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

WATER RESOURCES BASIC DATA REPORT NO. 14

RECORDS OF SELECTED WELLS, CALVERT AND ST. MARY'S COUNTIES, MARYLAND

compiled by
David D. Drummond

prepared in cooperation with the
United States Department of the Interior
Geological Survey,
Planning Commission of Calvert County,
and
Board of Commissioners, St. Mary's County

1984

CONVERSION OF MEASUREMENT UNITS

The following factors may be used to convert the inch-pound units published in this report to International System (SI) metric units.

To convert from	Multiply by	To obtain
foot (ft)	0.3048	meter (m)
gallon (gal)	3.785	liter (L)
gallon per minute (gal/min)	0.06309	liter per second (L/s)
gallon per minute per foot [(gal/min)/ft]	0.2070	liter per second per meter [(L/s/m)]
gallon per day (gal/d)	3.785	liter per day (L/d)
square mile (mi^2)	2.590	square kilometer (km^2)

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RECORDS OF SELECTED WELLS, CALVERT AND ST. MARY'S COUNTIES, MARYLAND

compiled by
DAVID D. DRUMMOND

INTRODUCTION

This report presents geohydrologic data from Calvert and St. Mary's Counties in southern Maryland. It is a complete compilation insofar as it includes all the water wells (604 in Calvert County and 904 in St. Mary's County) inventoried by the U.S. and Maryland Geological Surveys since the introduction of the present inventory system in 1943. No attempt has been made, however, to inventory all wells drilled in the area. Data were compiled from Bulletin 8 (Overbeck, 1951), Bulletin 11 (Ferguson, 1953) and Bulletin 15 (Otton, 1955) published by the Maryland Department of Geology, Mines, and Water Resources; Basic Data Report No. 4 (Weigle and Webb, 1970) published by the Maryland Geological Survey; unpublished data on file at the U.S. Geological Survey; and data collected during this project (Chapelle and Drummond, 1982). Much of this information was entered into a computerized data base, and tables 2, 3, 7, and 8 were generated by programs utilizing this data base.

Calvert and St. Mary's Counties are in southern Maryland, on the western shore of the Chesapeake Bay, and are separated by the Patuxent River (fig. 1). Calvert County is bor-

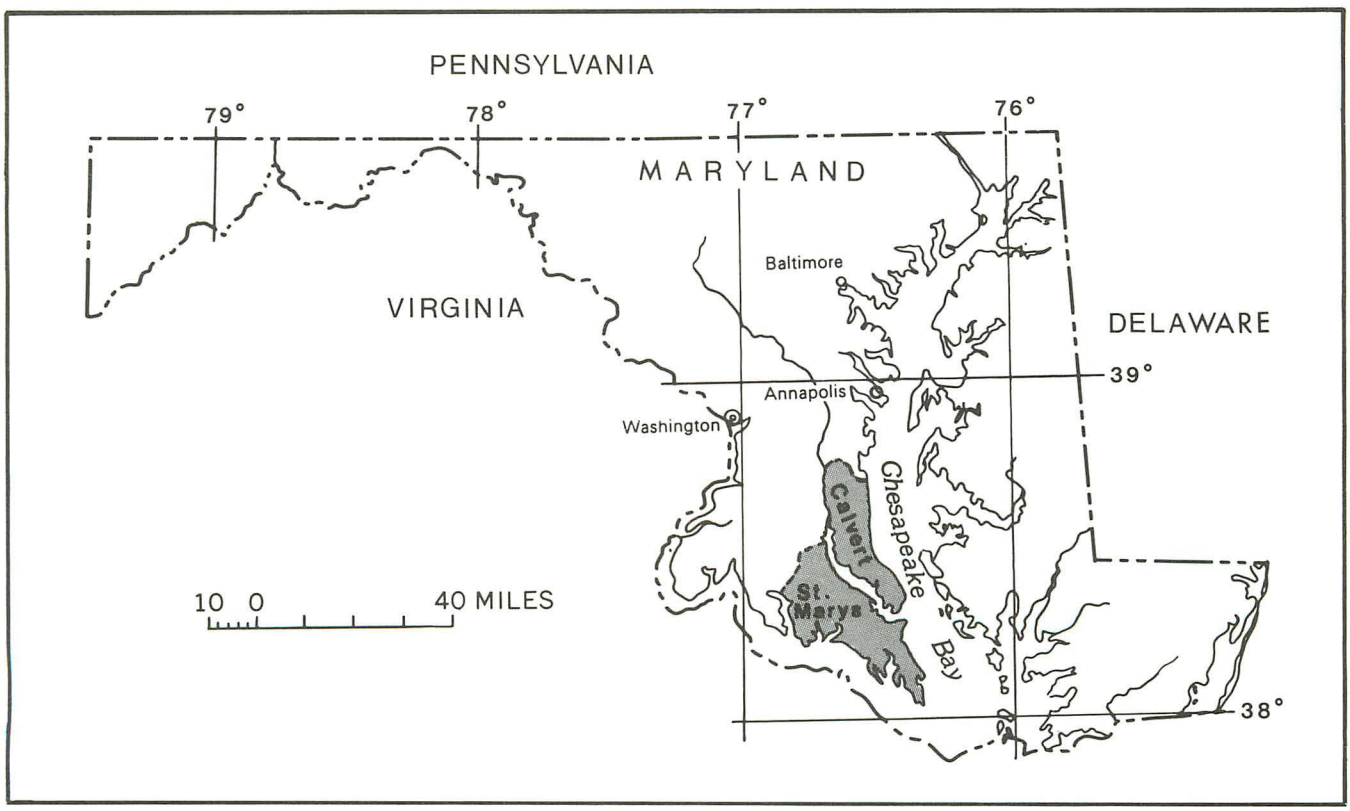

Figure 1.—Map showing location of study area.

dered by the Chesapeake Bay to the east, Anne Arundel County to the north, Prince George's and Charles Counties to the west, and St. Mary's County to the southwest. St. Mary's County is bordered by the Chesapeake Bay and Calvert County to the east, Charles County to the northwest, and Virginia to the southwest.

Calvert County is the smallest county in Maryland with a total area of 244 mi^2, including 25 mi^2 of water. Altitudes range from sea level to about 190 ft near Mt. Harmony (fig. 2) in the northern part of the county. According to the 1980 census, the population of Calvert County is 34,308.

St. Mary's County includes a total of 420 mi^2, including 53 mi^2 of water. Altitudes range from sea level to about 190 ft near Charlotte Hall (fig. 2). According to the 1980 census, the population of St. Mary's County is 59,799.

Calvert and St. Mary's Counties lie entirely within the Atlantic Coastal Plain physiographic province. They are underlain by sediments of Cretaceous, Tertiary, and Quaternary age, which dip gently and thicken to the southeast (table 1). Below these sediments lies hard, crystalline bedrock which has been reached by one test well, SM-DF 84, in Lexington Park at a depth of 2,623 feet below land surface (Hansen and Wilson, 1984)*. Limited seismic data suggest that bedrock ranges from 2,000 ft below sea level in northern Calvert County and western St. Mary's County to about 3,000 ft below sea level in southern St. Mary's County (Hansen, 1978).

ACKNOWLEDGMENTS

Funding was provided by the Planning Commission of Calvert County, the Board of Commissioners of St. Mary's County, and the Maryland Geological Survey in cooperation with the U.S. Geological Survey.

The assistance of many people was invaluable in preparing this report. The Maryland Water Resources Administration provided well permits and other useful data. Frank Chapelle, James F. Williams III, and Tracey Curley of the U.S. Geological Survey helped in collecting and processing data. Harry J. Hansen of the Maryland Geological Survey provided overall supervision. The help and cooperation of the county governments were much appreciated in locating drilling sites and supplying data. Finally, special thanks are given to the many homeowners who made available information concerning the wells inventoried in this study.

WELL RECORDS

Tables 2 and 3 present records of all wells inventoried by the Maryland and U.S. Geological Surveys in Calvert and St. Mary's Counties. The records are ordered by well numbers, which are assigned by the following system: Each county in Maryland is divided into quadrangles of 5 minutes of latitude and longitude (fig. 2). Each quadrangle is assigned a two-letter code, the first of which is determined by the latitude section, the second by the longitude section. The first group of letters in the well number indicates the county code (CA for Calvert and SM for St. Mary's); the second group indicates the 5-minute quadrangle in which the well is located; and the third group is a sequential number generally assigned according to the order in which the well was inventoried. Thus, CA DC 22 is assigned to the 22nd well inventoried in quadrangle DC in Calvert County. Earlier reports show a three-letter county code and a lowercase letter as the second letter in the quadrangle designation (Cal-Dc 22). This has been changed to the standard format for computerization purposes. The locations of the wells are shown on well location maps contained in this report.

State permit numbers have been assigned to wells drilled since 1945. Initially, the agency in charge of the well drillers law and the issuing of permits was the Maryland Department of Geology, Mines and Water Resources. In 1964, responsibility shifted to the Maryland Water Resources Administration and, in 1981, to the individual county health departments. Since the introduction of this permit system, the permit number has taken three forms, which have been put into a standard format for computerization purposes. From 1970 through the present (March 1982), the permit number consists of two letters that indicate the county code, followed by two numbers that indicate the year the permit was issued (until 1973, after which all wells have been assigned "73" or "74" regardless of year issued), followed by a four-digit sequential number (SM-73-1433). From 1964 through 1969, approximately the same system was used, but the year designation was separated from the sequence number by a "W", and the sequence number was not four digits. This number has been put into the present format. Thus, SM-66-W-195 is listed in this report as SM-66-0195. Before 1964, *all permits issued* in Maryland were assigned a sequential number regardless of the county. This, too, has been put into standard format.

* The deepest well in Calvert County is CA-DB 36, drilled to 1,515 feet near Prince Frederick (Weigle and Webb, 1970, p. 28-34).

Table 1.—Geologic units in southern Maryland and their geohydrologic characteristics.

System	Series (Group)	Stratigraphic units		Thickness (feet)	Dominant lithologic character	Water-bearing properties
Quaternary and Tertiary (?)	Holocene Pleistocene Pliocene (?)	Lowland and upland deposits		0-190	Sand, gravel, and silt; tan to rusty orange; predominantly quartz.	Yields small to moderate amounts of water to wells. Utilized primarily as a water source for shallow, domestic, and farm wells. The upper recharging water-table aquifer to the Aquia and Piney Point-Nanjemoy aquifers in southern Maryland.
Tertiary	Miocene	Chesapeake Group	St. Marys Formation	0-80	Clay, sandy, silty; greenish-blue to yellow; fossiliferous.	Functions as a confining bed.
			Choptank Formation	0-60	Clay, silty; olive-green to gray; fossiliferous.	Functions as a confining bed.
			Calvert Formation	0-180	Clay, silty; olive-green to gray; fossiliferous; lower member is diatomaceous and contains phosphatic pebbles.	Functions as a confining bed.
	Eocene	Piney Point Formation		0-80	Sand; grayish-green to grayish-white; medium- to coarse-grained; quartz is most common mineral; glauconitic; calcite-cemented shell beds common.	Important source of water in southern Calvert and St. Mary's Counties. Hydraulically connected to the upper sandy portion of the Nanjemoy Formation.
		Nanjemoy Formation		0-250	Sand, silt, clay; blackish-green to gray; quartz most common mineral; glauconitic; the upper portion of formation is predominantly sand; the lower portion is predominantly silt and clay.	The upper sandy portion is an important source of water in Calvert and St. Mary's Counties and is hydraulically connected to the overlying Piney Point Formation. The lower portion of the formation functions as a confining bed.
	Paleocene	Marlboro Formation		0-35	Clay, pinkish-red to silvery-gray; very plastic; thin lenses of pale gray silt.	Functions as a confining bed.
		Aquia Formation		0-230	Sand, greenish-black; quartz most common mineral; glauconitic; lenses of silty-clay and shell beds common; calcite cementation common.	A primary source of water in southern Anne Arundel County and in St. Mary's and Calvert Counties. An important source of water in southern Charles and Prince George's Counties.
		Brightseat Formation		0-40	Silt, clayey; gray to dark gray; micaceous.	Functions as a confining bed.
Cretaceous	Upper Cretaceous	Severn, Matawan, and Magothy Formations, undifferentiated		350-1,700	Silt, sand, clay; interbedded.	Magothy is a primary water source in northern Anne Arundel County, but is not present in southern Calvert or St. Mary's Counties. Severn and Matawan function as confining beds.
	Lower Cretaceous	Patapsco, Arundel, and Patuxent Formations, undifferentiated		300-2,500	Silt, sand, clay; gravel interbedded.	Yields large amounts of water in Charles, Prince George's, and northern Anne Arundel Counties. Untested in southern Calvert and St. Mary's Counties.
Paleozoic and Precambrian		Crystalline rocks (basement)		Unknown	Complex assemblage of schists, granites, gneisses, and gabbros.	Untested.

Thus, 15378 is listed in this report as SM-01-5378. The one exception to this system is CA FE 29, a geothermal test well near Cove Point, which was permitted under the geothermal system as 80-GEA-001. Since 1972, drillers have been required to place metal tags on wells that display the permit number.

Depth of well (tab. 2) indicates the depth from land surface to the bottom of the screen in screened wells, or the depth to the bottom of the hole for open-hole wells. The principal aquifer codes listed refer to the following aquifers:

112	PLSC	Pleistocene	125	AQUI	Aquia
122	CLVR	Calvert	211	CRCSU	Upper Cretaceous
124	PNPN	Piney Point	211	MGTY	Magothy
124	NNJM	Nanjemoy	217	PPSC	Patapsco

The Piney Point and Nanjemoy Formations act as a single hydraulic unit in southern Maryland and have been classified together as the Piney Point-Nanjemoy hydraulic unit (Weigle, Webb, and Gardner, 1970). However, the computer programs used to generate tables in this report are able to print only specific aquifer codes. Therefore, the codes Piney Point and Nanjemoy are used synonymously to mean the Piney Point-Nanjemoy hydraulic unit in these tables. The exceptions are tables 1 and 6, which distinguish between the two formations on a lithologic basis.

The water level indicates depth to water below land surface. Levels that were measured by the U.S. Geological Survey are denoted by an "S", reported values by an "R", and flowing wells by an "F." The use of water refers to the following codes:

C – Commercial	P – Public Supply
D – De-watering	R – Recreation
F – Fire	S – Stock
H – Domestic	T – Institution
I – Irrigation	U – Unused
N – Industrial	Z – Other

Type of lift (pump) refers to the following codes:

B – Bucket	S – Submersible
C – Centrifugal	T – Turbine
J – Jet	U – Unknown
P – Piston	Z – Other

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Weigle, J.M., Webb, W.E., and Gardner, R.A., 1970, Water resources of southern Maryland: U.S. Geological Survey Hydrologic Investigations Atlas HA-365, 3 sheets.

[1] The name of this agency was changed to the Maryland Geological Survey in June 1964.

TABLES TWO TO TEN
ARE CONTAINED IN THE
FOLLOWING SECTION OF THE REPORT

Table 2.—Selected well records from Calvert County, Md.

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA AA 1	CA-73-0508	PERUZZI BROTHERS	T DENNIS	1974	30	195	27	1.5
CA AB 1	CA-67-0099	LACOSTE, H L	COLUMBIA PUMP & WELL	1967	128	329	8	6.0
CA AB 2	CA-67-0121	SAMES, JAMES P	COLUMBIA PUMP & WELL	1967	60	248	11	6.0
CA AB 3	CA-68-0069	SHIELDS BROS	EAST COAST WELL & PUMP	1968	115	501	16	6.0
CA AB 4	CA-73-3382	BE-BUR INC	CALVERT WELL DRILLING	1979	90	255	10	2.0
CA AB 5	CA-73-0496	HAWKINS, GEORGE	BRANHAM CONTRACTORS	1974	105	320	7	2.0
CA AB 6	CA-73-1392	HOWLIN, EDWARD B	CALVERT WELL DRILLING	1976	120	300	10	2.0
CA BA 1	--	KAYLOR DIATOMITE PLANT	--	--	1	--	--	--
CA BA 2	--	WHITINGTON, VERNON	--	1929	43	9	--	--
CA BA 3	--	--	--	--	55	7	--	--
CA BA 4	CA-65-0120	DONOHUE, GENE C	W WARD	1965	110	385	78	2.5
CA BA 5	CA-67-0118	WILKENING, MARK	W WARD	1967	100	385	89	2.5
CA BA 6	CA-67-0013	WARD, KENNETH	W WARD	1966	100	317	15	4.0
CA BA 7	CA-73-0094	KAINE (SHORES OF CALVERT)	EAST COAST WELL & PUMP	1973	51	473	25	6.0
CA BA 8	CA-73-0095	KAINE (SHORES OF CALVERT)	EAST COAST WELL & PUMP	1973	51	473	21	6.0
CA BA 9	CA-73-3097	CORY, ROBERT L	W WARD	1979	120	306	5	2.0
CA BA 10	CA-73-0844	CLARK, BLAKE	T DENNIS	1975	110	300	30	2.0
CA BA 11	CA-73-0670	JONES, ROSALEE	W WARD	1974	120	365	40	4.0
CA BA 12	CA-73-2163	GULLICKSON, WM V	BRANHAM CONTRACTORS	1977	75	270	10	2.0
CA BA 13	CA-73-2645	SEALEY, MARTY	W WARD	1978	55	245	22	4.0
CA BA 14	CA-73-3604	LEE, WILLIAM	W WARD	1980	115	323	5	2.0
CA BB 1	--	LYONS, GORMAN	--	--	144	44	--	48.0
CA BB 2	--	HARRIS, PHIL	--	--	120	28	--	--
CA BB 3	--	--	--	--	85	23	--	--
CA BB 4	--	--	--	--	186	42	--	--
CA BB 5	--	HICKEY, H L	--	1929	160	17	--	--
CA BB 6	--	SMITH, G	--	--	140	25	--	--
CA BB 7	--	RICE, D	--	--	95	37	--	--
CA BB 8	--	MCKENNY, B	--	1939	185	39	--	--
CA BB 9	CA-00-5647	HICKS, EARL	W WARD	1950	117	285	2	2.
CA BB 10	CA-00-9048	MT HOPE COMMUNITY CENTER	LAYNE-ATLANTIC	1951	189	703	15	3.0
CA BB 11	--	MT HARMONY CHURCH	--	--	186	51	--	24.0
CA BB 12	--	LYONS, A G	--	--	160	28	--	--
CA BB 13	CA-03-7127	MT HARMONY ELEM SCHOOL	SHANNAHAN ART. WELL	1959	140	404	10	6.0
CA BB 14	CA-65-0051	KOPP,A W	W WARD	1965	85	346	24	2.5
CA BB 15	CA-65-0128	FOWLER, HERBERT	W WARD	1965	145	429	38	2.5
CA BB 16	CA-04-7010	ARNREICH, L	W WARD	1962	185	444	10	2.5
CA BB 17	CA-04-4762	MD NATIONAL BANK	W WARD	1961	85	389	10	--
CA BB 18	CA-05-7375	NORFOLK, CHARLES	W WARD	1964	185	322	15	2.5
CA BB 19	CA-05-5741	CAL CO COMMISSIONERS	SHANNAHAN ART. WELL	1964	120	412	20	3.0
CA BB 20	CA-05-3878	TURNER, FRANKLIN	W WARD	1963	120	335	15	2.5
CA BB 21	CA-03-7400	REID, ROBERT W (REGENCY MANOR)	W WARD	1959	140	360	10	--
CA BB 22	CA-03-6124	HAWKINS, MABLE	W WARD	1959	120	315	105	2.5
CA BB 23	CA-71-0013	KAINE (CAVALIER COUNTRY)	EAST COAST WELL & PUMP	1970	148	552	19	6.0
CA BB 24	CA-71-0012	KAINE (CAVALIER COUNTRY)	EAST COAST WELL & PUMP	1970	137	542	20	6.0
CA BB 25	CA-72-0091	NORTHERN HIGH SCHOOL	EAST COAST WELL & PUMP	1972	130	641	26	5.0
CA BB 26	CA-73-3129	CA CO COMMISSIONERS	EAST COAST WELL & PUMP	1979	140	531	15	3.0
CA BB 27	CA-73-3303	USGS- DUNKIRK	CALVERT WELL DRILLING	1979	140	320	10	2.0
CA BB 28	CA-73-3721	USGS- DUNKIRK	CALVERT WELL DRILLING	1980	140	170	10	2.0
CA BB 29	CA-73-1107	BRADY, HILEARY	W WARD	1975	125	303	16	4.0
CA BB 30	CA-73-0196	LAKEWOOD WATER CO	W WARD	1973	160	335	10	3.0
CA BB 31	CA-73-0794	WILDING, JOHN F	R ESTES	1974	140	336	11	3.0
CA BB 32	CA-73-0383	WALKER, JAMES	R LEATHERBURY	1978	130	380	20	2.0
CA BB 33	CA-73-2603	WOOD	W WARD	1978	115	342	10	3.0
CA BB 34	CA-73-2169	REFFIT, JOHN	CALVERT WELL DRILLING	1977	110	366	15	2.0
CA BB 35	CA-73-1335	BRIGHT ACRES REALTY	BRANHAM CONTRACTORS	1976	118	380	7	2.0
CA BB 36	CA-73-0443	BRIGHT ACRES TRAILER PARK	R WILLIAMS	1974	125	403	30	2.0
CA BB 37	CA-72-0006	HUNTINGTON	EAST COAST WELL & PUMP	1971	160	420	15	2.5
CA BB 38	CA-73-1299	INGRAM, JAMES	W WARD	1976	182	441	6	3.0
CA BB 39	CA-73-0123	BRIGHT ACRES REALTY	BRANHAM CONTRACTORS	1973	118	345	7	2.0
CA BC 1	--	KING, M	--	--	100	44	--	--
CA BC 2	--	EMERSON, CHARLES	--	1945	145	41	--	--
CA BC 3	--	CHESAPEAKE BEACH	--	--	8	--	--	8.0
CA BC 4	--	CHESAPEAKE BEACH	--	--	8	--	--	3.0
CA BC 5	--	CHESAPEAKE BEACH	--	--	8	--	--	6.0
CA BC 6	CA-00-3801	CATTERTON, IRVING	W WARD	1949	160	357	105	2.5
CA BC 7	CA-00-3302	BUCKMASTER, CHARLES	W WARD	1948	104	260	92	2.5
CA BC 8	CA-00-2877	EARLE, W J	LEATHERBURY	1948	55	230	--	2.0
CA BC 9	--	US NAVY	WASH. PUMP & WELL	1944	2	335	--	6.0
CA BC 10	--	MAYER, H & S	W WARD	--	28	--	--	2.0
CA BC 11	CA-00-4426	GREENWELL, A H	W WARD	1949	20	189	63	--
CA BC 12	CA-00-4365	COX, MRS JOSEPH	LEATHERBURY	1949	100	252	95	2.0
CA BC 13	CA-00-7646	NORFOLK, ROGER	W WARD	1951	132	294	105	2.5
CA BC 14	CA-00-7652	NORFOLK, ARCHIE	W WARD	1951	149	315	105	2.5
CA BC 15	CA-00-7647	LASALLE, MRS JOSEPH	W WARD	1951	6	210	105	1.5

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
125AQUI	19.00	R	04/23/1974	--	2.0	20	04/23/1974	--	H	S	CA AA 1
125AQUI	111.00	S	05/23/1967	--	--	--	--	--	H	S	CA AB 1
125AQUI	37.90	S	06/13/1967	--	--	--	--	--	C	S	CA AB 2
211MGTY	185.00	R	03/12/1968	15	8.0	20	03/12/1968	1.3	H	S	CA AB 3
125AQUI	77.00	R	10/03/1979	21	1.0	25	10/03/1979	1.2	H	S	CA AB 4
125AQUI	150.00	R	05/02/1974	50	4.0	15	05/02/1974	0.3	H	S	CA AB 5
125AQUI	90.00	R	06/24/1976	38	1.5	20	06/24/1976	0.5	H	S	CA AB 6
112PLSC	--	F	08/ /1948	--	--	--	--	--	U	--	CA BA 1
112PLSC	0.75	S	03/29/1949	--	--	--	--	--	H	B	CA BA 2
112PLSC	1.34	S	04/05/1949	--	--	--	--	--	U	B	CA BA 3
125AQUI	92.00	R	06/25/1965	10	6.0	25	06/25/1965	2.5	H	J	CA BA 4
125AQUI	90.00	R	06/05/1967	10	6.0	20	06/05/1967	2.0	H	J	CA BA 5
125AQUI	90.00	R	09/ /1966	9	6.0	20	09/ /1966	2.2	H	S	CA BA 6
211MGTY	42.00	R	08/06/1973	56	24.0	150	08/06/1973	2.7	P	S	CA BA 7
211MGTY	42.00	R	06/06/1973	154	24.0	300	06/06/1973	1.9	P	T	CA BA 8
125AQUI	110.00	R	03/01/1979	10	8.0	10	03/01/1979	1.0	H	S	CA BA 9
125AQUI	90.00	R	03/17/1975	--	3.0	15	03/17/1975	--	H	S	CA BA 10
125AQUI	108.64	S	04/12/1979	7	6.0	25	08/10/1974	3.6	H	S	CA BA 11
125AQUI	90.00	R	07/06/1977	110	2.0	15	07/06/1977	0.1	H	S	CA BA 12
125AQUI	46.40	S	04/12/1979	22	4.0	30	04/12/1978	1.4	H	S	CA BA 13
125AQUI	103.00	R	03/19/1980	32	4.0	18	03/19/1980	0.6	H	S	CA BA 14
112PLSC	27.87	S	01/13/1947	--	--	--	--	--	H	P	CA BB 1
112PLSC	22.10	S	03/29/1949	--	--	--	--	--	H	B	CA BB 2
112PLSC	10.70	S	03/29/1949	--	--	--	--	--	H	B	CA BB 3
112PLSC	34.70	S	03/29/1949	--	--	--	--	--	H	--	CA BB 4
112PLSC	12.67	S	03/31/1949	--	--	--	--	--	H	B	CA BB 5
112PLSC	21.20	S	04/05/1949	--	--	--	--	--	U	--	CA BB 6
112PLSC	9.75	S	04/05/1949	--	--	--	--	--	H	B	CA BB 7
112PLSC	31.45	S	04/05/1949	--	--	--	--	--	H	B	CA BB 8
125AQUI	120.00	R	05/20/1950	--	24.0	4	05/20/1950	--	H	P	CA BB 9
211CRCSU	167.00	R	12/04/1951	103	24.0	30	12/04/1951	0.3	T	S	CA BB 10
122CLVR	31.69	S	09/03/1957	--	--	--	--	--	T	J	CA BB 11
112PLSC	25.00	R	02/27/1958	--	--	3	--	--	H	P	CA BB 12
125AQUI	139.00	R	11/19/1959	36	4.0	61	11/19/1959	1.7	T	--	CA BB 13
125AQUI	72.00	R	01/04/1965	3	12.0	6	01/04/1965	2.0	H	J	CA BB 14
125AQUI	134.00	R	07/07/1965	11	6.0	20	07/07/1965	1.8	H	J	CA BB 15
125AQUI	153.00	R	07/07/1962	42	24.0	22	07/01/1962	0.5	P	S	CA BB 16
125AQUI	85.00	R	10/ /1961	10	24.0	10	10/ /1961	1.0	C	S	CA BB 17
124NNJM	97.00	R	05/ /1964	8	8.0	5	05/ /1964	0.6	H	J	CA BB 18
125AQUI	105.00	R	02/28/1964	65	8.0	23	02/28/1964	0.4	T	T	CA BB 19
125AQUI	85.00	R	09/ /1963	5	8.0	5	09/ /1963	1.0	H	J	CA BB 20
125AQUI	126.00	R	1959	--	24.0	7	1959	--	P	S	CA BB 21
125AQUI	96.00	R	09/ /1959	14	8.0	5	09/ /1959	0.4	H	J	CA BB 22
211MGTY	135.00	R	08/11/1970	10	12.0	150	08/11/1970	15.0	P	S	CA BB 23
211MGTY	120.00	R	08/20/1970	36	12.0	150	08/20/1970	4.2	P	S	CA BB 24
211MGTY	101.00	R	08/08/1972	21	8.0	150	08/08/1972	7.1	T	S	CA BB 25
211MGTY	120.00	R	06/03/1979	60	12.0	60	06/03/1979	1.0	T	S	CA BB 26
125AQUI	136.13	S	08/30/1979	21	--	12	--	0.6	U	--	CA BB 27
124NNJM	97.00	R	06/23/1980	21	1.0	2	06/23/1980	0.1	U	--	CA BB 28
124PNPN	119.57	S	08/14/1978	10	4.0	25	12/03/1975	2.5	H	S	CA BB 29
125AQUI	154.14	S	04/12/1979	32	4.0	60	06/28/1973	1.9	P	S	CA BB 30
125AQUI	139.91	S	04/12/1979	24	8.0	25	12/13/1974	1.0	H	S	CA BB 31
125AQUI	140.00	R	12/10/1978	5	3.0	23	12/10/1978	4.6	H	S	CA BB 32
125AQUI	107.85	S	05/21/1979	10	8.0	25	07/11/1978	2.5	H	S	CA BB 33
125AQUI	145.00	R	08/05/1977	34	2.0	13	08/05/1977	0.4	H	S	CA BB 34
125AQUI	115.00	R	05/05/1976	70	2.0	40	05/05/1976	0.6	H	S	CA BB 35
125AQUI	121.27	S	07/03/1979	71	6.0	30	04/18/1974	0.4	P	S	CA BB 36
125AQUI	144.34	S	04/19/1979	24	8.0	20	09/23/1971	0.8	H	S	CA BB 37
125AQUI	176.04	S	04/12/1979	10	8.0	24	05/17/1976	2.4	H	S	CA BB 38
125AQUI	92.00	R	02/16/1973	38	3.0	22	02/16/1973	0.6	H	S	CA BB 39
112PLSC	26.40	S	03/30/1949	--	--	--	--	--	H	B	CA BC 1
112PLSC	29.30	S	03/29/1949	--	--	--	--	--	H	B	CA BC 2
125AQUI	--		--	--	--	--	--	--	P	--	CA BC 3
125AQUI	--		--	--	--	--	--	--	U	--	CA BC 4
125AQUI	--		--	--	--	--	--	--	P	--	CA BC 5
125AQUI	92.00	R	04/08/1949	--	24.0	3	04/08/1949	--	H	P	CA BC 6
124NNJM	95.00	R	10/20/1948	5	24.0	3	10/20/1948	--	H	P	CA BC 7
124NNJM	36.00	R	10/05/1948	--	--	4	10/05/1948	--	H	P	CA BC 8
125AQUI	--	F	1950	--	--	--	--	--	P	T	CA BC 9
124NNJM	20.27	S	04/05/1951	--	--	2	04/05/1951	--	H	Z	CA BC 10
124NNJM	24.00	R	07/ /1949	--	--	3	07/ /1949	--	H	J	CA BC 11
124NNJM	103.00	R	07/29/1949	17	3.0	4	07/29/1949	0.2	H	P	CA BC 12
124NNJM	110.00	R	03/30/1951	5	8.0	3	03/30/1951	0.6	H	P	CA BC 13
124NNJM	115.00	R	04/05/1951	3	6.0	5	04/05/1951	1.7	H	P	CA BC 14
124NNJM	--	F	03/31/1951	--	8.0	10	03/31/1951	--	H	--	CA BC 15

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA BC 16	--	--	W WARD	1949	46	--	--	3.0
CA BC 17	--	--	--	--	4	147	--	3.0
CA BC 18	CA-66-0084	WARDS CHURCH	W WARD	1966	125	343	127	2.5
CA BC 19	CA-65-0061	CHES BEACH MARINA	W WARD	1965	3	232	10	6.0
CA BC 20	CA-65-0060	KELLAMS MARINA	W WARD	1964	5	202	97	2.5
CA BC 21	CA-65-0075	HARRIS, FRANKLIN	G H PHIPPS	1965	60	275	--	2.0
CA BC 22	CA-65-0081	GORIWITZ, REBECCA	W WARD	1965	25	200	95	2.0
CA BC 23	CA-65-0107	FREENY, LEO	W WARD	1965	35	205	98	2.0
CA BC 24	CA-65-0109	KROPKE, EDWARD	G H PHIPPS	1965	10	300	--	2.0
CA BC 25	CA-67-0011	CHESAPEAKE BEACH PARK	COLUMBIA PUMP & WELL	1966	20	365	32	8.0
CA BC 26	CA-65-0039	EWALD, JOHN C (LAUNDROMAT)	W WARD	1964	26	363	10	4.0
CA BC 27	CA-65-0040	MACWILLIAMS, W	W WARD	1964	2	222	112	2.0
CA BC 28	CA-65-0119	MACWILLIAMS, W	LEATHERBURY	1965	2	210	147	3.9
CA BC 29	--	MACWILLIAMS, W	--	1930	2	300	--	1.5
CA BC 30	CA-67-0087	KELLAM, LYNWOOD	W WARD	1967	2	206	99	2.5
CA BC 31	CA-72-0064	CHESAPEAKE BEACH	DELMARVA DRILLING	1971	20	373	30	8.0
CA BC 32	CA-73-0474	PARIS OAKS	R WILLIAMS	1974	130	413	25	4.0
CA BC 33	CA-04-7387	CHESAPEAKE BEACH PARK	W WARD	1962	10	322	10	--
CA BC 34	CA-65-0061	CHESAPEAKE BEACH PARK	W WARD	1965	5	232	10	--
CA BC 35	CA-73-3168	ARRAN CORP	CALVERT WELL DRILLING	1979	110	501	40	4.0
CA BC 36	CA-73-2665	BE-BUR INC	CALVERT WELL DRILLING	1978	150	430	10	2.0
CA BC 37	CA-73-0773	TERRY, PAUL	CZ ENTERPRISES	1974	160	464	6	2.0
CA BC 38	CA-73-1232	SMITH, WALTER	W WARD	1976	15	205	96	4.0
CA BC 39	CA-73-0272	JOHNSON, EDWARD	W WARD	1973	105	326	133	4.0
CA BC 40	CA-73-1243	EELLS, RICHARD	CALVERT WELL DRILLING	1976	80	240	10	2.0
CA BC 41	CA-73-2592	AMERICAN LEGION	W WARD	1978	100	424	10	3.0
CA BC 42	CA-73-1349	NORTH BEACH VFD	W WARD	1976	10	316	10	3.0
CA CA 1	--	--	--	--	35	23	--	--
CA CA 2	CA-00-4950	YMCA (KINGS LANDING)	SHANNAHAN ART. WELL	1949	23	468	134	6.0
CA CA 3	CA-65-0121	BOWEN, DONALD V	W WARD	1965	35	329	119	2.5
CA CA 4	CA-65-0105	KEENAN, LOIS	W WARD	1965	100	330	103	2.5
CA CA 5	CA-65-0104	HANCE, RODNEY	W WARD	1965	100	336	111	2.5
CA CA 6	CA-65-0103	POSEY, WALTER W	W WARD	1965	55	313	98	2.5
CA CA 7	CA-04-1106	CLIFT, LEONARD J	W WARD	1960	15	362	15	2.0
CA CA 8	CA-66-0095	YMCA (KINGS LANDING)	W WARD	1966	30	445	20	4.0
CA CA 9	CA-73-1501	STEWART, LAWRENCE	W WARD	1976	40	285	89	4.0
CA CA 10	CA-73-2546	BAY MILLS CONSTR CO	BRANHAM CONTRACTORS	1978	25	130	7	2.0
CA CA 11	CA-70-0119	YMCA (KINGS LANDING)	W WARD	1970	20	326	116	3.0
CA CA 12	CA-73-2457	YMCA (KINGS LANDING)	W WARD	1977	45	386	10	3.0
CA CA 14	CA-73-1199	GREEN, ROBERT E	W WARD	1976	22	375	13	--
CA CB 1	--	SMITH, R	--	1937	90	37	--	--
CA CB 2	--	LACEY, M	--	--	140	51	--	--
CA CB 3	--	COX, ED	--	1944	45	26	--	--
CA CB 4	--	ARMIGER, J	--	1944	150	31	--	--
CA CB 5	--	TROTT, ROLAND H	--	1922	180	44	--	--
CA CB 6	--	TROTT, J	--	--	135	35	--	--
CA CB 7	--	JONES, W E	--	1945	20	28	--	--
CA CB 8	CA-00-3620	ALLEN, JOSEPH F	LEATHERBURY	1949	98	290	--	2.0
CA CB 9	--	GARNER, B A	W WARD	1940	15	235	--	2.0
CA CB 10	--	STATE HIGHWAY ADMIN	--	--	170	52	--	--
CA CB 11	CA-02-7626	STATE HIGHWAY ADMIN	SHANNAHAN ART. WELL	1957	170	494	20	2.0
CA CB 12	CA-03-6173	WEEMS, G J	SHANNAHAN ART. WELL	1959	160	517	20	2.0
CA CB 13	CA-66-0079	DENTON, LESTER W	W WARD	1966	135	338	124	2.5
CA CB 14	CA-04-1793	WALTON, EUGENE	W WARD	1961	90	298	66	2.5
CA CB 15	CA-05-4680	CLULY, ANDREW	LEATHERBURY	1963	165	316	84	2.0
CA CB 16	CA-04-5293	MOORE, EDWARD	J B LYONS	1961	120	357	189	2.0
CA CB 17	CA-03-0005	ALL SAINTS CHURCH	LEATHERBURY	1958	165	250	40	1.2
CA CB 18	--	ALL SAINTS PARISH HOUSE	W WARD	1962	130	350	--	1.2
CA CB 19	CA-67-0115	CALVERTON SCHOOL	W WARD	1967	45	294	42	2.5
CA CB 20	CA-67-0038	WILLOUGHBY, SAM	LEATHERBURY	1964	130	294	42	2.0
CA CB 21	CA-67-0049	WEBBER, DONALD R	W WARD	1967	110	365	10	4.0
CA CB 22	CA-73-0156	JETT, PAGE C	EAST COAST WELL & PUMP	1973	120	472	10	3.0
CA CB 23	CA-03-4328	BRADY, HILEARY (HUNTING HILLS)	W WARD	1959	100	365	18	4.0
CA CB 24	CA-73-0589	HOLLINS, CHARLES A	R WILLIAMS	1974	125	389	15	2.0
CA CB 25	CA-73-1103	KING, KENNETH	CALVERT WELL DRILLING	1975	105	264	12	2.0
CA CB 26	CA-73-0673	ALLEN, TED	R ESTES	1974	120	415	10	2.0
CA CB 27	CA-73-2312	ZEITZ	W WARD	1977	80	325	129	4.0
CA CB 28	CA-73-1499	ALL SAINTS CHURCH	W WARD	1976	165	345	133	4.0
CA CB 29	CA-73-1125	PLUMMER, WAYNE	BRANHAM CONTRACTORS	1975	164	500	7	2.0
CA CB 30	CA-73-1727	STOKES, FENTON	T DENNIS	1977	160	330	120	4.0
CA CB 31	CA-73-3257	KIDDIE CORRAL	W WARD	1979	150	360	133	4.0
CA CB 32	CA-73-1509	GALLOWAY, THOMAS J	FRANKS WELL DRILLING	1976	95	420	10	2.0
CA CB 33	CA-73-0420	FINK, JOHN C	R WILLIAMS	1974	160	450	5	2.0
CA CB 34	CA-73-2735	CAMPOS, MAX	CALVERT WELL DRILLING	1978	85	470	20	2.0
CA CB 35	CA-73-0548	HUNTINGTOWN VFD	W WARD	1974	160	524	10	3.0

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	31.48	S	04/05/1951	--	--	3	04/05/1951	--	--	P	CA BC 16
124NNJM	2.78+	S	04/10/1951	--	--	--	--	--	U	--	CA BC 17
124NNJM	115.00	R	03/01/1966	10	4.0	15	03/01/1966	1.5	T	J	CA BC 18
124NNJM	3.00	R	04/07/1965	8	8.0	20	04/07/1965	2.5	C	S	CA BC 19
124NNJM	3.00	R	11/11/1964	8	4.0	20	11/11/1964	2.5	C	J	CA BC 20
124NNJM	42.00	R	12/15/1965	8	3.0	5	12/15/1965	0.6	H	P	CA BC 21
124NNJM	22.00	R	02/17/1965	--	6.0	4	02/17/1965	--	H	J	CA BC 22
124NNJM	28.00	R	04/26/1965	5	8.0	6	04/26/1965	1.2	H	J	CA BC 23
124NNJM	12.00	R	04/25/1965	8	3.0	5	04/25/1965	0.6	H	J	CA BC 24
125AQUI	10.00	R	07/23/1966	290	8.0	220	07/23/1966	0.8	C	S	CA BC 25
125AQUI	1.00	R	09/11/1964	31	8.0	40	09/11/1964	1.3	C	S	CA BC 26
124NNJM	12.00	R	09/04/1964	6	8.0	10	09/04/1964	1.7	C	J	CA BC 27
124NNJM	0.00	R	05/20/1965	15	4.0	35	05/20/1965	2.3	C	T	CA BC 28
125AQUI	--	F	05/01/1967	--	--	1	05/01/1967	--	U	--	CA BC 29
124NNJM	3.00	R	04/16/1967	20	4.0	25	04/16/1967	1.2	C	U	CA BC 30
125AQUI	11.00	R	12/10/1971	104	6.0	105	12/10/1971	1.0	P	T	CA BC 31
125AQUI	135.00	R	05/03/1974	116	6.0	60	05/03/1974	0.5	P	--	CA BC 32
125AQUI	2.00	R	05/ /1962	20	24.0	50	05/ /1962	2.5	C	S	CA BC 33
124PNPN	3.00	R	04/07/1965	8	8.0	20	04/07/1965	2.5	C	S	CA BC 34
211MGTY	121.00	R	07/04/1979	87	24.0	100	07/04/1979	1.1	Z	--	CA BC 35
125AQUI	161.00	R	07/06/1978	35	1.0	25	07/06/1978	0.7	H	S	CA BC 36
125AQUI	152.20	S	08/14/1978	50	3.0	5	12/13/1974	0.1	H	S	CA BC 37
124PNPN	31.34	S	05/06/1980	20	4.0	35	01/28/1976	1.8	H	S	CA BC 38
124PNPN	80.39	S	04/18/1979	6	6.0	20	08/16/1973	3.3	H	S	CA BC 39
124PNPN	75.00	R	04/16/1976	24	1.0	10	04/16/1976	0.4	H	S	CA BC 40
125AQUI	90.00	R	06/30/1978	10	8.0	100	06/30/1978	10.0	T	S	CA BC 41
125AQUI	6.00	R	06/23/1976	10	30.0	28	06/23/1976	2.8	F	S	CA BC 42
112PLSC	15.54	S	03/31/1949	--	--	--	--	--	H	B	CA CA 1
125AQUI	4.00+	R	11/08/1949	27	--	53	11/08/1949	2.0	T	T	CA CA 2
125AQUI	30.00	R	05/18/1965	9	6.0	15	05/18/1965	1.7	H	J	CA CA 3
124NNJM	85.00	R	04/22/1965	10	4.0	20	04/22/1965	2.0	H	--	CA CA 4
124NNJM	98.00	R	04/27/1965	--	6.0	20	04/27/1965	--	H	J	CA CA 5
124NNJM	30.00	R	04/20/1965	5	4.0	20	04/20/1965	4.0	H	J	CA CA 6
125AQUI	3.00	R	12/ /1960	8	8.0	6	12/ /1960	0.8	H	J	CA CA 7
125AQUI	8.00	R	07/21/1966	10	8.0	75	07/21/1966	7.5	T	S	CA CA 8
125AQUI	18.00	R	10/04/1976	11	8.0	22	10/04/1976	2.0	H	S	CA CA 9
124PNPN	50.00	R	03/23/1978	10	2.0	8	03/23/1978	0.8	H	S	CA CA 10
124NNJM	24.65	S	08/15/1979	10	4.0	22	08/05/1970	2.2	T	S	CA CA 11
125AQUI	49.46	S	04/06/1979	14	8.0	50	12/21/1977	3.6	T	S	CA CA 12
125AQUI	30.00	R	01/20/1976	10	4.0	60	01/20/1976	6.0	H	S	CA CA 14
112PLSC	14.68	S	03/31/1949	--	--	--	--	--	H	B	CA CB 1
112PLSC	26.90	S	03/31/1949	--	--	--	--	--	H	B	CA CB 2
112PLSC	21.05	S	04/06/1949	--	--	--	--	--	H	B	CA CB 3
112PLSC	18.87	S	04/06/1949	--	--	--	--	--	H	--	CA CB 4
112PLSC	36.70	S	04/06/1949	--	--	--	--	--	H	B	CA CB 5
112PLSC	21.12	S	04/06/1949	--	--	--	--	--	H	B	CA CB 6
112PLSC	11.98	S	04/06/1949	--	--	--	--	--	H	B	CA CB 7
124NNJM	60.00	R	03/02/1949	--	14.0	4	03/02/1949	--	H	P	CA CB 8
124NNJM	14.20+	S	04/11/1951	--	--	16	1947	--	H	Z	CA CB 9
112PLSC	31.10	S	02/27/1958	--	--	--	--	--	U	--	CA CB 10
125AQUI	155.00	R	07/16/1957	75	4.0	20	07/16/1957	0.3	H	S	CA CB 11
125AQUI	143.00	R	10/17/1959	56	4.0	10	10/17/1959	0.2	H	S	CA CB 12
124NNJM	113.00	R	03/11/1966	7	6.0	16	03/11/1966	2.3	H	--	CA CB 13
124NNJM	69.00	R	1961	--	8.0	7	1961	--	C	J	CA CB 14
124NNJM	132.00	R	11/08/1963	10	12.0	4	11/08/1963	0.4	H	P	CA CB 15
124NNJM	--		--	--	8.0	5	12/15/1961	--	H	J	CA CB 16
124NNJM	126.00	R	03/14/1958	14	8.0	4	03/14/1958	0.3	T	J	CA CB 17
124NNJM	110.00	R	09/ /1962	--	--	15	--	--	T	J	CA CB 18
124PNPN	25.00	R	08/15/1967	15	4.0	20	08/15/1967	1.3	T	J	CA CB 19
124NNJM	105.00	R	02/13/1964	25	6.0	18	02/13/1964	0.7	H	J	CA CB 20
124NNJM	81.00	R	01/19/1967	10	24.0	20	01/19/1967	2.0	H	S	CA CB 21
125AQUI	115.00	R	04/18/1973	52	16.0	30	04/18/1973	0.6	H	S	CA CB 22
125AQUI	85.00	R	1959	45	24.0	22	1959	0.5	P	S	CA CB 23
125AQUI	94.09	S	04/06/1979	97	5.0	13	07/03/1974	0.1	H	S	CA CB 24
124PNPN	107.60	S	08/14/1978	47	2.0	8	10/20/1975	0.2	H	S	CA CB 25
125AQUI	111.98	S	04/06/1979	19	6.0	36	08/30/1974	1.9	H	S	CA CB 26
124PNPN	55.00	R	10/25/1977	10	8.0	25	10/25/1977	2.5	H	S	CA CB 27
124PNPN	121.00	S	08/14/1978	20	6.0	30	08/03/1976	1.5	T	S	CA CB 28
125AQUI	164.65	S	04/19/1979	40	2.0	12	11/28/1975	0.3	H	S	CA CB 29
124PNPN	118.50	S	05/05/1980	--	4.0	15	03/06/1977	--	H	S	CA CB 30
124PNPN	113.75	S	05/09/1980	8	8.0	25	07/10/1979	3.1	T	S	CA CB 31
125AQUI	94.58	S	10/19/1978	10	3.0	35	08/19/1976	3.5	H	S	CA CB 32
125AQUI	88.80	S	10/19/1978	28	4.0	10	02/14/1974	0.4	H	S	CA CB 33
125AQUI	85.13	S	04/05/1979	46	1.0	70	06/28/1978	1.5	H	S	CA CB 34
125AQUI	159.80	S	05/03/1979	11	6.0	50	08/09/1974	4.5	F	S	CA CB 35

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA CB 36	CA-73-0436	COX, RUSSELL	T DENNIS	1974	100	260	30	1.5
CA CB 37	CA-73-1211	CALVERT BOWLING CENTER	CALVERT WELL DRILLING	1976	23	385	20	2.0
CA CB 38	CA-71-0032	HUNTINGTOWN ELEM SCHOOL	EAST COAST WELL & PUMP	1970	105	493	30	2.0
CA CC 1	CA-00-2056	DAY, WILLIAM E	LEATHERBURY	1947	8	211	--	2.0
CA CC 2	CA-00-2057	DAY, WILLIAM E	LEATHERBURY	1947	8	211	--	2.0
CA CC 3	CA-00-2301	DRESSER, WALTER	LEATHERBURY	1948	20	231	--	2.0
CA CC 4	CA-00-2330	DRESSER, WALTER	LEATHERBURY	1948	20	231	--	2.0
CA CC 5	CA-00-2454	TROSELL, B	LEATHERBURY	1948	8	210	--	2.0
CA CC 6	CA-00-2455	SELLER, A	LEATHERBURY	1948	8	210	--	2.0
CA CC 7	--	WILLOW BEACH DEVELOPMENT	--		5	--	--	--
CA CC 8	CA-00-2671	ANSELMO, MICHAEL	LEATHERBURY	1948	7	210	--	2.0
CA CC 9	--	--	--	--	152	33	--	--
CA CC 10	--	JENKINS, L	--	--	140	30	--	--
CA CC 11	--	IRELAND	--	--	135	25	--	--
CA CC 12	--	--	--	--	140	30	--	--
CA CC 13	--	--	--	--	110	32	--	--
CA CC 14	--	CARPENTER	--	--	130	60	--	--
CA CC 15	--	BROWN, H	--	--	125	48	--	--
CA CC 16	--	HARLAN, JOHN	--	1944	130	16	--	--
CA CC 17	--	US NAVY- RANDLE CLIFF	--	1948	112	472	--	6.0
CA CC 18	--	US NAVY- RANDLE CLIFF	COLUMBIA PUMP & WELL		111	476	14	4.0
CA CC 19	--	US NAVY- RANDLE CLIFF	WASH. PUMP & WELL	1941	98	462	14	6.0
CA CC 20	--	US NAVY- RANDLE CLIFF	COLUMBIA PUMP & WELL	1944	96	500	14	4.0
CA CC 21	--	BOY SCOUTS OF AMERICA	W WARD	1929	5	260	--	2.5
CA CC 22	--	BOY SCOUTS OF AMERICA	--	1937	8	260	--	2.5
CA CC 23	--	JETT, PAGE C	W WARD	1950	106	356	--	2.0
CA CC 24	CA-00-2835	CORBETT, JOHN	LEATHERBURY	1948	29	231	--	2.0
CA CC 25	CA-00-3303	ABNER	W WARD	1948	88	268	100	2.5
CA CC 26	CA-00-3628	CHARLES M CASSIDY CO	LEATHERBURY	1949	8	210	--	2.0
CA CC 27	CA-00-3627	CHARLES M CASSIDY CO	LEATHERBURY	1949	8	210	--	2.0
CA CC 28	CA-00-4178	CRANSTON, J	W WARD	1949	47	273	116	2.5
CA CC 29	--	BARR	W WARD	1947	105	340	--	2.5
CA CC 30	CA-00-4177	YOUNG, FRANK F	W WARD	1949	60	280	112	2.5
CA CC 31	CA-00-2522	BUEHLER, FRANK	LEATHERBURY	1948	20	231	--	2.0
CA CC 32	CA-00-3902	BAKER, A D	W WARD	1949	35	250	110	2.0
CA CC 33	--	KIRKPATRICK, E L	--	1950	25	--	--	2.0
CA CC 34	--	ENGLAND, J W	W WARD	1948	180	300	--	2.0
CA CC 35	--	CHAVEZ, F A	W WARD	1948	160	300	--	--
CA CC 36	CA-00-5935	REED, EDWARD	W WARD	1950	100	280	90	2.5
CA CC 37	CA-00-7008	EVANS, OTIS L	W WARD	1950	120	330	78	2.5
CA CC 38	--	DAY, WILLIAM	--		6	--	--	--
CA CC 39	CA-01-2070	US NAVY- RANDLE CLIFF	COLUMBIA PUMP & WELL	1953	134	514	20	8.0
CA CC 40	CA-01-2070	US NAVY- RANDLE CLIFF	COLUMBIA PUMP & WELL	1953	98	524	24	8.0
CA CC 41	CA-01-2070	US NAVY- RANDLE CLIFF	COLUMBIA PUMP & WELL	1953	85	540	20	8.0
CA CC 42	CA-04-5353	HUNT, JACK	SHANNAHAN ART. WELL	1961	145	578	15	3.0
CA CC 43	CA-65-0095	JONES, JACK	W WARD	1965	135	343	131	2.5
CA CC 44	CA-65-0066	LEHMAN, M W	W WARD	1964	70	298	127	2.5
CA CC 45	CA-65-0116	GROSS, ANDREW	LEATHERBURY	1965	130	176	20	1.2
CA CC 46	CA-04-5294	HENDERSON, J C	J B LYONS	1961	125	365	197	2.0
CA CC 47	CA-05-1125	DAMALOUJI, ISSAM	W WARD	1963	130	362	--	--
CA CC 48	CA-02-8288	PLUM POINT SCHOOL	L RUDE & SON	1957	130	366	100	2.5
CA CC 49	CA-02-8289	RANDLE CLIFF SCHOOL	L RUDE & SON	1957	160	378	100	2.5
CA CC 50	CA-66-0043	HALL, JOHN E	SHANNAHAN ART. WELL	1965	70	475	15	2.0
CA CC 51	CA-65-0094	BOWEN, OSCAR	W WARD	1965	120	326	122	2.5
CA CC 52	--	ANDERSON	W WARD	1945	5	185	--	1.2
CA CC 53	CA-00-7792	MADORIE, LELAND	W WARD	1951	85	315	150	2.5
CA CC 54	CA-67-0107	IRELAND, THOMAS	W WARD	1967	41	265	8	2.5
CA CC 55	--	US NAVY- RANDLE CLIFF	DELMARVA DRILLING	1974	97	868	10	4.0
CA CC 56	--	US NAVY- RANDLE CLIFF	DELMARVA DRILLING	1974	97	724	20	4.0
CA CC 57	CA-73-2893	USGS- PARRAN	SHANNAHAN ART. WELL	1978	135	521	10	2.0
CA CC 58	CA-73-2608	MOORE	BRANHAM CONTRACTORS	1978	120	447	7	2.0
CA CC 59	CA-73-2578	KENNEDY, DEAN	CALVERT WELL DRILLING	1978	165	345	10	2.0
CA CC 60	CA-73-2646	HI-LINE HOMES	CALVERT WELL DRILLING	1978	100	310	10	2.0
CA CC 61	CA-73-0629	TURNER, ROBERT	BRANHAM CONTRACTORS	1974	110	490	10	2.0
CA CC 62	CA-73-1459	PHELPS, THOMAS	CALVERT WELL DRILLING	1976	130	268	15	2.0
CA CC 63	CA-73-1122	SHELTON, JOSEPH	CALVERT WELL DRILLING	1975	120	265	10	2.0
CA CC 64	CA-73-0353	ECCARD, DONALD J	T DENNIS	1973	17	240	114	3.0
CA CC 65	CA-73-1096	HOWLIN, EDWARD	T DENNIS	--	120	--	--	--
CA CC 66	CA-73-3655	JONES, WESLEY	CALVERT WELL DRILLING	1980	135	305	15	2.0
CA CC 67	CA-73-3849	MULLER, KEN	BRANHAM CONTRACTORS	1980	140	265	45	2.0
CA CC 68	CA-73-3325	PAPE, D P	BRANHAM CONTRACTORS	1979	160	300	10	2.0
CA CC 69	CA-73-3557	KRAMER, JOHN	W WARD	1980	150	340	124	4.0
CA DA 1	--	CARROLL	--	--	3	365	--	--
CA DA 2	CA-04-6986	SHEHAN, PHILIP G	SHANNAHAN ART. WELL	1962	20	443	10	1.5
CA DA 3	CA-66-0091	KUNKLE, K R	W WARD	1966	30	180	30	2.5

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124PNPN	59.00	R	04/05/1974	--	2.0	20	04/05/1974	--	H	S	CA CB 36
125AQUI	26.23	S	1979	40	4.0	35	04/14/1976	0.9	C	S	CA CB 37
125AQUI	165.32	S	08/15/1979	77	8.0	45	11/19/1970	0.6	T	T	CA CB 38
124NNJM	1.00+	R	11/06/1947	9	6.0	8	11/06/1947	0.9	H	Z	CA CC 1
124NNJM	1.00+	R	11/08/1947	9	6.0	8	11/08/1947	0.9	H	Z	CA CC 2
124NNJM	20.00	R	04/21/1948	7	8.0	5	04/21/1948	0.7	H	Z	CA CC 3
124NNJM	21.00	R	04/19/1948	7	6.0	5	04/19/1948	0.7	H	Z	CA CC 4
124NNJM	1.00	R	04/14/1948	13	6.0	10	04/14/1948	0.8	H	Z	CA CC 5
124NNJM	0.00	R	04/08/1948	12	6.0	10	04/08/1948	0.8	H	Z	CA CC 6
124NNJM	4.89+	S	04/17/1951	--	--	4	05/ /1951	--	U	--	CA CC 7
124NNJM	--	F	05/24/1948	--	4.0	10	05/24/1948	--	H	U	CA CC 8
112PLSC	27.60	S	04/05/1949	--	--	--	--	--	U	--	CA CC 9
112PLSC	24.26	S	04/05/1949	--	--	--	--	--	H	U	CA CC 10
112PLSC	17.62	S	04/06/1949	--	--	--	--	--	H	B	CA CC 11
112PLSC	13.38	S	04/06/1949	--	--	--	--	--	H	B	CA CC 12
112PLSC	16.19	S	04/07/1949	--	--	--	--	--	H	B	CA CC 13
112PLSC	18.90	S	03/30/1949	--	--	--	--	--	H	U	CA CC 14
112PLSC	19.45	S	03/30/1949	--	--	--	--	--	H	U	CA CC 15
112PLSC	9.56	S	03/30/1949	--	--	--	--	--	H	B	CA CC 16
125AQUI	--		--	--	--	25	07/ /1950	--	P	T	CA CC 17
125AQUI	106.15	S	09/15/1958	--	--	25	--	--	U	--	CA CC 18
125AQUI	98.00	R	06/ /1944	62	--	40	06/ /1944	0.6	P	T	CA CC 19
125AQUI	98.00	R	1944	22	--	25	1950	--	P	T	CA CC 20
124NNJM	7.70+	S	04/10/1951	--	--	--	--	--	T	Z	CA CC 21
124NNJM	--		--	--	--	--	--	--	T	U	CA CC 22
124NNJM	74.00	R	10/ /1950	--	--	--	--	--	H	P	CA CC 23
124NNJM	18.00	R	06/23/1948	9	6.0	8	06/23/1948	0.9	H	U	CA CC 24
124NNJM	86.00	R	10/23/1948	10	12.0	3	10/23/1948	0.4	H	P	CA CC 25
124NNJM	1.00	R	02/16/1949	11	4.0	10	02/16/1949	0.9	H	Z	CA CC 26
124NNJM	1.00	R	02/18/1949	11	4.0	10	02/18/1949	0.9	H	Z	CA CC 27
124NNJM	32.46	S	06/20/1949	--	--	3	07/ /1949	--	C	P	CA CC 28
124NNJM	--		--	--	--	--	--	--	H	--	CA CC 29
124NNJM	65.00	R	1949	--	5.0	3	1949	--	H	P	CA CC 30
124NNJM	20.00	R	04/26/1948	8	8.0	5	04/26/1948	0.6	H	--	CA CC 31
124NNJM	45.00	R	04/25/1949	--	2.0	2	04/25/1949	--	H	Z	CA CC 32
124NNJM	17.46	S	04/17/1951	--	--	2	--	--	H	Z	CA CC 33
124NNJM	--		--	--	--	--	--	--	H	P	CA CC 34
124NNJM	--		--	--	--	--	--	--	H	P	CA CC 35
124NNJM	80.00	R	07/20/1950	--	24.0	3	07/20/1950	--	H	P	CA CC 36
124NNJM	105.00	R	11/ /1950	--	12.0	3	11/ /1950	--	H	--	CA CC 37
124NNJM	--		--	--	--	--	--	--	U	Z	CA CC 38
125AQUI	95.00	R	08/07/1953	155	12.0	110	08/07/1953	0.7	P	T	CA CC 39
125AQUI	110.00	R	05/25/1953	190	12.0	192	05/25/1953	1.0	P	T	CA CC 40
125AQUI	110.00	R	09/18/1953	140	12.0	150	09/18/1953	1.1	P	T	CA CC 41
125AQUI	138.00	R	11/27/1961	37	4.0	30	11/27/1961	0.8	Z	--	CA CC 42
124NNJM	126.00	R	03/12/1965	3	8.0	5	03/12/1965	1.7	H	J	CA CC 43
124NNJM	95.00	R	11/13/1964	--	6.0	20	11/13/1964	--	H	--	CA CC 44
122CLVR	126.00	R	05/12/1965	5	3.0	5	05/12/1965	1.0	H	P	CA CC 45
124NNJM	105.00	R	12/07/1961	--	8.0	5	12/07/1961	--	H	J	CA CC 46
124NNJM	115.00	R	08/ /1963	5	8.0	6	08/ /1963	1.2	H	J	CA CC 47
124NNJM	100.00	R	1957	--	8.0	15	1957	--	T	J	CA CC 48
124NNJM	150.00	R	1957	--	8.0	10	1957	--	T	J	CA CC 49
125AQUI	84.00	R	12/15/1965	27	4.0	12	12/15/1965	0.4	H	S	CA CC 50
124NNJM	100.00	R	03/16/1965	5	8.0	5	03/16/1965	1.0	H	J	CA CC 51
124NNJM		F	05/ /1967	--	--	12	05/ /1967	--	P	--	CA CC 52
124NNJM	85.00	R	05/20/1951	--	5.0	5	05/20/1951	--	H	P	CA CC 53
124NNJM	33.10	S	05/24/1967	--	4.0	20	05/17/1967	--	H	J	CA CC 54
217PPSC	84.00	R	01/28/1974	112	--	130	01/28/1974	1.2	U	--	CA CC 55
211MGTY	83.00	R	02/14/1974	59	--	212	02/14/1974	3.6	U	--	CA CC 56
125AQUI	144.00	R	10/04/1978	26	4.0	10	10/04/1978	0.4	U	--	CA CC 57
125AQUI	120.73	S	05/03/1979	140	2.0	20	03/24/1978	0.1	H	S	CA CC 58
124PNPN	134.15	S	08/14/1978	13	1.0	45	03/02/1978	3.5	H	S	CA CC 59
124PNPN	115.00	R	04/18/1978	25	1.0	25	04/18/1978	1.0	H	S	CA CC 60
125AQUI	116.40	S	08/14/1978	35	3.0	15	11/11/1974	0.4	H	S	CA CC 61
124PNPN	101.00	R	09/14/1976	30	1.0	14	09/14/1976	0.5	H	S	CA CC 62
124PNPN	101.00	R	11/21/1975	39	1.5	20	11/21/1975	0.5	H	S	CA CC 63
124PNPN	11.08	S	05/09/1980	--	3.0	25	12/20/1973	--	H	S	CA CC 64
--	--		--	--	--	--	--	--	H	--	CA CC 65
124PNPN	125.00	R	06/17/1980	23	1.0	30	06/17/1980	1.3	H	S	CA CC 66
124PNPN	90.00	R	09/30/1980	60	4.0	15	09/30/1980	0.3	H	S	CA CC 67
124PNPN	150.00	R	08/08/1979	120	2.0	20	08/08/1979	0.2	H	S	CA CC 68
124PNPN	115.00	R	01/16/1980	10	8.0	22	01/16/1980	2.2	H	S	CA CC 69
125AQUI	--	F	10/12/1950	--	--	--	--	--	U	--	CA DA 1
125AQUI	3.50	R	05/09/1962	26	3.0	42	05/09/1962	1.6	H	--	CA DA 2
124NNJM	21.00	R	05/30/1966	10	4.0	12	05/30/1966	1.2	H	Z	CA DA 3

