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

BASIC DATA REPORT NO. 11

GARRETT COUNTY WATER-WELL RECORDS, CHEMICAL-QUALITY DATA GROUND-WATER USE, COAL TEST-HOLE DATA AND SURFACE-WATER DATA

Compiled by
LARRY J. NUTTER
MICHAEL J. SMIGAJ LeROY L. KNOBEL
U.S. Geological Survey

With A Section On Gas-Well Records

Compiled by
KENNETH A. SCHWARZ and JONATHAN EDWARDS, JR.

Prepared in cooperation with the
Geological Survey
United States Department of the Interior
and
Garrett County Planning Commisssion

1980

CONVERSION OF MEASUREMENT UNITS

The following factors may be used by those readers who wish to convert the Inch-pound units published in this report to metric (SI) units.

Inch-pound unit	*Multiply by*	*Metric unit*
	Length	
inch (in.)	25.4	millimeter (mm)
foot (ft)	.305	meter (m)
mile (mi)	1.609	kilometer (km)
	Area	
square mile (mi^2)	2.590	square kilometer (km^2)
	Volume	
gallon (gal)	3.785	liter (L)
million gallons (Mgal)	3785	cubic meters (m^3)
	Flow	
gallon per minute (gal/min)	0.0631	liter per second (L/s)
gallon per day (gal/d)	0.438	cubic meter per second (m^3/s)
million gallons per day (Mgal/d)	3785	cubic meters per day (m^3/d)

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GARRETT COUNTY
WATER-WELL RECORDS, CHEMICAL-QUALITY DATA, GROUND-WATER USE, COAL TEST-HOLE DATA, AND SURFACE-WATER DATA

Compiled by
Larry J. Nutter, Michael J. Smigaj, and LeRoy L. Knobel

ABSTRACT

The report is a compilation of selected water-well records, selected spring records, gas-well records, chemical-quality data, water-use data, coal test-hole records, and surface-water data for Garrett County, Maryland. The report contains records of about 1,100 water wells, 120 springs, 210 gas wells, 70 coal test holes, 56 chemical analyses of ground water, surface-water data from 8 continuous-record sites, and miscellaneous measurements from 11 sites.

INTRODUCTION

This report is a compilation of previously published ground-water data (Overbeck, 1954; Slaughter, 1962) and ground-water data collected during 1977, 1978, and 1979. In addition, this report contains a compilation of data from gas wells and selected coal test holes. The report also contains data on ground-water quality, ground-water use, and stream-flow for Garrett County.

GEOGRAPHIC SETTING

Garrett County is the westernmost county in Maryland (fig. 1) and is entirely within the Appalachian Plateau province. The county has an area of 659 mi^2 and, in 1975, had a population of 21,947. The population is fairly evenly distributed in rural areas and in small towns. The largest town is Oakland, the County seat, with a population of 1,842 in 1975. Garrett County holds several records among Maryland counties: It is the youngest (founded in 1872), has the lowest population per square mile, the lowest average annual temperature, the highest average annual precipitation, and the highest average altitude.

Garrett County is a broadly rolling upland with deeply incised stream valleys. The principal ridges and most major streams trend northeast-southwest. Several poorly drained marshy areas known locally as "glades" occur in the headwater areas of several streams. These marshy areas contain peat deposits and a unique vegetation characteristic of areas much farther north.

The economy of the county is based principally on agriculture, coal mining, forest products, and tourism. Ground water is very important to the economy. Most of the population is supplied by water from individual wells, and a few towns have central ground-water supplies.

ACKNOWLEDGMENTS

The authors gratefully acknowledge the assistance by personnel in the Maryland State Water Resources Administration, the Garrett County Health Department, the Garrett County Planning Commission, and the Maryland Bureau of Mines, in supplying much of the data in this report. Thanks are also given to the many property owners who supplied information and permitted water samples to be collected. Kenneth R. Taylor of the U.S. Geological Survey supplied the surface-water records.

WELL-LOCATION SYSTEMS

Water wells in Maryland are identified and can be located on the basis of a numbering system adopted by the Maryland Geological Survey. The first two letters of the identification number are the county prefix (GA for Garrett). The second part of the well number consists of two letters which designate one of the 5-minute quadrangles into which the county has been divided; the first letter designates a 5-minute segment of latitude and the second letter designates a 5-minute segment of longitude (pl. 1). Wells are numbered sequentially within each 5-minute quadrangle.

Thus, GA-CB 79 is the 79th well inventoried within the CB quadrangle in Garrett County. The well-numbering system differs slightly from that used in most reports previously published by the Maryland Geological Survey. For example, GA-CB 79 would have been designated Gar-Cb 79 in Overbeck (1954). The slight change in the county prefix was made in order to insure consistency with the prefix adopted by the Maryland Water Resources Administration, and lowercase letters were changed to uppercase letters in conformance with the computer output capability.

Gas wells are designated on plate 2 and in table 7 by the numbering system used by Edwards (1970). Wells drilled before 1970 (nos. 77-264) were included in the catalog "Deep Wells of Maryland" (Edwards, 1970).

Previously published core-hole and test-hole data in the coal basins are designated by the numbering system used by Amsden (1954). Test-hole data collected after 1954 are designated in water-well numbering format.

GEOLOGIC SETTING

Garrett County is in the Appalachian Plateau physiographic province. Consolidated sedimentary rocks of Devonian, Mississippian, and Pennsylvanian age are folded into broad anticlines and synclines that trend northeast-southwest (fig. 2). The anticlinal structures are underlain by Devonian rocks and contain three gas fields (Accident, Mountain Lake Park, and Negro Mountain). The synclinal structures form the coal basins and are underlain by Pennsylvanian rocks. The Garrett County geologic map (Amsden, 1953) shows the distribution of the geologic units in the County.

Deposits of Quarternary age consist of alluvium, colluvium, slide rock, peat, and some sand and gravel.

The rocks of Pennsylvanian age consist of thin units of a repeating and variable sequence of sandstone, siltstone, and shale with subordinate amounts of coal, clay, and argillaceous limestone. The Pottsville and lower Allegheny Formations (table 1) contain a somewhat higher percentage of sandy beds than the other Pennsylvanian units (Arkle and others, 1979).

The rocks of Mississippian age consist of red and green shale, thin-bedded sandstone, calcareous shale, argillaceous limestone, and massive conglomeratic sandstone (Arkle and others, 1979).

The rocks of Devonian age consist of sandy shale, shale, siltstone, and thin-bedded sandstone. The Devonian rocks in general have a lower percentage of sandy units than the Mississippian and Pennsylvanian rocks.

GROUND-WATER AVAILABILITY

The availability of ground water varies widely in different aquifers and different areas. Well yields are influenced by several factors including lithology, geologic structure, bed thick-

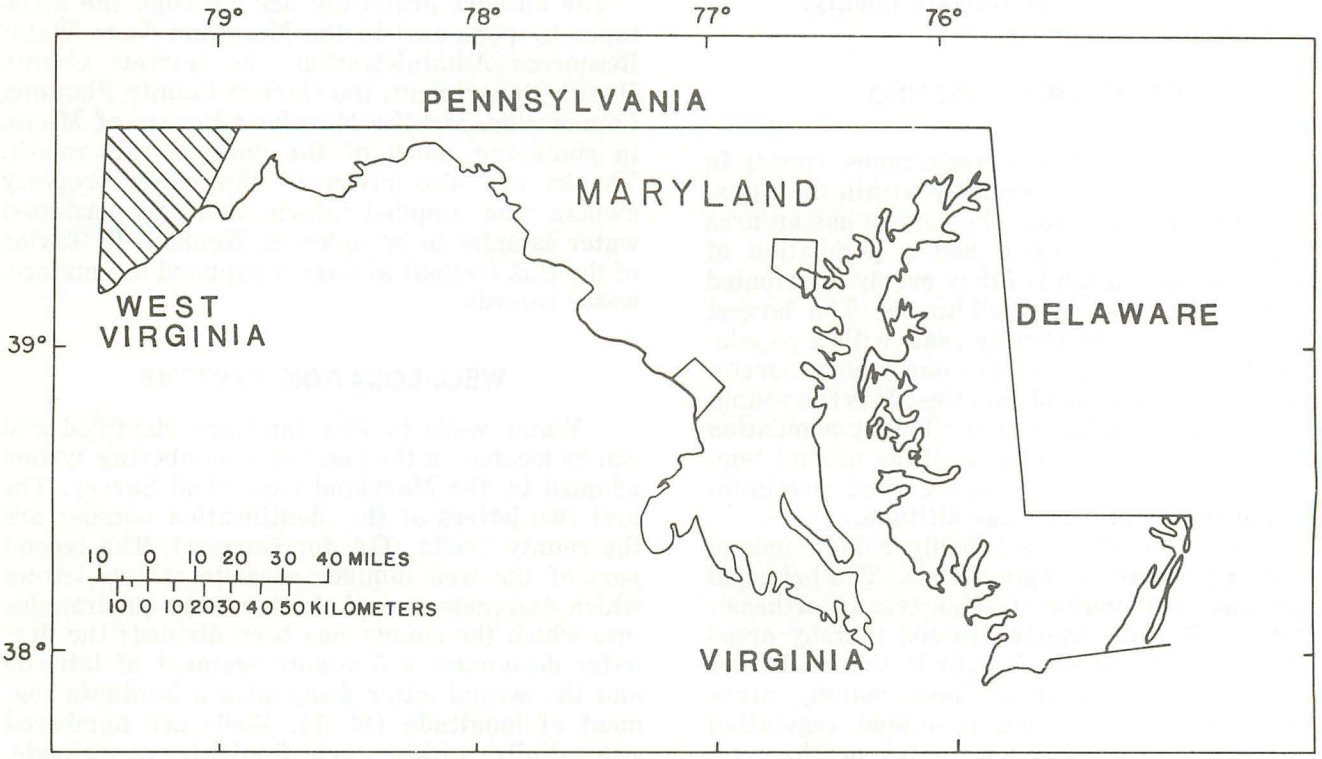

Figure 1.—Location of Garrett County

Table 1.—Geologic formations and their water-bearing properties.

System	Formation	Thickness (feet)	Lithology	Water-bearing properties
Quaternary	Deposits of Holocene and Pleistocene age	0-70	Alluvium, peat deposits, slide rock, sand and gravel	Not important aquifers owing to small areal extent and thickness.
Pennsylvanian	Monongahela	240-270	Shale, siltstone, sandy shale, sandstone, coal seams	Not an important aquifer because of small areal extent, and the formation is partly drained by mine shafts and drifts.
	Conemaugh	850-950	Sandstone, shale, siltstone, red beds, clay, shaley limestone, coal seams	Important aquifer in the coal basins. Well yields range from 1 to 200 gal/min; mean yield 13.3 gal/min and median yield 7 gal/min.
	Allegheny	275-325	Sandstone, sandy shale, siltstone, clay beds, coal seams	Important aquifer in the coal basins. Formation is not mapped separately in Garrett County.
	Pottsville	180-250	Sandstone (conglomeratic in lower part), siltstone, shale, claystone, a few thin discontinuous coal seams	Moderately important aquifer along the flanks of coal basins. Relatively few wells derive water from this formation, but it has potential for yielding moderately large quantities. Well-yield data combined with Allegheny. Well yields range from 0.5 to 150 gal/min; mean yield 13.1 gal/min and median yield 7 gal/min.
Mississippian	Mauch Chunk	500-700	Red and green sandy shale, platy sandstone beds	Moderately important aquifer along the flanks of Deer Park and Accident anticlines. Well yields range from 3 to 51 gal/min; mean yield 11.8 gal/min and median yield 10 gal/min.
	Greenbrier	200-300	Red and green shale, lenticular limestone, limy sandstone	Moderately important aquifer along flanks of anticlinal structures. Well yields range from 1 to 300 gal/min; mean yield 32.6 gal/min and median yield 14 gal/min. Numerous springs used for water supplies.
	Pocono	700-1,300	Coarse-grained sandstone (locally conglomeratic), shale, sandy shale	Important aquifer in Deer Park and Accident anticlines. Many wells and springs in Pocono including several fairly high-yielding wells. Yields range from 0.8 to 130 gal/min; mean yield 13.1 gal/min and median yield 7.5 gal/min.
Devonian	Hampshire	1,400-2,000	Brown and green sandy shale, shale, thin-bedded sandstone, red beds	Important aquifer in the Deer Park and Accident anticlines. Well yields range from 1 to 60 gal/min; mean yield 12.0 gal/min and median yield 8 gal/min.
	Jennings	4,000-5,000	Gray and green shale and sandy shale, sandy siltstone, thin-bedded sandstone	Important aquifer in Deer Park anticline area. Well yields range from 0.2 to 50 gal/min; mean yield 8.7 gal/min and median yield 7 gal/min.

ness, and depth. For the most part, water occurs in joints, faults, and bedding-plane partings, but, in some sandstone beds, may occur in intergranular pore space.

Descriptions of the geologic formations commonly used as aquifers and their generalized water-bearing properties are listed in table 1 (adapted from Overbeck, 1954; Waagé, 1950). Unit names are those used by the Maryland Geological Survey and do not necessarily conform to the usage of the U.S. Geological Survey. Table 2 lists the mean and median well yields and specific capacities by aquifer based on data from table 5.

GROUND-WATER QUALITY

Ground water in Garrett County is mostly of good chemical quality, although about half of the analyses studied had iron and manganese concentrations exceeding the recommended State and Federal limits. In many places, principally in areas underlain by coal-bearing rocks, these iron and manganese concentrations are associated with low pH values. Ground water is mostly a soft to moderately hard calcium magnesium bicarbonate type with low dissolved solids and is generally either neutral or somewhat acid. In a few places ground water contains fairly high concentrations of sulfate and nitrate.

Approximately 52 ground-water samples were collected for chemical analysis during the study, and 4 analyses were available from previous studies. These analyses are presented in table 3. All analyses were made by the U.S. Geological Survey; the pH, temperature, and specific conductance measurements were made in the field.

The concentration of most dissolved constituents is expressed in milligrams per liter (mg/L), which represents the weight of solute per unit volume of water. Iron and manganese are reported as micrograms per liter (μg/L). One milligram per liter is equivalent to 1,000 micrograms per liter.

The geologic units (aquifers) listed in tables 3, 5, and 6 are designated by special codes. These codes are listed below along with the appropriate geologic unit, in the order youngest to oldest, in geologic time.

Geologic time code	*Aquifer abbreviation*	*Aquifer*
321	MNGL	Monongahela Formation
321	CNMG	Conemaugh Formation
324	ALGN	Allegheny Formation
324	PSVL	Pottsville Formation
324	PVAG	Pottsville-Allegheny Fm.
331	MCCK	Mauch Chunk Formation
331	GRBR	Greenbrier Formation
337	POCN	Pocono Formation
341	HMPR	Hampshire Formation
341	JNGS	Jennings Formation

The aquifer codes assigned to individual wells are equivalent to the formation which outcrops at the well location.

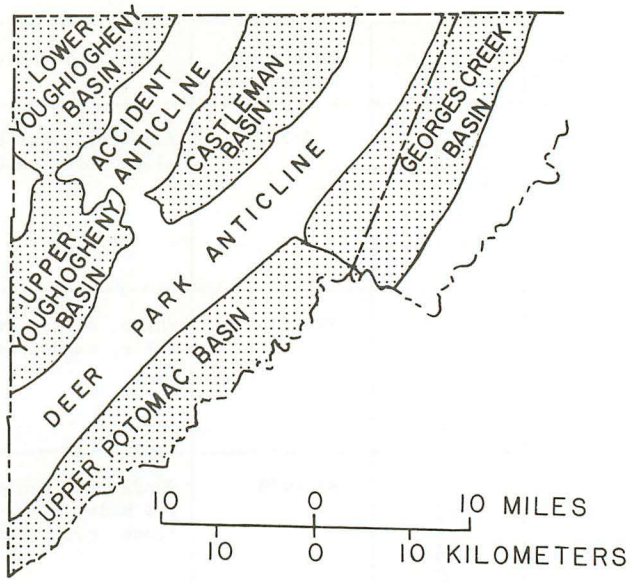

Figure 2.—Major structural features in Garrett County (modified after Overbeck, 1954).

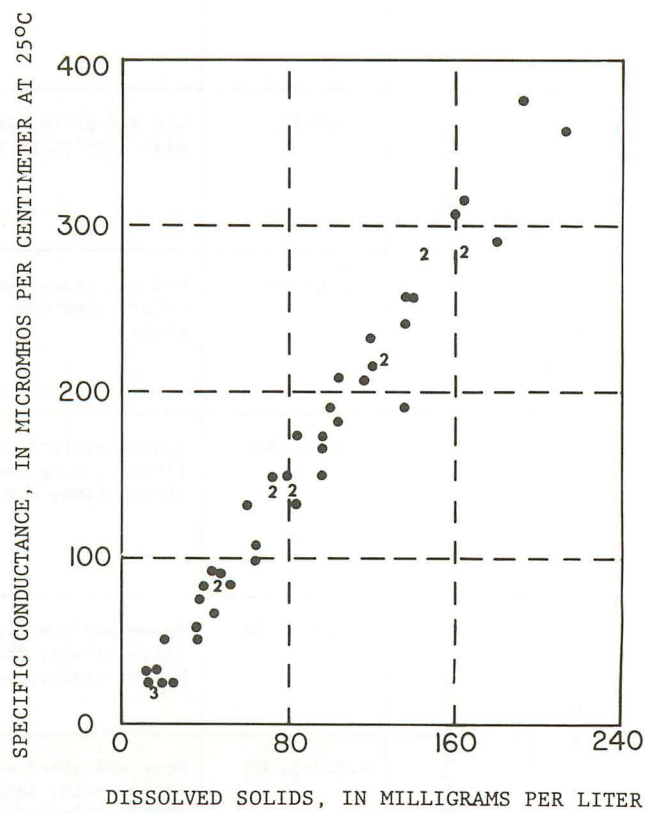

Figure 3.—Relationship between specific conductance and dissolved-solids concentration in ground water in Garrett County.

Specific conductance measures the ability of water to conduct an electric current and is expressed in micromhos per centimeter at 25°C. It can be used to approximate the dissolved solids content of water because specific conductance is related to the specific chemical types and numbers of ions in the solution. Figure 3 shows the general relation between dissolved solids concentration and specific conductance. An approximation of the dissolved solids in a water sample can be made by measuring specific conductance and reading the appropriate dissolved solids concentration from the graph.

The pH of a water sample is the negative logarithm of the hydrogen ion concentration, in moles per liter of water. The pH is a measure of the extent to which the water sample is acidic or alkaline: A pH of 7 indicates a neutral condition; less than 7, acidic; and greater than 7, alkaline. Because pH values are logarithmic, a water sample having a pH of 6 has 10 times the concentration of hydrogen ions as a sample having a pH of 7. Water having a low pH may dissolve copper, iron, or zinc from well casings, pumps, and plumbing fixtures.

Several chemical constituents, if present in excess of certain concentrations, affect the use of water and are factors in the cost of water where substantial treatment is required. The reader is referred to Woll (1978, p. 6-8) for discussion of specific chemical constituents and their effect on water use.

GROUND-WATER USE

Ground-water use in Garrett County in 1977 was about 327 Mgal, or 0.9 Mgal/d, based on pumpage records, estimated pumpage data from large users, and population data for those users having individual wells. In areas supplied by individual wells, the population served was multiplied by 50 gal/d per person to obtain the estimated pumpage.

Users of ground water for commercial, industrial, and public-supply purposes are required to obtain a ground-water appropriation permit (GAP) from the Maryland Water Resources Administration, Department of Natural Resources. Coal-mine dewatering is also considered ground-water use, and coal-mine operators are required to obtain a GAP in order to pump water out of the mines. Domestic and farm users are presently exempted from this requirement.

Table 4 lists ground-water appropriators in Garrett County using more than an average of 1,500 gal/d in 1977. Most of the pumpage figures listed in table 4 are estimates based on pump capacity and the approximate number of hours the pump is operated; only a few users in Garrett County actually meter their pumpage. In some cases, the use is highly seasonal; in those cases, the average daily use value listed is for the period water is actually used.

Figure 4 shows the relative quantities of ground water pumped in 1977 by public-supply, industrial, institutional, commercial, and domestic

Table 2.—Statistical data on well yields and specific capacities.

Aquifer	Mean yield (gal/min)	Median yield (gal/min)	Sample size	Mean specific capacity (gal/min/ft)	Median specific capacity (gal/min/ft)	Sample size
Conemaugh	13.3	7	273	0.65	0.20	168
Pottsville-Allegheny	13.1	7	127	.41	.155	80
Mauch Chunk	11.8	10	41	.25	.18	27
Greenbrier	32.6	14	48	3.10	.40	31
Pocono	13.1	7.5	132	.82	.135	94
Hampshire	12	8	165	.32	.13	132
Jennings	8.7	7	186	.41	.13	149

Table 4.—Major ground-water appropriators.

