	17	.07	.02	16	5.6	113	6.4	303	-	2.5	52	.1	.6	1.1	381	63	0	612	7.9	2
DE 33	POCOMOKE	07-20-71	15	40	.58	.00	10	5.6	32	7.2	131	0	2.2	14	.2	.9	-	169	48	0	248	7.7	20
DE 34	PLEISTOCENE	12-21-71	15	41	5.6	.14	-	-	17	1.5	45	0	24	18	.2	.1	-	147	46	9	198	7.0	-
DE 35	PLEISTOCENE	12-21-71	-	-	11	-	-	-	-	-	-	-	-	17	-	.0	-	-	76	-	321	-	-
DF 3	POCOMOKE	12-22-71	13.6	-	2.3	-	-	-	-	-	-	-	-	11	-	.1	-	-	116	-	353	-	-
DG 5	YORKTOWN	09-10-53	16	-	.27	-	-	-	96		290	-	1.2	60	-	.2	-	-	115	0	614	7.4	0

Table 3. Chemical analyses of ground water from Worcester County--Continued

(Chemical constituents in milligrams per liter)

U.S.G.S. well number	Geologic unit	Date of collection	Temperature (°C)	Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (P as PO_4)	Dissolved solids (residue on evaporation at 180°C)	Hardness as $CaCO_3$		Specific conductance (micromhos at 25°C)	pH	Color
																			Calcium, magnesium	Noncarbonate			
DG 10	MANOKIN	12-20-71	15.4	16	0.02	0.02	-	-	49	10	258	0	0.4	21	0.1	1.1	-	260	134	0	472	8.2	-
ED 8	POCOMOKE	11-05-52	-	34	.09	.08	19	13	26	12	202	-	5.2	10	.0	.7	0.0	220	101	0	330	7.8	10
EF 1	YORKTOWN	09-10-53	16	-	.08	-	-	-	368		440	-	34	448	-	1.2	-	-	228	0	2090	7.6	-
EF 3	YORKTOWN	09-10-53	16	15	.36	.02	12	4.7	162	8.0	430	-	.1	47	.4	.2	1.3	491	51	0	776	8.1	21
FB 9	POCOMOKE	11-04-52	-	29	6.0	.16	22	13	25	4.3	138	-	15	35	1.2	.7	.0	215	108	0	339	7.5	15
FB 96	POCOMOKE	7-70	-	11	.00	.00	96	86	945	32	328	-	307	1520	.2	5.2	-	3300	593	324	5580	8.0	5

TABLE 4. LARGE GROUND-WATER APPROPRIATORS AND PUBLIC WATER SUPPLIES UTILIZING GROUND WATER IN WORCESTER COUNTY

(APPROPRIATIONS FOR LESS THAN AN AVERAGE OF 5000 GALLONS PER DAY (GPD) ARE NOT INCLUDED)

Quad	Name of appropriator or public supply	Appropriation			Well number or well permit number	Aquifer utilized	Estimate of pumpage in 1969 (gpd) metered (M)
		Number	Date issued	Quantity (gpd) average Maximum			
AF	Bishop Processing Co.	GAP 55 0002	- -55	576,000 864,000	WO AF 24 WO AF 25	PLEISTOCENE PLEISTOCENE	140,000
AH	English Co.	GAP 67 0015	- -67	8000 12,000	WO68W 10	-	On city water
AH	Alfred Novack Carousal Motor Lodge	GAP 62	12-27-61	24,000 36,000	WO AH 28	-	On city water
AH	Purnell Inc.	GAP 68 0006	- -67	14,400 216,000	WO AH 22 WO AH 23	-	On city water
AH	James E. Tate	GAP 65 0014	- -65	15,000 18,000	WO AH 31?	-	On city water
	Sun Downer Mobile Park	GAP 63	06-03-63	15,000 18,000	WO AH 30?	-	
BE	Whaley Cemetery	GAP 60 0004	- -59	30,000 60,000	WO BE 23	PLEISTOCENE & POCOMOKE	2000
BF	B & S Hatchery Inc.	GAP 61 0002	- -60	5000 10,000	WO BF 35 WO BF 36	POCOMOKE PLEISTOCENE	14,000
BF	Eastern Animal Inc.	GAP 69 0004	- -68	20,000 21,000	WO BF 53	PLEISTOCENE	2000
BF	Ocean Pines	GAP 68 0010	- -68	1,000,000 2,000,000	WO BG 17 WO BF 40	PLEISTOCENE PLEISTOCENE	1000 20,000
BF	Ralston Purina	GAP 65 0011	- -65	460,000 850,000	WO BF 3	PLEISTOCENE	500,000
		GAP 56 0005	- -56	125,000	WO BF 29 WO BF 45 WO BF 46	PLEISTOCENE & POCOMOKE PLEISTOCENE PLEISTOCENE	
BF	Showell Poultry	GAP 69 0003	- -68	541,000 742,000	WO BF 42 WO BF 43	PLEISTOCENE PLEISTOCENE	974,000
BG	Alex Powell	GAP 65 0009	- -65	5000 6000	WO65W 57	NO RECORD	Unknown
BG	Francis Scott Key Motel	GAP 53 0001	- -52	5500 6500	WO BG 14	PLEISTOCENE	2500
BG	Ocean Downs	GAP 67 0005	- -67	105,000 165,000	WO BG 6 WO BG 17 WO BG 18	PLEISTOCENE PLEISTOCENE PLEISTOCENE	8000
BG	Sea Gull Trailer Park	GAP 59 0002	- -58	5000 6000	WO BG 39	PLEISTOCENE	4500
BG	Sea Side Poultry	GAP 56 0004	- -55	80,000 96,000	24013	PLEISTOCENE	Probably closed in 1969
BG	Ships Cafe	GAP 55	04-29-55	100,000 112,000	WO BG 22 WO BG 23	PLEISTOCENE PLEISTOCENE	100,000 Heat pump water recharged to BG 23
BG	Wor. Co. Board of Education	GAP 65 0003	- -64	7000 9500	WO BG 38	PLEISTOCENE	3000
BH	Charles R. Harman Sea Scape Motel	GAP 62	06-18-62	100,000 138,000	WO BH 79 WO BH 80	PLEISTOCENE PLEISTOCENE	100,000 Heat pump water recharged to BH 80
BH	Gabriel Mancini The Paddock	GAP 55	2-08-55	43,000 50,000	WC BH 78	-	Heat pump, no longer used.
BH	Ocean City Convention Hall	GAP 68 0008	- -68	250,000 430,000	WO BH 39 WO BH 40	MANOKIN MANOKIN	50,000 Heat pump water recharged to one of wells.
BH	Ocean City	Public Supply			WO BH 26 WO BH 27 WO BH 28 WO BH 29 WO BH 30 WO BH 41 WO CG 32 WO CG 33 WO CG 34	MANOKIN MANOKIN MANOKIN MANOKIN MANOKIN MANOKIN MANOKIN MANOKIN MANOKIN	1,200,000

TABLE 4. LARGE GROUND-WATER APPROPRIATORS AND PUBLIC WATER SUPPLIES UTILIZING GROUND WATER IN WORCESTER COUNTY--CONTINUED