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA DB 1	--	BUCHMEISTER, RALPH E	--	1924	138	35	--	--
CA DB 2	--	FRISCO, VICTOR	L RUDE & SON	1939	19	365	--	--
CA DB 3	CA-00-2602	VERTZ, V P	L RUDE & SON	1948	19	420	10	2.5
CA DB 4	--	CEDAR HILL SCHOOL	--	--	80	30	--	--
CA DB 5	--	CALVERT COUNTY COURTHOUSE	WASH. PUMP & WELL	1944	147	552	--	8.0
CA DB 6	--	DENTON, G	--	--	158	23	--	--
CA DB 7	--	FREELAND, WILTON	--	1935	165	34	--	--
CA DB 8	--	BOWENS, LEROY JR	--	1948	140	29	--	--
CA DB 9	--	--	--	--	25	15	--	--
CA DB 10	--	RICE, S	--	1944	40	14	--	--
CA DB 11	CA-00-3139	ROBERTS, L R	L RUDE & SON	1948	16	390	8	2.5
CA DB 12	CA-00-4132	FRISCO	W WARD	1949	15	351	--	2.5
CA DB 13	--	BOWEN, JAMES	--	1948	145	50	--	--
CA DB 14	--	PARRAN, MRS FRANK	--	--	3	350	--	--
CA DB 15	--	CALVERT MEMORIAL HOSPITAL	--	--	150	400	--	--
CA DB 16	--	BOYD, R LEE	--	1910	19	385	--	2.0
CA DB 17	--	DENT	--	--	5	350	--	3.0
CA DB 18	CA-00-7322	MARYLAND NATIONAL GUARD	LAYNE-ATLANTIC	1951	141	515	10	2.0
CA DB 19	CA-00-8769	STATE HIGHWAY ADMIN	L RUDE & SON	1951	20	390	24	1.5
CA DB 20	CA-00-6840	EVANS, O R	LEATHERBURY	1950	2	335	33	2.0
CA DB 21	CA-00-9750	CALVERT MEMORIAL HOSPITAL	WASH. PUMP & WELL	1952	130	540	14	6.0
CA DB 22	CA-65-0065	MONNETT, ROBERT	W WARD	1964	130	347	129	2.5
CA DB 23	CA-65-0069	DRAIN, DONALD P	W WARD	1964	165	356	104	2.5
CA DB 24	CA-65-0058	LUSBY, WILLIAM H	PATUXENT PUMP & WELL	1964	25	380	15	2.0
CA DB 25	CA-05-4705	C&P TELEPHONE	H H BUNKER & SONS	1963	145	467	10	2.0
CA DB 26	CA-04-2924	CALVERT SR HIGH SCHOOL	SHANNAHAN ART. WELL	1961	150	576	37	5.0
CA DB 27	CA-05-5906	WEEMS, THOMAS J	SHANNAHAN ART. WELL	1964	110	526	15	1.5
CA DB 28	CA-05-0814	BOYD, R LEE	L RUDE & SON	1963	15	367	18	1.5
CA DB 29	CA-04-9444	COX, WILFRED JR	W WARD	1962	100	315	126	2.5
CA DB 30	CA-05-0041	HALL, JOSEPH	LEATHERBURY	1963	110	336	98	2.0
CA DB 31	CA-05-5427	GILBERT, NIEL R	W WARD	1964	115	324	151	2.5
CA DB 32	CA-02-3044	WARD, EWELL	W WARD	1956	130	336	63	2.5
CA DB 33	CA-03-9213	DUFFEY, D W	W WARD	1960	25	335	83	2.0
CA DB 34	CA-03-8627	PRINCE FREDERICK VFD	W WARD	1960	140	420	10	4.0
CA DB 35	CA-66-0111	STATE HIGHWAY ADMIN	SHANNAHAN ART. WELL	1966	140	566	32	4.0
CA DB 36	CA-67-0037	USGS-PRINCE FREDERICK	EAST COAST WELL & PUMP	1966	140	1515	--	7.0
CA DB 37	CA-67-0105	DAVIS, GEORGE E	PATUXENT PUMP & WELL	1967	15	345	15	1.5
CA DB 38	CA-67-0089	TALBOT, RAY	W WARD	1967	150	330	5	4.0
CA DB 39	CA-72-0023	CAL CO INDUS PARK AUTHORITY	EAST COAST WELL & PUMP	1971	23	448	83	5.0
CA DB 40	CA-72-0022	CAL CO INDUS PARK AUTHORITY	EAST COAST WELL & PUMP	1971	24	447	82	5.0
CA DB 41	CA-69-0164	PRINCE FREDERICK	SHANNAHAN ART. WELL	1969	145	588	31	4.0
CA DB 42	CA-66-0034	PRINCE FREDERICK POST OFFICE	COLUMBIA PUMP & WELL	1965	90	545	10	6.0
CA DB 43	CA-73-1203	UNIV OF MD (HALLOWING PT LAB)	CALVERT WELL DRILLING	1976	15	287	10	2.0
CA DB 44	CA-73-0631	PRINCE FREDERICK	SHANNAHAN ART. WELL	1974	140	589	61	5.0
CA DB 45	CA-70-0097	CAL CO VOCATIONAL TECH CENTER	SHANNAHAN ART. WELL	1970	140	572	39	4.0
CA DB 46	CA-73-2879	CALVERT MEMORIAL HOSPITAL	CZ ENTERPRISES	1978	140	540	40	6.0
CA DB 47	CA-73-3304	USGS- PRINCE FREDERICK	CALVERT WELL DRILLING	1979	141	570	10	2.0
CA DB 48	CA-73-0704	HATFIELD, MORRISON	R WILLIAMS	1974	82	488	6	2.0
CA DB 49	CA-73-0452	WEEMS, THOMAS J	T DENNIS	1974	15	360	30	1.5
CA DB 50	CA-73-2195	MISTER, DELMA M	CALVERT WELL DRILLING	1977	20	395	15	2.0
CA DB 52	CA-04-9187	WARD, HENRY J	W WARD	1962	20	284	10	--
CA DB 53	CA-73-2431	CALVERT MEDICAL CENTER	W WARD	1978	125	545	10	3.0
CA DB 54	CA-69-0022	CALVERT CO NURSING CENTER	W WARD	1968	140	560	12	2.0
CA DB 55	CA-73-1084	CALVERT CO LANDFILL	FRANKS WELL DRILLING	1975	145	555	20	2.0
CA DB 56	CA-73-0802	HARDY, HENRY	CZ ENTERPRISES	1974	160	565	23	2.0
CA DB 57	CA-73-1106	BROWN, ARCHER L	W WARD	1975	160	315	100	4.0
CA DB 58	CA-73-0393	HARRIS & CONNER	T DENNIS	1974	160	535	35	2.0
CA DB 59	CA-73-1669	BUCKMASTER, JOHN	CALVERT WELL DRILLING	1976	140	320	15	2.0
CA DB 60	CA-73-1009	CIAMPO, D F	CZ ENTERPRISES	1975	130	468	234	2.0
CA DB 61	CA-73-2917	SHAW, STEVEN	CALVERT WELL DRILLING	1978	155	355	35	2.0
CA DB 62	CA-73-2286	HARRY, WILBUR	CALVERT WELL DRILLING	1978	100	267	15	2.0
CA DB 63	CA-73-3229	CA CO DEPT OF RECREATION	W WARD	1979	150	465	10	2.0
CA DB 64	CA-73-2670	CA CO COMMISSIONERS	CALVERT WELL DRILLING	1978	150	542	30	4.0
CA DC 1	--	CASSELL, A	--	--	5	360	--	--
CA DC 2	--	DRESSER, W D (DARES BEACH)	W WARD	1930	12	12	204	1.5
CA DC 3	--	BUCKLER, M K	LEATHERBURY	1930	103	340	--	--
CA DC 4	--	DIXON, NOWELL	LEATHERBURY	1945	160	350	--	--
CA DC 5	--	FREELAND, F L	LEATHERBURY	1932	160	340	--	--
CA DC 6	--	MISTER, FRANK	D BOWAN	1946	146	34	--	--
CA DC 7	--	SMITH, J G	N MORE	1942	144	28	--	--
CA DC 8	--	GOTT, JAMES	W GOMAN	1940	154	35	--	--
CA DC 9	--	CAIRNS, ROBERT	--	1897	126	--	--	--
CA DC 10	--	RAMSEY, D & M	--	--	164	60	--	--
CA DC 11	--	DORSEY, G W	W WARD	1896	3	225	--	2.0
CA DC 12	CA-00-0636	DRESSER, W D (DARES BEACH)	L RUDE & SON	1946	14	210	123	2.5
CA DC 13	--	SMITH, J G	--	1931	31	--	--	--

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	23.50	S	07/10/1946	--	--	--	--	--	H	--	CA DB 1
125AQUI	16.45+	S	04/17/1951	--	--	--	--	--	H	--	CA DB 2
125AQUI	18.00+	R	1948	28	12.0	10	1948	0.4	H	--	CA DB 3
112PLSC	3.03	S	10/13/1950	--	--	--	--	--	T	--	CA DB 4
125AQUI	120.00	R	--	120	--	75	--	0.6	P	T	CA DB 5
112PLSC	12.84	S	04/06/1949	--	--	--	--	--	H	B	CA DB 6
112PLSC	19.45	S	04/07/1949	--	--	--	--	--	H	B	CA DB 7
112PLSC	24.21	S	04/07/1949	--	--	--	--	--	H	B	CA DB 8
112PLSC	4.20	S	04/06/1949	--	--	--	--	--	H	B	CA DB 9
112PLSC	9.90	S	03/31/1949	--	--	--	--	--	H	B	CA DB 10
125AQUI	2.00+	R	1948	--	12.0	30	1948	--	H	--	CA DB 11
125AQUI	--	F	06/20/1949	--	--	--	--	--	H	Z	CA DB 12
125AQUI	39.56	S	06/16/1949	--	--	--	--	--	H	--	CA DB 13
125AQUI	--	F	--	--	--	--	--	--	U	--	CA DB 14
125AQUI	--		--	--	--	--	--	--	T	P	CA DB 15
125AQUI	3.60+	S	04/16/1951	--	--	--	--	--	H	--	CA DB 16
125AQUI	--	F	10/12/1950	--	--	--	--	--	H	--	CA DB 17
125AQUI	122.58	S	04/18/1951	--	--	--	--	--	P	S	CA DB 18
125AQUI	--	F	10/ /1951	--	12.0	45	09/ /1951	--	D	Z	CA DB 19
125AQUI	--	F	10/21/1950	--	1.0	7	10/21/1950	--	H	Z	CA DB 20
125AQUI	135.00	R	04/29/1952	75	--	75	04/29/1952	1.0	T	P	CA DB 21
124NNJM	107.00	R	12/16/1964	--	6.0	20	12/16/1964	--	H	J	CA DB 22
124NNJM	110.00	R	12/10/1964	5	8.0	6	12/10/1964	1.2	H	J	CA DB 23
125AQUI	18.00	R	11/16/1964	26	4.0	30	11/16/1964	1.2	H	--	CA DB 24
124NNJM	120.00	R	11/21/1963	--	6.0	20	11/21/1963	--	C	S	CA DB 25
125AQUI	129.00	R	06/15/1961	75	4.0	75	06/15/1961	1.0	T	S	CA DB 26
125AQUI	110.00	R	01/24/1964	85	6.0	10	01/24/1964	0.1	H	P	CA DB 27
125AQUI	1.00	R	1963	125	5.0	60	1963	0.5	H	P	CA DB 28
124NNJM	75.00	R	10/ /1962	5	8.0	5	10/ /1962	1.0	H	J	CA DB 29
124NNJM	128.00	R	01/18/1963	--	12.0	5	01/18/1963	--	H	P	CA DB 30
124NNJM	95.00	R	05/ /1964	2	8.0	5	05/ /1964	2.5	H	J	CA DB 31
124NNJM	90.00	R	1956	--	4.0	15	1956	--	C	J	CA DB 32
125AQUI	38.00	R	06/ /1960	--	8.0	6	06/ /1960	--	H	J	CA DB 33
124NNJM	70.00	R	07/ /1960	5	24.0	12	07/ /1960	2.4	F	S	CA DB 34
125AQUI	131.80	S	06/14/1966	34	26.0	41	06/14/1966	1.2	T	S	CA DB 35
--	--		--	--	--	--	--	--	U	--	CA DB 36
125AQUI	0.40+	S	06/27/1967	24	5.0	30	06/24/1967	1.2	H	J	CA DB 37
124NNJM	132.00	R	03/31/1967	10	4.0	25	03/31/1967	2.5	C	S	CA DB 38
125AQUI	18.00	R	08/ /1971	182	24.0	271	08/ /1971	1.5	U	--	CA DB 39
125AQUI	19.00	R	12/22/1971	181	24.0	275	12/22/1971	1.5	N	--	CA DB 40
125AQUI	147.00	R	12/02/1969	35	8.0	33	12/02/1969	0.9	P	T	CA DB 41
125AQUI	155.00	R	10/ /1965	35	8.0	30	10/ /1965	0.9	U	S	CA DB 42
124PNPN	15.32	S	05/04/1979	41	2.0	18	01/09/1976	0.4	N	S	CA DB 43
125AQUI	161.00	R	09/03/1974	50	8.0	82	09/03/1974	1.6	P	S	CA DB 44
125AQUI	140.00	R	04/30/1970	30	8.0	32	04/30/1970	1.1	T	--	CA DB 45
125AQUI	148.00	R	11/15/1978	144	12.0	254	11/15/1978	1.8	T	T	CA DB 46
125AQUI	141.24	S	08/31/1979	24	3.0	40	07/23/1979	1.7	U	--	CA DB 47
124PNPN	85.39	S	08/17/1978	31	6.0	18	10/19/1974	0.6	H	S	CA DB 48
125AQUI	12.00	R	03/13/1974	--	3.0	15	03/13/1974	--	H	S	CA DB 49
125AQUI	37.00	R	08/09/1977	47	1.0	30	08/09/1977	0.6	H	S	CA DB 50
124PNPN	12.00	R	1962	6	24.0	10	1962	1.7	P	--	CA DB 52
125AQUI	142.00	R	02/15/1978	18	24.0	50	02/15/1978	2.8	C	S	CA DB 53
125AQUI	146.34	S	08/15/1979	5	4.0	55	09/23/1968	11.0	T	S	CA DB 54
125AQUI	155.00	R	10/23/1975	22	3.0	33	10/23/1975	1.5	Z	S	CA DB 55
125AQUI	161.59	S	10/19/1978	65	5.0	12	12/02/1974	0.2	H	S	CA DB 56
124PNPN	88.06	S	11/03/1975	12	4.0	30	11/03/1975	2.5	H	S	CA DB 57
125AQUI	93.00	R	01/10/1974	--	2.0	15	01/10/1974	--	H	S	CA DB 58
124PNPN	97.19	S	04/05/1979	40	2.0	8	11/02/1976	0.2	H	S	CA DB 59
124PNPN	89.98	S	04/06/1979	31	4.0	7	08/11/1975	0.2	H	S	CA DB 60
124PNPN	86.18	S	05/09/1980	41	2.0	15	09/26/1978	0.4	H	S	CA DB 61
124PNPN	55.48	S	05/09/1980	55	1.0	30	03/07/1978	0.5	H	S	CA DB 62
124PNPN	40.00	R	06/12/1979	30	4.0	90	06/12/1979	3.0	T	S	CA DB 63
125AQUI	150.00	R	05/20/1978	42	8.0	40	05/20/1978	1.0	P	S	CA DB 64
--	--	F	07/02/1946	--	--	--	--	--	H	--	CA DC 1
124NNJM	14.00	R	1930	--	--	--	--	--	P	--	CA DC 2
124NNJM	--		--	--	--	--	--	--	H	--	CA DC 3
124NNJM	--		--	--	--	--	--	--	H	--	CA DC 4
124NNJM	120.00	R	1946	--	--	--	--	--	H	--	CA DC 5
112PLSC	31.30	S	07/12/1946	--	--	--	--	--	H	B	CA DC 6
112PLSC	--		--	--	--	--	--	--	H	--	CA DC 7
112PLSC	--		--	--	--	--	--	--	H	--	CA DC 8
112PLSC	--		--	--	--	--	--	--	H	--	CA DC 9
112PLSC	56.40	S	07/11/1946	--	--	--	--	--	H	B	CA DC 10
124NNJM	15.00+	R	1904	--	--	32	1896	--	C	--	CA DC 11
124NNJM	--		--	--	--	40	07/15/1946	--	P	P	CA DC 12
124NNJM	15.00	R	07/17/1946	--	--	--	--	--	H	--	CA DC 13

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA DC 14	--	GRAVATT, G F	--	1942	140	37	--	--
CA DC 15	--	SCIENTISTS CLIFFS	--	1938	5	180	--	--
CA DC 16	CA-00-1331	SCIENTISTS CLIFFS	COLUMBIA PUMP & WELL	1947	96	360	10	6.0
CA DC 17	CA-00-1671	GOLDSTEIN, A	L RUDE & SON	1947	147	555	12	1.5
CA DC 18	--	GOLDSTEIN, A	--	--	147	26	--	--
CA DC 19	--	GRAVATT, G F	--	--	130	--	--	--
CA DC 20	--	GRAVATT, G F	--	--	130	40	--	--
CA DC 21	--	HANCE, VERNON	--	--	130	34	--	--
CA DC 22	--	--	--	--	152	42	--	--
CA DC 23	--	PARRAN, THOMAS	--	--	130	40	--	--
CA DC 24	--	CASSELL, A	LEATHERBURY	1950	68	273	--	--
CA DC 25	CA-00-7731	CASSELL, A	LEATHERBURY	1951	104	294	--	--
CA DC 26	CA-00-7462	BROOKS CENTER	WASH. PUMP & WELL	1951	142	563	--	--
CA DC 27	CA-00-7328	BROOME, JOHN P	W WARD	1951	140	440	--	2.5
CA DC 28	CA-65-0084	MILLAR, WILLIAM	W WARD	1965	140	385	--	2.5
CA DC 29	CA-65-0113	SCIENTISTS CLIFFS	COLUMBIA PUMP & WELL	1965	110	537	23	6.0
CA DC 30	CA-05-6267	KAUFMANN CAMP	L RUDE & SON	1964	30	424	24	2.5
CA DC 31	CA-03-2812	CENTRAL ELEM SCHOOL	SHANNAHAN ART. WELL	1958	145	573	21	4.0
CA DC 32	--	--	--	--	140	--	--	--
CA DC 33	CA-67-0056	SHIPLEY, RAY	COLUMBIA PUMP & WELL	1966	150	301	8	6.0
CA DC 34	CA-03-4123	CASSELL UTIL (CHESAPEAKE HTS)	SYDNOR HYDRODYNAMICS	1959	20	475	45	8.0
CA DC 35	CA-73-0718	USGS- SCIENTISTS CLIFFS	DELMARVA DRILLING	1974	85	760	10	2.0
CA DC 36	CA-73-0777	DARES BEACH WATER CO	CZ ENTERPRISES	1974	85	272	21	6.0
CA DC 37	CA-73-1780	CASSELL UTIL (CHESAPEAKE HTS)	EAST COAST WELL & PUMP	1978	110	595	40	6.0
CA DC 38	CA-73-2914	SO MD ELEC CO	EAST COAST WELL & PUMP	1979	140	568	15	3.0
CA DC 39	CA-73-1311	BOWEN, GUY L	W WARD	1976	125	365	152	4.0
CA DC 40	CA-73-2594	BURKMAN, MARVIN	W WARD	1978	165	385	128	4.0
CA DC 41	CA-73-3367	PARKERS CREEK WATER CO	CALVERT WELL DRILLING	1979	140	340	20	2.0
CA DC 42	CA-73-3567	CALVERT WELL DRILLING CO	CALVERT WELL DRILLING	1980	130	542	30	4.0
CA DC 43	CA-73-3479	HARMS, JOHN E JR	CALVERT WELL DRILLING	1980	162	310	15	2.0
CA DC 44	CA-73-2022	FREELAND, VICTOR JR	CALVERT WELL DRILLING	1977	100	280	20	2.0
CA DC 45	CA-73-3033	NYMAN & ASSOC	CALVERT WELL DRILLING	1979	120	280	25	2.0
CA DC 46	CA-01-1692	KAUFMANN CAMP	L RUDE & SON	1953	65	430	18	2.5
CA DC 47	CA-73-0117	CA CO COMMISSIONERS	LEATHERBURY	1973	30	307	15	2.0
CA EB 1	--	--	--	--	140	39	--	--
CA EB 2	--	BOWEN, L S	--	1943	110	54	--	--
CA EB 3	--	COCHRAN, C	--	1944	125	26	--	--
CA EB 4	CA-00-5570	CRANE, H A	W WARD	1950	20	399	--	2.5
CA EB 5	--	NORTON & DEVERIS	W WARD	1950	15	350	--	--
CA EB 6	--	BOWEN	--	1920	10	--	--	--
CA EB 7	CA-00-7653	MERRICK GIRLS CAMP	W WARD	1951	10	280	--	2.5
CA EB 8	--	BEACH	--	--	3	270	--	--
CA EB 9	CA-65-0127	KAINE, ROBERT S	W WARD	1965	140	389	10	4.0
CA EB 10	CA-65-0114	SHEPPARD, FRANK	W WARD	1965	15	338	126	2.5
CA EB 11	CA-05-0891	BUCK, HOWARD	J B LYONS	1963	25	260	--	2.0
CA EB 12	CA-05-4682	DAVISON, M E	W WARD	1963	10	324	192	2.5
CA EB 13	CA-05-1266	CONLYN, ROBERT M	W WARD	1963	15	282	155	2.5
CA EB 14	CA-04-9293	MONNETT, DENNIS	W WARD	1962	125	340	88	2.5
CA EB 15	--	SEA GULL BEACH PARK	--	--	5	350	--	2.5
CA EB 16	--	SEA GULL BEACH PARK	--	--	5	272	--	2.0
CA EB 17	CA-73-2370	BARRETT, RICHARD	W WARD	1977	40	371	6	3.0
CA EB 18	CA-73-0595	YOUNG, BERNARD	R WILLIAMS	1974	160	323	73	--
CA EB 19	CA-73-1801	SHARBROOK CORP	W WARD	1977	105	345	129	4.0
CA EB 20	CA-73-0736	HILDEBRANDT, PHILIP	T DENNIS	1974	30	405	35	2.0
CA EB 21	CA-73-3620	BATTLE CREEK CYPRESS SWAMP	CALVERT WELL DRILLING	1980	32	397	50	2.0
CA EC 1	--	DORSEY, GEORGE W	W WARD	1920	1	225	--	--
CA EC 2	--	DORSEY, GEORGE W	W WARD	1941	3	225	100	2.0
CA EC 3	CA-00-1015	TRUEMAN LUMBER CO	COLUMBIA PUMP & WELL	1946	109	345	--	6.0
CA EC 4	--	ROSS, W W	--	1903	173	53	--	--
CA EC 5		PARRAN, BENJAMIN	--	--	127	33	--	--
CA EC 6	CA-00-1306	PARRAN, BENJAMIN	LEATHERBURY	1947	26	233	--	2.0
CA EC 7	--	GANTT, E	--	1945	140	41	--	--
CA EC 8	CA-00-3455	BARNETT, S L	W WARD	1948	10	273	--	1.5
CA EC 9	--	WILLIAMS, H	--	1934	132	40	--	--
CA EC 10	--	REYNOLDS, E F	--	1948	140	36	--	--
CA EC 11	--	WOOD, CARROLL C	--	1942	145	45	--	--
CA EC 12	--	GRAY	--	--	145	43	--	--
CA EC 13	--	--	--	--	105	29	--	--
CA EC 14	CA-00-3504	BOWEN, BERT	W WARD	1948	3	250	124	1.5
CA EC 15	--	PARKS, HARRY	W WARD	1947	3	268	--	--
CA EC 16	--	GOTT, L	W WARD	1947	125	410	--	--
CA EC 17	--	PARRAN, BENJAMIN	--	1910	2	220	--	1.5
CA EC 18	--	MCNANEY, JOE	--	1926	3	250	--	--
CA EC 19	CA-00-7934	BAUMAN, SAM	LEATHERBURY	1951	18	251	--	--
CA EC 20	--	HARKNESS FUNERAL HOME	LEATHERBURY	1932	150	--	--	--
CA EC 21	CA-65-0052	MARTIN, FRED P	W WARD	1965	10	262	132	2.0

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
112PLSC	5.00	R	1942	--	--	--	--	--	H	--	CA DC 14
124NNJM	--	F	07/29/1946	--	--	--	--	--	P	--	CA DC 15
124NNJM	100.00	R	05/15/1947	50	12.0	40	05/15/1947	0.8	P	T	CA DC 16
125AQUI	130.00	R	07/15/1947	--	--	--	--	--	H	--	CA DC 17
112PLSC	18.89	S	07/09/1947	--	--	--	--	--	U	--	CA DC 18
112PLSC	--		--	--	--	--	--	--	H	--	CA DC 19
112PLSC	34.72	S	05/19/1949	--	--	--	--	--	H	--	CA DC 20
112PLSC	7.88	S	04/07/1949	--	--	--	--	--	H	B	CA DC 21
112PLSC	34.85	S	05/19/1949	--	--	--	--	--	H	B	CA DC 22
112PLSC	35.12	S	06/16/1949	--	--	--	--	--	H	--	CA DC 23
124NNJM	51.11	S	05/07/1951	--	--	--	--	--	H	P	CA DC 24
124NNJM	84.00	R	05/08/1951	--	--	5	05/08/1951	--	H	P	CA DC 25
125AQUI	135.00	R	05/05/1951	55	12.0	65	05/05/1951	--	T	P	CA DC 26
124NNJM	120.00	R	03/16/1951	7	8.0	4	03/16/1951	0.6	H	P	CA DC 27
124NNJM	113.00	R	03/16/1965	2	8.0	5	03/16/1965	2.5	H	J	CA DC 28
125AQUI	175.00	R	06/ /1965	115	8.0	40	06/ /1965	0.3	P	S	CA DC 29
125AQUI	21.00	R	1964	126	10.0	50	1964	0.4	T	S	CA DC 30
125AQUI	137.00	R	11/20/1958	47	4.0	70	11/20/1958	1.5	T	--	CA DC 31
--	--		--	--	--	--	--	--	--	--	CA DC 32
124NNJM	135.00	R	10/14/1966	65	--	10	10/14/1966	0.2	H	S	CA DC 33
125AQUI	24.00	R	07/08/1959	195	24.0	271	07/08/1959	1.4	P	T	CA DC 34
211MGTY	82.00	R	10/02/1974	98	--	12	10/02/1974	0.1	U	--	CA DC 35
124PNPN	83.02	S	07/02/1979	122	6.0	50	11/27/1974	0.4	P	S	CA DC 36
125AQUI	135.00	R	04/15/1978	100	24.0	270	04/15/1978	2.7	P	S	CA DC 37
125AQUI	147.00	R	03/03/1979	58	12.0	60	03/03/1979	1.0	C	S	CA DC 38
124PNPN	113.07	S	05/05/1980	15	4.0	30	04/08/1976	2.0	H	S	CA DC 39
124PNPN	140.00	R	03/15/1978	30	4.0	25	03/15/1978	0.8	H	S	CA DC 40
124PNPN	110.00	R	10/24/1979	79	1.0	30	10/24/1979	0.4	P	S	CA DC 41
125AQUI	135.00	R	04/20/1980	45	1.0	50	04/20/1980	1.1	C	S	CA DC 42
124PNPN	125.00	R	02/01/1980	22	1.0	30	02/01/1980	1.4	H	S	CA DC 43
124PNPN	91.00	R	06/30/1977	25	1.5	15	06/30/1977	0.6	H	S	CA DC 44
124PNPN	95.00	R	03/16/1979	25	1.0	30	03/16/1979	1.2	H	S	CA DC 45
125AQUI	46.27	S	07/02/1979	--	8.0	50	1953	--	T	S	CA DC 46
124PNPN	45.00	R	02/15/1973	20	1.0	20	02/15/1973	1.0	--	S	CA DC 47
112PLSC	30.39	S	04/07/1949	--	--	--	--	--	H	B	CA EB 1
112PLSC	36.70	S	04/07/1949	--	--	--	--	--	H	B	CA EB 2
112PLSC	17.55	S	04/07/1949	--	--	--	--	--	H	B	CA EB 3
125AQUI	10.00	R	05/30/1950	--	24.0	4	05/30/1950	--	H	--	CA EB 4
124NNJM	0.91+	S	10/11/1950	--	--	--	--	--	H	--	CA EB 5
124NNJM	--	F	10/12/1950	--	--	--	--	--	H	--	CA EB 6
124NNJM	5.00	R	04/17/1951	1	4.0	10	04/07/1951	10.0	N	P	CA EB 7
124NNJM	--	F	06/20/1951	--	--	--	--	--	H	--	CA EB 8
124NNJM	95.00	R	06/07/1965	10	24.0	10	06/07/1965	1.0	H	S	CA EB 9
124NNJM	5.00	R	05/14/1965	10	4.0	25	05/14/1965	2.5	H	J	CA EB 10
124NNJM	13.00	R	05/20/1963	2	3.0	6	05/20/1963	3.0	H	P	CA EB 11
124NNJM	5.00	R	12/ /1963	--	6.0	10	12/ /1963	--	H	--	CA EB 12
124NNJM	32.00	R	08/ /1963	--	6.0	20	08/ /1963	--	H	--	CA EB 13
124NNJM	95.00	R	10/ /1962	7	24.0	5	10/ /1962	0.7	H	J	CA EB 14
125AQUI	--	F	01/ /1966	--	--	2	--	--	U	--	CA EB 15
125AQUI	--	F	01/ /1966	--	--	2	--	--	U	--	CA EB 16
125AQUI	28.00	R	12/17/1977	7	8.0	20	12/17/1977	2.9	H	S	CA EB 17
124PNPN	101.00	R	07/16/1974	22	4.0	10	07/16/1974	0.5	H	S	CA EB 18
124PNPN	87.00	R	03/17/1977	8	8.0	25	03/17/1977	3.1	H	S	CA EB 19
124PNPN	32.40	S	09/15/1978	--	3.0	15	10/21/1974	--	H	S	CA EB 20
125AQUI	12.00	R	04/05/1980	41	3.0	55	04/05/1980	1.3	T	S	CA EB 21
124NNJM	--	F	01/ /1947	--	--	5	01/13/1947	--	U	--	CA EC 1
124NNJM	--	F	07/12/1946	--	--	10	07/12/1946	--	P	U	CA EC 2
124NNJM	125.00	R	12/18/1946	25	8.0	60	12/18/1946	2.4	C	T	CA EC 3
112PLSC	43.90	R	04/07/1947	--	--	--	--	--	H	U	CA EC 4
112PLSC	28.15	S	05/06/1947	--	--	--	--	--	S	B	CA EC 5
124NNJM	28.00	R	04/17/1947	32	22.0	3	04/17/1947	0.1	H	U	CA EC 6
112PLSC	35.85	S	04/07/1949	--	--	--	--	--	H	B	CA EC 7
124NNJM	5.00	R	12/ /1948	15	3.0	15	12/ /1948	1.0	H	U	CA EC 8
112PLSC	31.14	S	05/19/1949	--	--	--	--	--	H	U	CA EC 9
112PLSC	31.94	S	05/19/1949	--	--	--	--	--	H	U	CA EC 10
112PLSC	42.08	S	06/16/1949	--	--	--	--	--	H	B	CA EC 11
112PLSC	38.29	S	06/16/1949	--	--	--	--	--	H	B	CA EC 12
112PLSC	19.55	S	06/16/1949	--	--	--	--	--	H	B	CA EC 13
112PLSC	4.00	R	12/15/1948	--	2.0	10	12/15/1948	--	H	Z	CA EC 14
124NNJM	1.00+	R	06/16/1949	--	--	--	--	--	H	U	CA EC 15
125AQUI	--		--	--	--	--	--	--	C	U	CA EC 16
124NNJM	--	F	--	--	--	--	--	--	H	Z	CA EC 17
124NNJM	--		--	--	--	--	--	--	U	Z	CA EC 18
124NNJM	11.75	S	06/20/1951	--	4.0	9	06/07/1951	--	H	Z	CA EC 19
--	--		--	--	--	--	--	--	H	P	CA EC 20
124NNJM	3.00	R	01/26/1965	--	--	10	01/26/1965	--	H	J	CA EC 21

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA EC 22	CA-05-4371	C&P TELEPHONE CO	H H BUNKER & SONS	1963	145	345	70	4.0
CA EC 23	CA-02-6043	CHRIST CHURCH	W WARD	1957	160	341	79	3.0
CA EC 24	CA-65-0043	WATERS MEM CHURCH	W WARD	1964	145	444	126	2.5
CA EC 25	CA-67-0094	PARKER, RICHARD	W WARD	1967	135	345	109	2.5
CA EC 26	CA-67-0109	GOLDSTEIN, LOUIS L	SHANNAHAN ART. WELL	1967	155	597	20	2.0
CA EC 27	CA-69-0015	KENWOOD WATER SYSTEM	W WARD	1968	30	365	12	--
CA EC 28	CA-73-1193	MUTUAL ELEM SCHOOL	EAST COAST WELL & PUMP	1975	123	540	20	4.0
CA EC 29	CA-73-3148	STEIN, JOSEPH	CALVERT WELL DRILLING	1979	110	295	20	2.0
CA EC 30	CA-73-1204	WASHINGTON, CHARLES J	CALVERT WELL DRILLING	1976	120	345	10	1.2
CA EC 31	CA-73-3262	DICKENS, GEORGE M	W WARD	1979	130	365	138	4.0
CA EC 32	CA-73-3063	PRATT, WARREN	CALVERT WELL DRILLING	1979	105	360	15	2.0
CA EC 33	CA-73-0308	CAPORRATTI, PAUL	T DENNIS	1974	125	190	70	--
CA EC 34	CA-73-2982	WASHINGTON, CLARENCE	CALVERT WELL DRILLING	1978	130	380	20	2.0
CA EC 35	CA-73-2938	MCCOMAS, JAMES	W WARD	1978	110	385	50	4.0
CA EC 36	CA-73-3416	GOTT, DONALD	W WARD	1979	100	365	150	4.0
CA EC 37	CA-73-2833	WOLF	BRANHAM CONTRACTORS	1978	20	270	10	2.0
CA EC 38	CA-73-0813	LANZISERA, MAURO	CZ ENTERPRISES	1974	12	250	12	2.0
CA EC 39	CA-73-0034	CALVERT CHRISTIAN SCHOOL	SHANNAHAN ART. WELL	1972	160	620	20	2.0
CA EC 40	CA-66-0003	WESTERN SHORES	W WARD	1966	70	--	10	4.0
CA ED 1	--	BG&E CO- CAMP CONOY	SHANNAHAN ART. WELL	1931	62	540	20	3.0
CA ED 2	--	--	--	--	2	--	--	--
CA ED 3	--	--	--	--	2	--	--	--
CA ED 4	--	LONG BEACH WATER CO	L RUDE & SON	1941	5	500	12	2.0
CA ED 5	CA-00-2629	COX, J	LEATHERBURY	1948	30	330	120	2.0
CA ED 6	CA-00-3327	HALL, ROBERT C	L RUDE & SON	1948	3	274	190	2.5
CA ED 7	--	BANCROFT ESTATES	--	--	60	64	--	--
CA ED 8	--	JOHNSON, HERBERT	--	1944	50	37	--	--
CA ED 9	--	HENDERSON, WOODROW	--	--	95	38	--	--
CA ED 10	--	--	--	--	3	--	--	1.5
CA ED 11	--	COX, M	--	--	100	--	--	3.0
CA ED 12	--	LONG BEACH WATER CO	L RUDE & SON	1950	5	400	--	--
CA ED 13	--	JOHNSON, J H	LEATHERBURY	1950	3	347	--	--
CA ED 14	CA-65-0071	KRELLEN, HAROLD	W WARD	1965	8	285	105	2.0
CA ED 15	CA-65-0132	DESKINS, LEON D	L RUDE & SON	1965	85	378	168	2.5
CA ED 16	CA-04-4266	HARPER	SHANNAHAN ART. WELL	1961	85	557	10	1.5
CA ED 17	CA-04-0670	WHITE SANDS CORP	L RUDE & SON	1960	50	315	126	2.5
CA ED 18	CA-05-1572	BG&E CO- CAMP CONOY	W WARD	1963	100	580	20	6.0
CA ED 19	CA-05-4331	LONG BEACH WATER CO	W WARD	1964	65	365	20	4.0
CA ED 20	CA-05-4043	LONG BEACH WATER CO	W WARD	1962	50	360	10	4.0
CA ED 21	--	BG&E CO- CALVERT CLIFFS	GIRDER FNDN & EXPLOR	1967	113	338	--	6.0
CA ED 22	CA-69-0039	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	117	758	33	6.0
CA ED 23	CA-72-0041	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1971	80	607	124	6.0
CA ED 24	CA-70-0063	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1970	100	637	117	6.0
CA ED 25	CA-69-0035	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	60	623	118	6.0
CA ED 26	CA-69-0036	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	50	562	5	3.0
CA ED 27	CA-69-0037	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	62	561	10	3.0
CA ED 28	CA-69-0038	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	64	561	5	3.0
CA ED 29	CA-69-0040	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	82	706	5	3.0
CA ED 30	CA-69-0041	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	93	727	10	3.0
CA ED 31	CA-69-0042	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1968	67	698	5	3.0
CA ED 32	CA-02-3170	WHITE SANDS CORP	SYDNOR HYDRODYNAMICS	1956	100	389	30	6.0
CA ED 33	CA-73-0938	LONG BEACH WATER CO	W WARD	1975	18	262	10	3.0
CA ED 34	CA-73-0411	GOULET	BRANHAM CONTRACTORS	1974	82	330	7	2.0
CA ED 35	CA-02-9966	LONG BEACH WATER CO	L RUDE & SON	1958	20	452	--	--
CA ED 37	CA-73-2925	CAL CO SANITARY DIST	W WARD	1978	120	322	20	3.0
CA ED 38	CA-73-2926	CAL CO SANITARY DIST	W WARD	1978	120	323	20	3.0
CA ED 39	CA-73-1124	PARRAN, THOMAS	W WARD	1975	115	365	83	4.0
CA ED 40	CA-73-0874	BARBER, LAVERNE	W WARD	1975	45	365	150	4.0
CA ED 41	CA-73-1021	FREEMAN, E M	W WARD	1975	45	335	120	4.0
CA ED 42	CA-73-0369	BG&E CO- CALVERT CLIFFS	SHANNAHAN ART. WELL	1974	113	620	26	2.0
CA ED 43	CA-73-3266	LONG BEACH WATER CO	W WARD	1979	4	272	10	2.0
CA FC 1	--	GROSS, GEORGE	--	--	100	34	--	--
CA FC 2	--	DENTON, WARREN & CO	LEATHERBURY	--	4	480	--	2.5
CA FC 3	--	SMITH	LEATHERBURY	1950	2	240	--	1.5
CA FC 4	--	DENTON, JOHN	J DENTON	1931	6	420	--	2.0
CA FC 5	--	DENTON, WARREN & CO	--	--	4	240	--	2.0
CA FC 6	CA-05-3188	LOWERY, OREM	W WARD	1963	5	252	52	2.0
CA FC 7	CA-67-0079	RODGERS, BALLAD, JR	W WARD	1967	11	284	130	2.5
CA FC 8	CA-67-0096	WELLS, ROBERT	W WARD	1967	7	276	81	2.5
CA FC 9	CA-00-8692	DENTON, WARREN & CO	COLUMBIA PUMP & WELL	1951	10	480	10	6.0
CA FC 10	CA-73-0945	SWISHER, GLEN E	H H BUNKER & SONS	1975	10	410	130	4.0
CA FD 1	--	US NAVY (RECREATION CENTER)	WASH. PUMP & WELL	1942	21	500	23	6.0
CA FD 2	CA-00-0242	LORE, MRS KENNETH	L RUDE & SON	1946	20	320	--	2.5
CA FD 3	--	BARRETT, D	L RUDE & SON	1932	3	362	222	1.5
CA FD 4	CA-00-1237	WAIT, G D	LEATHERBURY	1947	28	252	--	2.0

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	114.00	R	11/14/1963	--	6.0	15	11/14/1963	--	C	S	CA EC 22
124PNPN	138.00	R	07/ /1957	--	8.0	5	07/ /1957	--	T	P	CA EC 23
124NNJM	134.00	R	09/23/1964	4	12.0	4	09/23/1964	1.0	T	J	CA EC 24
124NNJM	120.00	R	04/20/1967	25	4.0	15	04/20/1967	0.6	H	U	CA EC 25
125AQUI	147.00	R	05/12/1967	7	5.0	5	05/12/1967	0.7	H	S	CA EC 26
124NNJM	58.00	R	10/18/1968	10	4.0	75	10/18/1968	7.5	P	U	CA EC 27
125AQUI	124.00	R	12/28/1975	121	8.0	75	12/28/1975	6.2	T	S	CA EC 28
124PNPN	105.00	R	05/15/1979	33	1.0	50	05/15/1979	1.5	H	S	CA EC 29
124PNPN	101.00	R	01/26/1976	34	1.0	18	01/26/1976	0.5	H	S	CA EC 30
124PNPN	130.00	R	10/16/1979	11	8.0	22	10/16/1979	2.0	H	S	CA EC 31
124PNPN	110.00	R	02/23/1979	11	1.0	30	02/23/1979	2.7	H	S	CA EC 32
124PNPN	20.00	R	02/18/1974	--	6.0	20	02/18/1974	--	H	S	CA EC 33
124PNPN	130.00	R	11/02/1978	31	2.0	35	11/02/1978	1.1	H	S	CA EC 34
124PNPN	100.00	R	10/04/1978	30	4.0	30	10/04/1978	1.0	H	S	CA EC 35
124PNPN	97.00	R	09/17/1979	28	4.0	30	09/17/1979	1.1	H	S	CA EC 36
124PNPN	40.00	R	08/17/1978	70	2.0	60	08/17/1978	0.9	H	S	CA EC 37
124PNPN	8.24	S	06/12/1978	7	2.0	25	12/12/1974	3.6	H	S	CA EC 38
125AQUI	160.00	R	08/29/1972	16	10.0	16	08/29/1972	1.0	T	S	CA EC 39
124PNPN	70.00	R	05/16/1966	10	4.0	50	05/16/1966	5.0	P	S	CA EC 40
125AQUI	11.70	S	06/20/1951	--	--	10	07/10/1944	--	T	P	CA ED 1
--	--	F	08/19/1946	--	--	--	--	--	--	--	CA ED 2
--	--	F	08/19/1946	--	--	--	--	--	--	--	CA ED 3
125AQUI	5.00+	SF	04/17/1951	--	--	--	--	--	P	--	CA ED 4
124NNJM	46.00	R	05/22/1948	--	--	4	05/22/1948	--	H	--	CA ED 5
124NNJM	3.56	S	04/18/1951	--	--	50	1948	--	H	--	CA ED 6
112PLSC	54.41	S	05/19/1949	--	--	--	--	--	U	B	CA ED 7
112PLSC	32.70	S	05/20/1949	--	--	--	--	--	H	B	CA ED 8
112PLSC	30.43	S	05/20/1949	--	--	--	--	--	H	B	CA ED 9
--	--	F	--	--	--	--	--	--	--	--	CA ED 10
--	--		--	--	--	--	--	--	--	--	CA ED 11
125AQUI	--		--	--	--	--	--	--	--	--	CA ED 12
124NNJM	--	F	04/18/1951	--	--	--	--	--	H	J	CA ED 13
124NNJM	3.00	R	05/04/1965	3	6.0	15	05/04/1965	5.0	H	P	CA ED 14
124NNJM	75.00	R	06/11/1965	155	5.0	30	06/11/1965	0.2	H	J	CA ED 15
125AQUI	113.00	R	09/18/1961	27	4.0	10	09/18/1961	0.4	H	U	CA ED 16
124NNJM	35.00	R	09/ /1960	--	8.0	35	09/ /1960	--	C	--	CA ED 17
125AQUI	90.00	R	1963	50	24.0	60	1963	1.2	T	S	CA ED 18
124NNJM	63.00	R	03/ /1964	7	8.0	22	03/ /1964	3.1	P	T	CA ED 19
124NNJM	37.00	R	1962	23	4.0	50	1962	2.2	P	T	CA ED 20
124NNJM	--		--	--	--	--	--	--	--	--	CA ED 21
211MGTY	113.00	R	11/22/1968	187	10.0	30	11/22/1968	0.2	U	--	CA ED 22
125AQUI	63.00	R	10/26/1971	110	24.0	350	10/26/1971	3.2	N	S	CA ED 23
125AQUI	92.00	R	01/07/1970	107	24.0	310	01/07/1970	2.9	N	T	CA ED 24
125AQUI	82.39	S	04/11/1979	110	18.0	310	10/25/1968	2.8	N	T	CA ED 25
125AQUI	68.00	R	10/21/1968	52	3.0	25	10/21/1968	0.5	U	--	CA ED 26
125AQUI	63.42	R	10/10/1968	27	3.0	30	10/10/1968	1.1	U	--	CA ED 27
125AQUI	66.00	R	10/17/1968	24	3.0	25	10/17/1968	1.0	U	--	CA ED 28
211MGTY	72.00	R	10/28/1968	28	5.0	5	10/28/1968	0.2	U	--	CA ED 29
211MGTY	82.00	R	10/30/1968	48	6.0	9	10/30/1968	1.9	U	--	CA ED 30
211MGTY	60.20	R	11/13/1968	40	5.0	7	11/13/1968	0.2	U	--	CA ED 31
124PNPN	108.51	S	07/18/1979	139	10.5	52	06/01/1956	0.4	P	T	CA ED 32
124PNPN	10.00	R	08/23/1975	70	4.0	100	08/23/1975	1.4	P	S	CA ED 33
124PNPN	150.00	R	03/15/1974	50	4.0	10	03/15/1974	0.2	H	S	CA ED 34
125AQUI	5.00	R	02/14/1958	--	12.0	50	02/14/1958	--	P	S	CA ED 35
124PNPN	73.00	R	10/08/1978	107	4.0	80	10/08/1978	0.7	P	S	CA ED 37
124PNPN	78.00	R	10/06/1978	102	4.0	80	10/06/1978	0.8	P	S	CA ED 38
124PNPN	104.00	R	11/20/1975	10	6.0	30	11/20/1975	3.0	H	S	CA ED 39
124PNPN	87.00	R	05/06/1975	13	4.0	40	05/06/1975	3.1	H	S	CA ED 40
124PNPN	35.00	R	10/21/1975	4	6.0	25	10/21/1975	6.3	H	S	CA ED 41
125AQUI	139.40	S	08/17/1978	6	8.0	9	04/09/1974	1.5	C	S	CA ED 42
124PNPN	7.03	S	07/03/1979	40	4.0	150	06/15/1979	3.8	P	S	CA ED 43
112PLSC	25.20	S	05/19/1949	--	--	--	--	--	H	B	CA FC 1
125AQUI	8.85+	S	05/07/1951	--	--	5	--	--	C	C	CA FC 2
--	--	F	--	--	--	--	--	--	H	--	CA FC 3
125AQUI	5.37+	S	04/30/1951	--	--	--	--	--	H	Z	CA FC 4
124NNJM	0.40+	S	05/07/1951	--	--	--	--	--	H	Z	CA FC 5
124NNJM	3.00	R	08/ /1963	7	6.0	10	08/ /1963	1.4	C	P	CA FC 6
124NNJM	10.00	R	01/23/1967	10	6.0	20	01/23/1967	2.0	H	--	CA FC 7
124NNJM	2.90	S	05/26/1967	12	6.0	25	05/18/1967	2.1	H	--	CA FC 8
125AQUI	1.00+	R	10/18/1951	79	8.0	50	10/18/1951	0.6	C	T	CA FC 9
124PNPN	4.00	R	07/23/1975	16	5.0	10	07/23/1975	0.6	H	S	CA FC 10
125AQUI	10.13	S	1942	152	--	125	1942	0.8	P	T	CA FD 1
124NNJM	27.00	R	04/27/1946	--	12.0	25	04/27/1946	--	H	U	CA FD 2
124NNJM	--		--	--	--	--	--	--	C	U	CA FD 3
125AQUI	28.00	R	04/02/1947	12	--	3	04/02/1947	0.3	H	U	CA FD 4

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA FD 5	CA-00-0431	RICHARDSON, HARRY B	L RUDE & SON	1946	29	325	223	2.5
CA FD 6	--	HORSEMAN, MRS H	--	--	6	400	--	1.5
CA FD 7	CA-00-0786	DOWELL, BENJAMIN	L RUDE & SON	1946	18	320	152	2.5
CA FD 8	--	DOWELL CANNERY	L RUDE & SON	1926	0	315	185	2.5
CA FD 9	--	PENDARVIS, MRS	L RUDE & SON	1929	5	315	--	1.5
CA FD 10	--	NIELSON	--	--	10	--	--	--
CA FD 11	--	NIELSON	--	--	20	--	--	--
CA FD 12	--	NIELSON	--	1947	106	22	--	--
CA FD 13	--	SHORT, C V	--	--	1	--	--	--
CA FD 14	--	GLASCOCK, W B	L RUDE & SON	--	1	--	--	1.5
CA FD 15	CA-00-1524	MINKE, ROY	L RUDE & SON	1947	18	315	189	2.5
CA FD 16	--	ADAMS, DUKE	--	--	28	36	--	--
CA FD 17	--	ADAMS, DUKE	--	--	28	36	--	--
CA FD 18	--	ADAMS, DUKE	--	--	28	36	--	--
CA FD 19	CA-00-1522	ADAMS, DUKE	L RUDE & SON	1947	28	300	174	2.5
CA FD 20	--	US NAVY (RECREATION CENTER)	L RUDE & SON	--	17	--	--	1.5
CA FD 21	CA-00-1520	BOND, W C	L RUDE & SON	1947	20	315	189	2.5
CA FD 22	CA-00-2340	REKAR, WILLIAM	L RUDE & SON	1948	136	461	198	3.0
CA FD 23	CA-00-1521	JONES, HOWARD L	L RUDE & SON	1947	30	375	--	3.0
CA FD 24	--	REKAR, WILLIAM	--	--	134	51	--	--
CA FD 25	--	THOMPSON, ERNEST	--	1945	100	45	--	--
CA FD 26	--	BARRETT, ALEC	--	--	25	22	--	--
CA FD 27	--	DOWELL, ARTHUR	--	--	120	52	--	--
CA FD 28	--	PORCH, EDWARD	--	1947	120	39	--	--
CA FD 29	--	--	--	--	125	23	--	--
CA FD 30	--	--	--	--	115	19	--	--
CA FD 31	CA-00-3782	GLASCOCK, SARAH	L RUDE & SON	1949	18	320	180	3.5
CA FD 32	--	US NAVY	WASH. PUMP & WELL	1944	6	490	24	6.0
CA FD 33	--	GLASCOCK	L RUDE & SON	1949	10	357	231	3.5
CA FD 34	--	MACKALL	--	1932	6	250	--	2.0
CA FD 35	CA-65-0073	BENNETT, T G JR	L RUDE & SON	1964	30	315	168	2.5
CA FD 36	CA-65-0089	KEYSER, GERALD L	W WARD	1965	20	323	170	2.5
CA FD 37	CA-65-0090	BOSSERT, JOHN	W WARD	1965	20	322	167	2.5
CA FD 38	CA-04-4077	CHESAPEAKE RANCH WATER CO	PATUXENT PUMP & WELL	1961	85	355	30	5.2
CA FD 39	CA-04-4076	CHESAPEAKE RANCH WATER CO	PATUXENT PUMP & WELL	1962	105	626	30	5.2
CA FD 40	--	REICHARDT, C E	L RUDE & SON	1932	5	425	--	1.5
CA FD 41	CA-66-0100	GLASCOCK, BEDFORD C	W WARD	1966	10	290	10	4.0
CA FD 42	CA-67-0104	LUTZ, HARRY J	W WARD	1967	20	345	110	2.5
CA FD 43	CA-67-0123	FIESTA, ROBERT	W WARD	1967	40	346	68	2.5
CA FD 44	CA-73-0361	TRABAND, IRVING B	W WARD	1973	15	326	60	4.0
CA FD 45	CA-73-0818	GRAHAM, ETTA	W WARD	1975	100	404	118	4.0
CA FD 46	CA-73-1234	SO MD DEVELOPERS	BRANHAM CONTRACTORS	1976	84	340	7	2.0
CA FD 47	CA-73-1132	WROTEN, WILLIAM J	CALVERT WELL DRILLING	1976	23	265	10	2.0
CA FD 48	CA-73-1239	SCHREINER, BERNARD	CALVERT WELL DRILLING	1976	20	255	10	1.2
CA FD 49	CA-73-1273	GARNER, VERNON	CALVERT WELL DRILLING	1976	30	266	10	1.2
CA FD 50	CA-73-1448	USGS- APPEAL	PATUXENT PUMP & WELL	1976	94	350	10	2.0
CA FD 51	CA-73-1449	USGS- CALVERT CLIFFS	PATUXENT PUMP & WELL	1976	129	352	10	2.0
CA FD 52	CA-73-1450	USGS- SOLLERS	PATUXENT PUMP & WELL	1976	101	318	10	2.0
CA FD 53	CA-73-2144	SOUTHERN MIDDLE SCHOOL	CZ ENTERPRISES	1977	109	687	70	8.0
CA FD 54	CA-73-2892	USGS- CALVERT CLIFFS	SHANNAHAN ART. WELL	1978	129	648	10	3.0
CA FD 55	CA-73-3546	BOWEN, WILLIAM	CALVERT WELL DRILLING	1980	70	330	10	2.0
CA FD 56	CA-73-0409	BELAIR SERVICE CO	BRANHAM CONTRACTORS	1974	50	275	8	2.0
CA FD 57	CA-73-2619	BELAIR SERVICE CO	CALVERT WELL DRILLING	1978	40	305	15	2.0
CA FD 58	CA-73-1460	OGDEN, PATRICK	CALVERT WELL DRILLING	1976	70	345	15	2.0
CA FD 59	CA-73-0719	PARRAN, JULIAS	W WARD	1974	90	365	129	4.0
CA FD 60	CA-73-1591	SOUTHERN MD DEVELOPERS	BRANHAM CONTRACTORS	1976	40	280	7	2.0
CA FD 61	CA-73-1323	WILLIS, JULIAN	PATUXENT PUMP & WELL	1976	118	460	20	1.2
CA FD 62	CA-73-1794	MUSUMECI, MICHAEL D	BRANHAM CONTRACTORS	1977	100	330	10	2.0
CA FD 63	CA-73-3128	POORE, RONALD J	W WARD	1979	15	345	173	4.0
CA FD 64	CA-73-2239	GLASCOCK, BEDFORD C	CALVERT WELL DRILLING	1977	18	260	15	2.0
CA FD 65	CA-73-3386	SOLOMONS VFD	CALVERT WELL DRILLING	1979	50	294	20	2.0
CA FD 66	CA-73-1449	USGS- CALVERT CLIFFS	PATUXENT PUMP & WELL	1976	129	--	--	--
CA FD 67	CA-01-7074	APPEAL ELEM SCHOOL	W WARD	1955	104	400	90	4.0
CA FE 1	CA-00-0243	MCCONNELL, R P	L RUDE & SON	1946	5	320	236	2.5
CA FE 2	CA-00-0662	MICHITOFF, MRS IRENE	L RUDE & SON	1946	5	320	231	2.5
CA FE 3	CA-00-0241	BOWEN, EDGAR	L RUDE & SON	1946	130	525	195	3.0
CA FE 4	CA-00-0727	MOROSOFF, OLGA	L RUDE & SON	1946	5	320	--	2.5
CA FE 5	CA-00-0728	KOUSHNAREFF, SERGE G	L RUDE & SON	1946	5	320	--	2.5
CA FE 6	CA-00-1317	MCKENZIE	--	--	3	--	--	--
CA FE 7	CA-00-3136	OSTENSO	L RUDE & SON	1948	5	315	231	2.5
CA FE 8	CA-00-3135	HARRY, DON N	L RUDE & SON	1948	5	315	231	2.5
CA FE 9	CA-00-3162	MOURT, T A	L RUDE & SON	1948	5	315	231	2.5
CA FE 10	CA-00-3164	TOMPTSON, MRS L G	L RUDE & SON	1948	5	375	291	2.5
CA FE 11	CA-00-3163	GAINER, J B	L RUDE & SON	1948	5	315	231	2.5
CA FE 12	CA-00-3165	SMITH, L DEFORD	L RUDE & SON	1948	5	315	231	2.5
CA FE 13	CA-00-3166	WRIGHT, J K	L RUDE & SON	1948	5	315	231	2.5

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	20.59	S	01/13/1947	--	12.0	10	08/17/1946	--	H	U	CA FD 5
124NNJM	14.00	R	08/12/1946	--	--	--	--	--	H	Z	CA FD 6
124NNJM	25.00	R	09/03/1946	--	12.0	25	09/03/1946	--	C	J	CA FD 7
124NNJM	--		--	--	--	3	--	--	U	--	CA FD 8
124NNJM	--		--	--	--	--	1926	--	H	--	CA FD 9
--	--	F	04/23/1947	--	--	--	--	--	U	--	CA FD 10
--	--		--	--	--	--	--	--	H	--	CA FD 11
112PLSC	13.55	S	04/23/1947	--	--	--	--	--	U	--	CA FD 12
--	--	F	--	--	--	--	--	--	H	Z	CA FD 13
--	16.40	S	04/30/1947	--	--	--	--	--	U	--	CA FD 14
124NNJM	35.00	R	05/24/1947	--	12.0	20	05/24/1947	--	H	J	CA FD 15
112PLSC	--		--	--	--	--	--	--	H	--	CA FD 16
112PLSC	--		--	--	--	--	--	--	H, S	--	CA FD 17
112PLSC	--		--	--	--	--	--	--	H	--	CA FD 18
124NNJM	25.00	R	06/06/1947	--	12.0	25	06/06/1947	--	H	J	CA FD 19
--	--		--	--	--	--	--	--	U	--	CA FD 20
124NNJM	38.00	R	06/25/1947	--	12.0	25	06/25/1947	--	H	J	CA FD 21
124NNJM	135.00	R	11/ /1948	--	12.0	5	11/ /1948	--	H	U	CA FD 22
124NNJM	45.00	R	06/15/1947	--	12.0	30	06/15/1947	--	H	P	CA FD 23
112PLSC	47.31	S	06/04/1948	--	--	--	--	--	U	--	CA FD 24
112PLSC	31.50	S	05/20/1949	--	--	--	--	--	H	--	CA FD 25
112PLSC	12.85	S	05/20/1949	--	--	--	--	--	H	--	CA FD 26
112PLSC	44.20	S	05/20/1949	--	--	--	--	--	H	--	CA FD 27
112PLSC	30.10	S	05/20/1949	--	--	--	--	--	H	--	CA FD 28
112PLSC	10.33	S	05/20/1949	--	--	--	--	--	H	--	CA FD 29
112PLSC	16.59	S	05/20/1949	--	--	--	--	--	H	--	CA FD 30
124NNJM	20.00	R	04/20/1949	27	12.0	20	04/20/1949	1.1	C	J	CA FD 31
125AQUI	--		--	--	--	--	--	--	--	T	CA FD 32
124NNJM	--		--	--	--	--	--	--	C	J	CA FD 33
124NNJM	0.00	R	05/08/1951	--	--	--	--	--	H	Z	CA FD 34
124NNJM	25.00	R	12/04/1964	101	6.0	35	12/04/1964	0.3	H	J	CA FD 35
124NNJM	35.00	R	03/31/1965	5	8.0	5	03/31/1965	1.0	H	J	CA FD 36
124NNJM	38.00	R	04/02/1965	2	8.0	5	04/02/1965	2.5	H	J	CA FD 37
124NNJM	101.00	R	09/12/1961	89	8.0	100	09/12/1961	1.1	P	S	CA FD 38
125AQUI	95.00	R	03/24/1962	105	8.0	125	03/24/1962	1.2	P	S	CA FD 39
125AQUI	3.00	R	01/ /1966	--	--	--	--	--	U	--	CA FD 40
124NNJM	30.00	R	05/25/1966	32	6.0	65	05/25/1966	2.0	C	S	CA FD 41
124NNJM	25.00	R	05/01/1967	15	4.0	20	05/01/1967	1.3	H	J	CA FD 42
124PNPN	38.00	R	06/04/1967	10	4.0	20	06/04/1967	2.0	H	U	CA FD 43
124PNPN	25.00	R	12/12/1973	7	6.0	30	12/12/1973	4.3	H	S	CA FD 44
124PNPN	100.00	R	01/08/1975	10	6.0	25	01/08/1975	2.5	H	S	CA FD 45
124PNPN	96.25	S	04/07/1976	30	2.0	15	02/16/1976	0.5	H	S	CA FD 46
124PNPN	37.00	R	03/12/1976	31	2.0	20	03/12/1976	0.6	H	S	CA FD 47
124PNPN	23.00	R	02/25/1976	23	1.5	15	02/25/1976	0.6	H	S	CA FD 48
124PNPN	51.00	R	04/20/1976	57	1.0	12	04/20/1976	0.2	H	S	CA FD 49
124PNPN	112.84	S	06/01/1978	54	2.0	15	09/20/1976	0.3	U	--	CA FD 50
124PNPN	122.34	S	06/01/1978	50	2.0	20	09/29/1976	0.4	U	--	CA FD 51
124NNJM	92.77	S	06/01/1978	20	2.0	10	09/27/1976	0.5	U	--	CA FD 52
125AQUI	132.61	S	08/18/1978	72	24.0	201	11/18/1977	2.8	T	S	CA FD 53
125AQUI	152.46	S	11/02/1978	36	4.0	12	10/12/1978	0.3	U	--	CA FD 54
124PNPN	75.00	R	01/02/1980	22	1.0	35	01/02/1980	1.6	H	S	CA FD 55
124PNPN	60.00	R	02/04/1974	30	3.0	6	02/04/1974	0.2	H	S	CA FD 56
124PNPN	37.00	R	03/31/1978	23	4.0	35	03/31/1978	1.5	H	S	CA FD 57
124PNPN	68.00	R	07/20/1976	20	1.0	25	07/20/1976	1.2	H	S	CA FD 58
124PNPN	80.00	R	11/17/1974	6	6.0	25	11/17/1974	4.2	H	S	CA FD 59
124PNPN	80.00	R	10/04/1976	30	4.0	10	10/04/1976	0.3	H	S	CA FD 60
124PNPN	110.00	R	04/15/1976	32	2.0	7	04/15/1976	0.2	H	S	CA FD 61
124PNPN	120.00	R	04/08/1977	70	2.0	6	04/08/1977	0.1	H	S	CA FD 62
124PNPN	35.00	R	03/12/1979	15	4.0	30	03/12/1979	2.0	H	S	CA FD 63
124PNPN	37.00	R	09/21/1977	49	1.0	30	09/21/1977	0.6	C	S	CA FD 64
124PNPN	60.00	R	10/03/1979	23	2.0	30	10/03/1979	1.3	F	S	CA FD 65
--	--		--	--	--	--	--	--	U	--	CA FD 66
124PNPN	113.70	S	05/04/1979	--	10.0	20	04/ /1955	--	T	J	CA FD 67
--	3.00	R	04/22/1946	--	14.0	30	04/22/1946	--	H	U	CA FE 1
124NNJM	5.00	R	07/20/1946	12	12.0	20	07/20/1946	1.7	H	U	CA FE 2
124NNJM	145.00	R	04/15/1946	5	48.0	10	04/15/1946	2.0	H	U	CA FE 3
124NNJM	5.00	R	08/13/1946	10	12.0	20	08/13/1946	2.0	H	U	CA FE 4
124NNJM	5.00	R	08/09/1946	10	12.0	20	08/09/1946	2.0	H	U	CA FE 5
--	6.00	R	--	--	--	--	--	--	H	U	CA FE 6
124NNJM	6.00	R	1948	14	12.0	5	1948	0.4	H	U	CA FE 7
124NNJM	6.00	R	1948	14	12.0	10	1948	0.7	H	U	CA FE 8
124NNJM	6.00	R	1948	14	12.0	10	1948	0.7	H	U	CA FE 9
124NNJM	6.00	R	1948	14	12.0	10	1948	0.7	H	U	CA FE 10
124NNJM	6.00	R	1948	14	12.0	10	1948	0.7	H	U	CA FE 11
124NNJM	6.00	R	1948	14	12.0	10	1948	0.7	H	U	CA FE 12
124NNJM	6.00	R	1948	14	12.0	10	1948	0.7	H	U	CA FE 13