5-minute quad	Name of appropriator	Estimated average daily use 5/ (gal/d)	Aquifer	1977 Water use (gal)	Well number	GAP number	Remarks
AD	Town of Grantsville	30,000	Pottsville-Allegheny	10,950,000 1/	GA-AD 3 GA-AD 13 GA-AD 1 GA-AD 22	-	Spring. Spring. Standby well. Well.
AE	Yoder Locker Plant	11,000	Conemaugh	3,908,176 2/	GA-AE 11 GA-AE 85	GA47GAP002	Animal slaughter and processing.
AE	Goodwill Mennonite Home	6,000	do	2,085,360 2/	GA-AE 31 GA-AE 84	GA58GAP001	Nursing home.
AE	Grantsville Washing Corp.	1,800	do	660,000 1/	GA-AE 79	GA74GAP025	Car wash.
AE	Donald Prichard	2,000	Pottsville-Allegheny	650,000 1/	GA-AE 81	GA75GAP008	Motel.
AF	Roy Knepp	1,700	Jennings	600,000 1/	GA-AF 46 GA-AF 47	GA65GAP010	Trailer park.
BC	Town of Accident	18,600	Hampshire	6,800,000 1/	GA-BC 46 GA-BC 47	GA75GAP007	
BD	Harbison-Walker Refractories	13,000	Conemaugh	4,582,740 3/	GA-BD 52	GA52GAP001	Refractory clay processing plant.
BF	Lonaconing Boys Forestry Camp	3,000	Allegheny	1,100,000 1/	GA-BF 20 GA-BF 21 GA-BF 22	GA68GAP010	Boys detention camp.
BF	B and B Stone Co.	4,000	Greenbrier, Pocono	1,275,000 1/	GA-BF 23 GA-BF 24	GA70GAP002	Camping area.
CA	Piney Mountain Corp.	1,600	Pottsville-Allegheny	300,000 1/	GA-CA 46 GA-CA 50	GA67GAP016	Camping area.
CB	Delwanda Motel	2,800	Mauch Chunk	1,000,000 1/	GA-CB 71	GA61GAP001	Mobile Home Park.
CB	Garrett Community College	3,000	Pocono	1,100,000 1/	GA-CB 70	GA70GAP009	Campus buildings.
CB	Ray Ferguson	2,600	do	950,000 1/	GA-CB 72	GA77GAP006	Mobile Home Park.
CB	The Village Inn and Ski Lodge	4,000	do	1,460,000 1/	GA-CB 74 GA-CB 75	GA76GAP012	Motel and Ski Lodge.
CC	Will-o-the-Wisp	6,100	Greenbrier, Pocono	2,230,000 1/	GA-CC 61 GA-CC 63	GA64GAP001	Condominium and restaurant.
CC	Harland Beckman	1,800	Pocono	650,000 1/	GA-CC 55 GA-CC 57	GA67GAP014	Camping area.
CC	Alpine Village	2,400	do	875,000 1/	GA-CC 51 GA-CC 53	GA69GAP001	Motel (2 separate sites).
CC	Deep Creek Lake Park	4,000	Greenbrier	1,200,000 1/	GA-CC 35	GA73GAP002	Camping area.
CC	Lakeside Development	2,000	Pocono	700,000 1/	GA-CC 38	GA74GAP007	Restaurant.
CF	Town of Barton	40,000	Conemaugh	15,000,000 1/	GA-CF 6 GA-CF 10 GA-CF 11 GA-CF 13	-	
DA	Swallow Falls State Park	5,000	Pottsville-Allegheny	1,703,000 2/	GA-DA 10 GA-DA 17	GA67GAP001	Camping area.
DA	Herrington Manor State Park	8,000	Conemaugh	2,800,000 1/	GA-DA 5 GA-DA 29	GA77GAP013	Camping area.
DB	Dale Harvey	2,000	Pocono	700,000 1/	GA-DB 85	GA70GAP010	Small car wash, store and restaurant.
DC	Four Hooppole South	5,000	Hampshire	1,800,000 1/	GA-DC 137	GA71GAP001	Condominium.
DD	Backbone Mtn. Boys Forestry Camp	2,500	Pottsville-Allegheny	770,000 1/	GA-DD 29 GA-DD 30	GA77GAP003	Boys detention camp.
EA	Town of Crellin	11,000	Allegheny	4,000,000 1/	GA-EA 12 GA-EA 61 GA-EA 62	-	Spring. Spring. Standby well.
EA	Sterling Processing	200,000	Greenbrier	71,901,074 3/	GA-EA 24 GA-EA 25 GA-EA 26	GA56GAP001	Chicken processing plant.
EB	Wood Products, Inc.	1,700	Jennings	450,000 1/	GA-EB 65	GA61GAP003	
EB	Mountain Lake Water Co.	150,000 4/	Pocono	36,500,000 1/	GA-EB 33 GA-EB 34 GA-EB 35 GA-EB 46 GA-EB 47	-	Spring. Spring. Spring. Standby well. Standby well. Mtn. Lake Park and Lock Lynn. Quantity includes about 50,000 gal/d that is leakage in the water system.
EB	Garrett Co. Memorial Hospital	4,000	Hampshire	1,940,000 1/	GA-EB 2	-	Hospital. Used in conjunction with Oakland town water supply.

1/ Estimated.
2/ Elapsed-time meter.
3/ Flow meter.
4/ See remarks.
5/ In some cases use is highly seasonal.

and farm users. Pumpage due to mine dewatering was insignificant in 1977, but is expected to increase substantially in the next few years if large-scale coal-mining operations in southern Garrett County expand as expected.

The towns of Friendsville and Oakland formerly were supplied with ground water, but have subsequently changed to surface-water supplies. Frostburg and Barton, located along Georges Creek in Allegany County, Md., obtain part of their water supply from wells and springs in Garrett County.

DATA

Selected Water-Well Records

The well records in table 5 are listed sequentially in the order in which they were inventoried within each 5-minute quadrangle. The well data included were derived primarily from drillers' completion reports filed with the Maryland Water Resources Administration and were supplemented with data collected during the field inspection of the well sites. The well permits and completion reports were screened prior to inventory in order to select representative wells and to obtain even areal distribution. Special attention was given to obtaining information on all major industrial, municipal, institutional, and commercial wells. The wells inventoried were plotted on 7½-minute quadrangle maps with a scale of 1:24,000, and the well locations were transferred to a county map with a scale of 1:62,500 (pl. 1). The Maryland Water Resources Administration has more than 2,000 permits and completion reports on file for water wells in Garrett County; about 1,100 of these are listed in table 5.

Selected Spring Records

The locations of springs inventoried during this study and those inventoried in previous studies are shown in plate 1. Spring records are listed in table 6.

Many households and a few communities use springs for their water supplies. Grantsville, Mountain Lake Park, and Frostburg are among the communities using springs for part of their water supply.

Gas-Well Records

Exploratory drilling for oil and natural gas in Maryland began in the early 1900's, but gas was not discovered until 1944 (Edwards, 1970, p. 4). The Mountain Lake Park and Accident fields were developed during the 1950's, and the Negro Mountain field was developed after 1965. The quantity of natural gas produced in each field through 1978 is as follows: 15,257,791,000 ft^3 from 56 wells in the Mountain Lake Park field; 30,042,911,000 ft^3 from 19 wells in the Accident field; and 3,519,551,000 ft^3 from 3 wells in the Negro Mountain field. As of January 1979, only 12 wells still produced natural gas; 10 are in the Mountain Lake Park field, and one each in the other two fields. The Accident field was converted to a gas-storage facility in 1966, and a number of additional wells were drilled for injection purposes.

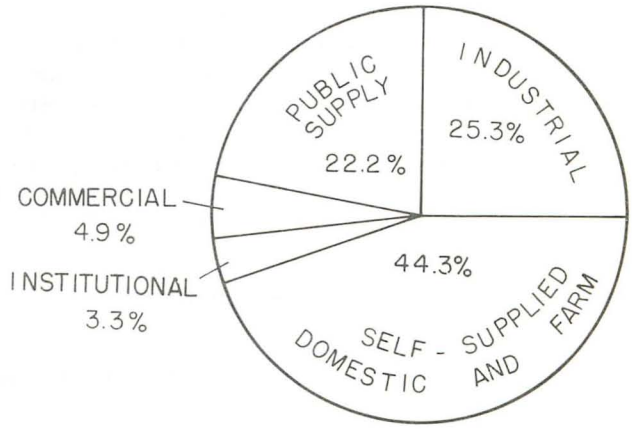

Figure 4.—Ground-water use in Garrett County by type of user. Based on daily use of 0.9 Mgal.

Permits to drill gas wells were issued by the Department of Geology, Mines and Water Resources[1] under water-well permit numbers until 1954 when separate regulations were instituted governing the drilling of oil and gas wells. Since then, more than 100 permits have been issued for gas wells including gas-storage wells. Since 1975, the Maryland Bureau of Mines in Frostburg, Md., has issued these permits.

Nearly all gas wells in Garrett County produce from the Devonian Huntersville Chert and/or Oriskany Sandstone at depths ranging from about 2,900 ft to 8,500 ft. Plate 2 shows several geophysical logs and tops of lithologic units deeper than 6,200 ft for the Texas Eastern Transmission Corporation No. 2 Bowman-Seibert well (No. 356). As of 1980, this was the deepest well drilled in Maryland with the deepest stratigraphic penetration (Ordovician) in western Maryland. Unit names in table 7 and on plate 2 are those used by the drilling industry and do not conform to the usage of the U.S. Geological Survey.

Table 7 contains records of gas wells drilled in Garrett County. Records through 1970 are from Edwards (1970); records of those wells drilled after 1970 were compiled by Kenneth Schwarz of the Maryland Geological Survey. Edwards and Schwarz obtained gas-well records from the well completion reports filed by the operators with the Maryland Geological Survey. The designated well name for each gas well consists of the name of the

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

company or operator, a sequential lease number, and the name of the landowner from which the mineral rights have been leased.

The elevation reported in table 7 refers to the elevation of the land surface above mean sea level at the well site as given on the well completion report or as determined from the topographic map. However, the elevation followed by KB, RT, RB, or DF means the elevation of the Kelly bushing, the rotary table, rotary bushing, or the derrick floor, respectively.

Coal Test-Hole Records

Coal has been mined in Maryland since about 1800. Coal production increased slowly during the 1840's and 1850's, but fairly rapidly after the Civil War, reaching peak production in 1907. Production generally declined after that until about 1960 and has increased since that date (Weaver, Coffroth, and Edwards, 1976).

Systematic exploratory drilling for coal began during the 1920's. The West Virginia Geological Survey drilled several test holes in Maryland as part of a coal study in adjacent counties of that State (Reger and Tucker, 1924). The U.S. Bureau of Mines conducted extensive drilling of core holes in the late 1940's and early 1950's (Toenges and others, 1949; Toenges and others, 1952). Amsden (1954, p. 101-107) summarized available core-hole and test-hole data. The previously published coal test-hole data are summarized in table 8, with the

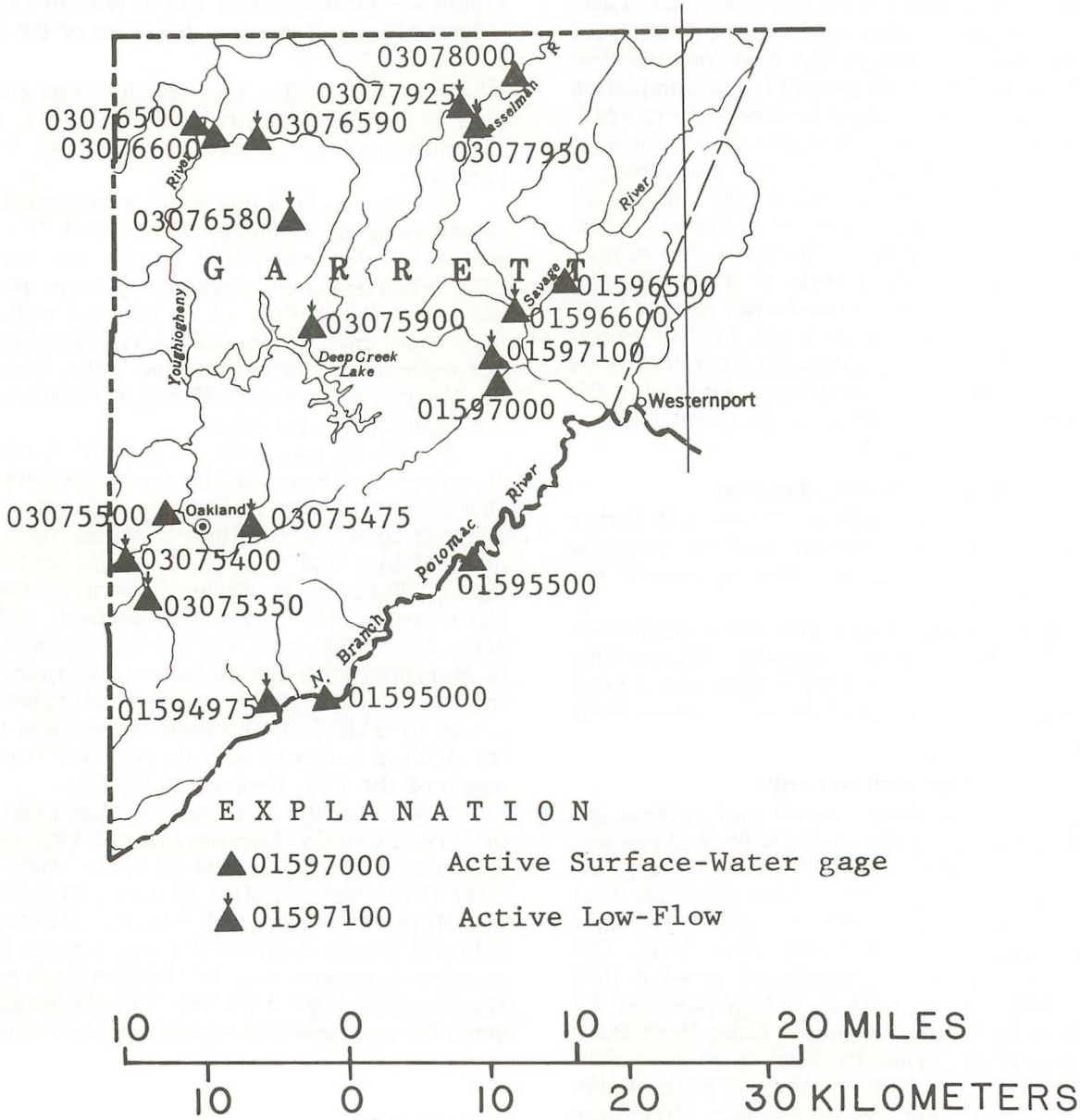

Figure 5.—Location of stream-gaging stations and low-flow sites in Garrett County.

records of a few selected heretofore unpublished test holes.

Surface-Water Records

The U.S. Geological Survey, in cooperation with the Maryland Geological Survey, has collected continuous records of streamflow at selected points on the major streams in Garrett County for many years. Average daily flows and selected instantaneous peak flows are published in an annual data report, "Water Resources Data for Maryland and Delaware, Water Year 19___."

Table 9 gives the results of standard statistical analyses of the daily- and peak-flow data collected during the period of operation of each streamflow measuring station. The data are presented in the format used by Walker (1971), but have been updated to reflect an additional 11 years of data. The user should refer to Walker for the definition of terms and appropriate uses of the data.

In addition to operating the continuous-record stations, periodic discharge measurements have been made at low-flow locations on some of the minor streams in Garrett County. The location of these sites are shown on figure 5, and the date, time, and measured discharge are shown in table 10.

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

Tables 3, 5, 6, 7, 8, 9, 10

Table 3.—Chemical analyses of ground water.

LOCAL NUMBER	GEO-LOGIC UNIT	DATE OF SAMPLE	SILICA, DIS-SOLVED (MG/L AS SIO2)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	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)	BICAR-BONATE (MG/L AS HCO3)
GA AB 10	321CNMG	78-06-01	6.9	100	10	66	7.4	.9	1.0	190
GA AC 23	337POCN	78-06-01	15	770	180	22	9.8	3.8	1.1	85
GA AD 1	324PVAG	51-03-06	5.4	800	340	6.0	2.3	.8	.8	27
GA AD 16	321CNMG	78-06-02	7.4	250	220	43	7.9	3.1	1.3	150
GA AE 8	321CNMG	51-03-07	6.6	270	40	30	8.2	3.4	1.1	87
GA AE 38	321CNMG	78-06-02	8.5	130	50	27	5.1	.5	.6	100
GA AF 18	337POCN	78-06-02	16	1900	300	22	3.4	3.0	.7	77
GA AF 42	341JNGS	78-05-18	20	4300	760	17	10	6.2	1.4	120
GA AG 30	341JNGS	78-06-01	15	750	140	6.6	6.3	2.5	1.2	49
GA AG 39	331GRBR	78-06-01	7.1	1500	240	23	4.5	5.1	1.8	94
GA BA 6	321CNMG	78-08-02	5.1	80	20	.7	.4	.3	.5	4
GA BB 21	321CNMG	78-06-01	6.4	1700	100	33	9.6	.6	2.1	140
GA BC 33	341HMPR	78-06-01	8.9	150	130	20	5.2	22	1.5	100
GA BC 36	321CNMG	78-08-03	9.2	410	40	43	6.2	.5	1.0	150
GA BD 19	321CNMG	78-08-02	28	270	10	.1	.1	41	1.8	110
GA BD 36	321CNMG	78-07-12	8.1	90	20	32	7.5	1.2	1.1	120
GA BE 13	331GRBR	78-08-01	7.7	40	10	22	5.2	2.6	.8	92
GA BF 11	341JNGS	78-05-18	13	80	20	29	10	12	.6	150
GA BF 12	341JNGS	78-05-18	13	70	60	17	5.0	13	.7	100
GA BF 24	337POCN	78-08-01	6.2	410	40	8.4	2.7	.6	.9	23
GA CA 50	324PVAG	78-07-26	4.0	60	300	3.3	.9	1.9	.9	6
GA CA 53	324PVAG	78-07-26	5.4	80	40	1.1	.5	.4	.5	3
GA CB 40	337POCN	78-08-03	7.0	130	80	13	1.4	1.0	.9	34
GA CB 59	331GRBR	78-08-02	6.2	50	20	49	2.7	.9	.8	140
GA CC 2	331GRBR	51-03-06	5.9	310	60	9.6	.7	1.6	.7	19
GA CC 46	331MCCK	78-07-13	11	1300	70	10	3.9	3.0	1.0	62
GA CC 51	337POCN	78-06-22	17	1700	150	22	7.0	7.0	1.5	92
GA CC 55	337POCN	78-08-01	12	30	10	8.5	6.1	3.4	1.1	34
GA CC 58	331MCCK	78-10-18	8.4	30	0	18	3.6	2.7	1.1	68
GA CD 28	324PSVL	78-10-19	7.2	1200	240	8.5	3.1	2.4	1.2	42
GA CF 8	321CNMG	78-08-01	6.1	80	0	1.0	.2	160	.3	290
GA DB 2	341JNGS	46-12-19	17	2500	--	13	4.8	9.9	1.0	69
GA DB 73	321CNMG	78-08-03	5.0	420	80	1.5	1.3	.3	.5	0
GA DC 73	341HMPR	78-05-18	9.0	310	10	8.8	4.7	12	1.2	15
GA DC 136	341JNGS	78-06-23	15	3100	240	7.7	8.8	4.6	2.1	59
GA DD 18	341HMPR	78-07-20	7.1	380	30	4.5	2.0	1.3	1.2	13
GA DD 27	324PVAG	78-07-27	8.7	140	10	.2	.1	65	.2	75
GA DE 24	321CNMG	78-06-14	7.9	2900	260	14	5.8	1.3	.9	62
GA DE 25	337POCN	78-07-20	9.6	40	0	8.7	3.5	40	2.0	84
GA DF 1	321CNMG	78-06-14	5.9	51000	1200	290	74	11	3.8	13
GA EA 42	337POCN	78-07-13	16	640	150	14	4.7	3.5	1.2	68
GA EA 50	337POCN	78-07-20	14	460	90	14	5.7	18	1.9	110
GA EA 59	331GRBR	78-07-13	6.4	60	80	5.0	1.8	5.4	1.2	13
GA EB 59	341HMPR	78-07-20	8.4	50	10	7.9	2.2	2.0	1.5	23
GA EC 15	321CNMG	78-07-27	6.6	300	60	48	8.8	.6	2.3	170
GA ED 5	321CNMG	78-07-27	.1	120	50	59	10	.5	2.1	200
GA FA 20	321CNMG	78-08-03	4.6	80	10	3.3	.8	.3	.5	10
GA FA 23	341JNGS	78-07-13	23	1000	290	11	5.5	5.1	.9	65

SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	PHOS-PHORUS, TOTAL (MG/L AS P)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	HARD-NESS (MG/L AS CACO3)	HARD-NESS, NONCAR-BONATE (MG/L CACO3)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEMPER-ATURE (DEG C)	LOCAL NUMBER
33	3.4	.1	.010	212	200	39	355	7.4	14.0	GA AB 10
25	1.8	.1	.010	121	95	26	220	7.7	21.0	GA AC 23
4.5	.6	.1	--	34	24	2	53	6.8	10.5	GA AD 1
12	7.8	.1	.000	160	140	17	310	7.8	13.0	GA AD 16
10	27	.1	--	134	110	37	258	6.7	10.5	GA AE 8
6.3	1.8	.2	.030	99	88	6	190	7.9	14.0	GA AE 38
9.3	.7	.1	.050	95	69	6	165	7.9	11.0	GA AF 18
4.6	.7	.2	.070	125	84	0	215	7.0	17.0	GA AF 42
5.9	1.0	.1	.000	64	42	2	110	6.6	15.0	GA AG 30
9.1	2.9	.2	.020	102	76	0	205	7.5	14.0	GA AG 39
.2	1.3	.0	.010	11	3	0	25	6.5	17.0	GA BA 6
9.9	1.0	.1	.000	134	120	7	245	7.3	17.0	GA BB 21
22	11	.1	.010	140	71	0	255	7.6	14.0	GA BC 33
8.9	1.9	.1	.010	145	130	10	280	7.0	14.0	GA BC 36
6.1	3.1	.1	.010	135	1	0	195	8.3	19.0	GA BD 19
8.1	1.9	.0	.000	119	110	12	235	7.2	12.0	GA BD 36
8.8	1.5	.1	.020	94	76	1	175	7.8	21.0	GA BE 13
19	1.0	.1	.000	159	110	0	285	7.8	17.0	GA BF 11
1.1	5.5	.1	.020	105	63	0	185	8.1	10.0	GA BF 12
8.1	.7	.1	.020	39	32	13	80	6.3	14.0	GA BF 24
18	5.0	.1	.000	37	12	7	75	5.1	19.0	GA CA 50
3.6	.3	.0	.000	13	5	2	35	4.6	11.0	GA CA 53
7.6	.4	.0	.000	48	38	10	90	6.4	19.0	GA CB 40
12	2.1	.0	.020	143	130	19	280	7.6	14.0	GA CB 59
9.9	1.4	.1	--	44	27	11	69	6.9	--	GA CC 2
4.2	.0	.0	.010	65	41	0	100	7.5	11.0	GA CC 46
15	.1	.1	.000	117	84	8	205	7.7	10.0	GA CC 51
5.3	6.7	.0	.000	60	46	18	135	6.7	10.5	GA CC 55
6.3	.5	.1	.010	74	60	4	140	--	9.0	GA CC 58
6.3	.5	.1	.020	51	34	0	80	--	9.0	GA CD 28
120	1.1	.2	.020	432	3	0	70	7.4	15.0	GA CF 8
16	.8	.1	--	97	52	0	147	7.4	9.5	GA DB 2
4.3	1.0	.0	.000	15	9	9	25	6.0	11.0	GA DB 73
12	27	.0	.010	82	41	29	175	6.1	9.0	GA DC 73
7.8	1.7	.3	.000	78	55	7	140	7.3	12.0	GA DC 136
10	2.6	.0	.000	35	19	9	60	5.9	20.0	GA DD 18
62	5.5	.2	.050	179	1	0	290	6.7	18.0	GA DD 27
9.5	.6	.1	.030	71	59	8	145	6.8	12.0	GA DE 24
50	3.5	.1	.020	159	36	0	280	7.4	14.0	GA DE 25
990	8.5	.0	.030	1450	1000	1000	1800	6.3	13.0	GA DF 1
6.0	.3	.1	.060	80	54	0	140	7.2	16.0	GA EA 42
15	.7	.1	.010	124	58	0	220	8.0	13.0	GA EA 50
6.7	8.7	.0	.000	42	20	9	90	5.5	14.0	GA EA 59
6.5	3.7	.0	.010	44	29	10	80	6.9	16.0	GA EB 59
11	1.6	.2	.000	163	160	17	315	7.8	12.5	GA EC 15
18	1.9	.2	.000	191	190	24	375	7.6	14.0	GA ED 5
1.5	.1	.0	.000	17	12	3	25	6.8	21.0	GA FA 20
4.3	.3	.1	.010	83	50	0	130	6.9	19.0	GA FA 23

Table 5.—Garrett County selected water-well records.