(APPROPRIATIONS FOR LESS THAN AN AVERAGE OF 5000 GALLONS PER DAY (GPD) ARE NOT INCLUDED)

Quad	Name of appropriator or public supply	Appropriation: Number	Appropriation: Date issued	Appropriation: Quantity (gpd) average Maximum	Well number or well permit number	Aquifer utilized	Estimate of pumpage in 1969 (gpd) metered (M)
CD	J. W. Shockley & Son, Inc.	GAP 63 0003	- -62	20,000 60,000	WO CD 10 WO CD 11 WO CD 12	PELISTOCENE PLEISTOCENE PLEISTOCENE	2900
CF	Berlin	Public Supply			WO CF 3 WO CF 32 WO CF 30	PLEISTOCENE PLEISTOCENE PLEISTOCENE & POCOMOKE	410,000
CF	Davis Ice & Coal Co.	GAP 55 0003	- -55	170,000 180,000	WO CF 23 WO CF 39 WO CF 40	PLEISTOCENE PLEISTOCENE PLEISTOCENE	70,000
CF	Ocean City Golf & Yacht Club	GAP 58 0005 GAP 67 0002	- -58 - -66	100,000 200,000 180,000 360,000	WO CF 29 WO DF 3	POCOMOKE	38,000 (Irrigation)
CF	Regal Farms	GAP 65 0007	- -65	60,000 100,000	WO65W 51	PLEISTOCENE	Unknown
CG	Frontier Town	GAP 63 0008 GAP 66 0001	- -63 - -65	25,000 30,000 22,500 25,000	WO CG 44 WO CG 45 WO CG 46 WO CG 47 WO CG 48 WO CG 49 WO CG 50 WO CG 51	PLEISTOCENE PLEISTOCENE PLEISTOCENE PLEISTOCENE PLEISTOCENE PLEISTOCENE POCOMOKE POCOMOKE	4000 1000 5000
CG	Martin Fish Co.	GAP 66 0002	- -65	3000 7000	WO CG 54	PLEISTOCENE	4000
CG	Mast Restaurant	GAP 61 0008	- -61	10,000 15,000	WO CG 58 WO CG 59	POCOMOKE POCOMOKE OR PLEISTOCENE	3000
CG	Ralph Morris Morra J. Trailer Park	GAP 68 0012	- -68	10,000 15,000	WO CG 41	PLEISTOCENE	2000
CG	M. L. Mumford Sunset Pines	GAP 63 0010	- -63	25,000 30,000	WO CG 42	PLEISTOCENE OR POCOMOKE	1000
CG	Ocean City Ice Co.	GAP 51	08-28-51	10,000 12,000	WO CG 6 WO CG 8 WO CG 20	MANOKIN POCOMOKE PLEISTOCENE	20,000
CG	Villa Nova Cottages	GAP 63 0005	- -63	7300 9600	WO CG 55	PLEISTOCENE	2400
DD	Brown Canning Co.	GAP 50 0003	- -49	60,000 80,000	WO DD 23	-	- 0 -
DD	Holly Farms Poultry Industries	GAP 62 0006	- -62 -	20,000 50,000 3000 12,000	WO DD 39 WO DC 20	MANOKIN MANOKIN	2000 1200
DD	Paul M. Jones Lumber Co.	GAP 58 0002	- -57	25,000 30,000	WO DD 56	-	- 0 -
DD	Maryland Chicken Processors	GAP 67 0007	- -67	500,000 600,000	WO DD 26 WO DD 27 WO DD 47 WO DD 48 WO DD 49	PLEISTOCENE PLEISTOCENE MANOKIN POCOMOKE POCOMOKE	60,000 60,000 390,000 500 500 511,000
DD	W. T. Onley	GAP 65 0005	- -65	525,000 750,000	WO DD 15 WO DD 16	MANOKIN PLEISTOCENE	60,000 4000 64,000
DD	Snow Hill	Public Supply			WO DD 8 WO DD 10 WO DD 50	MANOKIN MANOKIN MANOKIN	350,000
DG	Assateague State Park	GAP 65 0006 GAP 69 0006	- -65 - -69	150,000 250,000 7500 15,000	WO DG 6	MANOKIN	3000
DG	Ocean Beach Inc.	GAP 53 0003	- -52	10,000 20,000	WO DG 4	-	- 0 -
DG	R. C. Walker	GAP 53	05-19-53	10,000 20,000	WO DG 5	-	- 0 -

TABLE 4. LARGE GROUND-WATER APPROPRIATORS AND PUBLIC WATER SUPPLIES UTILIZING GROUND WATER IN WORCESTER COUNTY--CONTINUED

(APPROPRIATIONS FOR LESS THAN AN AVERAGE OF 5000 GALLONS PER DAY (GPD) ARE NOT INCLUDED)

Quad	Name of appropriator or public supply	Appropriation			Well number or well permit number	Aquifer utilized	Estimate of pumpage in 1969 (gpd) metered (M)
		Number	Date issued	Quantity (gpd) average Maximum			
EB	James Cowger Trailer Park	GAP 66 0016	- -66	6000 8000	WO EB 23 WO EB 24	POCOMOKE POCOMOKE	3000
EC	Milburn Landing State Park	GAP 62 0016	- -62	3000 4500	WO EC 27	MANOKIN	3000
EC	Shad Landing State Park	GAP 63 0004	- -62	23,000 60,000	WO EC 29	MANOKIN	11,000
ED	W. T. Onley	GAP 66 0003	- -65	200,000 250,000	WO ED 41	-	- 0 -
ED	Milton Pilchard	GAP 66 0017	- -66	6000 8000	WO66W 91	POCOMOKE	Unknown
EF	South Ocean Beach	GAP 53 0002	- -52	5000 10,000	WO EF 1	-	- 0 -
FB	Campbell Soup	GAP 52 0001a	- -61	500,000 600,000	WO FB 12 WO FB 75	POCOMOKE POCOMOKE	620,000
FB	Holiday Inn	GAP 66 0009	- -69	13,500 14,000	WO FB 101	MANOKIN POCOMOKE	4000
FB	Quality Court Motel	GAP 65 0004	- -64	25,000 50,000	WO65W 44	POCOMOKE	2000
FB	Marshall Photo Co.	GAP 61 0004	- -60	7200 8600	WO FB 54 WO FB 55 WO FB 56	POCOMOKE PLEISTOCENE PLEISTOCENE	3000
FB	Mason Canning Co.	GAP 61 0009	- -61	152,000 390,000	WO FB 10 WO FB 13	POCOMOKE POCOMOKE	53,000
FB	Pocomoke City	Public Supply			WO FB 48 WO FB 50	POCOMOKE POCOMOKE	320,000
FB	Starlight Restaurent	GAP 67 0004	- -66	3500 8400	WO FB 57	POCOMOKE	1000
FB	Twin Towers Motel	GAP 62 0003	- -61	10,000 15,000 2000 3000	WO FB 51 WO FB 52 WO FB 53	MANOKIN MANOKIN POCOMOKE	3900 300 500 4700
FB	U.S. 13 Drive In	GAP 63 0009	- -63	10,000 12,000 1200 1500	WO FB 68	POCOMOKE	500
FD	C. J. Scarborough Canning	GAP 54 0002 GAP 65 0001	- -53 - -64	6000 9000 7500 10,000	14788 WO65W 10 WO FD 8	PLEISTOCENE POCOMOKE PLEISTOCENE	3000
FD	P & L Poultry	GAP 69 0002	- -68	400,000 664,000	WO FD 3 WO FD 16 WO FD 17 WO FD 19 WO FD 20 WO FD 21 WO FD 22 WO FD 24 WO FD 26	POCOMOKE PLEISTOCENE PLEISTOCENE PLEISTOCENE PLEISTOCENE PLEISTOCENE POCOMOKE PLEISTOCENE PLEISTOCENE	361,000
EF	R. E. McConville	GAP 54	08-04-53	7500 12,500	WO EF 3	-	- 0 -