Table 2.—Selected well records from Calvert County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
CA FE 14	--	HAGELIN, G W	--	1919	100	68	--	--
CA FE 15	--	MCCAULLEY, T H	--	1951	5	--	--	1.5
CA FE 16	--	--	--	1951	4	--	--	--
CA FE 17	CA-65-0085	STOREY, EVELYN M	L RUDE & SON	1965	5	315	168	2.5
CA FE 18	CA-04-6865	CHESAPEAKE RANCH CO	PATUXENT PUMP & WELL	1962	125	657	30	5.3
CA FE 19	CA-73-0440	COLUMBIA LNG CORP	LAYNE-ATLANTIC	1974	113	700	120	8.0
CA FE 20	CA-73-0439	COLUMBIA LNG CORP	LAYNE-ATLANTIC	1974	114	703	110	8.0
CA FE 21	CA-73-0082	COLUMBIA LNG CORP	SHANNAHAN ART. WELL	1972	129	658	10	4.0
CA FE 22	CA-73-1386	USGS- COVE POINT	PATUXENT PUMP & WELL	1976	114	350	10	2.0
CA FE 23	CA-73-1371	COLUMBIA LNG CORP	FREEMAN DRILLING	1976	90	46	1	30.0
CA FE 24	CA-73-0593	SAWYERS, CLYDE	R WILLIAMS	1974	30	283	41	4.0
CA FE 25	CA-73-0162	PHILLIPS, WALTER L	T DENNIS	1973	5	274	24	2.0
CA FE 26	CA-73-0789	MACKLEWICZ, STEPHEN G	CZ ENTERPRISES	1974	135	485	230	4.0
CA FE 27	CA-73-1219	LLOYD, RALPH E	W WARD	1976	135	465	207	4.0
CA FE 28	CA-73-0317	JOHNSON, WILLIAM, D	W WARD	1973	10	325	230	4.0
CA FE 29	80-GEA-001	US DEPT OF ENERGY	VA POLYTECHNIC INST	1981	120	1660	--	--
CA GD 1	--	BEAVAN, G FRANCIS	L RUDE &SON	1944	12	275	--	1.5
CA GD 2	--	THOMAS, T V	--	--	13	250	--	1.5
CA GD 3	--	US NAVY (RECREATION CENTER)	WASH. PUMP & WELL	1942	19	247	13	6.0
CA GD 4	--	CALVERT MARINA	WASH. PUMP & WELL	1942	15	251	15	8.0
CA GD 5	--	CALVERT MARINA	WASH. PUMP & WELL	1942	10	248	15	8.0
CA GD 6	--	CALVERT MARINA	WASH. PUMP & WELL	1942	10	493	24	6.0
CA GD 7	--	US NAVY	LAYNE-ATLANTIC	1943	17	551	25	8.0
CA GD 8	CA-00-0177	HARRISON, MRS H	LEATHERBURY	1946	10	269	--	2.0
CA GD 9	CA-00-0244	WEBSTER, MRS SADIE	L RUDE & SON	1946	7	320	--	2.5
CA GD 10	CA-00-0597	DAVIS, MRS CLARENCE E	L RUDE & SON	1946	3	320	198	2.5
CA GD 11	--	ELLIOTT, MRS A J	L RUDE & SON	--	14	285	--	--
CA GD 12	--	CHES BIOL RESEARCH LAB	--	1931	14	320	--	3.0
CA GD 13	--	LANGLEY, T R	--	1902	4	--	--	--
CA GD 14	CA-00-0432	WAGGARMAN, T E	L RUDE & SON	1946	11	320	--	2.5
CA GD 15	CA-00-0433	WOODBURN, PRESTON	L RUDE & SON	1946	13	320	219	3.5
CA GD 16	--	CALVERT ICE CO	WASH. PUMP & WELL	1943	5	505	10	6.0
CA GD 17	CA-00-0784	WOODBURN, MRS MAMIE	L RUDE & SON	1946	8	350	228	2.5
CA GD 18	CA-00-0785	WOODBURN, BENJAMIN	L RUDE & SON	1946	8	320	194	2.5
CA GD 19	CA-00-0788	HILL, ALFRED	L RUDE & SON	1946	8	320	195	2.5
CA GD 20	--	BEAVAN, G FRANCIS	--	1944	15	13	--	--
CA GD 21	CA-00-1456	LORE, KENNETH	L RUDE & SON	1947	4	334	208	2.5
CA GD 22	--	EXXON CORP	--	1947	1	320	--	3.0
CA GD 23	CA-00-1523	OLSEN, RUPERT	L RUDE & SON	1947	13	315	189	2.5
CA GD 24	--	METHODIST-EPISCOPAL PARSONAGE	W WARD	1947	13	240	--	--
CA GD 25	CA-00-2600	CARY, GEORGE	L RUDE & SON	1948	8	315	147	2.5
CA GD 26	--	US NAVY (RECREATION CENTER)	L RUDE & SON	1938	13	320	140	2.5
CA GD 27	--	DAVIS, EDNA	--	--	1	224	--	1.5
CA GD 28	--	J C WEBSTER'S STORE	L RUDE & SON	--	2	--	--	--
CA GD 29	--	REKAR'S HOTEL	L RUDE & SON	--	2	--	--	--
CA GD 30	CA-00-3137	LORE, JOSEPH	L RUDE & SON	1948	5	315	147	3.5
CA GD 31	--	WOODBURN, PRESTON	--	--	13	--	--	--
CA GD 32	--	WOODBURN, PRESTON	--	--	13	10	--	--
CA GD 33	CA-00-3138	CONDIFF, GEORGE	L RUDE & SON	1948	10	315	147	2.5
CA GD 34	CA-00-3128	DRUM POINT BEACH COOPERATIVE	WASH. PUMP & WELL	1949	30	285	11	7.5
CA GD 35	--	DRUM POINT BEACH COOPERATIVE	--	--	40	18	--	--
CA GD 36	--	US NAVY (RECREATION CENTER)	WASH. PUMP & WELL	1944	9	505	13	6.0
CA GD 37	CA-00-2601	LANKFORD, B P	L RUDE & SON	1948	13	315	194	3.5
CA GD 38	--	US NAVY (RECREATION CENTER)	--	--	10	--	--	1.5
CA GD 39	--	US NAVY (RECREATION CENTER)	--	--	8	--	--	--
CA GD 40	--	GLASCOCK, S E	L RUDE & SON	1951	18	315	--	2.0
CA GD 41	--	LANGLEY, WILLIAM	L RUDE & SON	1951	15	315	--	2.5
CA GD 42	--	ABBOTT, R B	L RUDE & SON	1951	5	320	--	2.5
CA GD 43	--	TAYLOR	--	--	33	--	--	3.0
CA GD 44	--	GLASCOCK, W B	L RUDE & SON	1951	5	320	--	2.5
CA GD 45	CA-05-7722	LORE, G RUPERT	L RUDE & SON	1964	10	280	154	4.0
CA GD 46	CA-04-6864	CHES BIOL RESEARCH LAB	PATUXENT PUMP & WELL	1962	10	245	10	5.0
CA GD 47	CA-67-0009	TONGUE, HOWARD	L RUDE & SON	1966	10	262	136	2.5
CA GD 48	CA-73-1126	EL PASO-ALGERIA CORP	SYDNOR HYDRODYNAMICS	1975	17	537	81	5.0
CA GD 49	CA-73-1372	CHES BIOL RESEARCH LAB	FRANKS WELL DRILLING	1976	10	270	10	4.0
CA GD 50	CA-73-0294	MARTIN, JULIUS H	H H BUNKER & SONS	1973	15	240	5	2.0
CA GD 51	CA-66-0105	ZAHNHISER, A W	L RUDE & SON	1966	5	275	103	4.0
CA GD 52	CA-73-0052	GLASCOCK, BEDFORD	PATUXENT PUMP & WELL	1972	10	260	20	2.0
CA GD 53	CA-73-1209	COOPER, ERNST	CALVERT WELL DRILLING	1976	15	256	10	1.2
CA GD 54	CA-71-0136	SHEPHERDS MARINA	L RUDE & SON	1971	10	260	130	4.0
CA GD 55	CA-73-0916	LANGLEY, HARRY L	W WARD	1975	15	345	133	4.0
CA GD 56	CA-73-0292	HALL, JAMES T	L RUDE & SON	1973	22	294	164	2.5
CA GD 57	CA-73-0237	GRANT, PETER C	L RUDE & SON	1973	45	315	185	2.5
CA GD 58	CA-01-1102	DRUM POINT BEACH COOPERATIVE	L RUDE & SON	1953	5	315	195	5.0
CA GE 1	CA-73-0811	PENCE, MEDFORD	CZ ENTERPRISES	1974	23	305	21	2.0

Table 2.—Selected well records from Calvert County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
112PLSC	63.93	S	05/20/1949	--	--	--	--	--	H	B	CA FE 14
124NNJM	5.17	S	04/25/1951	--	--	--	--	--	H	Z	CA FE 15
124NNJM	4.41	S	05/02/1951	--	--	--	--	--	H	--	CA FE 16
124PNPN	10.00	R	03/16/1965	95	3.0	20	03/16/1965	0.2	H	J	CA FE 17
125AQUI	128.00	R	06/22/1962	160	12.0	100	06/22/1962	0.6	P	S	CA FE 18
125AQUI	139.50	R	10/17/1974	112	48.0	351	10/17/1974	3.1	N	U	CA FE 19
125AQUI	134.17	R	10/17/1974	139	8.0	351	10/17/1974	2.5	N	U	CA FE 20
125AQUI	146.00	R	11/29/1972	54	10.0	9	11/29/1972	0.2	N	S	CA FE 21
124PNPN	111.00	R	06/10/1976	239	2.0	0	06/10/1976	0.0	U	--	CA FE 22
110QRNR	25.00	R	02/13/1976	5	1.0	5	02/13/1976	1.0	N	U	CA FE 23
124PNPN	30.00	R	07/19/1974	14	7.0	12	07/19/1974	0.9	H	S	CA FE 24
124PNPN	5.00	R	07/20/1973	--	2.0	15	07/20/1973	--	H	S	CA FE 25
124PNPN	134.60	S	04/05/1979	37	4.0	10	12/04/1974	0.3	H	S	CA FE 26
124PNPN	133.00	R	04/21/1976	17	4.0	18	04/21/1976	1.1	H	S	CA FE 27
124PNPN	8.00	R	09/29/1973	22	4.0	40	09/29/1973	1.8	H	S	CA FE 28
--	--		--	--	--	--	--	--	U	--	CA FE 29
124PNPN	29.45	S	09/25/1944	--	--	--	--	--	H	Z	CA GD 1
124NNJM	33.45	S	09/25/1944	--	--	--	--	--	H	Z	CA GD 2
124NNJM	20.00	R	06/19/1942	50	--	50	06/09/1942	1.0	T	T	CA GD 3
124PNPN	20.00	R	1942	65	--	120	1942	1.8	C	T	CA GD 4
124PNPN	30.19	S	06/14/1977	70	--	110	1942	1.6	C	S	CA GD 5
125AQUI	48.84	S	06/14/1977	75	--	150	01/13/1944	2.0	U	--	CA GD 6
125AQUI	17.00	R	02/02/1943	83	--	200	02/02/1943	2.4	C	C	CA GD 7
124NNJM	25.00	R	01/25/1946	11	16.0	5	01/25/1946	0.4	H	U	CA GD 8
124NNJM	16.00	R	05/03/1946	3.0	14.0	10	05/03/1946	3.3	H	U	CA GD 9
124NNJM	15.00	R	08/23/1946	--	12.0	25	08/23/1946	--	H	U	CA GD 10
--	--		--	--	--	--	--	--	H	U	CA GD 11
124NNJM	34.00	R	1931	--	--	--	--	--	H,T	U	CA GD 12
124NNJM	0.00	R	06/18/1946	--	--	--	--	--	C	U	CA GD 13
124NNJM	23.00	R	08/19/1946	--	12.0	25	08/19/1946	--	H	J	CA GD 14
124NNJM	22.00	R	08/27/1946	--	12.0	25	08/27/1946	--	H	J	CA GD 15
125AQUI	23.00	R	12/02/1943	127	--	60	12/02/1943	0.5	C	T	CA GD 16
125AQUI	21.00	R	09/08/1946	--	12.0	25	09/08/1946	--	H	J	CA GD 17
124NNJM	21.00	R	09/20/1946	--	12.0	25	09/20/1946	--	H	U	CA GD 18
124NNJM	19.00	R	08/30/1946	--	12.0	25	08/30/1946	--	H	U	CA GD 19
112PLSC	13.90	S	04/23/1947	--	--	--	--	--	U	--	CA GD 20
124NNJM	30.00	R	05/20/1947	--	12.0	15	05/20/1947	--	H	U	CA GD 21
124PNPN	18.37	S	05/20/1947	--	--	--	--	--	C	Z	CA GD 22
124NNJM	30.00	R	05/30/1947	--	12.0	25	05/30/1947	--	H	J	CA GD 23
124NNJM	--		--	--	--	--	--	--	--	U	CA GD 24
124NNJM	22.00	R	1948	--	12.0	20	1948	--	H	U	CA GD 25
124NNJM	17.70	R	11/28/1950	--	--	--	--	--	U	--	CA GD 26
124NNJM	14.74	S	05/23/1946	--	--	--	--	--	U	--	CA GD 27
--	--		--	--	--	--	--	--	C	--	CA GD 28
--	--		--	--	--	--	--	--	C	--	CA GD 29
124NNJM	16.00	R	1948	--	--	50	1948		C	U	CA GD 30
--	--		--	--	--	--	--	--	U	--	CA GD 31
112PLSC	--		--	--	--	--	--	--	--	U	CA GD 32
124NNJM	27.00	R	1948	--	12.0	20	1948	--	H	J	CA GD 33
124NNJM	45.00	R	05/10/1949	115	12.0	180	05/10/1949	1.6	P	P	CA GD 34
112PLSC	13.21	S	05/20/1949	--	--	--	--	--	U	--	CA GD 35
125AQUI	--		--	--	--	--	--	--	U	T	CA GD 36
124NNJM	25.00	R	1948	--	12.0	30	1948	--	H	U	CA GD 37
--	--		--	--	--	--	--	--	U	--	CA GD 38
--	--		--	--	--	--	--	--	--	--	CA GD 39
124NNJM	24.84	S	05/01/1951	--	--	--	--	--	H	--	CA GD 40
124NNJM	22.55	S	05/01/1951	--	--	--	--	--	H	--	CA GD 41
124NNJM	16.86	S	05/02/1951	--	--	--	--	--	H	--	CA GD 42
124NNJM	37.38	S	05/05/1951	--	--	--	--	--	H	P	CA GD 43
125AQUI	21.13	S	10/23/1951	--	--	--	--	--	H	--	CA GD 44
124PNPN	20.00	R	1964	106	8.0	50	1964	0.5	C	U	CA GD 45
124PNPN	30.00	R	05/15/1962	25	9.0	66	05/15/1962	2.6	T	S	CA GD 46
124PNPN	20.00	R	07/26/1966	106	4.0	30	07/26/1966	0.3	H	J	CA GD 47
125AQUI	60.40	S	05/30/1979	37	24.0	100	12/15/1975	2.7	N	S	CA GD 48
124PNPN	35.00	R	10/29/1976	70	8.0	86	10/29/1976	1.2	T	S	CA GD 49
124PNPN	35.00	R	11/23/1973	55	2.0	20	11/23/1973	0.4	H	S	CA GD 50
124PNPN	15.00	R	05/23/1966	153	5.0	50	05/23/1966	0.3	C	S	CA GD 51
124PNPN	34.00	R	09/21/1972	56	3.0	40	09/21/1972	0.7	C	S	CA GD 52
124PNPN	28.00	R	04/29/1976	23	1.0	30	04/29/1976	1.3	H	S	CA GD 53
124PNPN	20.00	R	06/11/1971	106	10.0	50	06/11/1971	0.5	C	S	CA GD 54
124PNPN	36.00	R	05/22/1975	10	6.0	30	05/22/1975	3.0	H	S	CA GD 55
124PNPN	35.00	R	09/28/1973	91	4.0	30	09/28/1973	0.3	H	J	CA GD 56
124PNPN	55.00	R	10/05/1973	92	3.0	25	10/05/1973	0.3	H	J	CA GD 57
124PNPN	18.24	S	08/10/1979	--	8.0	60	03/04/1953	--	R	J	CA GD 58
124PNPN	45.35	S	05/14/1976	14	5.0	15	12/10/1974	1.1	H	S	CA GE 1

Table 3.—Selected well records from St. Mary's County, Md.

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM AB 1	SM-65-0110	MODERN RESTAURANT	PATUXENT PUMP & WELL	1964	170	507	15	3.0
SM AB 2	SM-73-2283	MCGHEE, J A	PATUXENT PUMP & WELL	1977	185	440	20	2.0
SM AB 3	SM-73-1152	CHADWICK, KENT	L WOOSTER	1974	185	530	15	2.0
SM AB 4	SM-73-3130	DENISON, WAYNE	PATUXENT PUMP & WELL	1978	160	520	20	2.0
SM AC 1	SM-73-2265	DEWILL INC	L WOOSTER	1977	140	438	15	2.0
SM AC 2	SM-73-3541	BURROUGHS, JOHN	PATUXENT PUMP & WELL	1979	160	544	20	2.0
SM AC 3	SM-73-2798	CAVANAUGH, JOHN	PATUXENT PUMP & WELL	1978	70	460	15	2.0
SM BB 1	--	DYSON, E V	--	1933	170	13	--	120.0
SM BB 2	--	US NAVY	--	--	170	11	--	48.0
SM BB 3	--	DYSON, E V	--	--	170	10	--	60.0
SM BB 4	SM-00-1393	NORMAN, H L	F HAGMANN	1947	176	480	10	6.0
SM BB 5	--	THOMPSON, H C	--	1932	180	21	--	36.0
SM BB 6	--	WILLARD, A F	WASH. PUMP & WELL	--	174	--	--	6.0
SM BB 7	--	--	--	1949	180	17	--	36.0
SM BB 8	--	CHARLOTTE HALL VETERANS HOME	--	--	165	--	--	--
SM BB 9	SM-00-7463	MECHANICSVILLE ELEM SCH	WASH. PUMP & WELL	1951	165	480	11	5.5
SM BB 10	--	OLD REDGATE SCHOOL	--	--	180	30	--	--
SM BB 11	--	STOLTZFUSS, BENJAMIN	--	--	165	25	--	40.0
SM BB 12	SM-65-0187	FOWLER, HENRY J	PATUXENT PUMP & WELL	1965	165	487	15	3.0
SM BB 13	SM-65-0160	LONGOBARDI, A J	R LEATHERBURY	1965	170	350	50	1.2
SM BB 14	SM-67-0127	STONE, ALMA	PATUXENT PUMP & WELL	1966	170	503	15	2.0
SM BB 15	SM-73-3430	USGS-CHARLOTTE HALL	CALVERT WELL DRILLING	1979	170	460	10	2.0
SM BB 16	SM-73-0289	PATT	PATUXENT PUMP & WELL	1973	168	540	20	2.0
SM BB 17	SM-73-1012	FERRALL	R LEATHERBURY	1974	168	450	20	2.0
SM BB 18	SM-69-0120	BURROUGHS, BEN (EASY WASH)	PATUXENT PUMP & WELL	1968	164	470	25	2.0
SM BB 19	SM-66-0195	BURROUGHS, BEN (EASY WASH)	PATUXENT PUMP & WELL	1966	162	480	15	3.0
SM BB 20	SM-73-1822	BRIDGETT, LESTER	J J PAYNE & SONS	1976	170	520	20	2.0
SM BB 21	SM-73-3604	I. M DENT ELEM SCHOOL	SHANNAHAN ART. WELL	1980	160	471	10	5.0
SM BB 22	SM-73-3787	USGS-CHARLOTTE HALL	CALVERT WELL DRILLING	1980	170	218	8	2.0
SM BB 23	SM-73-3019	SWANN, JOSEPH	J HUGHES	1978	165	540	15	2.0
SM BB 24	SM-73-2923	LONGOBARDI, ALFRED	PATUXENT PUMP & WELL	1978	180	550	20	2.0
SM BB 25	SM-73-3516	WILLIAMS, LARRY	J J PAYNE & SONS	1979	180	545	15	2.0
SM BC 1	SM-00-1923	FOWLER, HOLMES	WASH. PUMP & WELL	1947	165	470	10	6.0
SM BC 2	SM-00-2034	COLEMAN, M M	J WILSON	1947	3	336	20	1.5
SM BC 3	SM-00-2035	COLEMAN, M M	J WILSON	1947	4	336	20	1.5
SM BC 4	--	PARLETT, D L	WASH. PUMP & WELL	1941	85	430	--	6.0
SM BC 5	--	CURTIS, LLOYD O	--	--	5	11	--	36.0
SM BC 6	--	LYLES, ED	--	--	125	32	--	40.0
SM BC 7	--	EVANS, LEO	--	1930	150	25	--	36.0
SM BC 8	--	PARLETT, R	--	--	25	22	--	48.0
SM BC 9	--	CUSIC, J QUINCY	--	--	140	15	--	24.0
SM BC 10	--	OLD MECHANICSVILLE SCHOOL	--	--	155	--	--	36.0
SM BC 11	--	HARPER, L	--	1920	10	26	--	36.0
SM BC 12	SM-00-8096	DAVIS, PHILIP	J J PAYNE & SONS	1951	18	357	20	1.5
SM BC 13	SM-00-8097	MATTINGLY, JACK	J J PAYNE & SONS	1951	5	352	20	1.5
SM BC 14	SM-65-0188	GRIFFIN, TRUMAN G	J J PAYNE & SONS	1965	12	357	20	1.5
SM BC 15	SM-65-0189	PERRUSO, JERRY	J J PAYNE & SONS	1965	9	354	20	1.5
SM BC 16	SM-65-0169	MD NATL BANK	SHANNAHAN ART. WELL	1965	160	494	11	3.0
SM BC 17	SM-65-0212	SMITH, ALLEN	R LEATHERBURY	1966	10	225	33	1.2
SM BC 18	SM-67-0122	BURKE, JOHN	J J PAYNE & SONS	1967	40	372	20	1.5
SM BC 19	SM-73-0319	NELSON, J C	R LEATHERBURY	1973	95	430	15	2.0
SM BC 20	SM-73-1258	ST MARYS CO MET COMM	R LEATHERBURY	1974	125	480	20	4.0
SM BC 21	SM-73-0834	HENRIQUES, ANTONIO	PATUXENT PUMP & WELL	1974	170	450	20	2.0
SM BC 22	SM-73-0300	DAIGLE	J J PAYNE & SONS	1973	92	470	20	2.0
SM BC 23	SM-73-1565	LYONS, PAUL	PATUXENT PUMP & WELL	1975	28	360	20	2.0
SM BC 24	SM-73-1779	SYDNOR	CALVERT WELL DRILLING	1976	115	465	20	2.0
SM BC 25	SM-73-0308	MD QUAL HOMES	R LEATHERBURY	1973	150	412	15	2.0
SM BC 26	SM-73-2489	MECHANICSVILLE MOOSE LODGE	J J PAYNE & SONS	1977	170	483	20	2.0
SM BC 27	SM-73-1286	LONG, SAMUEL	J J PAYNE & SONS	1975	169	500	20	2.0
SM BC 28	SM-73-2069	COPSEY, FRANK	PATUXENT PUMP & WELL	1976	133	476	20	2.0
SM BC 29	SM-73-3342	RALEY, CARL	J J PAYNE & SONS	1979	130	485	15	2.0
SM BC 30	SM-73-2502	ST MARYS CO MET COMM	R LEATHERBURY	1978	170	560	20	4.0
SM BD 1	--	DAVIDSON, H C	WASH. PUMP & WELL	1939	113	350	--	6.0
SM BD 2	--	COLEMAN, M M	J WILSON	1927	10	340	--	--
SM BD 3	SM-00-3266	GUYTHER, J ROY	J J PAYNE & SONS	1948	3	230	--	1.5
SM BD 4	--	DAVIDSON, H C	--	1945	14	11	--	42.0
SM BD 5	SM-00-7515	STOREY, MARTIN	J J PAYNE & SONS	1951	8	252	--	1.5
SM BD 6	SM-73-3318	BUCKLER, BRYAN	J J PAYNE & SONS	1979	140	490	15	2.0
SM BD 7	SM-73-3511	B&B REALTY	PATUXENT PUMP & WELL	1979	70	420	14	2.0
SM BD 8	SM-73-1287	MORGAN, WILLIAM	J J PAYNE & SONS	1975	10	355	20	1.0
SM BD 9	SM-73-0246	BUCKLER, WILLIAM	PATUXENT PUMP & WELL	1973	130	475	20	2.0
SM CA 1	--	MORELAND, R H	--	1930	17	257	--	2.0
SM CA 2	--	LONG, C	--	--	40	27	--	36.0
SM CA 3	SM-05-3849	BRAZELTON, TERRY	J J PAYNE & SONS	1963	115	372	20	1.5

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
125AQUI	160.00	R	12/07/1964	20	4.0	40	12/07/1964	2.0	C	S	SM AB 1
125AQUI	130.00	R	05/26/1977	70	3.0	20	05/26/1977	0.3	H	S	SM AB 2
125AQUI	146.00	S	10/24/1974	49	4.0	25	10/24/1974	0.5	H	S	SM AB 3
125AQUI	135.00	R	10/23/1978	55	4.0	20	10/23/1978	0.4	H	S	SM AB 4
125AQUI	123.00	R	03/01/1977	37	6.0	25	03/01/1977	0.7	H	S	SM AC 1
125AQUI	130.00	R	11/05/1979	60	3.0	25	11/05/1979	0.4	H	S	SM AC 2
125AQUI	70.00	R	03/14/1978	90	4.0	20	03/14/1978	0.2	H	S	SM AC 3
112PLSC	5.00	S	01/17/1947	--	--	25	1946	--	C	P	SM BB 1
112PLSC	4.86	S	03/06/1947	--	--	--	--	--	U	Z	SM BB 2
112PLSC	4.52	S	03/17/1947	--	--	--	--	--	U	--	SM BB 3
125AQUI	144.20	S	05/09/1951	35	8.0	50	--	1.4	S	T	SM BB 4
112PLSC	15.60	S	07/19/1949	--	--	--	--	--	H	B	SM BB 5
125AQUI	137.25	S	05/15/1951	--	--	--	--	--	U	P	SM BB 6
112PLSC	12.55	S	07/19/1949	--	--	--	--	--	H	B	SM BB 7
112PLSC	--		--	--	--	--	--	--	T	U	SM BB 8
125AQUI	149.14	S	04/13/1951	67	12.0	60	04/11/1951	0.9	T	U	SM BB 9
112PLSC	--		--	--	--	--	--	--	T	P	SM BB 10
112PLSC	21.00	R	--	--	--	--	--	--	H	Z	SM BB 11
125AQUI	160.00	R	05/14/1965	50	5.0	60	05/14/1965	1.2	H	S	SM BB 12
124NNJM	180.00	R	04/26/1965	6	2.0	5	04/26/1965	0.8	H	J	SM BB 13
125AQUI	105.00	R	12/16/1966	95	4.0	15	12/16/1966	0.2	H	S	SM BB 14
125AQUI	162.26	S	08/31/1979	22	3.0	30	07/16/1979	1.4	U	--	SM BB 15
125AQUI	163.00	S	10/12/1978	50	3.0	15	06/11/1973	0.3	H	S	SM BB 16
125AQUI	158.38	S	10/16/1978	6	2.0	2	12/10/1974	0.3	H	S	SM BB 17
125AQUI	120.20	S	11/01/1978	55	5.0	30	11/02/1968	0.5	C	S	SM BB 18
125AQUI	157.93	S	08/24/1978	70	6.0	50	06/16/1966	0.7	C	S	SM BB 19
125AQUI	153.99	S	09/21/1978	32	4.0	20	04/12/1976	0.6	H	S	SM BB 20
125AQUI	167.00	R	12/12/1980	18	24.0	31	12/12/1980	1.7	T	S	SM BB 21
124PNPN	135.00	R	06/27/1980	22	1.0	1	06/27/1980	0.0	U	--	SM BB 22
125AQUI	150.00	R	09/15/1978	20	8.0	14	09/15/1978	0.7	H	S	SM BB 23
125AQUI	169.00	R	06/21/1978	38	3.0	20	06/21/1978	0.5	H	S	SM BB 24
125AQUI	180.00	R	11/02/1979	50	4.0	30	11/02/1979	0.6	H	S	SM BB 25
125AQUI	150.00	R	11/17/1947	30	12.0	20	11/17/1947	0.7	H	T	SM BC 1
125AQUI	--	R F	11/05/1947	--	--	4	05/ /1949	--	H	--	SM BC 2
125AQUI	--	R F	11/07/1947	--	--	8	05/ /1949	--	H	--	SM BC 3
125AQUI	85.00	R	1941	--	--	--	--	--	H	T	SM BC 4
112PLSC	8.50	S	07/25/1949	--	--	--	--	--	S	--	SM BC 5
112PLSC	25.50	S	07/25/1949	--	--	--	--	--	H	--	SM BC 6
112PLSC	19.00	S	07/25/1949	--	--	--	--	--	H	--	SM BC 7
112PLSC	12.70	S	07/25/1949	--	--	--	--	--	H,S	Z	SM BC 8
112PLSC	13.30	S	07/25/1949	--	--	--	--	--	H	B	SM BC 9
112PLSC	17.65	S	08/16/1949	--	--	--	--	--	T	Z	SM BC 10
112PLSC	22.40	S	08/16/1949	--	--	--	--	--	H	--	SM BC 11
125AQUI	--	S F	07/02/1951	15	2.0	7	06/21/1951	0.5	H	U	SM BC 12
125AQUI	14.85+	S	07/09/1951	12	2.0	10	06/26/1951	0.8	H	--	SM BC 13
125AQUI	0.00	R	05/05/1965	40	3.0	10	05/05/1965	0.3	H	J	SM BC 14
125AQUI	1.00	S	04/16/1966	40	3.0	10	05/07/1965	0.3	H	--	SM BC 15
125AQUI	145.80	S	04/19/1966	22	8.0	14	04/26/1965	0.6	C	S	SM BC 16
125AQUI	1.00	R	03/16/1966	19	3.0	7	03/16/1966	0.4	H	J	SM BC 17
125AQUI	18.00	S	11/23/1966	24	3.0	8	11/23/1966	0.3	H	U	SM BC 18
125AQUI	75.00	R	03/30/1973	20	1.5	20	03/30/1973	1.0	H	S	SM BC 19
125AQUI	113.00	S	08/08/1978	23	20.0	200	12/20/1974	8.7	P	S	SM BC 20
125AQUI	145.00	R	05/09/1974	65	3.0	20	05/09/1974	0.3	H	S	SM BC 21
125AQUI	94.99	S	10/12/1978	46	3.0	20	04/03/1973	0.4	H	S	SM BC 22
125AQUI	29.79	S	10/16/1978	80	3.0	15	09/19/1975	0.2	H	S	SM BC 23
125AQUI	117.46	S	08/31/1978	50	2.0	18	05/13/1976	0.4	H	S	SM BC 24
125AQUI	140.00	R	07/24/1973	15	2.0	6	07/24/1973	0.4	H	S	SM BC 25
125AQUI	165.30	S	08/21/1978	9	4.0	30	09/19/1977	3.3	T	S	SM BC 26
125AQUI	160.36	S	05/24/1979	30	3.0	25	03/03/1975	0.8	H	S	SM BC 27
125AQUI	130.26	S	08/31/1978	33	3.0	25	09/25/1976	0.8	H	S	SM BC 28
125AQUI	147.00	R	06/18/1979	21	3.0	20	06/18/1979	1.0	H	S	SM BC 29
125AQUI	146.00	R	08/10/1978	62	72.0	80	08/10/1978	1.3	P	S	SM BC 30
125AQUI	--	F	01/17/1947	--	--	35	--	--	S	Z	SM BD 1
125AQUI	12.00	R	--	--	--	--	--	--	H	--	SM BD 2
124NNJM	0.00	R	10/19/1948	9	2.0	6	10/19/1948	0.7	H	J	SM BD 3
112PLSC	8.50	S	06/28/1949	--	--	--	--	--	S	Z	SM BD 4
124NNJM	4.45+	S	07/09/1951	16	3.0	8	03/13/1951	0.5	H	--	SM BD 5
125AQUI	150.00	R	04/17/1979	18	3.0	30	04/17/1979	1.7	H	S	SM BD 6
125AQUI	65.00	R	09/14/1979	45	3.0	30	09/14/1979	0.7	H	S	SM BD 7
125AQUI	10.00	R	01/24/1975	9	3.0	10	01/24/1975	1.1	H	S	SM BD 8
125AQUI	95.00	R	02/15/1973	45	3.0	30	02/15/1973	0.7	H	S	SM BD 9
125AQUI	4.76	S	07/09/1951	--	--	--	--	--	H,S	Z	SM CA 1
112PLSC	25.10	S	09/13/1949	--	--	--	--	--	H	--	SM CA 2
125AQUI	75.00	R	09/17/1963	25	4.0	8	09/17/1963	0.3	H	J	SM CA 3

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM CA 4	SM-67-0251	WASHINGTON, J T	J J PAYNE & SONS	1967	10	289	20	1.5
SM CA 5	SM-73-0438	SO MD UTILITY CORP	SYDNOR HYDRODYNAMICS	1973	139	650	40	6.0
SM CA 6	SM-73-2628	DAVIS, LEONARD B	J J PAYNE & SONS	1977	140	495	20	2.0
SM CA 7	SM-73-1471	MCDANIELS, JEAN	PATUXENT PUMP & WELL	1975	10	354	20	2.0
SM CA 8	SM-73-0385	DREW, BEN	PATUXENT PUMP & WELL	1973	10	350	20	2.0
SM CB 1	--	REEVES, S S	J WILSON	1937	10	350	8	1.5
SM CB 2	SM-00-0748	MATTINGLY, S S	J J PAYNE & SONS	1946	12	300	20	1.5
SM CB 3	SM-00-1967	DAVIS, E F	J WILSON	1947	18	315	20	1.5
SM CB 4	SM-00-2446	LORETTA CHAPEL CATH CHURCH	J WILSON	1948	40	350	20	1.5
SM CB 5	SM-00-1874	DAVIS, D H	J WILSON	1947	100	412	20	1.5
SM CB 6	--	WILSON, B	--	--	110	28	--	36.0
SM CB 7	--	FOWLER, HOLMES	--	--	120	33	--	42.0
SM CB 8	--	NELSON, LUCY	--	1948	125	15	--	40.0
SM CB 9	--	KNOTT, BRYAN	--	1935	125	26	--	36.0
SM CB 10	--	BAKER, T	--	1948	148	25	--	36.0
SM CB 11	--	OLD BUDDS CREEK SCHOOL	--	--	130	20	--	36.0
SM CB 12	--	HERBERT, A J	--	1949	110	29	--	36.0
SM CB 13	--	VANWERT	--	--	165	28	--	36.0
SM CB 14	--	YOWALSKI, E W	--	--	22	300	--	--
SM CB 15	SM-00-6756	STEMBLER, WILLIAM F	J J PAYNE & SONS	1950	22	291	20	1.5
SM CB 16	SM-05-4200	SIMPSON, W L	J J PAYNE & SONS	1963	100	378	20	2.0
SM CB 17	SM-04-8322	PILKERTON, W FAIRFAX	J J PAYNE & SONS	1962	125	441	20	1.5
SM CB 18	SM-73-1874	ST MARYS CO MET COMM	R LEATHERBURY	1976	75	380	30	2.0
SM CB 19	SM-73-1873	ST MARYS CO MET COMM	R LEATHERBURY	1976	80	380	30	4.0
SM CB 20	--	ST MARYS CO MET COMM	--	--	80	--	--	--
SM CB 21	SM-73-3121	SCHUHART, JOHN	J J PAYNE & SONS	1978	15	314	20	1.0
SM CB 22	SM-73-1498	RICHARDSON, LILYMAE	J J PAYNE & SONS	1975	10	280	20	1.0
SM CB 23	SM-73-0973	DAVIS, KENNETH	J J PAYNE & SONS	1974	121	410	20	2.0
SM CB 24	SM-73-2419	OLIVER, ROGER L	PATUXENT PUMP & WELL	1977	155	509	20	2.0
SM CB 25	SM-73-2654	HARDESTY, JOHN	R LEATHERBURY	1977	170	480	20	2.0
SM CB 26	SM-73-1803	FASTNAUGHT, ROBERT E	FRANKS WELL DRILLING	1976	125	455	10	2.0
SM CB 27	SM-73-3776	SYDNOR, ROLAND	J J PAYNE & SONS	1980	110	405	15	2.0
SM CB 28	SM-73-2504	HALL, MICHAEL W	PATUXENT PUMP & WELL	1977	135	433	20	2.0
SM CC 1	--	DICKERSON, LORETTA	--	--	160	25	--	36.0
SM CC 2	--	JOHNSON, J C	--	--	110	24	--	36.0
SM CC 3	--	DIXON, D T	--	1948	138	8	--	36.0
SM CC 4	--	BULLECK, RICHARD	--	--	160	18	--	48.0
SM CC 5	--	YOUNG, H	--	--	135	18	--	48.0
SM CC 6	--	DIXON, D T	--	1948	135	27	--	36.0
SM CC 7	SM-65-0197	VALLANDINGHAM, A	J J PAYNE & SONS	1965	125	441	20	1.5
SM CC 8	SM-05-3184	C SPALDING ELEM SCHOOL	PATUXENT PUMP & WELL	1963	120	455	15	5.2
SM CC 9	SM-66-0207	WATHEN, GEORGE	J J PAYNE & SONS	1966	125	460	20	1.5
SM CC 10	SM-03-9450	JOHNSON, L B	J J PAYNE & SONS	1960	115	432	20	1.5
SM CC 11	SM-02-4436	M BRENT MIDDLE SCHOOL	SHANNAHAN ART. WELL	1956	125	473	10	6.0
SM CC 12	--	M BRENT MIDDLE SCHOOL	--	--	125	43	--	42.0
SM CC 13	SM-73-1966	WILLIAMS, RICHARD	PATUXENT PUMP & WELL	1976	154	450	10	2.0
SM CC 14	SM-73-1795	BEACH, K F	PATUXENT PUMP & WELL	1976	132	457	20	2.0
SM CC 15	SM-73-1431	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1975	157	545	30	5.0
SM CC 16	SM-73-1959	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1977	157	555	30	3.0
SM CC 17	SM-73-2564	BUCKLER, HORACE	PATUXENT PUMP & WELL	1977	142	506	20	2.0
SM CC 18	SM-71-0064	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1970	142	482	15	1.0
SM CC 19	SM-73-0699	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1974	130	560	20	5.0
SM CC 20	SM-73-1438	PILKERTON, RICHARD	L WOOSTER	1975	130	456	15	2.0
SM CC 21	SM-73-0273	HICKS, MARGARET	PATUXENT PUMP & WELL	1973	148	482	20	2.0
SM CC 22	SM-73-1642	GUY, ROBERT L	J J PAYNE & SONS	1975	133	470	20	2.0
SM CC 23	SM-73-1119	WATHEN, JOHN F	J J PAYNE & SONS	1974	143	480	20	2.0
SM CC 24	SM-73-3313	FORTNEY, CHARLES	PATUXENT PUMP & WELL	1979	125	460	20	2.0
SM CC 25	SM-73-3707	FREEMAN, JOHN	CALVERT WELL DRILLING	1980	140	542	10	2.0
SM CC 26	SM-73-2031	WAYBRIGHT, JAMES	PATUXENT PUMP & WELL	1976	130	460	20	2.0
SM CD 1	SM-00-2536	N C HINES & SONS	J J PAYNE & SONS	1948	10	230	--	1.5
SM CD 2	SM-00-3220	EASTBURN, W J	J J PAYNE & SONS	1948	10	231	--	1.5
SM CD 3	SM-00-3060	PLUGGE, CAMPBELL H	J J PAYNE & SONS	1948	4	230	--	1.5
SM CD 4	SM-00-2960	PARKMAN, R B	J J PAYNE & SONS	1948	3	240	--	1.5
SM CD 5	--	KING	--	--	80	29	--	40.0
SM CD 6	--	JOY, SHERMAN	--	1943	130	42	--	36.0
SM CD 7	--	ROGERS TAVERN	--	1946	130	15	--	36.0
SM CD 8	--	KNIGHT, F N	--	1945	140	18	--	36.0
SM CD 9	--	PLUGGE, CAMPBELL	--	--	30	27	--	48.0
SM CD 10	--	DORSEY, PHIL	--	--	140	20	--	50.0
SM CD 11	--	HINES, N C	--	--	100	45	--	48.0
SM CD 12	--	OWENS, FREEMAN	--	--	130	30	--	36.0
SM CD 13	--	STAUFFER, D S	--	--	130	29	--	36.0
SM CD 14	--	TENLEY	J WILSON	1950	25	403	20	1.5
SM CD 15	SM-65-0176	BOXTON WATER CO	PATUXENT PUMP & WELL	1965	115	519	15	5.0
SM CD 16	SM-65-0223	JOY, SHERMAN	J J PAYNE & SONS	1965	135	360	20	1.5
SM CD 17	SM-65-0191	GAWN, ARTHUR W	J J PAYNE & SONS	1965	55	240	20	1.5

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
125AQUI	6.30	S	06/21/1967	11	4.0	10	05/16/1967	0.9	H	U	SM CA 4
211CRCS	143.56	S	08/29/1978	45	24.0	200	07/23/1973	4.4	P	T	SM CA 5
125AQUI	1.00	S	10/11/1978	28	3.0	30	10/25/1977	1.1	H	S	SM CA 6
125AQUI	16.00	R	07/02/1975	39	2.0	30	07/02/1975	0.8	H	S	SM CA 7
125AQUI	15.00	R	07/31/1973	60	3.0	30	07/31/1973	0.5	H	S	SM CA 8
125AQUI	13.94+	S	01/29/1947	--	--	8	01/29/1947	0.8	H	Z	SM CB 1
125AQUI	6.43	S	01/29/1947	12	--	--	--	--	H	Z	SM CB 2
125AQUI	2.00	R	10/18/1947	13	3.0	10	10/18/1947	0.8	H	Z	SM CB 3
125AQUI	22.00	R	04/15/1948	15	5.0	21	04/15/1948	1.4	T	Z	SM CB 4
125AQUI	65.00	R	10/10/1947	15	6.0	6	10/10/1947	0.4	H	J	SM CB 5
112PLSC	16.50	S	07/19/1949	--	--	--	--	--	H	B	SM CB 6
112PLSC	27.40	S	07/19/1949	--	--	--	--	--	H,S	Z	SM CB 7
112PLSC	10.50	S	07/22/1949	--	--	--	--	--	H	B	SM CB 8
112PLSC	19.60	S	07/22/1949	--	--	--	--	--	H	B,Z	SM CB 9
112PLSC	20.60	S	07/19/1949	--	--	--	--	--	H	B	SM CB 10
112PLSC	16.10	S	07/19/1949	--	--	--	--	--	U	Z	SM CB 11
112PLSC	24.20	S	08/16/1949	--	--	--	--	--	H	B	SM CB 12
112PLSC	25.20	S	08/16/1949	--	--	--	--	--	H	B	SM CB 13
125AQUI	4.74	S	05/15/1951	--	--	--	--	--	H, S	Z	SM CB 14
125AQUI	0.00	R	09/30/1950	16	3.0	10	09/30/1950	0.6	H	Z	SM CB 15
125AQUI	70.00	R	10/07/1963	30	5.0	15	10/07/1963	0.5	H	J	SM CB 16
125AQUI	115.00	R	08/14/1962	11	4.0	8	08/14/1962	0.7	H	P	SM CB 17
125AQUI	57.86	S	04/13/1979	115	35.0	100	06/07/1976	0.9	P	S	SM CB 18
125AQUI	65.00	R	06/07/1976	115	35.0	155	06/07/1976	1.3	P	S	SM CB 19
--	--		--	--	--	--	--	--	--	--	SM CB 20
125AQUI	25.00	R	10/12/1978	12	3.0	10	10/12/1978	0.8	H	J	SM CB 21
125AQUI	17.00	R	08/25/1975	22	3.0	10	08/25/1975	0.5	H	J	SM CB 22
125AQUI	122.57	S	10/11/1978	30	3.0	20	08/12/1974	0.7	H	S	SM CB 23
125AQUI	150.00	R	05/27/1977	46	3.0	25	05/27/1977	0.5	H	S	SM CB 24
125AQUI	145.00	R	10/29/1977	35	2.0	12	10/29/1977	0.3	H	S	SM CB 25
211MGTY	130.00	R	03/29/1976	10	2.0	20	03/29/1976	2.0	H	S	SM CB 26
124PNPN	95.00	R	08/15/1980	31	3.0	20	08/15/1980	0.6	H	S	SM CB 27
125AQUI	128.00	R	09/28/1977	19	3.0	25	09/28/1977	1.3	H	S	SM CB 28
112PLSC	10.30	S	07/22/1949	--	--	--	--	--	H	B	SM CC 1
112PLSC	17.00	S	07/22/1949	--	--	--	--	--	H	Z	SM CC 2
112PLSC	6.00	S	07/25/1949	--	--	--	--	--	H	B	SM CC 3
112PLSC	12.40	S	07/26/1949	--	--	--	--	--	H	B	SM CC 4
112PLSC	12.80	S	06/26/1949	--	--	--	--	--	H	B	SM CC 5
112PLSC	24.90	S	08/16/1949	--	--	--	--	--	H	Z	SM CC 6
125AQUI	105.00	R	05/19/1965	20	3.0	10	05/19/1965	0.5	H	J	SM CC 7
125AQUI	90.00	R	08/30/1963	75	12.0	85	08/30/1963	1.1	T	S	SM CC 8
125AQUI	123.00	R	04/23/1966	23	3.0	10	04/23/1966	0.4	H	J	SM CC 9
125AQUI	90.00	R	06/28/1960	10	3.0	8	06/28/1960	0.8	H	U	SM CC 10
125AQUI	113.00	R	10/08/1956	60	4.0	40	10/08/1956	0.7	T	T	SM CC 11
112PLSC	26.47	S	05/31/1966	--	--	--	--	--	U	J	SM CC 12
125AQUI	148.26	S	11/01/1978	70	6.0	17	06/28/1976	0.2	H	S	SM CC 13
125AQUI	103.00	R	03/25/1976	47	3.0	15	03/25/1976	0.3	H	S	SM CC 14
125AQUI	159.70	S	08/08/1978	68	4.0	50	07/22/1975	0.7	P	S	SM CC 15
125AQUI	156.60	S	08/08/1978	51	6.0	60	02/03/1977	1.2	P	S	SM CC 16
125AQUI	147.30	S	11/02/1978	27	3.0	25	09/19/1977	0.9	H	S	SM CC 17
125AQUI	143.80	S	11/02/1978	40	4.0	40	08/28/1970	1.0	P	S	SM CC 18
125AQUI	126.00	R	05/02/1974	124	6.0	100	05/02/1974	0.8	P	T	SM CC 19
125AQUI	125.45	S	09/12/1978	6	4.0	12	06/26/1975	2.0	H	S	SM CC 20
125AQUI	106.75	S	10/11/1978	35	2.0	30	05/15/1973	0.9	H	S	SM CC 21
125AQUI	141.20	S	11/01/1978	30	3.0	30	11/14/1975	1.0	H	S	SM CC 22
125AQUI	147.18	S	09/12/1978	23	3.0	30	10/26/1974	1.3	H	S	SM CC 23
125AQUI	140.00	R	04/21/1979	50	4.0	20	04/21/1979	0.4	H	S	SM CC 24
211MGTY	145.00	R	04/28/1980	24	1.0	20	04/28/1980	0.8	H	S	SM CC 25
125AQUI	132.00	R	07/30/1976	49	5.0	20	07/30/1976	0.4	H	S	SM CC 26
124NNJM	--	R F	04/28/1948	10	3.0	6	04/28/1948	0.6	C	Z	SM CD 1
124NNJM	--	R F	10/21/1948	12	3.0	6	10/21/1948	0.5	H	Z	SM CD 2
124NNJM	--	R F	08/30/1948	10	2.0	6	08/30/1948	0.6	H	Z	SM CD 3
124NNJM	--	R F	08/03/1948	2	3.0	7	08/03/1948	3.5	H	U	SM CD 4
112PLSC	14.50	S	07/26/1949	--	--	--	--	--	H	B	SM CD 5
112PLSC	36.50	S	07/26/1949	--	--	--	--	--	H	J	SM CD 6
112PLSC	9.00	S	07/26/1949	--	--	--	--	--	C	Z	SM CD 7
112PLSC	13.00	S	07/26/1949	--	--	--	--	--	H	Z	SM CD 8
112PLSC	--		--	--	--	--	--	--	U	Z	SM CD 9
112PLSC	14.70	S	07/26/1949	--	--	--	--	--	H	B	SM CD 10
112PLSC	39.60	S	07/26/1949	--	--	--	--	--	H	B	SM CD 11
112PLSC	20.00	S	08/12/1949	--	--	--	--	--	H	B	SM CD 12
112PLSC	28.80	S	08/03/1950	--	--	--	--	--	H	P	SM CD 13
125AQUI	18.00	R	05/ /1950	--	5.0	13	--	--	H	Z	SM CD 14
125AQUI	95.50	S	04/19/1966	42	6.0	100	08/09/1965	2.4	P	S	SM CD 15
124NNJM	105.00	R	06/30/1965	15	3.0	10	06/30/1965	0.7	H	J	SM CD 16
124NNJM	30.00	R	05/11/1965	12	3.0	9	05/11/1965	0.8	H	U	SM CD 17

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM CD 18	SM-04-8100	HARDING, LEONARD JR	PATUXENT PUMP & WELL	1962	140	407	17	2.5
SM CD 19	SM-66-0206	CLIFTON, GEORGE E	J J PAYNE & SONS	1966	145	330	20	1.5
SM CD 20	SM-67-0152	OAKVILLE ELEM SCHOOL	PATUXENT PUMP & WELL	1966	152	326	10	4.0
SM CD 21	SM-67-0006	ZURAS, GEORGE N	J J PAYNE & SONS	1966	85	310	20	1.5
SM CD 22	SM-67-0067	MCFARLEN, WILLIAM H	J J PAYNE & SONS	1966	120	336	20	1.5
SM CD 23	SM-67-0236	WYRICK, GLEASON G	--	1967	120	294	20	1.5
SM CD 24	SM-73-1703	HURLEY, ANNA	J J PAYNE & SONS	1975	116	310	10	2.0
SM CD 25	SM-73-1211	MAHER	PATUXENT PUMP & WELL	1973	135	348	15	2.0
SM CD 26	SM-73-1047	ST MARYS CHURCH	PATUXENT PUMP & WELL	1974	160	315	15	2.0
SM CD 27	SM-73-0799	HARDING APARTMENTS	J J PAYNE & SONS	1974	142	336	20	2.0
SM CD 28	SM-73-2046	SO MD WOOD TREATING	J J PAYNE & SONS	1976	147	600	20	2.0
SM CD 29	SM-73-1631	ST MARYS DEVELOPMENTAL CENTER	PATUXENT PUMP & WELL	1975	142	380	20	2.0
SM CD 30	SM-73-1656	J&T HOMES	PATUXENT PUMP & WELL	1975	130	360	15	2.0
SM CD 31	SM-73-0417	CLEMENTS, STANLEY	J J PAYNE & SONS	1973	40	240	20	1.0
SM CD 32	SM-73-3480	FARRELL	PATUXENT PUMP & WELL	1979	80	286	14	2.0
SM CD 33	SM-73-2794	THORINGTON, CHARLES P	EAST COAST WELL & PUMP	1978	140	478	10	3.0
SM CD 34	SM-73-3180	BOSTON	J J PAYNE & SONS	1978	130	340	15	2.0
SM CE 1	--	CLARK, C K	J J PAYNE & SONS	1925	3	316	--	1.5
SM CE 2	SM-00-0573	CLARK, PHILLIP	J J PAYNE & SONS	1946	1	302	--	1.5
SM CE 3	SM-00-0900	PATRICK, W H	R G CLARKE	1946	2	290	--	1.5
SM CE 4	SM-00-1513	LONG, JOHN R	WASH. PUMP & WELL	1947	120	370	--	6.0
SM CE 5	SM-00-0619	LEWIS, FULTON, JR	J J PAYNE & SONS	1946	12	300	--	1.5
SM CE 6	SM-00-1994	UNDERWOOD, H W	J J PAYNE & SONS	1947	16	312	--	1.5
SM CE 7	SM-00-1721	HABIG	J J PAYNE & SONS	1947	8	294	--	1.5
SM CE 8	SM-00-1831	CLARK, PHILIP	J J PAYNE & SONS	1947	4	294	--	1.5
SM CE 9	SM-00-2655	LLOYD, L F	J J PAYNE & SONS	1948	21	303	--	1.5
SM CE 10	SM-00-3179	MERZEL, PAUL	J J PAYNE & SONS	1948	4	294	--	1.5
SM CE 11	SM-00-2443	WEST, H K	J J PAYNE & SONS	1948	5	294	--	1.5
SM CE 12	SM-00-1766	DENEALE, WALTER E	J J PAYNE & SONS	1947	4	294	--	1.5
SM CE 13	SM-00-4046	MORRISON	J J PAYNE & SONS	1949	10	281	--	1.5
SM CE 14	SM-00-4052	DEAN, MERVELL	WASH. PUMP & WELL	1949	85	363	10	7.5
SM CE 15	SM-00-4328	NORMAN, HOBART L	J J PAYNE & SONS	1949	11	300	--	1.5
SM CE 16	SM-00-4261	SWAN, A T	J J PAYNE & SONS	1949	9	294	--	1.5
SM CE 17	--	HENDERSON, MAJOR	J J PAYNE & SONS	--	60	357	--	2.5
SM CE 18	--	MONTGOMERY	J J PAYNE & SONS	--	45	22	--	36.0
SM CE 19	SM-00-6088	HOGAN, ROBERT	J DEAGLE	1950	80	330	--	1.5
SM CE 20	SM-00-7338	HOLLYWOOD ELEM SCHOOL	WASH. PUMP & WELL	1951	125	383	5	6.0
SM CE 21	SM-00-6129	HESS	J J PAYNE & SONS	1950	8	255	--	1.5
SM CE 22	--	CARTER, R A	J DEAGLE	1950	3	315	--	2.0
SM CE 23	--	BAUER	--	--	25	--	--	--
SM CE 24	SM-65-0185	JONES, WILLIAM E	J J PAYNE & SONS	1965	110	378	20	1.5
SM CE 25	SM-65-0186	GARNER, THOMAS I	J J PAYNE & SONS	1965	25	309	20	1.5
SM CE 26	SM-67-0243	WILSON, CLAYTON	PATUXENT PUMP & WELL	1967	10	526	20	1.5
SM CE 27	SM-65-0116	ELY, RONALD	J DEAGLE	1964	80	280	--	1.5
SM CE 28	SM-73-1215	BURRUS, WILLIAM	FRANKS WELL DRILLING	1974	66	300	10	2.0
SM CE 29	SM-73-0070	HARDMAN, KENNY	J J PAYNE & SONS	1972	58	292	20	2.0
SM CE 30	SM-73-2243	RETAIL CLERKS INTL ASSOC	PATUXENT PUMP & WELL	1977	18	470	18	4.0
SM CE 31	SM-73-2601	HARMAN, WILBUR	PATUXENT PUMP & WELL	1977	80	327	15	2.0
SM CE 32	SM-73-3336	MYERS, WILLIAM	PATUXENT PUMP & WELL	1979	130	365	15	2.0
SM CE 33	SM-73-1450	SCHMALGEMEYER, WILLIAM	J J PAYNE & SONS	1975	112	380	20	2.0
SM CE 34	SM-73-1926	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1976	120	595	21	4.0
SM CE 35	SM-73-1872	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1976	120	600	20	3.0
SM CE 36	--	TOWN CREEK WATER CO (HOLLYWOOD)	--	--	105	--	--	--
SM CE 37	--	TOWN CREEK WATER CO (HOLLYWOOD)	--	--	126	--	--	--
SM CE 38	SM-73-2030	RETAIL CLERKS INTL ASSOC	PATUXENT PUMP & WELL	1976	16	470	20	2.0
SM CE 40	SM-02-2162	GULF OIL CO	WASH. PUMP & WELL	1956	20	322	6	6.0
SM CE 41	SM-73-1311	MENDENHALL	J J PAYNE & SONS	1975	15	310	20	1.0
SM CE 42	SM-73-3632	GARNER, JACK	J J PAYNE & SONS	1980	20	305	15	2.0
SM CF 1	SM-00-7796	SNELL, EDWIN B	J J PAYNE & SONS	1951	14	325	--	1.5
SM CF 2	SM-73-2196	HESS, THADDEUS	PATUXENT PUMP & WELL	1976	15	296	15	2.0
SM DB 1	SM-00-0494	HODGES, ERNEST	J J PAYNE & SONS	1946	18	299	20	1.5
SM DB 2	SM-00-1457	WILSON, KERR	J WILSON	1947	12	293	20	1.5
SM DB 3	SM-00-1793	GUY, J S	J WILSON	1947	25	319	20	1.5
SM DB 4	--	GOODE, DOUGLAS	J WILSON	1947	1	291	20	1.5
SM DB 5	SM-00-1969	ROBBINS, NANCY	J WILSON	1947	145	422	--	2.5
SM DB 6	SM-00-1888	RIGGEN, E	J WILSON	1947	10	304	20	1.5
SM DB 7	SM-00-1887	YOUNG, E	J WILSON	1947	6	297	20	1.5
SM DB 8	SM-00-1375	GATTEN, ARTHUR	J WILSON	1947	17	312	20	1.5
SM DB 9	SM-00-1830	CHESELDINE, MRS. B	J J PAYNE & SONS	1947	20	314	20	1.5
SM DB 10	SM-00-1418	FARRELL, JOHNSON	J J PAYNE & SONS	1947	19	290	20	1.5
SM DB 11	SM-00-2069	HALL, J & THOMAS, P A	J J PAYNE & SONS	1947	27	308	20	1.5
SM DB 12	SM-00-2514	GRAVES, R P	J J PAYNE & SONS	1948	16	310	20	1.5
SM DB 13	SM-00-2466	LACEY, THOMAS	J J PAYNE & SONS	1948	17	310	20	1.5
SM DB 14	SM-00-1316	CHESELDINE, CLEMENTS	J J PAYNE & SONS	1947	16	310	20	1.5
SM DB 15	SM-00-1942	OWENS, MITCHELL	J WILSON	1947	6	299	20	1.5

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	115.00	R	08/04/1962	15	4.0	20	08/04/1962	1.3	H	J	SM CD 18
124NNJM	105.00	R	04/18/1966	20	3.0	10	04/18/1966	0.5	H	J	SM CD 19
124NNJM	98.90	S	05/24/1967	45	8.0	65	12/03/1966	1.4	T	S	SM CD 20
124NNJM	100.00	R	07/14/1966	18	4.0	10	07/14/1966	0.6	H	J	SM CD 21
124NNJM	90.00	R	09/16/1966	10	3.0	10	09/16/1966	1.0	H	J	SM CD 22
124NNJM	70.00	R	05/30/1967	10	3.0	10	05/30/1967	1.0	H	J	SM CD 23
124PNPN	77.59	S	05/18/1976	21	3.0	30	12/08/1975	1.4	H	S	SM CD 24
124PNPN	98.32	S	06/08/1977	40	2.0	30	03/13/1973	0.8	H	S	SM CD 25
124PNPN	98.34	S	07/14/1978	35	2.0	30	10/14/1974	0.9	T	S	SM CD 26
124PNPN	112.04	S	07/14/1978	25	3.0	20	04/11/1974	0.8	C	S	SM CD 27
125AQUI	157.29	S	09/19/1978	12	6.0	30	09/23/1976	2.5	N	S	SM CD 28
124PNPN	122.21	S	06/28/1978	33	4.0	38	10/30/1975	1.2	T	S	SM CD 29
125AQUI	108.00	R	11/14/1975	42	3.0	25	11/14/1975	0.6	H	S	SM CD 30
124PNPN	28.00	R	08/09/1973	10	2.0	10	08/09/1973	1.0	H	J	SM CD 31
124NNJM	39.00	R	08/14/1979	31	3.0	30	08/14/1979	1.0	H	S	SM CD 32
125AQUI	140.00	R	09/03/1978	28	8.0	30	09/03/1978	1.1	H	S	SM CD 33
124PNPN	102.00	R	12/01/1978	12	3.0	10	12/01/1978	0.8	H	S	SM CD 34
124NNJM	--	F	12/10/1946	4	--	1	12/10/1946	--	C	Z	SM CE 1
124NNJM	--	F	12/10/1946	--	--	1	--	--	U	--	SM CE 2
124NNJM	0.00		03/27/1947	15	--	--	12/ /1946	--	H	U	SM CE 3
124NNJM	97.00	R	06/30/1947	36	12.0	45	06/30/1947	1.2	C	T	SM CE 4
124NNJM	5.90	S	06/24/1947	12	3.0	3	07/12/1946	0.2	H	Z	SM CE 5
124NNJM	11.00	R	10/28/1947	6	5.0	5	10/28/1947	0.8	H	J	SM CE 6
124NNJM	2.00	R	08/21/1947	13	3.0	5	08/21/1947	0.4	H	Z	SM CE 7
124NNJM	0.00	R	09/29/1947	14	3.0	6	09/29/1947	0.4	H	Z	SM CE 8
124NNJM	13.18	S	06/15/1949	9	6.0	5	05/19/1948	0.5	H	Z	SM CE 9
124NNJM	--	R F	09/30/1948	14	3.0	6	09/30/1948	0.4	H	Z	SM CE 10
124NNJM	--	R F	04/07/1948	10	5.0	6	04/07/1948	0.6	H	Z	SM CE 11
124NNJM	--	R F	09/25/1947	12	2.0	5	09/25/1947	0.4	H	U	SM CE 12
124NNJM	6.05	S	06/28/1949	11	4.0	5	05/28/1949	0.4	H	Z	SM CE 13
124NNJM	90.40	S	03/11/1967	115	12.0	50	06/16/1949	0.4	P	T	SM CE 14
124NNJM	6.56	S	09/22/1949	10	4.5	6	07/19/1949	0.7	H	Z	SM CE 15
124NNJM	2.40	S	09/22/1949	12	6.0	6	07/16/1949	0.6	H	Z	SM CE 16
124NNJM	--		--	--	--	--	--	--	H	P	SM CE 17
112PLSC	20.00	R	09/21/1949	--	--	--	--	--	H	Z	SM CE 18
124NNJM	66.72	S	10/05/1950	--	4.0	4	--	--	H	P	SM CE 19
124NNJM	99.23	S	04/20/1951	100	12.0	60	04/13/1951	0.6	T	T	SM CE 20
124NNJM	17.00	R	07/ /1950	--	--	6	07/ /1950	--	H	Z	SM CE 21
124NNJM	--		--	--	--	--	--	--	H	Z	SM CE 22
124NNJM	5.14	S	07/17/1951	--	--	--	--	--	H	--	SM CE 23
124NNJM	105.00	R	05/04/1965	20	3.5	10	05/04/1965	0.5	H	J	SM CE 24
124NNJM	17.00	R	04/29/1965	23	3.0	10	04/29/1965	0.4	H	U	SM CE 25
125AQUI	34.00	R	05/12/1967	26	3.0	25	05/12/1967	1.0	H	J	SM CE 26
124NNJM	70.00	R	11/30/1964	--	4.0	10	11/30/1964	--	H	J	SM CE 27
124PNPN	61.06	S	04/ /1976	10	2.0	35	11/21/1974	3.5	H	S	SM CE 28
124PNPN	44.36	S	05/18/1976	17	3.0	15	12/12/1972	0.9	H	S	SM CE 29
125AQUI	45.39	S	06/28/1978	169	6.0	80	02/03/1977	0.5	C	S	SM CE 30
125AQUI	72.00	R	11/16/1977	20	4.0	25	11/16/1977	1.3	H	S	SM CE 31
124PNPN	105.00	R	05/14/1979	28	3.0	30	05/14/1979	1.1	H	S	SM CE 32
124PNPN	110.20	S	06/08/1977	27	3.0	30	08/20/1975	1.1	H	S	SM CE 33
125AQUI	135.87	S	06/28/1978	87	6.0	60	06/17/1976	0.7	P	S	SM CE 34
125AQUI	125.93	S	06/28/1978	74	4.0	50	04/30/1976	0.7	P	S	SM CE 35
124PNPN	98.50	S	11/29/1978	--	--	--	--	--	P	--	SM CE 36
124PNPN	--		--	--	--	--	--	--	P	--	SM CE 37
125AQUI	44.13	S	06/28/1978	116	4.0	40	08/10/1976	0.3	C	S	SM CE 38
124PNPN	25.00	R	03/16/1956	70	12.0	25	03/16/1956	0.4	C	--	SM CE 40
124PNPN	20.00	R	02/28/1975	10	3.0	10	02/28/1975	1.0	H	J	SM CE 41
124PNPN	25.00	R	01/19/1980	15	3.0	10	01/19/1980	0.7	H	S	SM CE 42
124NNJM	10.10	S	06/19/1951	11	4.0	8	04/ /1951	0.7	H	Z	SM CF 1
124PNPN	27.00	R	11/24/1976	53	3.0	25	11/24/1976	0.5	H	S	SM CF 2
125AQUI	8.00	R	06/08/1946	12	--	3	06/08/1946	0.2	H	Z	SM DB 1
125AQUI	0.00	R	05/30/1947	21	4.0	15	05/30/1947	0.7	H	Z	SM DB 2
125AQUI	14.00	R	09/11/1947	11	4.0	13	09/11/1947	1.2	H	Z	SM DB 3
125AQUI	--	S F	05/27/1949	21	4.0	15	05/ /1947	0.7	H	Z	SM DB 4
125AQUI	128.26	S	04/27/1951	--	6.0	16	11/11/1947	--	H	P	SM DB 5
125AQUI	4.00	R	09/29/1947	16	3.0	19	09/29/1947	1.2	H	Z	SM DB 6
125AQUI	3.00	R	10/03/1947	17	4.0	20	10/03/1947	1.2	H	Z	SM DB 7
125AQUI	6.50	R	05/05/1947	18	4.0	12	05/05/1947	0.7	H	U	SM DB 8
125AQUI	7.50	R	09/15/1947	12	2.0	5	09/15/1947	0.4	H	Z	SM DB 9
125AQUI	9.76	S	07/11/1951	7	4.0	5	05/ /1947	0.1	H	Z	SM DB 10
125AQUI	16.00	R	11/13/1947	6	4.5	5	11/13/1947	0.8	H	Z	SM DB 11
125AQUI	10.00	R	04/22/1948	10	3.0	5	04/22/1948	0.5	H	Z	SM DB 12
125AQUI	10.00	R	04/19/1948	10	4.0	5	04/19/1948	0.5	H	Z	SM DB 13
125AQUI	7.00	R	05/02/1947	10	3.0	5	05/02/1947	0.5	H	Z	SM DB 14
125AQUI	2.50	R	10/09/1947	16	4.0	2	10/09/1947	1.3	H	Z	SM DB 15