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA AA 1	--	HUMBLESON, FRISBY	--	1875	1980	28.00	48	--
GA AA 4	--	BUNER, WILLIAM	A BRENNEMAN	1941	1720	85.00	6	--
GA AA 6	--	THOMAS, EMERSON	A BRENNEMAN	1950	1920	--	--	--
GA AA 7	--	THOMAS, GEORGE W	A BRENNEMAN	1946	2030	55.00	6	--
GA AA 8	--	LAWSON, RUSSELL	--	1937	2030	55.00	6	--
GA AA 9	GA-73-0317	UMBEL, DALE	M TRESSLER	08/19/1973	2110	63.00	6	22
GA AA 10	GA-73-0002	FRIEND, CURTIS	G FORD	07/31/1972	1995	200.00	6	63
GA AB 1	GA-00-4894	FRIEND, ROSS	A BRENNEMAN	1949	1730	50.00	5	19
GA AB 2	--	HARVEY, FRANK	--	1905	1740	19.00	48	--
GA AB 4	--	KELLEY, S	--	1900	1530	8.00	--	--
GA AB 5	--	CEILER, JOHN	--	1949	1510	39.00	6	15
GA AB 9	GA-73-0248	SAVAGE, ERMAN	W LAMBERSON	09/24/1973	1895	208.00	6	20
GA AB 10	GA-73-0249	LEWIS, BRADLEY C	W LAMBERSON	09/22/1973	1905	128.00	6	21
GA AB 11	GA-73-0391	GARLOTTS, MERLE	W LAMBERSON	09/26/1973	1905	288.00	6	23
GA AB 12	GA-73-0338	STEVENS, LOUELLA E	W LAMBERSON	09/22/1973	1905	118.00	6	28
GA AB 13	GA-73-0039	HOUSE, JAMES R	J BRENNEMAN	08/29/1972	1730	63.00	6	20
GA AB 14	GA-73-0206	HOUSE, JAMES R	G CARPENTER	03/17/1973	1730	122.00	6.63	23
GA AB 15	GA-73-0316	UMBEL, DONALD	M TRESSLER	07/11/1973	1640	63.00	6	21
GA AB 16	GA-73-0315	UMBEL, RICHARD	M TRESSLER	07/02/1973	1540	103.00	6	23
GA AB 17	GA-73-0332	FRIEND, WILBUR	D DILLEY	09/11/1973	1505	138.00	5	21
GA AB 18	GA-73-0212	TITCHENELL, DARLENE	G CARPENTER	03/15/1973	1710	97.00	6.63	23
GA AB 19	GA-73-0574	FRANTZ, OWEN F	G CARPENTER	05/15/1974	1495	140.00	6	64
GA AB 20	GA-73-0174	SCHMIDT, JOHN	G FORD	01/05/1973	1585	139.00	6	53
GA AB 21	GA-73-0412	HOCKMAN, HARRY	G CARPENTER	10/20/1973	2335	97.00	6	22
GA AC 1	GA-00-3678	MEINEL, ROBERT G	A BRENNEMAN	04/ /1949	2990	120.00	6	25
GA AC 2	--	GLOVER, CLYDE	TRESSLER	1935	2480	160.00	6	--
GA AC 3	--	GLOVER, CLYDE	--	1900	2450	125.00	--	--
GA AC 5	--	TAYLOR, THOMAS	--	1912	2890	109.00	6	--
GA AC 6	--	MORGROFF, ANNA	A BRENNEMAN	1935	2880	68.00	6	--
GA AC 7	--	OPEL, JOHN	TRESSLER	1937	2920	72.00	6	--
GA AC 10	--	GLASS, CARL	TRESSLER	1947	2780	95.00	6	--
GA AC 11	--	COLLIER, HARRY T	A BRENNEMAN	1942	2930	206.00	6	--
GA AC 12	--	BARUCH, STEPHEN	BRENNEMAN	1938	2775	120.00	6	--
GA AC 13	--	BOUGHER, EDWARD	--	1900	2510	28.00	--	--
GA AC 18	GA-00-9579	REICHENBECKER, VERNON	TRESSLER	1952	2450	56.00	6	22
GA AC 19	GA-01-0927	DURST, LESTER	TRESSLER	1952	2780	106.00	6	20
GA AC 20	GA-73-0146	YODER, RAY M	L FORD	11/20/1972	2905	127.00	6	32
GA AC 21	GA-73-0546	YODER, RAY	J BRENNEMAN	03/08/1974	2905	360.00	4	53
GA AC 22	GA-73-0397	PLATTER, FLOYD	G CARPENTER	10/08/1974	2560	122.00	6	22
GA AC 23	GA-73-0501	DULEY, KENNETH	M TRESSLER	11/19/1973	2580	123.00	6	21
GA AC 24	GA-73-0288	GOODFELLOW AGENCY	L FORD	08/16/1973	2530	102.00	6	25
GA AC 25	GA-73-0578	ULLERY, WALLACE	L FORD	06/16/1974	2750	452.00	6	130
GA AC 26	GA-73-0121	ROOS, DAVID	L FORD	07/10/1973	2475	66.00	6	29
GA AC 27	GA-73-0274	DEAL, DONALD	M TRESSLER	07/17/1974	2400	120.00	6	21
GA AC 28	GA-73-0105	FRIEND, JOE	J BRENNEMAN	10/20/1972	2960	210.00	6	40
GA AC 29	GA-73-0581	YOUNKIN, KENNETH	G CARPENTER	08/16/1974	2450	160.00	6	42
GA AC 31	GA-73-0966	BAUER, HARRY	L FORD	07/16/1975	2685	276.00	6	40
GA AD 1	GA-00-4222	TOWN OF GRANTSVILLE	A BRENNEMAN	1949	2540	300.00	8	68
GA AD 4	GA-00-5340	BEACHY, SHERMAN	TRESSLER	1950	2160	43.00	6	23
GA AD 5	GA-00-4718	FOLK, BRUCE	TRESSLER	06/ /1949	2160	49.00	6	31
GA AD 6	GA-00-3579	HILEMAN, DORSEY	A BRENNEMAN	02/ /1949	2630	84.00	5	40
GA AD 7	GA-00-3639	DURST, RAYMOND	A BRENNEMAN	04/ /1949	2450	90.00	6	22
GA AD 8	GA-00-3638	HUTZELD, THOMAS	A BRENNEMAN	04/ /1949	2430	80.00	6	22
GA AD 9	GA-00-7034	MILLER, WILLIAM J	A BRENNEMAN	1950	2660	95.00	6	31
GA AD 10	GA-00-4231	DUCKWORTH, EVERETT	IRWIN	1949	2860	66.00	6	--
GA AD 12	GA-00-8599	FAILINGER, RAYMOND	TRESSLER	09/ /1951	2235	70.00	6	--
GA AD 15	GA-73-0171	HETRICK, REED	G CARPENTER	12/19/1972	2850	80.00	6	51
GA AD 16	GA-73-0102	MILLER, ELMER	M TRESSLER	09/22/1972	2210	83.00	6	29
GA AD 18	GA-73-0723	WINEBRENNER, JAMES	M TRESSLER	09/16/1974	2160	63.00	6	31
GA AD 19	GA-73-0757	MILK HAULING COOP	M TRESSLER	10/07/1974	2205	103.00	6	23

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
321CNMG	--	--	--	--	--	--	H	P	GA AA 1
321CNMG	--	--	--	--	--	--	H	P	GA AA 4
321CNMG	--	--	--	--	--	--	U	--	GA AA 6
321CNMG	--	--	--	--	--	--	H	P	GA AA 7
321CNMG	--	--	--	--	--	--	H	P	GA AA 8
321CNMG	18.00	45	08/19/1973	8	1.0	0.2	H	S	GA AA 9
321CNMG	92.00	108	07/31/1972	10	1.0	0.1	H	S	GA AA 10
324ALGN	20.00	20	10/ /1949	5	2.0	0.3	H	P	GA AB 1
324ALGN	--	--	--	--	--	--	H	P	GA AB 2
324ALGN	--	--	--	--	--	--	H	P	GA AB 4
324ALGN	FLOWING	--	08/ /1951	3	--	--	H	P	GA AB 5
321CNMG	100.00	46	09/24/1973	3	1.0	0.1	H	S	GA AB 9
321CNMG	36.00	54	09/22/1973	12	1.0	0.2	H	S	GA AB 10
321CNMG	60.00	90	09/26/1973	2	1.0	0.0	U	S	GA AB 11
321CNMG	40.00	60	09/22/1973	6	1.0	0.1	H	S	GA AB 12
324PVAG	14.00	49	08/29/1972	1	--	0.0	H	S	GA AB 13
324PVAG	80.00	--	03/17/1973	4	0.5	--	H	S	GA AB 14
324PVAG	28.00	--	07/11/1973	10	1.0	--	H	S	GA AB 15
324PVAG	37.00	--	07/02/1973	5	1.0	--	H	S	GA AB 16
321CNMG	40.00	60	09/11/1973	6	3.0	0.1	H	S	GA AB 17
324PVAG	40.00	20	03/15/1973	30	0.5	1.5	H	S	GA AB 18
321CNMG	83.00	42	05/15/1974	3	0.5	0.1	H	S	GA AB 19
321CNMG	12.00	127	01/05/1973	50	1.0	0.4	H	S	GA AB 20
324PVAG	50.00	25	10/20/1973	10	0.5	0.4	H	S	GA AB 21
337POCN	32.00	15	04/ /1949	24	2.0	1.6	H	--	GA AC 1
341HMPR	--	--	--	--	--	--	U	--	GA AC 2
341HMPR	--	--	--	--	--	--	U	--	GA AC 3
337POCN	--	--	--	--	--	--	H	P	GA AC 5
337POCN	--	--	--	--	--	--	H	P	GA AC 6
337POCN	--	--	--	--	--	--	H	P	GA AC 7
341HMPR	--	--	--	--	--	--	H	P	GA AC 10
337POCN	--	--	--	--	--	--	H	P	GA AC 11
337POCN	--	--	--	--	--	--	H	P	GA AC 12
337POCN	--	--	--	--	--	--	H	--	GA AC 13
331GRBR	25.00	5	02/ /1952	10	--	2.0	H	P	GA AC 18
337POCN	65.00	25	09/ /1952	3	--	0.1	H	--	GA AC 19
337POCN	105.00	22	11/20/1972	7	1.0	0.3	H	S	GA AC 20
337POCN	110.00	250	03/08/1974	4	1.0	0.0	I,S	S	GA AC 21
337POCN	50.00	2	10/08/1974	4	0.5	2.0	H	S	GA AC 22
337POCN	32.00	--	11/19/1973	5	1.0	--	H	S	GA AC 23
337POCN	19.00	83	08/16/1973	30	1.0	0.4	H	S	GA AC 24
337POCN	196.00	256	06/16/1974	2	2.0	0.0	H	S	GA AC 25
337POCN	22.00	44	07/10/1973	5	1.0	0.1	H	S	GA AC 26
337POCN	13.00	--	07/17/1974	30	1.0	--	H	S	GA AC 27
337POCN	59.00	151	10/20/1972	2	1.0	0.0	H	S	GA AC 28
331GRBR	15.00	125	08/16/1974	20	0.5	0.2	H	S	GA AC 29
337POCN	41.00	235	07/16/1975	10	2.0	0.0	H	S	GA AC 31
324PVAG	--	--	07/ /1950	8	--	--	P	--	GA AD 1
321CNMG	6.00	14	03/ /1950	10	--	0.7	H	--	GA AD 4
321CNMG	5.00	7	06/ /1949	16	--	2.3	H	--	GA AD 5
337POCN	40.00	40	02/05/1949	10	2.0	0.3	H	P	GA AD 6
324ALGN	30.00	--	04/12/1949	10	2.0	--	H	J	GA AD 7
324ALGN	30.00	--	04/18/1949	10	2.0	--	H	P	GA AD 8
337POCN	--	--	--	--	--	--	H	--	GA AD 9
337POCN	31.00	11	07/ /1949	2	10.0	0.2	H	P	GA AD 10
321CNMG	--	--	--	--	--	--	H	--	GA AD 12
331MCCK	60.00	--	12/19/1972	15	1.0	--	H	S	GA AD 15
321CNMG	12.00	--	09/22/1972	100	1.0	--	H	S	GA AD 16
321CNMG	10.00	--	09/16/1974	20	1.0	--	H	S	GA AD 18
321CNMG	15.00	--	10/07/1974	20	1.5	--	N	S	GA AD 19

WATER USE CODES

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

LIFT TYPE CODES

P PISTON
S SUBMERSIBLE
J JET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA AD 20	GA-73-0788	WARNICK, DAVID	J BRENNEMAN	10/12/1974	2220	118.00	6	40
GA AD 21	GA-73-0685	BUTLER, MARK G	G CARPENTER	09/11/1974	2870	96.00	6	52
GA AD 22	--	TOWN OF GRANTSVILLE	TRESSLER	1953	2765	445.00	6	--
GA AE 1	GA-00-0253	GRANTSVILLE DAIRY INC	A BRENNEMAN	04/13/1946	2310	198.00	5	42
GA AE 2	--	TOWN OF GRANTSVILLE	--	1946	2395	98.00	--	--
GA AE 3	GA-00-4502	GREEN, GILBERT	TRESSLER	08/ /1939	2400	98.00	6	18
GA AE 4	GA-00-3427	MCKINZIE, MARSHALL	BUSER	12/ /1948	2680	73.00	6	33
GA AE 5	GA-00-4101	YODER, SAM	TRESSLER	06/ /1949	2380	108.00	6	20
GA AE 7	GA-00-6012	YODER, IRVIN	TRESSLER	06/ /1950	2320	65.00	6	25
GA AE 8	GA-00-6262	YOUNKIN, HARRY	TRESSLER	09/ /1950	2250	85.00	6	21
GA AE 9	--	DURST, MARSHALL	TRESSLER	1900	2265	87.00	--	--
GA AE 10	GA-00-1400	GARRETT CO COOP	A BRENNEMAN	06/ /1947	2160	250.00	8	38
GA AE 11	GA-00-1499	YODER LKR PLANT	A BRENNEMAN	07/ /1947	2380	170.00	8	28
GA AE 12	GA-00-1500	GARRETT CO COOP	A BRENNEMAN	06/ /1947	2160	250.00	8	60
GA AE 13	GA-00-0564	SCHROCK, ELMER	A BRENNEMAN	07/ /1946	2480	192.00	6	--
GA AE 14	GA-00-6801	MILLER, EDISON	TRESSLER	03/ /1951	2170	110.00	6	29
GA AE 15	GA-00-7570	DURST, E R	TRESSLER	04/ /1951	2260	91.00	6	29
GA AE 16	GA-00-6215	SIVITS, IRVIN	A BRENNEMAN	07/ /1950	2520	65.00	6	18
GA AE 17	GA-00-5111	COBOUGH, ROBERT	A BRENNEMAN	01/ /1950	2530	65.00	6	21
GA AE 18	GA-00-6800	RODAMER, CLARENCE	TRESSLER	10/ /1950	2670	74.00	6	16
GA AE 19	GA-00-6802	BEILER, MELVIN	TRESSLER	11/ /1950	2520	53.00	6	15
GA AE 23	GA-00-8577	BEITZEL, FREEMAN	TRESSLER	09/ /1951	2180	57.00	6	--
GA AE 24	GA-00-8641	TICE, ELI	TRESSLER	09/ /1951	2360	58.00	6	24
GA AE 25	GA-00-8687	LAYMAN, WILLIAM	TRESSLER	1951	2640	80.00	6	52
GA AE 26	GA-00-8075	HETZ, FLOYD C	TRESSLER	06/ /1951	2170	80.00	6	40
GA AE 28	GA-01-0032	YODER, HENRY E	TRESSLER	05/ /1952	2510	130.00	6	23
GA AE 29	GA-00-8868	YOMMER, DEWEY	A BRENNEMAN	10/ /1951	2150	145.00	6	23
GA AE 30	GA-67-0115	PENN ALPS INC	J BRENNEMAN	12/09/1966	2125	150.00	6	40
GA AE 31	GA-03-8685	MENNONITE HOME	M TRESSLER	04/29/1960	2300	168.00	6	43
GA AE 32	GA-73-0053	FOLK, BLAINE	M TRESSLER	09/12/1972	2645	185.00	6	21
GA AE 33	GA-73-0055	ROUNDS, DALE	M TRESSLER	10/15/1972	2640	103.00	6	20
GA AE 34	GA-73-0040	MOTOR SERVICE	J BRENNEMAN	09/29/1972	2675	353.00	6	81
GA AE 35	GA-73-0042	CONNER, ROBERT	W LAMBERSON	10/20/1972	2600	98.00	6	25
GA AE 36	GA-73-0023	BUTLER, L S	W LAMBERSON	08/18/1972	2565	98.00	6	24
GA AE 37	GA-73-0136	MURPHY, MARVIN	M TRESSLER	10/31/1972	2480	61.00	6	50
GA AE 38	GA-73-0500	YOUNKIN, EVELYN	M TRESSLER	11/15/1973	2520	57.00	6	21
GA AE 39	GA-73-0451	LEASURE, WILFRED	M TRESSLER	10/02/1973	2700	132.00	6	74
GA AE 40	GA-73-0568	THOMAS, JAMES	M TRESSLER	04/19/1974	2655	83.00	6	34
GA AE 41	GA-73-0423	CENTRAL PENN IND	L FORD	09/11/1973	2525	82.00	6	49
GA AE 42	GA-73-0487	GRANTSVILLE FOODLAND	G FORD	11/20/1973	2640	260.00	6	51
GA AE 43	GA-73-0375	WARNE, TOM	M TRESSLER	07/31/1973	2645	84.00	6	41
GA AE 44	GA-73-0374	WARNE, DAN	M TRESSLER	09/27/1973	2645	120.00	6	29
GA AE 45	GA-73-0388	SLANE, MYRON	M TRESSLER	08/16/1973	2500	85.00	6	21
GA AE 46	GA-73-0555	RICHARDSON, CLARANCE	G CARPENTER	08/24/1974	2520	97.00	6	54
GA AE 47	GA-73-0556	SCHROCK, WAYNE	G CARPENTER	04/27/1974	2505	72.00	6	49
GA AE 48	GA-73-0449	DAVIS, DONALD	M TRESSLER	05/12/1974	2545	103.00	6	45
GA AE 49	GA-73-0215	YODER, KENNETH	M TRESSLER	04/03/1973	2280	124.00	6	22
GA AE 50	GA-73-0233	MARANATHA CHURCH	M TRESSLER	06/12/1973	2405	90.00	6	21
GA AE 51	GA-73-0465	HOUSE, GORDON	G CARPENTER	11/27/1973	2480	102.00	6	22
GA AE 52	GA-73-0234	YODER, RAY	M TRESSLER	04/26/1973	2475	165.00	6	21
GA AE 53	GA-73-0446	YODER, GLENN	G CARPENTER	12/20/1973	2490	122.00	6	45
GA AE 54	GA-73-0325	BILLMEYER, DONALD	J BRENNEMAN	07/10/1973	2490	120.00	6	41
GA AE 55	GA-73-0311	HOUSE, LARRY	G CARPENTER	06/28/1973	2495	83.00	6	22
GA AE 56	GA-73-0530	BENDER, RAY	G CARPENTER	03/22/1974	2505	72.00	6	21
GA AE 57	GA-73-0389	ARNOLD, KENNETH	M TRESSLER	08/22/1973	2485	67.00	6	22
GA AE 58	GA-73-0312	BALLARD, ARNOLD	M TRESSLER	09/01/1973	2130	83.00	6	23
GA AE 59	GA-73-0416	BENDER, ROBERT	M TRESSLER	09/18/1973	2265	165.00	6	21
GA AE 60	GA-73-0018	BITTINGER, EVANGELINE	M TRESSLER	08/03/1972	2225	168.00	6	87
GA AE 61	GA-73-0134	DAVIS, ROBERT	M TRESSLER	11/16/1972	2325	145.00	6	21
GA AE 62	GA-73-0595	WILEY, ALTON	G FORD	06/06/1974	2295	120.00	6	21