Table 5. Logs of wells in Worcester County

	Thickness (Ft)	Depth (Ft)
Well WO-AF 4 (Altitude: 27 feet, Depth 110 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-AF 5 (Altitude: 27 feet, Depth 642 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-AF 23 (Altitude: 45 feet)		
Clay, blue	13	13
Sand, medium, gray	3	16
Clay, blue	2	18
Sand, medium, gray	8	26
Clay, blue	25	51
Sand, medium to coarse, tan	11	62
Clay and sand, gray; with shells	36	98
Sand, medium, gray and some shells	22	120
Clay, blue	40	160
Well WO-AG 10 (Altitude: 18 feet)		
Sand	10	10
Sand; clay	32	42
Water (sand)	8	50
Sand; clay	13	63
Sand	27	90
Water (sand)	23	113
Well WO-AH 5 (Altitude: 4 feet)		
Sand, light gray	1	1
Sand, coarse, gray	31	32
Clay, blue and sand, mixed	6	38
Clay, blue	22	60
Sand, coarse, gray; some gravel and streaks of brown sand	65	125
Sand; gravel; little clay	35	160
Clay, gray	26	186
Sand, gray	12	198
Clay, gray	9	207
Sand; clay; few shells	28	235
Sand; clay; lots of shells	15	250
Sand, gray; shells; streaks of clay	55	305
Sand, gray; shells	30	335
Clay and sand, mixed	5	340

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-AH 6 (Altitude: 5 feet)		
Topsoil	3	3
Sand, gray and clay	19	22
Clay, blue	33	55
Sand, white and gray	72	127
Clay, blue	10	137
Clay, blue and sand layers	97	234
Sand; shell; clay	78	312
Clay layers, gray	13	325
Shells and gray clay	25	350
Sand, gray	106	456
Sand and clay layers	24	480
Sand, fine and clay	85	565
Shell, grey and clay	101	666
Shell and clay layers	42	708
Shell and hard sand	23	731
Clay and shell	55	786
Sand; shells; clay	46	832
Clay; with shell	51	883
Shell bed, hard	7	890
Clay, blue	11	901
Shell, hard	2	903
Sand; clay; and shell	162	1065
Shell and clay	11	1076
Clay, blue; with shells	134	1210
Well WO-BE 22 (Altitude: 39 feet, Depth 126 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BE 23 (Altitude: 30 feet)		
Topsoil	2	2
Sand, light tan	11	13
Sand, black and mud	10	23
Sand, gray	44	67
Sand, gray and green clay	38	105
Sand, light gray	20	125

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-BE 24 (Altitude: 35 feet)		
Topsoil	1	1
Sand, tan	3	4
Sand, gray	34	38
Sand, gray; with clay layers	18	56
Sand, gray	31	87
Sand, gray; with clay	63	150
Clay, blue	15	165
Well WO-BE 25 (Altitude: 25 feet)		
Topsoil	1	1
Clay, sandy	4	5
Sand; with clay streaks	10	15
Sand and gravel; water bearing	5	20
Clay, sandy	30	50
Sand; water bearing	10	60
Sand, clayey	30	90
Sand; with gravel	30	120
Gravel, small	50	170
Clay	51	221
Sand, fine; with shells; some peat or wood	9	230

Well WO-BF 1 (Altitude: 30 feet, Depth 98 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BF 2 (Altitude: 30 feet, Depth 110 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BF 3 (Altitude: 30 feet, Depth 105 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BF 8 (Altitude: 21 feet, Depth 105 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BF 10 (Altitude: 24 feet, Depth 100 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BF 28 (Altitude: 35 feet, Depth 117 feet)
(See Rasmussen and Slaughter, 1955)

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-BF 29 (Altitude: 26 feet)		
Missing	10	10
Sand, coarse - very coarse, gray - tan	5	15
Sand and pebbles; few brown clay balls	5	20
Sand, medium - coarse, gray - tan	10	30
Sand, coarse, gray - tan	6	36
Sand, very coarse, tan	6	42
Sand, granular, red - brown	5	47
Clay, gritty, dark gray	8	55
Sand, very coarse, pebbly, tan	5	60
Sand, very coarse, granular, gray - tan	20	80
Sand, coarse, gray - tan	20	100
Sand, very coarse, gray - tan	20	120
Sand, coarse, granular, gray - tan	10	130
Sand, very coarse and gravel, gray - tan	10	140
Sand, medium - coarse, and gravel, gray - tan	20	160
Sand, very coarse, granular, grey - tan	5	165
Sand, fine to medium, gray - tan	20	185
Sand, medium to coarse, gray - tan	15	200
Sand, fine, tan	5	205
Clay, dark grey; shells	15	220
Sand, medium, gray	5	225
Sand, fine, gray	10	235
Sand, coarse; shells	5	240
Sand, fine, gray; shells	20	260
Sand, very fine, gray	10	270
Sand, fine - medium, gray; few shells	10	280
Sand, very fine, gray	10	290
Sand, fine, gray; many shells	10	300
Well WO-BF 35 (Altitude: 24 feet)		
Clay, brown	11	11
Sand, white and gravel and clay	33	44
Clay, mostly; streaks of sand and gravel	35	79
Sand and gravel	6	85
Clay, sandy	10	95
Clay	8	103
Sand, water	6	109
Clay	6	115
Sand, water	12	127
Clay	20	147

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-BF 38 (Altitude: 20 feet)		
Sand; clay	21	21
Sand	21	42
Clay; sand	21	63
Sand; clay	21	84
Sand	21	105
Clay; sand	21	126
Sand	21	147
Water (sand)	11	158
Well WO-BG 6, 7 (Altitude: 12 feet, Depth 80 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BG 10 (Altitude: 4 feet, Depth 1706 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BG 14 (Altitude: 10 feet, Depth 102 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-Bg 15 (Altitude: 7 feet)		
Clay, brown	9	9
Sand, coarse, gray-white; some clay	38	47
Sand, coarse, brown and sand, gray	29	76
Sand, brown	4	80
Sand, fine, brown	6	86
Sand, coarse, gray	20	106
Clay, hard, gray	11	117
Clay, silty, gray	31	148
Sand, coarse, gray; some gravel	43	191
Sand, coarse, gray	15	206
Rock	2	208
Clay, gray	14	222
Sand, gray	3	225
Clay, blue; shells; black sand	21	246
Sand, fine, silty; gray	62	308
Sand, coarse, gray	34	342
Clay, hard, blue	2	344
Sand, coarse, gray-brown and white	62	406
Sand, brown-gray; with clay streaks	17	423
Sand, fine, silty, gray	33	456
Clay, gray	15	471
Clay, silty, gray	29	500