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM DB 16	SM-00-1719	CHAMBERLIN, DONALD	J J PAYNE & SONS	1947	16	281	20	1.5
SM DB 17	SM-00-3665	GIBSON, JOSEPH	J J PAYNE & SONS	1949	21	303	20	1.5
SM DB 18	SM-00-1822	SLINGLUFF, T C	J WILSON	1947	6	293	20	1.5
SM DB 19	SM-00-1484	WISE, JOSEPH	J J PAYNE & SONS	1947	11	294	20	1.5
SM DB 20	SM-00-1968	BLAIR, MRS B L	J WILSON	1947	14	324	20	1.5
SM DB 21	SM-00-1320	GATTON, J C	J J PAYNE & SONS	1947	29	311	20	1.5
SM DB 22	SM-00-1792	WISE, BERNARD	J WILSON	1947	10	308	20	1.5
SM DB 23	SM-00-1458	HAYDEN, OSCAR	J WILSON	1947	27	310	20	1.5
SM DB 24	--	DOWNS, CLIFTON	--	1947	50	10	--	30.0
SM DB 25	--	LABAR, S	--	--	140	22	--	--
SM DB 26	--	SACRED HEART CHURCH	--	1919	140	29	--	36.0
SM DB 27	--	LAVIN, P H	--	1932	123	25	--	40.0
SM DB 28	SM-00-3996	LACY, LLOYD	J WILSON	1949	18	297	20	1.5
SM DB 29	--	SACRED HEART CHURCH	WASH. PUMP & WELL	1945	140	410	10	6.0
SM DB 30	--	DOWNS, CLIFTON	--	--	10	9	--	50.0
SM DB 31	--	KIENAN, G	--	1929	22	6	--	36.0
SM DB 32	SM-00-7514	BULLARD, ROBERT	J J PAYNE & SONS	1951	15	294	20	1.5
SM DB 33	--	LAWRENCE, C A	J WILSON	--	18	--	--	--
SM DB 34	SM-00-6029	BURCH	J WILSON	1950	50	332	20	1.5
SM DB 35	SM-65-0221	RALEY, JAMES	J J PAYNE & SONS	1965	12	294	20	1.5
SM DB 36	SM-65-0202	EGLETON, I E	J J PAYNE & SONS	1965	20	294	20	2.5
SM DB 37	SM-65-0206	BURROUGHS, BERTHA L	J J PAYNE & SONS	1965	20	290	20	1.5
SM DB 38	SM-04-5355	HOLY ANGELS CHURCH	PATUXENT PUMP & WELL	1961	15	315	15	2.5
SM DB 39	SM-04-1174	BETHUNE ELEM SCHOOL	PATUXENT PUMP & WELL	1960	90	374	10	5.0
SM DB 40	SM-66-0216	POGUE, ROBERT E	J J PAYNE & SONS	1966	5	273	20	1.5
SM DB 41	SM-67-0250	C&P TELEPHONE CO	PATUXENT PUMP & WELL	1967	50	341	15	1.5
SM DB 42	SM-67-0143	FOSTER, CLIFTON	PATUXENT PUMP & WELL	1967	10	295	15	2.0
SM DB 43	SM-67-0004	FREDERICK, HERBERT	PATUXENT PUMP & WELL	1966	10	295	15	2.0
SM DB 44	SM-73-2121	BUSH, ARTHUR	J J PAYNE & SONS	1976	78	340	20	2.0
SM DB 45	SM-73-0416	ELLIS, JOSEPH	J J PAYNE & SONS	1973	138	430	20	2.0
SM DB 46	SM-73-0805	HALL, JAMES B	J J PAYNE & SONS	1974	121	410	20	2.0
SM DB 47	SM-73-0707	DYSON, JIMMIE	J J PAYNE & SONS	1974	10	280	20	1.0
SM DB 48	SM-73-2969	FARR, LUCILLE B	J J PAYNE & SONS	1978	25	290	20	1.0
SM DB 49	SM-73-2198	7TH DISTR RESCUE SQUAD	J J PAYNE & SONS	1976	15	300	20	1.0
SM DB 50	SM-73-3249	HOLY ANGELS CHURCH	J J PAYNE & SONS	1979	10	410	15	2.0
SM DC 1	SM-00-0852	MATTINGLY, J W	J J PAYNE & SONS	1946	17	335	20	1.5
SM DC 2	SM-00-1210	JOHNSON, THOMAS B	J J PAYNE & SONS	1947	2	333	20	1.5
SM DC 3	SM-00-1209	BROWN, JAMES H	J J PAYNE & SONS	1947	21	330	20	1.5
SM DC 4	SM-00-0556	SCHUTTE, C H	J J PAYNE & SONS	1946	6	316	21	1.5
SM DC 5	SM-00-2795	SPERRY, G T	J J PAYNE & SONS	1948	15	339	20	1.5
SM DC 6	SM-00-1993	PEABODY	J J PAYNE & SONS	1947	15	345	20	1.5
SM DC 7	SM-00-2593	ABELL, NORMA W	J J PAYNE & SONS	1948	23	340	20	1.5
SM DC 8	SM-00-3651	ABELL, NORMA W	J J PAYNE & SONS	1949	25	340	20	1.5
SM DC 9	SM-00-1577	QUIGLEY, WILLIAM J	J J PAYNE & SONS	1947	6	332	20	1.5
SM DC 10	SM-00-1739	HAZEL, JAMES M	J J PAYNE & SONS	1947	5	340	20	1.5
SM DC 11	SM-00-1507	HAZEL, JOSEPH R	J J PAYNE & SONS	1947	20	336	20	1.5
SM DC 12	SM-00-1716	GUY, C	J WILSON	1947	13	326	20	1.5
SM DC 13	SM-00-1396	BURCH, ELLIOT	J WILSON	1947	12	410	20	1.5
SM DC 14	SM-00-1419	MATTINGLY, ALOYSIUS	J J PAYNE & SONS	1947	12	310	20	1.5
SM DC 15	SM-00-2980	MATTINGLY, FORD	J J PAYNE & SONS	1948	12	315	25	1.5
SM DC 16	SM-00-1417	MATTINGLY, ELIZABETH	J J PAYNE & SONS	1947	12	315	20	1.5
SM DC 17	SM-00-1717	DENT, IDA L	J WILSON	1947	6	326	20	1.5
SM DC 18	SM-00-2714	ELLIS, B	J WILSON	1948	12	330	20	1.5
SM DC 19	--	ELLIS, GILBERT	J J PAYNE & SONS	--	11	315	20	1.5
SM DC 20	SM-00-1374	GIBSON, FRANCIS	J WILSON	1947	11	315	20	1.5
SM DC 21	SM-00-3786	HAYDEN, ELTON	J J PAYNE & SONS	1949	12	315	20	1.5
SM DC 22	SM-00-1397	OWENS, WEBSTER	J WILSON	1947	12	319	20	1.5
SM DC 23	--	RUSSEL, W R	--	--	120	17	--	40.0
SM DC 24	--	ANDERSON, ROBERT	--	1946	25	14	--	36.0
SM DC 25	--	TOWN OF ST CLEMENTS SHORES	--	1926	3	268	--	1.5
SM DC 26	SM-00-1600	TOWN OF ST CLEMENTS SHORES	WASH. PUMP & WELL	1947	2	350	10	6.0
SM DC 27	--	TOWN OF ST CLEMENTS SHORES	--	1926	7	312	--	1.5
SM DC 28	--	TOWN OF ST CLEMENTS SHORES	--	1926	6	312	--	1.5
SM DC 29	--	TOWN OF ST CLEMENTS SHORES	--	1926	5	312	--	1.5
SM DC 30	--	MATHEWS, W	--	--	11	--	--	3.0
SM DC 31	--	SEIFERT, M H	--	1929	10	--	--	1.5
SM DC 32	--	MATHEWS, M	--	1947	15	16	--	36.0
SM DC 33	--	CUSIC, LLOYD F	--	--	125	36	--	48.0
SM DC 34	SM-00-4788	MATTINGLY, B I	J J PAYNE & SONS	1949	12	336	20	1.5
SM DC 35	SM-00-4756	CUSIC, LESTER	J J PAYNE & SONS	1949	12	329	25	1.5
SM DC 36	SM-00-7119	BANNEKER ELEM SCHOOL	WASH. PUMP & WELL	1951	130	513	10	5.5
SM DC 37	--	ABELL, J BERNARD	J WILSON	1935	3	325	--	--
SM DC 38	SM-00-7797	SMITH, JIMMIE	J J PAYNE & SONS	1951	14	336	20	1.5
SM DC 39	--	THROCKMORTON, WILLIAM	--	--	12	--	--	1.5
SM DC 40	SM-00-5715	SCHUTTE	J J PAYNE & SONS	1950	4	340	20	1.5

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
125AQUI	9.00	R	08/16/1947	17	5.0	5	08/16/1947	0.3	H	U	SM DB 16
125AQUI	16.00	R	03/12/1949	8	5.0	4	03/12/1949	0.6	H	Z	SM DB 17
125AQUI	0.33+	S	07/10/1951	--	4.0	20	09/18/1947	--	H	Z	SM DB 18
125AQUI	7.57	S	05/15/1951	11	2.5	5	05/ /1947	0.4	H	Z	SM DB 19
125AQUI	4.00	R	10/25/1947	16	5.0	10	10/25/1947	0.6	H	Z	SM DB 20
125AQUI	17.00	R	05/ /1947	7	3.0	4	05/ /1947	0.6	H	Z	SM DB 21
125AQUI	10.00	R	09/16/1947	12	4.0	15	09/16/1947	1.2	H	Z	SM DB 22
125AQUI	10.00	R	04/22/1947	20	4.0	15	04/22/1947	0.8	H	Z	SM DB 23
112PLSC	5.80	S	06/08/1949	--	--	--	--	--	U	P	SM DB 24
112PLSC	16.80	S	07/19/1949	--	--	--	--	--	U	Z	SM DB 25
125AQUI	25.00	S	07/19/1919	--	--	--	--	--	U	Z	SM DB 26
112PLSC	19.50	S	07/22/1949	--	--	--	--	--	H	B	SM DB 27
125AQUI	4.00	R	05/04/1949	--	4.0	10	05/04/1949	--	H	Z	SM DB 28
125AQUI	130.00	R	06/11/1945	140	--	40	06/11/1945	0.3	T	T	SM DB 29
112PLSC	5.60	S	08/03/1949	--	--	--	--	--	H	B	SM DB 30
112PLSC	3.40	S	07/19/1949	--	--	--	--	--	H	B	SM DB 31
125AQUI	1.94	S	07/10/1951	17	4.5	9	03/17/1951	0.5	H	Z	SM DB 32
125AQUI	10.12	S	07/06/1951	--	--	--	--	--	H	U	SM DB 33
125AQUI	30.00	R	--	--	--	--	--	--	H	J	SM DB 34
125AQUI	9.00	R	06/22/1965	11	3.0	10	06/22/1965	0.9	H	J	SM DB 35
125AQUI	17.00	R	05/20/1965	25	3.0	10	05/20/1965	0.4	H	U	SM DB 36
125AQUI	19.00	R	06/08/1965	21	3.0	7	06/08/1965	0.3	H	J	SM DB 37
125AQUI	18.00	R	12/02/1961	36	8.0	40	12/02/1961	1.1	T	S	SM DB 38
125AQUI	75.00	R	11/29/1960	20	8.0	40	11/29/1960	2.0	T	U	SM DB 39
125AQUI	0.00	R	04/12/1966	21	3.0	5	04/12/1966	0.2	C	U	SM DB 40
125AQUI	40.00	R	05/26/1967	12	24.0	10	05/26/1967	0.8	C	S	SM DB 41
125AQUI	22.00	R	03/15/1967	18	0.5	20	03/15/1967	1.1	H	J	SM DB 42
125AQUI	11.00	R	07/14/1966	39	3.0	40	07/14/1966	1.0	H	J	SM DB 43
125AQUI	68.68	S	10/17/1978	27	3.0	30	11/15/1976	1.1	H	S	SM DB 44
125AQUI	137.18	S	09/20/1978	40	3.0	20	06/25/1973	0.5	H	S	SM DB 45
125AQUI	122.27	S	09/12/1978	32	3.0	25	05/16/1974	0.8	H	S	SM DB 46
125AQUI	16.00	R	04/22/1974	14	3.0	10	04/22/1974	0.7	H	J	SM DB 47
125AQUI	25.00	R	10/02/1978	9	3.0	10	10/02/1978	1.1	H	J	SM DB 48
125AQUI	23.00	R	11/21/1976	12	3.0	10	11/21/1976	0.8	F	J	SM DB 49
125AQUI	135.00	R	03/29/1979	15	3.0	20	03/29/1979	1.3	T	S	SM DB 50
125AQUI	10.38	S	03/27/1947	9	--	4	10/05/1946	0.4	H	Z	SM DC 1
125AQUI	--	F	03/27/1947	--	--	--	--	--	H	--	SM DC 2
125AQUI	11.66	S	03/27/1947	8	--	5	03/19/1947	0.6	H	Z	SM DC 3
125AQUI	--	R F	03/27/1947	18	--	3	08/12/1946	0.2	H	Z	SM DC 4
125AQUI	14.00	R	06/28/1948	6	4.0	5	06/28/1948	0.8	H	Z	SM DC 5
125AQUI	15.00	R	10/25/1947	4	4.0	5	10/25/1947	1.2	H	Z	SM DC 6
125AQUI	13.00	R	05/13/1948	10	3.0	5	05/13/1948	0.5	H	U	SM DC 7
125AQUI	16.00	R	02/28/1949	7	4.0	4	02/28/1949	0.6	H	Z	SM DC 8
125AQUI	0.00	R	06/26/1947	16	6.0	4	06/26/1947	0.3	H	Z	SM DC 9
125AQUI	0.00	R	05/11/1949	20	5.0	4	05/11/1949	0.2	H	Z	SM DC 10
125AQUI	10.00	R	06/05/1947	9	5.0	5	06/05/1947	0.6	H	Z	SM DC 11
125AQUI	1.00	R	08/28/1947	7	3.0	22	08/28/1947	3.1	H	Z	SM DC 12
125AQUI	6.50	R	05/ /1947	20	4.0	10	05/ /1947	0.5	H	U	SM DC 13
125AQUI	0.00	R	05/ /1947	--	--	--	--	--	H	Z	SM DC 14
125AQUI	7.00	R	08/09/1948	15	4.0	5	08/09/1948	0.3	H	Z	SM DC 15
125AQUI	6.00	R	05/ /1947	10	3.0	5	05/ /1947	0.5	H	Z	SM DC 16
125AQUI	1.00	R	09/02/1947	11	4.0	15	09/02/1947	1.4	H	Z	SM DC 17
125AQUI	4.00	R	05/28/1948	--	4.0	13	05/28/1948	--	H	Z	SM DC 18
125AQUI	--		--	11	4.0	5	--	0.4	H	Z	SM DC 19
125AQUI	6.00	R	04/28/1947	24	4.0	8	04/28/1947	0.3	H	Z	SM DC 20
125AQUI	1.75	S	04/02/1949	13	3.5	6	04/02/1949	0.4	H	Z	SM DC 21
125AQUI	6.00	R	05/ /1947	22	4.0	10	05/ /1947	0.4	H	Z	SM DC 22
112PLSC	11.14	S	07/22/1949	--	--	--	--	--	H	B	SM DC 23
112PLSC	7.00	S	07/26/1949	--	--	--	--	--	H	Z	SM DC 24
125AQUI	--	F	09/15/1949	--	--	--	--	--	U	--	SM DC 25
125AQUI	2.50	R	07/25/1947	42	12.0	50	--	1.2	P	T	SM DC 26
125AQUI	--	S F	09/15/1949	--	--	--	--	--	U	--	SM DC 27
125AQUI	--	F	09/15/1949	--	--	--	--	--	U	U	SM DC 28
125AQUI	--	F	09/15/1949	--	--	--	--	--	U	--	SM DC 29
125AQUI	2.22	S	05/17/1951	--	--	--	--	--	H	Z	SM DC 30
125AQUI	--	F	--	--	--	--	--	--	H	Z	SM DC 31
112PLSC	12.00	S	09/15/1947	--	--	--	--	--	S	Z	SM DC 32
112PLSC	30.90	S	09/13/1949	--	--	--	--	--	H	Z	SM DC 33
125AQUI	9.00	R	09/27/1949	10	4.0	5	09/27/1949	0.5	H	Z	SM DC 34
125AQUI	5.00	R	09/21/1949	1	3.0	6	09/21/1949	4.6	H	Z	SM DC 35
125AQUI	118.37	S	04/13/1951	145	30.0	60	03/16/1951	0.4	T	U	SM DC 36
125AQUI	--	F	05/21/1951	--	--	--	--	--	H	Z	SM DC 37
125AQUI	6.12	S	05/18/1951	15	5.0	7	05/01/1951	0.5	H	--	SM DC 38
125AQUI	2.94	S	07/06/1951	--	--	--	--	--	--	Z	SM DC 39
125AQUI	0.93M	S F	07/11/1951	16	4.0	6	05/04/1950	0.4	H	--	SM DC 40

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM DC 41	SM-67-0219	JOHNSON, MATTINGLY	J J PAYNE & SONS	1965	10	308	20	1.5
SM DC 42	SM-65-0163	TOWN OF ST CLEMENTS SHORES	J J PAYNE & SONS	1965	18	336	20	2.0
SM DC 43	SM-65-0175	PAYNE, JOSEPH J	J J PAYNE & SONS	1965	25	333	20	1.5
SM DC 44	SM-65-0203	COLLINS, ROSS L	J J PAYNE & SONS	1965	15	334	20	1.5
SM DC 45	SM-66-0180	SMITH, GENE E	J J PAYNE & SONS	1966	12	350	20	1.5
SM DC 46	SM-04-1697	HURRY, PHILLIP H	J J PAYNE & SONS	1961	15	323	20	1.5
SM DC 47	SM-05-4555	HALL, NICHOLAS S	SYDNOR HYDRODYNAMICS	1963	33	366	41	6.0
SM DC 48	SM-66-0209	MD TOBACCO GROWERS ASSOC	J J PAYNE & SONS	1966	100	287	15	1.5
SM DC 49	SM-03-7947	HICKS, JAMES E	J DEAGLE	1960	115	388	29	1.5
SM DC 50	SM-02-8274	OLD CLEMENTS SCHOOL	J J PAYNE & SONS	1957	10	320	--	1.5
SM DC 51	SM-67-0133	MIZELL, FLOYD	J J PAYNE & SONS	1966	10	332	20	1.5
SM DC 52	SM-67-0149	VALLANDINGHAM, LAWRENCE	J J PAYNE & SONS	1966	120	294	20	1.5
SM DC 53	SM-73-1373	GUY, DONALD	J J PAYNE & SONS	1975	92	390	20	2.0
SM DC 54	SM-73-1164	FARRELL, CLYDE	J J PAYNE & SONS	1974	12	300	20	1.0
SM DC 55	SM-73-0044	RAGAN, GORDON	J J PAYNE & SONS	1972	110	294	20	1.0
SM DC 56	SM-73-0753	HOLLY BERRY GARDEN CENTER	J J PAYNE & SONS	1974	140	355	20	2.0
SM DC 57	SM-73-1289	GUY, HELEN	J J PAYNE & SONS	1975	113	440	20	2.0
SM DC 58	SM-69-0338	TOWN OF ST CLEMENTS SHORES	SHANNAHAN ART. WELL	1969	17	398	51	6.0
SM DC 59	SM-72-0199	MT PLEASANT WATER CO	J J PAYNE & SONS	1972	50	340	24	2.0
SM DC 60	SM-72-0200	MT PLEASANT WATER CO	J J PAYNE & SONS	1972	50	340	24	2.0
SM DC 61	SM-73-3397	LACEY, WILLIAM	J J PAYNE & SONS	1979	33	315	20	1.0
SM DD 1	SM-00-0441	COMMISSIONERS OF LEONARDTOWN	WASH. PUMP & WELL	1946	93	494	20	8.0
SM DD 2	--	COMMISSIONERS OF LEONARDTOWN	SHANNAHAN ART. WELL	1921	3	360	--	--
SM DD 3	--	LEONARDTOWN ICE PLANT	--	--	20	--	--	--
SM DD 4	--	LEONARDTOWN ICE PLANT	--	--	20	250	--	--
SM DD 5	--	COMMISSIONERS OF LEONARDTOWN	L RUDE & SON	1907	22	263	--	1.5
SM DD 6	--	BRUBACHER, V H	J J PAYNE & SONS	1946	20	260	--	1.5
SM DD 7	--	BRUBACHER, V H	--	1925	24	300	--	1.5
SM DD 8	--	DOWNES, J W	--	--	125	31	--	30.0
SM DD 9	--	ST MARYS CO FAIRGROUNDS	--	1949	115	23	--	36.0
SM DD 10	--	MATTINGLY, JOSEPH M	--	--	50	28	--	36.0
SM DD 11	--	CECIL, F C	--	1932	14	190	--	2.5
SM DD 12	--	MD STATE HIGHWAY ADMIN	J J PAYNE & SONS	1941	11	200	20	1.5
SM DD 13	--	LEE	L RUDE & SON	1922	14	250	--	--
SM DD 14	--	GREENWELL, CHARLES	J J PAYNE & SONS	1949	35	250	--	2.5
SM DD 15	--	OLD OUR LADY'S SCHOOL	J J PAYNE & SONS	1949	50	231	--	2.5
SM DD 16	--	FOXWELL, S T	S FOXWELL	1929	4	220	5	2.5
SM DD 17	--	CAMP CALVERT	--	--	4	210	--	2.0
SM DD 18	--	GREENWELL, CHARLES	J J PAYNE & SONS	1948	30	252	--	2.5
SM DD 19	--	MATTINGLY, LESTER	--	--	110	33	--	48.0
SM DD 20	--	HEAD, HENRY	--	--	115	23	--	36.0
SM DD 21	--	BENNETT, B T	--	1934	105	25	--	--
SM DD 22	--	MATTINGLY, ALOYSIUS	J DEAGLE	1950	30	218	15	1.5
SM DD 23	--	LEONARDTOWN LAUNDRY	S FOXWELL	--	90	400	--	--
SM DD 24	--	LEONARDTOWN LAUNDRY	--	--	90	--	--	--
SM DD 25	--	RICHARDSON, L R	J J PAYNE & SONS	--	40	300	--	2.0
SM DD 26	--	WHITE'S TAVERN & RESTAURANT	--	--	6	--	--	1.2
SM DD 27	--	KNIGHT, HAROLD	--	1921	5	250	--	1.2
SM DD 28	SM-65-0162	CONNER, CYRUS Y	J J PAYNE & SONS	1965	25	270	20	1.5
SM DD 29	SM-65-0106	ST MARYS CO TECHNICAL CTR	PATUXENT PUMP & WELL	1964	115	400	--	2.0
SM DD 30	SM-05-7480	COMMISSIONERS OF LEONARDTOWN	PATUXENT PUMP & WELL	1964	25	388	30	7.2
SM DD 31	SM-04-0623	HAYDEN, VINCENT	J J PAYNE & SONS	1960	115	483	20	1.5
SM DD 32	SM-05-2438	OWENS, JAMES I	J J PAYNE & SONS	1963	25	363	20	1.5
SM DD 33	SM-04-0226	CHERRY COVE WATER CO	PATUXENT PUMP & WELL	1962	110	465	15	5.0
SM DD 34	SM-04-0043	FILLMORE COLONY	J J PAYNE & SONS	1960	65	294	20	1.5
SM DD 35	SM-04-3049	BEAVEN, BERNARD F	J J PAYNE & SONS	1961	80	356	20	1.5
SM DD 36	SM-04-9268	BROWN, RALPH	J J PAYNE & SONS	1962	130	378	20	1.5
SM DD 37	SM-05-5787	CRYER, WILLIAM E	J J PAYNE & SONS	1964	125	377	20	1.5
SM DD 38	SM-04-0662	HOLLAND, MELVIN	J J PAYNE & SONS	1960	100	336	20	1.5
SM DD 39	SM-67-0053	COMMISSIONERS OF LEONARDTOWN	PATUXENT PUMP & WELL	1966	100	510	30	6.0
SM DD 40	SM-67-0280	DUNHAM, ELIZABETH	J J PAYNE & SONS	1967	12	241	20	1.5
SM DD 41	SM-67-0257	ST MARYS CO TECHNICAL CTR	COLUMBIA PUMP & WELL	1967	115	502	20	8.0
SM DD 42	SM-67-0187	MILBURN, JOSEPH F	J J PAYNE & SONS	1967	130	348	20	1.5
SM DD 43	SM-67-0010	ALVEY, LEONARD S	J J PAYNE & SONS	1966	110	322	20	1.5
SM DD 44	SM-69-0337	CHERRY COVE WATER CO	SHANNAHAN ART. WELL	1969	32	459	62	5.0
SM DD 45	SM-73-1756	ST MARYS CO TECHNICAL CTR	SHANNAHAN ART. WELL	1976	113	536	46	6.0
SM DD 46	SM-73-1992	USGS- REDGATE	PATUXENT PUMP & WELL	1976	115	296	10	2.0
SM DD 47	SM-73-2269	LITTLE BRETON BAY INC	PATUXENT PUMP & WELL	1977	10	440	40	4.0
SM DD 48	SM-73-2271	LITTLE BRETON BAY INC	PATUXENT PUMP & WELL	1977	8	434	30	2.0
SM DD 49	SM-73-3081	USGS- REDGATE	SHANNAHAN ART. WELL	1978	115	539	10	3.0
SM DD 50	SM-73-3082	USGS- LEONARDTOWN	SHANNAHAN ART. WELL	1978	90	513	10	3.0
SM DD 51	SM-73-0448	KESSLER	PATUXENT PUMP & WELL	1973	127	470	20	2.0
SM DD 52	SM-73-1203	KELLY, FRED	PATUXENT PUMP & WELL	1974	25	400	20	2.0
SM DD 53	SM-73-0654	FLETCHER, JAMES	J J PAYNE & SONS	1974	125	360	20	2.0
SM DD 54	SM-73-2206	CAMP MARIA	J J PAYNE & SONS	1977	42	268	10	2.0

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
125AQUI	3.00	R	06/23/1965	18	3.0	5	06/23/1965	0.3	H	C	SM DC 41
125AQUI	19.30	S	04/15/1966	26	5.0	19	05/12/1967	0.7	P	S	SM DC 42
125AQUI	20.00	R	04/19/1965	22	3.0	10	04/19/1965	0.5	H	J	SM DC 43
125AQUI	15.00	R	06/03/1965	25	3.0	10	06/03/1965	0.4	H	J	SM DC 44
125AQUI	6.00	R	03/15/1966	34	3.0	10	03/15/1966	0.3	H	J	SM DC 45
125AQUI	3.00	R	01/19/1961	17	3.0	8	01/19/1961	0.5	C	J	SM DC 46
125AQUI	26.00	S	04/ /1966	--	5.0	213	11/15/1963	--	I	S	SM DC 47
124NNJM	60.00	R	04/05/1966	20	2.0	10	04/05/1966	0.5	C	J	SM DC 48
124NNJM	70.00	R	02/16/1960	--	7.0	12	02/16/1960	--	H	J	SM DC 49
125AQUI	3.00	R	08/31/1957	15	5.0	10	08/31/1957	0.7	T	U	SM DC 50
125AQUI	20.00	R	11/16/1966	20	2.0	8	11/16/1966	0.4	H	U	SM DC 51
124NNJM	80.00	R	12/19/1966	16	3.0	10	12/19/1966	0.6	H	J	SM DC 52
125AQUI	87.47	S	09/21/1978	25	3.0	30	04/24/1975	1.2	H	S	SM DC 53
125AQUI	15.00	R	11/14/1974	22	3.0	10	11/14/1974	0.5	H	J	SM DC 54
124PNPN	90.00	R	08/17/1972	28	3.0	10	08/17/1972	0.4	C	J	SM DC 55
124PNPN	100.59	S	07/13/1978	23	3.0	30	03/09/1974	1.3	I	S	SM DC 56
125AQUI	125.49	S	09/20/1978	24	3.0	30	01/27/1975	1.3	H	S	SM DC 57
125AQUI	30.82	S	08/23/1978	60	16.0	90	09/16/1969	1.5	P	S	SM DC 58
125AQUI	53.50	S	08/29/1978	20	4.0	40	05/17/1972	2.0	P	S	SM DC 59
125AQUI	48.56	S	08/29/1978	18	4.0	40	06/15/1972	2.2	P	S	SM DC 60
125AQUI	37.00	R	06/13/1979	10	3.0	10	06/13/1979	1.0	H	J	SM DC 61
125AQUI	109.50	S	07/06/1967	110	--	150	1946	1.4	U	--	SM DD 1
125AQUI	24.30	S	07/12/1967	90	--	200	01/15/1947	2.2	U	--	SM DD 2
125AQUI	--	F	01/15/1947	--	--	--	--	--	N	C	SM DD 3
124NNJM	--		--	--	--	--	--	--	C	U	SM DD 4
124NNJM	0.96	S	01/30/1947	--	--	2	--	--	U	--	SM DD 5
124NNJM	13.32	S	03/26/1947	--	--	--	--	--	H,S	Z	SM DD 6
124NNJM	7.06	S	03/26/1947	--	--	--	--	--	U	--	SM DD 7
112PLSC	26.50	S	07/26/1949	--	--	--	--	--	H	B	SM DD 8
112PLSC	18.00	R	08/11/1949	--	--	--	--	--	P	--	SM DD 9
112PLSC	13.50	S	08/26/1949	--	--	--	--	--	H	--	SM DD 10
124NNJM	--	S F	09/15/1949	--	--	--	--	--	H	Z	SM DD 11
124NNJM	--	S F	09/12/1949	--	--	1	--	--	H	Z	SM DD 12
124NNJM	--	S F	09/15/1949	--	--	--	--	--	H	Z	SM DD 13
124NNJM	26.37	S	08/10/1949	8	4.0	4	08/10/1949	0.5	H	J	SM DD 14
124NNJM	23.80	S	09/10/1949	6	2.0	3	09/10/1949	0.5	T	J	SM DD 15
124NNJM	--	S F	09/ /1949	--	--	--	--	--	H	Z	SM DD 16
124NNJM	--	F	09/ /1949	--	--	--	--	--	T	C	SM DD 17
124NNJM	21.00	R	06/24/1948	--	--	--	--	--	H	Z	SM DD 18
112PLSC	26.38	S	05/16/1950	--	--	--	--	--	H	Z	SM DD 19
112PLSC	18.10	S	05/16/1950	--	--	--	--	--	H	B	SM DD 20
112PLSC	23.00	R	08/03/1950	--	--	--	--	--	H	Z	SM DD 21
124NNJM	4.00	R	03/22/1950	--	--	6	03/22/1950	--	H	Z	SM DD 22
125AQUI	--		--	13	--	--	--	--	C	Z	SM DD 23
124NNJM	0.89	S	05/18/1951	--	--	2	05/18/1951	--	C	Z	SM DD 24
124NNJM	--		--	--	--	--	--	--	U	--	SM DD 25
124NNJM	--	S F	07/12/1951	--	--	--	--	--	C,H	U	SM DD 26
124NNJM	--	S F	07/11/1951	--	--	--	--	--	H	U	SM DD 27
124NNJM	21.00	R	03/16/1965	19	3.0	10	03/16/1965	0.5	H	J	SM DD 28
124NNJM	108.00	R	11/01/1964	31	4.0	30	11/01/1964	1.0	H	J	SM DD 29
125AQUI	25.00	R	06/09/1964	93	8.0	250	06/09/1964	2.7	P	S	SM DD 30
125AQUI	130.00	R	09/22/1960	38	4.0	7	09/22/1960	0.2	H	J	SM DD 31
125AQUI	30.00	R	07/05/1963	12	3.0	8	07/05/1963	0.7	H	J	SM DD 32
125AQUI	110.00	R	01/05/1962	50	8.0	100	01/05/1962	2.0	P	T	SM DD 33
124NNJM	60.00	R	08/08/1960	20	4.0	5	08/08/1960	0.2	H	J	SM DD 34
124NNJM	66.00	R	06/21/1961	24	3.0	9	06/21/1961	0.4	H	J	SM DD 35
124NNJM	100.00	R	10/16/1962	26	4.0	8	10/16/1962	0.3	H	J	SM DD 36
124NNJM	90.00	R	01/09/1964	15	3.0	10	01/09/1964	0.7	H	U	SM DD 37
124NNJM	70.00	R	09/26/1960	14	3.0	7	09/26/1960	0.5	H	J	SM DD 38
125AQUI	147.60	S	06/21/1978	100	12.0	300	09/03/1966	3.0	P	S	SM DD 39
124NNJM	16.00	R	06/01/1967	5	3.0	9	06/01/1967	1.8	H	J	SM DD 40
125AQUI	127.00	R	07/03/1967	93	8.0	70	07/03/1967	0.8	T	T	SM DD 41
124NNJM	92.00	R	03/15/1967	13	3.0	10	03/15/1967	0.8	H	J	SM DD 42
124NNJM	75.00	R	07/22/1966	25	3.0	10	07/22/1966	0.4	H	J	SM DD 43
125AQUI	63.38	S	06/23/1978	37	10.0	110	10/08/1969	3.0	P	S	SM DD 44
125AQUI	146.77	S	08/30/1978	22	12.0	56	03/11/1976	2.5	T	T	SM DD 45
124PNPN	111.20	S	07/21/1976	24	3.0	10	07/19/1976	0.5	U	--	SM DD 46
125AQUI	29.00	R	03/29/1977	71	4.0	120	03/29/1977	1.7	N	S	SM DD 47
125AQUI	52.64	S	10/11/1978	30	3.0	30	10/11/1978	1.0	N	S	SM DD 48
125AQUI	147.00	R	10/23/1978	23	4.0	10	10/23/1978	0.4	U	--	SM DD 49
125AQUI	124.00	R	10/26/1978	36	4.0	12	10/26/1978	0.3	U	--	SM DD 50
125AQUI	143.12	S	08/21/1978	80	3.0	30	07/24/1973	0.4	H	S	SM DD 51
125AQUI	49.42	S	09/21/1978	63	2.0	30	11/25/1974	0.5	H	S	SM DD 52
124PNPN	85.00	R	03/25/1974	20	3.0	20	03/25/1974	1.0	H	S	SM DD 53
125AQUI	39.41	S	07/06/1978	20	4.0	30	03/30/1977	1.5	R	S	SM DD 54

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM DD 55	SM-73-0341	CAMP MARIA	J J PAYNE & SONS	1973	40	265	20	2.0
SM DD 56	SM-73-0753	HOLLY BERRY GARDEN CTR	J J PAYNE & SONS	1974	140	355	20	2.0
SM DD 57	SM-73-1136	CONNLEY, GEORGE	J J PAYNE & SONS	1974	125	360	20	2.0
SM DD 58	SM-73-0209	NORRIS, BERKMAN	J J PAYNE & SONS	1973	100	355	20	2.0
SM DD 59	SM-73-2101	ST MARYS CO FAIRGROUNDS	PATUXENT PUMP & WELL	1976	120	551	20	2.0
SM DD 61	SM-73-1791	CRYER, OSCAR M	J J PAYNE & SONS	1976	98	436	10	2.0
SM DD 62	SM-73-3786	USGS- REDGATE	CALVERT WELL DRILLING	1980	115	358	10	2.0
SM DD 63	SM-73-3785	USGS- REDGATE	CALVERT WELL DRILLING	1980	115	356	10	2.0
SM DD 64	SM-01-8951	TEKSTAR INDUSTRIES	J J PAYNE & SONS	1955	10	357	--	--
SM DE 1	SM-00-0603	DOMINIC, FRED	J J PAYNE & SONS	1946	3	300	--	1.5
SM DE 2	SM-00-0739	PATRICK, W H	B GIBSON	1946	125	--	--	1.5
SM DE 3	SM-00-1431	DEAN, MYERS C	WASH. PUMP & WELL	1947	107	363	12	6.0
SM DE 4	SM-00-1428	KIRBY, ERLE R	WASH. PUMP & WELL	1947	17	290	7	6.0
SM DE 5	SM-00-1557	PETERSON, O H	R WATTS	1948	2	265	--	1.5
SM DE 6	SM-00-2871	WEBER & MCCLOUD	WASH. PUMP & WELL	1948	120	341	12	5.5
SM DE 7	SM-00-1834	MCMILLIAN, DANIEL B	WASH. PUMP & WELL	1947	120	380	7	6.0
SM DE 8	--	ST JOHN'S CATHOLIC CHURCH	WASH. PUMP & WELL	1944	97	376	--	6.0
SM DE 9	--	ST JOHN'S CATHOLIC CHURCH	--	1929	102	20	--	48.0
SM DE 10	--	ST JOHN'S CATHOLIC CHURCH	--	1929	104	20	--	48.0
SM DE 11	--	WEBER & MCCLOUD	--	--	120	--	--	--
SM DE 12	SM-00-3766	BERRY, WILFRED	J J PAYNE & SONS	1949	11	300	--	2.0
SM DE 13	--	WEBER & MCCLOUD	R WATTS --	1947	120	375	--	2.0
SM DE 14	--	BEAN, MRS THOMAS	--	1915	110	36	--	36.0
SM DE 15	--	BEAN, MRS FRANCIS W	--	1934	110	28	--	30.0
SM DE 16	--	DEMENT, GEORGE	--	--	115	32	--	40.0
SM DE 17	--	STATE OF MARYLAND	--	--	106	8	--	36.0
SM DE 18	SM-00-5362	BEAN, JOE L	J J PAYNE & SONS	1950	110	348	--	2.0
SM DE 19	SM-65-0088	PENLEY, EVERT	PATUXENT PUMP & WELL	1964	120	380	--	2.0
SM DE 20	SM-65-0190	GABRELCIK, ROBERT	PATUXENT PUMP & WELL	1965	115	380	--	2.0
SM DE 21	SM-65-0159	MATHEWS, PHILLIP	PATUXENT PUMP & WELL	1965	115	400	--	2.0
SM DE 22	SM-65-0167	HORTON, JOSEPH	PATUXENT PUMP & WELL	1965	125	380	--	2.5
SM DE 23	SM-65-0166	REEDIE, MARTHA	J DEAGLE	1965	115	378	--	2.0
SM DE 24	SM-65-0156	MATTINGLY, MITCHELL W	J J PAYNE & SONS	1965	130	397	20	1.5
SM DE 25	SM-65-0181	ANDERSON, ERNEST J	PATUXENT PUMP & WELL	1965	10	300	--	2.0
SM DE 26	SM-65-0127	RILEY BROTHERS INC	J DEAGLE	1965	118	378	--	1.5
SM DE 27	SM-65-0130	RILEY BROTHERS INC	J DEAGLE	1965	110	375	--	1.5
SM DE 28	SM-04-3972	MD MANOR TRAILER PARK (W LONG)	PATUXENT PUMP & WELL	1961	125	357	15	6.0
SM DE 29	SM-04-5841	CHURCH OF CHRIST, SCIENTIST	J DEAGLE	1962	125	389	--	1.5
SM DE 30	SM-02-4756	MD MANOR TRAILER PARK (W LONG)	J DEAGLE	1956	115	385	--	4.0
SM DE 31	SM-67-0062	DAUGHERTY, JACK	PATUXENT PUMP & WELL	1966	105	368	--	2.0
SM DE 32	SM-67-0064	CHARLES COUNTY CONCRETE CO	PATUXENT PUMP & WELL	1966	107	365	15	4.0
SM DE 33	SM-67-0199	RILEY BROTHERS INC	PATUXENT PUMP & WELL	1967	120	380	--	2.0
SM DE 34	SM-67-0264	DAUGHERTY, JACK	PATUXENT PUMP & WELL	1967	110	380	--	2.0
SM DE 35	SM-67-0261	RILEY BROTHERS INC	PATUXENT PUMP & WELL	1967	122	376	--	2.0
SM DE 36	SM-73-1957	SM CO COMMISSIONERS	A C SCHULTES & SONS	1976	130	620	50	6.0
SM DE 37	SM-73-1501	DAULTON, J M	J J PAYNE & SONS	1975	120	340	20	2.0
SM DE 38	SM-73-1729	MCKENZIE, ANTHONY	J J PAYNE & SONS	1976	103	378	10	2.0
SM DE 39	SM-73-1473	MD MANOR TRAILER PARK	PATUXENT PUMP & WELL	1975	115	360	20	2.0
SM DE 40	SM-73-2379	ST MARYS INDUSTRIAL PARK	EAST COAST WELL & PUMP	1977	130	603	40	4.0
SM DE 41	SM-73-2385	USGS- INDUSTRIAL PARK	EAST COAST WELL & PUMP	1977	130	427	15	4.0
SM DE 42	SM-73-2957	HIGGS, WILLIAM P	PATUXENT PUMP & WELL	1978	120	356	15	2.0
SM DE 43	SM-73-3416	GUENTHER CONSTR CO	PATUXENT PUMP & WELL	1979	125	340	15	2.0
SM DE 44	SM-01-2610	MD MANOR TRAILER PARK	J DEAGLE	1953	85	389	40	2.0
SM DE 45	SM-70-0253	ST MARYS CO AIRPORT	PATUXENT PUMP & WELL	1970	121	400	22	2.0
SM DE 47	SM-73-2323	LACEY, JOSEPH	PATUXENT PUMP & WELL	1977	111	372	17	2.0
SM DE 48	SM-73-1651	FRANZEN, MARVIN C	C BATES	1976	115	374	80	2.5
SM DE 49	SM-73-1593	KNOTT, JAMES	PATUXENT PUMP & WELL	1976	100	380	15	2.0
SM DF 1	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	94	587	20	8.0
SM DF 2	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	111	595	25	6.0
SM DF 3	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	105	585	20	8.0
SM DF 4	--	US NAVY- PNATS	WASH. PUMP & WELL	1944	81	547	20	7.5
SM DF 5	--	US NAVY- PNATS	WASH. PUMP & WELL	1944	76	552	20	8.0
SM DF 6	--	US NAVY- PNATS	WASH. PUMP & WELL	1942	115	357	10	4.0
SM DF 7	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	43	518	20	6.0
SM DF 8	--	US NAVY- PNATS	WASH. PUMP & WELL	1942	46	282	10	4.0
SM DF 9	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	47	285	15	8.0
SM DF 10	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	43	534	20	6.0
SM DF 11	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	46	515	20	8.0
SM DF 12	--	US NAVY- PNATS	WASH. PUMP & WELL	1944	11	489	20	7.5
SM DF 13	--	US NAVY- PNATS	WASH. PUMP & WELL	1944	20	490	20	6.0
SM DF 14	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	18	262	15	8.0
SM DF 15	--	O'BRIEN, J E	--	--	35	19	--	40.0
SM DF 16	SM-00-2889	DAVIDSON, T W	W WILSON	1948	24	270	--	1.5
SM DF 17	SM-00-1588	SCHLOSSER, H	R WATTS	1947	20	300	--	2.0
SM DF 18	SM-00-1589	CISSEL, ELIZABETH	R WATTS	1947	8	285	--	2.0

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124PNPN	29.60	S	07/06/1978	19	3.0	20	05/10/1973	1.1	R	S	SM DD 55
124PNPN	100.59	S	07/13/1978	23	3.0	30	03/09/1974	1.3	I	S	SM DD 56
124PNPN	100.37	S	06/08/1976	30	3.0	30	10/04/1974	1.0	H	S	SM DD 57
124PNPN	75.32	S	10/31/1978	35	3.0	30	01/25/1973	0.9	P	S	SM DD 58
125AQUI	141.62	S	07/06/1978	32	3.0	45	09/02/1976	1.4	R	S	SM DD 59
125AQUI	104.76	S	09/20/1978	11	3.0	15	04/06/1976	--	H	S	SM DD 61
124PNPN	115.00	R	07/01/1980	21	1.0	20	07/01/1980	1.0	U	--	SM DD 62
124PNPN	115.00	R	07/10/1980	23	1.0	50	07/10/1980	2.2	U	--	SM DD 63
125AQUI	5.00	R	05/07/1955	21	5.0	15	05/07/1955	0.7	N	U	SM DD 64
124NNJM	--	S F	12/10/1946	--	--	--	--	--	H	--	SM DE 1
124NNJM	108.00	R	1946	--	--	--	--	--	U	Z	SM DE 2
124NNJM	78.38	S	06/24/1947	50	10.0	60	05/16/1947	1.2	N	T	SM DE 3
124NNJM	15.00	R	06/ /1947	25	6.0	12	06/ /1947	0.5	H	U	SM DE 4
124NNJM	--	F	--	--	20.0	3	--	--	H	U	SM DE 5
124NNJM	125.00	R	08/22/1948	65	6.0	30	08/22/1948	0.5	H	P	SM DE 6
124NNJM	95.00	R	10/02/1947	105	8.0	22	10/02/1947	0.2	P	J	SM DE 7
124NNJM	90.00	R	11/15/1944	60	50.0	110	11/15/1944	1.8	T	P	SM DE 8
112PLSC	17.55	S	06/30/1949	--	--	--	--	--	U	--	SM DE 9
112PLSC	16.20	S	06/30/1949	--	--	--	--	--	U	Z	SM DE 10
124NNJM	24.30	S	06/29/1949	--	--	--	--	--	U	--	SM DE 11
124NNJM	5.00	R	03/29/1949	15	4.0	5	03/29/1949	0.3	H	Z	SM DE 12
124NNJM	24.80	S	06/29/1949	--	5.0	8	11/27/1947	--	H	U	SM DE 13
112PLSC	30.30	S	08/26/1949	--	--	--	--	--	H	B	SM DE 14
112PLSC	21.40	S	08/26/1949	--	--	--	--	--	H	B	SM DE 15
112PLSC	28.70	S	08/26/1949	--	--	--	--	--	H	B	SM DE 16
112PLSC	1.78	S	08/03/1950	--	--	--	--	--	U	--	SM DE 17
124NNJM	76.00	R	03/08/1950	--	--	--	--	--	H	P	SM DE 18
124NNJM	110.00	R	10/15/1964	20	4.0	18	10/15/1964	0.9	H	U	SM DE 19
124NNJM	123.00	R	05/31/1965	34	4.0	30	05/31/1965	0.9	H	J	SM DE 20
124NNJM	113.00	R	03/19/1965	27	4.0	25	03/19/1965	0.9	H	J	SM DE 21
124NNJM	118.00	R	04/01/1965	42	4.0	30	04/01/1965	0.7	H	J	SM DE 22
124NNJM	104.00	R	04/27/1965	--	7.0	20	04/27/1965	--	H	U	SM DE 23
124NNJM	110.00	R	03/13/1965	16	4.0	7	03/13/1965	0.4	H	J	SM DE 24
124NNJM	5.00	R	06/01/1965	25	3.0	35	06/01/1965	1.4	H	J	SM DE 25
124NNJM	107.00	R	02/26/1965	--	6.0	12	02/26/1965	--	H	U	SM DE 26
124NNJM	105.00	R	01/16/1965	--	6.0	10	01/16/1965	--	H	J	SM DE 27
124NNJM	120.00	R	08/18/1961	90	4.0	150	08/18/1961	1.7	P	T	SM DE 28
124NNJM	112.00	R	03/16/1962	--	7.0	10	03/16/1962	--	T	J	SM DE 29
124PNPN	117.00	R	11/13/1956	--	15.0	25	11/13/1956	--	P	T	SM DE 30
124NNJM	115.00	R	11/07/1966	35	4.0	40	11/07/1966	1.1	H	S	SM DE 31
124NNJM	117.44	S	08/23/1978	100	4.0	100	09/10/1966	1.0	N	S	SM DE 32
124NNJM	122.00	R	03/26/1967	28	3.0	25	03/26/1967	0.9	H	S	SM DE 33
124NNJM	96.50	S	06/09/1967	31	3.0	30	08/02/1967	1.0	H	S	SM DE 34
124NNJM	104.80	S	06/20/1967	32	3.0	30	06/16/1967	0.9	H	S	SM DE 35
125AQUI	161.00	R	06/27/1978	104	--	200	10/04/1976	1.9	P	T	SM DE 36
124PNPN	119.59	S	04/ /1976	48	3.0	30	08/11/1975	0.6	H	S	SM DE 37
124PNPN	102.85	S	05/18/1976	21	3.0	30	01/16/1976	1.4	H	S	SM DE 38
124PNPN	137.27	S	04/ /1976	55	3.0	35	09/04/1975	0.6	P	S	SM DE 39
125AQUI	169.16	S	05/25/1979	173	8.0	201	09/20/1977	1.2	N	S	SM DE 40
124PNPN	139.07	S	06/27/1978	46	12.0	45	06/15/1977	1.0	U	--	SM DE 41
124PNPN	105.00	R	09/15/1978	50	3.0	20	09/15/1978	0.4	H	S	SM DE 42
124PNPN	120.00	R	07/05/1979	25	3.0	30	07/05/1979	1.2	H	S	SM DE 43
124PNPN	117.00	R	06/12/1953	--	7.0	12	06/12/1953	--	P	--	SM DE 44
124PNPN	128.77	S	09/12/1978	43	3.0	30	05/23/1970	0.7	C	S	SM DE 45
124PNPN	101.70	S	09/12/1978	41	3.0	25	04/26/1977	0.6	H	S	SM DE 47
124PNPN	63.00	R	03/16/1976	37	3.0	25	03/16/1976	0.7	H	J	SM DE 48
124PNPN	115.00	R	03/01/1976	29	3.0	25	03/01/1976	0.9	H	S	SM DE 49
125AQUI	123.50	R	06/01/1943	53	--	225	06/01/1943	4.2	T	T	SM DF 1
125AQUI	108.80	R	11/22/1943	52	--	300	11/22/1943	5.0	T	T	SM DF 2
125AQUI	103.70	R	12/07/1943	77	--	257	12/07/1943	3.3	T	T	SM DF 3
125AQUI	105.95	S	07/14/1949	152	--	300	05/ /1944	2.0	T	T	SM DF 4
125AQUI	102.00	S	08/09/1967	150	--	300	01/ /1944	2.0	T	T	SM DF 5
124NNJM	125.00	R	1942	45	--	25	1942	0.6	T	T	SM DF 6
125AQUI	48.50	R	05/31/1943	105	--	171	05/31/1943	1.6	T	T	SM DF 7
124PNPN	29.10	S	08/06/1951	40	--	25	1942	0.6	U	--	SM DF 8
124NNJM	33.00	R	05/31/1943	63	--	191	06/01/1943	3.0	T	T	SM DF 9
125AQUI	42.20	R	06/07/1943	98	--	225	06/26/1943	2.3	T	T	SM DF 10
125AQUI	75.15	S	12/22/1949	121	--	71	06/01/1943	0.6	T	T	SM DF 11
125AQUI	21.25	R	04/ /1944	178	--	300	04/ /1944	1.7	T	T	SM DF 12
125AQUI	35.00	R	06/20/1944	--	--	--	--	--	T	T	SM DF 13
124NNJM	33.00	R	05/31/1943	165	--	170	05/31/1943	1.0	T	T	SM DF 14
112PLSC	14.50	S	06/29/1949	--	--	--	--	--	U	Z	SM DF 15
124NNJM	40.00	R	07/24/1948	10	5.0	20	07/24/1948	2.0	T	P	SM DF 16
124NNJM	22.00	R	07/15/1947	--	48.0	6	07/15/1947	--	H	J	SM DF 17
124NNJM	12.00	R	08/15/1947	--	24.0	10	08/15/1947	--	H	Z	SM DF 18

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM DF 19	SM-00-2891	BOACHER, KENT D	R WATTS	1948	8	285	--	2.0
SM DF 20	--	LITTLE, K R	--	1949	105	28	--	36.0
SM DF 21	SM-00-0633	WAGNER, N U	J J PAYNE & SONS	1946	13	280	--	1.5
SM DF 22	SM-00-0442	ST MARYS CO MET COMM	WASH. PUMP & WELL	1946	105	606	24	6.0
SM DF 23	SM-00-0355	DAVIS, G S	WASH. PUMP & WELL	1946	22	260	9	6.0
SM DF 24	SM-00-0638	BORLEY, FRANK	J J PAYNE & SONS	1946	6	280	--	1.5
SM DF 25	SM-00-0257	LONG, W B	WASH. PUMP & WELL	1946	110	360	11	6.0
SM DF 26	--	CLARKE, THOMAS K	L HERBERT	1940	110	58	--	36.0
SM DF 27	SM-00-0794	LOHR, EARL	R WATTS	1946	5	250	--	2.0
SM DF 28	SM-00-0834	CONNICK, E H	R WATTS	1946	16	290	--	2.0
SM DF 29	SM-00-0592	PLAVIAL, LOUIS	R WATTS	1946	7	250	--	2.0
SM DF 30	SM-00-1285	ST MARYS CO MET COMM	WASH. PUMP & WELL	1947	102	348	10	6.0
SM DF 31	--	BEAN, J Q	--	--	15	19	--	36.0
SM DF 32	--	WILKENS, LESLIE C	--	--	18	18	--	1.0
SM DF 33	SM-00-1558	WILKENS, LESLIE C	R WATTS	1947	18	290	--	2.0
SM DF 34	SM-00-2078	WISE, MRS H P	J WILSON	1948	78	336	--	1.5
SM DF 35	--	O'BRIEN, J E	WASH. PUMP & WELL	--	35	261	--	6.0
SM DF 36	SM-00-5174	COTTELL, CHARLES A	J DEAGLE	1950	54	294	--	1.5
SM DF 37	--	IMMAC HEART OF MARY CHURCH	--	--	120	42	--	36.0
SM DF 38	--	US NAVY- PNATS	--	--	20	252	--	6.0
SM DF 39	--	US NAVY- PNATS	--	1943	145	284	--	6.0
SM DF 40	SM-00-6732	PETERS, JEPTHA N	R WATTS	1950	70	330	--	1.2
SM DF 41	SM-00-3972	WALTMAN, LILLIAN	R WATTS	1949	70	375	--	1.5
SM DF 42	SM-00-6688	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1951	88	570	20	5.5
SM DF 43	--	US NAVY- PNATS	SYDNOR HYDRODYNAMICS	1955	40	553	20	8.0
SM DF 44	SM-65-0229	LITTLE, JOHN W	PATUXENT PUMP & WELL	1965	110	380	--	2.0
SM DF 45	SM-65-0158	MAY, I L	PATUXENT PUMP & WELL	1965	105	382	--	2.0
SM DF 46	SM-65-0143	JOHNSON, E D	PATUXENT PUMP & WELL	1965	110	385	--	2.0
SM DF 47	SM-65-0155	LANAHAN, JACK	PATUXENT PUMP & WELL	1965	110	375	20	1.5
SM DF 48	SM-65-0170	WINSTON, DABNEY C	PATUXENT PUMP & WELL	1965	110	385	--	2.5
SM DF 49	SM-05-5243	TOWN CREEK WATER CO	PATUXENT PUMP & WELL	1964	120	380	20	4.5
SM DF 50	SM-04-5141	TOWN CREEK WATER CO	PATUXENT PUMP & WELL	1961	115	365	15	5.0
SM DF 51	SM-05-3907	7 GABLES HOTEL	PATUXENT PUMP & WELL	1963	10	487	15	5.0
SM DF 52	SM-05-0836	B.P.O.E. #2092	J DEAGLE	1963	110	390	--	1.5
SM DF 53	SM-03-4292	GREENVIEW KNOLLS	PATUXENT PUMP & WELL	1959	110	350	15	5.5
SM DF 54	SM-03-5942	TOWN CREEK WATER CO	PATUXENT PUMP & WELL	1959	70	360	20	5.0
SM DF 55	SM-03-1742	TOWN CREEK ELEM SCHOOL	W EILER	1958	70	390	10	6.0
SM DF 56	SM-02-4755	PAINTER TRAILER PARK	PATUXENT PUMP & WELL	1956	108	373	15	2.5
SM DF 57	SM-02-3181	US NAVY- PNATS	PATUXENT PUMP & WELL	1956	10	268	--	3.0
SM DF 58	SM-67-0269	B.P.O.E. #2092	PATUXENT PUMP & WELL	1967	110	418	20	2.0
SM DF 59	SM-67-0258	STRICKLAND, CHARLES M	J DEAGLE	1967	105	373	--	1.5
SM DF 60	SM-67-0256	GREENVIEW KNOLLS	SHANNAHAN ART. WELL	1967	109	358	22	4.0
SM DF 61	SM-05-5823	US NAVY- PNATS	PATUXENT PUMP & WELL	1964	120	600	20	8.0
SM DF 62	SM-73-0635	ST MARYS CO MET COMM	F LOHMANN	1974	106	630	81	5.0
SM DF 63	SM-73-0015	DAVIS, CARRIE	PATUXENT PUMP & WELL	1972	110	398	19	2.0
SM DF 64	SM-73-1027	ANCHOR VAN LINES	PATUXENT PUMP & WELL	1974	105	371	20	2.0
SM DF 65	SM-73-1738	KENNEY	PATUXENT PUMP & WELL	1976	100	360	15	2.0
SM DF 66	SM-73-1990	USGS- CALIFORNIA	PATUXENT PUMP & WELL	1976	15	258	10	2.0
SM DF 67	SM-01-0607	TOWN CREEK WATER CO	WASH. PUMP & WELL	1952	25	274	8	5.5
SM DF 68	SM-01-3247	TOWN CREEK WATER CO	WASH. PUMP & WELL	1954	24	252	7	5.5
SM DF 69	SM-02-2161	TOWN CREEK WATER CO	WASH. PUMP & WELL	1956	80	321	17	6.0
SM DF 70	SM-01-8274	TOWN CREEK WATER CO	PATUXENT PUMP & WELL	1955	110	400	55	2.0
SM DF 71	SM-73-3431	USGS- LEXINGTON PARK	CALVERT WELL DRILLING	1979	65	560	10	2.0
SM DF 72	SM-70-0158	LOEFFLER APARTMENTS	PATUXENT PUMP & WELL	1970	55	355	20	2.0
SM DF 73	SM-73-0768	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1974	104	620	20	5.0
SM DF 74	SM-73-0914	TSIRIGOTIS, NICHOLAS	J DEAGLE	1974	75	367	85	2.5
SM DF 75	SM-73-2775	MERRITT, JAMES	J HUGHES	1978	35	332	80	2.0
SM DF 76	SM-05-7673	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1964	96	602	28	6.5
SM DF 77	SM-73-0332	SOMERVILLE, CLIFTON	J DEAGLE	1973	103	420	74	2.0
SM DF 78	SM-01-4838	ST MARYS CO MET COMM	WASH. PUMP & WELL	1954	99	600	30	6.0
SM DF 79	SM-01-6244	PAINTER TRAILER PARK	SYDNOR HYDRODYNAMICS	1954	102	368	25	2.0
SM DF 80	SM-73-0140	SM CO COMMISSIONERS	SHANNAHAN ART. WELL	1972	43	565	20	2.0
SM DF 81	SM-72-0020	LEONARD, HARRY	PATUXENT PUMP & WELL	1971	85	340	20	2.0
SM DF 82	SM-04-1411	CHANCE WATER CO	PATUXENT PUMP & WELL	1961	100	360	--	2.5
SM DF 83	SM-01-0141	CHANCE WATER CO	WASH. PUMP & WELL	1952	100	342	8	5.5
SM DF 84	SM-81-0119	MD GEOLOGICAL SURVEY	A C SCHULTES & SONS	1983	108	910	45	4.0
SM DF 85	SM-70-0042	MORSS TRAILER PARK	PATUXENT PUMP & WELL	1969	82	400	20	2.0
SM DF 86	SM-68-0185	ST MARYS CO MET COMM	SHANNAHAN ART. WELL	1968	105	609	41	6.0
SM DG 1	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	19	480	20	8.0
SM DG 2	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	11	486	20	7.5
SM DG 3	--	US NAVY- PNATS	WASH. PUMP & WELL	1943	13	489	20	6.0
SM DG 4	SM-00-3978	US NAVY- PNATS	J J PAYNE & SONS	1949	20	295	20	2.0
SM DG 5	--	US NAVY- PNATS	WASH. PUMP & WELL	1950	18	494	20	8.0
SM DG 6	--	US NAVY- PNATS	WASH. PUMP & WELL	--	7	489	--	--
SM DG 7	SM-03-2903	US NAVY- PNATS	PATUXENT PUMP & WELL	1958	20	303	20	6.0
SM DG 8	SM-01-3246	US NAVY- PNATS	WASH. PUMP & WELL	1953	20	276	--	4.0