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET.	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
321CNMG	18.00	100	10/12/1974	5	--	0.1	H	S	GA AD 20
331MCCK	76.00	--	09/11/1974	12	0.5	--	H	S	GA AD 21
324PSVL	--	--	09/02/1954	50	--	--	P	S	GA AD 22
321CNMG	75.00	--	04/13/1946	7	--	--	C	--	GA AE 1
321CNMG	--	--	1946	38	--	--	P	--	GA AE 2
321CNMG	35.00	15	08/13/1949	5	--	0.3	H	--	GA AE 3
321CNMG	16.00	18	12/02/1948	8	0.5	0.4	H	P	GA AE 4
321CNMG	28.00	22	06/11/1949	8	--	0.4	H	Z	GA AE 5
321CNMG	25.00	5	06/12/1950	8	--	1.6	H	--	GA AE 7
321CNMG	33.00	22	09/ /1950	4	--	0.2	H	P	GA AE 8
321CNMG	--	--	--	--	--	--	H	--	GA AE 9
321CNMG	42.00	9	06/ /1947	75	--	8.3	U	--	GA AE 10
321CNMG	53.00	22	07/ /1947	50	7.0	2.3	N	--	GA AE 11
321CNMG	47.00	8	06/ /1947	75	8.0	9.4	U	--	GA AE 12
321CNMG	40.00	--	07/ /1946	30	2.0	--	H	--	GA AE 13
321CNMG	51.00	4	03/ /1951	8	--	2.0	H	--	GA AE 14
321CNMG	40.00	10	04/ /1951	7	--	0.7	H	--	GA AE 15
321CNMG	--	15	07/ /1950	18	2.0	1.2	H	J	GA AE 16
321CNMG	30.00	--	--	--	--	--	H	J	GA AE 17
321CNMG	14.00	36	10/ /1950	4	--	0.1	H	--	GA AE 18
321CNMG	20.00	15	11/ /1950	6	--	0.4	H	--	GA AE 19
321CNMG	35.00	--	09/ /1951	10	--	--	H	--	GA AE 23
321CNMG	30.00	3	09/27/1951	6	--	2.0	H	--	GA AE 24
321CNMG	40.00	6	10/05/1951	6	--	1.0	H	--	GA AE 25
321CNMG	49.00	--	--	--	--	--	H	--	GA AE 26
321CNMG	50.00	30	05/07/1952	6	--	0.2	H	--	GA AE 28
321CNMG	40.00	40	10/27/1951	18	--	0.5	H	--	GA AE 29
321CNMG	21.00	--	12/09/1966	14	--	--	C	S	GA AE 30
321CNMG	125.00	110	04/29/1960	18	--	0.2	T	S	GA AE 31
321CNMG	50.00	--	09/12/1972	6	1.0	--	H	S	GA AE 32
321CNMG	53.00	--	10/15/1972	6	1.0	--	H	S	GA AE 33
321CNMG	102.00	251	09/29/1972	3	1.0	0.0	C	S	GA AE 34
321CNMG	40.00	45	10/20/1972	15	1.0	0.3	H	S	GA AE 35
321CNMG	30.00	50	08/18/1972	7	1.0	0.1	H	S	GA AE 36
321CNMG	30.00	--	10/31/1972	8	2.0	--	H	S	GA AE 37
321CNMG	33.04	--	11/15/1973	8	1.0	--	H	S	GA AE 38
321CNMG	28.00	--	10/02/1973	5	1.0	--	H	S	GA AE 39
321CNMG	32.00	--	04/19/1974	8	1.0	--	H	S	GA AE 40
321CNMG	--	--	09/11/1973	30	1.0	--	N	S	GA AE 41
321CNMG	13.00	247	11/20/1973	6	1.0	0.0	C	S	GA AE 42
321CNMG	32.00	--	07/31/1973	6	1.0	--	H	S	GA AE 43
321CNMG	45.00	--	09/27/1973	6	1.0	--	H	S	GA AE 44
321CNMG	22.00	--	08/16/1973	10	1.0	--	H	S	GA AE 45
321CNMG	70.00	--	08/24/1974	40	1.0	--	H	S	GA AE 46
321CNMG	51.00	--	04/27/1974	20	0.5	--	H	S	GA AE 47
321CNMG	0.00	--	05/12/1974	200	1.0	--	H	S	GA AE 48
321CNMG	35.00	--	04/03/1973	12	1.0	--	H	S	GA AE 49
321CNMG	36.00	--	06/12/1973	40	1.0	--	T	S	GA AE 50
321CNMG	80.00	--	11/27/1973	30	0.5	--	H	S	GA AE 51
321CNMG	35.00	--	04/26/1973	6	1.0	--	H	S	GA AE 52
321CNMG	40.00	65	12/20/1973	40	0.5	0.6	H	S	GA AE 53
321CNMG	38.00	82	07/10/1973	6	1.0	0.1	H	S	GA AE 54
321CNMG	40.00	23	06/28/1973	60	0.5	2.6	H	S	GA AE 55
321CNMG	40.00	15	03/22/1974	15	0.5	1.0	H	S	GA AE 56
321CNMG	35.00	--	08/22/1973	30	1.0	--	H	S	GA AE 57
321CNMG	18.00	--	09/01/1973	50	1.0	--	H	S	GA AE 58
321CNMG	65.00	--	09/18/1973	6	1.0	--	H	S	GA AE 59
321CNMG	95.00	--	08/03/1972	4	1.0	--	H	S	GA AE 60
321CNMG	30.00	--	11/16/1972	6	1.0	--	H	S	GA AE 61
321CNMG	13.00	107	06/06/1974	6	1.0	0.1	H	S	GA AE 62

WATER USE CODES

H DOMESTIC
P PUBLIC SUPPLY
C COMMERCIAL
U UNUSED
N INDUSTRIAL
T INSTITUTION

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON
Z OTHER
J JET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA AE 63	GA-73-0489	HETZ, RONALD	G FORD	11/13/1973	2270	59.00	6	21
GA AE 64	GA-73-0799	GARLITZ, GRACE	L FORD	11/07/1974	2650	197.00	6	33
GA AE 65	GA-73-0570	ROUNDS, CECIL	M TRESSLER	05/12/1974	2750	120.00	6	21
GA AE 66	GA-73-0532	YODER, HENRY	J BRENNEMAN	03/01/1974	2340	258.00	6	86
GA AE 67	GA-73-0309	MAST, GLEN	M TRESSLER	08/18/1973	2505	83.00	6	22
GA AE 68	GA-73-0420	KEYSTONE LIME COMPANY	M TRESSLER	09/06/1973	2540	63.00	6	21
GA AE 69	GA-73-0319	ELY, JOHN	M TRESSLER	06/29/1973	2505	43.00	6	20
GA AE 70	GA-73-0751	DURST, PAUL	G CARPENTER	11/11/1974	2490	97.00	6	29
GA AE 71	GA-73-0408	SWAUGER, JOE	G FORD	09/04/1973	2520	100.00	6	61
GA AE 72	GA-73-0798	RESH, GARY	J BRENNEMAN	12/20/1974	2470	298.00	6	40
GA AE 73	GA-73-0728	YODER, ROBERT	M TRESSLER	09/07/1974	2470	124.00	6	21
GA AE 74	GA-73-0687	JONES, DAVID L	L FORD	08/20/1974	2460	349.00	6	40
GA AE 75	GA-73-0784	MILLER, WARREN	M TRESSLER	11/06/1974	2630	185.00	6	21
GA AE 76	GA-73-0759	REPHANN, CAROLYN	L FORD	10/24/1974	2630	98.00	6	48
GA AE 77	GA-73-0716	MCKENZIE, ROBERT	M TRESSLER	08/18/1974	2250	125.00	6	28
GA AE 78	GA-73-0717	BEACHEY, MORRIS	M TRESSLER	08/26/1974	2540	165.00	6	21
GA AE 79	GA-73-0827	GRANTSVILLE WASH CO	L FORD	12/19/1974	2240	197.00	6	30
GA AE 80	GA-73-0945	WHEELER, ELMER D	L FORD	08/07/1975	2225	196.00	6	29
GA AE 81	GA-73-0939	PRICHARD, DONALD	L FORD	08/26/1975	2790	388.00	6	15
GA AE 82	GA-73-1385	WILEY, A. J	G CARPENTER	03/10/1977	2300	123.00	6	21
GA AE 83	GA-73-0101	OESTER, GEORGE	M TRESSLER	09/21/1972	2470	83.00	6	21
GA AE 84	GA-73-0138	MENNONITE HOME	M TRESSLER	11/03/1972	2300	165.00	6	22
GA AE 85	GA-71-0104	YODER LKR PLANT	J BRENNEMAN	04/10/1971	2390	195.00	8	41
GA AE 86	GA-00-0253	SUMMERS AUTO PARTS IN	A BRENNEMAN	04/13/1946	2330	198.00	6	42
GA AE 87	GA-73-0683	GARRETT CO ROADS DEPT	J BRENNEMAN	08/15/1974	2665	405.00	6	121
GA AF 1	GA-73-0820	MINICK, JOHN E	L FORD	12/16/1975	2690	451.00	6	--
GA AF 2	--	HARTMAN, E E	--	--	2630	--	--	--
GA AF 3	GA-00-4608	GUNTER, DAVE	J B TRESSLER	10/05/1949	2670	135.00	6	31
GA AF 4	GA-00-4410	GARLITZ, JOHN	J B TRESSLER	08/08/1949	2480	78.00	6	20
GA AF 7	GA-00-6216	HOLLIDAY, RANDALL	A BRENNEMAN	11/ /1950	2660	200.00	6	23
GA AF 8	GA-00-6792	RAILEY, WILBER	IRWIN	10/ /1950	2555	60.00	6	--
GA AF 9	GA-00-3078	MCKINZIE, GERALD M	IRWIN	09/ /1948	2590	60.00	6	18
GA AF 10	GA-00-4888	TURNER, WILLIAM	IRWIN	11/ /1949	2420	67.00	6	17
GA AF 11	GA-00-4322	ASH, JOHN F	IRWIN	1949	2550	219.00	6	6
GA AF 13	GA-01-0679	GARLITZ, EARL E	TRESSLER	1952	2680	96.00	6	29
GA AF 14	GA-01-0745	ROBESON, HARRY	TRESSLER	08/ /1952	2740	79.00	6	23
GA AF 15	GA-73-0187	FAZENBAKER, CHARLES	M TRESSLER	03/28/1973	2615	83.00	6	59
GA AF 16	GA-73-0181	TURNER, FRANK	M TRESSLER	03/11/1973	2595	83.00	6	21
GA AF 17	GA-73-0192	HUMMEL, HENRY	M TRESSLER	03/21/1973	2635	103.00	6	20
GA AF 18	GA-73-0180	GUTHRIE, GLENN	M TRESSLER	03/19/1973	2640	103.00	6	23
GA AF 19	GA-73-0012	SHUMAKER, RONALD K	G CARPENTER	08/14/1972	2585	172.00	6.60	26
GA AF 20	GA-73-0021	ROSS, CHARLES R	G CARPENTER	08/17/1972	2595	197.00	6.60	31
GA AF 21	GA-73-0169	FERREE, JACK	L FORD	01/24/1973	2550	303.00	6	21
GA AF 22	GA-73-0445	MURRAY, ROBERT	M TRESSLER	09/28/1973	2670	83.00	6	21
GA AF 23	GA-73-0418	GROVES, S J	J BRENNEMAN	10/06/1973	2665	120.00	6	60
GA AF 24	GA-73-0385	GALICA, JOHN	L FORD	08/09/1973	2690	152.00	6	28
GA AF 25	GA-73-0280	BRABSON, GEORGE	L FORD	06/17/1973	2620	265.00	6	22
GA AF 26	GA-73-0478	POPE, HARRY	L FORD	11/08/1973	2605	177.00	6	52
GA AF 27	GA-73-0410	POPE, HARRY	L FORD	08/17/1973	2620	153.00	6	40
GA AF 28	GA-73-0329	WEIMER, STANLEY	M TRESSLER	08/28/1973	2695	166.00	6	21
GA AF 29	GA-73-0437	DUCKWORTH, LAWSON	G CARPENTER	10/05/1973	2530	180.00	6	23
GA AF 30	GA-73-0531	GARLOCK, BOYED	L FORD	03/03/1974	2680	227.00	6	25
GA AF 31	GA-73-0424	STANTON, DONALD	M TRESSLER	09/03/1973	2720	146.00	6	--
GA AF 32	GA-73-0502	GANOE, ERNEST L	J BRENNEMAN	11/06/1973	2510	150.00	6	43
GA AF 33	GA-73-0739	MCKENZIE, PAUL	L FORD	09/15/1974	2485	151.00	6	20
GA AF 34	GA-73-0746	KAMP, DALE	L FORD	09/23/1974	2580	147.00	6	37
GA AF 35	GA-73-0753	RAFFERTY, CHARLES E	L FORD	09/24/1974	2705	147.00	6	25
GA AF 36	GA-73-0666	KYLE, RUSSELL	L FORD	07/06/1974	2570	122.00	6	46
GA AF 37	GA-73-0940	BOWSER, HARRY M	L FORD	08/04/1975	2590	96.00	6	79
GA AF 38	GA-73-0846	SHROYER, TOM	M TRESSLER	02/12/1975	2720	83.00	6	22

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
321CNMG	10.00	49	11/13/1977	12	1.0	0.2	H	S	GA AE 63
321CNMG	52.00	145	11/07/1974	5	2.0	0.0	H	S	GA AE 64
321CNMG	28.00	--	05/12/1974	8	1.0	--	H	S	GA AE 65
321CNMG	31.00	227	03/01/1974	2	1.0	0.0	H	S	GA AE 66
321CNMG	35.00	--	08/18/1973	6	1.0	--	H	S	GA AE 67
321CNMG	42.00	--	09/06/1973	10	1.0	--	N	S	GA AE 68
321CNMG	0.00	--	06/29/1973	8	--	--	H	S	GA AE 69
321CNMG	70.00	27	11/11/1974	30	0.5	1.1	H	S	GA AE 70
321CNMG	43.00	57	09/04/1973	12	1.0	0.2	H	S	GA AE 71
321CNMG	45.00	253	12/20/1974	2	1.0	0.0	H	S	GA AE 72
321CNMG	46.00	--	09/07/1974	6	1.0	--	H	S	GA AE 73
321CNMG	58.00	291	08/20/1974	17	2.0	0.1	H	S	GA AE 74
321CNMG	39.00	--	11/06/1974	5	1.0	--	H	S	GA AE 75
321CNMG	43.00	55	10/24/1974	20	2.0	0.4	H	S	GA AE 76
321CNMG	48.00	--	08/18/1974	6	1.0	--	H	S	GA AE 77
321CNMG	60.00	--	08/26/1974	6	1.0	--	H	S	GA AE 78
321CNMG	32.00	165	12/19/1974	35	2.0	0.2	C	S	GA AE 79
321CNMG	62.00	134	08/07/1975	10	1.0	0.1	H	S	GA AE 80
324PVAG	71.00	317	08/26/1975	25	2.0	0.1	C	S	GA AE 81
321CNMG	63.00	60	03/10/1977	5	0.5	0.1	H	S	GA AE 82
321CNMG	12.00	--	09/21/1972	6	1.0	--	H	S	GA AE 83
321CNMG	80.00	--	11/03/1972	20	1.0	--	T	S	GA AE 84
321CNMG	37.00	158	04/10/1971	20	1.0	0.1	C	S	GA AE 85
321CNMG	75.00	--	04/13/1946	35	8.0	--	U	--	GA AE 86
321CNMG	33.00	372	08/15/1974	1	1.0	0.0	T	S	GA AE 87
341HMPR	167.00	284	12/16/1975	10	2.0	0.0	C	--	GA AF 1
341JNGS	--	--	--	--	--	--	C	--	GA AF 2
341HMPR	65.00	--	--	--	--	--	C	--	GA AF 3
341JNGS	15.00	20	08/08/1949	4	--	0.2	H	P	GA AF 4
331GRBR	50.00	150	11/ /1950	18	1.0	0.1	H	P	GA AF 7
341HMPR	22.00	18	10/ /1950	2	3.0	0.1	H	P	GA AF 8
341JNGS	29.00	29	09/ /1948	1	3.0	0.0	H	P	GA AF 9
341HMPR	10.00	18	11/ /1949	6	30.0	0.3	H	P	GA AF 10
341HMPR	49.00	131	10/ /1949	3	--	0.0	H	P	GA AF 11
341HMPR	48.00	27	08/ /1952	3	--	0.1	H	--	GA AF 13
337POCN	50.00	7	08/ /1952	15	--	2.1	H	--	GA AF 14
331GRBR	12.00	--	03/28/1973	10	2.0	--	H	S	GA AF 15
337POCN	FLOWING	--	03/11/1973	10	--	--	H	S	GA AF 16
337POCN	FLOWING	--	03/21/1973	20	1.0	--	H	S	GA AF 17
337POCN	0.00	--	--	--	--	--	H	S	GA AF 18
341JNGS	110.00	--	08/14/1972	4	0.5	--	H	S	GA AF 19
341JNGS	10.00	150	08/17/1972	25	0.5	0.2	H	S	GA AF 20
341HMPR	192.00	111	01/24/1973	4	2.0	0.0	S	S	GA AF 21
337POCN	16.00	--	09/28/1973	6	1.0	--	H	S	GA AF 22
337POCN	27.00	93	10/06/1973	4	--	0.0	U	--	GA AF 23
337POCN	88.00	65	08/09/1973	17	1.0	0.3	H	S	GA AF 24
341HMPR	61.00	204	06/17/1973	2	2.0	0.0	H	S	GA AF 25
341JNGS	29.00	148	11/08/1973	17	2.0	0.1	H	S	GA AF 26
341JNGS	62.00	91	08/17/1973	10	2.0	0.1	I	S	GA AF 27
337POCN	70.00	--	08/28/1973	5	1.0	--	H	S	GA AF 28
341JNGS	12.00	148	10/05/1973	12	0.5	0.1	H	S	GA AF 29
341JNGS	76.00	151	03/03/1974	7	2.0	0.0	H	S	GA AF 30
337POCN	90.00	--	09/03/1973	6	1.0	--	H	S	GA AF 31
341JNGS	23.00	127	11/06/1973	8	1.0	0.1	I	S	GA AF 32
341JNGS	19.00	132	09/15/1974	10	2.0	0.1	H	S	GA AF 33
337POCN	32.00	115	09/23/1974	10	2.0	0.1	S	S	GA AF 34
337POCN	45.00	102	09/24/1974	18	2.0	0.2	H	S	GA AF 35
341HMPR	26.00	96	07/06/1974	9	2.0	0.1	H	S	GA AF 36
331GRBR	12.00	84	08/04/1975	30	2.0	0.4	H	S	GA AF 37
337POCN	36.00	--	02/12/1975	15	1.0	--	H	S	GA AF 38

WATER USE CODES

H DOMESTIC
N INDUSTRIAL
C COMMERCIAL
T INSTITUTION
U UNUSED
S STOCK
I IRRIGATION

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA AF 39	GA-73-0845	SHROYER, TOM	M TRESSLER	02/16/1975	2720	84.00	6	22
GA AF 40	GA-73-0847	SHROYER, TOM	M TRESSLER	03/13/1975	2750	140.00	6	21
GA AF 41	GA-73-0736	CAREY, JAMES	L FORD	09/26/1974	2580	822.00	6	20
GA AF 42	GA-73-0911	WILHELM, RONALD	L FORD	06/10/1975	2640	172.00	6	21
GA AF 43	GA-73-1324	ROWE, JOHN	L FORD	11/19/1976	2640	90.00	6	21
GA AF 44	GA-73-0817	MAUST, JAMES M	J BRENNEMAN	12/12/1974	2555	157.00	6	39
GA AF 45	GA-73-0818	MAUST, JAMES M	J BRENNEMAN	12/14/1974	2560	295.00	6	40
GA AF 46	GA-65-0213	KNEPP, ROY	W BRADLEY	05/20/1965	2645	257.00	6	22
GA AF 47	GA-73-1382	KNEPP, ROY	G FORD	05/23/1977	2640	620.00	7	26
GA AG 1	--	TOWN OF FROSTBURG	IRWIN	1932	2530	30.00	8	--
GA AG 2	--	TOWN OF FROSTBURG	IRWIN	1932	2560	--	--	--
GA AG 3	--	WARNER, W. F	--	1950	2610	39.00	30	--
GA AG 4	--	WARNER, W F	--	1900	2610	80.00	5	--
GA AG 5	--	WARNER, M H	--	1907	2530	43.00	4	--
GA AG 6	--	LAYMAN, ODELL	IRWIN	1946	2620	95.00	6	32
GA AG 7	--	SHOCKEY, LEONARD	--	1945	2650	--	--	--
GA AG 8	--	MCKINZIE, CLARENCE	IRWIN	1945	2790	86.00	6	29
GA AG 9	--	CATON, EARL	IRWIN	1932	2820	68.00	4	--
GA AG 16	GA-00-1039	JOHNSTON SCHOOL	IRWIN	02/ /1947	2620	80.00	5	26
GA AG 18	GA-00-3110	DREES, ALBERT	IRWIN	09/ /1948	2770	70.00	6	20
GA AG 19	GA-00-3173	WARNER, CECIL	IRWIN	10/ /1948	2605	60.00	6	20
GA AG 20	GA-00-0988	BRANT, C L	IRWIN	01/ /1947	2750	75.00	6	--
GA AG 21	GA-00-6947	MCKINZIE, ANTHONY	IRWIN	10/ /1950	2750	40.00	6	11
GA AG 22	GA-00-0987	KILIP, FRED	IRWIN	12/ /1946	2710	100.00	6	--
GA AG 23	GA-00-3286	MCKINZIE, MURRELL	IRWIN	11/ /1948	2560	78.00	6	22
GA AG 24	GA-00-6998	MINICK, ARVEL	IRWIN	11/ /1950	2540	65.00	6	--
GA AG 26	GA-00-9109	CATON, NANNIE	IRWIN	01/ /1952	2800	61.00	6	12
GA AG 27	GA-73-0120	MCKENZIE, MERLE	L FORD	10/12/1972	2630	103.00	6	62
GA AG 28	GA-70-0078	MILLER, WAYNE	L FORD	01/22/1973	2740	204.00	6	32
GA AG 29	GA-73-0037	DUHR, GEORGE	J BRENNEMAN	09/12/1972	2630	178.00	6	41
GA AG 30	GA-73-0057	KITIS, FRITZ	L FORD	08/29/1972	2640	147.00	6	24
GA AG 31	GA-73-0145	ROSENBERGER, KENNEY	L FORD	11/13/1972	2555	102.00	6	21
GA AG 32	GA-73-0119	DREES, DESSIE G	L FORD	10/16/1972	2740	177.00	6	--
GA AG 33	GA-73-0118	CLARK, ALLEN J	L FORD	10/06/1972	2745	177.00	6	25
GA AG 34	GA-73-0051	DREESE, RAYMOND	L FORD	09/19/1972	2760	173.00	6	23
GA AG 35	GA-73-0050	DREESE, ALBERT	L FORD	09/02/1972	2765	198.00	6	12
GA AG 36	GA-73-0052	MCKENZIE, EUGENE	L FORD	09/12/1972	2765	223.00	6	24
GA AG 37	GA-73-0076	COLEMAN, ANGELA	L FORD	09/01/1972	2760	147.00	6	--
GA AG 38	GA-73-0337	MINNICKS, BERNARD	L FORD	07/12/1973	2780	203.00	6	21
GA AG 39	GA-73-0370	SWICK, WILLIAM E	L FORD	01/16/1974	2680	196.00	6	149
GA AG 40	GA-04-3899	JENKINS, FREDERICK	G FORD	08/09/1961	2670	117.00	6.63	54
GA BA 1	GA-00-5557	FRANTZ, BLAINE	A BRENNEMAN	04/ /1950	2010	70.00	6	41
GA BA 3	--	FREIND, ELLIS	IRWIN	1906	2080	60.00	--	--
GA BA 6	--	WILLIAMS, C F	A BRENNEMAN	1947	2400	150.00	6	20
GA BA 10	GA-73-0112	BOSLEY, WILLIAM C	W LAMBERSON	11/24/1972	2290	65.00	6	22
GA BA 11	GA-73-0140	FRIEND, GARY E	J BRENNEMAN	11/06/1972	2150	255.00	6	37
GA BA 12	GA-73-0139	FRAZEE LUMBER COMPANY	J BRENNEMAN	11/10/1972	1950	510.00	6	40
GA BA 13	GA-73-0166	FRAZEE LUMBER COMPANY	J BRENNEMAN	02/27/1973	1950	435.00	6	41
GA BA 14	GA-73-0114	CUPP, ROBERT	J BRENNEMAN	10/04/1972	1555	90.00	6	40
GA BA 15	GA-73-0111	CUPP, ROBERT	J BRENNEMAN	10/03/1972	1580	75.00	6	41
GA BA 16	GA-73-0033	KING, RICHARD	J BRENNEMAN	08/17/1972	2115	83.00	6	21
GA BB 1	--	MCCULLOUGH, R O	--	1946	1550	37.00	16	--
GA BB 2	GA-00-0296	TOWN OF FRIENDSVILLE	A BRENNEMAN	03/ /1946	1490	50.00	6	22
GA BB 4	GA-00-5047	FRAZEE, WILLIAM M	A BRENNEMAN	01/ /1950	1500	41.00	5	30
GA BB 5	GA-00-7135	WAHL, GEORGE	A BRENNEMAN	12/ /1950	1910	55.00	6	21
GA BB 6	GA-00-7289	GLASS, GERALD	A BRENNEMAN	02/ /1951	1910	55.00	6	25
GA BB 7	GA-00-6544	SCHLOSSNAGLE, CLARK	A BRENNEMAN	11/ /1950	2470	75.00	6	30
GA BB 9	GA-00-2200	RESH, JAMES	A BRENNEMAN	01/ /1948	2210	185.00	8	65
GA BB 10	GA-00-6901	ROSS, ORVAL	A BRENNEMAN	10/ /1950	1620	60.00	6	31
GA BB 11	GA-00-2258	FAZENBAKER, J L	A BRENNEMAN	02/ /1948	2360	100.00	6	28