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-BG 18 (Altitude: 8 feet)		
Clay, yellow	3	3
Clay, blue; with fine gray sand	14	17
Clay, brown	6	23
Clay, blue	24	47
Sand, fine to medium, gray	30	77
Sand, medium to coarse, gray	19	96
Clay, blue	--	96
Well WO-BG 35 (Altitude: 11 feet)		
Sand; clay; gray	21	21
Sand	21	42
Sand; wood; shell	21	63
Clay; sand	21	84
Sand	21	105
Sand; water	21	126
Sand	63	189
Sand; clay; shell	21	210
Clay; sand, gray	21	231
Sand; water	21	252
Water (sand)	13	265

Well WO-BH 1 (Altitude: 6 feet, Depth 272 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BH 8 (Altitude: 6 feet, Depth 185 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BH 9 (Altitude: 7 feet, Depth 104 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-BH 10 (Altitude: 7 feet, Depth 98 feet)
(Rasmussen and Slaughter, 1955)

Well WO-BH 11 (Altitude: 6 feet, Depth 7710 feet)
(See Anderson, 1948)

Well WO-BH 13 (Altitude: 5 feet, Depth 324 feet)
(See Rasmussen and Slaughter, 1955)

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-BH 14 (Altitude: 8 feet, Depth 104 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 17 (Altitude: 8 feet, Depth 93 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 18 (Altitude: 6 feet, Depth 95 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 19 (Altitude: 7 feet, Depth 80 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 20 (Altitude: 6 feet, Depth 83 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 21 (Altitude: 8 feet, Depth 94 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 22 (Altitude: 8 feet, Depth 128 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 23 (Altitude: 7 feet, Depth 191 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 24 (Altitude: 8 feet, Depth 180 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 25 (Altitude: 8 feet, Depth 126 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-BH 33 (Altitude: 5 feet)		
Sand	40	40
Clay	9	49
Sand and clay	7	56
Sand	20	76
Clay and sandy clay	29	105
Sand	19	124
Clay	26	150
Clay, sandy	26	176
Sand	5	181
Clay, sandy	54	235
Clay, sandy and shell	48	283

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Clay, sandy; some wood	50	333
Sand, medium, gray and white	21	354
Sand, medium, gray and white, some brown	24	378
Clay, sandy	5	383
Well WO-BH 35 (Altitude: 4 feet)		
Topsoil	1	1
Sand, brown and clay	3	4
Sand, medium, gray	53	57
Sand, gray	11	68
Sand, white and clay	55	123
Sand, gray and clay	50	183
Clay, gray	47	230
Sand, white and clay	12	242
Sand, gray and clay	41	283
Sand, tan and clay	23	306
Sand, tan	20	326
Sand, fine, gray	35	361
Sand, medium-coarse, gray	35	396
Sand, gray; with clay	8	404
Sand, medium, gray	26	430
Well WO-BH 41 (Altitude: 4 feet)		
Topsoil	1	1
Sand, fine to medium, gray	10	11
Sand, fine to medium, gray and blue clay layers	7	18
Clay, blue; with fine to medium grey sand	16	34
Sand, fine to coarse, brown and layers of clay	8	42
Clay, blue; with fine to medium gray sand	9	51
Sand, fine to medium, gray and blue clay layers and shell layers	9	60
Sand, fine to coarse, white and gravel	66	126
Clay, blue and fine to medium sand	5	131
Sand, fine to coarse, gray; with gray and blue clay	90	221
Clay, blue; with fine to medium gray sand	21	242
Sand, fine to coarse, white	101	343

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-CD 13 (Altitude: 30 feet)		
Topsoil	2	2
Clay	10	12
Sand; water bearing	8	20
Clay and sand	35	55
Sand and gravel; water bearing	25	80
Sand and clay	39	119
Sand and gravel; water bearing	111	230
Clay	25	255
Sand; shells; gravel; water bearing	25	280
Well WO-CE 2 (Altitude: 38 feet, Depth 210 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CE 12 (Altitude: 30 feet, Depth 7178 feet) (See Anderson, 1948)		
Well WO-CE 16 (Altitude: 36 feet, Depth 78 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CE 19 (Altitude: 25 feet)		
Clay, blue gray	20	20
Sand, fine to medium, gray; with clay	5	25
Clay, blue	35	60
Sand, medium to coarse, gray	32	92
Clay, blue	8	100
Well WO-CE 21 (Altitude: 30 feet)		
Sand; clay	21	21
Shell; clay	21	42
Clay; sand	21	63
Sand; water	21	84
Sand; clay	21	105
Sand	21	126
Sand; water	29	155

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-CF 1 (Altitude: 33 feet, Depth 101 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CF 2 (Altitude: 36 feet, Depth 105 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CF 3 (Altitude: 28 feet, Depth 115 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CF 31 (Altitude: 32 feet)		
Top soil	1	1
Clay, brown and gray, layers	2	3
Sand, fine to medium, white and gray clay layers	4	7
Clay, gray	4	11
Sand, fine to coarse, white and 75 percent clay layers	9	20
Sand, fine to coarse, white	12	32
Sand, fine to coarse, white and 1 percent iron ore	1	33
Sand, fine to coarse, white	22	55
Sand, fine to coarse, white and 20 percent gravel	25	80
Sand, fine to coarse, tan and 25 percent gravel	28	108
Clay, blue, layers and 30 percent fine to medium gray sand	24	132
Sand, fine to medium, gray and 3 percent coarse and 3 percent clay	3	135
Sand, fine to coarse, gray	24	159
Sand, fine to coarse, gray and 10 percent gravel	57	216
Clay, blue	14	230
Sand, fine to medium, gray and 1 percent shell and 55 percent blue clay	10	240
Well WO-CF 34 (Altitude: 42 feet)		
Clay, red	6	6
Sand, fine, gray	6	18
Sand, medium, gray	12	30
Clay, blue	2	32
Sand, medium, brown	18	50
Sand, coarse, brown	20	70
Clay, blue	2	72
Sand, coarse, gray	43	115

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-Cg 5 (Altitude: 4 feet, Depth 183 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CG 8 (Altitude: 3 feet, Depth 189 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-Cg 9 (Altitude: 5 feet, Depth 76 feet) (See Rasmussen and Slaugher, 1955)		
Well WO-CG 14 (Altitude: 6 feet, Depth 94 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CG 20 (Altitude: 3 feet, Depth 81 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CG 30 (Altitude: 6 feet, Depth 98 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-CG 32 (Altitude: 4 feet)		
Fill	2	2
Sand, fine	9	11
Clay, dark gray	21	32
Sand and clay streaks; mixed with few shell	18	50
Sand and gravel; few clay streaks	25	75
Sand, coarse, gray and gravel	33	108
Sand, fine; mixed with sand clay	37	145
Shell; sand and clay	15	160
Sand, coarse and shells	40	200
Sand, coarse and shells; mixed with clay streaks	27	227
Clay, gray; soft mud; with sand	13	240
Sand and gravel	10	250
Sand, coarse and gravel	25	275
Sand; gravel and shells	10	285
Sand, fine, gray; shells and clay	15	300
Well WO-CG 35 (Altitude: 7 feet)		
Topsoil	2	2
Clay	6	8
Sand; water bearing	2	10
Clay	8	18