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	16.00	R	07/26/1948	--	20.0	6	07/26/1948	--	H	Z	SM DF 19
112PLSC	26.30	S	06/30/1949	--	--	--	--	--	H	--	SM DF 20
124NNJM	15.40	S	06/24/1947	5	4.0	3	06/16/1946	0.6	H	Z	SM DF 21
125AQUI	140.00	R	10/10/1946	90	--	225	10/10/1946	2.5	P	T	SM DF 22
124NNJM	33.86	S	12/07/1949	30	--	40	1946	1.3	H	J	SM DF 23
124NNJM	4.48	S	12/21/1949	12	--	4	07/19/1946	0.3	H	Z	SM DF 24
124NNJM	118.98	S	11/14/1946	50	--	60	03/20/1946	1.2	P	T	SM DF 25
112PLSC	53.66	S	11/14/1946	--	--	--	--	--	U	P	SM DF 26
124NNJM	9.42	S	12/10/1946	12	--	10	09/13/1946	0.8	P	J	SM DF 27
124NNJM	18.00	R	10/17/1946	6	--	4	10/17/1946	0.7	H	Z	SM DF 28
124NNJM	6.85	S	12/10/1946	9	--	6	07/27/1946	0.7	H	Z	SM DF 29
124PNPN	118.00	R	05/16/1947	42	12.0	40	05/16/1947	1.0	U	T	SM DF 30
112PLSC	--		--	--	--	--	--	--	H	Z	SM DF 31
112PLSC	--		--	--	--	--	--	--	H	Z	SM DF 32
124NNJM	22.18	S	06/24/1947	--	10.0	4	08/02/1947	--	H	Z	SM DF 33
124NNJM	83.00	R	01/16/1948	12	4.0	2	01/16/1948	1.7	H	J	SM DF 34
124NNJM	40.00	R	--	30	--	--	--	--	C	J	SM DF 35
124NNJM	50.68	S	04/07/1950	--	--	--	--	--	H	--	SM DF 36
112PLSC	37.40	S	08/03/1950	--	--	--	--	--	T	J	SM DF 37
124NNJM	35.70	R	09/01/1950	--	--	114	--	--	T	T	SM DF 38
124NNJM	41.60	S	08/02/1951	--	--	50	1957	--	T	T	SM DF 39
124NNJM	80.00	R	09/20/1950	--	--	--	--	--	H	P	SM DF 40
124NNJM	90.00	R	07/28/1949	--	20.0	6	07/28/1949	--	H	P	SM DF 41
125AQUI	130.00	R	07/26/1951	58	12.0	210	07/26/1951	3.6	P	T	SM DF 42
125AQUI	80.50	R	09/01/1955	76	--	200	09/01/1955	2.6	T	T	SM DF 43
124NNJM	117.00	R	06/29/1965	23	5.0	25	06/29/1965	1.1	H	J	SM DF 44
124NNJM	115.00	R	03/09/1965	20	4.0	20	03/09/1965	1.0	H	J	SM DF 45
124NNJM	110.00	R	01/29/1965	25	4.0	25	01/29/1965	1.0	H	J	SM DF 46
124NNJM	120.00	R	03/03/1965	25	4.0	25	03/03/1965	1.0	H	J	SM DF 47
124PNPN	115.00	R	04/05/1965	30	4.0	30	04/05/1965	1.0	H	J	SM DF 48
124NNJM	126.00	R	04/18/1964	124	6.0	125	04/18/1964	1.0	P	S	SM DF 49
124PNPN	140.47	S	08/22/1978	65	4.0	100	11/18/1961	1.5	P	T	SM DF 50
125AQUI	28.00	R	11/09/1963	82	8.0	150	11/09/1963	1.8	C	S	SM DF 51
124NNJM	112.00	R	03/25/1963	--	6.0	10	03/25/1963	--	T	J	SM DF 52
124PNPN	114.00	R	05/18/1959	41	6.0	75	05/18/1959	1.8	P	T	SM DF 53
124NNJM	90.00	R	09/30/1959	60	4.0	100	09/30/1959	1.7	P	T	SM DF 54
124PNPN	101.00	R	08/18/1958	23	16.0	30	08/18/1958	1.3	T	T	SM DF 55
124NNJM	139.55	S	09/11/1978	26	4.0	30	11/21/1956	1.2	P	S	SM DF 56
124NNJM	30.00	R	05/09/1956	--	5.0	25	05/09/1956	--	U	--	SM DF 57
124NNJM	125.00	R	06/10/1967	47	5.0	40	06/10/1967	0.8	T	S	SM DF 58
124NNJM	95.00	R	06/07/1967	--	5.0	15	06/07/1967	--	H	J	SM DF 59
124PNPN	120.00	R	07/15/1967	25	10.0	44	07/15/1967	1.8	P	U	SM DF 60
125AQUI	157.00	R	03/03/1964	87	24.0	200	03/03/1964	2.3	T	S	SM DF 61
125AQUI	164.21	S	06/21/1978	131	48.0	614	02/07/1974	4.7	P	T	SM DF 62
124PNPN	133.84	S	05/14/1976	35	3.0	30	08/26/1972	0.9	H	S	SM DF 63
124PNPN	135.74	S	04/ /1976	62	4.0	30	07/15/1974	0.5	C	S	SM DF 64
124PNPN	132.38	S	05/18/1976	21	2.0	20	02/04/1976	1.0	H	S	SM DF 65
124PNPN	37.40	S	07/21/1976	21	4.0	12	07/15/1976	0.6	U	--	SM DF 66
124PNPN	50.00	R	12/08/1952	86	12.0	55	12/08/1952	0.6	P	P	SM DF 67
124PNPN	48.70	S	08/22/1978	170	12.0	90	01/ /1954	0.5	P	T	SM DF 68
124PNPN	109.78	S	08/22/1978	113	8.0	110	04/03/1956	1.0	P	T	SM DF 69
124PNPN	115.00	R	04/05/1955	--	12.0	20	04/05/1955	--	P	S	SM DF 70
125AQUI	125.19	S	08/31/1979	23	1.0	20	07/09/1979	0.9	U	--	SM DF 71
124PNPN	68.56	S	06/29/1978	56	1.0	20	04/03/1970	0.4	P	S	SM DF 72
125AQUI	140.00	R	04/10/1974	95	6.0	100	04/10/1974	1.1	P	T	SM DF 73
124PNPN	40.00	R	08/13/1974	65	4.0	16	08/13/1974	0.2	H	J	SM DF 74
124PNPN	30.00	R	03/05/1978	20	12.0	80	03/05/1978	4.0	H	S	SM DF 75
125AQUI	149.69	S	06/20/1978	47	8.0	200	07/02/1964	4.3	P	S	SM DF 76
124PNPN	132.58	S	09/20/1978	--	6.0	20	05/08/1973	--	H	S	SM DF 77
125AQUI	155.00	R	10/08/1954	153	24.0	300	10/08/1954	2.0	P	T	SM DF 78
124PNPN	141.60	S	09/11/1978	--	6.0	8	09/07/1954	--	P	S	SM DF 79
125AQUI	95.09	S	06/27/1978	23	6.0	25	10/10/1972	1.1	P	T	SM DF 80
124PNPN	98.00	R	11/15/1971	52	2.0	40	11/15/1971	0.8	C	S	SM DF 81
124PNPN	90.00	R	03/17/1961	23	4.0	25	03/17/1961	1.1	P	J	SM DF 82
124PNPN	120.00	R	09/10/1952	57	12.0	65	09/10/1952	1.1	P	P	SM DF 83
--	115.70	R	01/03/1983	46	24.0	193	01/03/1983	4.2	U	--	SM DF 84
124PNPN	117.13	S	06/29/1978	27	2.0	30	08/02/1969	1.1	P	S	SM DF 85
125AQUI	187.70	S	06/20/1978	29	26.0	83	04/30/1968	2.9	P	S	SM DF 86
125AQUI	86.00	S	01/28/1944	65	--	162	01/28/1944	2.5	T	T	SM DG 1
125AQUI	33.68	S	07/14/1949	80	--	340	12/09/1943	4.2	T	T	SM DG 2
125AQUI	36.66	S	07/14/1949	--	--	300	01/25/1944	--	T	U	SM DG 3
124NNJM	29.00	R	05/19/1949	--	--	5	--	--	T	J	SM DG 4
125AQUI	35.94	S	08/21/1950	162	--	210	08/17/1950	1.3	T	T	SM DG 5
125AQUI	24.00	R	09/06/1950	--	--	--	--	--	R	T	SM DG 6
124NNJM	36.00	R	11/17/1958	51	4.0	67	11/17/1958	1.3	U	T	SM DG 7
124NNJM	32.00	R	03/ /1967	--	--	50	03/ /1967	--	T	J	SM DG 8

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM DG 9	SM-73-0095	US NAVY- PNATS	SHANNAHAN ART. WELL	1972	20	586	--	--
SM DG 10	SM-68-0223	ST MARYS CO MET COMM	PATUXENT PUMP & WELL	1968	22	492	20	5.0
SM DG 11	--	US NAVY- PNATS	CALVERT WELL DRILLING	1980	10	290	10	2.0
SM EB 1	SM-00-1333	GASS, FRANK	J WILSON	1947	12	324	20	1.5
SM EB 2	SM-00-1319	GASS, JESSIE	J J PAYNE & SONS	1947	12	318	20	1.5
SM EB 3	SM-00-2697	GRIFFIN, PETE	J J PAYNE & SONS	1948	12	320	20	1.5
SM EB 4	SM-00-3113	WATSON, DAVID	J J PAYNE & SONS	1948	9	320	20	1.5
SM EB 5	SM-00-2565	SHAFFER, JOHN	J J PAYNE & SONS	1948	12	318	20	1.5
SM EB 6	SM-00-1322	KRAUSE, ARTHUR J	J J PAYNE & SONS	1947	6	318	20	1.5
SM EB 7	SM-00-1356	HANIBROSE, CLARENCE	J J PAYNE & SONS	1947	6	315	20	1.5
SM EB 8	SM-00-2903	MATTINGLY, ARTHUR	J WILSON	1948	8	360	20	1.5
SM EB 9	SM-00-1332	BANGDAN, MARSHAL	J WILSON	1947	7	325	20	1.5
SM EB 10	SM-00-1653	MILLS, JENNIE	J J PAYNE & SONS	1947	12	315	20	1.5
SM EB 11	SM-00-1635	ARNOLD, MRS C C	J J PAYNE & SONS	1947	25	315	20	1.5
SM EB 12	SM-00-1718	GUADE, BRUCE	J WILSON	1947	7	304	20	1.5
SM EB 13	SM-00-1620	ABELL, M E	J WILSON	1947	9	312	20	1.5
SM EB 14	SM-00-3775	FIELDS, B E	J WILSON	1949	4	308	20	1.5
SM EB 15	SM-00-1334	LAWRENCE, CLYDE	J WILSON	1947	11	300	20	1.5
SM EB 16	SM-00-2702	YATES, GEORGE C	J WILSON	1948	11	310	20	1.5
SM EB 17	SM-00-2594	RUSSELL, ALFRED	J J PAYNE & SONS	1948	10	315	20	1.5
SM EB 18	SM-65-0205	TURLINGTON, TOM	J J PAYNE & SONS	1965	15	318	20	1.5
SM EB 19	SM-66-0157	LONG, WILLIE	J J PAYNE & SONS	1966	10	320	20	1.5
SM EC 1	--	BRUBACHER, R H	J WILSON	1914	10	365	--	2.0
SM EC 2	--	BRUBACHER, R H	L RUDE & SON	1926	2	365	--	1.5
SM EC 3	SM-00-0695	CHAPPELEAR, G H	J J PAYNE & SONS	1946	6	258	--	1.5
SM EC 4	SM-00-0694	CHAPPELEAR, G H	J J PAYNE & SONS	1946	3	258	--	1.5
SM EC 5	SM-00-3992	FRITZ, MORRIS M	J J PAYNE & SONS	1949	8	248	20	1.5
SM EC 6	SM-00-2796	ANDERSON, MINNIE	J J PAYNE & SONS	1948	11	252	--	1.5
SM EC 7	SM-00-2007	HANSON, MAURY L	J J PAYNE & SONS	1947	2	252	--	1.5
SM EC 8	--	HALL, J H	--	--	2	14	--	48.0
SM EC 9	--	HALL, J H	--	--	5	--	--	1.5
SM EC 10	--	PARKER, C	J J PAYNE & SONS	1941	18	133	--	1.5
SM EC 11	SM-00-5683	SAPP, R F	J J PAYNE & SONS	1950	4	250	--	1.5
SM EC 12	SM-00-5795	HIGDON, A F	J DEAGLE	1950	4	230	52	1.5
SM EC 13	SM-00-6342	WISE, FRANCIS	J J PAYNE & SONS	1950	7	240	20	1.5
SM EC 14	--	CORP OF ROMAN CATH CLERGYMEN	J J PAYNE & SONS	--	5	--	--	--
SM EC 15	SM-65-0201	WHITE, TED	J J PAYNE & SONS	1965	10	230	20	1.5
SM EC 16	SM-73-1878	PERIGO, KENNETH	J J PAYNE & SONS	1976	15	250	20	1.0
SM EC 17	SM-73-0711	HIMMELHEBER, PETER	J J PAYNE & SONS	1974	10	231	20	1.0
SM EC 18	SM-73-1989	FARRELL, J C	J J PAYNE & SONS	1976	5	220	10	1.0
SM ED 1	SM-00-0793	IMBRES, JOHN P	J J PAYNE & SONS	1946	16	260	--	1.5
SM ED 2	SM-00-0747	HESS, FRED G	J J PAYNE & SONS	1946	16	261	--	1.5
SM ED 3	--	CLARK, PHILLIP	R G CLARKE	1945	3	255	--	1.5
SM ED 4	SM-00-0676	BEAL, ROBERT M	J J PAYNE & SONS	1946	60	280	--	1.5
SM ED 5	--	RICHARDSON, L R	R G CLARKE	1944	16	--	--	1.5
SM ED 6	--	RICHARDSON, L R	--	--	16	10	--	36.0
SM ED 7	--	RICHARDSON, L R	--	--	1	18	--	36.0
SM ED 8	SM-00-3917	DELASHMUTT, B M	J J PAYNE & SONS	1949	7	248	--	1.5
SM ED 9	--	WIGGINGTON, R	--	1930	20	300	--	2.5
SM ED 10	--	GRIFFITH, T	--	--	11	--	--	--
SM ED 11	--	BELL, PAUL	--	--	23	23	--	40.0
SM ED 12	--	OTT, WARREN	--	--	20	13	--	36.0
SM ED 13	SM-73-1844	BATEMAN, JOHN	J J PAYNE & SONS	1976	20	250	20	1.0
SM ED 14	SM-73-0593	VANRYSWICK, J W	J J PAYNE & SONS	1973	45	284	20	1.0
SM ED 15	SM-73-2780	RYCE, DAVID W	J J PAYNE & SONS	1978	40	294	20	1.0
SM ED 16	SM-73-3518	GODDARD, MARY L	J J PAYNE & SONS	1979	15	255	15	2.0
SM EE 1	SM-00-1389	REDMAN, J	R G CLARKE	1946	10	300	--	1.5
SM EE 2	SM-00-0607	DAMERON, H C	J J PAYNE & SONS	1946	8	260	--	1.5
SM EE 3	--	ORSINI, VICTOR A	R G CLARKE	1934	2	280	--	1.5
SM EE 4	SM-00-0197	RICHARDSON, L R	WASH. PUMP & WELL	1946	100	325	12	6.0
SM EE 5	SM-00-1289	BUSTEIN, W E	J J PAYNE & SONS	1947	11	252	--	1.5
SM EE 6	SM-00-1308	HOWARD, F B	J J PAYNE & SONS	1947	1	252	--	1.5
SM EE 7	SM-00-1298	ABELL, W E	J J PAYNE & SONS	1947	13	260	--	1.5
SM EE 8	SM-00-5551	ROBRECHT, NEAL	J J PAYNE & SONS	1950	7	251	--	1.5
SM EE 9	SM-00-2953	HANNAN	J J PAYNE & SONS	1948	6	241	--	2.0
SM EE 10	SM-00-1578	GREELEY, M A	J J PAYNE & SONS	1947	6	260	--	1.5
SM EE 11	SM-00-2400	MCKAY, ROLAND	J J PAYNE & SONS	1948	24	273	--	1.5
SM EE 12	SM-00-2881	MCKAY, ROLAND	J J PAYNE & SONS	1948	23	273	--	1.5
SM EE 13	SM-00-1922	MCWHARTER, J A	J J PAYNE & SONS	1947	5	260	--	1.5
SM EE 14	SM-00-2868	EDMONDSON, T L	J J PAYNE & SONS	1948	15	252	--	1.5
SM EE 15	SM-00-2518	VAN DIKE, J	J J PAYNE & SONS	1948	5	252	--	1.5
SM EE 16	SM-00-3114	HEWITT, IRVING G	J DEAGLE	1948	90	336	--	2.0
SM EE 17	SM-00-1402	HOLY FACE CATHOLIC CHURCH	R WATTS	1947	90	375	--	2.0
SM EE 18	--	OWENS, C	--	--	100	33	--	36.0
SM EE 19	--	PECK, JAMES S	--	1947	100	22	--	36.0
SM EE 20	--	ELIFF, RYAN	--	1948	40	15	--	36.0
SM EE 21	--	RUSSELL, THEODORE	--	--	105	43	--	--

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
125AQUI	--		--	--	--	--	--	--	U	--	SM DG 9
125AQUI	66.21	S	07/12/1978	92	11.0	250	05/07/1968	2.7	P	T	SM DG 10
124PNPN	22.00	R	05/22/1980	--	--	--	--	--	T	--	SM DG 11
125AQUI	4.00	R	04/16/1947	26	4.0	10	04/16/1947	0.4	H	Z	SM EB 1
125AQUI	5.00	R	04/22/1947	10	4.0	5	04/22/1947	0.5	H	Z	SM EB 2
125AQUI	5.80	S	06/07/1949	13	4.0	5	05/29/1948	0.4	H	Z	SM EB 3
125AQUI	4.00	R	06/07/1949	15	5.0	5	09/20/1948	0.3	H	Z	SM EB 4
125AQUI	6.00	R	05/05/1948	12	4.0	5	05/05/1948	0.4	H	Z	SM EB 5
125AQUI	0.20	R	04/16/1947	12	3.0	5	04/16/1947	0.4	H	Z	SM EB 6
125AQUI	1.00	R	04/30/1947	13	4.0	5	04/30/1947	0.4	H	Z	SM EB 7
125AQUI	2.75	S	06/09/1949	--	4.0	9	08/15/1948	--	H	Z	SM EB 8
125AQUI	1.00	R	04/21/1947	--	--	10	04/21/1947	--	H	Z	SM EB 9
125AQUI	0.00	R	07/28/1947	12	5.0	5	07/28/1947	--	H	Z	SM EB 10
125AQUI	5.00	R	07/22/1947	11	6.0	5	07/22/1947	0.5	H	Z	SM EB 11
125AQUI	3.50	R	08/25/1947	11	4.0	15	08/25/1947	1.4	H	U	SM EB 12
125AQUI	3.00	R	07/16/1947	3	4.0	12	07/16/1947	4.0	H	Z	SM EB 13
125AQUI	4.00	R	04/ /1949	--	4.0	12	04/ /1949	--	H	Z	SM EB 14
125AQUI	7.00	R	04/26/1947	17	4.0	14	04/26/1947	0.8	H	Z	SM EB 15
125AQUI	6.00	R	05/24/1948	--	4.0	12	05/24/1947	--	H	Z	SM EB 16
125AQUI	7.00	R	07/24/1948	11	5.5	5	07/24/1948	0.5	H	Z	SM EB 17
125AQUI	10.00	R	06/10/1965	32	3.0	8	06/10/1965	0.2	H	J	SM EB 18
125AQUI	10.00	R	01/21/1966	25	2.5	10	01/21/1966	0.4	H	J	SM EB 19
125AQUI	--		--	--	--	--	--	--	H	Z	SM EC 1
125AQUI	1.00	S	03/26/1947	--	--	1	03/26/1947	--	I	Z	SM EC 2
124NNJM	1.99	S	03/26/1947	13	8.0	3	08/05/1946	0.2	H	U	SM EC 3
124NNJM	1.88	S	03/26/1947	10	--	2	08/ /1946	0.2	H	Z	SM EC 4
124NNJM	2.66	R	05/23/1949	10	3.0	6	05/23/1949	0.6	H	U	SM EC 5
124NNJM	3.00	R	06/18/1948	9	3.0	6	06/18/1948	0.7	H	Z	SM EC 6
124NNJM	0.00	R	10/30/1947	10	3.5	5	10/30/1947	--	H	Z	SM EC 7
112PLSC	10.60	S	09/ /1949	--	--	--	--	--	U	Z	SM EC 8
--	--		--	--	--	--	--	--	H	Z	SM EC 9
112PLSC	8.12	S	09/24/1949	--	--	--	--	--	H	Z	SM EC 10
124NNJM	0.70	S	06/09/1950	14	6.0	6	05/02/1950	0.4	H	Z	SM EC 11
124NNJM	0.75	S	06/09/1950	12	--	8	05/17/1950	0.6	H	Z	SM EC 12
124NNJM	2.42	S	08/03/1950	16	--	9	07/31/1950	0.6	H	Z	SM EC 13
125AQUI	2.02	S	07/11/1951	--	--	--	--	--	H	U	SM EC 14
124NNJM	4.00	R	05/31/1965	16	2.5	10	05/31/1965	0.6	H	C	SM EC 15
124PNPN	18.00	R	05/25/1976	19	3.0	10	05/25/1976	0.5	H	J	SM EC 16
124PNPN	12.00	R	02/26/1974	16	3.0	10	02/26/1974	0.6	H	J	SM EC 17
124PNPN	6.00	R	07/06/1976	11	3.0	10	07/06/1976	0.9	H	J	SM EC 18
124NNJM	11.00	S	03/19/1947	6	--	4	09/ /1946	0.7	H	Z	SM ED 1
124NNJM	11.08	S	03/19/1947	6	--	4	08/20/1946	0.5	H	Z	SM ED 2
124NNJM	--	S F	03/19/1947	--	--	1	03/19/1947	--	H	C	SM ED 3
124NNJM	56.00	R	07/29/1946	14	--	3	07/29/1946	0.2	H	J	SM ED 4
124NNJM	9.64	S	03/26/1947	--	--	--	--	--	H	Z	SM ED 5
112PLSC	1.60	S	03/26/1947	--	--	--	--	--	H	Z	SM ED 6
112PLSC	--		--	--	--	--	--	--	U	--	SM ED 7
124NNJM	3.24	S	07/11/1951	12	4.0	6	05/07/1949	0.5	H	Z	SM ED 8
124NNJM	20.00	R	--	--	--	--	--	--	H	P	SM ED 9
124NNJM	12.59	S	09/26/1949	--	--	--	--	--	H	Z	SM ED 10
112PLSC	17.60	S	08/26/1949	--	--	--	--	--	H	Z	SM ED 11
112PLSC	8.31	S	08/11/1949	--	--	--	--	--	H	Z	SM ED 12
124PNPN	20.00	R	05/24/1976	18	3.0	10	05/24/1976	0.6	H	J	SM ED 13
124PNPN	38.00	R	11/22/1973	22	3.0	10	11/22/1973	0.5	H	J	SM ED 14
124PNPN	47.00	R	03/27/1978	11	3.0	10	03/27/1978	0.9	H	J	SM ED 15
124PNPN	12.00	R	11/02/1979	28	3.0	10	11/02/1979	0.4	H	S	SM ED 16
124NNJM	11.31	S	03/19/1947	--	--	--	--	--	H	Z	SM EE 1
124NNJM	4.79	S	03/19/1947	8	--	3	07/10/1946	0.4	H	Z	SM EE 2
124NNJM	1.74	S	03/19/1947	--	--	--	--	--	H	Z	SM EE 3
124NNJM	97.00	R	02/ /1946	63	--	60	02/ /1946	1.0	H	P	SM EE 4
124NNJM	8.32	S	04/09/1947	12	--	5	03/30/1947	0.4	H	--	SM EE 5
124NNJM	4.61	S	04/09/1947	12	--	5	04/01/1947	0.4	H	--	SM EE 6
124NNJM	9.25	S	04/10/1947	10	--	5	04/ /1947	0.5	H	Z	SM EE 7
124NNJM	6.68	S	08/21/1950	12	3.0	6	03/30/1950	0.5	H	Z	SM EE 8
124NNJM	2.00	R	07/30/1948	12	4.0	6	07/30/1948	0.5	H	Z	SM EE 9
124NNJM	3.16	S	05/26/1949	10	5.0	5	06/30/1947	0.5	H	Z	SM EE 10
124NNJM	24.00	R	03/27/1948	3	6.0	4	03/27/1948	1.2	H	Z	SM EE 11
124NNJM	18.00	R	07/20/1948	8	2.5	4	07/20/1948	0.8	H	Z	SM EE 12
124NNJM	3.12	S	05/26/1949	13	5.0	5	10/03/1947	0.4	H	Z	SM EE 13
124NNJM	12.00	R	07/12/1948	8	4.0	5	07/12/1948	0.6	H	Z	SM EE 14
124NNJM	2.86	S	09/26/1949	9	3.0	6	04/24/1948	0.7	H	Z	SM EE 15
124NNJM	90.00	R	09/29/1948	--	--	--	--	--	H	P	SM EE 16
124NNJM	75.00	R	09/01/1947	--	--	8	09/01/1947	--	T	P	SM EE 17
112PLSC	28.00	R	06/ /1949	--	--	--	--	--	H	P	SM EE 18
112PLSC	20.40	S	08/26/1949	--	--	--	--	--	H	B	SM EE 19
112PLSC	14.50	S	08/26/1949	--	--	--	--	--	H	Z	SM EE 20
112PLSC	39.60	S	08/26/1949	--	--	--	--	--	H	B	SM EE 21

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM EE 22	--	REDMAN, G W	--	1946	100	18	--	36.0
SM EE 23	--	STATE OF MARYLAND	--	--	15	8	--	36.0
SM EE 24	--	STATE OF MARYLAND	--	--	100	7	--	36.0
SM EE 25	SM-00-4114	WINTERS, W E	WASH. PUMP & WELL	1949	110	310	5	1.5
SM EE 26	SM-00-4635	RALEY, HARRY C	J J PAYNE & SONS	1949	90	349	--	2.0
SM EE 27	SM-00-5504	MCKAY, ROLAND	J J PAYNE & SONS	1950	9	250	--	1.5
SM EE 28	SM-00-5400	COFFEY, JOHN	J DEAGLE	1950	6	231	26	1.5
SM EE 29	SM-00-4609	DYSON, LEROY	J DEAGLE	1949	20	265	76	1.5
SM EE 30	SM-00-7732	HOLY FACE CHURCH	WASH. PUMP & WELL	1951	89	320	6	5.5
SM EE 31	SM-00-7673	MCKAY'S BEACH FIRE DEPT	J J PAYNE & SONS	1951	2	251	--	1.5
SM EE 32	--	HEWITT, IRVING G	J DEAGLE	1950	105	363	--	2.5
SM EE 33	SM-65-0222	JENKINS, FRANCIS	J J PAYNE & SONS	1965	15	270	126	2.0
SM EE 34	SM-05-0219	2 DIST FIRE CO	SHANNAHAN ART. WELL	1963	45	478	21	2.0
SM EE 35	SM-05-2384	C&P TELEPHONE	J J PAYNE & SONS	1963	45	315	20	1.5
SM EE 36	SM-03-7591	PRICE, CHARLES	J J PAYNE & SONS	1960	90	377	20	2.0
SM EE 37	SM-03-2457	ST GEORGES CHURCH	J DEAGLE	1958	45	295	33	2.5
SM EE 38	SM-02-3113	LITTLE FLOWER SCHOOL	PATUXENT PUMP & WELL	1956	85	380	15	6.0
SM EE 39	SM-04-4048	MUNDIE, JAMES F	J J PAYNE & SONS	1961	15	286	20	2.0
SM EE 40	SM-67-0242	LUMKIN, JAMES M	J J PAYNE & SONS	1967	7	273	126	2.0
SM EE 41	SM-73-1692	ST MARYS CO TECHNICAL CTR	J J PAYNE & SONS	1975	105	375	20	2.0
SM EE 42	SM-73-1174	LAWRENCE, NATHANIEL	J J PAYNE & SONS	1975	93	340	20	2.0
SM EE 43	SM-73-0644	HUGHES, WALTER	J DEAGLE	1974	110	405	85	2.0
SM EE 44	SM-70-0190	KNOTT, IRVING	J J PAYNE & SONS	1970	90	360	20	2.0
SM EE 45	SM-70-0284	MATHEWS TRAILER PARK	J J PAYNE & SONS	1970	30	306	20	2.0
SM EE 46	SM-73-0265	SHEPPARD, JOE	PATUXENT PUMP & WELL	1973	42	296	23	2.0
SM EE 47	SM-73-0333	NELSON, J C	R LEATHERBURY	1972	115	475	15	1.0
SM EE 48	SM-73-3459	SAWYER, WALTER	BRANHAM CONTRACTORS	1979	95	325	10	2.0
SM EF 1	SM-00-0530	LANGLEY, PHILLIP	J J PAYNE & SONS	1946	25	294	--	1.5
SM EF 2	--	LANGLEY, PHILLIP	J J PAYNE & SONS	1940	25	14	--	1.5
SM EF 3	SM-00-0710	HILLS TRAILER PARK	WASH. PUMP & WELL	1946	100	307	12	6.0
SM EF 4	--	ST MARY'S FEMALE SEMINARY	WASH. PUMP & WELL	1936	20	661	14	6.0
SM EF 5	--	ST MARY'S FEMALE SEMINARY	--	--	20	--	--	--
SM EF 6	--	ST MARY'S FEMALE SEMINARY	--	--	20	--	--	--
SM EF 7	--	LENHARDT, CHARLES	--	--	65	28	--	--
SM EF 8	--	BROOME FARM	--	--	8	185	--	1.5
SM EF 9	SM-00-1318	GARNER, DONALD	J J PAYNE & SONS	1947	13	284	--	1.5
SM EF 10	SM-00-2709	LANG, VERA	R WATTS	1948	110	380	--	2.0
SM EF 11	SM-00-2969	BOHANAN, F D	R WATTS	1948	20	295	--	2.0
SM EF 12	SM-00-1497	PEMBROKE, R H	J J PAYNE & SONS	1947	19	300	20	1.5
SM EF 13	SM-00-2736	HOHENSEE, B G	WASH. PUMP & WELL	1948	85	308	9	6.0
SM EF 14	SM-00-0642	WATTS, R J	R WATTS	1947	5	280	--	2.0
SM EF 15	SM-00-1314	LAUXMAN, OSCAR	R WATTS	1947	6	285	--	2.0
SM EF 16	SM-00-3774	CHARLES CO COMM COLL @ SM CO	J WILSON	1949	42	315	51	2.0
SM EF 17	--	STEEL, HEATH	WASH. PUMP & WELL	1943	32	497	21	6.0
SM EF 18	--	WATTS, R J	--	1944	5	27	--	1.0
SM EF 19	--	DYSON, ERNEST	--	1947	110	27	--	41.0
SM EF 20	--	BALTA, PAUL R	--	1946	35	17	--	36.0
SM EF 21	--	HOWARD, J S	J DEAGLE	1949	25	350	--	2.0
SM EF 22	--	MULLISON, H	--	--	120	38	--	36.0
SM EF 23	--	AUD, M	--	--	30	10	--	36.0
SM EF 24	--	FENWICK, MARY	--	1946	105	32	--	36.0
SM EF 25	--	COPPAGE, MRS HERMAN	--	--	105	24	--	36.0
SM EF 26	--	ADAMS, THOMAS	--	--	25	8	--	36.0
SM EF 27	--	COAD, J A	L RUDE & SON	1909	1	488	18	1.5
SM EF 28	--	COAD, J A	ADAMS	1904	5	277	197	1.5
SM EF 29	--	STEVENS, ROBERT	--	1947	90	14	--	36.0
SM EF 30	--	SHEEHAN, J C	R G CLARKE	--	7	290	--	1.5
SM EF 31	--	HEWITT, I G	--	--	20	--	--	1.5
SM EF 32	--	SHEEHAN, J C	--	--	20	295	--	1.5
SM EF 33	--	DICKEY, E	--	--	15	280	--	1.5
SM EF 34	--	DICKEY, E	--	--	12	280	--	1.5
SM EF 35	--	BOOTH, FRANK A	--	1850	15	14	--	30.0
SM EF 36	--	THOMPSON, E X	R G CLARKE	1944	15	295	--	1.5
SM EF 37	--	BLAGOJEVICH, M R	--	--	50	20	--	36.0
SM EF 38	--	BLAGOJEVICH, M R	R G CLARKE	1939	3	300	--	1.5
SM EF 39	--	EDWARDS, LUTHER	--	--	20	--	--	1.5
SM EF 40	SM-00-1763	COBB, L L	J DEAGLE	1947	10	336	105	2.0
SM EF 41	SM-00-5577	HOPKINS, MARION B	J DEAGLE	1950	85	378	63	1.5
SM EF 42	--	STRICKLAND, D M	--	1949	10	32	--	6.0
SM EF 43	--	DENT, J L	--	--	55	13	--	36.0
SM EF 44	SM-00-5550	WEBB, R L	J J PAYNE & SONS	1950	40	305	--	2.0
SM EF 45	SM-00-4909	MCCONNELL, CHARLES	R WATTS	1950	100	320	190	3.0
SM EF 46	SM-00-5205	CZARRA, R S	J J PAYNE & SONS	1950	5	302	--	2.0
SM EF 47	SM-00-7986	NORRIS, ELMER	J DEAGLE	1951	30	280	40	--
SM EF 48	--	COOMB'S AMOCO SERVICE STN	--	1930	10	--	--	1.2

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
112PLSC	14.28	S	09/12/1949	--	--	--	--	--	H	Z	SM EE 22
112PLSC	2.48	S	07/01/1949	--	--	--	--	--	U	--	SM EE 23
112PLSC	2.13	S	07/01/1949	--	--	--	--	--	U	--	SM EE 24
124NNJM	100.17	S	07/07/1949	36	10.0	27	07/06/1949	0.8	H	J	SM EE 25
124NNJM	90.00	R	09/15/1949	--	--	3	09/15/1949	--	H	--	SM EE 26
124NNJM	6.00	R	03/24/1950	--	--	--	--	--	H	Z	SM EE 27
124NNJM	4.00	R	03/15/1950	8	6.0	12	03/15/1950	1.5	H	Z	SM EE 28
124NNJM	17.24	S	09/26/1949	4	8.0	5	09/06/1949	0.6	H	Z	SM EE 29
124PNPN	90.00	S	05/18/1951	183	12.0	55	05/18/1951	0.3	T	Z	SM EE 30
124NNJM	8.12	S	05/22/1951	13	4.0	9	04/07/1951	0.7	F	--	SM EE 31
124NNJM	--		--	--	--	--	--	--	H	P	SM EE 32
124NNJM	17.00	R	06/25/1965	109	3.0	25	06/25/1965	0.2	H	U	SM EE 33
125AQUI	53.00	R	04/26/1963	62	12.0	50	04/26/1963	0.8	F	S	SM EE 34
124NNJM	45.00	R	07/20/1963	18	3.0	10	07/20/1963	0.6	C	J	SM EE 35
124PNPN	95.00	R	03/25/1960	25	5.0	18	03/25/1960	0.7	C	--	SM EE 36
124PNPN	42.00	R	10/20/1958	--	8.0	15	10/20/1958	--	T	J	SM EE 37
124PNPN	89.93	S	05/31/1966	40	5.0	30	06/12/1956	0.8	T	S	SM EE 38
124NNJM	10.00	R	08/19/1961	15	4.0	6	08/19/1961	0.4	H	J	SM EE 39
124NNJM	11.90	S	06/08/1967	10	5.0	10	05/13/1967	1.0	H	U	SM EE 40
124PNPN	104.32	S	04/ /1976	37	3.0	30	12/03/1975	0.8	H	S	SM EE 41
124PNPN	99.90	S	04/ /1976	31	3.0	30	02/26/1975	1.0	H	S	SM EE 42
124PNPN	126.04	S	10/12/1978	--	--	--	--	--	H	S	SM EE 43
124PNPN	108.00	R	04/06/1970	22	4.0	30	04/06/1970	1.4	I	S	SM EE 44
124PNPN	75.47	S	07/06/1978	21	3.0	30	06/11/1970	1.4	P	S	SM EE 45
124PNPN	44.00	R	03/03/1973	36	4.0	40	03/03/1973	1.1	H	S	SM EE 46
124PNPN	140.00	R	06/20/1972	33	2.0	7	06/20/1972	0.2	H	J	SM EE 47
124PNPN	104.00	R	09/19/1979	25	3.0	32	09/19/1979	1.3	H	S	SM EE 48
124NNJM	25.00	R	06/14/1946	--	--	--	--	--	H	P	SM EF 1
112PLSC	--		--	--	--	--	--	--	U	Z	SM EF 2
124NNJM	109.00	S	11/ /1966	45	--	20	08/12/1946	0.5	U	J	SM EF 3
125AQUI	--	F	06/11/1946	--	--	--	--	--	T	T	SM EF 4
--	--		--	--	--	--	--	--	U	--	SM EF 5
--	--		--	--	--	--	--	--	U	--	SM EF 6
112PLSC	--		--	--	--	--	--	--	H	Z	SM EF 7
--	--		--	--	--	--	--	--	H	C	SM EF 8
124NNJM	10.07	S	04/10/1947	10	--	5	04/ /1947	0.5	H	Z	SM EF 9
124NNJM	--		--	--	10.0	3	06/18/1948	--	H	P	SM EF 10
124NNJM	17.00	R	08/12/1948	--	12.0	8	08/12/1948	--	H	J	SM EF 11
124NNJM	22.50	R	06/09/1947	4	10.0	5	06/09/1947	1.5	H	Z	SM EF 12
124NNJM	100.00	R	07/02/1948	25	12.0	30	07/02/1948	1.2	H	T	SM EF 13
124NNJM	9.48	S	07/24/1951	7	48.0	7	04/28/1947	1.0	H	Z	SM EF 14
124NNJM	7.00	R	04/19/1947	8	--	7	04/19/1947	1.0	H	Z	SM EF 15
124NNJM	40.00	R	05/13/1949	10	24.0	10	05/13/1949	1.0	T	P	SM EF 16
125AQUI	44.81	S	10/06/1950	88	--	109	01/18/1943	1.4	H	T	SM EF 17
--	--		--	--	--	--	--	--	U	--	SM EF 18
112PLSC	23.00	S	07/27/1949	--	--	--	--	--	H	B	SM EF 19
112PLSC	15.80	S	07/27/1949	--	--	--	--	--	H	Z	SM EF 20
124NNJM	20.11	S	08/26/1949	8	6.0	8	06/01/1949	1.0	H	P	SM EF 21
112PLSC	32.00	S	08/18/1949	--	--	--	--	--	H	B	SM EF 22
112PLSC	7.00	S	08/19/1949	--	--	--	--	--	H	Z	SM EF 23
112PLSC	28.30	S	08/19/1949	--	--	--	--	--	H	B	SM EF 24
112PLSC	22.20	S	08/19/1949	--	--	--	--	--	H	B	SM EF 25
112PLSC	6.80	S	08/19/1949	--	--	--	--	--	H	P	SM EF 26
125AQUI	7.72	S	09/09/1949	--	--	--	--	--	U	--	SM EF 27
124NNJM	--	F	--	--	--	--	--	--	H	Z	SM EF 28
112PLSC	10.00	S	08/19/1949	--	--	--	--	--	H	Z	SM EF 29
124NNJM	8.00	R	--	--	--	--	--	--	C	Z	SM EF 30
124NNJM	7.71	S	09/16/1949	--	--	--	--	--	U	Z	SM EF 31
124NNJM	--		--	--	--	--	--	--	H	Z	SM EF 32
124NNJM	--		--	--	--	--	--	--	H	Z	SM EF 33
124NNJM	--		--	--	--	--	--	--	H	Z	SM EF 34
112PLSC	7.30	S	09/09/1949	--	--	--	--	--	H	Z	SM EF 35
124NNJM	--		--	--	--	--	--	--	--	Z	SM EF 36
112PLSC	18.70	S	09/09/1949	--	--	--	--	--	U	--	SM EF 37
124NNJM	--		--	--	--	--	--	--	H	Z	SM EF 38
124NNJM	--		--	--	--	--	--	--	H	Z	SM EF 39
124NNJM	6.00	R	09/25/1947	4	7.0	12	09/25/1947	3.0	H	Z	SM EF 40
124NNJM	90.00	R	04/21/1950	--	--	--	--	--	H	P	SM EF 41
112PLSC	2.00	R	06/09/1950	--	--	--	--	--	H	Z	SM EF 42
112PLSC	9.81	S	08/02/1950	--	--	--	--	--	H	Z	SM EF 43
124NNJM	40.00	R	04/04/1950	17	3.0	3	04/04/1950	0.2	H	P	SM EF 44
124NNJM	80.00	R	03/12/1950	--	20.0	6	03/12/1950	--	H	P	SM EF 45
124NNJM	14.00	R	01/ /1950	--	4.0	4	01/ /1950	--	H	Z	SM EF 46
124NNJM	30.00	R	05/28/1951	--	8.0	15	05/28/1951	--	H	J	SM EF 47
124NNJM	10.47	S	07/13/1951	--	--	--	--	--	C,H	Z	SM EF 48

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM EF 49	--	HOOT SANITARY CHICKEN FARM	R WATTS	--	105	--	--	--
SM EF 50	SM-00-7873	MILLICENT, H	R WATTS	1951	121	410	55	2.0
SM EF 51	SM-65-0224	SALVIOLI, ALEX	PATUXENT PUMP & WELL	1965	95	400	24	2.0
SM EF 52	SM-65-0089	ANTINOVICH, J A	PATUXENT PUMP & WELL	1964	95	390	20	2.0
SM EF 53	SM-65-0153	PARK HALL ELEM SCHOOL	PATUXENT PUMP & WELL	1965	85	361	15	6.0
SM EF 54	SM-65-0157	STATESMAN, AL	J J PAYNE & SONS	1965	110	363	20	1.5
SM EF 55	SM-04-5842	DENT, BENJAMIN	J DEAGLE	1962	30	315	52	1.5
SM EF 56	SM-67-0089	USGS- GREAT MILLS	EAST COAST WELL & PUMP	1966	108	1509	--	7.0
SM EF 57	SM-67-0089	USGS- GREAT MILLS	EAST COAST WELL & PUMP	1966	108	322	5	4.0
SM EF 58	SM-67-0253	LANGLEY, P	J DEAGLE	1967	70	310	--	1.5
SM EF 59	--	USGS- GREAT MILLS	EAST COAST WELL & PUMP	1966	110	222	--	--
SM EF 61	SM-73-1633	SLUSSER, E	J J PAYNE & SONS	1975	85	380	20	2.0
SM EF 62	SM-73-1236	BENNETT, JOHN	J DEAGLE	1974	87	385	80	2.0
SM EF 63	SM-73-1135	YOUNG, JAMES	PATUXENT PUMP & WELL	1974	79	350	20	2.0
SM EF 64	SM-73-1041	CANDELL	PATUXENT PUMP & WELL	1974	109	400	15	2.0
SM EF 65	SM-00-9775	HILLS TRAILER PARK	WASH. PUMP & WELL	1952	94	297	8	5.5
SM EF 66	SM-03-4212	HILLS TRAILER PARK	PATUXENT PUMP & WELL	1959	94	335	15	5.0
SM EF 67	SM-73-2229	AUD, CHARLES E	C BATES	1977	40	335	83	2.0
SM EF 68	SM-73-0258	LESSARD, ART	J DEAGLE	1972	100	385	73	1.0
SM EF 69	SM-69-0027	ST MARYS COLLEGE	SHANNAHAN ART. WELL	1968	44	740	26	4.0
SM EF 70	SM-73-1748	ST MARYS RACQUET CLUB	J J PAYNE & SONS	1976	99	340	20	2.0
SM EF 71	SM-73-3178	ADAMS, JOHN A	J J PAYNE & SONS	1979	50	340	20	2.0
SM EF 72	SM-73-3403	CONDON, ALLEN	PATUXENT PUMP & WELL	1979	80	355	15	2.0
SM EF 73	SM-73-3031	CHAPMAN DEVELOPMENT CO	PATUXENT PUMP & WELL	1978	90	360	15	2.0
SM EF 74	SM-73-3474	SHEPHERD, WALTER F	J J PAYNE & SONS	1979	90	375	15	2.0
SM EF 75	SM-73-3505	THOMPSON, JOHN	PATUXENT PUMP & WELL	1979	110	400	15	2.0
SM EF 76	SM-73-0647	ST CECILIAS CHURCH	PATUXENT PUMP & WELL	1973	85	400	15	2.0
SM EF 77	SM-73-1657	SWALES, WALTER	PATUXENT PUMP & WELL	1975	110	400	15	2.0
SM EG 1	SM-00-0751	ELMS, J W	J DEAGLE	1946	6	339	129	1.5
SM EG 2	--	ELMS, J W	--	--	15	--	--	--
SM EG 3	SM-00-0698	ELMS, J W	J DEAGLE	1946	14	387	177	1.5
SM EG 4	SM-00-0689	CARROLL, MAGGIE	J DEAGLE	1946	10	388	173	1.5
SM EG 5	--	WISE, G H	--	1915	9	14	--	36.0
SM EG 6	--	WISE, G H	G WISE --	1941	4	7	--	24.0
SM EG 7	SM-00-0657	VEITCH, F P	R WATTS	1946	23	300	185	2.0
SM EG 8	--	ZIMMERMAN	--	--	20	18	--	--
SM EG 9	--	ZIMMERMAN	--	--	25	15	--	--
SM EG 10	--	ZIMMERMAN	--	--	30	25	--	--
SM EG 11	SM-00-1313	OCKER, E H	R WATTS	1947	10	300	--	2.0
SM EG 12	--	FISH, A L	--	1948	100	39	--	36.0
SM EG 13	--	FISH, A L	--	--	100	26	--	39.0
SM EG 14	--	WISE, WILLIAM O	--	1948	100	31	--	36.0
SM EG 15	--	HAMMET, J R	--	--	90	22	--	36.0
SM EG 16	SM-00-6600	MCINERY, T A	J J PAYNE & SONS	1950	11	315	20	1.5
SM EG 17	SM-00-7317	DOYLE, G B	J J PAYNE & SONS	--	105	389	--	2.0
SM EG 18	SM-00-7873	DAVIS, J R	R WATTS	--	--	410	--	3.0
SM EG 19	SM-04-0458	BARONIAK, JOHN	PATUXENT PUMP & WELL	1960	85	407	27	2.5
SM EG 20	SM-05-1771	ANDERSON, KATY B	R G CLARKE	1963	10	360	--	2.5
SM EG 21	SM-04-0953	NOEL, ROBERT L	J HARRISON	1960	105	389	95	1.5
SM EG 22	SM-03-1138	ST JAMES HALL	PATUXENT PUMP & WELL	1958	105	428	18	2.5
SM EG 23	SM-67-0271	CULLISON, LEON A	J DEAGLE	1967	107	435	62	1.5
SM EG 24	SM-73-1028	PATUXENT RIVER ASSEM OF GOD	PATUXENT PUMP & WELL	1974	103	420	15	2.0
SM EG 25	SM-73-1142	HOLDERMAN, MONTFORD K	J DEAGLE	1974	15	367	199	2.0
SM EG 26	SM-73-0933	MILGRIM, LEONARD	J DEAGLE	1974	105	420	83	2.0
SM EG 27	SM-73-1993	USGS- ST JAMES	PATUXENT PUMP & WELL	1976	10	320	10	2.0
SM EG 28	SM-73-1991	USGS- ST JAMES	PATUXENT PUMP & WELL	1976	10	545	10	2.0
SM EG 29	SM-70-0140	FRIENDLY MOBILE MANOR INC	W FREEMAN	--	105	335	10	4.0
SM EG 30	SM-73-0377	SPRING RIDGE MIDDLE SCHOOL	SHANNAHAN ART. WELL	1973	114	428	43	6.0
SM EG 31	SM-73-1277	CORSON, A W	J DEAGLE	1975	100	440	80	2.0
SM EG 32	SM-73-3602	NOLAN, FRANCES	E SCHOFIELD	1980	105	405	10	2.0
SM EG 33	SM-73-3440	MCMAHON, J E	BRANHAM CONTRACTORS	1979	85	370	10	2.0
SM FE 1	--	LUNDEBERG SEAMANSHIP SCHOOL	WASH. PUMP & WELL	1942	5	412	12	6.0
SM FE 2	--	LUNDEBERG SEAMANSHIP SCHOOL	WASH. PUMP & WELL	1943	10	432	20	8.0
SM FE 3	--	BLACKWELL, ELMER	J J PAYNE & SONS	1946	9	260	--	1.5
SM FE 4	SM-00-0646	PUCHETTI, MRS N	J DEAGLE	1946	3	275	107	1.5
SM FE 5	SM-00-1287	BAILY, CHARLES	J J PAYNE & SONS	1947	10	252	--	1.5
SM FE 6	SM-00-1317	FED PUBLIC HOUSING AUTHORITY	J J PAYNE & SONS	1947	8	260	--	1.5
SM FE 7	SM-00-1307	GODDARD, JOE	J J PAYNE & SONS	1947	2	252	--	1.5
SM FE 8	--	GODDARD, JOE	--	--	7	15	--	43.0
SM FE 9	SM-00-2946	TRUITT, M D	J DEAGLE	1948	6	273	--	1.5
SM FE 10	SM-00-2080	BURCH, JAMES C	J J PAYNE & SONS	1947	5	252	--	1.5
SM FE 11	SM-00-1290	PEYTON, EVELYN	J DEAGLE	1947	6	252	63	1.5
SM FE 12	--	TRUITT, M D	--	--	15	--	--	48.0
SM FE 13	SM-00-4118	THOMPSON, FLOYD	J DEAGLE	1949	5	252	42	1.5
SM FE 14	SM-00-1562	FORREST, MARIE	J J PAYNE & SONS	1947	6	251	--	1.5
SM FE 15	SM-00-1685	CAMERON, MALCOLM	J J PAYNE & SONS	1947	5	254	--	1.5

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
--	--		--	--	--	--	--	--	H	--	SM EF 49
124NNJM	100.00	R	09/08/1951	--	8.0	8	09/08/1951	--	S	P	SM EF 50
124NNJM	110.00	R	07/01/1965	31	4.0	30	07/01/1965	1.0	H	J	SM EF 51
124NNJM	110.00	R	10/26/1964	30	4.0	30	10/26/1964	1.0	H	J	SM EF 52
124NNJM	78.00	S	04/14/1966	90	8.0	75	06/12/1965	0.8	T	T	SM EF 53
124NNJM	118.00	R	03/04/1965	8	3.5	4	03/04/1965	0.5	H	J	SM EF 54
124NNJM	42.00	R	03/20/1962	--	6.0	10	03/20/1962	--	H	J	SM EF 55
--	--		--	--	--	--	--	--	U	--	SM EF 56
124PNPN	114.46	S	12/15/1966	185	4.0	45	--	0.2	U	--	SM EF 57
124NNJM	37.90	S	06/20/1967	--	--	--	--	--	H	J	SM EF 58
--	--		--	--	--	--	--	--	U	--	SM EF 59
124PNPN	88.74	S	04/ /1976	17	3.0	30	12/12/1975	1.8	H	S	SM EF 61
124PNPN	21.67	S	04/02/1976	64	4.0	15	09/15/1974	0.2	H	S	SM EF 62
124PNPN	96.60	S	04/ /1976	50	2.0	30	09/03/1974	0.6	H	S	SM EF 63
124PNPN	77.68	S	07/24/1974	56	3.0	30	07/24/1974	0.5	H	S	SM EF 64
124PNPN	87.00	R	12/ /1952	69	12.0	55	12/ /1952	0.8	P	Z	SM EF 65
124PNPN	90.00	R	04/23/1959	40	4.0	45	04/23/1959	1.1	P	T	SM EF 66
124PNPN	30.00	R	02/03/1977	60	4.0	60	02/03/1977	1.0	H	S	SM EF 67
124PNPN	--		--	--	7.0	18	11/18/1972	--	H	J	SM EF 68
125AQUI	75.78	S	08/30/1978	27	24.0	107	08/ /1968	4.0	P	T	SM EF 69
124PNPN	100.73	S	08/09/1978	29	3.0	30	05/26/1976	1.0	C	--	SM EF 70
124PNPN	65.00	R	02/02/1979	19	3.0	30	02/02/1979	1.6	H	S	SM EF 71
124PNPN	110.00	R	07/05/1979	30	3.0	25	07/05/1979	0.8	H	S	SM EF 72
124PNPN	104.00	R	09/01/1978	41	3.0	20	09/01/1978	0.5	H	S	SM EF 73
124PNPN	103.00	R	11/30/1979	23	3.0	25	11/30/1979	1.1	H	S	SM EF 74
124PNPN	100.00	R	09/27/1979	45	3.0	25	09/27/1979	0.6	H	S	SM EF 75
124PNPN	112.00	R	12/13/1973	53	3.0	25	12/13/1973	0.5	H	S	SM EF 76
124PNPN	125.00	R	12/05/1975	35	3.0	20	12/05/1975	0.6	H	S	SM EF 77
124NNJM	10.36	S	11/15/1946	--	--	--	--	--	H	Z	SM EG 1
112PLSC	--		--	--	--	--	--	--	H	P	SM EG 2
124NNJM	12.99	S	11/15/1946	--	--	5	08/08/1946	--	H	Z	SM EG 3
124NNJM	8.36	S	11/20/1946	--	--	8	08/ /1946	--	H	Z	SM EG 4
112PLSC	13.04	S	11/20/1946	--	--	--	--	--	H	B	SM EG 5
112PLSC	3.41	S	11/20/1946	--	--	--	--	--	H	B	SM EG 6
124NNJM	17.68	S	03/18/1947	12	--	6	08/06/1946	0.5	H	Z	SM EG 7
112PLSC	--		--	--	--	--	--	--	H	Z	SM EG 8
112PLSC	11.78	S	03/18/1947	--	--	--	--	--	H	Z	SM EG 9
112PLSC	--		--	--	--	--	--	--	U	Z	SM EG 10
124NNJM	12.00	R	07/01/1947	--	10.0	8	07/01/1947	--	H	J	SM EG 11
112PLSC	24.50	S	08/03/1949	--	--	--	--	--	H	B	SM EG 12
112PLSC	21.40	S	08/03/1949	--	--	--	--	--	H	B	SM EG 13
112PLSC	29.10	S	09/07/1949	--	--	--	--	--	H	Z	SM EG 14
112PLSC	20.20	S	06/09/1950	--	--	--	--	--	H	B	SM EG 15
124NNJM	18.00	R	09/05/1950	7	3.5	5	09/05/1950	0.7	H	J	SM EG 16
124NNJM	108.00	R	02/15/1951	--	--	5	02/15/1951	--	H	P	SM EG 17
124NNJM	99.30	S	07/19/1951	--	--	--	--	--	H	P	SM EG 18
124NNJM	112.00	R	10/01/1960	27	4.0	30	10/01/1960	1.1	H	J	SM EG 19
124NNJM	46.00	R	05/21/1963	14	7.0	20	05/21/1963	1.4	H	J	SM EG 20
124NNJM	95.00	R	12/03/1960	--	8.0	9	12/03/1960	--	H	U	SM EG 21
124NNJM	110.00	R	07/05/1958	37	4.0	25	07/05/1958	0.7	T	J	SM EG 22
124NNJM	118.00	R	06/13/1967	--	6.0	12	06/13/1967	--	H	U	SM EG 23
124PNPN	115.45	S	04/ /1976	53	2.0	30	08/22/1974	0.6	I	S	SM EG 24
124PNPN	29.53	S	04/ /1976	27	2.0	21	09/19/1974	0.8	H	S	SM EG 25
124PNPN	118.95	S	05/27/1976	17	3.0	12	06/10/1974	0.7	H	S	SM EG 26
124PNPN	20.95	S	10/05/1976	24	4.0	25	07/23/1976	1.0	U	--	SM EG 27
125AQUI	20.00	R	07/22/1976	205	3.0	1	07/22/1976	0.0	U	--	SM EG 28
124PNPN	180.00	R	--	35	10.0	25	--	0.7	P	S	SM EG 29
124PNPN	123.21	S	08/24/1978	17	10.0	40	09/29/1973	2.4	T	S	SM EG 30
124PNPN	16.00	R	01/30/1975	94	2.0	40	01/30/1975	0.4	H	S	SM EG 31
124PNPN	120.00	R	02/05/1980	25	3.0	50	02/05/1980	2.0	H	S	SM EG 32
124PNPN	115.00	R	07/19/1979	20	4.0	42	07/19/1979	2.1	H	S	SM EG 33
125AQUI	8.66	S	05/18/1950	--	--	25	1942	--	T	T	SM FE 1
125AQUI	8.00	R	04/ /1943	--	--	--	--	--	T	T	SM FE 2
124NNJM	6.00	R	06/ /1946	12	--	3	06/ /1946	0.2	H	Z	SM FE 3
124NNJM	1.85	S	03/19/1947	--	--	10	1946	--	H	Z	SM FE 4
124NNJM	3.50	R	03/27/1947	--	--	5	03/27/1947	--	H	--	SM FE 5
124NNJM	1.50	R	04/03/1947	5	--	10	04/03/1947	0.5	H	Z	SM FE 6
124NNJM	0.78	S	04/09/1947	10	--	5	04/05/1947	0.5	H	U	SM FE 7
112PLSC	3.00	S	04/09/1947	--	--	--	--	--	T	Z	SM FE 8
124NNJM	15.00	R	07/30/1948	3	8.0	11	07/30/1948	3.7	H	Z	SM FE 9
124NNJM	6.19	S	06/24/1949	8	3.0	5	11/15/1947	0.7	H	U	SM FE 10
124NNJM	7.90	S	06/24/1949	7	6.0	12	04/ /1947	1.7	H	U	SM FE 11
112PLSC	9.00	S	07/01/1949	--	--	--	--	--	H	U	SM FE 12
124NNJM	3.00	R	06/02/1949	5	12.0	12	06/02/1949	2.2	U	Z	SM FE 13
124NNJM	2.50	R	06/18/1947	8	3.0	5	06/18/1947	1.5	H	Z	SM FE 14
124NNJM	5.00	R	08/06/1947	12	4.0	5	08/06/1947	0.4	H	J	SM FE 15

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM FE 16	--	BRADBURN, C B	--	--	10	8	--	36.0
SM FE 17	SM-00-2981	JOHNSON, R T	J DEAGLE	1948	3	252	42	1.5
SM FE 18	SM-00-4323	CECIL, PAUL	J J PAYNE & SONS	1949	6	252	--	1.5
SM FE 19	SM-00-2393	CECIL, PAUL	J DEAGLE	1948	5	231	63	1.5
SM FE 20	SM-00-4436	KLOMAN, W C	J DEAGLE	1949	7	245	25	1.5
SM FE 21	--	LUNDEBERG SEAMANSHIP SCHOOL	WASH. PUMP & WELL	1941	9	409	12	6.0
SM FE 22	--	US COAST GUARD	R LEATHERBURY	1945	3	300	90	2.0
SM FE 23	SM-00-5474	STEUART PETROLEUM CO	WASH. PUMP & WELL	1950	3	405	8	8.0
SM FE 24	SM-00-5443	STEUART PETROLEUM CO	WASH. PUMP & WELL	1950	5	411	8	4.0
SM FE 25	--	BURCH, JAMES	--	--	2	--	--	2.0
SM FE 26	SM-65-0226	GARNER, J B	J DEAGLE	1965	12	248	77	1.5
SM FE 27	SM-67-0161	PUCHETTI, ARTHUR	J J PAYNE & SONS	1966	10	260	20	2.0
SM FE 28	SM-67-0255	BLACKWELL, WILLIAM J	J DEAGLE	1967	7	248	77	1.5
SM FE 29	SM-73-1428	KERBE, WILMER	PATUXENT PUMP & WELL	1975	5	260	15	2.0
SM FE 30	SM-73-1917	USGS- PINEY PT	PATUXENT PUMP & WELL	1976	9	270	10	2.0
SM FE 31	SM-73-3088	USGS- PINEY PT	SHANNAHAN ART. WELL	1978	8	458	10	2.0
SM FE 32	SM-73-2350	LUNDEBERG SEAMANSHIP SCHOOL	J J PAYNE & SONS	1977	12	460	20	2.0
SM FE 33	SM-73-2351	LUNDEBERG SEAMANSHIP SCHOOL	J J PAYNE & SONS	1977	12	460	20	2.0
SM FE 34	SM-73-2731	BROWN, HAZEL	J J PAYNE & SONS	1978	6	450	20	2.0
SM FE 35	SM-73-0330	STEUART PETROLEUM CO	J J PAYNE & SONS	1973	10	265	20	2.0
SM FE 36	SM-73-0896	STEUART PETROLEUM CO	J J PAYNE & SONS	1974	6	440	24	--
SM FE 37	--	STEUART PETROLEUM CO	--	--	5	--	--	--
SM FE 38	--	STEUART PETROLEUM CO	--	--	--	--	--	--
SM FF 1	SM-00-1126	SENIOR, ALBERT	J DEAGLE	1947	5	279	90	1.5
SM FF 2	--	SENIOR, ALBERT	--	--	4	234	--	1.5
SM FF 3	--	--	--	--	1	--	--	--
SM FF 4	--	CAMP MERRYELANDE	--	--	4	--	--	2.5
SM FF 5	--	CAMP MERRYELANDE	--	--	4	44	--	--
SM FF 6	SM-00-1288	BYRNES, J C	J J PAYNE & SONS	1947	10	256	--	1.5
SM FF 7	--	BYRNES, J C	J J PAYNE & SONS	1946	5	270	--	1.5
SM FF 8	--	DEAGLE, JAMES E	J DEAGLE	1946	5	285	117	1.5
SM FF 9	SM-00-1323	MCKAY, THOMAS	J J PAYNE & SONS	1947	3	273	--	1.5
SM FF 10	--	ADAM BROTHERS	--	--	5	--	--	--
SM FF 11	SM-00-2471	BOOTHE, JOE	J J PAYNE & SONS	1948	13	256	--	--
SM FF 12	--	RIDGELL, CARTER	--	--	8	9	--	30.0
SM FF 13	--	US NAVY- WEBSTER FIELD	--	--	9	7	--	60.0
SM FF 14	--	KEY, W	--	--	10	7	--	36.0
SM FF 15	--	GOLDBACH	--	--	5	530	--	2.0
SM FF 16	--	GOLDBACH	--	--	5	270	--	--
SM FF 17	--	GOLDBACH	--	--	5	270	--	--
SM FF 18	--	GOLDBACH	--	--	8	270	--	--
SM FF 19	--	MAGEE, R A	--	--	5	--	--	--
SM FF 20	--	US NAVY- WEBSTER FIELD	--	--	9	268	--	1.5
SM FF 21	--	US NAVY- WEBSTER FIELD	WASH. PUMP & WELL	1945	10	486	22	8.0
SM FF 22	SM-00-4514	BOARD OF EDUCATION	J DEAGLE	1949	3	265	29	1.5
SM FF 23	--	WOODBURN, R	--	--	10	12	--	--
SM FF 24	SM-00-4282	HENDERSON, LYNWOOD	J J PAYNE & SONS	1949	4	265	--	1.5
SM FF 25	SM-00-1455	HENDERSON, MYRLE	R CLARKE	1947	4	307	20	1.5
SM FF 26	SM-00-4238	TWILLY, R	J J PAYNE & SONS	1949	5	263	--	1.5
SM FF 27	--	BOWLES, L	--	1948	12	14	--	36.0
SM FF 28	SM-00-4457	GODDARD, JOE	R WATTS	1949	5	290	78	1.2
SM FF 29	SM-00-5435	BALDASON, J L	J J PAYNE & SONS	1950	10	262	--	1.5
SM FF 30	SM-00-9241	US NAVY	LAYNE-ATLANTIC	1951	4	259	10	2.0
SM FF 31	SM-00-7907	DODSON, F E	J J PAYNE & SONS	--	2	--	--	--
SM FF 32	SM-05-0550	MAGEE, ROBERT	J J PAYNE & SONS	1963	10	297	--	2.0
SM FF 33	SM-67-0181	CUTCHEMBER, JAMES	J DEAGLE	1967	10	255	25	1.5
SM FF 34	SM-01-0166	US NAVY	WASH. PUMP & WELL	1952	10	287	7	6.0
SM FF 35	SM-73-1496	US NAVY	A C SCHULTES & SONS	1975	5	537	50	4.0
SM FF 36	SM-73-1478	KITTS PT UTILITY CORP	PATUXENT PUMP & WELL	1975	7	618	24	8.0
SM FF 37	SM-73-1479	KITTS PT UTILITY CORP	PATUXENT PUMP & WELL	1975	7	618	24	4.0
SM FF 38	SM-73-1130	LAWRENCE, JOHN	PATUXENT PUMP & WELL	1974	10	325	15	2.0
SM FF 39	SM-69-0098	GARDINER, TRACY	J J PAYNE & SONS	1968	10	273	20	1.5
SM FF 40	SM-73-3402	FRIEND, BILLY	PATUXENT PUMP & WELL	1979	20	332	14	2.0
SM FF 41	SM-73-0952	FISHMAN	J DEAGLE	1974	10	359	129	2.0
SM FF 42	SM-73-3214	MILLER, HARRY	J J PAYNE & SONS	1979	15	365	20	1.0
SM FG 1	SM-00-0792	LONG, C F	J DEAGLE	1946	5	378	--	1.5
SM FG 2	--	LONG, C F	--	1910	2	--	--	--
SM FG 3	SM-00-0502	WHEATLEY, RAYMOND	B GIBSON	1946	9	371	--	--
SM FG 4	SM-00-0822	BRADBURN, JOHN A	J DEAGLE	1946	10	420	--	--
SM FG 5	SM-00-0624	TIPPETT, W T	J DEAGLE	1946	35	404	181	1.5
SM FG 6	--	ALLSTON, HUGH	HOPEWELL	1945	10	15	--	36.0
SM FG 7	SM-00-0526	HEWLETT, W T	B GIBSON	1946	16	377	167	1.5
SM FG 8	SM-00-1125	TROSSBACH, H P	J DEAGLE	1947	5	420	210	1.5
SM FG 9	SM-00-1077	MCKAY, BENJAMIN	J DEAGLE	1947	5	367	178	1.5
SM FG 10	--	J CARROLLS GARAGE	--	1943	91	32	16	36.0