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
337POCN	32.00	--	02/16/1975	20	1.0	--	H	S	GA AF 39
337POCN	47.00	--	03/13/1975	6	1.0	--	H	S	GA AF 40
341JNGS	166.00	454	09/26/1974	8	3.0	0.0	S	S	GA AF 41
341JNGS	39.00	133	06/10/1975	8	1.0	0.1	H	S	GA AF 42
341JNGS	50.00	40	11/19/1976	6	1.0	0.2	H	S	GA AF 43
341JNGS	18.00	139	12/12/1974	8	1.0	0.1	H	S	GA AF 44
341JNGS	31.00	264	12/14/1974	3	1.0	0.0	S	S	GA AF 45
341JNGS	30.00	227	05/20/1965	6	0.5	0.0	U	--	GA AF 46
341JNGS	140.00	480	05/23/1977	2	1.0	0.0	C	S	GA AF 47
337POCN	8.20	--	--	--	--	--	P	--	GA AG 1
337POCN	2.00	--	--	--	--	--	U	--	GA AG 2
341HMPR	30.54	--	--	--	--	--	H	J	GA AG 3
341HMPR	--	--	--	--	--	--	H	J	GA AG 4
341HMPR	--	--	--	--	--	--	C	P	GA AG 5
337POCN	40.00	--	--	--	--	--	H	J	GA AG 6
337POCN	--	--	--	--	--	--	H	J	GA AG 7
337POCN	29.00	--	--	--	--	--	H	P	GA AG 8
337POCN	--	--	--	--	--	--	--	P	GA AG 9
341HMPR	12.00	18	02/ /1947	5	20.0	0.3	T	--	GA AG 16
337POCN	31.00	19	09/ /1948	1	3.0	0.1	H	--	GA AG 18
337POCN	33.00	7	10/ /1948	3	6.0	0.4	H	P	GA AG 19
337POCN	15.00	--	--	--	--	--	H	--	GA AG 20
337POCN	17.00	11	10/ /1950	1	5.0	0.1	H	P	GA AG 21
331GRBR	61.00	--	12/ /1946	1	--	--	H	--	GA AG 22
341HMPR	21.00	19	11/ /1948	1	6.0	0.1	H	--	GA AG 23
341HMPR	21.00	9	11/ /1950	2	5.0	0.2	H	--	GA AG 24
337POCN	12.00	18	01/ /1952	0.8	6.0	0.0	H	--	GA AG 26
337POCN	46.00	57	10/12/1972	7	--	0.1	H	S	GA AG 27
337POCN	82.00	122	01/22/1973	4	1.0	0.0	H	S	GA AG 28
341HMPR	30.00	148	09/12/1972	2	1.0	0.0	H	S	GA AG 29
341JNGS	28.00	119	08/29/1972	7	1.0	0.1	H	S	GA AG 30
341HMPR	48.00	54	11/13/1972	6	1.0	0.1	H	S	GA AG 31
337POCN	80.00	97	10/16/1972	5	1.0	0.1	H	S	GA AG 32
337POCN	88.00	89	10/06/1972	10	1.0	0.1	H	S	GA AG 33
337POCN	52.00	121	09/19/1972	7	1.0	0.1	H	S	GA AG 34
337POCN	76.00	122	09/02/1972	6	1.0	0.0	H	S	GA AG 35
337POCN	136.00	87	09/12/1972	7	1.0	0.1	H	S	GA AG 36
337POCN	86.00	61	09/01/1972	6	1.0	0.1	H	S	GA AG 37
337POCN	39.00	164	07/12/1973	3	2.0	0.0	H	S	GA AG 38
331GRBR	72.00	124	01/16/1974	30	2.0	0.2	H	S	GA AG 39
324PVAG	--	--	--	--	--	--	--	S	GA AG 40
321CNMG	15.00	5	04/08/1950	22	2.0	4.4	C	J	GA BA 1
321CNMG	21.75	--	--	--	--	--	U	P	GA BA 3
321CNMG	--	--	08/02/1978	3	--	--	H	P	GA BA 6
321CNMG	10.00	40	11/24/1972	10	1.0	0.3	H	S	GA BA 10
321CNMG	63.00	192	11/06/1972	2	1.0	0.0	H	S	GA BA 11
321CNMG	112.00	398	11/10/1972	1	1.0	0.0	S,I	S	GA BA 12
321CNMG	83.00	352	02/27/1973	1	1.0	0.0	S,I	S	GA BA 13
321CNMG	28.00	62	10/04/1972	14	1.0	0.2	S,H,I	J	GA BA 14
321CNMG	23.00	52	10/03/1972	7	1.0	0.1	H,C	J	GA BA 15
321CNMG	8.00	75	08/17/1972	1	1.0	0.0	H	S	GA BA 16
324ALGN	28.14	--	--	--	--	--	U	P	GA BB 1
324ALGN	3.90	16	03/ /1946	40	2.0	2.5	U	--	GA BB 2
324ALGN	20.00	--	01/ /1950	21	2.0	--	C	J	GA BB 4
341HMPR	18.00	4	12/ /1950	8	1.0	2.0	H	--	GA BB 5
341HMPR	15.00	--	02/ /1951	18	2.0	--	H	--	GA BB 6
337POCN	20.00	--	11/ /1950	36	2.0	--	H	--	GA BB 7
331GRBR	5.00	180	01/ /1949	10	2.0	0.1	H	P	GA BB 9
321CNMG	18.00	42	10/ /1950	18	2.0	0.4	H	--	GA BB 10
341HMPR	14.00	10	02/ /1948	12	2.0	1.2	H	--	GA BB 11

WATER USE CODES

H DOMESTIC
S STOCK
U UNUSED
C COMMERCIAL
P PUBLIC SUPPLY
T INSTITUTION
I IRRIGATION

LIFT TYPE CODES

S SUBMERSIBLE
J JET
P PISTON

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA BB 12	--	FRAZEE, PAUL	A BRENNEMAN	1928	2520	86.00	6	--
GA BB 14	GA-73-0087	FRANZ, DALE W	W LAMBERSON	10/20/1972	1525	128.00	6	28
GA BB 15	GA-73-0020	TOWN OF FRIENDSVILLE	J BRENNEMAN	07/26/1972	1475	31.00	8	--
GA BB 16	GA-73-0183	HUFF, OAKEY	M TRESSLER	06/22/1973	1550	60.00	6	21
GA BB 17	GA-73-0160	CODDINGTON, VIOLET	G CARPENTER	11/29/1972	1680	235.00	6.63	21
GA BB 18	GA-73-0168	CODDINGTON, WALTER L	G CARPENTER	12/15/1972	1720	198.00	6.63	21
GA BB 19	GA-73-0159	TABOR, WAYNE	G CARPENTER	12/05/1972	1700	147.00	6.63	21
GA BB 20	GA-73-0156	JONES, WILLIAM A	G CARPENTER	11/24/1972	1805	122.00	6.63	23
GA BB 21	GA-73-0157	FRIEND, KENNETH	G CARPENTER	12/03/1972	1870	298.00	6.63	21
GA BB 22	GA-73-0258	SINES, MARVIN	J BRENNEMAN	06/06/1973	1830	300.00	6	18
GA BB 23	GA-73-0158	TEATS, GEORGE A	G CARPENTER	11/20/1972	1830	223.00	6.63	21
GA BB 24	GA-73-0933	CODDINGTON, VIOLET	G CARPENTER	10/15/1975	1735	271.00	6	23
GA BB 25	GA-73-0540	FIKE, CLAUDE	G FORD	03/29/1974	1890	110.00	6	21
GA BB 26	GA-73-0110	SNYDER, WARREN	J BRENNEMAN	10/26/1972	1890	158.00	6	41
GA BB 27	GA-73-0496	DEAL, EDWARD	M TRESSLER	03/20/1974	2335	103.00	6	21
GA BB 28	GA-73-0528	LOHR, RICHARD	J BRENNEMAN	03/15/1974	2540	120.00	5	40
GA BB 29	GA-67-0032	GARRETT CO ROADS	J BRENNEMAN	08/31/1966	2320	225.00	6	42
GA BB 30	GA-73-0622	BROADWATER, GARY	M TRESSLER	06/16/1974	2260	103.00	6	21
GA BB 31	GA-70-0002	GARRETT CO ROADS DEPT	J BRENNEMAN	08/09/1969	2350	405.00	8	22
GA BC 1	--	AULT, E H	--	1900	2415	20.00	--	--
GA BC 3	GA-00-5660	ZION CHURCH	A BRENNEMAN	04/ /1950	2400	157.00	6	40
GA BC 4	GA-00-5661	SPOERLEIN, F E	A BRENNEMAN	04/ /1950	2380	85.00	6	31
GA BC 5	GA-00-7334	COVE SCHOOL	A BRENNEMAN	08/ /1951	2430	401.00	--	--
GA BC 6	GA-00-1235	MD FISH HATCHERY	A BRENNEMAN	04/ /1947	2150	65.00	6	26
GA BC 7	GA-00-3677	VAN MARTER, T R	A BRENNEMAN	04/ /1949	2110	30.00	6	20
GA BC 8	GA-00-6693	MOSSER, CARL	A BRENNEMAN	11/ /1951	2360	110.00	6	26
GA BC 9	GA-00-6826	HUMBERSON, HARRY	A BRENNEMAN	10/ /1950	2390	100.00	6	30
GA BC 10	GA-00-4250	BROADWATER, ROY	A BRENNEMAN	07/ /1949	2390	100.00	6	59
GA BC 11	GA-00-5774	HAENTFLING, EARL	A BRENNEMAN	05/ /1950	2375	55.00	--	--
GA BC 12	GA-00-6825	KAMP, HARRISON	A BRENNEMAN	10/ /1950	2375	55.00	6	26
GA BC 13	GA-00-6837	SMITH, ROSIE	A BRENNEMAN	10/ /1950	2420	100.00	6	31
GA BC 14	GA-00-1236	GARRETT CO ROADS DEPT	A BRENNEMAN	04/ /1947	2390	101.00	6	22
GA BC 15	GA-00-2302	CUSTER, THOMAS	A BRENNEMAN	03/ /1948	2400	100.00	6	20
GA BC 16	GA-00-6692	WILT, CHARLES	A BRENNEMAN	11/ /1951	2320	130.00	6	22
GA BC 18	GA-00-8026	CASSELMAN SCHOOL	DILLEY	05/ /1951	2710	114.00	6	15
GA BC 20	GA-00-8311	RESH, CECIL	TRESSLER	07/ /1951	2670	100.00	6	--
GA BC 22	--	BEITZEL, JACOB	TRESSLER	1930	2700	32.00	6	19
GA BC 25	GA-00-9908	DEWITT, CHARLES	A BRENNEMAN	04/ /1952	2430	100.00	6	40
GA BC 26	GA-01-0390	RICHTER, VERNON	TRESSLER	06/25/1952	2460	143.00	6	24
GA BC 27	--	BEITZEL, RAYMOND	TRESSLER	09/ /1952	2560	123.00	6	40
GA BC 28	--	COVE SCHOOL	DILLEY	1951	2450	--	--	--
GA BC 29	GA-01-0894	COVE SCHOOL	A BRENNEMAN	11/ /1952	2430	600.00	8	68
GA BC 30	GA-65-0275	FRANTZ, WAYNE	D DILLEY	11/04/1965	2350	181.00	6	34
GA BC 31	GA-65-0206	ST. PAUL'S CHURCH	J BRENNEMAN	05/25/1965	2390	150.00	6	68
GA BC 32	GA-73-0113	KOLB, PAUL	G CARPENTER	11/05/1972	2430	182.00	6.63	47
GA BC 33	GA-73-0149	FAZENBAKER, JOHN H	J BRENNEMAN	12/22/1972	1975	139.00	6	20
GA BC 34	GA-73-0533	RODEHEAVER, DONALD	J BRENNEMAN	05/04/1974	2480	225.00	6	53
GA BC 35	GA-73-0280	BEILER, RONALD	D DILLEY	07/08/1972	2630	48.00	5	21
GA BC 36	GA-73-0048	BRENNEMAN, ALVIN	C DILLEY	09/08/1972	2765	85.00	6	19
GA BC 37	GA-73-0326	MOSSER, CARL	J BRENNEMAN	07/07/1973	2390	105.00	6	41
GA BC 38	GA-73-0527	GARRETT CO ROADS DEPT	J BRENNEMAN	02/01/1974	2375	405.00	6	57
GA BC 39	GA-73-0407	HOOVER, HARRY C	G FORD	09/21/1973	2385	180.00	6	22
GA BC 41	GA-73-0559	DOLAND, RONALD	J BRENNEMAN	04/24/1972	2450	255.00	6	43
GA BC 42	GA-73-0065	GLASS, CRESS	D DILLEY	10/07/1972	2410	164.00	5	23
GA BC 43	GA-73-0193	FRATZ, JAMES	G CARPENTER	04/12/1973	2280	280.00	6.63	21
GA BC 44	GA-68-0089	BRENNEMAN, JOHN J	J BRENNEMAN	12/16/1967	2455	200.00	9	39
GA BC 45	GA-65-0176	CHERRY GLADE CHURCH	W BRADLEY	02/23/1965	2725	48.00	6	42
GA BC 46	GA-72-0257	TOWN OF ACCIDENT	J BRENNEMAN	09/19/1972	2370	300.00	8	59
GA BC 47	GA-72-0276	TOWN OF ACCIDENT	J BRENNEMAN	09/28/1972	2350	300.00	8	57
GA BC 48	GA-73-1036	NORTHERN MIDDLE SCH	J BRENNEMAN	11/14/1975	2080	607.00	8	42

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
324PSVL	--	--	--	--	--	--	H	--	GA BB 12
321CNMG	40.00	78	10/20/1972	30	1.0	0.4	H	S	GA BB 14
324PVAG	--	--	--	--	--	--	U	--	GA BB 15
324PVAG	12.00	48	06/22/1973	6	1.0	0.1	U	--	GA BB 16
321CNMG	140.00	40	11/29/1972	3	1.0	0.1	H	S	GA BB 17
321CNMG	60.00	90	12/15/1972	3	1.0	0.0	H	S	GA BB 18
324PVAG	70.00	40	12/05/1972	10	1.0	0.3	H	S	GA BB 19
321CNMG	50.00	50	11/24/1972	4	1.0	0.1	H	S	GA BB 20
321CNMG	80.00	218	12/03/1972	1	1.0	0.0	H	S	GA BB 21
321CNMG	73.00	227	06/06/1973	1	1.0	0.0	H	S	GA BB 22
321CNMG	80.00	80	11/20/1972	3	1.0	0.0	H	S	GA BB 23
321CNMG	150.00	110	10/15/1975	7	0.5	0.1	H	S	GA BB 24
341HMPR	3.00+	113	03/29/1974	12	1.0	0.1	H	S	GA BB 25
341HMPR	57.00	101	10/26/1972	3	1.0	0.0	H	S	GA BB 26
341HMPR	48.00	--	03/20/1974	8	1.0	--	H	S	GA BB 27
337POCN	16.00	104	03/15/1974	6	1.0	0.1	H	S	GA BB 28
331GRBR	83.00	--	--	--	--	--	N	S	GA BB 29
337POCN	0.00	0	06/16/1974	50	1.0	50.0	H	S	GA BB 30
337POCN	21.00	--	08/09/1969	10	--	--	R	S	GA BB 31
341HMPR	15.82	--	--	--	--	--	H	B	GA BC 1
341HMPR	14.00	131	04/27/1950	5	2.0	0.0	H	J	GA BC 3
341HMPR	20.00	10	04/21/1950	22	2.0	2.2	H	--	GA BC 4
341HMPR	384.00	14	08/ /1951	2	4.0	0.1	U	--	GA BC 5
341HMPR	10.00	--	04/ /1947	40	2.0	--	H	--	GA BC 6
341HMPR	18.00	--	04/ /1949	24	2.0	--	H	J	GA BC 7
341HMPR	30.00	35	11/ /1951	10	2.0	0.3	H	--	GA BC 8
341HMPR	22.00	78	10/09/1950	18	2.0	0.2	H	--	GA BC 9
341HMPR	30.00	--	07/ /1949	24	2.0	--	H	--	GA BC 10
341HMPR	6.00	14	05/ /1950	20	2.0	1.4	H	--	GA BC 11
341HMPR	20.00	--	10/12/1950	36	2.0	--	H	--	GA BC 12
341HMPR	22.00	--	10/ /1950	18	2.0	--	H	--	GA BC 13
341HMPR	8.00	4	04/ /1947	15	2.0	3.8	H	--	GA BC 14
341HMPR	20.00	--	03/ /1948	25	2.0	--	H	--	GA BC 15
341HMPR	60.00	--	11/10/1951	36	2.0	--	H	--	GA BC 16
321CNMG	20.00	50	05/15/1951	8	2.0	0.2	T	P	GA BC 18
337POCN	--	--	07/ /1951	1	--	--	U	--	GA BC 20
324PVAG	6.00	--	--	--	--	--	H	--	GA BC 22
341HMPR	6.00	29	04/ /1952	10	2.0	0.3	H	--	GA BC 25
341HMPR	85.00	45	06/25/1952	5	--	0.1	H	--	GA BC 26
321CNMG	--	--	--	--	--	--	H	--	GA BC 27
341HMPR	--	--	--	--	--	--	U	--	GA BC 28
341HMPR	163.00	174	11/ /1952	22	24.0	0.1	T	--	GA BC 29
341HMPR	60.00	100	11/04/1965	8	2.0	0.1	C	S	GA BC 30
341HMPR	41.00	--	--	--	--	--	T	S	GA BC 31
341HMPR	90.00	65	11/05/1972	6	0.5	0.1	H	S	GA BC 32
341HMPR	18.00	121	12/22/1972	5	1.0	0.0	H	S	GA BC 33
341HMPR	33.00	192	05/04/1974	4	1.0	0.0	H	S	GA BC 34
321CNMG	15.00	15	07/08/1972	15	2.0	1.0	H	S	GA BC 35
321CNMG	60.00	15	09/08/1972	5	3.0	0.3	H	S	GA BC 36
341HMPR	24.00	81	07/07/1973	10	1.0	0.1	H	S	GA BC 37
341HMPR	170.00	235	02/01/1974	8	1.0	0.0	T	S	GA BC 38
341HMPR	22.00	158	09/21/1973	8	1.0	0.1	H	S	GA BC 39
341HMPR	63.00	192	04/24/1972	3	1.0	0.0	H	S	GA BC 41
341HMPR	35.00	105	10/07/1972	8	4.0	0.1	H	S	GA BC 42
341HMPR	200.00	55	04/12/1973	50	0.5	0.9	H	S	GA BC 43
341HMPR	66.00	--	--	--	--	--	U	--	GA BC 44
324PVAG	21.00	27	02/23/1965	13	5.0	0.5	H	S	GA BC 45
341HMPR	14.00	68	09/19/1972	57	58.0	0.8	P	S	GA BC 46
341HMPR	10.00	66	09/28/1972	52	33.0	0.8	P	S	GA BC 47
341HMPR	53.00	471	11/14/1975	25	25.0	0.1	T	S	GA BC 48