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand and gravel; water bearing	6	24
Sand	34	58
Clay	12	70
Sand and gravel; water bearing	26	96
Sand	34	130
Sand and gravel; water bearing	12	142
Clay	18	160
Sand	70	230
Gravel and shells; water bearing	10	240
Well WO-DB 3 (Altitude: 45 feet)		
Sand, medium to coarse, brown	19	19
Clay, blue	23	42
Sand, medium, gray and gravel	8	50
Sand, medium, gray	72	122
Clay, blue; with fine gray sand and shells	102	224
Sand, medium, gray; with some shells	9	233
Sand, fine, gray	7	240
Well WO-DC 14 (Altitude: 20 feet, Depth 59 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DC 16 (Altitude: 25 feet, Depth 115 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DC 17 (Altitude: 30 feet)		
Sand, fine and clay, brown	10	10
Sand, medium, white and clay collars	10	20
Sand, coarse and pebbles, tan	20	40
Sand, medium-coarse, tan	10	50
Sand, granular, light tan	10	60
Sand, medium-coarse, gray-tan	10	70
Sand, granular, grayish-tan	10	80
Sand, medium, grayish tan	10	90
Pebbles and granular sand, grayish tan and some clay	10	100
Sand, medium, gray	10	110
Sand, medium, tanish gray	10	120
Sand, fine-medium, light gray; trace of clay	10	130
Gravel and coarse sand, gray	10	140

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Clay and sand, coarse, dark gray	10	150
Sand, fine; clay, gray	10	160
Clay, dark gray	30	190
Clay, dark gray and abundant shell material	20	210
Sand, very fine; common shell material	10	220
Sand, fine-medium and clay, dark gray (Hard layer at 223 feet)	10	230
Sand, medium-coarse, dark gray; some clay balls	10	240
Sand, fine-medium, gray	10	250
Sand, fine-medium, gray (rare shell fragments from above?)	10	260
Sand, fine; beginning to get clayey	10	270
Sand, fine-very fine, gray	10	280
Sand, fine and clay, dark gray; some shells	10	290
Clay and fine sand; shell gragments; but not definitely St. Marys	10	300
Sand, very fine, dark gray	10	310
Clay and sand, very fine, gray	10	320
Sand, medium to coarse, gray	15	335
Sand, medium and clay, dark gray	15	350
Sand, fine to clayey, dark gray	15	365
Clay, gray and some shells (very small gastropods and echinoid spines)	15	380
Clay; shell fragments - St. Marys, dark gray	10	390
Well WO-DC 20 (Altitude: 20 feet)		
Topsoil	1	1
Sand, fine to medium and gray clay layers	11	12
Sand, fine to coarse, tan and gravel	54	66
Sand, fine to coarse, tan and iron ore	11	77
Clay, blue	6	83
Sand, fine to coarse, gray and 3 percent blue clay layers	74	157
Sand, fine to medium, gray and 2 percent shell and 1 percent blue clay	39	196
Clay layers, blue and brown	61	257
Sand, fine to medium, gray and blue clay layers	25	282
Shell layers, hard	18	300
Sand, fine 60 percent medium, gray	51	351
Sand, fine, gray and blue clay layers	9	360

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-DC 22 (Altitude: 11 feet)		
Topsoil	1	1
Sand, fine to coarse, tan; with yellow clay	6	7
Sand, fine to medium, tan	6	13
Sand, fine to coarse, white; with white clay	15	28
Sand, fine to coarse, tan; with gravel	30	58
Clay, gray; with fine to medium gray sand layers	38	96
Sand, fine to coarse, gray	47	143
Sand, fine to medium, gray	10	153
Clay, gray	9	162
Clay, gray; with small fine white sand and shell layers	89	251
Shell	1	252
Clay, gray	2	254
Shell	2	256
Sand, fine, white; with shell	64	320
Well WO-DD 10 (Altitude: 20 feet, Depth 405 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DD 23 (Altitude: 17 feet, Depth 80 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DD 25 (Altitude: 15 feet Depth 330 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DD 26 (Altitude: 5 feet, Depth 336 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DD 27 (Altitude: 5 feet, Depth: 286 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DD 37 (Altitude: 5 feet)		
Sand, fine, tan	4	4
Organic layer	2	6
Sand, poorly sorted, white	6	12
Sand, fine to coarse, white	8	20
Sand, medium-coarse, white	20	40

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, medium, white; with assorted gravel	10	50
Sand, fine to medium, white	20	70
Sand, fine; white gravel	3	73
Clay, gray; with sand	24	97
Sand, very fine, gray	3	100
Sand, medium coarse, gray and gravel	8	108
Clay, gray	2	110
Sand, poorly sorted; with gravel	16	126
Clay, gray; with sand	5	131
Sand, medium, gray	9	140
Sand, medium coarse, gray	15	155
Clay, sandy, gray	11	166
Sand, very fine, grey and shell	8	174
Clay, gray and shells	26	200
Clay, gray	20	220
Clay, gray; sand and shells	5	225
Clay, gray; few shells	35	260
Sand, medium to fine, gray	10	270
Sand, medium coarse and shells	10	280
Sand, fine to coarse, gray	20	300
Sand, fine, gray; with shells	12	312
Clay, gray; with shells	28	340
Clay, gray; with shells and sand	20	360
Clay, gray; shells; with coarse sand	20	380
Well WO-DD 41 (Altitude: 27 feet)		
Clay, red	3	3
Sand and gravel. Water at 60 feet. Iron	57	60
Sand and gravel. Water at 115 feet. Iron	70	130
Sand, fine, black	32	162
Clay, black	35	197
Sand, fine and clay	46	243
Sand, packed, white and black	12	255
Well WO-DD 44 (Altitude: 17 feet)		
Sand	76	76
Clay	15	91
Sand and clay	25	116
Sand, gray	22	138

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Clay	122	260
Rock and clay	33	293
Sand, gray	37	330
Well WO-DD 58 (Altitude: 38 feet)		
Clay, dark and sand	26	26
Sand, medium, gray	14	40
Clay, blue	45	85
Sand, medium, gray	15	100
Clay, blue	--	100
Well WO-DE 31 (Altitude: 45 feet)		
Soil	6	6
Sand, coarse, white and water	6	12
Clay, soft, blue	17	29
Sand, fine, gray and water	15	44
Clay, hard, blue	83	127
Sand, fine, gray and water	26	153
Well WO-DF 3 (Altitude: 5 feet)		
Sand, brown and white	5	5
Clay, brown	4	9
Sand, white	21	30
Clay, gray	19	49
Sand, white and gravel	19	68
Clay, gray	4	72
Sand and gravel	19	91
Clay, gray	25	116
Sand, brown; water	29	145