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
112PLSC	6.70	S	09/12/1949	--	--	--	--	--	H	B	SM FE 16
124NNJM	2.39	S	09/12/1949	5	10.0	15	08/15/1948	3.0	H	Z	SM FE 17
124NNJM	4.20	S	09/12/1949	11	3.5	6	07/14/1945	0.5	H	Z	SM FE 18
124NNJM	4.00	R	03/29/1948	4	7.0	13	03/29/1948	3.2	H	Z	SM FE 19
124NNJM	7.88	S	09/21/1949	8	8.0	12	08/11/1949	1.5	H	--	SM FE 20
125AQUI	11.44	S	05/17/1950	108	--	48	02/17/1941	0.4	P	T	SM FE 21
124NNJM	0.07	S	05/17/1950	--	--	--	--	--	T	Z	SM FE 22
125AQUI	20.07	S	07/13/1978	83	24.0	180	05/19/1950	2.2	N	T	SM FE 23
125AQUI	6.49	S	05/16/1950	17	12.0	25	04/12/1950	1.5	C	T	SM FE 24
124NNJM	7.17	S	07/12/1951	--	--	--	--	--	--	Z	SM FE 25
124NNJM	14.00	R	07/03/1965	--	6.0	16	07/03/1965	--	H	U	SM FE 26
124NNJM	8.00	R	12/22/1966	13	3.5	15	12/22/1966	1.2	P	S	SM FE 27
124NNJM	11.90	S	06/08/1967	--	6.0	15	06/05/1967	--	H	U	SM FE 28
124PNPN	12.78	S	04/ /1976	43	2.0	35	06/04/1975	0.8	H	S	SM FE 29
124PNPN	14.22	S	10/05/1976	79	4.0	20	06/03/1976	0.3	U	--	SM FE 30
125AQUI	33.00	R	10/18/1978	27	4.0	12	10/18/1978	0.4	U	--	SM FE 31
125AQUI	40.82	S	11/29/1978	5	4.0	30	05/02/1977	6.0	I	S	SM FE 32
125AQUI	40.47	S	11/29/1978	5	4.0	30	05/03/1977	6.0	I	S	SM FE 33
125AQUI	28.08	S	11/01/1978	23	4.0	100	02/28/1978	4.3	H	S	SM FE 34
124PNPN	16.45	S	07/13/1978	29	3.0	20	04/30/1973	0.7	C	S	SM FE 35
125AQUI	25.42	S	07/12/1978	20	4.0	40	06/28/1974	2.0	N	S	SM FE 36
--	--		--	--	--	--	--	--	--	J	SM FE 37
--	--		--	--	--	--	--	--	--	J	SM FE 38
124NNJM	1.64	S	03/19/1947	21	--	9	03/11/1947	0.4	H	Z	SM FF 1
124NNJM	3.00	S	03/11/1947	--	--	--	--	--	U	--	SM FF 2
--	--		--	--	--	--	--	--	U	--	SM FF 3
112PLSC	1.13	S	03/19/1947	--	--	--	--	--	T	Z	SM FF 4
112PLSC	1.42	S	03/19/1947	--	--	--	--	--	H	Z	SM FF 5
124NNJM	9.03	S	03/31/1947	10	--	5	03/29/1947	0.5	H	Z	SM FF 6
124NNJM	--		--	--	--	--	--	--	H	Z	SM FF 7
124NNJM	--		--	--	--	--	--	--	H	Z	SM FF 8
124NNJM	1.50	R	04/11/1947	8	--	5	04/11/1947	0.6	H	U	SM FF 9
124NNJM	--	F	03/ /1947	--	--	--	--	--	U	--	SM FF 10
124NNJM	12.50	R	04/15/1948	8	4.0	5	04/15/1948	0.6	H	Z	SM FF 11
112PLSC	6.00	S	08/11/1949	--	--	--	--	--	H	Z	SM FF 12
112PLSC	5.40	S	08/12/1949	--	--	--	--	--	U	--	SM FF 13
112PLSC	4.00	S	08/11/1949	--	--	--	--	--	H	B	SM FF 14
125AQUI	1.25	S	05/22/1951	--	--	--	--	--	U	--	SM FF 15
124NNJM	8.00	R	09/12/1949	--	--	--	--	--	H	Z	SM FF 16
124NNJM	--		--	--	--	--	--	--	I	U	SM FF 17
124NNJM	--		--	--	--	--	--	--	I	U	SM FF 18
--	--		--	--	--	--	--	--	H	Z	SM FF 19
124NNJM	9.54	S	09/14/1949	--	--	--	--	--	U	Z	SM FF 20
125AQUI	10.00	R	1945	115	--	150	1945	1.3	P	T	SM FF 21
124NNJM	2.50	R	08/16/1949	10	8.0	13	08/16/1949	1.3	T	Z	SM FF 22
112PLSC	9.30	S	09/16/1949	--	--	--	--	--	H	Z	SM FF 23
124NNJM	3.18	S	09/12/1949	11	4.0	6	07/11/1949	0.6	H	Z	SM FF 24
124NNJM	3.00	R	05/15/1947	5	12.0	7	05/15/1947	1.4	H	Z	SM FF 25
124NNJM	4.27	S	09/12/1949	12	5.0	6	07/05/1949	0.5	H	Z	SM FF 26
112PLSC	10.60	S	08/18/1949	--	--	--	--	--	H	Z	SM FF 27
124NNJM	4.00	R	08/17/1949	--	48.0	8	08/17/1949	--	H	Z	SM FF 28
124NNJM	10.00	R	03/11/1950	--	--	--	--	--	H	Z	SM FF 29
124NNJM	5.00	R	12/29/1951	10	--	25	12/29/1951	2.5	H	Z	SM FF 30
124NNJM	2.04	S	05/22/1951	--	--	--	--	--	H	Z	SM FF 31
124NNJM	12.00	R	02/28/1963	13	4.0	7	02/28/1967	0.5	H	J	SM FF 32
124NNJM	19.00	S	06/08/1967	--	3.0	15	03/20/1967	--	H	U	SM FF 33
124NNJM	13.00	R	06/18/1952	37	12.0	20	06/18/1952	0.5	T	P	SM FF 34
125AQUI	45.00	R	08/ /1975	144	24.0	305	08/ /1975	2.1	Z	T	SM FF 35
125AQUI	6.80	S	11/14/1978	90	24.0	300	10/29/1975	3.3	U	--	SM FF 36
125AQUI	6.78	S	11/14/1978	94	2.0	100	08/29/1975	1.1	U	--	SM FF 37
124PNPN	19.95	S	04/ /1976	60	2.0	40	08/30/1974	0.7	H	S	SM FF 38
124PNPN	10.00	R	10/24/1968	10	3.0	15	10/24/1968	1.5	C	J	SM FF 39
124PNPN	30.00	R	09/24/1979	30	3.0	40	09/24/1979	1.3	H	S	SM FF 40
124PNPN	10.00	R	09/29/1974	20	2.0	40	09/29/1974	2.0	H	S	SM FF 41
124PNPN	25.00	R	02/02/1979	11	3.0	10	02/02/1979	0.9	H	J	SM FF 42
124NNJM	3.12	S	11/18/1946	10	--	12	09/15/1946	1.2	H	Z	SM FG 1
124NNJM	1.08	S	11/18/1946	--	--	--	--	--	U	--	SM FG 2
124NNJM	7.66	S	11/18/1946	--	--	7	06/ /1946	--	H	Z	SM FG 3
124NNJM	9.54	S	11/19/1946	--	--	11	09/ /1946	--	H	Z	SM FG 4
124NNJM	26.00	R	07/24/1946	--	--	7	07/24/1946	--	H	Z	SM FG 5
112PLSC	4.56	S	11/19/1946	--	--	--	--	--	H	Z	SM FG 6
124NNJM	9.96	S	11/19/1946	--	--	8	06/ /1946	--	H	Z	SM FG 7
124NNJM	2.65	S	03/06/1947	--	--	--	--	--	H	Z	SM FG 8
124NNJM	2.50	S	02/01/1947	10	--	12	02/01/1947	1.2	H	Z	SM FG 9
112PLSC	26.19	S	03/18/1947	--	--	--	--	--	C	Z	SM FG 10

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM FG 11	SM-00-0840	CARLEY, W E	J DEAGLE	1946	6	336	126	1.5
SM FG 12	--	CARLEY, W E	--	--	0	--	--	--
SM FG 13	SM-00-1291	BRADBURN, IRENE	J DEAGLE	1947	8	398	125	1.5
SM FG 14	SM-00-1530	DRURY, CLARENCE	J WILSON	1947	6	419	89	1.5
SM FG 15	SM-00-1508	DAVIS, PAUL	J DEAGLE	1947	70	460	180	1.5
SM FG 16	SM-00-1563	HART, W H	J WILSON	1947	2	357	59	1.5
SM FG 17	SM-00-1401	JACOBS, J B	R WATTS	1948	5	395	--	--
SM FG 18	SM-00-3192	SNYDER, BEN	J DEAGLE	1948	50	420	210	1.5
SM FG 19	SM-00-1125	TROSSBACH, H P	J DEAGLE	1947	10	420	126	1.5
SM FG 20	SM-00-1975	HEFNER, E L	J DEAGLE	1947	10	399	105	1.5
SM FG 21	SM-00-2870	DORSEY, PHILLIP H	J J PAYNE & SONS	1948	5	399	--	--
SM FG 22	SM-00-1878	CLARK, E E	R WATTS	1947	60	395	--	1.5
SM FG 23	SM-00-2068	SHERIDAN, E F	J DEAGLE	1947	5	420	126	1.5
SM FG 24	SM-00-3205	RALEY, STANLEY	J WILSON	1948	4	396	45	1.5
SM FG 25	SM-00-2848	METTAM, WILLARD A	J DEAGLE	1948	20	420	168	1.5
SM FG 26	SM-00-1303	BEAN, JOHN S	J DEAGLE	1947	16	352	79	2.0
SM FG 27	SM-00-2114	CHRISTENSEN, HILDEGARDE	J DEAGLE	1947	4	420	166	1.5
SM FG 28	SM-00-0552	SPECK, F F	B GIBSON	--	50	465	--	--
SM FG 29	SM-00-3072	NICHOLSON, W C	J DEAGLE	1948	7	367	117	1.5
SM FG 30	SM-00-3604	DAVIS, CHARLES E	J DEAGLE	1949	11	358	93	1.5
SM FG 31	SM-00-2772	TROSSBACH, L E	J DEAGLE	1948	6	397	103	1.5
SM FG 32	--	WHITE, RICHARD	--	--	18	9	--	36.0
SM FG 33	--	RALEY, W C	--	--	30	9	--	39.0
SM FG 34	--	TROSSBACH, BERNARD	--	--	14	7	--	36.0
SM FG 35	--	CRIWLEY	--	1948	11	--	--	36.0
SM FG 36	--	ST PETER CLAVER CHURCH	--	--	70	27	--	40.0
SM FG 37	--	MORLEY, B M	--	--	5	365	--	1.5
SM FG 38	--	MEDLEY, A P	--	--	80	32	--	38.0
SM FG 39	--	RALEY, J C	R G CLARKE	1929	16	350	--	--
SM FG 40	--	TROSSBACH, EARL	--	--	7	--	--	40.0
SM FG 41	SM-65-0117	DELIE, HARRY A	J DEAGLE	1965	8	405	67	1.5
SM FG 42	SM-65-0217	CASTELLAW, CHARLES	J DEAGLE	1965	10	373	76	1.5
SM FG 43	SM-65-0154	GOSS, WAYNE C	PATUXENT PUMP & WELL	1965	50	430	31	2.0
SM FG 44	SM-05-4283	OWENS, THOMAS W	R G CLARKE	1963	90	440	--	2.5
SM FG 45	SM-04-5190	RIDGE VOL FIRE DEPT	SHANNAHAN ART. WELL	1962	65	436	29	5.0
SM FG 46	SM-03-5356	BARNES, MALINDA	PATUXENT PUMP & WELL	1959	85	428	29	2.0
SM FG 47	SM-03-5146	ST MICHAELS CONVENT	J J PAYNE & SONS	1959	85	452	--	2.0
SM FG 48	SM-02-4505	RIDGE ELEM SCHOOL	WASH. PUMP & WELL	1956	45	386	9	6.0
SM FG 49	SM-02-6879	C&P TELEPHONE	J J PAYNE & SONS	1957	70	416	--	2.0
SM FG 50	SM-67-0080	SMITH, EDGAR	PATUXENT PUMP & WELL	1966	20	350	18	2.0
SM FG 51	SM-67-0254	CARROLL, CLARENCE	J DEAGLE	1967	17	330	44	1.5
SM FG 52	SM-67-0218	DRURY, ALICE	J J PAYNE & SONS	1967	10	368	20	1.5
SM FG 53	SM-67-0184	RIDGELL, LESTER	J DEAGLE	1967	5	400	103	1.5
SM FG 54	SM-67-0270	DAVIS, CHARLES E	J DEAGLE	1967	20	370	55	1.5
SM FG 55	SM-70-0043	CLAYTON MARINA	J DEAGLE	1970	5	--	--	--
SM FG 56	SM-73 2218	CORINTHIAN YACHT CLUB	J J PAYNE & SONS	1977	12	360	20	2.0
SM FG 57	SM-73-0078	MADJESKI, HANK	PATUXENT PUMP & WELL	1972	5	360	20	2.0
SM FG 58	SM-73-1705	DRURY, JOSEPH	C BATES	1976	82	480	270	4.0
SM FG 59	SM-73-0280	MCMAHON, WILLIAM	PATUXENT PUMP & WELL	1973	10	400	20	2.0
SM FG 60	SM-73-2087	SANTAITI, BENJAMIN J	J J PAYNE & SONS	1976	5	410	20	2.0
SM FG 61	SM-73-3001	AMER LEGION	J HUGHES	1978	35	460	30	2.0
SM FG 62	SM-73-3044	BALTA, MICHAEL	J HUGHES	1979	5	400	14	2.0
SM FH 1	SM-00-0986	COUGHLIN, H G	R WATTS	1946	9	385	225	2.0
SM FH 2	SM-00-0533	MACE, M A	WASH. PUMP & WELL	1946	9	355	--	--
SM FH 3	SM-00-4779	FERRIS, C A	J WILSON	1949	6	415	58	0.7
SM FH 4	SM-00-2138	COUGHLIN, H G	J WILSON	1947	6	405	63	0.7
SM FH 5	SM-00-1531	EASLEY, E D	J WILSON	1947	5	419	--	0.7
SM FH 6	SM-00-4237	NAYLOR, R	J WILSON	1949	6	400	43	0.7
SM FH 7	SM-65-0228	DIEHL, EDWARD	J DEAGLE	1965	10	405	108	1.5
SM FH 8	SM-73-2829	WALDSCHMITT, JOSEPH	J J PAYNE & SONS	1978	2	400	20	2.0
SM FH 9	SM-73-3379	SWAIN, GARRETT	J J PAYNE & SONS	1979	8	385	15	2.0
SM GG 1	SM-00-0732	TROSSBACH, J L	J DEAGLE	1946	6	420	189	2.0
SM GG 2	--	TROSSBACH, J L	--	--	6	14	--	36.0
SM GG 3	--	VISEK, EMEL	--	--	4	300	--	--
SM GG 4	SM-00-0499	QUINN, J J	R WATTS	1946	3	360	200	2.0
SM GG 5	SM-00-0480	COLLINS, GEORGE D	R WATTS	1946	4	360	100	2.0
SM GG 6	SM-00-1579	FARQUHAR, H H	J DEAGLE	1947	3	420	147	.7
SM GG 7	SM-00-1559	RIDGELL, MRS THOMAS	J WILSON	1947	6	419	--	1.5
SM GG 8	SM-00-4351	CAMP ERNEST BROWN	J DEAGLE	1949	9	399	105	2.0
SM GG 9	--	CAMP ERNEST BROWN	J J PAYNE & SONS	1941	9	410	--	2.5
SM GG 10	--	CAMP ERNEST BROWN	J J PAYNE & SONS	1940	7	410	--	2.5
SM GG 11	--	HEWLETT, R	--	--	4	10	--	26.0
SM GG 12	SM-00-4011	DIRUM	J WILSON	1949	6	385	49	1.5
SM GG 13	SM-65-0200	KELLY, VIRGINIA	J DEAGLE	1965	12	395	142	1.5
SM GG 14	SM-67-0090	PT LOOKOUT STATE PARK	SHANNAHAN ART. WELL	1966	3	733	37	5.0

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124NNJM	5.10	S	03/27/1947	12	--	10	10/30/1946	1.1	H	Z	SM FG 11
124NNJM	--		--	--	--	--	--	--	U	--	SM FG 12
124NNJM	10.00	R	04/15/1947	8	8.0	10	04/15/1947	1.3	H	U	SM FG 13
124NNJM	5.80	S	06/12/1947	--	--	--	--	--	H	Z	SM FG 14
124NNJM	83.00	R	07/28/1947	--	--	4	07/28/1947	--	H	P	SM FG 15
124NNJM	1.06	S	06/25/1947	8	4.0	23	1947	2.9	H	Z	SM FG 16
124NNJM	12.00	R	05/ /1948	--	20.0	6	05/ /1948	--	H	Z	SM FG 17
124NNJM	45.00	R	10/10/1948	5	8.0	12	10/10/1948	2.4	H	J	SM FG 18
124NNJM	1.00	R	02/18/1947	5	8.0	12	02/18/1947	2.4	H	Z	SM FG 19
124NNJM	--	R F	10/24/1947	6	7.0	12	10/24/1947	2.0	H	Z	SM FG 20
124NNJM	1.50	R	07/15/1948	14	4.0	10	07/15/1948	0.8	H	Z	SM FG 21
124NNJM	40.00	R	09/14/1947	--	--	8	09/14/1947	--	H	P	SM FG 22
124NNJM	2.50	R	12/15/1947	4	10.0	12	12/15/1947	3.0	H	Z	SM FG 23
124NNJM	3.00	R	11/01/1948	--	--	--	--	--	H	Z	SM FG 24
124NNJM	15.00	R	07/20/1948	3	10.0	12	07/20/1948	4.0	H	Z	SM FG 25
124NNJM	9.00	R	04/ /1947	9	8.0	12	04/ /1947	1.3	H	Z	SM FG 26
124NNJM	3.50	R	12/22/1947	2	8.0	12	12/22/1947	6.0	H	U	SM FG 27
124NNJM	--		--	--	--	--	--	--	H	Z	SM FG 28
124NNJM	9.00	R	10/14/1948	5	12.0	10	10/14/1948	2.0	H	Z	SM FG 29
124NNJM	7.00	R	02/22/1949	8	15.0	13	02/22/1949	1.6	H	Z	SM FG 30
124NNJM	6.00	R	09/03/1948	--	--	--	--	--	H	Z	SM FG 31
112PLSC	5.40	S	09/07/1949	--	--	--	--	--	H	B	SM FG 32
112PLSC	6.90	S	09/07/1949	--	--	--	--	--	I	B	SM FG 33
112PLSC	4.50	S	09/07/1949	--	--	--	--	--	H	Z	SM FG 34
112PLSC	6.90	S	09/07/1949	--	--	--	--	--	H	Z	SM FG 35
112PLSC	24.80	S	09/07/1949	--	--	--	--	--	T	P	SM FG 36
124NNJM	--		--	--	--	--	--	--	--	Z	SM FG 37
112PLSC	28.20	S	09/07/1949	--	--	--	--	--	H	B	SM FG 38
124NNJM	--		--	--	--	--	--	--	H	Z	SM FG 39
112PLSC	5.52	S	04/02/1952	--	--	--	--	--	H	Z	SM FG 40
124NNJM	12.00	R	03/05/1965	--	6.0	20	03/05/1965	--	H	C	SM FG 41
124NNJM	17.00	R	06/28/1965	--	6.0	20	--	--	H	J	SM FG 42
124NNJM	80.00	R	02/23/1965	32	4.0	30	02/23/1965	0.9	H	J	SM FG 43
124NNJM	90.00	R	10/29/1963	20	7.0	15	--	0.8	H	J	SM FG 44
124PNPN	76.00	R	01/02/1962	64	6.0	120	01/02/1962	1.9	F	S	SM FG 45
124NNJM	100.00	R	07/15/1959	29	5.0	20	07/15/1959	0.7	H	J	SM FG 46
124PNPN	85.00	R	06/22/1959	11	5.0	10	06/22/1959	0.9	T	U	SM FG 47
124PNPN	46.00	R	05/12/1956	50	8.0	48	05/12/1956	1.0	T	T	SM FG 48
124NNJM	72.00	R	05/11/1957	18	6.0	12	05/11/1957	0.7	C	J	SM FG 49
124NNJM	25.00	R	10/08/1966	35	5.0	35	10/08/1966	1.0	H	S	SM FG 50
124NNJM	24.00	R	05/23/1967	--	5.0	12	05/23/1967	--	H	U	SM FG 51
124NNJM	12.00	R	04/21/1967	8	2.5	10	04/21/1967	1.2	H	U	SM FG 52
124NNJM	9.00	S	06/07/1967	--	5.0	16	03/06/1967	--	H	U	SM FG 53
124NNJM	22.50	S	06/09/1967	--	5.0	20	06/15/1967	--	H	U	SM FG 54
124PNPN	12.00	R	03/25/1970	--	7.0	74	03/25/1970	--	C	J	SM FG 55
124PNPN	21.11	S	07/11/1978	22	4.0	30	03/28/1977	1.4	C	S	SM FG 56
124PNPN	19.49	S	05/14/1976	31	3.0	30	10/27/1972	1.0	H	S	SM FG 57
124PNPN	114.77	S	10/12/1978	60	4.0	25	02/20/1976	0.4	H	S	SM FG 58
124PNPN	15.00	R	04/05/1973	35	3.0	35	04/05/1973	1.0	H	S	SM FG 59
124PNPN	12.00	R	10/25/1976	10	3.0	20	10/25/1976	2.0	H	S	SM FG 60
124PNPN	42.00	R	10/09/1978	20	14.0	20	10/09/1978	1.0	H	S	SM FG 61
124PNPN	18.00	R	01/03/1979	10	7.0	18	01/03/1979	1.8	H	S	SM FG 62
124NNJM	6.62	S	12/09/1946	--	--	4	11/27/1946	--	U	Z	SM FH 1
124NNJM	20.00	R	07/18/1946	20	--	10	07/18/1946	0.5	H	Z	SM FH 2
124NNJM	7.00	R	09/29/1949	--	5.0	15	09/29/1949	--	H	Z	SM FH 3
124NNJM	7.00	R	12/04/1947	8	4.0	20	12/04/1947	2.5	H	Z	SM FH 4
124NNJM	6.00	R	06/19/1947	6	4.0	19	06/19/1947	3.2	H	Z	SM FH 5
124NNJM	8.00	R	07/ /1949	--	4.0	15	07/ /1949	--	H	Z	SM FH 6
124NNJM	9.00	R	06/30/1965	--	7.0	30	06/30/1965	--	H	U	SM FH 7
124PNPN	10.00	R	04/18/1978	32	4.0	30	04/18/1978	0.9	H	S	SM FH 8
124PNPN	14.00	R	10/23/1979	10	3.0	15	10/23/1979	1.5	H	S	SM FH 9
124NNJM	3.00	R	09/07/1946	9	--	12	09/07/1946	1.3	H	Z	SM GG 1
112PLSC	--		--	--	--	--	--	--	U	--	SM GG 2
124NNJM	4.90	S	11/19/1946	7	--	--	--	--	H	Z	SM GG 3
124NNJM	8.00	R	06/20/1946	12	--	3	06/20/1946	0.2	H	Z	SM GG 4
124NNJM	2.00	R	06/10/1946	16	--	3	06/10/1946	0.2	H	Z	SM GG 5
124NNJM	1.00	R	07/20/1947	7	7.0	12	07/20/1947	1.7	H	U	SM GG 6
124NNJM	6.00	R	07/ /1947	6	4.0	14	07/ /1947	2.3	H	Z	SM GG 7
124NNJM	10.08	S	09/07/1949	7	10.0	12	08/04/1949	1.7	T	Z	SM GG 8
124NNJM	--		--	--	--	--	--	--	U	U	SM GG 9
124NNJM	--		--	--	--	--	--	--	T	Z	SM GG 10
112PLSC	6.10	S	09/07/1949	--	--	--	--	--	H	B	SM GG 11
124NNJM	6.59	S	09/07/1949	--	--	--	--	--	H	Z	SM GG 12
124NNJM	14.00	R	06/23/1965	--	5.0	18	06/23/1965	--	H	U	SM GG 13
211CRCSU	20.00+	R	10/24/1966	53	24.0	127	10/24/1966	2.4	P	U	SM GG 14

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

WELL NUMBER	STATE PERMIT NUMBER	OWNER	DRILLER	YEAR COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	LENGTH OF OPEN SECTION (FEET)	DIAMETER OF OPEN SECTION (INCHES)
SM GG 15	SM-70-0254	CAMP BROWN	J J PAYNE & SONS	1970	5	380	20	2.0
SM GG 16	SM-73-1853	HURLEY, ROBERT	PATUXENT PUMP & WELL	1976	10	420	15	2.0
SM GH 1	--	PT LOOKOUT HOTEL	--	1928	5	697	--	--
SM GH 2	SM-00-1422	COCIMANO, A	J DEAGLE	1947	5	400	127	1.5
SM GH 3	SM-00-3202	GRUBB, J H	J WILSON	1948	4	410	74	1.5
SM GH 4	SM-00-4066	SULLIVAN, B F	J WILSON	1949	3	420	63	0.7
SM GH 5	--	US COAST GUARD	--	1930	5	--	--	--
SM GH 6	SM-00-5754	LYNCH, R L	J WILSON	1950	3	400	60	0.7
SM GH 7	SM-03-2460	HOPKINS, OMAR C	J DEAGLE	1958	10	415	75	1.5
SM GH 8	SM-71-0339	PT LOOKOUT ST PK	PATUXENT PUMP & WELL	1971	5	720	52	6.0
SM GH 9	SM-73-3436	DAHL, ARVE	PATUXENT PUMP & WELL	1979	5	420	15	2.0
SM GH 10	SM-73-2624	FLEMMING, DIANE	PATUXENT PUMP & WELL	1977	5	425	15	2.0

Table 3.—Selected well records from St. Mary's County, Md. . . . Continued

PRINCIPAL AQUIFER	WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DRAW-DOWN (FEET)	PUMPING PERIOD (HOURS)	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	WELL NUMBER
124PNPN	17.00	R	05/05/1970	18	3.0	30	05/05/1970	1.7	T	S	SM GG 15
124PNPN	17.00	R	05/14/1976	53	5.0	15	05/14/1976	0.3	H	S	SM GG 16
211CRCSU	15.00+	R F	03/ /1947	--	--	24	--	--	C	C	SM GH 1
124NNJM	7.00	R	05/28/1947	13	7.0	12	05/28/1947	0.9	H	U	SM GH 2
124NNJM	4.00	R	10/14/1948	--	8.0	15	10/14/1948	--	H	Z	SM GH 3
124NNJM	2.50	R	06/ /1949	--	--	15	06/ /1949	--	H	Z	SM GH 4
124NNJM	--	F	--	--	--	--	--	--	H	C	SM GH 5
124NNJM	2.22	S	06/09/1950	--	--	15	05/10/1950	--	H	Z	SM GH 6
124NNJM	8.00	R	10/24/1958	--	6.0	10	10/24/1958	--	H	J	SM GH 7
211CRCSU	--	R F	08/22/1971	184	30.0	250	08/23/1971	1.4	P	S	SM GH 8
124PNPN	15.00	R	07/19/1979	45	3.0	25	07/19/1979	0.6	H	S	SM GH 9
124PNPN	14.00	R	12/29/1977	56	3.0	30	12/29/1977	0.5	H	S	SM GH 10

OBSERVATION WELLS

Table 4 lists all observation wells which have been drilled by the U.S. Geological Survey in Calvert and St. Mary's Counties, plus four other observation wells having long records and still being measured. Detailed information on lithography, water levels, and aquifer characteristics of these wells is available from the Maryland Geological Survey or the U.S. Geological Survey in Towson, Md.

Table 4.—U.S. Geological Survey observation wells in Calvert and St. Mary's Counties, Md.

Well number	Depth below land surface (ft)	Aquifer	Construction date
		CALVERT COUNTY	
CA BB 27	320	Aquia	Aug. 1979
BB 28	170	Piney Point-Nanjemoy	June 1980
CC 18	476	Aquia	Unknown
CC 55	868	Patapsco	Jan. 1974
CC 56	724	Magothy	Feb. 1974
CC 57	521	Aquia	Oct. 1978
DB 47	570	Aquia	July 1979
DC 35	760	Magothy	Oct. 1974
FD 50	350	Piney Point-Nanjemoy	Sept. 1976
FD 51	352	Piney Point-Nanjemoy	Sept. 1976
FD 52	318	Piney Point-Nanjemoy	Sept. 1976
FD 54	648	Aquia	Oct. 1978
FE 22	350	Piney Point-Nanjemoy	June 1976
GD 6	493	Aquia	- 1942
		ST. MARY'S COUNTY	
SM BB 15	460	Aquia	July 1979
BB 22	218	Piney Point-Nanjemoy	June 1980
DD 46	296	Piney Point-Nanjemoy	July 1976
DD 49	539	Aquia	Oct. 1978
DD 50	513	Aquia	Oct. 1978
DD 62	358	Piney Point-Nanjemoy	July 1980
DD 63	356	Piney Point-Nanjemoy	July 1980
DF 26	68	Pleistocene deposits	- 1940
DF 66	258	Piney Point-Nanjemoy	July 1976
DF 71	560	Aquia	July 1979
DF 84*	910	Mataponi (?)	Jan. 1983
EF 57	322	Piney Point-Nanjemoy	- 1966
EG 27	320	Piney Point-Nanjemoy	July 1976
EG 28	545	Aquia	July 1976
FE 30	270	Piney Point-Nanjemoy	June 1976
FE 31	458	Aquia	Oct. 1978
FG 45	436	Piney Point-Nanjemoy	Jan. 1962

* See Hansen and Wilson (1984).

GEOPHYSICAL LOGS

Table 5 lists all wells in Calvert and St. Mary's Counties for which geophysical logs are on file at the Maryland Geological Survey or the U.S. Geological Survey in Towson, Md. The type of geophysical log is listed along with the total logged depth below land surface. Geophysical logs can be used to determine basic lithologic type and salinity of interstitial water. The following log-type abbreviations are used:

GAM – Gamma
SPE – Single-point electric
MPE – Multi-point electric
CAL – Caliper
OTH – Other

Table 5.—Geophysical well logs from Calvert and St. Mary's Counties, Md.

CALVERT COUNTY

WELL NUMBER	LOG TYPE	DEPTH (FEET)
CA AB 3	GAM	493
CA BB 23	GAM	551
CA BB 25	GAM, CAL	665
CA BB 26	NEUTRON	512
CA BB 27	MPE, SPE, GAM	427
CA BC 25	GAM	360
CA BC 31	SPE, GAM	400
CA CC 18	GAM	309
CA CC 55	MPE, GAM, CAL, OTH	1019
CA CC 56	MPE, GAM, CAL	898
CA CC 57	MPE, SPE, GAM	577
CA DB 35	GAM	560
CA DB 36	MPE, GAM	1470
CA DB 39	GAM, OTH	600
CA DB 43	GAM	236
CA DB 46	SPE, GAM	607
CA DB 47	MPE, SPE, GAM	680
CA DC 34	MPE	703
CA DC 35	MPE, GAM, CAL	1000
CA DC 37	GAM	654
CA EB 15	GAM	349
CA EB 16	GAM	272
CA ED 22	SPE, GAM	789
CA ED 23	SPE, GAM	620
CA ED 38	SPE, GAM	350
CA FD 14	GAM	250
CA FD 40	GAM	422
CA FD 50	GAM	400
CA FD 51	SPE	392
CA FD 52	SPE, GAM	382
CA FD 53	MPE, SPE, GAM	708
CA FD 54	MPE, SPE, GAM	692
CA FE 19	MPE, GAM	824
CA FE 22	MPE, SPE, GAM	401
CA GD 5	GAM	248
CA GD 6	GAM	467
CA GD 36	GAM	265
CA GD 47	GAM	258
CA GD 49	MPE, GAM	269

ST. MARYS COUNTY

WELL NUMBER	LOG TYPE	DEPTH (FEET)
SM BB 15	MPE, GAM	600
SM BB 21	MPE, SPE, GAM	483
SM BB 22	SPE, CAL, CAL	238
SM CA 5	MPE	908
SM CD 15	GAM	497
SM DC 47	MPE	371
SM DD 1	GAM	475
SM DD 2	GAM	360
SM DD 46	SPE, GAM	376
SM DD 49	SPE, GAM	613
SM DD 50	SPE, GAM	573
SM DD 62	SPE, GAM, CAL	379
SM DD 63	SPE, GAM	377
SM DE 31	GAM	374
SM DE 36	MPE, SPE, GAM, CAL	520
SM DE 40	GAM	640
SM DF 62	GAM	704
SM DF 66	SPE, GAM	340
SM DF 71	MPE, SPE, GAM	617
SM DF 84	MPE, SPE, GAM, OTH	2678
SM DG 9	SPE, GAM	589
SM DG 11	MPE, SPE, GAM	301
SM EF 3	GAM	307
SM EF 56	SPE, GAM, CAL	1462
SM EF 57	GAM	322
SM EG 28	SPE, GAM	600
SM FE 28	MPE, GAM	298
SM FE 31	MPE, SPE, GAM	606
SM FF 35	GAM	582
SM FF 36	GAM	621
SM GG 14	SPE, GAM	731
SM GH 1	GAM	681
SM GH 8	SPE, GAM	670

DESCRIPTIVE LOGS

Table 6 presents selected geologists' descriptive logs from U.S. Geological Survey observation wells. They were selected to show typical lithologies in the area. Additional logs are contained in Overbeck (1951), Ferguson (1953), Otton (1955), Weigle and Webb (1970), and Hansen and Wilson (1984).

Table 6.—Descriptive well logs from Calvert and St. Mary's Counties, Md.

WELL NUMBER: CA BB 27
LOCATION: Dunkirk

	Thickness (ft)	Depth (ft)
Pleistocene Deposits		
Fill, brown	5	5
Clay, grayish-white	13	18
Miocene Deposits		
Clay, olive-green, slightly silty	10	28
Clay, brownish-green, sandy	6	34
Clay, green, sandy, with abundant shell material; cemented by calcite and very hard	3	37
Clay, gray, sandy	11	48
Clay, olive-green, slightly sandy	64	112
Clay, olive-green, slightly sandy with ledges of shell rock	48	160
Nanjemoy Formation		
Sand, dark-green, poorly sorted medium-grained, glauconitic	30	190
Clay, dark-green, glauconitic, sandy	22	212
Sand, dark-green, coarse	3	215
Clay, gray	15	230
Marlboro Formation		
Clay, gray-pink	25	255
Aquia Formation		
Sand, medium- to fine-grained, quartz, glauconitic with many beds of shell material; shell beds cemented by calcite	160	415
Brightseat Formation/Cretaceous Sediments (undifferentiated)		
Clay, greenish-gray, micaceous with some glauconite	25	440

Table 6.—Descriptive well logs from Calvert and St. Mary's Counties, Md. . . . Continued

WELL NUMBER: CA DB 47
LOCATION: Prince Frederick

	Thickness (ft)	Depth (ft)
Pleistocene Deposits		
Loam, brown, sandy	10	10
Sand, white, medium to coarse, poorly sorted, with thin beds of clay	12	22
Clay, white to gray, malleable with chunks of ironstone	28	40
Miocene Deposits		
Clay, grayish-green, silty	35	75
Clay, green, silty, with abundant shell material cemented by calcite	2	77
Clay, olive-green, silty	68	145
Clay, olive-green, silty, with abundant shell material	13	158
Clay, olive-green, silty	75	233
Clay, olive-green, silty, with abundant shell material	4	237
Clay, olive-green, silty	11	248
Piney Point and Nanjemoy Formations		
Sand, dark-olive-green, clayey, quartz, glauconitic, with beds of shell material	85	333
Silt, dark-olive-green, sandy, glauconitic, clayey	83	416
Sand, dark-green, coarse	10	426
Clay, gray, sandy	14	440
Marlboro Formation		
Clay, gray; some pink clay and glauconite	20	460
Clay, pink and gray	10	470
Aquia Formation		
Sand, medium-grained, poorly sorted, quartz, glauconitic	22	492
Clay, bright-green and glauconitic quartz sand	7	499
Sand, medium-grained, poorly sorted quartz, glauconitic, with abundant shell beds cemented by calcite	171	670
Brightseat Formation/Cretaceous Sediments (undifferentiated)		
Clay, gray, micaceous, with sharks teeth	12	682

Table 6.—Descriptive well logs from Calvert and St. Mary's Counties, Md. . . . Continued

WELL NUMBER: SM BB 15
LOCATION: Charlotte Hall

	Thickness (ft)	Depth (ft)
Pleistocene Deposits		
Sand, coarse, poorly sorted, quartz and gravel	14	14
Sand, coarse, brown, quartz and yellow clay	10	24
Miocene Deposits		
Clay, grayish-green, silty	18	42
Clay, green, silty, with abundant shell material	56	98
Clay, olive-green, silty	32	130
Clay, olive-green, silty, with thin, sandy-silt beds of sporatic calcite cementation	12	142
Clay, olive-green, silty	86	228
Nanjemoy Formation		
Sand, coarse, poorly sorted quartz with abundant clay and gravel	12	240
Clay, olive-green, sandy, organic, with some calcite cementation	14	254
Clay, olive-green, sandy, silty, organic	52	306
Sand, white, coarse	3	309
Clay, green, sandy, with abundant glauconite	75	384
Clay, gray-green, glauconitic, micaceous, silty	10	394
Clay, gray-green, glauconitic, silty	18	412
Marlboro Formation		
Clay, pink, plastic, with streaks of gray clay	14	428
Aquia Formation		
Sand, green, medium-grained, poorly sorted, quartz, glauconitic	60	488
Clay, bright-green, glauconitic, silty, with some fine quartz sand	24	512
Sand, fine- to medium-grained, glauconitic, quartz with calcite cementation and abundant shell material	28	540
Sand, fine- to medium-grained, glauconitic, quartz sand	22	562
Clay, greenish-black, micaceous, and some fine sand	38	600

Table 6.—Descriptive well logs from Calvert and St. Mary's Counties, Md. . . . Continued

WELL NUMBER: SM DF 71
LOCATION: Lexington Park

	Thickness (ft)	Depth (ft)
Pleistocene Deposits		
Sand, coarse-grained, poorly sorted, reddish-brown quartz and gravelly sand	10	10
Sand, brown, coarse-grained, poorly sorted; occasional thin beds of quartz gravel and some lignite observed	80	90
Miocene Deposits		
Sand, coarse, gravelly, with interbedded clay; shell material abundant; some sharks teeth observed	5	95
Clay, olive-green, silty, with beds of abundant shell material common; some lignite observed	175	270
Piney Point Formation		
Sand, white, coarse, well-sorted, quartz; sandstone cemented by calcite; shells common	10	280
Sand, coarse-grained, well-sorted quartz, slightly glauconitic and calcite-cemented sandstone; shell material abundant	30	310
Nanjemoy Formation		
Sand, medium- to fine-grained, quartz, glauconitic; calcite cementation absent	32	342
Sand, green, poorly sorted, clayey, quartz; highly glauconitic	8	350
Sand, green, poorly sorted, glauconitic quartz	38	388
Clay, greenish-gray, glauconitic, micaceous, silty	62	450
Clay, greenish-gray, glauconitic, micaceous, silty, with some quartz sand	8	458
Clay, greenish-gray, glauconitic, micaceous	23	485

Continued -

Table 6.—Descriptive well logs from Calvert and St. Mary's Counties, Md. . . . Continued

WELL NUMBER: SM DF 71 (Continued)
LOCATION: Lexington Park

	Thickness (ft)	Depth (ft)
Marlboro Formation		
Clay, gray and pinkish-gray, plastic	10	495
Aquia Formation		
Sand, green, coarse-grained, quartz, glauconitic with abundant shell material and some calcite cementation	5	500
Clay, green, sandy, silty, glauconitic	12	512
Sand, medium-grained, poorly sorted, quartz, glauconitic, clayey	19	531
Sand, green, quartz, glauconitic, clayey	8	539
Sand, green, medium-grained, quartz, glauconitic	26	565
Silt, greenish-gray, glauconitic, sandy	13	578
Sand, fine- to medium-grained, green, quartz, glauconitic	22	596
Brightseat Formation/Cretaceous Sediments (undifferentiated)		
Clay, gray-green, with interbedded white clay and shell material	24	620

CHEMICAL-QUALITY ANALYSES

Tables 7 and 8 present chemical-quality data from wells in Calvert and St. Mary's Counties. The table was printed by a computer program accessing the U.S. Geological Survey WATSTORE computer data base in which chemical data for ground water and surface water are stored. The values are expressed using the following unit abbreviations:

mg/L = milligrams per liter,
μg/L = micrograms per liter,
pH = negative logarithm of the hydrogen-ion activity

Table 7.—Chemical analyses of ground water in Calvert County, Md.

WELL NUMBER	GEO-LOGIC UNIT	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
CA BB 1	112PLSC	47-01-13	5.1	--	6800	--	0	5.5	2.7	5.2	7.3	2	14
CA BB 6	112PLSC	50-03-27	15	--	100	--	0	27	.8	2.6	6.8	78	2.0
CA BB 9	125AQUI	52-04-30	15	--	200	--	0	30	14	3.2	9.2	132	14
CA BB 10	211CRCSU	52-04-01	7.5	--	4800	--	100	36	9.5	4.7	5.3	137	7.0
	211CRCSU	58-02-27	8.9	--	30	--	30	31	8.0	--	--	111	5.4
CA BB 12	112PLSC	58-02-27	16	--	960	--	--	33	4.4	--	--	94	--
CA BB 13	125AQUI	60-02-25	--	--	440	--	--	--	--	--	--	113	--
CA BB 16	125AQUI	67-05-01	19	--	510	--	10	42	9.2	4.8	6.3	148	11
CA BB 18	124NNJM	67-05-01	49	--	110	--	0	40	9.7	2.0	8.4	143	9.2
CA BB 27	125AQUI	79-08-03	13	250	1800	20	20	36	11	6.0	12	--	8.0
CA BB 28	124PNPN	80-06-27	45	380	1300	30	30	44	4.7	3.1	3.9	130	19
CA BB 33	125AQUI	80-08-28	15	190	290	0	10	33	11	4.0	10	130	12
CA BC 9	125AQUI	51-03-06	15	--	60	--	20	34	12	4.4	10	144	10
CA BC 20	124NNJM	67-05-01	50	--	350	--	0	55	17	3.8	9.9	174	47
CA BC 26	125AQUI	67-05-01	16	--	400	--	10	34	11	4.2	8.5	142	10
CA BC 27	124NNJM	67-05-01	48	--	230	--	0	54	14	3.2	9.5	179	30
CA CA 2	125AQUI	50-03-27	15	--	470	--	0	31	16	4.4	13	149	13
	125AQUI	52-02-01	16	--	340	--	0	35	13	4.0	11	151	11
	125AQUI	54-05-19	15	--	20	--	--	30	15	--	--	150	13
CA 8	125AQUI	67-05-02	14	--	240	--	0	33	14	4.0	11	151	11
CA CA 9	125AQUI	80-08-28	47	100	160	0	10	39	19	3.0	17	180	14
CA CA 10	124PNPN	80-08-28	39	30	90	0	10	31	16	3.2	15	130	34
CA CB 9	124NNJM	51-03-06	36	--	200	--	0	28	13	5.2	17	128	22
CA CB 11	125AQUI	58-02-27	20	--	80	--	20	32	13	--	--	137	12
CA CB 18	124NNJM	67-05-02	48	--	220	--	0	34	11	2.6	6.9	127	14
CA CB 26	125AQUI	80-08-28	14	500	660	10	10	28	12	4.0	13	130	10
CA CC 17	125AQUI	52-01-23	15	--	300	--	--	32	13	4.3	10	142	9.2
CA CC 18	125AQUI	52-01-23	15	--	860	--	--	35	11	4.9	13	147	10
CA CC 19	125AQUI	52-01-23	16	--	520	--	--	35	12	4.3	9.6	147	9.5
CA CC 28	124NNJM	50-03-27	57	--	460	--	0	63	20	3.4	11	209	44
CA CC 39	125AQUI	54-10-13	13	--	680	--	90	33	12	5.6	9.6	146	11
	125AQUI	56-06-12	15	--	380	--	20	33	14	4.9	11	148	10
	125AQUI	58-11-24	17	--	990	--	0	38	8.8	5.6	6.1	142	8.7
	125AQUI	60-06-21	16	--	4600	--	140	37	10	5.2	11	147	9.6
CA CC 40	125AQUI	54-10-13	13	--	310	--	20	33	12	5.4	8.9	146	11
	125AQUI	56-06-12	17	--	460	--	0	31	14	5.0	11	147	10
	125AQUI	58-11-24	18	--	300	--	0	38	8.8	4.7	5.5	145	8.7
	125AQUI	60-06-21	16	--	200	--	10	36	11	5.3	10	145	9.4
CA CC 41	125AQUI	54-10-13	13	--	750	--	20	33	12	6.1	8.9	146	12
	125AQUI	56-06-12	16	--	2300	--	--	28	16	5.0	11	146	10
CA CC 41	125AQUI	58-11-24	16	--	410	--	0	38	8.3	5.3	6.6	144	8.5
	125AQUI	60-06-21	16	--	300	--	50	36	11	5.0	11	143	9.2
CA CC 50	125AQUI	67-05-09	13	--	230	--	0	25	14	6.7	14	141	10
CA CC 51	124NNJM	67-05-10	43	--	320	--	0	49	16	3.2	14	156	53
CA CC 52	124NNJM	67-05-10	42	--	290	--	0	40	15	3.5	14	135	42
CA CC 53	124NNJM	52-04-12	41	--	--	--	0	42	19	--	--	147	58
CA CC 56	217CRCSU	74-01-26	8.5	--	3500	--	80	24	9.5	5.4	5.6	112	5.7
	217CRCSU	74-02-14	9.7	--	2600	--	50	23	7.4	5.1	5.7	106	5.4
CA DA 3	124NNJM	67-05-02	35	--	210	--	10	22	10	7.9	17	126	9.8
CA DB 3	125AQUI	50-03-27	13	--	510	--	0	22	12	9.8	15	133	10
CA DB 5	125AQUI	47-01-13	9.8	--	--	--	--	22	12	9.8	16	133	12
CA DB 6	112PLSC	50-03-27	8.2	--	160	--	0	5.6	3.5	8.0	3.6	5	4.1
CA DB 35	125AQUI	67-05-03	12	--	80	--	0	21	12	9.6	16	132	11
CA DB 47	125AQUI	79-07-25	12	50	100	<10	20	23	13	9.5	15	--	8.8
CA DB 57	124PNPN	80-08-08	49	130	210	0	10	37	6.9	2.6	8.1	130	5.2
CA DC 12	124NNJM	67-05-05	45	--	230	--	0	35	11	3.1	11	141	12
CA DC 16	124NNJM	67-05-04	33	--	110	--	0	26	11	3.6	12	115	10
CA DC 29	125AQUI	67-05-04	13	--	110	--	20	20	12	14	16	144	4.8
CA DC 37	125AQUI	78-04-12	14	300	410	<10	<10	27	13	9.6	15	150	9.8
CA EB 9	124NNJM	67-05-05	54	--	180	--	20	32	11	2.8	9.0	125	8.4

GEOLOGIC UNIT CODES:

112PLSC= PLEISTOCENE
124EOCN= EOCENE
124NNJM= NANJEMOY
124PNPN= PINEY POINT
125AQUI = AQUIA
211CRCSU= UPPER CRETACEOUS
217CRCSL= LOWER CRETACEOUS

Table 7.—Chemical analyses of ground water in Calvert County, Md. . . . Continued

CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	SOLID RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SUM OF CONSTITUENTS, DISSOLVED (MG/L)	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L CACO3)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	WELL NUMBER
7.8	.1	4.70	--	--	73	--	25	23	116	5.1	13.3	1	--	BB 1
3.2	.1	.20	--	--	107	--	71	0	171	7.3	12.2	5	--	BB 6
1.2	.3	.10	--	--	162	166	132	0	276	7.7	--	1	--	BB 9
1.0	.3	.07	--	--	149	154	128	0	269	7.5	--	15	--	BB 10
.2	.4	.20	--	--	131	--	110	0	224	8.2	--	7	--	
9.0	--	--	--	--	148	--	100	6	219	8.1	--	--	--	BB 12
6.4	--	--	--	--	--	--	116	3	262	7.9	--	--	--	BB 13
.6	.0	.00	--	--	172	182	143	0	290	8.4	16.6	4	--	BB 16
2.6	.1	.02	--	--	205	207	140	0	270	7.5	15.5	0	--	BB 18
1.6	.2	--	.06	.010	177	88	140	--	--	--	--	4	--	BB 27
2.5	.2	--	.00	.090	166	201	130	0	298	7.5	19.5	2	--	BB 28
.4	.2	--	.08	.010	160	164	130	0	298	7.1	18.0	0	--	BB 33
1.5	.2	.18	--	--	174	174	130	0	296	7.9	--	3	--	BC 9
2.3	.1	.02	--	--	291	289	207	34	398	7.9	15.0	0	--	BC 20
.7	.1	.00	--	--	173	170	130	0	285	7.2	18.3	5	--	BC 26
2.7	.1	.05	--	--	268	269	192	14	372	7.4	17.2	3	--	BC 27
1.1	.2	.02	--	--	169	--	143	0	309	7.8	17.2	1	--	CA 2
1.0	.2	.20	--	--	182	184	141	--	304	7.9	--	3	--	
1.5	.1	--	--	--	--	--	137	0	303	8.0	--	--	--	
.9	.1	.02	--	--	171	178	140	0	275	8.2	18.3	0	--	CA 8
2.5	.2	--	.28	.020	246	250	180	0	405	7.2	17.0	0	--	CA 9
2.0	.2	--	.03	.010	210	219	140	13	350	7.8	17.5	0	--	CA 10
1.5	.1	.20	--	--	194	201	121	0	298	8.0	--	4	--	CB 9
6.2	.3	.20	--	--	188	185	133	0	298	8.3	--	7	--	CB 11
2.1	.1	.00	--	--	196	195	130	3	270	8.3	14.4	3	--	CB 18
.3	.2	--	.01	.010	150	160	120	0	293	7.4	18.0	0	--	CB 26
1.5	.3	.16	--	--	171	--	133	0	287	7.8	--	6	--	CC 17
3.1	.3	.05	--	--	181	--	133	0	295	8.0	--	3	--	CC 18
1.0	.3	.05	--	--	176	--	137	0	290	7.9	--	9	--	CC 19
4.2	.1	.09	--	--	333	--	239	30	492	7.9	--	0	--	CC 28
.8	.1	.34	--	--	175	174	132	0	293	8.1	18.3	4	1000	CC 39
4.5	.2	1.50	--	--	189	--	140	0	302	8.0	15.5	10	--	
2.2	.2	.00	--	--	175	172	131	0	303	7.7	--	5	<50	
2.0	.2	.00	--	--	180	180	135	0	301	7.7	--	2	--	
1.0	.1	.34	--	--	174	174	132	0	293	8.1	18.3	4	1000	CC 40
2.4	.2	1.74	--	--	187	--	136	0	294	8.1	15.5	10	600	
2.8	.3	.05	--	--	176	174	131	0	300	7.8	--	5	<50	
2.0	.2	.02	--	--	184	--	137	0	298	7.9	--	4	--	
.8	.1	.27	--	--	177	175	132	0	291	8.1	18.3	4	1000	CC 41
2.5	.2	1.69	--	--	199	--	136	0	294	8.1	15.5	10	600	
2.5	.4	.05	--	--	174	172	131	0	299	7.7	--	5	<50	CC 41
2.5	.2	.05	--	--	180	177	134	0	298	7.9	--	4	--	
.8	.1	.00	--	--	162	169	120	0	280	8.1	16.1	1	--	CC 50
2.1	.2	.02	--	--	275	274	189	33	375	8.2	15.5	0	--	CC 51
2.6	.4	.00	--	--	236	241	162	27	346	7.8	15.0	2	--	CC 52
3.5	.3	.07	--	--	275	266	183	36	391	8.0	--	10	--	CC 53
.7	.5	--	<.10	--	--	127	99	0	225	8.0	19.5	--	--	CC 56
1.1	.5	--	<.10	--	--	121	88	0	215	7.8	18.5	--	--	
1.0	.1	.00	--	--	173	179	96	0	254	8.0	15.5	0	--	DA 3
2.0	.2	.18	--	--	154	--	108	0	277	7.9	--	0	--	DB 3
1.1	.2	.16	--	--	153	163	104	0	279	8.0	--	3	--	DB 5
14	.1	6.32	--	--	96	--	28	23	134	5.8	11.4	0	--	DB 6
.6	.3	.02	--	--	151	162	102	0	270	8.2	17.2	0	--	DB 35
1.1	.2	--	.02	.010	159	83	110	--	--	--	--	3	--	DB 47
1.8	.3	--	.09	.050	184	189	120	0	270	7.3	21.0	0	--	DB 57
2.0	.1	.00	--	--	201	204	133	0	290	8.3	16.1	1	--	DC 12
2.1	.3	.07	--	--	165	167	110	0	245	8.2	16.1	0	--	DC 16
.9	.0	.00	--	--	163	168	100	0	280	8.1	17.2	2	--	DC 29
.7	.2	--	<.10	<.010	177	178	120	0	--	--	--	10	--	DC 37
2.5	.3	.05	--	--	189	195	125	0	256	8.3	16.1	0	--	EB 9

Table 7.—Chemical analyses of ground water in Calvert County, Md. . . . Continued

WELL NUMBER	GEO-LOGIC UNIT	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
CA EB 20	124PNPN	80-08-08	35	310	420	0	10	17	8.8	19	15	120	13
CA EC 1	124NNJM	47-01-13	40	--	--	--	--	28	11	3.9	12	118	14
CA EC 3	124NNJM	49-03-23	40	--	210	--	--	23	11	3.7	1.6	108	11
CA EC 4	112PLSC	49-03-23	7.3	--	310	--	--	2.9	1.2	5.3	.2	10	2.0
CA EC 24	124NNJM	67-05-05	36	--	130	--	0	26	11	3.2	10	116	10
CA ED 1	125AQUI	52-04-30	15	--	30	--	0	9.8	2.8	30	13	109	4.5
CA ED 14	124NNJM	67-05-09	34	--	160	--	0	21	11	8.3	19	127	12
CA ED 19	124NNJM	67-05-03	31	--	140	--	0	21	11	5.2	17	121	11
CA FC 2	125AQUI	67-05-05	9.9	--	1600	--	10	12	6.3	26	15	122	6.4
CA FC 6	124NNJM	67-05-05	32	--	350	--	0	24	14	11	18	125	30
CA FD 1	125AQUI	52-06-24	12	--	670	--	0	2.9	.4	50	5.3	113	5.5
	125AQUI	54-06-10	13	--	60	--	0	2.6	.6	48	5.5	113	7.0
	125AQUI	56-06-15	13	--	70	--	0	2.3	1.4	51	5.8	114	7.4
CA FD 3	124PNPN	47-01-13	18	--	20	--	--	8.6	4.2	59	12	152	27
CA FD 38	124NNJM	67-05-09	43	--	70	--	0	15	9.1	46	13	179	12
CA FD 54	125AQUI	78-10-11	14	70	130	<10	<10	6.1	1.7	33	9.2	110	5.1
CA FE 27	124PNPN	80-08-07	44	20	80	0	10	19	7.7	22	14	130	12
CA GD 4	124PNPN	47-01-13	19	--	3800	--	--	10	4.8	50	13	155	12
CA GD 6	125AQUI	47-01-13	11	--	430	--	--	2.4	.7	52	6.4	122	8.4
CA GD 36	125AQUI	52-06-18	24	--	370	--	10	14	5.9	30	16	137	5.0
CA GD 36	125AQUI	52-06-24	12	--	670	--	<5	2.9	.4	50	5.3	107	5.5
	125AQUI	54-06-10	21	--	830	--	<5	14	6.2	28	15	134	7.5
	125AQUI	56-06-15	23	--	1400	--	<5	14	6.6	30	15	138	7.2

GEOLOGIC UNIT CODES:

112PLSC= PLEISTOCENE
124EOCN= EOCENE
124NNJM= NANJEMOY
124PNPN= PINEY POINT
125AQUI = AQUIA
211CRCSU= UPPER CRETACEOUS
217CRCSL= LOWER CRETACEOUS

Table 7.—Chemical analyses of ground water in Calvert County, Md. . . . Continued

CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	SOLID RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SUM OF CONSTITUENTS, DISSOLVED (MG/L)	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L CACO3)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	WELL NUMBER
1.0	.4	--	.01	.020	164	182	79	0	273	7.5	18.0	0	--	EB 20
2.2	.2	.02	--	--	173	182	115	0	259	8.2	15.5	2	--	EC 1
2.5	.2	.36	--	--	168	160	103	0	246	7.7	13.3	10	--	EC 3
9.5	<.5	1.42	--	--	51	41	12	2	70	6.5	15.5	5	--	EC 4
2.3	.3	.02	--	--	161	169	110	0	237	8.3	16.1	0	--	EC 24
2.1	.3	.05	--	--	137	143	36	0	222	7.9	17.7	1	--	ED 1
1.0	.3	.07	--	--	177	183	98	0	260	8.2	16.1	0	--	ED 14
1.5	.2	.00	--	--	164	170	98	0	250	8.1	16.6	3	--	ED 19
1.5	.1	.02	--	--	153	151	56	0	232	8.2	17.2	0	--	FC 2
2.0	.4	.00	--	--	199	206	118	0	303	8.0	16.6	0	--	FC 6
4.2	.3	.05	--	--	153	149	19	0	234	8.5	--	2	--	FD 1
4.0	.2	.07	--	--	152	--	9	0	233	8.7	10.0	3	1200	
4.0	.4	1.63	--	--	165	--	12	0	234	9.0	--	10	600	
1.5	.4	.05	--	--	221	222	39	0	350	8.2	13.5	2	--	FD 3
1.2	.5	.05	--	--	240	247	75	0	342	8.2	16.6	0	--	FD 38
2.4	.3	--	<.10	<.010	144	136	22	0	228	--	--	15	--	FD 54
.8	.5	--	.02	.020	190	198	79	0	289	7.4	19.0	0	--	FE 27
3.1	.3	.02	--	--	204	205	45	0	327	8.0	15.0	5	--	GD 4
2.6	.2	.07	--	--	156	--	9	--	255	8.7	18.8	1	--	GD 6
2.5	.3	.14	--	--	180	181	59	0	279	7.9	--	7	--	GD 36
4.2	.3	.05	--	--	153	145	9	0	234	8.5	--	--	--	GD 36
4.0	.4	.09	--	--	184	177	60	0	276	7.8	10.0	6	1500	
4.2	.4	2.00	--	--	195	192	62	0	278	8.3	--	10	1000	

Table 8.—Chemical analyses of ground water in St. Mary's County, Md.