WATER USE CODES

H DOMESTIC
U UNUSED
N INDUSTRIAL
R RECREATION
T INSTITUTION
C COMMERCIAL
P PUBLIC SUPPLY

LIFT TYPE CODES

S SUBMERSIBLE
B BUCKET
J JET
P PISTON

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA BD 1	GA-00-5696	HETRICK, CLARK	TRESSLER	05/ /1950	2690	54.00	6	19
GA BD 2	GA-00-6718	BEITZEL, LAWRENCE	TRESSLER	09/ /1950	2610	80.00	6	30
GA BD 3	--	WILBURN, JASON	--	1945	2300	70.00	6	--
GA BD 8	GA-00-8720	BITTENGER, WALTER	TRESSLER	09/ /1951	2490	43.00	6	20
GA BD 10	GA-00-9836	HUTZEL, MAHLON	TRESSLER	04/ /1952	2650	86.00	6	24
GA BD 11	GA-02-2223	YODER, IRWIN	R TRESSLER	02/24/1956	2670	101.00	6	--
GA BD 12	GA-65-0254	EMORY, LEROY	M TRESSLER	06/19/1965	2670	57.00	6	34
GA BD 13	GA-70-0055	MACDONALD, DUNCAN	M TRESSLER	10/23/1969	2590	44.00	6	21
GA BD 14	GA-70-0137	LOWRY, FENTON	M TRESSLER	07/17/1970	2595	80.00	6	28
GA BD 15	GA-05-1198	BENDER, HARVEY	D DILLEY	05/14/1963	2690	61.00	6	23
GA BD 16	GA-02-6356	YASTE, IRA O	M TRESSLER	04/05/1957	2690	85.00	6	44
GA BD 17	GA-73-0569	SEALING, DONALD	M TRESSLER	04/07/1974	2665	176.00	6	21
GA BD 18	GA-71-0213	BEITZEL, CLARK	M TRESSLER	07/20/1971	2790	63.00	6	21
GA BD 19	GA-73-0222	SPEICHER, WILLIAM	J BRENNEMAN	05/03/1973	2550	258.00	6	36
GA BD 20	GA-73-1184	MAGUE, JAMES A	G CARPENTER	06/29/1976	2560	195.00	6	21
GA BD 21	GA-70-0019	MINER, VICTOR R	J BRENNEMAN	12/19/1969	2560	105.00	4.50	105
GA BD 22	GA-69-0119	SCHOFIELD, BRIAN	M TRESSLER	06/12/1969	2670	120.00	5.63	22
GA BD 23	GA-70-0006	BEITZEL, OLEN	M TRESSLER	07/31/1969	2685	162.00	6	22
GA BD 24	GA-02-5923	BUCKEL, BLAIR	J BRENNEMAN	02/11/1957	2690	65.00	5.63	30
GA BD 25	GA-71-0153	YODER, PAUL	M TRESSLER	05/06/1971	2655	185.00	6	21
GA BD 26	GA-73-0260	MILLER, JOE	M TRESSLER	05/12/1973	2620	63.00	6	21
GA BD 27	GA-73-0553	BRENNEMEN, ELMER	C DILLEY	05/01/1974	2710	55.00	6	21
GA BD 28	GA-73-0645	ERLEM, STACY	J BRENNEMAN	07/20/1974	2520	278.00	6	77
GA BD 29	GA-73-1163	STANTON, JOHN E	G CARPENTER	05/18/1976	2495	123.00	6	21
GA BD 30	GA-73-0566	GILPIN, DAVID	M TRESSLER	04/19/1974	2505	145.00	6	21
GA BD 31	GA-73-0452	LOWRY, CARRIE	M TRESSLER	11/20/1973	2520	145.00	6	21
GA BD 32	GA-73-0126	SMITH, MELVIN E	M TRESSLER	12/11/1972	2700	110.00	6	21
GA BD 33	GA-73-0230	ROSENTHAL, DAVID	M TRESSLER	06/01/1973	2545	84.00	6	21
GA BD 34	GA-73-0226	STEPHENS, JIM C	C DILLEY	04/14/1973	2615	115.00	6	23
GA BD 35	GA-73-0975	DICE, KENNETH D	G FORD	08/06/1975	2535	120.00	7	76
GA BD 36	GA-01-2726	BITTINGER, CALVIN R	J SKIPPER	07/03/1953	2695	82.00	6	20
GA BD 37	GA-02-4412	KELLISON, CECIL L	J TRESSLER	09/25/1956	2690	60.00	6	21
GA BD 41	GA-73-0491	DURST, CALVIN	M TRESSLER	03/06/1974	2680	83.00	6	21
GA BD 43	GA-73-0063	WILT, RUSSELL	D DILLEY	09/05/1972	2220	76.00	5	21
GA BD 44	GA-73-0498	DEFALCO, EDWARD	M TRESSLER	11/17/1973	2580	185.00	6	21
GA BD 45	GA-73-0763	WILEY, HAROLD	M TRESSLER	11/02/1974	2190	63.00	6	23
GA BD 46	GA-73-0523	MASON, HARRY	M TRESSLER	12/27/1973	2320	63.00	6	21
GA BD 47	GA-73-0773	DURST, CLARK	M TRESSLER	10/29/1974	2210	64.00	6	25
GA BD 48	GA-73-1207	MOORE, PAUL D	G FORD	08/13/1976	2580	60.00	7	21
GA BD 49	GA-73-1281	BEITZEL, MARGE	G CARPENTER	10/11/1976	2785	73.00	6	28
GA BD 50	GA-73-0937	WHEATLY, ALBERT	M TRESSLER	09/06/1975	2530	83.00	6	21
GA BD 51	GA-73-0869	BRETHERN CHURCH	M TRESSLER	06/18/1975	2660	103.00	6	21
GA BD 52	GA-01-7397	HARBISON-WALKER REFRA	J BRENNEMAN	01/28/1955	2180	165.00	8	51
GA BE 1	--	MD DEPT FORESTS & PKS	WASHINGTON	1938	2560	196.00	6	4
GA BE 4	GA-00-8025	NEW GERMANY SCH	DILLEY	05/ /1951	2530	83.00	6	15
GA BE 9	GA-73-0135	WILEY, KENNETH	M TRESSLER	04/10/1973	2695	118.00	6	61
GA BE 10	GA-72-0008	CELLITO, GUIDO	D DILLEY	11/17/1972	2690	108.00	5	23
GA BE 11	GA-73-0084	FAZENBAKER, RONNIE	G CARPENTER	11/11/1972	2695	97.00	6.60	50
GA BE 12	GA-73-0088	BAKER, CLEDA L	G CARPENTER	10/05/1972	2695	72.00	6.60	50
GA BE 13	GA-73-0358	NEW GERMANY ST PARK	L FORD	08/24/1973	2560	123.00	6	62
GA BE 14	GA-73-0573	HUMMEL, HARRY	M TRESSLER	09/02/1974	2585	185.00	6	23
GA BE 15	GA-73-0481	WARNICK, MAHLON	M TRESSLER	03/16/1974	2580	165.00	6	21
GA BE 16	GA-73-0692	PLATTER, DONALD	M TRESSLER	07/26/1974	2450	144.00	6	21
GA BF 2	GA-00-3860	ST ANNES SCHOOL	IRWIN	04/ /1949	2630	63.00	6	11
GA BF 3	GA-00-5998	TURNER, JAMES B	TRESSLER	06/ /1950	2629	218.00	6	24
GA BF 4	GA-00-3904	CAMP, OTIS	IRWIN	05/ /1949	2640	115.00	6	13
GA BF 5	--	WARNICK, PARKER	--	1905	2420	102.00	6	18
GA BF 8	--	WEIR, WILLIAM	--	1895	2550	20.00	42	--
GA BF 9	GA-00-8518	TIPTON, SAMUEL	TRESSLER	09/ /1951	2690	103.00	6	17
GA BF 10	GA-73-0085	GARLITZ, ELLIS C	G FORD	09/22/1972	2530	148.00	6	21

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
321CNMG	30.00	--	05/ /1950	8	--	--	H	--	GA BD 1
321CNMG	49.00	--	09/ /1950	10	--	--	H	--	GA BD 2
321CNMG	--	--	--	--	--	--	H	P	GA BD 3
321CNMG	24.00	3	09/ /1951	5	--	1.7	H	--	GA BD 8
324ALGN	8.00	2	04/17/1952	6	--	3.0	H	--	GA BD 10
321CNMG	40.00	10	02/24/1956	12	1.0	1.2	H	J	GA BD 11
321CNMG	37.00	3	06/19/1965	12	--	4.0	H	S	GA BD 12
321CNMG	18.00	--	--	8	--	--	H	J	GA BD 13
321CNMG	25.00	--	07/17/1970	7	1.0	--	H	S	GA BD 14
321CNMG	15.00	27	05/14/1963	10	2.0	0.4	H	S	GA BD 15
321CNMG	20.00	10	04/05/1957	24	--	2.4	H	S	GA BD 16
321CNMG	70.00	--	04/07/1974	6	1.0	--	H	S	GA BD 17
321CNMG	23.00	--	07/20/1971	8	1.0	--	H	S	GA BD 18
321CNMG	10.00	248	05/03/1973	1	1.0	0.0	H	S	GA BD 19
324PVAG	70.00	125	06/29/1976	2	0.5	0.0	H	S	GA BD 20
324PVAG	12.00	--	12/19/1969	10	1.0	--	S	S	GA BD 21
321CNMG	80.00	--	06/12/1969	30	1.0	--	H	S	GA BD 22
321CNMG	62.00	--	07/31/1969	4	1.0	--	H	S	GA BD 23
321CNMG	19.00	--	02/11/1957	5	--	--	H	S	GA BD 24
321CNMG	7.00	--	05/06/1971	4	2.0	--	H	S	GA BD 25
321CNMG	18.00	--	05/12/1973	8	1.0	--	H	S	GA BD 26
321CNMG	30.00	25	05/01/1974	5	1.0	0.2	H	S	GA BD 27
321CNMG	78.00	200	07/20/1974	5	1.0	0.0	H	S	GA BD 28
321CNMG	64.00	59	05/18/1976	60	0.5	1.0	H	S	GA BD 29
321CNMG	32.00	--	04/19/1974	5	1.0	--	H	S	GA BD 30
321CNMG	1.00+	--	--	--	--	--	H	S	GA BD 31
321CNMG	75.00	--	12/11/1972	20	1.0	--	H	S	GA BD 32
321CNMG	24.00	--	06/01/1973	6	1.0	--	H	S	GA BD 33
321CNMG	60.00	50	04/14/1973	5	2.0	0.1	H	S	GA BD 34
321CNMG	30.00	90	08/06/1975	8	--	0.1	H	S	GA BD 35
321CNMG	20.00	60	07/03/1953	8	1.0	0.1	H	S	GA BD 36
321CNMG	30.00	10	09/25/1956	15	--	1.5	H	S	GA BD 37
324PVAG	0.00	--	03/06/1974	8	1.0	--	H	S	GA BD 41
321CNMG	20.00	25	09/05/1972	10	2.0	0.4	U	--	GA BD 43
321CNMG	68.00	--	11/17/1973	5	1.0	--	H	S	GA BD 44
321CNMG	4.00	--	11/02/1974	7	1.0	--	H	S	GA BD 45
321CNMG	36.00	--	12/27/1973	8	1.0	--	H	S	GA BD 46
321CNMG	14.00	--	10/29/1974	6	1.0	--	H	S	GA BD 47
321CNMG	11.00	49	08/13/1976	5	2.0	0.1	H	S	GA BD 48
324PVAG	40.00	20	10/11/1976	15	0.5	0.8	H	S	GA BD 49
321CNMG	28.00	--	09/06/1975	8	1.0	--	H	S	GA BD 50
324PVAG	32.00	--	06/18/1975	15	1.0	--	T	S	GA BD 51
321CNMG	5.00	125	01/28/1955	45	10.0	0.4	N	A	GA BD 52
337POCN	--	--	07/ /1950	45	--	--	R	P	GA BE 1
337POCN	0.00	15	05/08/1951	15	2.0	1.0	T	P	GA BE 4
324PVAG	FLOWING	--	04/10/1973	4	1.0	--	H	S	GA BE 9
324PVAG	50.00	15	11/17/1972	20	3.0	1.3	H	S	GA BE 10
324PVAG	20.00	40	11/11/1972	10	0.5	0.3	H	S	GA BE 11
324PVAG	20.00	35	10/05/1972	10	0.5	0.3	H	S	GA BE 12
331GRBR	47.00	76	08/24/1973	39	3.0	0.5	R	S	GA BE 13
341HMPR	60.00	--	09/02/1974	12	1.0	--	I	S	GA BE 14
341HMPR	42.00	--	03/16/1974	8	1.0	--	H	S	GA BE 15
337POCN	90.00	--	07/26/1974	6	1.0	--	H	S	GA BE 16
341HMPR	38.00	4	04/ /1949	3	10.0	0.8	T	P	GA BF 2
341JNGS	195.00	--	06/ /1950	4	--	--	H	--	GA BF 3
341HMPR	35.00	25	05/ /1949	2	6.0	0.1	H	--	GA BF 4
341HMPR	60.00	--	--	--	--	--	H	P	GA BF 5
321CNMG	12.00	--	--	--	--	--	--	B	GA BF 8
341JNGS	--	--	09/ /1951	1	--	--	H	B	GA BF 9
341HMPR	15.00	133	09/22/1972	8	1.0	0.1	H	S	GA BF 10

WATER USE CODES

H DOMESTIC
S STOCK
U UNUSED
T INSTITUTION
N INDUSTRIAL
R RECREATION
I IRRIGATION

LIFT TYPE CODES

P PISTON
J JET
S SUBMERSIBLE
A AIR
B BUCKET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA BF 11	GA-73-0153	TURNER, RONALD R	J BRENNEMAN	12/27/1972	2700	405.00	6	40
GA BF 12	GA-73-0331	DI PAOLO, DINO	J BRADLEY	06/26/1973	1755	60.00	6	19
GA BF 13	GA-73-0476	MCGREGOR, JAMES H	J BRADLEY	10/22/1973	1765	55.00	6	20
GA BF 14	GA-73-0286	MERRILL, DELWOOD	J BRADLEY	06/25/1973	1795	82.00	6	30
GA BF 15	GA-73-0488	MT LODGE 40	G FORD	11/14/1973	2435	280.00	6	21
GA BF 16	GA-73-0236	MILLER, EUGENE D	G FORD	05/02/1973	2485	300.00	6	30
GA BF 17	GA-73-0235	MILLER, GERALD A	G FORD	05/02/1973	2620	100.00	6	18
GA BF 18	GA-73-0295	CROWE, ELLIS C	L FORD	07/27/1973	2570	353.00	6	35
GA BF 19	GA-73-0198	CARPENTER, F L	L FORD	01/10/1973	2580	523.00	6	21
GA BF 20	--	LONACONING BOYS CAMP	M TRESSLER	--	2695	200.00	--	--
GA BF 21	GA-68-0125	LONACONING BOYS CAMP	R BRADLEY	01/04/1968	2695	350.00	6	35
GA BF 22	GA-73-1181	LONACONING BOYS CAMP	L FORD	06/01/1976	2690	212.00	6	20
GA BF 23	GA-70-0036	B & B STONE CO	M TRESSLER	09/25/1969	2655	100.00	6	44
GA BF 24	GA-70-0057	B & B STONE CO	M TRESSLER	10/10/1969	2655	100.00	6	47
GA BG 1	GA-00-9413	LONACONING WATER CO	C BUSER	06/23/1953	1990	1276.00	8	58
GA BG 2	--	U S BUREAU OF MINES	PA DRILLING	1946	2000	1127.00	2.13	--
GA BG 3	GA-73-0648	STEELE, EILEEN	L FORD	06/19/1974	2770	103.00	6	19
GA CA 1	GA-00-7290	THOMAS, SAM	A BRENNEMAN	02/ /1951	2000	45.00	--	21
GA CA 2	--	HINEBAUGH, JOHN H	--	1861	2030	86.00	--	--
GA CA 3	GA-73-0263	SPIKER, ADRIAN	G CARPENTER	06/10/1973	2610	138.00	6	42
GA CA 4	GA-73-0246	JAMES, ROSS R	G CARPENTER	05/12/1973	2630	87.00	6.63	23
GA CA 5	GA-73-0745	MONAR, JEROME	G CARPENTER	11/27/1974	2605	112.00	6	42
GA CA 6	GA-73-0024	HETRICH, WILLIAM	G CARPENTER	08/30/1972	2675	133.00	6.63	31
GA CA 7	GA-73-0062	KNUTSON, ARNOLD R	G CARPENTER	09/02/1972	2715	255.00	6.63	22
GA CA 8	GA-73-0032	RHODES, JANET	G CARPENTER	09/18/1972	2725	175.00	6.25	30
GA CA 9	GA-73-0492	VANCE, KENNETH	G CARPENTER	11/16/1973	2735	173.00	6	23
GA CA 10	GA-73-0031	DRAGOO, JOHN	G CARPENTER	08/25/1972	2685	247.00	6.25	21
GA CA 11	GA-73-0554	SCARNATI, SAM	G CARPENTER	07/27/1974	2610	173.00	6	21
GA CA 12	GA-73-0195	HAMILTON, PAUL	G CARPENTER	03/15/1973	2650	223.00	6.62	23
GA CA 13	GA-73-0747	WARREN, VIVIAN	G CARPENTER	02/09/1975	2600	148.00	6	55
GA CA 14	GA-73-0262	WOLFE, MARK	G CARPENTER	07/10/1973	2650	147.00	6	23
GA CA 15	GA-73-0346	NARDI, DOMENIC	G CARPENTER	08/05/1973	2650	197.00	6	49
GA CA 16	GA-73-0061	KANZELMEYER, JAMES	G CARPENTER	09/08/1972	2670	92.00	6.63	21
GA CA 17	GA-73-0321	RILEY, PAUL	G. CARPENTER	07/10/1973	2690	97.00	6	22
GA CA 18	GA-73-0203	HINNIE, ALBERT	G CARPENTER	04/09/1973	2700	197.00	6.62	23
GA CA 19	GA-73-0202	FREDERICK, HERMAN	G CARPENTER	04/29/1973	2695	147.00	6.62	23
GA CA 20	GA-73-0218	COOK, JAY E	G CARPENTER	05/02/1973	2720	247.00	6.63	22
GA CA 21	GA-73-0010	ZYLA, LOUIS M	G CARPENTER	08/06/1972	2680	223.00	6.62	21
GA CA 22	GA-73-0074	GALLAGHER, JOHN L	G CARPENTER	09/21/1972	2655	197.00	6.25	21
GA CA 23	GA-73-0080	SCHMIDT, FRED	G CARPENTER	09/19/1972	2660	222.00	6.25	21
GA CA 24	GA-73-0657	SNIDDLE, WILLIAM	G CARPENTER	08/20/1974	2650	272.00	6	39
GA CA 25	GA-73-0413	IRMINGER, RAYMOND	G CARPENTER	08/15/1973	2620	222.00	6.63	114
GA CA 26	GA-73-0029	MCCASSLIN, RICHARD	G CARPENTER	01/27/1973	2580	297.00	6	24
GA CA 27	GA-73-0516	SHEARER, GEORGE	G CARPENTER	04/07/1974	2710	222.00	6	21
GA CA 28	GA-73-0580	MILLER, ROBERT	G CARPENTER	05/20/1974	2680	297.00	6	21
GA CA 29	GA-73-0616	WAGNER, THOBURN	G CARPENTER	06/28/1974	2665	297.00	6	30
GA CA 30	GA-73-0651	MCIVER, WALTER	G CARPENTER	08/10/1974	2640	197.00	6	21
GA CA 31	GA-73-0630	IVANOWSKI, JOHN	G CARPENTER	09/15/1974	2655	172.00	6	39
GA CA 32	GA-73-0471	BERGER, ERICH W	C DILLEY	05/20/1974	2620	100.00	6	20
GA CA 33	GA-73-0434	CROCKER, H J	G CARPENTER	10/24/1973	2645	148.00	6	22
GA CA 34	GA-73-0743	DURALL, GEORGE	G CARPENTER	11/06/1974	2635	297.00	6	21
GA CA 35	GA-73-0617	PETRARCA, JOHN A	G CARPENTER	08/26/1974	2640	147.00	6	30
GA CA 36	GA-73-0466	GARDENIER, ROBERT R	G CARPENTER	01/12/1974	2625	198.00	6	23
GA CA 37	GA-73-0565	VIGLIONE, ANTHOY F	M TRESSLER	04/17/1974	2715	145.00	6	21
GA CA 38	GA-73-0396	GABBERT, HARLIE	G CARPENTER	08/20/1973	2650	129.00	6.63	28
GA CA 39	GA-73-0772	BETZ, JUNE	G CARPENTER	11/15/1974	2550	297.00	6	31
GA CA 40	GA-73-0238	DEEMER, LARRY	G CARPENTER	04/26/1973	2620	210.00	6.63	23
GA CA 41	GA-73-0369	MCFARLAND, THOMAS	G CARPENTER	09/25/1973	2565	162.00	6	23
GA CA 42	GA-73-0453	SILL, BLAIR	G CARPENTER	01/10/1974	2540	247.00	6	21
GA CA 43	GA-73-0508	WATSON, EDWARD	G CARPENTER	12/05/1974	2535	195.00	6	24

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341JNGS	111.00	294	12/27/1972	2	1.0	0.0	H	S	GA BF 11
341JNGS	10.00	--	06/26/1973	5	1.0	--	H	S	GA BF 12
341JNGS	--	--	10/22/1973	4	1.0	--	H	S	GA BF 13
341JNGS	15.00	--	06/25/1973	5	1.0	--	H	S	GA BF 14
341JNGS	10.00	270	11/14/1973	10	1.0	0.0	T	S	GA BF 15
341HMPR	31.00	69	05/02/1973	2	2.0	0.0	H	S	GA BF 16
341HMPR	22.00	78	05/02/1973	13	2.0	0.2	H	S	GA BF 17
341HMPR	78.00	275	07/27/1973	5	2.0	0.0	H	S	GA BF 18
341HMPR	33.00	490	01/10/1973	40	3.0	0.1	H	S	GA BF 19
324ALGN	--	--	--	--	--	--	U	S	GA BF 20
321CNMG	45.00	305	01/04/1968	8	1.0	0.0	U	--	GA BF 21
321CNMG	44.00	168	06/01/1976	71	2.0	0.4	T	S	GA BF 22
331GRBR	12.00	--	09/25/1969	20	1.0	--	C	S	GA BF 23
337POCN	18.00	--	10/10/1969	20	1.0	--	H	S	GA BF 24
324ALGN	0.00	--	06/23/1953	5	--	--	U	--	GA BG 1
321CNMG	0.00	--	1946	150	--	--	U	--	GA BG 2
331MCCK	19.00	84	06/19/1974	6	5.0	0.1	H	S	GA BG 3
331GRBR	20.00	5	02/ /1951	18	2.0	3.6	H	--	GA CA 1
331GRBR	--	--	--	--	--	--	H	J	GA CA 2
324PSVL	100.00	25	06/10/1973	30	0.5	1.2	H	S	GA CA 3
324PSVL	40.00	24	05/12/1973	15	0.5	0.6	H	S	GA CA 4
324PVAG	90.00	--	11/27/1974	30	0.5	--	H	S	GA CA 5
324PVAG	110.00	--	08/30/1972	5	0.5	--	H	S	GA CA 6
324PVAG	225.00	--	09/02/1972	5	0.5	--	H	S	GA CA 7
324PVAG	140.00	35	09/18/1972	3	0.5	0.1	H	S	GA CA 8
324PVAG	125.00	25	11/16/1973	7	0.5	0.3	H	S	GA CA 9
324PVAG	200.00	47	08/25/1972	4	0.5	0.1	H	S	GA CA 10
324PVAG	120.00	--	07/27/1974	4	1.0	--	H	S	GA CA 11
324PVAG	150.00	45	03/15/1973	30	0.5	0.7	H	S	GA CA 12
324PVAG	60.00	50	02/09/1975	20	0.5	0.4	H	S	GA CA 13
324PSVL	70.00	45	07/10/1973	20	0.5	0.4	H	S	GA CA 14
324PVAG	50.00	147	08/05/1973	3	0.5	0.0	H	S	GA CA 15
324PVAG	82.00	--	09/08/1972	50	0.5	--	H	S	GA CA 16
324PVAG	60.00	17	07/10/1973	40	0.5	2.4	H	S	GA CA 17
324PVAG	70.00	102	04/09/1973	5	0.5	0.0	H	S	GA CA 18
324PVAG	100.00	47	04/29/1973	50	0.5	1.1	H	S	GA CA 19
324PSVL	100.00	125	05/02/1973	50	0.5	0.4	H	S	GA CA 20
324PVAG	150.00	0	08/06/1972	3	0.5	3.0	H	S	GA CA 21
324PVAG	150.00	47	09/21/1972	4	0.5	0.1	H	S	GA CA 22
324PVAG	100.00	122	09/19/1972	2	0.5	0.0	H	S	GA CA 23
324PVAG	122.00	103	08/20/1974	6	0.5	0.1	H	S	GA CA 24
324PVAG	125.00	69	08/15/1973	35	0.5	0.5	H	S	GA CA 25
324PVAG	90.00	207	01/27/1973	1	0.5	0.0	H	S	GA CA 26
324PVAG	100.00	--	04/07/1977	4	1.0	--	H	S	GA CA 27
324PVAG	70.00	227	05/20/1974	2	0.5	0.0	H	S	GA CA 28
324PVAG	50.00	247	06/28/1974	1	0.5	0.0	H	S	GA CA 29
324PVAG	95.00	60	08/10/1974	5	0.5	0.1	H	S	GA CA 30
324PVAG	70.00	102	09/15/1974	3	0.5	0.0	H	S	GA CA 31
324PVAG	50.00	20	05/20/1974	10	3.0	0.5	H	S	GA CA 32
324PVAG	90.00	30	10/24/1973	6	0.5	0.2	H	S	GA CA 33
324PVAG	270.00	--	11/06/1974	8	0.5	--	H	S	GA CA 34
324PVAG	100.00	47	08/26/1974	6	0.5	0.1	H	S	GA CA 35
324PVAG	100.00	65	01/12/1974	5	0.5	0.1	H	S	GA CA 36
324PVAG	45.00	--	04/17/1974	6	0.5	--	H	S	GA CA 37
324PVAG	85.00	19	08/20/1973	8	0.5	0.4	H	S	GA CA 38
324PVAG	150.00	147	11/15/1974	3	0.5	0.0	H	S	GA CA 39
324PSVL	170.00	10	04/26/1973	6	0.5	0.6	H	S	GA CA 40
324PVAG	100.00	25	09/25/1973	4	0.5	0.2	H	S	GA CA 41
324PVAG	125.00	95	01/10/1974	8	0.5	0.1	H	S	GA CA 42
324PVAG	110.00	60	12/05/1974	20	0.5	0.3	H	S	GA CA 43