Well WO-DG 1 (Altitude: 9 feet, Depth 79 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-DG 2 (Altitude: 9 feet, Depth 89 feet)
(See Rasmussen and Slaughter, 1955)

Well WO-DG 4 (Altitude: 8 feet, Depth 151 feet)
(See Rasmussen and Slaughter, 1955)

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-DG 5 (Altitude: 8 feet, Depth 150 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-DG 8 (Altitude: 7 feet)		
Sand, fine to medium, tan	6	6
Clay, sandy, tan	3	9
Sand, medium, gray	9	18
Sand, blue; clay and shell	13	31
Clay, hard, blue and shells	17	48
Sand, fine, gray and shells	16	64
Clay, sandy, blue and shells	27	91
Sand, medium coarse, gray and shell	36	127
Clay, sandy, blue and shells	6	133
Sand, medium to coarse, brown	5	138
Sand, fine to medium, brown	24	162
Sand, medium; with green clay chips	14	176
Sand, fine to medium, gray and clay	54	230
Sand, fine to medium, gray and shells	18	248
Sand, fine to medium, gray and shells; (mostly medium sand)	32	280
Sand, mostly, medium, gray, (drill chatters), hard	10	290
Sand, medium, gray, (drill chatters), hard	10	300
Sand, fine to medium, gray	12	312
Silt; blue clay and shells	8	320
Sand, fine to medium, gray	20	340
Sand, fine, gray; with green clay chips (drilled slow)	42	382
Sand, fine to medium, gray	26	408
Sand, fine, gray and silt	20	428
Clay, sandy, gray	72	500
Well WO-DG 10 (Altitude: 5 feet)		
Clay, yellow; fill	6	6
Sand, fine, gray	7	13
Sand, fine, gray; with clay streaks	15	28
Clay, gray; with some sand	10	38
Sand, fine, gray; with clay and shells	40	78
Clay, blue	4	82
Sand, fine to medium	14	96

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, fine; with clay	4	100
Sand, medium, gray	16	116
Sand, medium and clay	19	135
Sand, coarse, gray	50	185
Clay, blue	10	195
Clay, sandy, blue	25	220
Sand, fine; with shell	10	230
Sand, fine, gray	5	235
Clay, sandy, blue	5	240
Sand, fine; clay and shells	20	260
Sand, fine to medium	5	265
Sand, medium and shells	51	316
Clay, blue and sand	4	320
Clay, blue	20	340
Well WO-EB 17 **(Altitude: 20 feet)**		
Sand, fine, tan; silty	5	5
Clay, tan	10	15
Sand, fine to medium, tan	7	22
Sand, medium to very coarse, poorly sorted, tan	10	32
Sand, medium, tan; white gravel	8	40
Sand, coarse, gray white; gravel	10	50
Sand, medium to very coarse, poorly sorted, gray gravel	5	55
Clay, gray; sandy	15	70
Clay, gray	10	80
Sand, medium, well sorted, gray	10	90
Sand, fine to medium, gray	10	100
Sand, coarse, gray; silty	10	110
Sand, fine, gray-tan; few gravel	10	120
Sand, medium to very coarse, gray-tan	10	130
Clay, no sample	10	140
Sand, medium to coarse, gray tan	20	160
Sand, fine to medium, gray-tan; shells	10	170
Sand, medium; gray tan shells	10	180
Sand, fine to medium, gray shells	10	190
Sand, fine to very coarse, poorly sorted, gray-tan; many shell fragments	10	200
Sand, fine to medium, gray; shells	10	210
Sand, medium to coarse, gray; silty; shells	10	220

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Clay, gray	20	240
Clay, gray; many shells	20	260
Clay, gray; shells	20	280
Clay, gray	20	300
Clay, gray; shells	20	320
Clay, gray	70	390
Well WO-EB 18 (Altitude: 25 feet)		
Soils, surface	9	9
Sand and water	12	21
Mud and sand mix	12	33
Sand and water	51	84
Gravel, coarse and water	21	105
Mud	163	268
Sand, fine and water	26	294
Well WO-EC 26 (Altitude: 7 feet, Depth 117 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-EC 28 (Altitude: 11 feet)		
Sand, brown	5	5
Sand, white	12	17
Clay, green	16	33
Wood and clay	2	35
Clay and sand	5	40
Sand, gray and white	21	61
Clay, sandy, green	21	82
Sand, white and gray	14	96
Clay	7	103
Sand, brown and white	7	110
Sand, fine, white	3	113
Sand, white and brown	10	123
Clay, gray	7	130
Sand, brown and white	18	148
Clay, sandy, green	159	307
Sand, gray	45	352
Well WO-EC 29 (Altitude: 18 feet)		
Sand	15	15
Clay, brown	2	17

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand	62	79
Clay	44	123
Sand, gray and brown	36	159
Sand and clay	45	204
Shell and clay	38	242
Clay	45	287
Rock	2	289
Clay	23	312
Sand, gray	28	340
Clay, sandy	25	365
Well WO-EC 30 (Altitude: 10 feet)		
Topsoil	1	1
Clay, yellow gray	5	6
Sand, fine to coarse, tan; with some yellow clay	15	21
Sand, fine to coarse, tan; with gravel	37	58
Clay, black	3	61
Sand, fine, gray; with shell	2	63
Clay, gray	21	84
Sand, fine to coarse, white	28	112
Sand, fine to coarse, gray	15	127
Clay, gray	9	136
Sand, fine; with shell; with gray clay layers	68	204
Clay, gray	38	242
Sand, fine; with shell; with gray clay	26	268
Shell (hard)	2	270
Clay, gray	8	278
Sand, fine, white; with shell (10 percent)	60	338
Clay, sandy, gray	22	360
Well WO-EC 35 (Altitude: 35 feet)		
Sand, fine	35	35
Clay	12	47
Sand, medium and fine	18	65
Sand, coarse and gravel; water bearing	16	81
Clay	16	97
Sand, fine; clay	8	105
Sand, medium and coarse; and gravel; water bearing	21	126

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, fine	21	147
Sand, coarse; some shell	12	159
Sand, coarse; gravel and shell; water bearing	9	168
Sand, fine, black	21	189
Sand, fine, black and shell	16	205
Clay	42	247
Sand, medium and coarse; and shell	13	260
Well WO-EC 40 (Altitude: 16 feet)		
Topsoil and clay	3	3
Sand, meal	9	12
Sand, fine, black	6	18
Sand, medium coarse; water 30 feet to 40 feet, iron	23	41
Sand, fine; mixed with shell	27	68
Sand, loose; water bearing (iron)	12	80
Clay	25	105
Sand, medium coarse; hard rock at 118 feet; water bearing, iron	13	118
Clay	57	175
Sand, loose, fine	5	180
Clay; except for thin layers of fine sand	67	247
Sand and gravel, coarse, packed; some shell	16	263
Well WO-ED 7 (Altitude: 36 feet, Depth 100 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-ED 8 (Altitude: 36 feet, Depth 181 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-ED 10 (Altitude: 35 feet, Depth 112 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-ED 16 (Altitude: 40 feet, Depth 151 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-ED 24 (Altitude: 40 feet)		
Topsoil	1	1
Sand, fine, tan; with yellow clay	6	7
Sand, fine to medium, white; with gray clay	11	18
Sand, fine to medium, white; with blue clay	18	36