WELL NUMBER	GEO-LOGIC UNIT	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
SM BB 1	112PLSC	47-01-17	4.7	--	450	--	--	14	1.5	33	4.4	12	22
SM BB 4	125AQUI	50-03-28	11	--	450	--	0	18	11	9.6	12	100	13
SM BB 10	112PLSC	52-04-17	11	--	680	--	0	17	1.4	3.3	.9	49	2.5
SM BB 13	124NNJM	67-05-16	43	--	430	--	0	28	13	4.7	13	138	11
SM BB 15	125AQUI	79-07-19	11	20	100	<10	<10	26	8.5	7.5	15	--	8.0
SM BB 22	124PNPN	80-07-01	29	340	1100	40	50	30	9.9	4.4	9.6	130	18
SM BC 16	125AQUI	67-05-16	13	--	420	--	0	21	11	11	16	133	11
SM BC 17	125AQUI	67-05-17	13	--	50	--	0	20	9.4	13	15	123	9.6
SM BD 1	125AQUI	47-01-17	13	--	650	--	--	15	8.7	18	15	115	10
SM CA 3	125AQUI	67-05-17	14	--	50	--	0	7.6	3.8	38	12	122	11
SM CA 7	125AQUI	80-08-05	12	10	110	0	10	2.8	.7	60	5.1	140	7.9
SM CB 1	125AQUI	47-01-17	14	--	50	--	--	11	4.4	34	12	121	9.9
SM CB 9	112PLSC	52-04-02	12	--	80	--	0	3.8	3.3	19	2.2	23	8.0
SM CB 19	125AQUI	80-08-05	14	20	150	10	10	15	7.1	23	16	120	9.3
SM CC 6	112PLSC	50-03-28	7.7	--	190	--	0	11	5.6	7.5	3.1	10	22
SM CC 11	125AQUI	67-05-16	14	--	40	--	0	7.1	3.4	36	12	114	12
SM CD 1	124NNJM	49-03-09	43	--	230	--	--	23	11	5.5	3.0	116	8.7
SM CD 16	124NNJM	67-05-22	43	--	730	--	0	34	15	6.1	12	131	40
SM CD 20	124NNJM	67-05-16	44	--	570	--	0	27	8.8	3.4	7.9	111	10
SM CE 14	124NNJM	50-03-28	33	--	1300	--	30	27	15	9.0	17	149	14
SM CE 20	124NNJM	67-05-19	34	--	300	--	0	26	13	8.5	17	144	14
SM CE 26	125AQUI	67-05-19	11	--	220	--	0	3.6	1.1	43	6.8	107	6.4
SM CE 27	124NNJM	67-05-24	34	--	1100	--	0	29	14	5.3	15	128	29
SM CE 38	125AQUI	80-08-07	12	1200	2900	10	20	3.3	1.0	40	7.3	94	6.4
SM DB 24	112PLSC	50-03-28	8.8	--	2300	--	0	34	6.1	14	8.1	99	27
SM DB 29	125AQUI	67-05-17	10	--	210	--	0	5.0	1.9	57	8.4	148	10
SM DC 12	125AQUI	50-03-28	50	--	80	--	<5	17	7.7	31	13	149	7.9
SM DC 17	125AQUI	52-04-02	12	--	420	--	0	4.2	.8	75	7.2	164	8.0
SM DC 49	124NNJM	67-05-18	45	--	200	--	0	24	9.2	10	14	125	8.4
SM DD 1	125AQUI	49-03-09	10	--	170	--	--	3.6	1.1	49	1.9	111	8.9
SM DD 5	124NNJM	49-03-09	32	--	330	--	--	22	9.8	14	6.9	133	9.2
SM DD 12	124NNJM	50-03-28	31	--	70	--	0	8.5	3.3	46	9.9	138	9.7
SM DD 30	125AQUI	67-08-02	10	--	40	--	0	4.4	1.1	42	6.6	102	8.8
SM DD 49	125AQUI	78-10-20	11	80	420	<10	<10	4.4	.6	54	9.6	130	7.8
SM DD 50	125AQUI	78-10-26	9.8	840	3700	20	<10	10	1.5	43	6.0	110	9.5
SM DD 62	124PNPN	80-07-01	28	100	270	0	10	10	3.5	9.8	7.7	73	24
SM DD 63	124PNPN	80-07-09	18	140	220	10	10	22	8.1	22	19	64	13
SM DE 32	124NNJM	67-05-19	59	--	230	--	0	31	13	2.2	6.0	135	7.6
SM DE 33	124NNJM	67-05-22	36	--	990	--	0	26	13	6.3	17	143	6.0
SM DE 40	125AQUI	77-09-19	11	100	200	<10	<10	4.7	1.5	34	9.2	90	8.4
SM DF 1	125AQUI	51-10-29	12	--	0	--	--	2.4	1.0	76	9.0	173	5.5
	125AQUI	54-05-18	12	--	60	--	0	3.0	1.2	73	6.1	174	9.6
	125AQUI	56-03-13	13	--	270	--	0	2.5	.7	73	7.3	175	9.4
	125AQUI	57-04-12	12	--	30	--	20	3.2	.8	73	6.9	171	5.8
	125AQUI	58-06-02	12	--	20	--	0	1.7	.3	70	7.8	175	6.0
	125AQUI	59-08-13	12	--	10	--	0	3.7	1.9	71	6.0	171	7.6
	125AQUI	62-06-24	12	--	100	--	0	3.4	.6	76	7.9	173	6.4
SM DF 3	125AQUI	51-10-29	12	--	100	--	--	3.2	.7	72	9.0	164	6.5
	125AQUI	54-05-18	11	--	50	--	0	2.9	1.0	68	5.6	167	6.6
	125AQUI	56-03-13	13	--	20	--	0	2.5	.4	69	6.4	164	6.6
	125AQUI	57-04-09	13	--	190	--	20	2.7	.5	69	6.7	164	6.0
	125AQUI	58-06-02	11	--	0	--	0	2.0	1.6	69	6.1	169	7.0
	125AQUI	59-08-05	14	--	20	--	0	2.8	.9	69	9.9	163	4.3
	125AQUI	62-06-24	18	--	120	--	0	7.5	2.3	63	7.7	161	7.0
SM DF 6	124NNJM	51-11-27	61	--	110	--	--	30	14	4.6	10	143	7.5
	124NNJM	54-05-19	56	--	80	--	0	30	14	3.9	8.9	139	8.0
	124NNJM	56-03-13	63	--	130	--	0	30	14	3.6	3.6	139	8.0
	124NNJM	57-04-12	71	--	120	--	20	31	12	3.0	11	141	7.1
	124NNJM	58-06-09	61	--	300	--	0	30	12	6.0	12	141	6.8
SM DF 9	124NNJM	47-01-16	55	--	230	--	--	21	13	17	14	145	7.8
	124NNJM	51-11-06	54	--	100	--	--	21	12	18	12	146	7.2
	124NNJM	54-05-18	48	--	20	--	0	21	12	17	14	151	7.0
	124NNJM	56-03-14	55	--	30	--	0	21	11	17	14	148	6.6
	124NNJM	57-04-12	61	--	280	--	0	22	11	18	15	145	6.4
	124NNJM	58-06-03	52	--	30	--	0	23	11	15	13	145	5.8
	124NNJM	62-06-24	55	--	170	--	0	22	12	16	15	144	7.0

GEOLOGIC UNIT CODES:

112PLSC= PLEISTOCENE
124EOCN= EOCENE
124NNJM= NANJEMOY
124PNPN= PINEY POINT
125AQUI = AQUIA
211CRCSU= UPPER CRETACEOUS
217CRCSL= LOWER CRETACEOUS

Table 8.—Chemical analyses of ground water in St. Mary's County, Md. . . . Continued

CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L AS CACO3)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	WELL NUMBER
55	.0	1.08	--	--	152	--	41	29	283	7.4	--	5	--	BB 1
4.4	.1	1.40	--	--	132	--	90	0	245	7.4	21.1	2	--	BB 4
5.6	.1	.00	--	--	72	75	48	0	117	6.4	--	0	--	BB 10
1.4	.2	.02	--	--	194	197	124	0	275	8.3	15.5	3	--	BB 13
2.1	.2	--	.15	<.010	154	78	100	--	--	--	--	5	--	BB 15
2.1	.3	--	.04	.060	160	182	120	0	296	7.8	19.0	0	--	BB 22
.6	.1	.05	--	--	165	164	98	0	270	8.0	17.7	3	--	BC 16
.6	.2	.00	--	--	164	155	89	0	240	7.9	17.2	2	--	BC 17
1.2	.1	.05	--	--	145	--	73	0	251	8.5	17.7	6	--	BD 1
.7	.1	.00	--	--	165	161	35	0	240	8.3	17.7	2	--	CA 3
1.0	.3	--	.01	.120	163	174	10	0	283	8.8	18.0	5	--	CA 7
1.1	.1	.00	--	--	155	159	46	0	258	8.4	16.1	3	--	CB 1
22	.1	2.03	--	--	102	94	23	0	163	6.3	--	5	--	CB 9
.7	.2	--	.01	.010	150	157	67	0	266	7.8	17.5	1	--	CB 19
12	.1	6.10	--	--	115	--	51	41	165	7.1	13.8	1	--	CC 6
.7	.1	.00	--	--	157	153	32	0	232	8.1	17.2	0	--	CC 11
3.0	.2	.07	--	--	176	169	103	0	255	7.9	15.0	5	--	CD 1
2.2	.3	.02	--	--	232	232	147	16	324	8.2	15.0	0	--	CD 16
1.4	.1	.00	--	--	174	169	104	0	228	8.5	16.1	1	--	CD 20
2.5	.3	.13	--	--	194	208	130	0	318	7.8	--	7	--	CE 14
1.8	.3	.11	--	--	210	201	119	0	298	8.2	16.6	1	--	CE 20
2.0	.2	.00	--	--	145	138	13	0	215	8.2	17.7	1	--	CE 26
1.8	.1	.05	--	--	210	205	130	2	308	7.9	15.5	1	--	CE 27
2.0	.3	--	.11	.060	123	130	12	0	210	8.2	16.0	0	--	CE 38
16	.0	.56	--	--	176	--	111	12	307	6.7	11.1	10	--	DB 24
.7	.2	.02	--	--	190	182	21	0	292	8.2	16.1	3	--	DB 29
2.5	.4	.09	--	--	212	219	74	0	304	7.9	11.0	1	--	DC 12
9.2	.3	.16	--	--	213	216	14	0	340	8.2	--	3	--	DC 17
1.9	.2	.00	--	--	191	188	98	0	260	8.2	16.1	2	--	DC 49
2.5	.0	.13	--	--	148	149	14	0	236	8.5	17.2	5	--	DD 1
3.5	.2	.09	--	--	183	179	95	0	282	8.0	--	10	--	DD 5
2.5	.2	.07	--	--	185	--	35	0	278	8.3	15.0	1	--	DD 12
1.3	.2	.05	--	--	137	136	16	0	221	8.2	--	0	--	DD 30
2.1	.2	--	<.10	.040	179	169	13	0	275	--	--	35	--	DD 49
1.9	.2	--	<.10	.060	176	152	31	0	243	--	--	75	--	DD 50
1.8	.3	--	.01	.030	164	129	39	0	318	7.9	19.0	0	--	DD 62
1.0	.3	--	.03	.020	91	142	88	24	320	7.5	17.0	0	--	DD 63
2.1	.2	.00	--	--	210	202	134	0	262	8.4	15.5	2	--	DE 32
3.1	.2	.02	--	--	190	194	119	0	270	8.4	15.5	2	--	DE 33
5.7	.1	--	.04	.010	126	129	18	0	240	7.8	18.0	2	--	DE 40
2.5	.5	.05	--	--	225	213	10	0	316	8.5	16.6	2	--	DF 1
2.7	.6	.02	--	--	217	--	13	0	336	8.8	18.8	3	1200	
2.5	.5	.02	--	--	216	--	9	0	341	8.8	--	4	1700	
2.8	.6	.11	--	--	219	--	11	0	342	8.8	--	1	500	
3.0	.5	.02	--	--	209	--	6	0	337	8.0	--	1	2500	
2.5	.6	.00	--	--	217	--	17	0	344	8.1	--	1	<50	
2.5	.2	.00	--	--	216	213	11	0	344	8.7	--	5	--	
2.8	.4	.05	--	--	204	--	11	0	301	8.6	16.6	3	--	DF 3
3.6	.5	.02	--	--	207	--	11	0	324	8.9	16.1	3	1200	
1.7	.5	.00	--	--	210	--	8	0	323	8.8	--	3	1600	
3.0	.5	.02	--	--	219	--	9	0	324	8.9	--	2	600	
3.0	1.4	.02	--	--	203	--	12	0	331	8.6	--	1	2100	
2.6	1.0	.05	--	--	216	--	11	0	331	8.6	--	3	--	
3.5	.7	.05	--	--	205	207	28	0	323	8.4	--	5	--	
3.9	.3	.05	--	--	210	218	132	0	286	8.0	17.7	1	--	DF 6
3.0	.4	.02	--	--	211	--	133	0	285	7.9	16.6	3	1000	
3.0	.4	.02	--	--	218	--	133	0	285	8.1	--	4	900	
3.2	.4	.05	--	--	225	--	127	0	282	8.1	--	2	600	
2.2	.4	.00	--	--	216	--	124	0	289	7.8	--	5	--	
3.2	.5	.07	--	--	209	--	106	0	298	8.3	16.1	2	--	DF 9
3.5	.4	.11	--	--	206	214	102	0	295	7.9	15.0	2	--	
3.7	.5	.02	--	--	215	--	102	0	290	7.9	16.1	2	1300	
3.5	.4	.02	--	--	220	--	98	0	296	8.1	--	2	1500	
3.3	.5	.05	--	--	225	--	100	0	296	8.2	--	2	600	
3.5	.3	.02	--	--	212	--	103	0	298	7.4	--	1	1500	
3.0	.0	.00	--	--	209	216	102	0	295	7.8	--	5	--	

Table 8.—Chemical analyses of ground water in St. Mary's County, Md. . . . Continued

WELL NUMBER	GEO-LOGIC UNIT	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
SM DF 10	125AQUI	47-01-16	13	--	580	--	--	2.8	1.4	65	5.7	158	7.3
	125AQUI	51-11-06	13	--	80	--	--	3.0	1.1	70	5.3	157	6.2
	125AQUI	54-05-19	7.2	--	120	--	0	2.9	.8	68	5.6	161	10
	125AQUI	56-03-14	13	--	250	--	0	3.4	.5	69	6.4	161	10
	125AQUI	57-04-08	13	--	40	--	20	3.3	1.1	67	5.9	161	6.6
	125AQUI	58-06-03	12	--	10	--	0	2.6	1.1	63	7.4	158	5.8
	125AQUI	59-08-05	13	--	50	--	0	2.9	1.1	68	1.9	158	4.1
	125AQUI	62-06-24	18	--	70	--	0	16	6.4	39	12	150	7.4
SM DF 14	124NNJM	51-11-27	56	--	80	--	--	22	12	17	12	143	6.8
	124NNJM	54-05-19	48	--	40	--	0	22	12	14	12	143	7.8
	124NNJM	56-03-20	56	--	90	--	10	22	11	13	12	137	7.6
	124NNJM	57-04-12	55	--	50	--	0	27	8.7	11	12	139	6.4
	124NNJM	58-06-09	50	--	100	--	0	22	9.6	20	13	140	7.2
	124NNJM	62-06-24	56	--	60	--	10	22	11	17	14	141	6.6
SM DF 22	125AQUI	66-06-10	11	--	90	--	0	2.3	.9	81	7.4	178	11
SM DF 31	112PLSC	52-04-02	13	--	220	--	0	2.5	5.1	18	1.4	15	9.5
SM DF 38	124NNJM	51-11-27	60	--	120	--	--	27	14	7.7	12	147	6.8
	124NNJM	54-05-19	54	--	90	--	0	27	14	8.2	13	144	8.0
	124NNJM	56-03-14	62	--	160	--	0	27	13	7.4	12	146	8.2
	124NNJM	57-04-12	71	--	100	--	0	27	13	5.5	13	144	6.5
	124NNJM	58-06-09	55	--	80	--	0	28	12	8.0	14	144	6.0
	124NNJM	59-08-13	59	--	40	--	0	25	9.0	25	6.6	143	5.5
SM DF 39	124NNJM	51-11-27	54	--	100	--	--	21	12	17	14	144	8.8
	124NNJM	54-05-20	48	--	40	--	<5	21	12	18	12	140	9.0
	124NNJM	56-03-20	54	--	80	--	10	20	12	1.7	1.3	141	8.0
	124NNJM	57-04-12	53	--	90	--	<5	23	9.2	17	14	141	8.2
	124NNJM	58-06-09	49	--	80	--	<5	23	9.3	18	16	140	9.0
SM DF 43	125AQUI	56-03-14	12	--	130	--	0	2.5	.3	70	7.1	169	6.0
	125AQUI	56-06-18	13	--	70	--	0	2.7	2.0	73	7.3	171	6.8
	125AQUI	57-04-08	12	--	50	--	10	3.6	.7	71	6.5	171	2.4
	125AQUI	58-06-03	12	--	30	--	0	2.4	.4	70	7.4	175	6.2
	125AQUI	59-08-13	12	--	10	--	0	5.1	2.2	70	12	169	2.7
SM DF 53	124PNPN	67-05-19	57	--	30	--	0	28	13	7.9	11	147	6.4
SM DF 71	125AQUI	79-07-13	11	90	20	<10	<10	1.7	.6	71	6.0	--	6.7
SM DF 84	--	83-01-05	12	30	90	11	10	.6	.3	68	2.5	157	6.0
SM DG 1	125AQUI	51-11-21	12	--	0	--	--	2.8	1.6	76	7.0	173	6.0
	125AQUI	54-05-20	13	--	70	--	0	3.1	1.2	71	6.3	169	6.6
	125AQUI	56-03-15	12	--	70	--	70	3.4	1.0	68	6.7	167	5.8
	125AQUI	57-04-09	13	--	20	--	0	3.5	.7	70	6.7	170	5.6
	125AQUI	58-06-04	11	--	30	--	0	2.7	.3	70	6.4	178	6.0
	125AQUI	59-08-11	12	--	40	--	0	3.2	1.2	70	5.7	168	3.3
	125AQUI	62-09-30	11	--	30	--	0	5.0	.4	73	7.0	167	6.2
SM DG 3	125AQUI	54-05-20	12	--	<5	--	20	3.5	1.7	74	6.4	176	7.4
	125AQUI	57-04-09	14	--	110	--	<5	4.2	1.4	71	7.0	173	6.6
	125AQUI	58-06-04	12	--	50	--	<5	2.8	1.2	68	8.1	174	7.2
	125AQUI	59-08-11	12	--	110	--	<5	4.1	1.5	69	7.5	172	4.9
SM DG 5	125AQUI	51-11-21	12	--	130	--	--	3.8	2.6	72	8.0	174	5.0
	125AQUI	54-05-19	11	--	0	--	10	3.5	1.5	67	6.4	161	7.0
	125AQUI	56-03-15	12	--	100	--	30	3.4	1.4	62	6.6	162	6.0
	125AQUI	57-04-09	16	--	340	--	0	3.7	1.0	67	6.4	162	5.8
	125AQUI	58-06-04	11	--	30	--	0	2.9	.6	64	7.4	162	5.6
SM DG 6	125AQUI	51-11-21	11	--	40	--	--	3.2	1.7	69	6.6	160	6.0
	125AQUI	54-05-19	12	--	--	--	0	3.3	1.5	66	6.1	159	6.4
	125AQUI	56-03-15	15	--	480	--	20	4.2	1.9	63	7.2	162	6.8
	125AQUI	57-04-09	12	--	60	--	0	4.2	.9	65	6.3	161	5.4
	125AQUI	58-06-04	11	--	20	--	0	3.0	1.2	62	8.6	157	5.4
SM DG 8	124NNJM	54-05-24	49	--	220	--	0	20	12	21	14	154	7.0
	124NNJM	56-03-20	55	--	400	--	20	20	12	18	15	151	7.6
	124NNJM	57-04-12	54	--	180	--	20	21	11	17	15	153	6.0
	124NNJM	58-06-09	50	--	90	--	0	21	11	19	16	148	5.2
SM EB 19	125AQUI	67-05-18	11	--	150	--	10	3.2	1.4	113	7.7	256	6.8
SM EC 10	112PLSC	50-03-05	35	--	34000	--	40	9.9	8.3	34	13	134	4.7
SM EC 15	124NNJM	67-05-18	28	--	150	--	0	12	5.7	34	15	134	8.0
SM EE 4	124NNJM	50-03-28	56	--	390	--	0	25	12	11	16	144	9.1
SM EE 34	125AQUI	67-05-18	10	--	30	--	0	2.8	1.3	92	6.6	212	7.8

Table 8.—Chemical analyses of ground water in St. Mary's County, Md. . . . Continued

CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L AS CACO3)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	WELL NUMBER
2.8	.5	.09	--	--	196	--	13	0	313	8.7	--	2	--	DF 10
2.8	.4	.05	--	--	199	196	12	0	292	7.8	16.1	4	--	
3.2	.5	.02	--	--	196	--	11	0	311	8.8	18.3	6	1100	
3.0	.4	.02	--	--	205	--	11	0	313	8.8	--	5	1500	
1.9	.6	.02	--	--	197	--	13	0	323	8.9	--	1	500	
3.2	.3	.02	--	--	192	--	11	0	314	7.7	--	1	1700	
2.1	.5	.00	--	--	208	190	12	0	317	8.5	--	2	--	
3.0	.0	.00	--	--	194	191	65	0	305	7.8	--	5	--	
2.9	.3	.00	--	--	204	215	104	0	280	8.0	18.3	2	--	DF 14
3.8	.4	.05	--	--	215	--	104	0	279	8.1	17.7	5	1100	
1.6	.3	.02	--	--	206	--	100	0	283	7.9	--	5	300	
2.4	.5	.09	--	--	210	--	103	0	290	7.8	--	1	800	
3.0	.6	.05	--	--	211	--	94	0	291	7.7	--	5	--	
3.4	.0	.00	--	--	213	--	102	0	289	7.8	--	5	--	
2.0	<.5	<.11	--	--	219	223	9	0	359	8.0	--	4	--	DF 22
28	.0	.86	--	--	99	91	27	12	164	6.3	--	3	--	DF 31
2.8	.3	.02	--	--	210	219	124	0	284	8.0	--	0	--	DF 38
3.5	.3	.02	--	--	222	--	125	0	290	7.7	16.6	3	1100	
2.7	.4	.05	--	--	224	--	121	0	290	8.1	--	2	1400	
2.7	.4	.05	--	--	227	--	121	0	293	8.1	--	2	600	
2.5	.5	.05	--	--	215	--	119	0	296	7.8	--	5	--	
2.9	.5	.02	--	--	214	--	99	0	296	7.9	--	2	100	
2.9	.4	.02	--	--	210	217	102	0	284	8.0	--	1	--	DF 39
3.0	.6	<.01	--	--	212	208	100	0	290	7.8	16.0	4	1700	
1.6	.4	.02	--	--	210	184	99	0	289	8.1	--	3	300	
2.6	.6	.02	--	--	218	212	95	0	295	8.2	--	1	800	
3.0	.6	.05	--	--	216	212	96	0	294	7.8	--	5	--	
2.8	.5	.02	--	--	206	--	8	0	331	8.8	--	2	1700	DF 43
3.3	.5	1.80	--	--	233	221	16	0	333	8.8	--	10	900	
2.6	.6	.02	--	--	215	--	12	0	342	8.9	--	1	600	
3.0	.5	.00	--	--	210	--	8	0	334	7.9	--	1	2400	
2.4	.5	.02	--	--	209	--	22	0	338	7.8	--	6	<50	
2.3	.2	.00	--	--	211	214	124	0	281	8.3	16.6	1	--	DF 53
1.9	.6	--	.01	.070	224	100	7	--	--	--	--	8	--	DF 71
1.8	.3	--	<.01	.38	171	186	3	0	261	8.4	20.5	--	<4	DF 84
4.2	.4	.07	--	--	208	214	14	0	325	8.5	18.8	1	--	DG 1
2.5	.5	.13	--	--	208	--	13	0	331	8.4	18.3	3	1500	
1.8	.4	.07	--	--	201	--	13	0	326	8.7	--	3	1500	
2.2	.5	.09	--	--	217	205	12	0	332	8.7	--	3	600	
3.0	.7	.02	--	--	210	209	8	0	334	7.9	--	1	2400	
2.2	.6	.00	--	--	217	--	13	0	334	8.3	--	2	--	
3.0	.5	.00	--	--	207	--	14	0	331	7.7	--	0	--	
3.8	.6	<.01	--	--	216	215	16	0	342	8.5	19.0	3	1600	DG 3
2.2	.5	.05	--	--	222	211	16	0	344	8.6	--	2	600	
3.0	.6	.05	--	--	210	207	12	0	344	8.3	--	1	2500	
2.0	.6	<.01	--	--	221	205	16	0	345	8.5	--	9	--	
3.2	.4	.07	--	--	207	212	20	0	319	8.6	18.8	2	--	DG 5
3.9	.6	.00	--	--	199	--	15	0	315	8.1	16.6	3	1500	
2.2	.4	.05	--	--	192	--	14	0	314	8.6	--	1	1400	
2.4	.5	.02	--	--	216	--	13	0	317	8.5	--	2	600	
2.8	.8	.02	--	--	194	--	10	0	317	7.7	--	1	2000	
3.6	.4	.07	--	--	193	198	15	0	303	8.6	20.0	0	--	DG 6
3.2	.5	.09	--	--	197	--	15	0	312	8.4	16.6	3	1600	
2.3	.4	.07	--	--	201	--	18	0	318	8.7	--	1	1600	
2.5	.5	.05	--	--	209	--	14	0	317	8.6	--	2	500	
2.6	.3	.02	--	--	190	--	12	0	311	7.8	--	1	2000	
3.3	.4	.00	--	--	221	--	100	0	304	8.0	16.1	2	1700	DG 8
2.3	.3	.02	--	--	221	--	100	0	230	8.0	--	3	300	
2.0	.4	.02	--	--	228	--	98	0	306	8.2	--	1	900	
3.5	.5	.04	--	--	224	--	98	0	306	7.9	--	5	--	
2.0	1.1	.02	--	--	292	300	14	0	479	8.4	16.6	1	--	EB 19
9.8	.3	.27	--	--	182	--	62	0	294	7.6	16.6	18	--	EC 10
1.9	.2	.00	--	--	186	186	54	0	275	8.0	16.6	0	--	EC 15
.6	.4	.18	--	--	210	217	112	0	293	7.8	12.7	2	--	EE 4
2.4	.8	.02	--	--	252	251	13	0	408	8.4	18.3	2	--	EE 34

Table 8.—Chemical analyses of ground water in St. Mary's County, Md. . . . Continued

WELL NUMBER	GEO-LOGIC UNIT	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	IRON, DIS-SOLVED (UG/L AS FE)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	ALKA-LINITY (MG/L AS CACO3)	SULFATE DIS-SOLVED (MG/L AS SO4)
SM EE 35	124NNJM	67-05-23	48	--	330	--	0	16	7.6	32	15	149	8.0
SM EE 38	124NNJM	67-05-23	56	--	40	--	0	27	13	11	11	148	7.4
SM EE 39	124NNJM	67-05-25	49	--	60	--	0	18	9.3	24	15	148	9.6
SM EF 4	125AQUI	47-01-16	13	--	310	--	--	1.0	.7	70	3.5	154	7.7
SM EF 17	125AQUI	67-05-25	11	--	10	--	0	2.9	1.1	81	6.2	186	6.0
SM EF 53	124NNJM	67-05-23	43	--	30	--	0	15	8.0	32	15	146	9.2
SM EF 57	124NNJM	66-11-30	52	--	670	--	0	31	10	13	13	139	21
SM EG 14	112PLSC	52-04-02	9.5	--	60	--	0	6.8	1.4	2.8	1.7	22	4.8
SM EG 22	124NNJM	67-05-24	40	--	290	--	0	13	7.4	47	13	175	7.2
SM FE 1	125AQUI	47-01-16	12	--	190	--	--	2.8	1.5	101	6.0	235	9.5
SM FE 21	125AQUI	50-12-13	12	--	400	--	0	4.2	1.3	107	7.6	242	9.0
SM FE 27	124NNJM	67-05-25	19	--	60	--	0	6.1	2.7	88	10	221	7.0
SM FE 31	125AQUI	78-10-18	12	130	120	<10	--	3.0	1.2	110	9.5	250	11
SM FF 8	124NNJM	50-03-07	22	--	440	--	0	5.4	3.0	102	11	256	8.4
SM FF 21	125AQUI	54-05-18	13	--	80	--	0	3.4	1.8	122	6.0	284	12
	125AQUI	56-03-29	12	--	190	--	10	2.6	.4	121	7.2	280	11
	125AQUI	57-04-12	12	--	210	--	0	3.5	1.3	123	8.1	284	10
	125AQUI	58-06-10	13	--	340	--	100	3.7	1.1	124	8.0	283	13
SM FF 30	124EOCN	51-12-19	27	--	--	--	--	10	4.4	136	12	263	14
SM FF 34	124NNJM	54-05-18	21	--	270	--	0	5.4	2.0	91	8.2	225	6.4
	124NNJM	57-04-08	26	--	130	--	0	5.3	1.9	95	8.5	224	5.8
	124NNJM	58-06-10	23	--	250	--	30	6.5	1.7	90	9.2	223	6.7
SM FF 35	125AQUI	75-08-19	11	--	120	--	<10	3.0	1.9	140	7.8	301	13
SM FF 36	125AQUI	75-10-29	12	--	180	--	<10	3.9	.2	120	4.3	250	14
SM FG 4	124PNPN	50-03-07	24	--	79000	--	<5	4.5	2.4	159	10	375	3.6
SM FG 40	112PLSC	52-04-02	33	--	100	--	<5	57	6.9	54	6.2	16	142
SM FG 41	124NNJM	67-05-24	22	--	50	--	10	--	--	--	--	372	--
SM FG 46	124NNJM	67-05-25	27	--	120	--	10	4.4	2.2	120	7.6	280	3.0
SM FG 48	124NNJM	67-05-23	22	--	80	--	0	3.4	1.8	160	7.0	350	4.8
SM FG 50	124NNJM	67-05-22	36	--	130	--	0	6.1	3.3	74	10	198	4.0
SM GG 14	211CRCSU	66-11-30	12	--	130	--	<5	.8	.3	131	3.6	261	20

GEOLOGIC UNIT CODES:

112PLSC= PLEISTOCENE
124EOCN= EOCENE
124NNJM= NANJEMOY
124PNPN= PINEY POINT
125AQUI = AQUIA
211CRCSU= UPPER CRETACEOUS
217CRCSL= LOWER CRETACEOUS

Table 8.—Chemical analyses of ground water in St. Mary's County, Md. . . . Continued

CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	HARDNESS (MG/L AS CACO3)	HARDNESS, NONCARBONATE (MG/L AS CACO3)	SPECIFIC CONDUCTANCE (UMHOS)	PH (UNITS)	TEMPERATURE (DEG C)	COLOR (PLATINUM-COBALT UNITS)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	WELL NUMBER
1.3	.4	.02	--	--	227	218	72	0	292	8.3	16.1	0	--	EE 35
1.8	.2	.06	--	--	220	217	121	0	282	8.3	16.1	0	--	EE 38
1.1	.3	.09	--	--	218	216	84	0	298	8.4	16.6	0	--	EE 39
2.8	.6	.08	--	--	192	192	5	0	308	8.4	19.5	2	--	EF 4
2.0	.4	.02	--	--	222	223	12	0	340	8.0	18.8	0	--	EF 17
1.3	.5	.02	--	--	216	213	71	0	290	8.2	16.6	0	--	EF 53
2.0	.5	.02	--	--	224	227	119	0	316	7.6	15.5	5	--	EF 57
4.5	.1	.15	--	--	47	--	23	1	69	6.6	--	5	--	EG 14
.9	.2	.20	--	--	236	235	63	0	338	8.4	16.6	0	--	EG 22
5.0	.9	.09	--	--	282	--	13	0	460	8.6	17.7	1	--	FE 1
3.5	.7	.09	--	--	300	--	16	0	472	8.6	7.2	5	--	FE 21
1.9	.4	.02	--	--	271	267	26	0	400	8.1	17.7	0	--	FE 27
2.4	.8	--	--	--	316	303	12	0	510	--	--	10	--	FE 31
3.8	.9	.20	--	--	308	311	26	0	499	8.0	--	2	--	FF 8
4.3	1.1	.05	--	--	305	--	17	0	537	8.5	16.1	3	1800	FF 21
2.5	.8	.02	--	--	342	--	9	0	546	8.6	--	10	2200	
3.1	1.2	.18	--	--	347	--	14	0	547	8.6	--	1	600	
2.6	1.1	.18	--	--	346	--	14	0	559	8.6	--	3	900	
52	.6	.11	--	.065	412	414	43	0	654	8.4	--	15	--	FF 30
4.6	.7	.05	--	--	280	--	22	0	423	8.5	16.1	3	1700	FF 34
2.3	.8	.13	--	--	311	--	21	0	431	8.5	--	2	500	
2.5	.7	.23	--	--	283	--	23	0	436	8.1	--	3	900	
2.4	1.5	--	--	.550	--	362	15	0	--	8.4	19.0	1	--	FF 35
2.5	.8	--	.01	.310	--	308	11	0	--	8.7	21.0	1	--	FF 36
9.8	1.4	.18	--	--	439	441	21	0	712	8.3	14.5	5	--	FG 4
92	.3	.86	--	--	414	405	170	150	646	6.5	--	10	--	FG 40
4.2	--	--	--	--	--	--	14	--	687	8.6	16.6	--	--	FG 41
3.5	1.0	.02	--	--	342	337	20	0	488	7.6	16.1	3	--	FG 46
6.1	1.7	.09	--	--	420	417	16	0	620	8.5	17.7	2	--	FG 48
2.3	.3	.02	--	--	258	255	29	0	360	8.2	16.1	0	--	FG 50
2.3	.9	.14	--	--	325	328	3	0	528	7.7	20.0	5	--	GG 14

PUMPAGE DATA

Tables 9 and 10 are compilations of pumpage data of users pumping water in excess of 5,000 gal/d. Generally, all wells pumping a common aquifer in the same well field are grouped together, but some wells were drilled or abandoned during the time span covered by the table. Consequently, each well in a well field was not necessarily pumping throughout the time span. Most of these values were obtained from the Maryland Water Resources Administration, which maintains a Groundwater Appropriation Permit (GAP) file, and requires users in excess of 10,000 gal/d (in the Coastal Plain) to report monthly pumpages. Other values are estimated from charts that record the time the pump was on and by discussing water usage with the owners. The GAP number is assigned by the Maryland Water Resources Administration.

Table 9.—Pumpage amounts of large users (greater than 5,000 gal/d) in Calvert County, Md.

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
U.S. Navy - Solomons Test Facility	32-GAP-1	GD 36	Aquia	65,000	750,000	500,000	100,000	80,900
		FD 1	Aquia	(1)	(1)	(1)	(1)	(1)
U.S. Navy - Randle Cliffs	32-GAP-2	CC 40	Aquia	-	-	62,800	95,900	75,900
		CC 41	Aquia	-	-	(1)	(1)	(1)
Calvert County Hospital	52-GAP-1	DB 21	Aquia	44,000	-	4,400	5,500	8,800
		DB 46	Aquia	(1)	-	-	-	(1)
Scientists Cliffs Water Company	53-GAP-2	DC 15	Piney Point-Nanjemoy	42,000	<5,000	21,400	24,700	26,800
		DC 16	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DC 29	Aquia	(1)	-	-	6,600	10,300
White Sands	56-GAP-2	ED 17	Piney Point-Nanjemoy	10,500	-	<5,000	11,800	10,090
		ED 32	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
Cassell Utility Company	59-GAP-2	DC 34	Aquia	91,500	-	0	8,800	28,000
		DC 37	Aquia	(1)	-	-	-	(1)
Chesapeake Ranch Estates	60-GAP-2	FD 38	Piney Point-Nanjemoy	125,000	-	-	23,800	18,300
		FD 39	Aquia	(1)	-	-	27,100	60,600
		FE 18	Aquia	(1)	-	-	(1)	(1)
Long Beach	62-GAP-1	ED 12	Aquia	80,000	0	27,400	21,400	25,100
		ED 19	Piney Point-Nanjemoy	(1)	-	-	15,900	36,800
		ED 20	Piney Point-Nanjemoy	(1)	-	-	(1)	(1)
		ED 33	Piney Point-Nanjemoy	(1)	-	-	-	(1)
		ED 43	Piney Point-Nanjemoy	(1)	-	-	-	(1)
Kenwood Beach	68-GAP-9	EC 27	Piney Point-Nanjemoy	20,000	-	-	5,000	14,000

1/ Pumpage included in the above value.

Table 9.—Pumpage amounts of large users (greater than 5,000 gal/d) in Calvert County, Md. . . . Continued

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
Baltimore Gas & Electric Company (Calvert Cliffs Nuclear Power Plant)	69-GAP-10	ED 23	Aquia	600,000	-	-	-	159,900
		ED 24	Aquia	(1)	-	-	5,000	(1)
		ED 25	Aquia	(1)	-	-	(1)	(1)
Cavalier Water Company	70-GAP-4	BB 23	Magothy	63,500	-	-	0	40,200
		BB 24	Magothy	(1)	-	-	0	(1)
Calvert County Vocational Center	70-GAP-5	DB 45	Aquia	11,000	-	-	-	<5,000
Northern High School	72-GAP-1	BB 25	Magothy	32,000	-	-	-	8,800
Shores of Calvert Water Company	72-GAP-2	BA 7	Magothy	52,000	-	-	-	17,500
		BA 8	Magothy	(1)	-	-	-	(1)
Chesapeake Beach	72-GAP-3	BC 3	Aquia	150,000	5,000	10,000	30,000	33,500
		BC 4	Aquia	(1)	(1)	(1)	(1)	(1)
		BC 5	Aquia	(1)	(1)	(1)	(1)	(1)
		BC 31	Aquia	(1)	-	-	-	(1)
Calvert High School	73-GAP-8	DB 26	Aquia	5,500	-	-	6,300	6,200
Paris Oaks	73-GAP-13	BC 32	Aquia	15,000	-	-	-	5,900
Columbia LNG Corporation	73-GAP-14	FE 19	Aquia	32,500	-	-	-	8,500
		FE 20	Aquia	(1)	-	-	-	(1)
		FE 21	Aquia	(1)	-	-	-	(1)
Calvert County Commissioners (Prince Frederick Wastewater Treatment Plant)	73-GAP-15	DC 47	Piney Point-Nanjemoy	<5,000	-	-	-	6,900
Dares Beach	74-GAP-2	DC 2	Piney Point-Nanjemoy	66,000	<5,000	<5,000	<5,000	6,300
		DC 12	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DC 36	Piney Point-Nanjemoy	(1)	-	-	-	(1)
Prince Frederick	74-GAP-5	DB 41	Aquia	216,000	-	-	9,000	92,500
		DB 44	Aquia	(1)	-	-	-	(1)

1/ Pumpage included in the above value.

Table 10.—Pumpage amounts of large users (greater than 5,000 gal/d) in St. Mary's County, Md.

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
St. Marys County Metropolitan Commission	46-GAP-1	DF 22	Aquia	1,200,000	0	257,500	556,200	659,300
		DF 30	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DF 42	Aquia	(1)	-	(1)	(1)	(1)
		DF 62	Aquia	(1)	-	-	-	(1)
		DF 76	Aquia	(1)	-	-	(1)	(1)
		DF 78	Aquia	(1)	-	(1)	(1)	(1)
Steuart Petroleum Company	50-GAP-2	FE 23	Aquia	25,000	0	19,200	19,200	19,500
		FE 24	Aquia	(1)	(1)	(1)	(1)	(1)
		FE 36	Aquia	(1)	-	-	-	(1)
		FE 35	Piney Point-Nanjemoy	(1)	-	-	-	<5,000
		FE 37	Piney Point-Nanjemoy	(1)	<5,000	<5,000	<5,000	(1)
		FE 38	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
Hills Trailer Park	52-GAP-2	EF 3	Piney Point-Nanjemoy	100,000	0	39,000	49,000	46,000
		EF 13	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		EF 65	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
		EF 66	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
Town Creek Water Company	52-GAP-4	DF 49	Piney Point-Nanjemoy	200,000	-	-	82,200	113,200
		DF 50	Piney Point-Nanjemoy	(1)	-	-	(1)	(1)
		DF 54	Piney Point-Nanjemoy	(1)	-	65,700	(1)	(1)
		DF 67	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
		DF 68	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
		DF 69	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
		DF 70	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
Tekstar Industries (Leonardtown Laundry)	55-GAP-2	DD 64	Aquia	7,500	-	<5,000	8,200	4,900

1/ Pumpage included in the above value.

Table 10.—Pumpage amounts of large users (greater than 5,000 gal/d) in St. Mary's County, Md. . . . Continued

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
Chance Water Company	56-GAP-6	DF 82	Piney Point-Nanjemoy	12,000	-	-	5,500	10,000
		DF 83	Piney Point-Nanjemoy	(1)	-	<5,000	(1)	(1)
Painter Trailer Park	56-GAP-7	DF 56	Piney Point-Nanjemoy	19,200	-	<5,000	6,000	8,200
		DF 79	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
Maryland Manor Trailer Park (Mayjack Corp.)	56-GAP-8	DE 28	Piney Point-Nanjemoy	46,500	-	-	15,000	28,800
		DE 30	Piney Point-Nanjemoy	(1)	-	10,000	(1)	(1)
		DE 39	Piney Point-Nanjemoy	(1)	-	-	-	(1)
		DE 44	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)
St. Clements Shores	65-GAP-2	DC 58	Aquia	75,000	-	-	<5,000	26,000
Friendly Manor Trailer Park	66-GAP-3	EG 29	Piney Point-Nanjemoy	1,000	-	-	<5,000	8,200
Easy Wash	66-GAP-6	BB 18	Aquia	10,000	-	-	0	<5,000
		BB 19	Aquia	(1)	-	-	(1)	(1)
Point Lookout State Park	66-GAP-9	GG 14	Upper Cretaceous	30,000	-	-	<5,000	10,100
		GH 1	Upper Cretaceous	(1)	0	0	(1)	(1)
		GH 8	Upper Cretaceous	(1)	-	-	-	(1)
Greenview Knolls	67-GAP-1	DF 53	Piney Point-Nanjemoy	25,000	-	<5,000	24,700	45,300
		DF 60	Piney Point-Nanjemoy	(1)	-	-	(1)	(1)
Charles County Concrete Company	67-GAP-2	DE 32	Piney Point-Nanjemoy	5,000	-	-	<5,000	5,200
Leonardtown	67-GAP-3	DD 1	Aquia	150,000	13,700	32,900	117,800	232,400
		DD 30	Aquia	(1)	-	-	(1)	(1)
		DD 39	Aquia	(1)	-	-	(1)	(1)

1/ Pumpage included in the above value.

Table 10.—Pumpage amounts of large users (greater than 5,000 gal/d) in St. Mary's County, Md. . . . Continued

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
Puchetti Trailer Park	67-GAP-7	FE 27	Piney Point-Nanjemoy	9,000	-	-	<5,000	<5,000
St. Marys County Vocational Center	67-GAP-9	DD 41	Aquia	57,800	-	-	<5,000	5,100
St. Marys College	69-GAP-1	EF 69	Aquia	63,000	-	-	28,000	40,000
Cherry Cove Water Company	69-GAP-17	DD 33	Aquia	250,000	-	-	46,800	51,600
		DD 44	Aquia	(1)	-	-	(1)	(1)
Lundeberg School of Seamanship	70-GAP-10	FE 1	Aquia	-	96,440	96,400	96,400	96,400
		FE 2	Aquia		(1)	(1)	(1)	(1)
		FE 21	Aquia		(1)	(1)	(1)	(1)
St. Marys County Metropolitan Commission, King and Kennedy	71-GAP-4	CC 18	Aquia	20,000	-	-	-	11,200
		CC 19	Aquia	(1)	-	-	-	(1)
Southern Maryland Utility Company (Wicomico Shores)	72-GAP-1	CA 5	Magothy	150,000	-	-	-	8,300
Mt. Pleasant Water Company	72-GAP-4	DC 59	Aquia	60,000	-	-	-	<5,000
		DC 60	Aquia	(1)	-	-	-	(1)
St. Marys County Metropolitan Commission, Cedar Cove	73-GAP-3	DF 80	Aquia	45,000	-	-	-	52,000
Pine Hill Run		DG 10	Aquia	(1)	-	-	10,000	(1)
Spring Ridge School	73-GAP-10	EG 30	Piney Point-Nanjemoy	25,000	-	-	-	<5,000
St. Marys County Metropolitan Commission, Tubman Douglas	74-GAP-2	DF 73	Aquia	30,000	-	-	-	21,900

1/ Pumpage included in the above value.

Table 10.—Pumpage amounts of large users (greater than 5,000 gal/d) in St. Mary's County, Md. . . . Continued

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
U.S. Department of the Navy								
Patuxent Naval Air Test Station	74-GAP-18	DF 1	Aquia	186,000	919,700	1,283,300	932,000	798,300
		DF 2	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 3	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 4	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 5	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 7	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 10	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 11	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 12	Aquia	(1)	(1)	(1)	(1)	(1)
		DF 43	Aquia	(1)	-	(1)	(1)	(1)
		DG 1	Aquia	(1)	(1)	(1)	(1)	(1)
		DG 3	Aquia	(1)	(1)	(1)	(1)	(1)
		DG 5	Aquia	(1)	-	(1)	(1)	(1)
		DG 6	Aquia	(1)	(1)	(1)	(1)	(1)
		DG 9	Aquia	(1)	-	-	-	(1)
		DF 13	Aquia and Piney Point-Nanjemoy	(1)	43,700	63,900	66,100	48,700
		DG 2	Aquia and Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DF 6	Piney Point-Nanjemoy	(1)	80,700	153,000	114,200	62,500
		DF 8	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DF 9	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DF 14	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DF 38	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DF 39	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DG 4	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
		DG 8	Piney Point-Nanjemoy	(1)	-	(1)	(1)	(1)

1/ Pumpage included in the above value.

Table 10.—Pumpage amounts of large users (greater than 5,000 gal/d) in St. Mary's County, Md. . . . Continued

Owner or Name	Groundwater Appropriation Permit (GAP) No.	Well No.	Aquifer	Amount appropriated (gal/d average)	Amount pumped (gal/d average over 10-year period)			
					1941-50	1951-60	1961-70	1971-80
St. Marys County Metropolitan Commission, Rolling Acres	74-GAP-25	BC 20	Aquia	15,000	-	-	-	7,000
		BC 30	Aquia	(1)	-	-	-	(1)
St. Marys County Metropolitan Commission, Burch Manor	74-GAP-35	CC 15	Aquia	25,000	-	-	-	9,300
		CC 16	Aquia	(1)	-	-	-	(1)
St. Marys County Metropolitan Commission, Fenwick Manor	74-GAP-43	CE 34	Aquia	6,500	-	-	-	<5,000
		CE 35	Aquia	(1)	-	-	-	(1)
St. Marys County Metropolitan Commission, Country Lakes	76-GAP-3	CB 18	Aquia	25,000	-	-	-	7,300
		CB 19	Aquia	(1)	-	-	-	(1)
St. Marys County Metropolitan Commission, Industrial Park	76-GAP-4	DE 40	Aquia	34,300	-	-	-	<5,000
Town Creek Water Company (Hollywood)	76-GAP-10	CE 36	Piney Point-Nanjemoy	10,000	0	<5,000	<5,000	7,000
		CE 37	Piney Point-Nanjemoy	(1)	(1)	(1)	(1)	(1)
St. Marys County Metropolitan Commission, Wildewood	76-GAP-14	DE 36	Aquia	12,500	-	-	-	6,000
Breton Bay (Green Acres Drive-In, Inc.)	76-GAP-24	DD 47	Aquia	40,000	-	-	-	14,700

1/ Pumpage included in the above value.

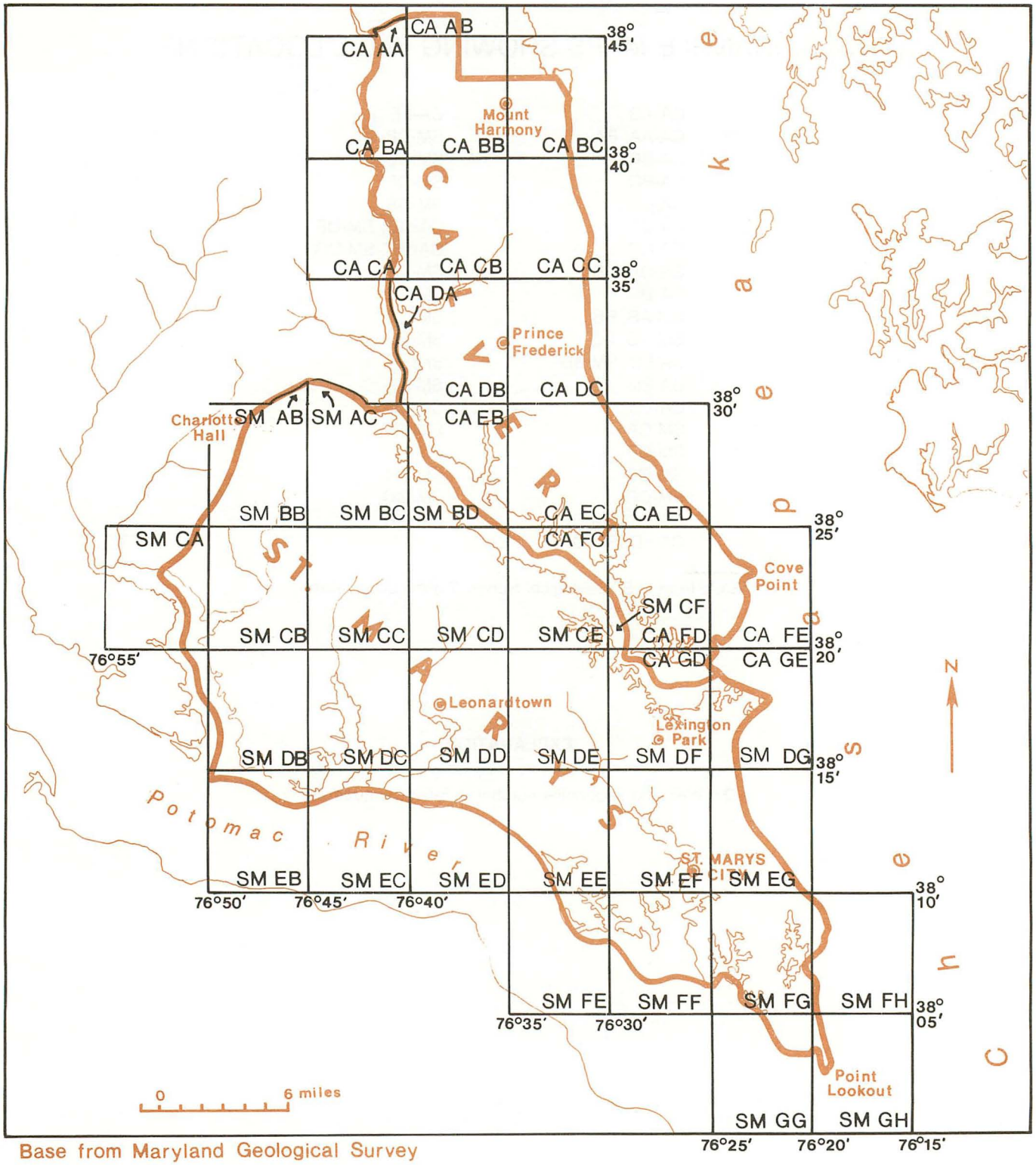
QUADRANGLE MAPS SHOWING WELL LOCATIONS

CA-AB
CA-AA, BA
CA-BB
CA-BC
CA-CA
CA-CB
CA-CC
CA-DA, DB
CA-DC
SM-AB, BB
SM-AC, BC
CA-EB, SM-BD
CA-EC
CA-ED
SM-CA
SM-CB
SM-CC
SM-CD
CA-FC, SM-CE
CA-FD, SM-CF
CA-FE
SM-DB
SM-DC
SM-DD
SM-DE
CA-GD, SM-DF
CA-GE, SM-DG
SM-EB
SM-EC
SM-ED
SM-EE
SM-EF
SM-EG
SM-FE
SM-FF
SM-FG
SM-FH
SM-GG
SM-GH

Base from U.S. Geological Survey 7.5-minute quadrangles

EXPLANATION

O[4] Well and sequential number in 5-minute quadrangle.



Base from Maryland Geological Survey

Figure 2.—Map showing locations of 5-minute quadrangles in Calvert and St. Mary's Counties, Md.

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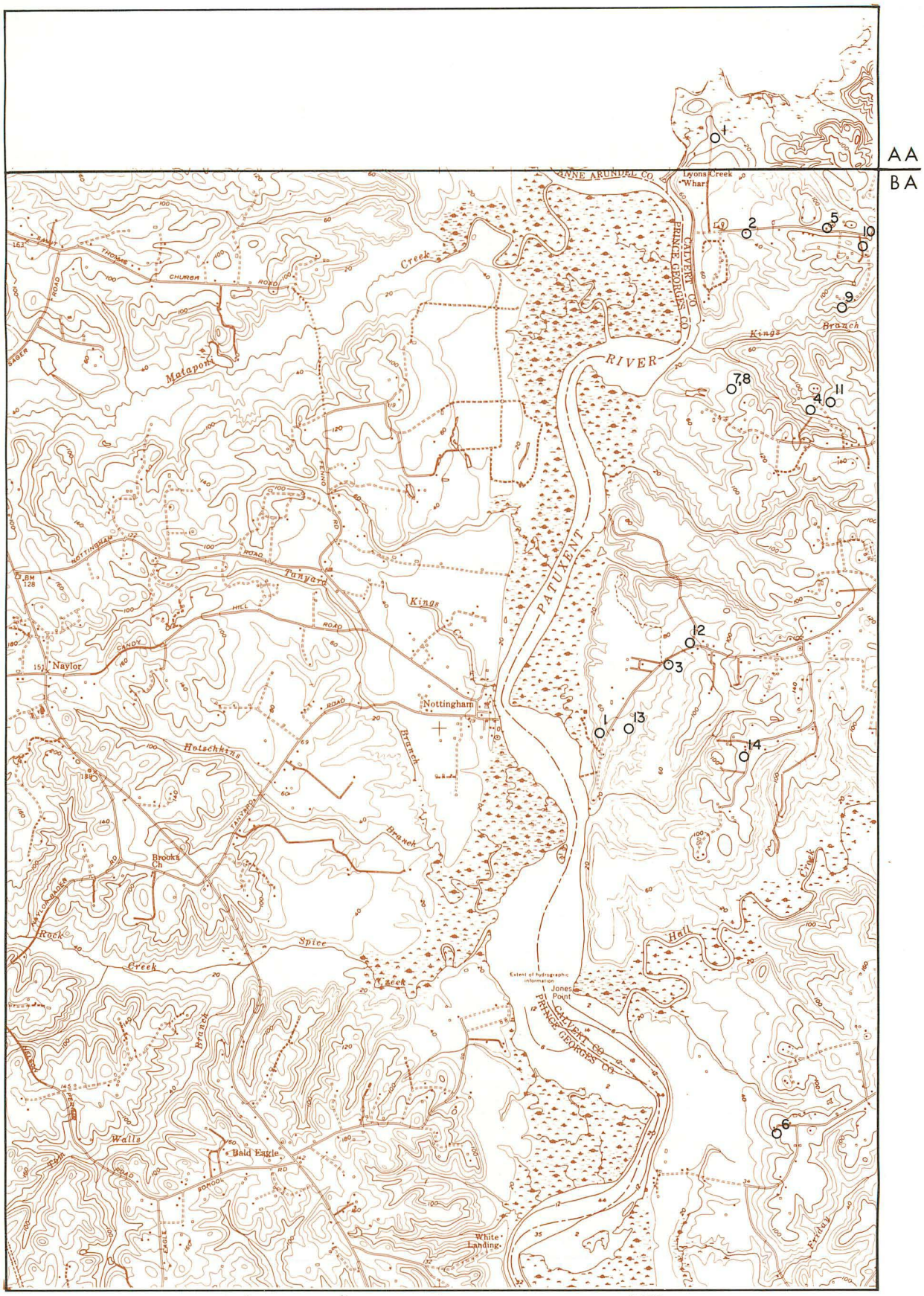

CA AA, BA

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CA BB

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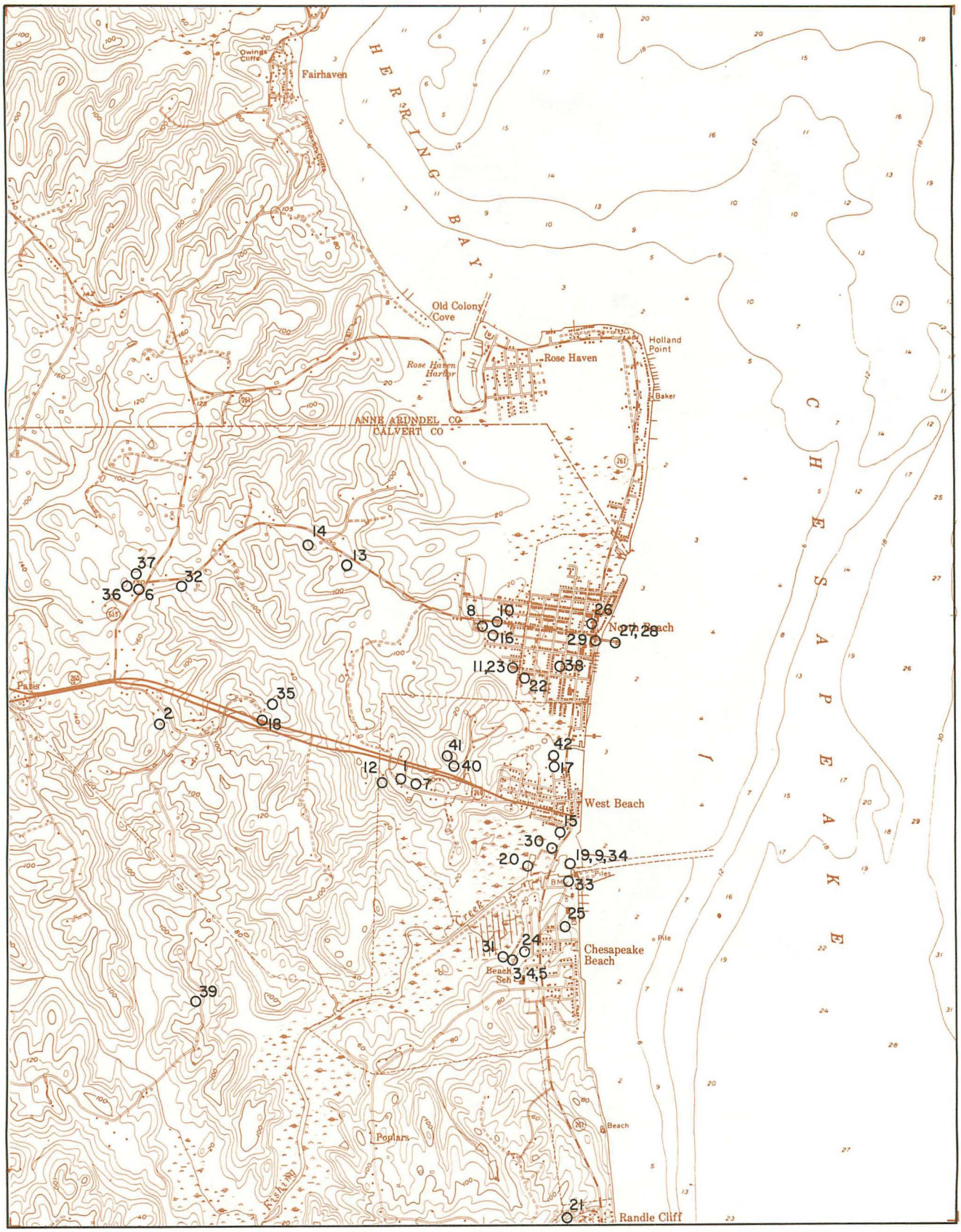

CA BC

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CA CA

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N

CA CB

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1 .5 0 1 KILOMETER

N

CA CC

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CA DA, DB

CA DA DB

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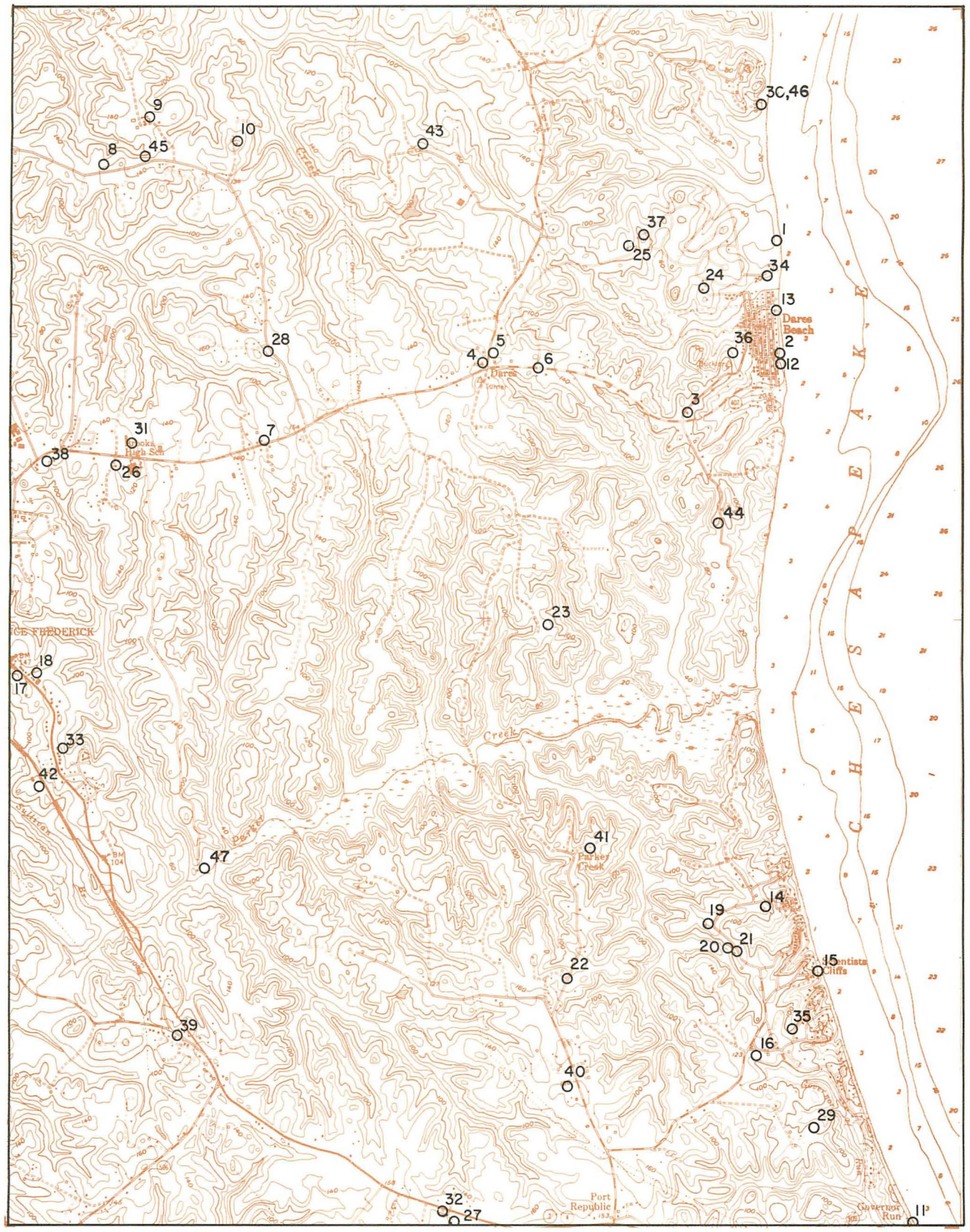

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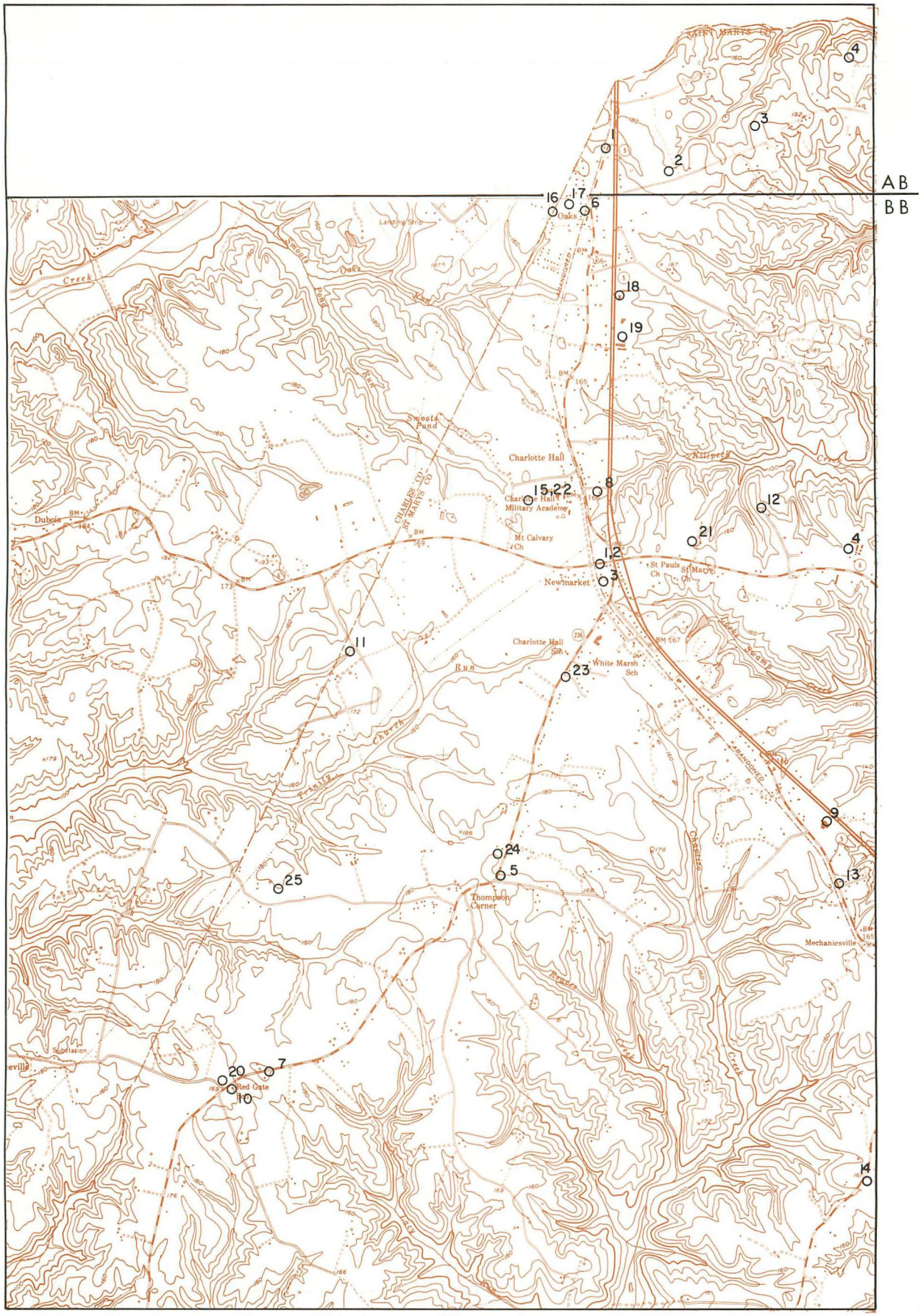

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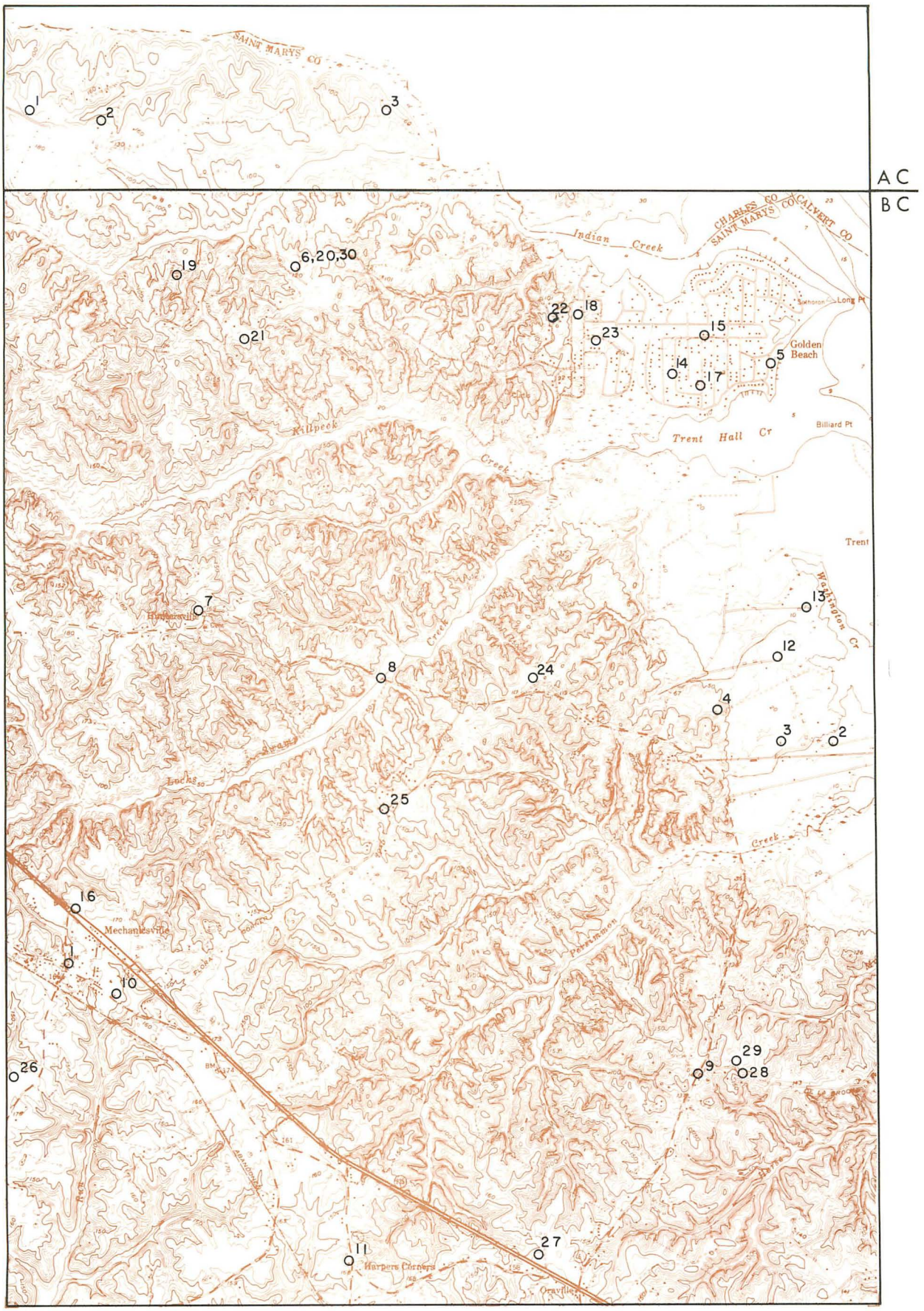