WATER USE CODES

H DOMESTIC
T INSTITUTION
U UNUSED
C COMMERCIAL

LIFT TYPE CODES

S SUBMERSIBLE
J JET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA CA 44	GA-73-0632	WEIR, JAMES T	G CARPENTER	08/21/1974	2525	180.00	6	22
GA CA 45	GA-73-0464	GRAY, JOHN	G CARPENTER	03/07/1974	2515	147.00	6	27
GA CA 46	GA-73-0384	PINEY MTN CORP	G CARPENTER	01/27/1974	2500	147.00	6	32
GA CA 47	GA-73-0509	DODGE, HARLAN	G CARPENTER	04/24/1974	2625	148.00	6	48
GA CA 48	GA-73-0014	DODGE, HARLAN	C DILLEY	09/15/1972	2625	22.00	6	22
GA CA 49	GA-73-0638	SAVAGE, CECIL	G CARPENTER	08/10/1974	2700	297.00	6	21
GA CA 50	GA-73-1390	PINEY MTN CORP	G CARPENTER	04/28/1977	2590	497.00	6	33
GA CA 53	GA-73-0892	PARKER, JOHN	G CARPENTER	09/27/1975	2680	190.00	6	45
GA CB 1	GA-00-6632	DOLENCE, JACOB	A BRENNEMAN	09/ /1950	2480	40.00	6	23
GA CB 2	GA-00-4703	RINGER, DWARL	A BRENNEMAN	09/ /1949	2490	110.00	6	36
GA CB 3	GA-00-6315	GORNIAK, W J	A BRENNEMAN	08/ /1950	2490	100.00	6	34
GA CB 4	GA-00-3148	RAILEY, C M	A BRENNEMAN	10/ /1948	2480	85.00	6	21
GA CB 5	GA-00-3148	CARR COAL CO	A BRENNEMAN	10/ /1948	2480	70.00	6	42
GA CB 6	GA-00-2504	MORRIS, ARTHUR R	A BRENNEMAN	05/ /1948	2540	250.00	6	--
GA CB 7	GA-00-4773	GURLEY, CHARLES	A BRENNEMAN	09/ /1949	2540	75.00	6	49
GA CB 8	GA-00-2427	YOUNG, JOHN D	A BRENNEMAN	03/ /1948	2480	80.00	6	37
GA CB 9	GA-00-0139	FERGUSON, JOHN E	A BRENNEMAN	12/ /1945	2600	80.00	6	11
GA CB 10	GA-00-0138	SAVAGE, PARLEY	A BRENNEMAN	12/ /1945	2490	65.00	6	17
GA CB 11	GA-00-6543	BOWMAN, HUBERT H	A BRENNEMAN	10/ /1950	2475	85.00	6	29
GA CB 12	GA-00-5882	PRESSMAN, MARSHALL B	A BRENNEMAN	05/ /1950	2490	72.00	6	66
GA CB 13	GA-00-6419	MCSPADDEN, VESTA	A BRENNEMAN	08/ /1950	2520	100.00	6	72
GA CB 14	GA-00-2439	BOETNER, FRED	A BRENNEMAN	04/ /1948	2490	85.00	6	31
GA CB 15	GA-00-5773	COCHRAN, H E	A BRENNEMAN	05/ /1950	2480	72.00	6	64
GA CB 16	GA-00-2503	TIDBALL, G V	A BRENNEMAN	05/ /1948	2480	80.00	6	20
GA CB 17	GA-00-2440	FRAZEE, BERT	A BRENNEMAN	04/ /1948	2480	60.00	6	32
GA CB 18	--	BECK, E	A BRENNEMAN	--	2480	65.00	--	--
GA CB 19	GA-00-2473	TRAVERS, C O	A BRENNEMAN	04/ /1948	2480	80.00	6	20
GA CB 20	--	SNODGRASS	--	--	2480	--	--	--
GA CB 21	--	GROSSLAND	--	1900	2480	--	--	--
GA CB 22	GA-00-2472	HAGNER, P R	A BRENNEMAN	05/ /1948	2500	65.00	6	37
GA CB 23	GA-00-5423	WHITE, CHARLES F	A BRENNEMAN	03/ /1950	2870	150.00	6	22
GA CB 24	GA-00-0137	HALSEY, O	A BRENNEMAN	11/ /1945	2480	100.00	6	65
GA CB 25	--	RODEHEAVER, S A	A BRENNEMAN	1950	2400	--	--	--
GA CB 26	--	BRETHREN CHURCH	TAYLOR	1937	2580	40.00	6	--
GA CB 31	--	FRIEND, EDITH	SKIPPER	1947	2610	80.00	--	--
GA CB 32	GA-00-2412	FELD, IRVING	A BRENNEMAN	03/ /1948	2490	60.00	6	43
GA CB 33	GA-00-9501	CODDINGTON, RICHARD	A BRENNEMAN	02/ /1952	2480	65.00	6	44
GA CB 34	GA-00-8783	DRIBLES, C	DILLEY	04/ /1952	2475	89.00	6	30
GA CB 35	GA-01-0773	RENDALIC, FRANK O	MILLER	08/ /1952	2490	95.00	6	--
GA CB 36	GA-01-0617	DUWELL, RALPH	MILLER	08/07/1952	2510	102.00	6	--
GA CB 37	GA-00-7035	GLOTFELTY, ROY	A BRENNEMAN	11/ /1950	2480	65.00	6	--
GA CB 38	--	SHIPLEY, M G	MILLER	08/ /1952	2480	74.00	6	--
GA CB 39	GA-00-9600	PARDOE, W E	A BRENNEMAN	03/ /1952	2490	80.00	6	51
GA CB 40	GA-04-7128	GARRETT CO AIRPORT	J BRENNEMAN	05/21/1962	2900	320.00	8	43
GA CB 41	GA-67-0033	PINE GROVE CHURCH	J BRENNEMAN	08/19/1966	2525	240.00	6	41
GA CB 42	GA-73-0189	KRISTOFF, FRANCIS	J BRENNEMAN	06/20/1973	2485	105.00	6	41
GA CB 43	GA-67-0055	PANORAMA MOTEL	J BRENNEMAN	09/13/1966	2595	165.00	6	22
GA CB 44	GA-73-0089	SINES, PERRY H	G CARPENTER	10/30/1972	2400	98.00	6.63	23
GA CB 45	GA-73-0116	TEETS, DANNY	C DILLEY	11/07/1972	2095	250.00	6	23
GA CB 46	GA-73-0003	GIBBARD, WALLACE F	G CARPENTER	08/10/1972	2690	371.00	6.63	87
GA CB 47	GA-73-0059	WILLIAMSON, FRANK	J BRENNEMAN	09/13/1972	2500	179.00	6	40
GA CB 48	GA-73-0245	PRITTS, RALPH	J BRENNEMAN	05/05/1973	2485	118.00	6	42
GA CB 49	GA-73-0152	RED RUN LODGE	C DILLEY	01/25/1973	2505	220.00	6.64	100
GA CB 50	GA-04-3697	MUZINI, JACK	E RAYMOND	09/29/1961	2550	110.00	5.64	29
GA CB 52	GA-73-0380	KLIMEK, RANDY	J BRENNEMAN	05/08/1974	2590	360.00	6	61
GA CB 53	GA-73-0550	SMITH, THOMAS V	J BRENNEMAN	05/03/1974	2710	360.00	6	40
GA CB 54	GA-73-0224	RAILEY, CHARLES	J BRENNEMAN	05/08/1973	2515	218.00	6	62
GA CB 55	GA-73-0354	DEAN, DAVID	M TRESSLER	07/17/1973	2505	183.00	6	48
GA CB 56	GA-73-0912	GAYLORD, FRED	D DILLEY	07/15/1975	2420	78.00	5	21
GA CB 57	GA-73-0095	HARRISON, PAUL	J BRENNEMAN	10/30/1972	2520	199.00	6	41

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
324PVAG	160.00	--	08/21/1974	5	0.5	--	H	S	GA CA 44
324PVAG	90.00	--	03/07/1974	5	1.0	--	H	S	GA CA 45
324PVAG	70.00	42	01/27/1974	15	0.5	0.4	R	S	GA CA 46
331MCCK	126.00	--	04/24/1974	12	0.5	--	H	S	GA CA 47
331MCCK	--	--	--	--	--	--	U	S	GA CA 48
331MCCK	50.00	200	08/10/1974	10	0.5	0.1	H	S	GA CA 49
324PVAG	46.00	451	04/28/1977	4	0.5	0.0	R	S	GA CA 50
324PVAG	110.00	40	09/27/1975	15	0.5	0.4	H	S	GA CA 53
331MCCK	20.00	--	09/ /1950	18	2.0	--	H	--	GA CB 1
331MCCK	40.00	60	09/ /1949	6	2.0	0.1	H	J	GA CB 2
331MCCK	40.00	--	08/ /1950	18	2.0	--	H	J	GA CB 3
331MCCK	18.00	67	10/ /1948	20	2.0	0.3	H	--	GA CB 4
331MCCK	30.00	--	10/ /1948	20	2.0	--	H	--	GA CB 5
331MCCK	109.00	86	05/ /1948	12	2.0	0.1	H	P	GA CB 6
331MCCK	30.00	--	09/ /1949	24	2.0	--	H	--	GA CB 7
337POCN	12.00	8	03/ /1948	10	2.0	1.3	H	--	GA CB 8
337POCN	0.00	80	12/ /1945	5	2.0	0.1	H	--	GA CB 9
337POCN	10.00	--	12/ /1945	20	2.0	--	H	--	GA CB 10
337POCN	26.00	--	10/ /1950	36	2.0	--	H	--	GA CB 11
331GRBR	32.00	--	05/ /1950	20	2.0	--	H	--	GA CB 12
331GRBR	50.00	--	08/ /1950	18	2.0	--	H	--	GA CB 13
331GRBR	22.00	--	04/ /1948	20	2.0	--	H	J	GA CB 14
331GRBR	22.00	--	05/ /1950	20	2.0	--	H	J	GA CB 15
331GRBR	10.00	--	05/ /1948	10	2.0	--	H	J	GA CB 16
331GRBR	14.00	--	04/ /1948	10	2.0	--	H	--	GA CB 17
331GRBR	--	--	--	--	--	--	H	--	GA CB 18
331GRBR	15.00	15	04/ /1948	20	2.0	1.3	H	--	GA CB 19
331GRBR	--	--	--	--	--	--	--	--	GA CB 20
331GRBR	--	--	--	--	--	--	--	--	GA CB 21
331GRBR	12.00	--	05/ /1948	10	2.0	--	H	--	GA CB 22
337POCN	35.00	5	03/ /1950	20	2.0	4.0	H	J	GA CB 23
331MCCK	18.00	--	11/ /1945	20	2.0	--	H	--	GA CB 24
337POCN	--	--	--	--	--	--	H	--	GA CB 25
337POCN	--	--	--	--	--	--	H	P	GA CB 26
321CNMG	--	--	--	--	--	--	H	J	GA CB 31
331MCCK	18.00	--	03/ /1948	20	2.0	--	H	--	GA CB 32
331GRBR	20.00	--	02/08/1952	18	2.0	--	H	J	GA CB 33
331MCCK	30.00	20	04/18/1952	8	2.0	0.4	H	--	GA CB 34
331MCCK	31.00	33	08/ /1952	20	2.0	0.6	H	J	GA CB 35
331MCCK	31.00	24	08/07/1952	5	1.0	0.2	H	J	GA CB 36
341HMPR	--	--	--	--	--	--	H	--	GA CB 37
331GRBR	18.00	--	--	--	--	--	H	--	GA CB 38
331MCCK	30.00	15	03/ /1952	10	2.0	0.7	H	--	GA CB 39
337POCN	65.00	--	--	--	--	--	P	--	GA CB 40
321CNMG	83.00	--	--	--	--	--	T	--	GA CB 41
337POCN	10.00	95	06/20/1973	4	1.0	0.0	H	S	GA CB 42
337POCN	4.00	--	--	--	--	--	C	S	GA CB 43
321CNMG	40.00	40	10/30/1972	10	0.5	0.3	H	S	GA CB 44
331GRBR	100.00	90	11/07/1972	2	2.0	0.0	H	S	GA CB 45
324PSVL	110.00	161	08/10/1972	2	0.5	0.0	H	S	GA CB 46
331MCCK	43.00	136	09/13/1972	3	1.0	0.0	H	S	GA CB 47
324PVAG	23.00	95	05/05/1973	7	1.0	0.1	H	S	GA CB 48
324PVAG	10.00	110	01/25/1973	20	5.0	0.2	C	S	GA CB 49
337POCN	60.00	--	09/29/1961	5	--	--	H	S	GA CB 50
337POCN	130.00	230	05/08/1974	1	1.0	0.0	H	S	GA CB 52
324PVAG	93.00	267	05/03/1974	1	1.0	0.0	H	S	GA CB 53
331MCCK	61.00	157	05/08/1973	4	1.0	0.0	H	S	GA CB 54
331MCCK	85.00	--	07/17/1973	5	1.0	--	H	S	GA CB 55
331GRBR	20.00	40	07/15/1975	7	3.0	0.2	N	S	GA CB 56
337POCN	47.00	152	10/30/1972	2	2.0	0.0	H	S	GA CB 57

WATER USE CODES

H DOMESTIC
R RECREATION
U UNUSED
P PUBLIC SUPPLY
T INSTITUTION
C COMMERCIAL
N INDUSTRIAL

LIFT TYPE CODES

S SUBMERSIBLE
J JET
P PISTON

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA CB 58	GA-73-0910	KIMMELL, JUNE	D DILLEY	07/11/1975	2380	63.00	5	22
GA CB 59	GA-73-0027	SCHENK, DOUGLAS L	J BRENNEMAN	08/19/1972	2110	150.00	6	41
GA CB 60	GA-73-0722	HABEL, JOSEPH D	J BRENNEMAN	09/12/1974	2040	195.00	6	43
GA CB 61	GA-73-0673	RISINGER, BOB	C DILLEY	10/12/1974	2180	160.00	6	24
GA CB 62	GA-73-0613	FREY JR., QUENTIN V	M TRESSLER	06/08/1974	2480	104.00	6	21
GA CB 63	GA-73-0313	ACTON, GEORGE H	M TRESSLER	07/11/1973	2480	103.00	6	22
GA CB 64	GA-73-0259	WOLFE, WILLIAM A	M TRESSLER	05/20/1973	2480	160.00	6	20
GA CB 65	GA-73-0748	MANWELL, JOHN T	D DILLEY	04/25/1975	2490	138.00	5	21
GA CB 66	GA-73-0615	BASS, THOMAS	M TRESSLER	05/20/1974	2505	83.00	6	21
GA CB 67	GA-73-0142	KAMINECK, JAY F	J BRENNEMAN	01/02/1973	2540	150.00	6	42
GA CB 68	GA-73-0197	COMER, JOSEPH	D DILLEY	06/21/1973	2560	134.00	5	30
GA CB 69	GA-73-0185	SPEICHER, JAMES H	D DILLEY	04/05/1973	2785	138.00	6	22
GA CB 70	GA-70-0135	GARRETT COMM COLLEGE	D DILLEY	06/12/1970	2595	175.00	8	38
GA CB 71	GA-04-2739	DEL-WANDA MOTEL	J BRENNEMAN	04/28/1961	2490	140.00	6	50
GA CB 72	GA-73-1457	FERGURSON, RAY	G CARPENTER	06/12/1977	2625	97.00	6	42
GA CB 73	GA-73-0336	POCONO SAND CO	D DILLEY	09/29/1973	2220	181.00	5	21
GA CB 74	GA-73-1362	VILLAGE INN	M TRESSLER	06/ /1977	2535	200.00	8	--
GA CB 75	GA76GAP012	VILLAGE INN	M TRESSLER	06/ /1977	2535	220.00	8	--
GA CC 1	GA-00-4472	HARDMAN, LESTER	MILLER	08/ /1949	2520	164.00	6	--
GA CC 2	GA-00-2872	ESSEY, GEORGE	A BRENNEMAN	09/ /1948	2520	85.00	6	47
GA CC 3	GA-00-2873	WHITWORTH, EDNA	A BRENNEMAN	09/ /1948	2490	100.00	6	46
GA CC 4	GA-00-2776	COOPER, E R	A BRENNEMAN	08/ /1948	2510	100.00	6	36
GA CC 5	GA-00-6633	PARRISH, WILLIAM	SKIPPER	09/ /1950	2480	73.00	6	20
GA CC 6	GA-00-0081	NAYLOR, A D	A BRENNEMAN	10/ /1945	2480	55.00	6	23
GA CC 7	GA-00-0932	HINDS, GEORGE	SKIPPER	11/ /1946	2530	152.00	6	25
GA CC 8	GA-00-2396	BRYAN, FRANK J	A BRENNEMAN	03/ /1948	2480	60.00	6	48
GA CC 9	GA-00-6316	BLOCH, JESSIE	A BRENNEMAN	10/ /1950	2500	115.00	6	41
GA CC 10	GA-00-1912	BENNETT, J G	A BRENNEMAN	10/ /1947	2480	80.00	6	20
GA CC 11	GA-00-2397	HOSTELLER, R J	A BRENNEMAN	03/ /1948	2480	85.00	6	43
GA CC 12	GA-00-5971	VICHO, JOHN	A BRENNEMAN	06/ /1950	2480	92.00	6	58
GA CC 15	--	ORENDORF, NELSON	TRESSLER	1949	2710	110.00	6	--
GA CC 16	GA-00-5491	ALBIG, E E	A BRENNEMAN	03/ /1950	2500	115.00	6	38
GA CC 18	GA-00-9535	CHATAWAY, T D	A BRENNEMAN	02/ /1952	2530	115.00	6	39
GA CC 19	GA-00-8869	GLOTFELTY, JAMES	A BRENNEMAN	10/ /1951	2700	46.00	6	33
GA CC 20	GA-01-0408	FRIEND, PAUL E	MILLER	06/ /1952	2635	105.00	6	--
GA CC 21	GA-00-9909	CROUCH, F	A BRENNEMAN	05/ /1952	2510	80.00	6	40
GA CC 22	GA-00-1795	BETZ, EDWIN C	A BRENNEMAN	09/ /1947	2480	80.00	6	57
GA CC 23	GA-01-0220	NAYLOR, HOWARD	DILLEY	05/ /1952	2480	75.00	6	30
GA CC 24	GA-73-0097	GLOTFELTY, DONALD	M TRESSLER	09/30/1972	2785	103.00	6	21
GA CC 25	GA-73-0117	RAMSEY, DAVID	J BRENNEMAN	10/05/1972	2675	180.00	6	66
GA CC 26	GA-73-0252	MONTGOMERY, L	D DILLEY	07/19/1973	2680	220.00	6	25
GA CC 27	GA-73-0070	HOOK, CHARLES	J BRENNEMAN	11/02/1972	2755	238.00	6	41
GA CC 28	GA-73-0132	PRATT, DOMINIC	D DILLEY	12/04/1972	2535	138.00	6	22
GA CC 29	GA-73-0133	MEID, G D	D DILLEY	11/24/1972	2490	138.00	5	32
GA CC 30	GA-73-0191	FRIEND, WESLEY	M TRESSLER	04/17/1973	2570	140.00	6	21
GA CC 31	GA-73-0001	MOON, HAROLD	G FORD	08/12/1972	2490	180.00	6	23
GA CC 32	GA-73-0297	KUBIL, LUDWIG	C DILLEY	06/30/1973	2485	145.00	6	22
GA CC 33	GA-73-0377	MURRAY, JAMES	C DILLEY	09/01/1973	2500	175.00	6	23
GA CC 34	GA-73-0281	MILLER, DAVID	C DILLEY	06/21/1973	2480	115.00	6	22
GA CC 35	GA-73-0069	DEEP CR LAKE PK	J BRENNEMAN	09/05/1972	2480	167.00	6	107
GA CC 36	GA-73-0373	LIVINGSTON, CHARLES	D DILLEY	03/05/1974	2515	78.00	5	37
GA CC 37	GA-73-0414	JOHNSON, J H	G CARPENTER	09/20/1973	2530	197.00	6	23
GA CC 38	GA-73-0455	LAKESIDE DEV CP	J BRENNEMAN	10/22/1973	2630	135.00	6	39
GA CC 39	GA-73-0436	TOOLE, PAUL	G CARPENTER	11/09/1973	2610	121.00	6	35
GA CC 40	GA-73-0137	NAYLOR, ALONZO D	D DILLEY	04/02/1973	2525	153.00	6	25
GA CC 41	GA-73-0594	FRIEND, PAUL E	D DILLEY	09/01/1974	2630	138.00	6	22
GA CC 42	GA-73-0690	FRIEND, FRED	D DILLEY	10/22/1974	2680	212.00	5	22
GA CC 43	GA-73-0598	MORGAN, JACK	J BRENNEMAN	07/08/1974	2495	191.00	6	81
GA CC 44	GA-73-0670	SANDERS, PAUL	M TRESSLER	07/03/1974	2550	145.00	6	21
GA CC 45	GA-73-0504	COWAN, ARCHIE E	J BRENNEMAN	12/08/1973	2625	390.00	6	38