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, fine to medium, white	21	57
Sand, fine to medium, white; with blue clay	6	63
Sand, fine to medium, white; with white clay; with iron	38	101
Sand, fine to medium, tan	5	106
Sand, fine to medium, white; with shell; with iron ore; with blue clay	50	156
Sand, fine, white; with iron ore; with shell	8	164
Sand, fine to medium, white; with iron; with shell	16	180
Well WO-ED 37 (Altitude: 39 feet)		
Topsoil and clay	3	3
Sand, medium coarse; very little water	18	21
Sand and clay	9	30
Sand, medium coarse, water bearing (iron)	8	38
Sand, fine and clay	45	83
Sand, medium coarse; some water (iron)	14	97
Clay	18	115
Sand, packed; water bearing (iron)	9	124
Sand, fine and clay	43	167
Sand, loose; contains some water	13	180
Clay	10	190
Sand and gravel, packed; some shell; water bearing	18	208
Well WO-EE 15 (Altitude: 5 feet)		
Topsoil and clay	2	2
Sand, fine	9	11
Sand, fine and clay	11	22
Sand, medium coarse; some water	12	34
Clay	20	54
Sand, medium coarse and gravel; water bearing (iron)	19	73
Sand, fine and clay	95	168
Sand, gray; some shell; water bearing, (water good, no iron	12	180
Well WO-EE 17 (Altitude; 35 feet)		
Topsoil and yellow clay	5	5
Clay, gray and sand	13	18
Sand, yellow	17	35

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, yellow and gravel	20	55
Sand, finer, yellow	20	75
Clay, blue	5	80
Sand, fine, yellow and clay	10	90
Sand, yellow and gravel	10	100
Well WO-EF 1 (Altitude: 7 feet, Depth 176 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-EF 2 (Altitude: 4 feet, Depth 228 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-EF 3 (Altitude: 4 feet, Depth 169 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-EF 22 (Altitude: 3 feet)		
Sand; water at 10 feet	11	11
Sand, fine and clay	18	29
Sand, medium coarse	7	36
Sand, fine and clay	21	57
Sand, fine; mixed with fine shell	6	63
Clay	21	84
Sand, packed; water (salty) bearing	23	107
Sand, fine and clay	8	115
Sand, coarse and gravel; water (salty) bearing	11	126
Sand, fine and clay	45	171
Sand, loose, fine; water bearing	9	180
Clay	18	198
Sand, packed and shell; water bearing	12	210
Well WO-FA 12 (Altitude: 16 feet)		
Topsoil	1	1
Sand, fine	8	9
Gravel and coarse sand; spots of clay	8	17
Gravel, coarse and sand; water (iron) bearing	4	21
Sand, fine	16	37
Clay, blue	51	88
Sand, coarse, white and fine gravel; water (iron) bearing	17	105

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, fine to medium; some clay	10	115
Sand, white and gravel; water (iron) bearing	8	123
Sand, fine, packed and shell	8	131
Sand, coarse and medium gravel and shell	14	145
Well WO-FA 14 (Altitude: 11 feet)		
Clay	3	3
Sand, meal	12	15
Sand, fine, black	12	27
Sand and gravel; water at 38 feet, iron	11	38
Clay	16	54
Sand, fine and shell; no water	7	61
Sand, fine and clay	22	83
Sand, loose, fine	14	97
Sand, medium coarse and gravel mixed with shell; water bearing	11	108
Well WO-FA 17 (Altitude: 15 feet)		
Topsoil	3	3
Clay, red	4	7
Sand, fine	11	18
Sand, coarse; water bearing	7	25
Sand, fine	13	38
Sand, fine to coarse; water bearing	10	48
Mud, black	72	120
Hard pan	3	123
Sand, fine to coarse	11	134
Sand, coarse and gravel	7	141
Well WO-FB 1 (Altitude: 20 feet, Depth 128 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 2 (Altitude: 20 feet, Depth 130 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 3 (Altitude: 20 feet, Depth 32 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 4 (Altitude: 20 feet, Depth 37 feet) (See Rasmussen and Slaughter, 1955)		

Table 5. Logs of wells in Worcester County--Continued

		Thickness (Ft)	Depth Ft)
Well WO-FB 5	(Altitude: 20 feet, Depth 36 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 6	(Altitude: 20 feet, Depth 40 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 7	(Altitude: 20 feet, Depth 42 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 8	(Altitude: 20 feet, Depth 136 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 9	(Altitude: 15 feet, Depth 145 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 10	(Altitude: 5 feet, Depth 129 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 11	(Altitude: 3 feet, Depth 157 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 12	(Altitude: 4 feet, Depth 141 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 13	(Altitude: 6 feet, Depth 100 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 14	(Altitude: 20 feet, Depth 148 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 17	(Altitude: 28 feet, Depth 164 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 18	(Altitude: 28 feet, Depth 170 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 19	(Altitude: 4 feet, Depth 1540 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FB 43	(Altitude: 20 feet, Depth 134 feet) (See Rasmussen and Slaughter, 1955		

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-FB 47 (Altitude: 20 feet)		
Topsoil	3	3
Clay, soft, sandy	9	12
Sand, coarse	3	15
Gravel, coarse, large	15	30
Clay, blue	32	62
Clay, blue and shell	22	84
Sand, gray	19	103
Sand, coarse, gray and brown	28	131
Shells, some clay	14	145
Sand and shells; with clay; some gravel	11	156
Sand, black; shells and clay	13	16
Shell rock	3	172
Clay, gray	25	197
Clay, greenish, sand (y)	7	204
Sand, fine, gray	10	214
Clay, green; some shell	7	221
Clay, green and shell	5	226
Sand, fine, silty, green	11	237
Clay, green	21	258
Sand, green, rock	2	260
Sand, fine, white	20	280
Sand, fine, white and shells	30	310
Clay, pinkish brown	15	325
Sand, thin steaks: sandy(y) clay and pinkish clay	25	350
Well WO-FB 51 (Altitude: 22 feet)		
Topsoil; black clay	6	6
Sand, gray and black clay	16	22
Sand, yellow and fine gravel	26	48
Sand, yellow and large gravel	22	70
Sand, gray	20	90
Clay, blue	50	140
Sand, heavy, brown and gravel	20	160
Sand, brown; with some gravel	30	190
Clay, blue	34	224
Shell, white and yellow, flakes	14	238
Topsoil and black clay	5	5
Clay, black; yellow sand	15	20
Sand, yellow and gravel	25	45