SM AC, BC

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CA EB, SM BD

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CA EC

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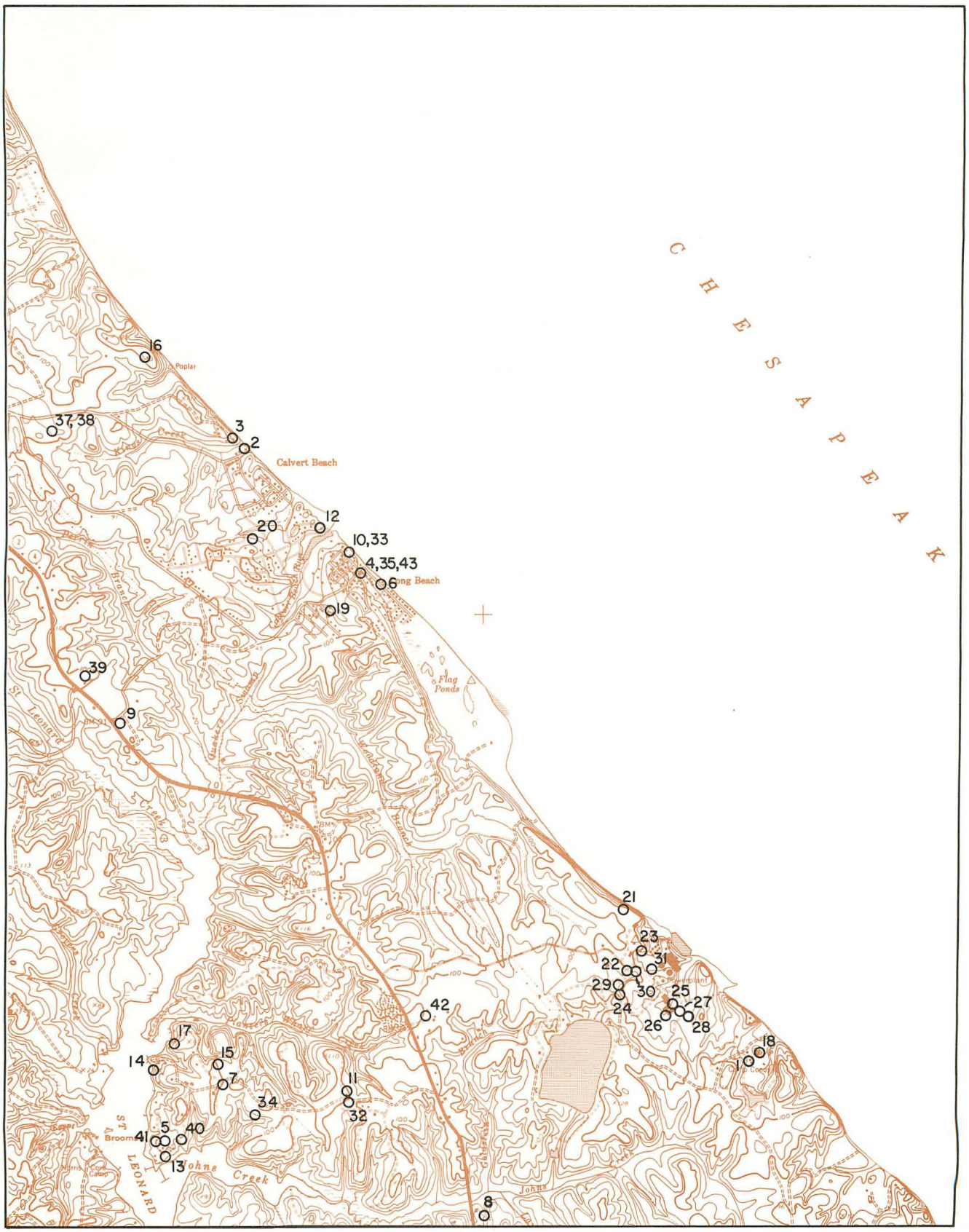

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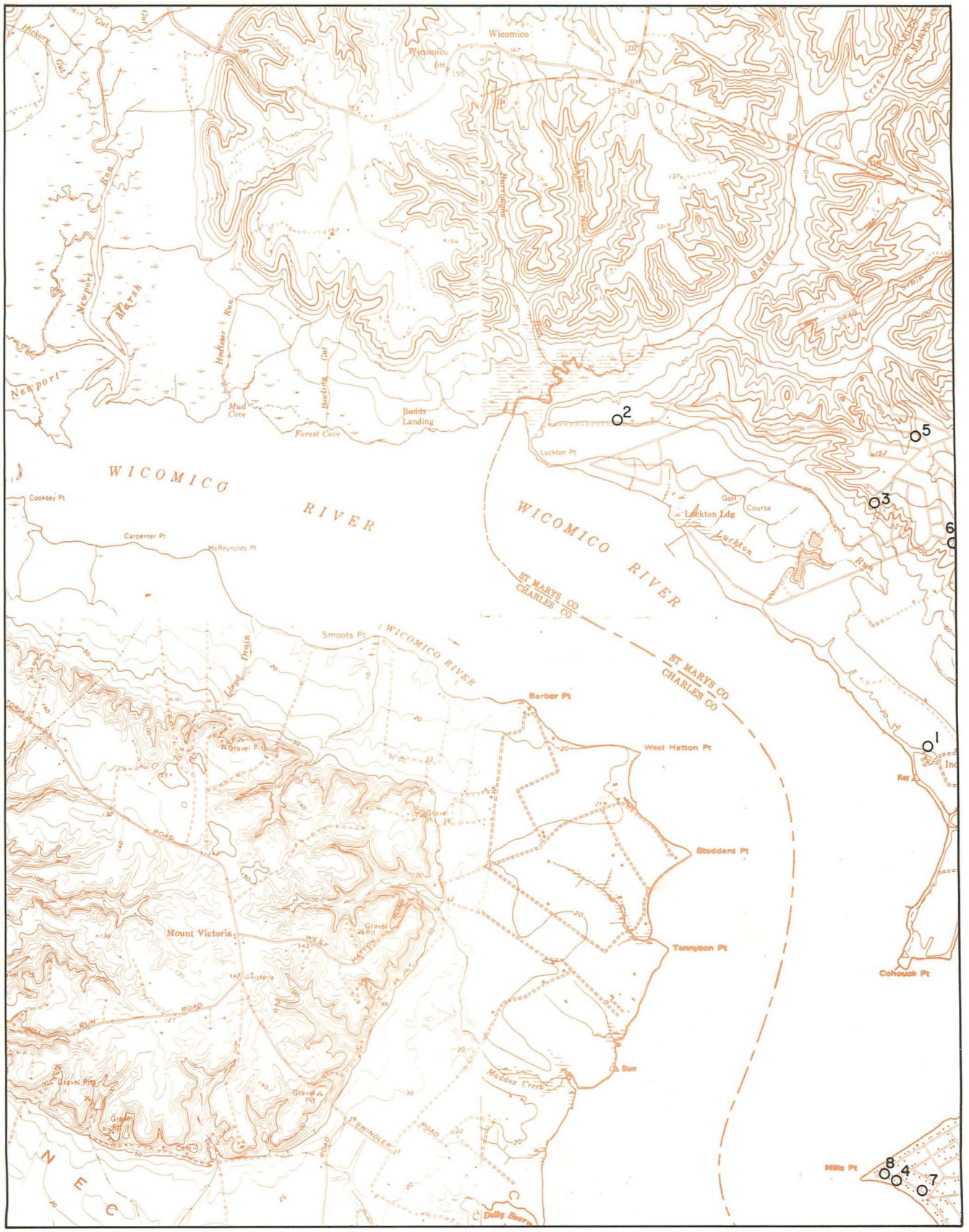

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13
18,19,20
10
Bethel Ch
Budds Creek
Coffee Hill
Coffee Hill Run
Chaptico Creek
25
John Wesley Ch
Budds Creek Sch
12
27
Hayden Run
Forrest Hall Br
14
11
Budds Creek Sch
26
8,17
5
7
6
3
4
1
Chaptico
Our Lady of the Wayside Ch
23
21
Mattney Pt
Chaptico Pt
CHAPTICO BAY
Bankhead Pt
Bankhead Cove
Hayden Pt
Hayden Cove
15
Bull Run
Bassford Creek
16
9
28
Hurry
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SM CB

SM CC

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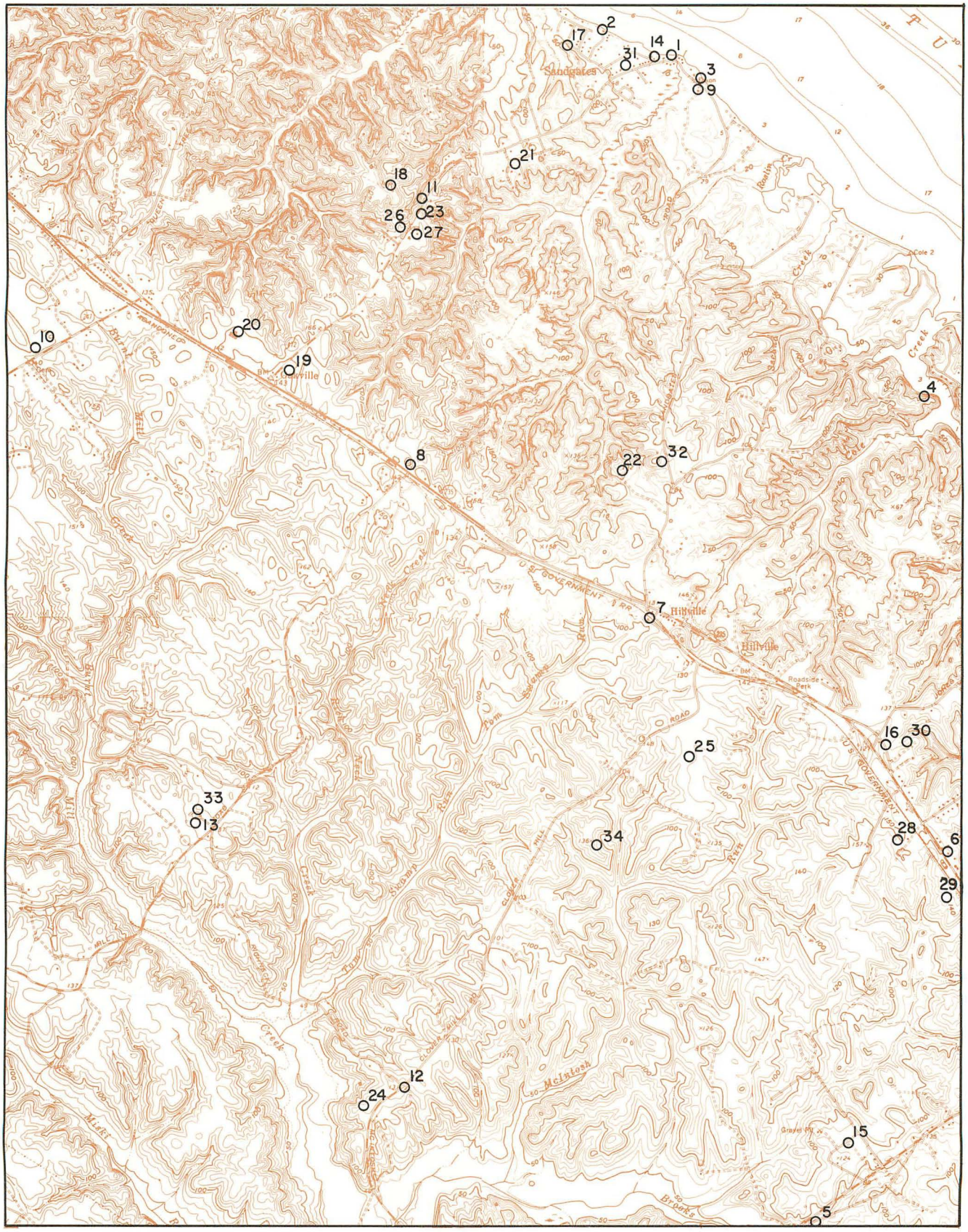

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CA FC, SM CE

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CA FD, SM CF

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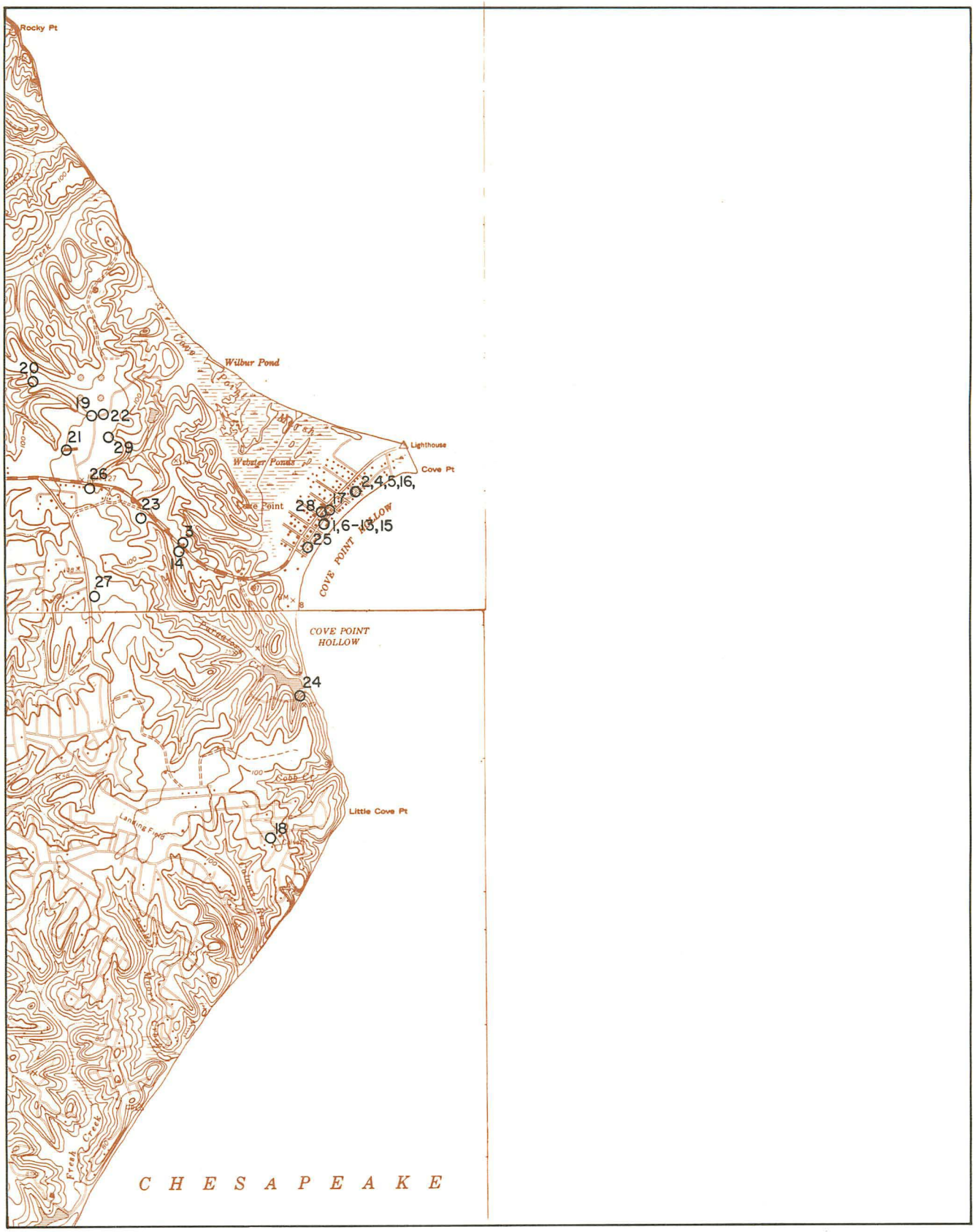

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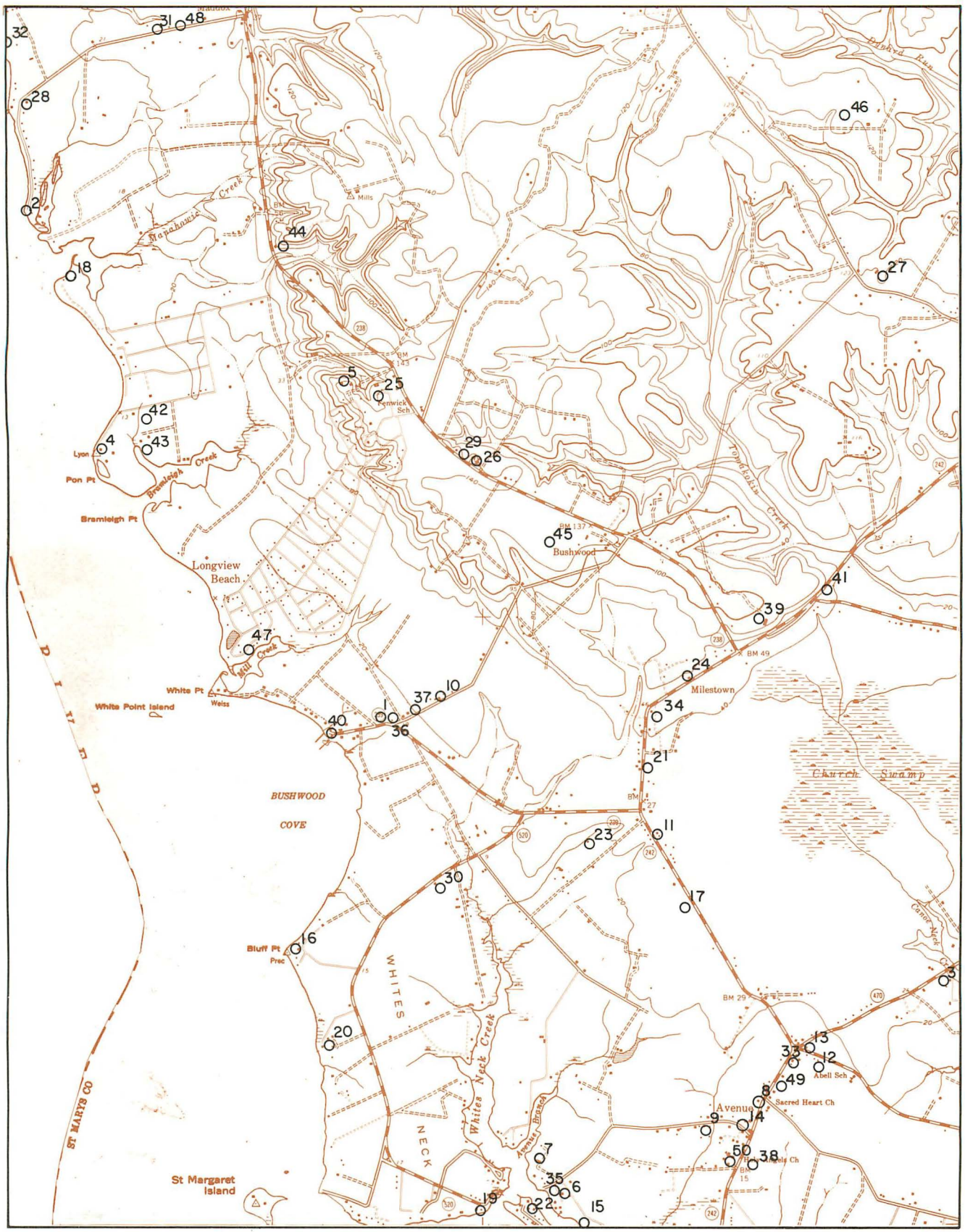

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SM DC

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N

SM DD

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N

SM DE

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CA GD, SM DF

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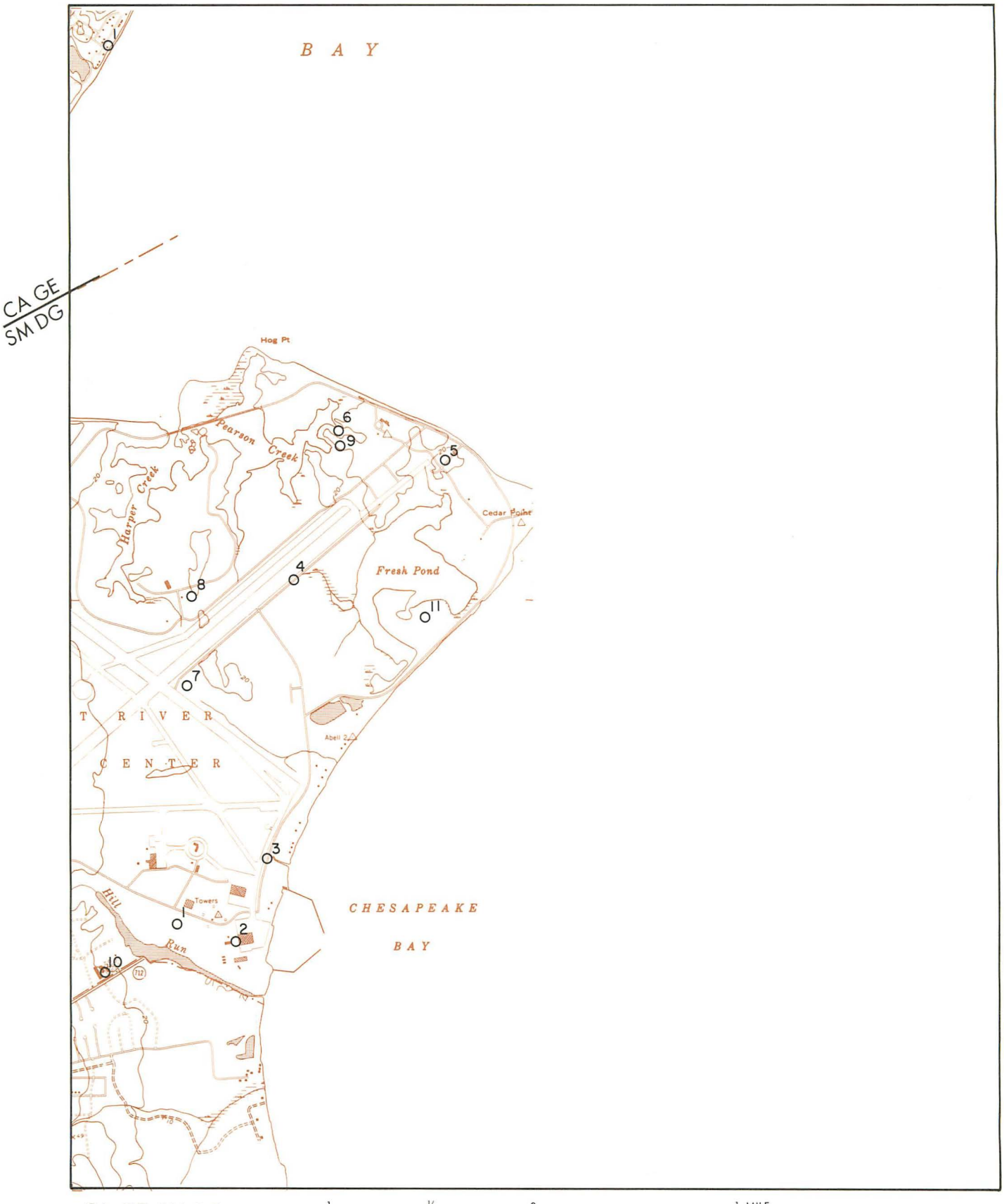

CA GE, SM DG

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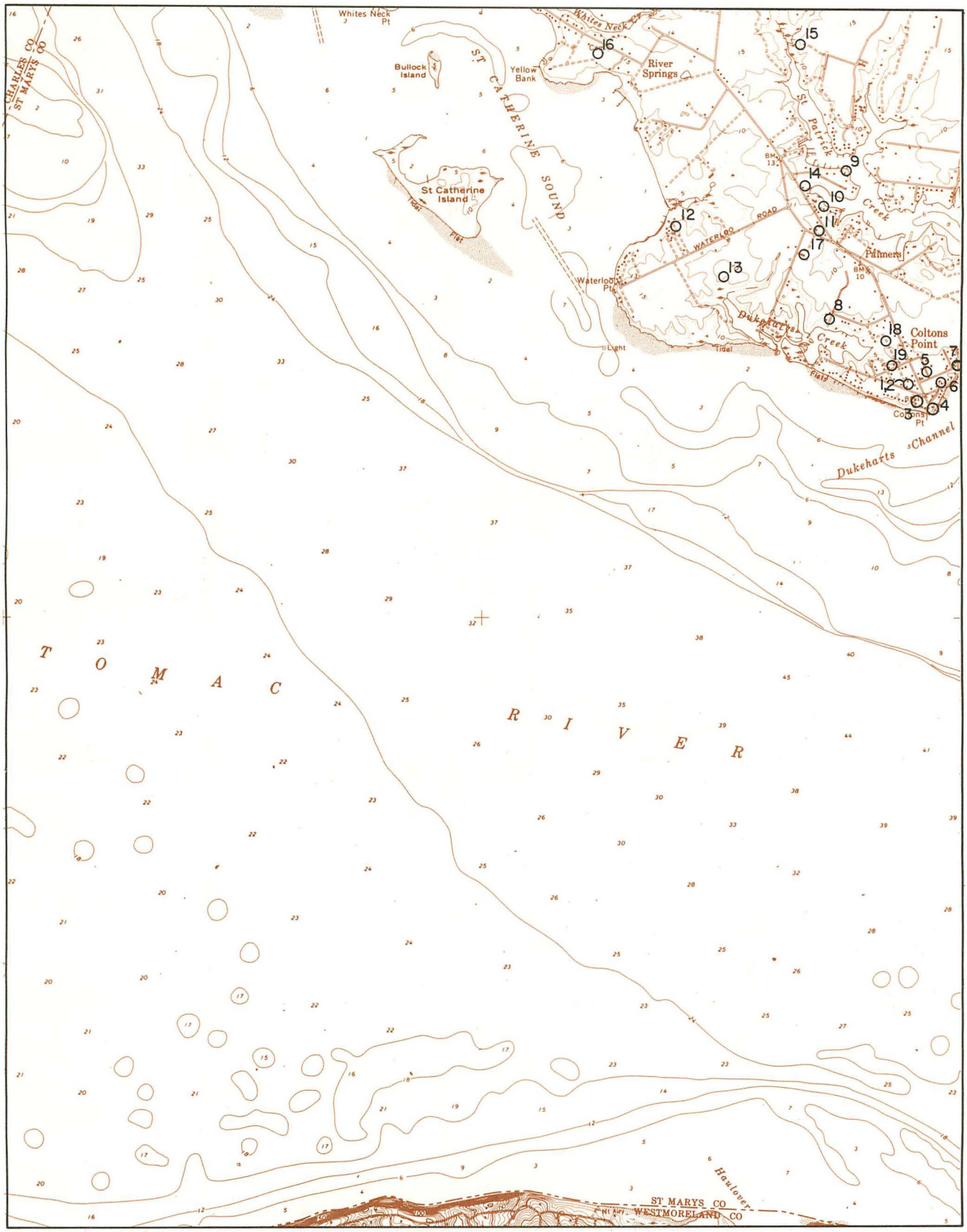

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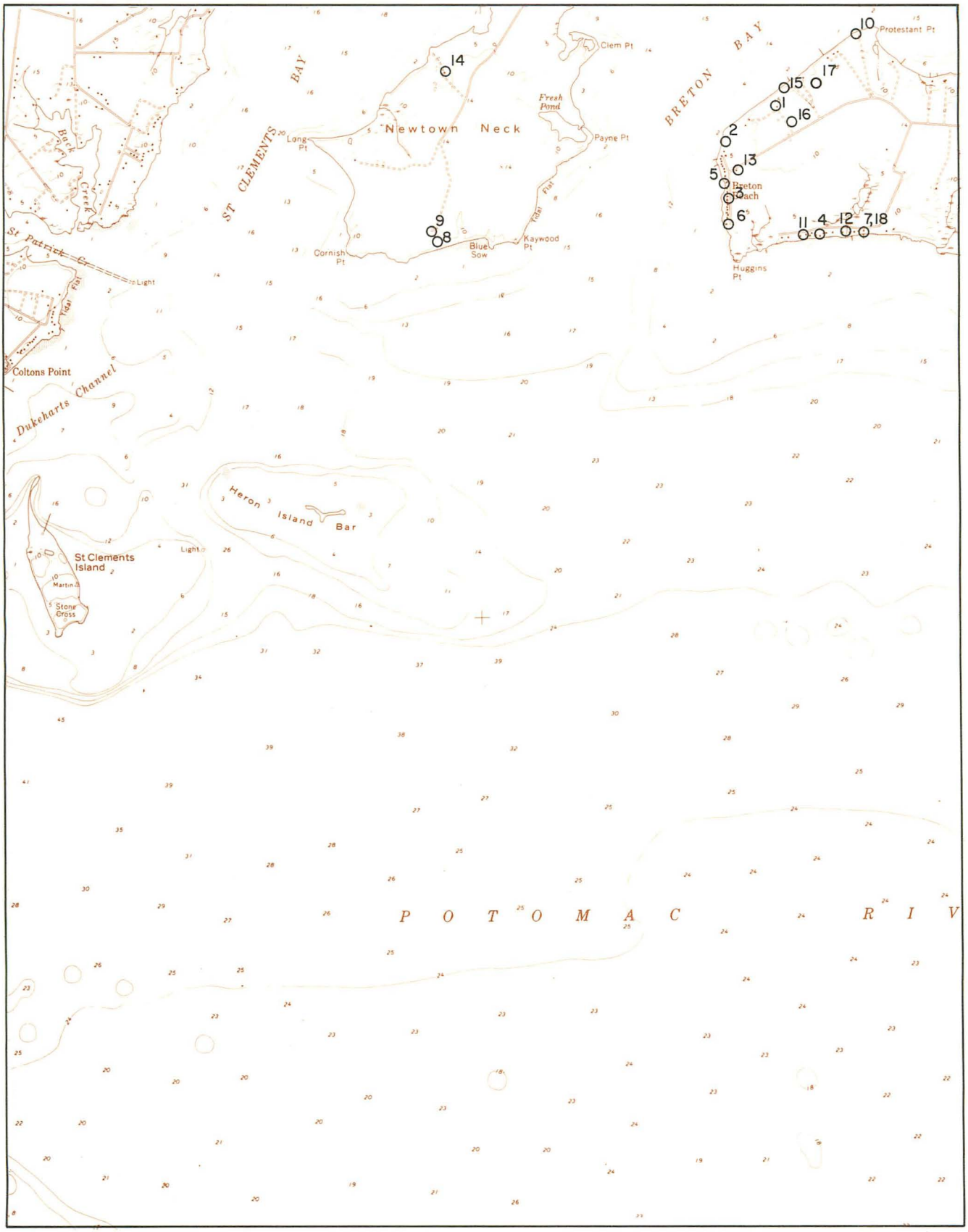

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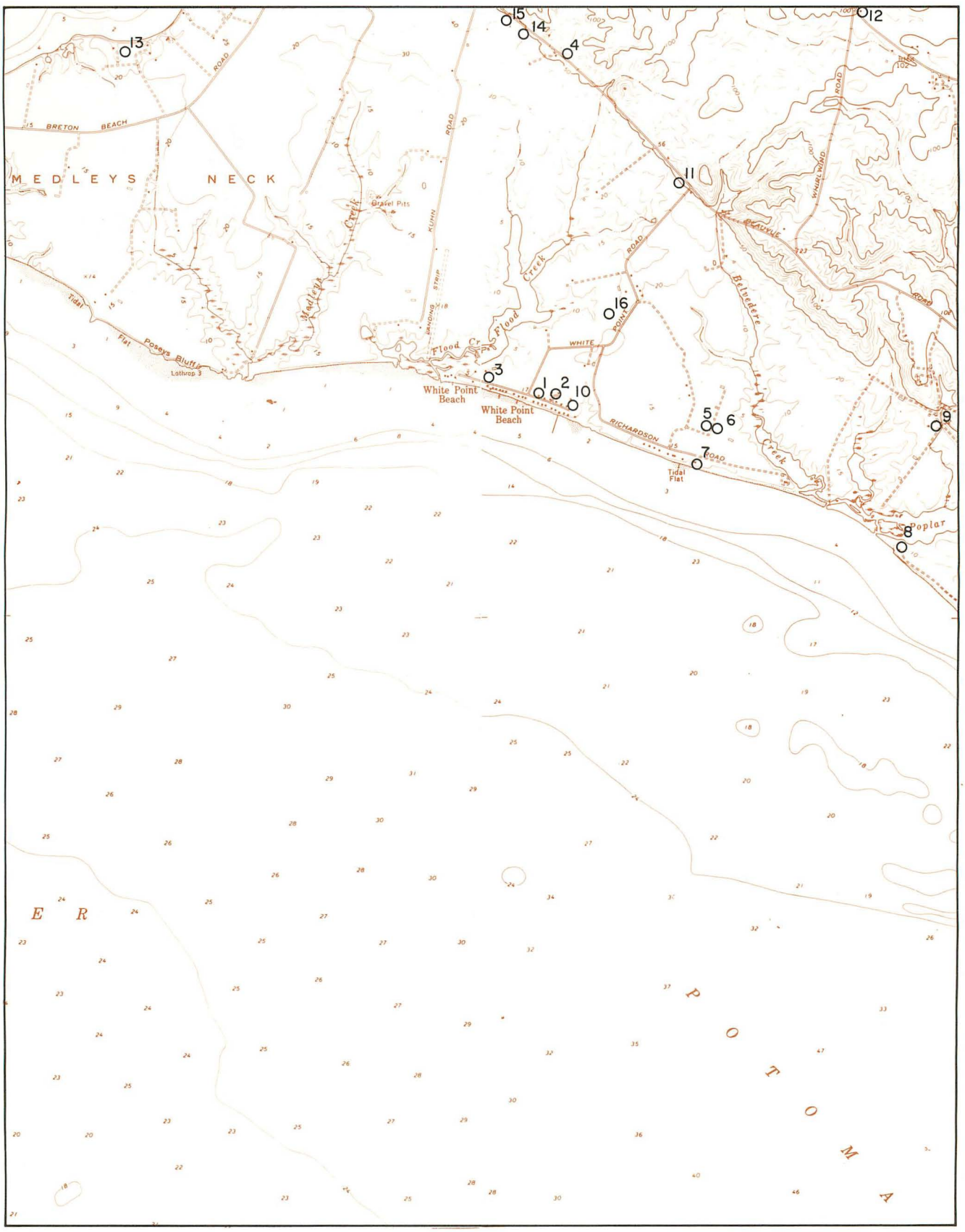

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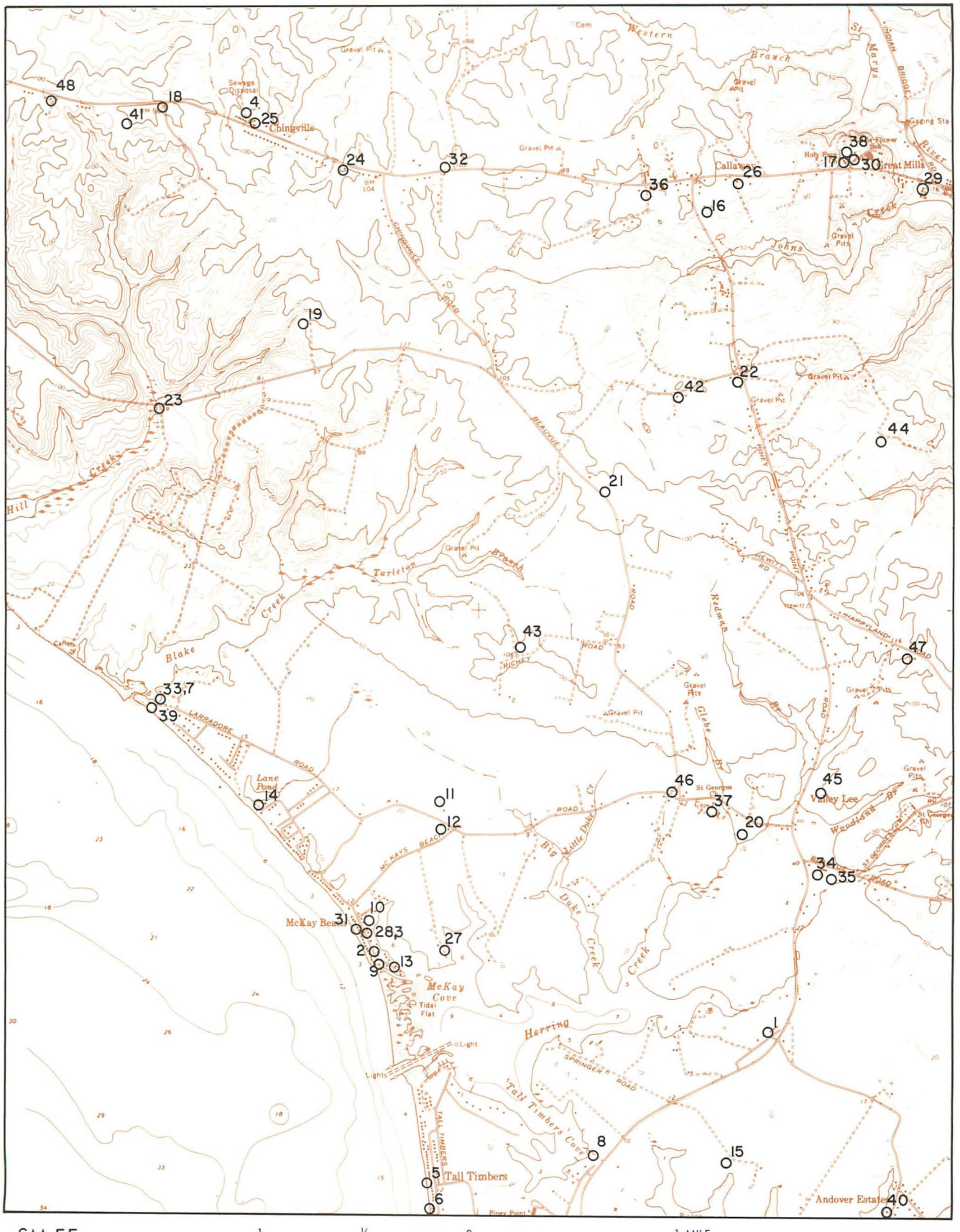

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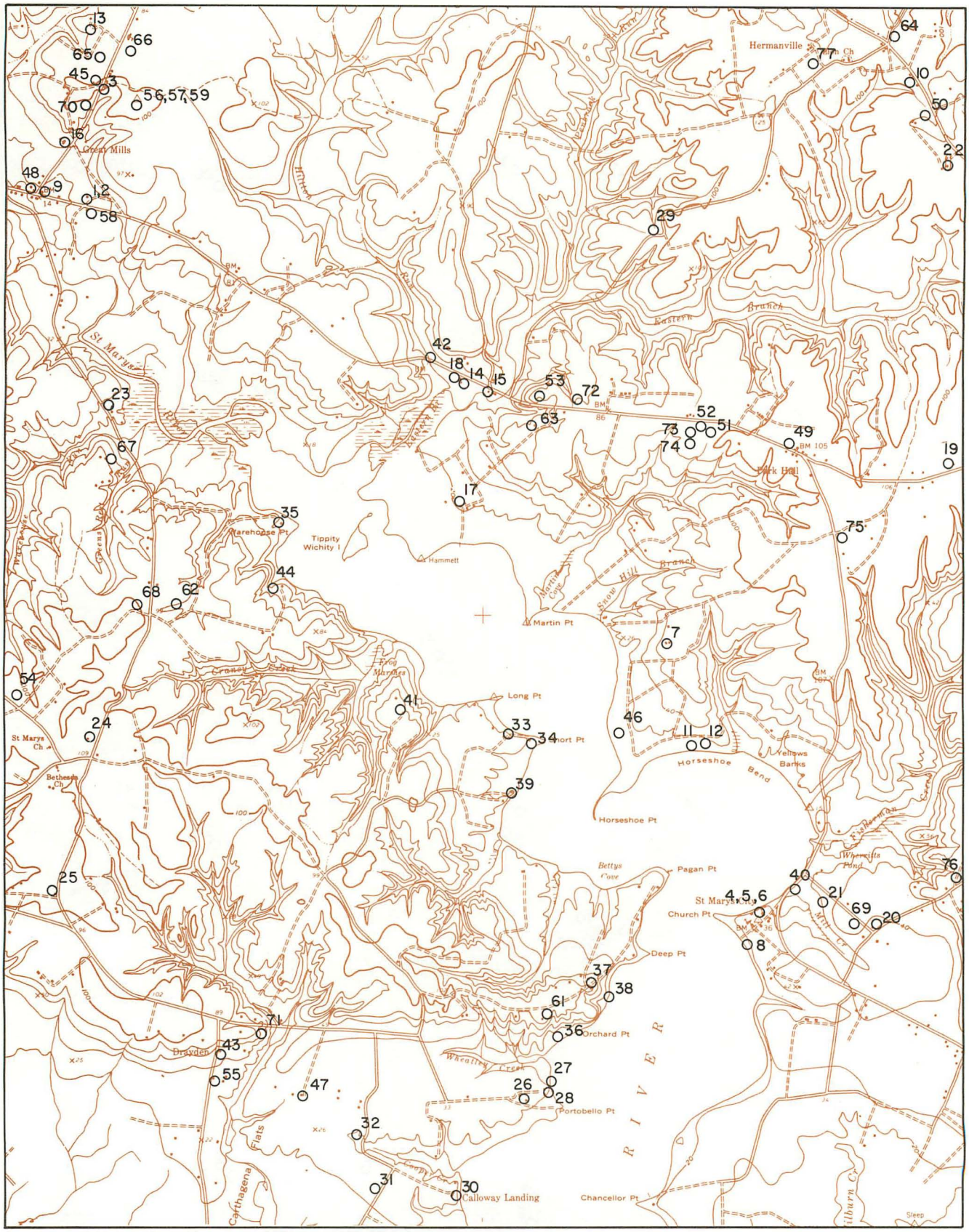

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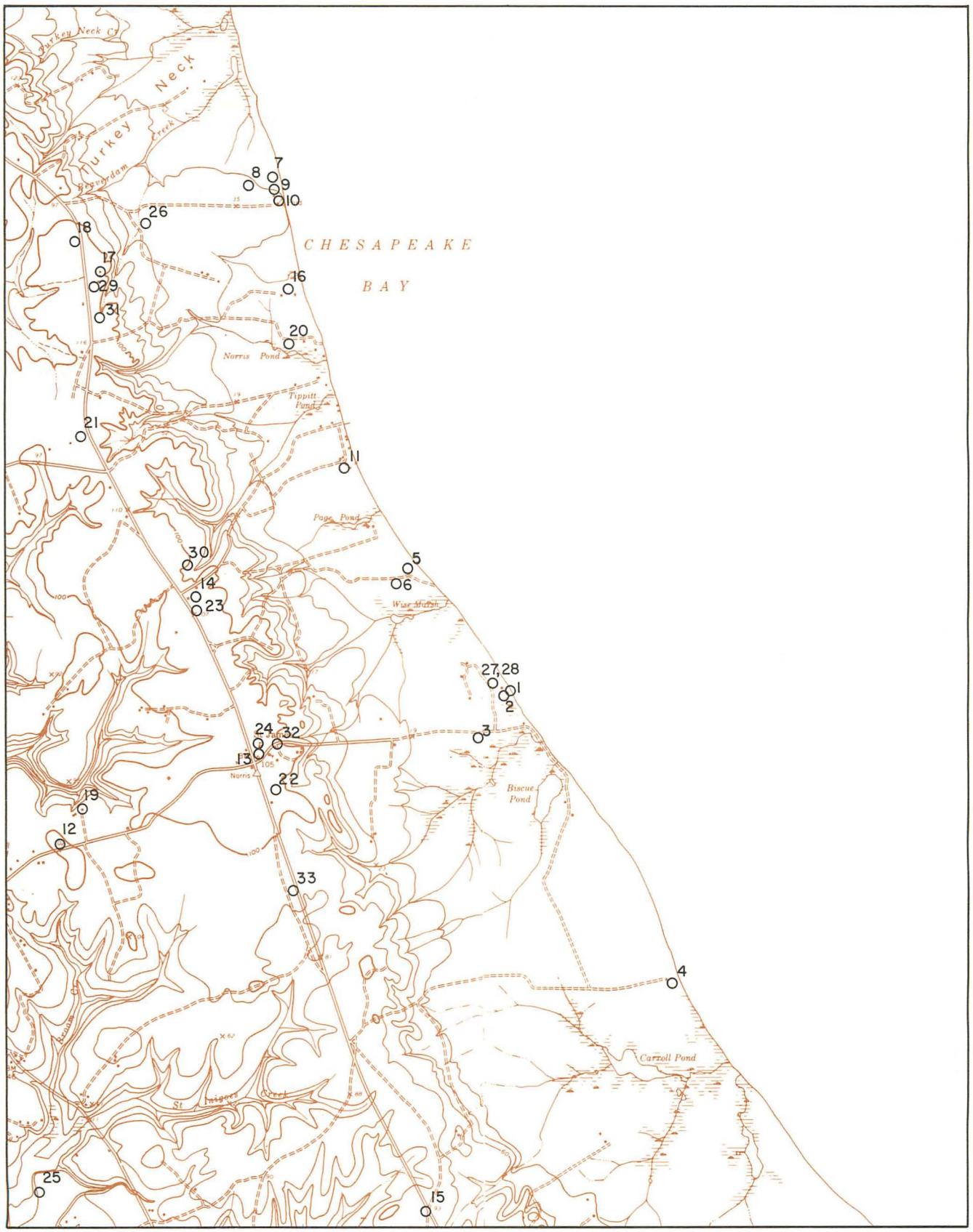

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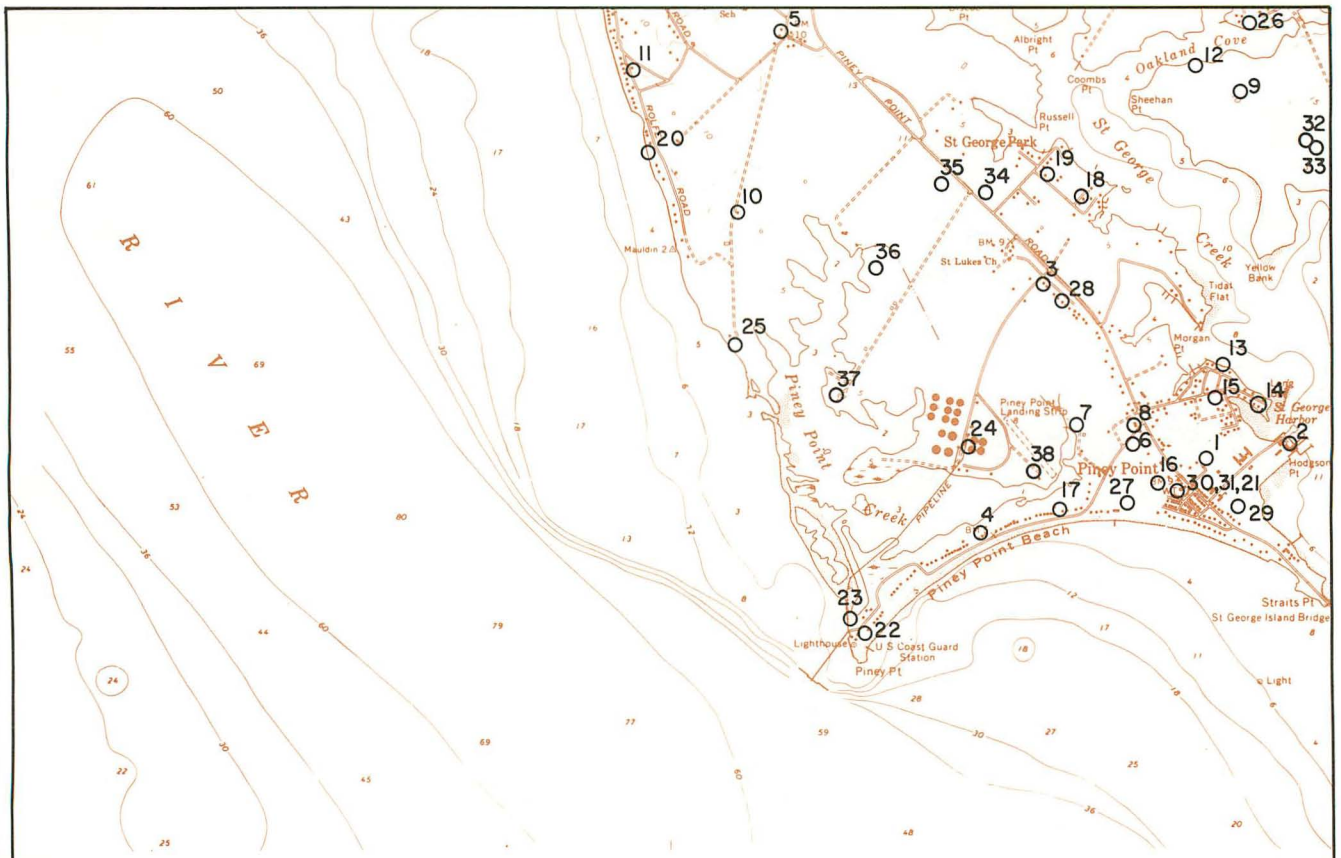

SM FE

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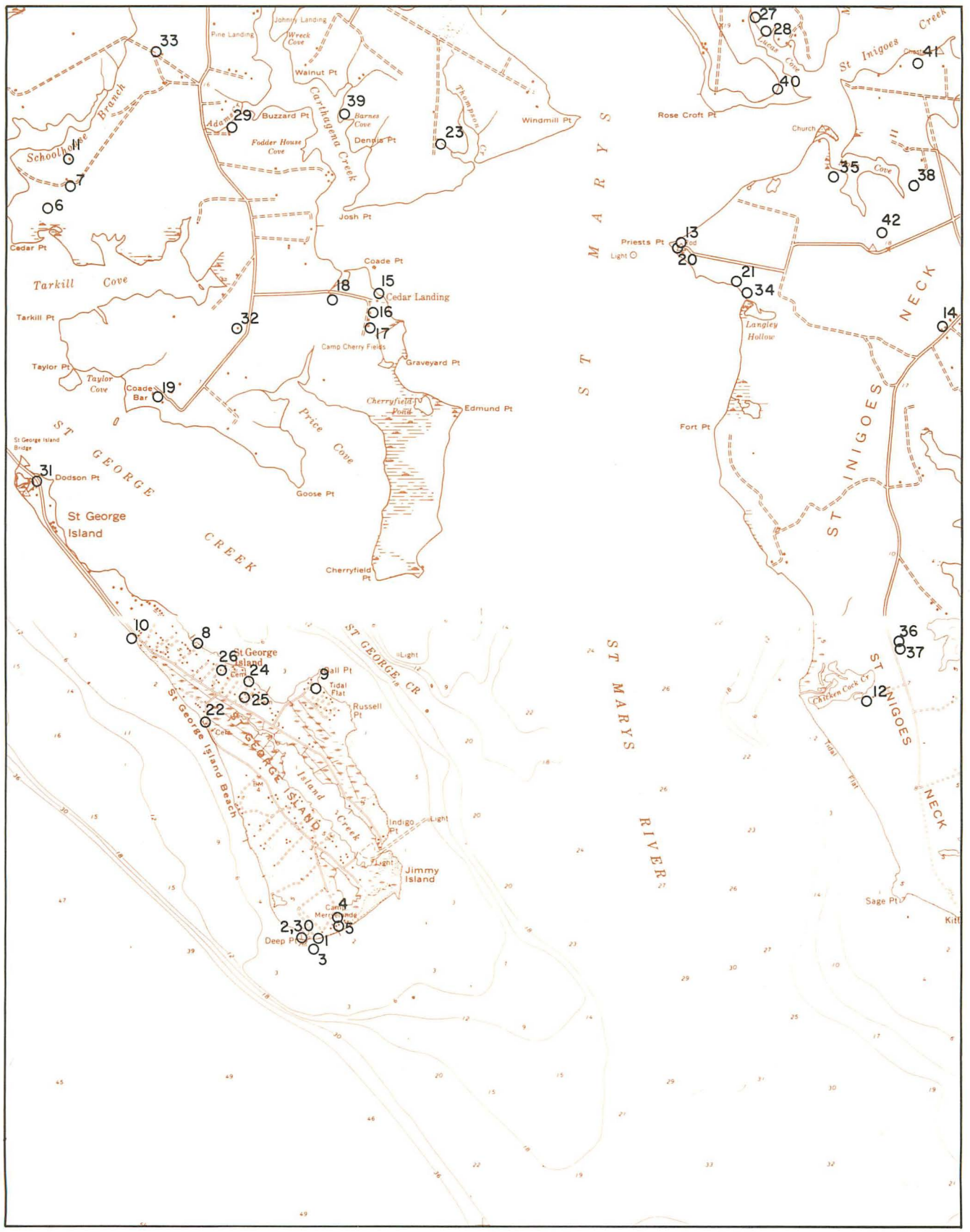

SM FF

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Church Cove
Dameron
Beachville
St Inigoes
JUTLAND
NECK
Smith Creek
Jutland Creek
Jutland Neck
SMITH CREEK
Fox Harbor
Tick Neck
Calvert Creek
Calvert Bay
Clayton Marina
Wynne
Tidal Flat
Lawson Pt
Gray Pt
Rowley Bay
Harry James Cr
Ridge
Ridge Chapel
Scotland
Bacon
Taylor Cove
ST JEROME CREEK
St Jerome Creek
Split Point
Deep Pt
Airedele
Northern Prong
Southern Prong
Fresh Pond
Neck
Deep Creek
Long Neck
St Jerome Beach
St Jerome Point
Malone Bay
SM FG
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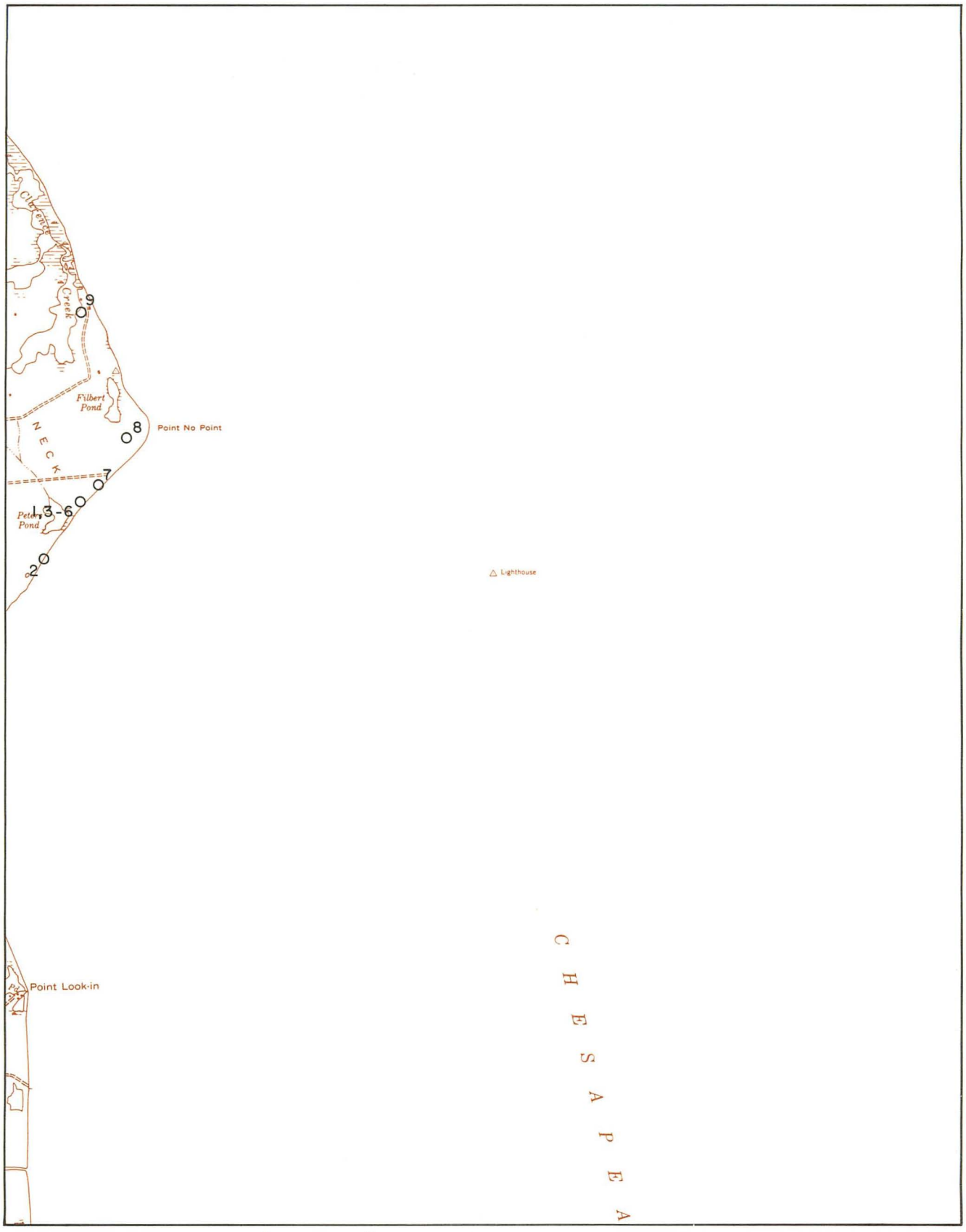

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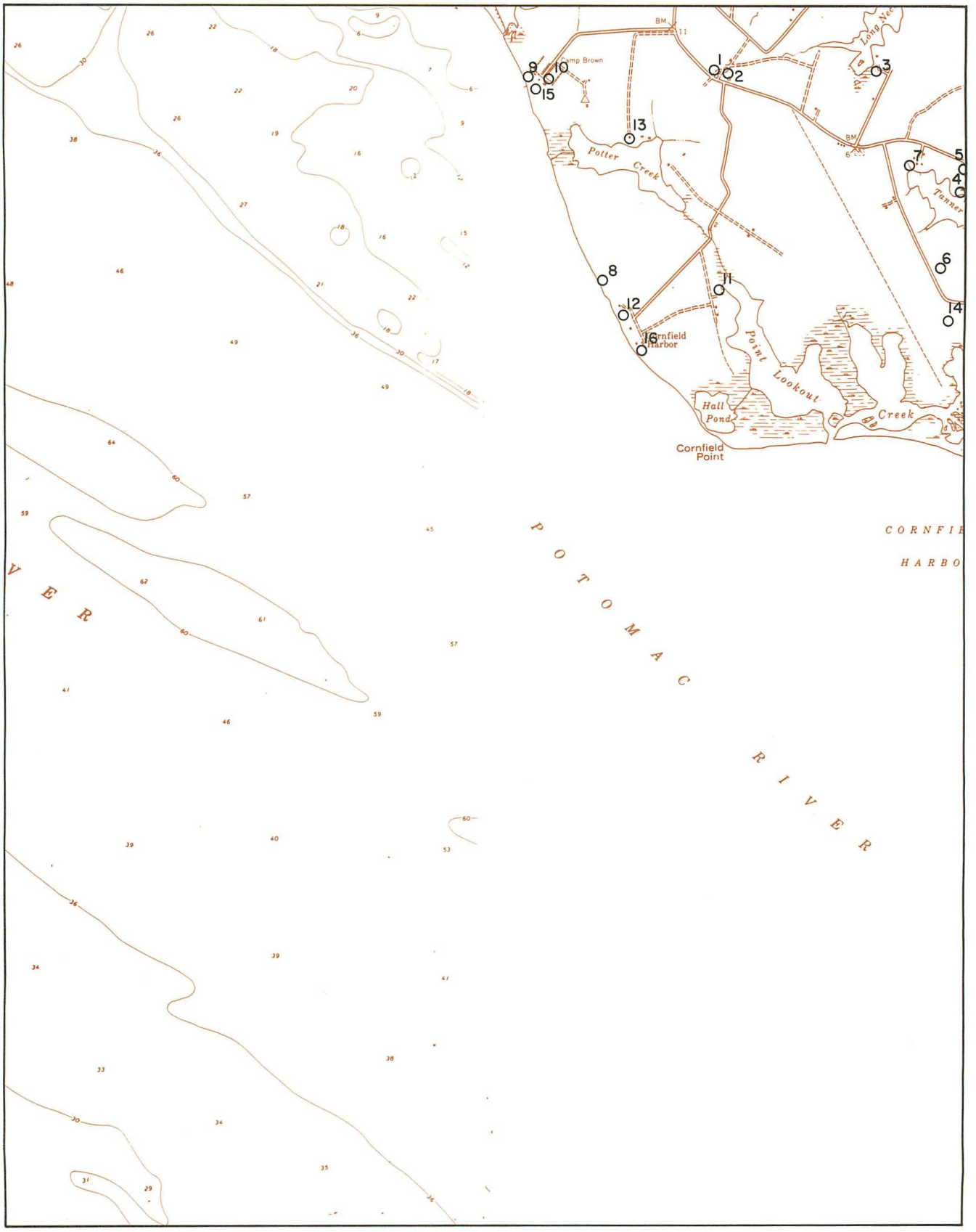

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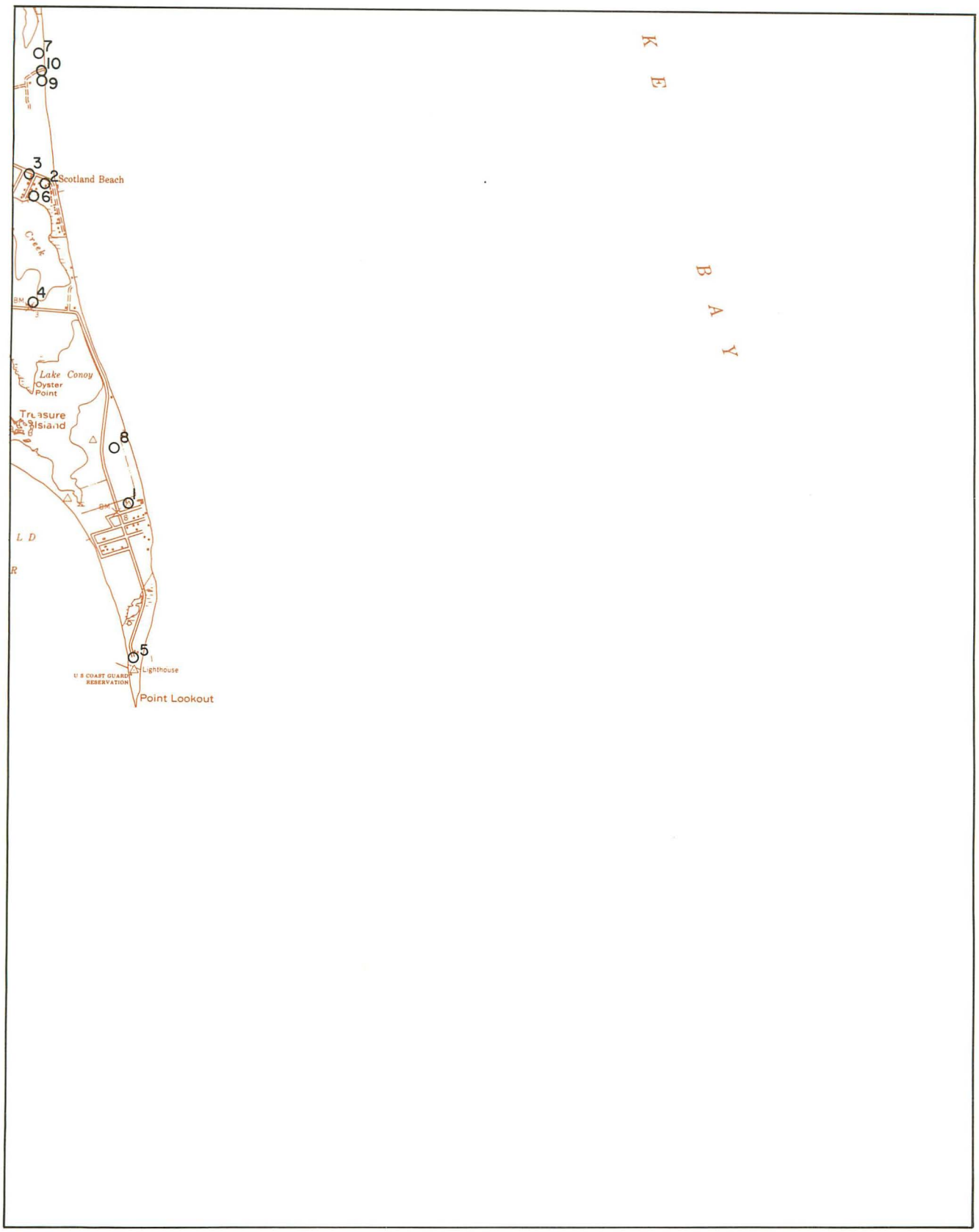

SM GH

1 ½ 0 1 MILE

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1 .5 0 1 KILOMETER

N

MARYLAND GEOLOGICAL SURVEY
711 W. 40th St., Suite 440
Baltimore, Maryland 21211

Basic Data Reports:

1. Records of wells and springs in Baltimore County, Maryland, by C.P. Laughlin, 1966, 406 p. $3.50*

2. Records of wells and springs, chemical analyses, and selected well logs in Charles County, Maryland, by T.H. Slaughter and C.P. Laughlin, 1966, 93 p. $4.00

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, atlas sheets $5.25

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

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

7. Harford County ground-water information: well records, pumpage, and chemical quality data, compiled by L.J. Nutter and M.J. Smigaj, 1975, 89 p. $3.75

8. Anne Arundel County ground-water information: selected well records, chemical quality data, pumpage, appropriation data, and selected well logs, compiled by R.C. Lucas, 1976, 149 p. $5.00

9. Interstitial water chemistry of Chesapeake Bay sediments, by O.P. Bricker, G. Matisoff, and G.R. Holdren, Jr., 1977, 67 p. $2.50

10. Maryland ground-water information: chemical quality data, compiled by R.S. Woll, 1978, 126 p. $9.50

11. Garrett County water well records, chemical quality data, ground-water use, coal test-hole data, and surface-water data, compiled by L.J. Nutter, M.J. Smigaj, and L.L. Knobel; with a section on gas-well records, compiled by K.A. Schwarz and J. Edwards, Jr., 1980, 102 p. $7.00

12. Carroll County ground-water information: well records, spring records, and chemical quality data, compiled by J.T. Hilleary and J.W. Weigle, 1981, 252 p. $9.50

13. Prince George's County ground-water information: well records, chemical quality data, pumpage, appropriation data, observation well records, and well logs, compiled by M. Tompkins, 1983, 160 p. $8.50

14. Records of selected wells, Calvert and St. Mary's Counties, Maryland, compiled by D.D. Drummond, 1983, 117 p. $12.25

*Available on microfiche only.