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Sand, yellow	15	60
Sand, gray and gravel	20	80
Clay, blue	35	115
Clay, blue; yellow sand and gravel	40	155
Clay, blue and shell	35	190
Sand, gray and white shell	15	205
Clay, blue and sand, gray	25	230
Shell, yellow, flake and sand	10	240
Well WO-FB 82 (Altitude: 34 feet)		
Topsoil and clay	5	5
Sand, yellow and blue clay	15	20
Sand, yellow and gravel	25	45
Sand, gray and blue clay	25	70
Clay, blue	52	122
Sand, brown and gravel	13	135
Clay, blue	13	148
Sand, brown and gravel	7	155
Clay, blue	65	220
Shell, flake and gray sand	10	230
Well WO-FB 85 (Altitude: 34 feet)		
Topsoil	5	5
Sand, white	10	15
Clay, blue	55	70
Sand and gravel	5	75
Clay, blue	45	120
Sand and gravel, brown	20	140
Sand and gravel, gray	5	145
Shell, flake and sand, brown	45	190
Clay, blue	55	245
Shell, flake and sand	10	255
Well WO-FB 89 (Altitude: 30 feet)		
Clay	12	12
Sand	23	35
Gravel	15	50
Sand	30	80
Clay, blue	70	150

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Clay, blue and gravel	10	160
Clay, blue	60	220
Shell, large; followed by finer shell and sand	20	240
Well WO-FB 93 (Altitude: 6 feet)		
Sand, fine and clay	8	8
Sand and gravel, packed all the way; water	25	33
Sand, fine and clay	24	57
Sand, fine; mixed with shell	5	62
Clay	26	88
Hard pan	1.5	89.5
Sand, fine	6.5	96
Clay	36	132
Sand, packed and gravel; with shell; water all the way	19	151
Well WO-FB 101 (Altitude: 26 feet)		
Topsoil; black clay	5	5
Sand, fine, yellow	20	25
Sand, coarse, yellow	20	45
Clay, blue	45	90
Sand, brown and gravel	40	130
Clay, blue	25	155
Gravel, brown	10	165
Clay, blue	55	220
Shell, flake, yellow; grey sand; blue clay	20	240
Well WO-FC 33 (Altitude: 36 feet)		
Sand, fine, tan	5	5
Clay, blue	11	16
Sand, medium, gray	12	28
Clay, blue	12	40
Sand, fine to medium, gray	20	60
Sand, coarse and gravel	37	97
Clay, blue	23	120
Sand, very fine, gray	30	150
Clay, blue and shells	15	165

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Clay, blue; fine sand and shells	7	172
Clay, blue and shells	30	202
Sand, fine, gray	18	220
Clay, blue	10	230
Sand, very fine, gray	8	238
Clay, blue	12	250
Well WO-FC 39 (Altitude: 37 feet)		
Topsoil	3	3
Clay, red	3	6
Sand, fine	6	12
Sand, coarse; water bearing	6	18
Sand, fine	31	49
Sand, coarse; gravel; water bearing	5	54
Mud, black	36	90
Mud, and sand	60	150
Sand, coarse; gravel; some shell	8	158
Well WO-FC 44 (Altitude: 35 feet)		
Topsoil and clay	3	3
Sand, fine	13	16
Sand, fine, black	12	28
Sand, medium coarse; contains some water, iron	9	37
Sand, fine, black	30	67
Sand, medium coarse; some gravel; some water, iron	11	78
Clay	41	119
Sand, meal	28	147
Clay; fine shell; fine sand	16	163
Sand, packed; some gravel; water bearing	21	184
Well WO-FD 13 (Altitude: 2 feet)		
Shell, oyster	5	5
Sand, fine, black and clay	24	29
Sand and gravel; water bearing, contains iron	12	41
Clay; with some fine sand	36	77
Sand, coarse and gravel; water bearing, (iron)	14	91
Clay; with some fine sand	61	152
Sand, medium coarse; some water, not enough to develop	28	180
Sand, coarse and gravel; with some shell; water bearing	14	194

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-FD 25 (Altitude: 30 feet)		
Sand, fine, brown and clay	10	10
Sand, coarse, brown	5	15
Clay, brown	5	20
Sand, coarse, brown and gravel	40	60
Sand, fine, tan	8	68
Clay, blue; with fine sand	52	120
Sand, medium, brown	20	140
Clay, blue and shells	10	150
Sand, fine to medium, brown	10	160
Sand, fine, brown	26	186
Clay, brown	14	200
Sand, fine, brown and shells	10	210
Sand, fine to very fine and shells	26	236
Clay, blue and shells	18	254
Sand, fine, tan and shells; hard slow drilling, drill rod chattered	16	270
Sand, some, fine; blue clay; with shells	24	294
Clay, blue and shells	16	310
Well WO-FF 1 (Altitude: 7 feet, Depth 104 feet) (See Rasmussen and Slaughter, 1955)		
Well WO-FF 2 (Altitude: 4 feet)		
Sand, beach	10	10
Turf, marsh	5	15
Sand, fine, white	10	25
Gravel	5	30
Sand, fine, white and shell	10	40
Sand, fine	20	60
Sand, fine to medium	20	80
Sand; gravel; shell mixed	18	98
Clay, blue	72	170
Shell, solid	20	190
Clay, blue	30	220
Sand, fine white	10	230
Sand, medium coarse, gray; into water	14	244

Table 5. Logs of wells in Worcester County--Continued

	Thickness (Ft)	Depth (Ft)
Well WO-FF 3 (Altitude: 8 feet)		
Turf, marsh	10	10
Sand, beach	20	30
Sand, beach; some gray clay	13	43
Sand, fine	10	53
Sand, fine, white; some shell	10	63
Sand, fine; shell; some clay	34	97
Clay, blue	50	147
Sand, green; salt water	10	157
Clay, blue	40	197
Sand, gray; into water	12	209
Well WO-FF 8 (Altitude: 8 feet)		
Sand and decayed vegetation	40	40
Clay	40	80
Sand and shells	40	120
Clay	40	160
Gravel; sand and clay	20	180
Clay	30	210
Sand, fine	10	220
Clay	10	230
Sand	15	245
Well WO-FF 9 (Altitude: 2 feet)		
Topsoil	3	3
Clay	14	17
Sand; water bearing	4	21
Clay	39	60
Sand and gravel; water bearing	10	70
Clay	110	180
Shells	1	181
Clay	29	210
Shells	4	214
Clay	28	242
Shells	2	244
Clay	24	268
Sand; shells; gravel; water bearing	12	280

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Basic Data Reports

1. Records of wells and springs in Baltimore County, Maryland by C. P. Laughlin, 1966, 406 p. $6.00

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3. Hydrogeologic data from the Janes Island State Park test well (1,514 feet) Somerset County, Maryland, by H. J. Hansen, 1967, 24 p. 2.50

4. Southern Maryland – Records of selected wells, water levels, and chemical analyses, by J. M. Weigle and W. E. Webb,, 1970, 48 p. AND, Water resources of southern Maryland, by J. M. Weigle, W. E. Webb, and R. A. Gardner, 1970, 3 atlas sheets 5.25

5. Deep wells of Maryland, by Jonathan Edwards, Jr., 1970, 162 p., with map 3.00

6. Worcester County ground-water information: well records, pumpage, chemical data, and selected well logs, compiled by Richard C. Lucas, 1972, 90 p. 3.75

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