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
337POCN	35.00	15	07/11/1975	5	2.0	0.3	H	S	GA CB 58
331GRBR	81.00	69	08/19/1972	3	1.0	0.0	H	S	GA CB 59
331MCCK	53.00	142	09/12/1974	3	1.0	0.0	H	S	GA CB 60
331MCCK	90.00	50	10/12/1974	5	1.0	0.1	H	S	GA CB 61
324PVAG	29.00	--	06/08/1974	30	1.0	--	H	S	GA CB 62
324PVAG	42.00	--	07/11/1973	6	1.0	--	H	S	GA CB 63
324PVAG	60.00	--	05/20/1973	6	1.0	--	H	S	GA CB 64
324PVAG	45.00	45	04/25/1975	20	3.0	0.4	H	S	GA CB 65
324PVAG	35.00	--	05/20/1974	6	0.5	--	H	S	GA CB 66
337POCN	41.00	109	01/02/1973	7	1.0	0.1	C	S	GA CB 67
337POCN	40.00	45	06/21/1973	8	3.0	0.2	H	S	GA CB 68
337POCN	30.00	60	04/05/1973	10	3.0	0.2	H	S	GA CB 69
337POCN	25.00	65	06/12/1970	36	8.0	0.6	T	S	GA CB 70
331MCCK	61.00	--	--	--	--	--	C	S	GA CB 71
337POCN	57.00	--	06/12/1977	30	0.5	--	C	S	GA CB 72
337POCN	25.00	135	09/29/1973	2	3.0	0.0	U	--	GA CB 73
337POCN	--	--	06/ /1977	30	--	--	C	S	GA CB 74
337POCN	--	--	06/ /1977	30	--	--	C	S	GA CB 75
331GRBR	40.00	50	08/ /1949	10	1.0	0.2	H	P	GA CC 1
331GRBR	60.00	25	09/ /1948	10	2.0	0.4	H	P	GA CC 2
331GRBR	30.00	--	09/ /1948	20	2.0	--	H	J	GA CC 3
341HMPR	40.00	--	08/ /1950	20	2.0	--	H	--	GA CC 4
337POCN	20.00	35	09/ /1950	2	1.0	0.1	H	--	GA CC 5
337POCN	22.00	--	10/ /1945	40	--	--	H	P	GA CC 6
337POCN	25.00	--	11/ /1946	10	1.0	--	H	--	GA CC 7
337POCN	8.00	--	03/ /1948	10	2.0	--	H	--	GA CC 8
331MCCK	30.00	40	10/ /1950	15	2.0	0.4	H	--	GA CC 9
337POCN	3.00	17	10/ /1947	24	2.0	1.4	H	--	GA CC 10
337POCN	8.00	--	03/ /1948	10	2.0	--	H	--	GA CC 11
331GRBR	5.00	50	06/ /1950	20	2.0	0.4	H	--	GA CC 12
321CNMG	--	--	--	--	--	--	H	--	GA CC 15
341HMPR	65.00	--	03/ /1950	10	2.0	--	H	J	GA CC 16
331MCCK	50.00	--	02/ /1952	18	2.0	--	H	--	GA CC 18
324ALGN	20.00	20	10/ /1951	18	2.0	0.9	H	--	GA CC 19
337POCN	40.00	30	06/ /1952	3	1.0	0.1	H	--	GA CC 20
337POCN	0.00	20	05/ /1952	20	2.0	1.0	H	--	GA CC 21
331MCCK	22.00	--	09/ /1947	12	2.0	--	H	--	GA CC 22
337POCN	16.00	9	05/ /1952	8	5.0	0.9	H	--	GA CC 23
324PVAG	30.00	--	09/30/1972	6	1.0	--	H	S	GA CC 24
331MCCK	50.00	130	10/05/1972	4	--	0.0	H	S	GA CC 25
331MCCK	75.00	85	07/19/1973	16	3.0	0.2	H	S	GA CC 26
324PVAG	43.00	195	11/02/1972	1	1.0	0.0	H	S	GA CC 27
341HMPR	70.00	40	12/04/1972	10	4.0	0.3	H	S	GA CC 28
341HMPR	45.00	65	11/24/1972	6	4.0	0.1	H	S	GA CC 29
337POCN	62.00	--	04/17/1973	6	1.0	--	H	S	GA CC 30
341HMPR	38.00	142	08/12/1972	20	1.0	0.1	H	S	GA CC 31
341HMPR	40.00	50	06/30/1973	9	2.0	0.2	H	S	GA CC 32
341HMPR	50.00	90	09/01/1973	5	1.0	0.1	H	S	GA CC 33
337POCN	70.00	15	06/21/1973	5	1.0	0.3	H	S	GA CC 34
331GRBR	37.00	130	09/05/1972	26	1.0	0.2	R	S	GA CC 35
337POCN	30.00	20	03/05/1974	3	2.0	0.2	U	S	GA CC 36
341HMPR	157.00	20	09/20/1973	8	0.5	0.4	H	S	GA CC 37
337POCN	14.00	121	10/22/1973	10	1.0	0.1	C	S	GA CC 38
337POCN	60.00	45	11/09/1973	20	0.5	0.4	H	S	GA CC 39
337POCN	50.00	60	04/02/1973	6	3.0	0.1	H	S	GA CC 40
337POCN	40.00	50	09/01/1974	6	2.0	0.1	H	S	GA CC 41
337POCN	50.00	110	10/22/1974	5	3.0	0.0	H	S	GA CC 42
337POCN	26.00	165	07/08/1974	3	1.0	0.0	H	S	GA CC 43
341HMPR	42.00	--	07/03/1974	6	1.0	--	H	S	GA CC 44
337POCN	280.00	110	12/08/1973	1	1.0	0.0	H	S	GA CC 45

WATER USE CODES

H DOMESTIC
C COMMERCIAL
T INSTITUTION
U UNUSED
R RECREATION

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON
J JET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	DEPTH CASED (FEET)
GA CC 46	GA-73-0247	MINNEX, J C	J BRENNEMAN	05/16/1973	2490	150.00	6	85
GA CC 47	GA-73-0577	KELLY, LAURA	L FORD	06/12/1974	2480	128.00	6	36
GA CC 48	GA-73-0548	BOCK, ROGER	G CARPENTER	07/10/1974	2500	148.00	6	42
GA CC 49	GA-73-0161	BUSONICK, JOHN	J BRENNEMAN	01/22/1973	2495	218.00	6	82
GA CC 50	GA-73-0184	GLADE CHURCH	M TRESSLER	01/29/1973	2720	75.00	6	21
GA CC 51	GA-73-1440	SILVER TREE INN	J BRENNEMAN	05/20/1977	2490	405.00	6	39
GA CC 52	GA-73-1212	YUZUK, RONALD	M TRESSLER	08/03/1976	2490	85.00	6	65
GA CC 53	GA-69-0047	ALPINE MOTOR LODGE	D DILLEY	10/21/1968	2485	149.00	6	50
GA CC 54	GA-73-1284	GREIST, ROBERT	G FORD	10/13/1976	2620	120.00	5.50	112
GA CC 55	GA-72-0285	BECKMAN, HARLAND	M TRESSLER	05/16/1973	2500	145.00	6	22
GA CC 56	GA-02-7136	DEEP CREEK ST PARK	J BRENNEMAN	07/19/1957	2520	180.00	6	95
GA CC 57	GA-04-2541	BECKMAN, HARLAND	D DILLEY	05/01/1961	2480	160.00	6	32
GA CC 58	GA-73-0352	SNYDER, ATLEE	D DILLEY	--	2700	183.00	6	23
GA CC 59	GA-73-1926	WILL O WISP INC	J BRENNEMAN	07/20/1977	2510	118.00	6	51
GA CC 60	GA-73-1927	WILL O WISP INC	J BRENNEMAN	07/16/1977	2510	118.00	6	98
GA CC 61	--	WILL O WISP INC	A BRENNEMAN	1935	2490	114.00	6	--
GA CC 62	GA-05-6995	HEISE, HELMUT M	J BRENNEMAN	--	2485	245.00	6	93
GA CC 63	--	WILL O WISP INC	J BRENNEMAN	1961	2490	161.00	6	--
GA CD 3	--	BITTINGER, F M	A BRENNEMAN	1939	2640	62.50	6	--
GA CD 4	--	U S GOVERNMENT	A BRENNEMAN	1937	2720	240.00	6	--
GA CD 5	--	U S GOVERNMENT	A BRENNEMAN	1937	2680	180.00	6	--
GA CD 6	--	U S GOVERNMENT	A BRENNEMAN	1937	2660	160.00	6	--
GA CD 9	GA-00-0764	NORTH GLADE SCHOOL	A BRENNEMAN	08/ /1946	2500	90.00	6	37
GA CD 10	--	MILLER, CURTIS C	A BRENNEMAN	1949	2500	33.00	--	--
GA CD 11	--	FAULKNER, JOE	TRESSLER	1946	2360	95.00	--	--
GA CD 12	--	BUCKLE, RALPH	TRESSLER	1951	2676	53.00	--	--
GA CD 13	GA-01-0352	YODER, OLEN	TRESSLER	06/ /1952	2640	57.00	6	6
GA CD 14	GA-01-6408	BUCKEL, CHARLES	J TRESSLER	09/10/1954	2610	103.00	6	23
GA CD 15	GA-73-0216	BEAVER, BERLDENE	C DILLEY	04/16/1973	2640	115.00	6	23
GA CD 16	GA-73-0264	ROUNDS, FLOYD	C DILLEY	05/23/1973	2665	55.00	6	27
GA CD 17	GA-73-0079	MCCULLOUGH, SAM	J BRENNEMAN	09/19/1972	2370	120.00	6	49
GA CD 18	GA-73-0049	GREEN, EVERETT	D DILLEY	09/01/1972	2650	76.00	5	23
GA CD 19	GA-70-0032	BITTINGER, FRANK W	J BRENNEMAN	09/04/1969	2635	225.00	4	225
GA CD 20	GA-73-0261	BITTINGER, RAY	M TRESSLER	06/19/1974	2650	83.00	6	21
GA CD 21	GA-73-0077	DURST, LESTER F	J BRENNEMAN	09/07/1972	2440	258.00	6	21
GA CD 22	GA-73-0503	SKIPPER, RICHARD	J BRENNEMAN	01/26/1974	2710	345.00	6	45
GA CD 23	GA-01-0352	BRENNEMAN, HARLEY	J TRESSLER	06/18/1952	2600	57.00	6	21
GA CD 24	GA-73-0056	DELUCA, BATISTE	M TRESSLER	09/13/1972	2935	175.00	6	22
GA CD 25	GA-73-0639	RISHELL, SHERIDAN	J BRADLEY	08/15/1974	2600	250.00	6	70
GA CD 26	GA-73-0634	ST JOHNS CHURCH	C DILLEY	06/27/1974	2560	130.00	6	24
GA CD 27	GA-73-0735	BUTLER, MALETA	J BRADLEY	11/26/1974	2585	180.00	6	148
GA CD 28	GA-73-1718	U S GEOL SURVEY	J BRENNEMAN	06/29/1978	2810	258.00	6	48
GA CE 2	GA-73-0285	LANCASTER, TOM	J BRADLEY	06/25/1973	1605	90.00	6	22
GA CE 3	GA-73-0724	MOORE, WILLIAM	J BRADLEY	11/29/1974	1510	78.00	6	19
GA CE 4	GA-73-0652	WAMPLER, RAYMOND A	L FORD	09/06/1974	1515	270.00	6	26
GA CE 5	GA-73-0948	GREEN, BERNARD	L FORD	09/07/1975	1595	233.00	6	20
GA CE 6	GA-73-0721	KERNS, WILLIAM	J BRADLEY	11/29/1974	1610	195.00	6	21
GA CF 1	GA-00-5307	TOWN OF BARTON	F CARPENTER	05/30/1950	1580	1014.00	8	175
GA CF 2	--	TOWN OF BARTON	--	1930	1570	300.00	6	40
GA CF 3	--	TOWN OF BARTON	CARPENTER	01/ /1931	1600	369.00	6	--
GA CF 5	--	U S BUREAU OF MINES	--	1946	1668	643.00	2	--
GA CF 6	GA-01-0783	TOWN OF BARTON	C H BUSER	09/12/1952	1570	512.00	6	45
GA CF 7	GA-73-0899	CLARK, ROBERT L	J BRADLEY	06/12/1975	1760	110.00	6	34
GA CF 8	GA-73-0715	GINNIMAN, FRED	J BRADLEY	08/30/1974	1885	258.00	6	40
GA CF 9	GA-04-4928	TOWN OF BARTON	L FORD	10/20/1961	1710	162.00	6	23
GA CF 10	GA-04-8421	TOWN OF BARTON	L FORD	08/29/1962	1700	295.00	6	30
GA CF 11	GA-05-4785	TOWN OF BARTON	G FORD	11/01/1963	1665	100.00	6	22
GA CF 12	GA-05-4786	TOWN OF BARTON	G FORD	11/01/1963	1650	305.00	6	25
GA CF 13	--	TOWN OF BARTON	D&L COAL CO	07/ /1977	1640	220.00	6	--
GA CF 14	--	TOWN OF BARTON	D&L COAL CO	07/ /1977	1590	120.00	6	--

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
331MCCK	33.00	117	05/16/1973	7	1.0	0.1	H	S	GA CC 46
337POCN	47.00	81	06/12/1974	5	1.0	0.1	H	S	GA CC 47
331MCCK	100.00	--	07/10/1974	5	1.0	--	H	S	GA CC 48
331MCCK	81.00	137	01/22/1973	3	1.0	0.0	H	S	GA CC 49
324ALGN	28.00	--	01/29/1973	10	1.0	--	T	S	GA CC 50
337POCN	0.00	405	05/20/1977	9	1.0	0.0	C	S	GA CC 51
331GRBR	36.00	49	08/03/1976	50	2.0	1.0	H	S	GA CC 52
337POCN	15.00	65	10/21/1968	30	3.0	0.5	C	S	GA CC 53
331GRBR	21.00	99	10/13/1976	8	6.0	0.1	C	S	GA CC 54
337POCN	30.00	115	05/16/1973	20	1.0	0.2	C	S	GA CC 55
337POCN	60.00	--	07/19/1957	10	--	--	R	S	GA CC 56
337POCN	30.00	90	05/01/1961	25	3.0	0.3	C	S	GA CC 57
331MCCK	80.00	60	09/07/1973	8	3.0	0.1	H	S	GA CC 58
331GRBR	61.00	57	07/20/1977	4	1.0	0.1	U	--	GA CC 59
331GRBR	51.00	67	07/16/1977	16	1.0	0.2	U	--	GA CC 60
331GRBR	40.00	1	06/17/1975	35	24.0	35.0	P	S	GA CC 61
331GRBR	--	--	05/28/1964	5	--	--	H	S	GA CC 62
337POCN	56.50	1	06/20/1975	59	24.0	42.1	P	S	GA CC 63
321CNMG	17.00	--	--	--	--	--	H	--	GA CD 3
321CNMG	--	--	--	--	--	--	P	--	GA CD 4
321CNMG	--	--	--	--	--	--	P	--	GA CD 5
321CNMG	--	--	--	--	--	--	P	--	GA CD 6
321CNMG	22.00	18	08/ /1946	10	2.0	0.6	T	--	GA CD 9
341JNGS	--	--	--	--	--	--	H	--	GA CD 10
341JNGS	28.00	--	--	--	--	--	H	J	GA CD 11
321CNMG	--	--	--	--	--	--	H	--	GA CD 12
321CNMG	8.00	32	06/ /1952	20	--	0.6	H	--	GA CD 13
321CNMG	25.00	45	09/10/1954	12	--	0.3	H	--	GA CD 14
331GRBR	45.00	55	04/16/1973	5	2.0	0.1	H	S	GA CD 15
331MCCK	40.00	15	05/23/1973	3	3.0	0.2	H	S	GA CD 16
341JNGS	37.00	83	09/19/1972	7	1.0	0.1	H	S	GA CD 17
331GRBR	25.00	10	09/01/1972	12	2.0	1.2	H	S	GA CD 18
331GRBR	84.00	--	09/04/1969	12	--	--	H	S	GA CD 19
337POCN	36.00	--	06/19/1974	8	1.0	--	H	S	GA CD 20
341HMPR	62.00	196	09/07/1972	6	1.0	0.0	H	S	GA CD 21
337POCN	38.00	307	01/26/1974	2	1.0	0.0	H	S	GA CD 22
324PVAG	8.00	32	06/18/1952	20	--	0.6	H,S	--	GA CD 23
331MCCK	70.00	--	09/13/1972	4	1.0	--	H	S	GA CD 24
341JNGS	100.00	--	08/15/1974	2	2.0	--	H	S	GA CD 25
341HMPR	50.00	50	06/27/1974	5	1.0	0.1	T	S	GA CD 26
331GRBR	50.00	--	11/26/1974	10	1.5	--	H	S	GA CD 27
331MCCK	46.76	211	06/29/1978	6	0.5	0.0	U	Z	GA CD 28
341JNGS	12.00	--	06/25/1973	4	1.5	--	H	S	GA CE 2
341JNGS	10.00	--	11/29/1974	5	1.0	--	H	S	GA CE 3
341JNGS	16.00	254	09/06/1974	11	2.0	0.0	H	S	GA CE 4
341JNGS	0.00	233	09/07/1975	7	2.0	0.0	H	S	GA CE 5
341JNGS	0.00	--	09/15/1977	3	1.5	--	H	S	GA CE 6
324PVAG	8.00	--	05/30/1950	50	--	--	P	--	GA CF 1
321CNMG	--	--	1930	50	--	--	P	--	GA CF 2
321CNMG	0.00	--	01/ /1931	5	--	--	P	--	GA CF 3
324ALGN	--	--	1957	150	--	--	--	--	GA CF 5
321CNMG	37.00	--	--	--	--	--	P	--	GA CF 6
321CNMG	30.00	--	06/12/1975	5	1.5	--	H	S	GA CF 7
321CNMG	10.00	--	08/30/1974	3	1.0	--	H	S	GA CF 8
321CNMG	32.00	--	10/20/1961	150	4.0	--	U	A	GA CF 9
321CNMG	97.00	198	08/29/1962	20	3.0	0.1	P	S	GA CF 10
321CNMG	12.00	88	11/01/1963	60	1.0	0.7	P	S	GA CF 11
321CNMG	40.00	265	11/01/1963	13	1.0	0.0	U	A	GA CF 12
321CNMG	--	--	07/ /1977	8	--	--	P	S	GA CF 13
321CNMG	--	--	07/ /1977	10	--	--	U	--	GA CF 14

WATER USE CODES

H DOMESTIC
T INSTITUTION
C COMMERCIAL
R RECREATION
U UNUSED
P PUBLIC SUPPLY
S STOCK

LIFT TYPE CODES

S SUBMERSIBLE
J JET
Z OTHER
A AIR

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA DA 1	GA-00-0516	FRIEND, JERRY	KELLEY	06/ /1946	2470	68.00	6	8
GA DA 2	GA-00-6847	GANK, HAROLD	DILLEY	10/ /1950	2520	75.00	6	26
GA DA 3	GA-00-0506	CARSCADEN, ELWOOD	KELLEY	06/ /1946	2490	50.00	6	14
GA DA 4	GA-00-0507	COULTER, PRESTON B	KELLEY	06/ /1946	2500	58.00	6	20
GA DA 5	GA-00-0426	HERRINGTON MANOR PARK	TRESSLER	05/ /1946	2480	63.00	6	15
GA DA 6	GA-00-0483	JOHNSON, T J	KELLEY	06/ /1946	2590	60.00	6	24
GA DA 7	GA-00-0484	O'HAVER, JOHN	KELLEY	06/ /1946	2460	43.00	6	7
GA DA 9	--	SWALLOW FALLS ST PARK	--	1933	2420	200.00	--	--
GA DA 10	--	SWALLOW FALLS ST PARK	A BRENNEMAN	1938	2435	200.00	6	--
GA DA 12	GA-00-8761	JOHNSON, T J	KELLEY	10/ /1951	2520	42.00	6	34
GA DA 13	GA-00-8842	JOHNSON, T J	KELLEY	10/ /1951	2430	45.00	6	8
GA DA 14	GA-00-8786	O'HAVER, JOHN	HARDESTY	11/ /1951	2480	54.50	6	5
GA DA 15	GA-01-0832	HANSEN, FRANK	HARDESTY	09/ /1952	2460	115.00	6	20
GA DA 16	--	HANSEN, FRANK	--	1952	2470	--	--	--
GA DA 17	GA-67-0179	SWALLOW FALLS ST PARK	D DILLEY	08/ /1966	2430	226.00	6	37
GA DA 18	GA-73-0253	EISENTROUT, SAMUEL W	D DILLEY	07/16/1973	2475	78.00	5	21
GA DA 19	GA-73-0519	MILLER, HARLEY C	C DILLEY	05/12/1974	2475	85.00	6	24
GA DA 20	GA-73-0599	NEMITH, WILLIAM G	C DILLEY	06/22/1974	2545	160.00	6	24
GA DA 21	GA-73-0213	RINKER, RICHARD	C DILLEY	04/19/1973	2460	100.00	6	23
GA DA 22	GA-73-0304	TROUTWINE, CHARLES	C DILLEY	07/09/1973	2555	130.00	6	22
GA DA 23	GA-73-0404	WILLIAMS, JOHN	C DILLEY	09/25/1973	2560	220.00	6	23
GA DA 24	GA-73-0787	LEETS, ORVAL C	D DILLEY	02/20/1975	2540	123.00	5	22
GA DA 25	GA-73-0713	JAMES, TOM	C DILLEY	10/30/1974	2540	145.00	6	24
GA DA 26	GA-73-0714	DEAVERS, JAMES R	C DILLEY	12/24/1974	2540	175.00	6	24
GA DA 27	GA-73-1309	JONES, THOMAS	G FORD	11/29/1976	2530	460.00	7	21
GA DA 28	GA-73-0399	STONE HUNTING CLUB	C DILLEY	09/22/1973	2465	100.00	6	31
GA DA 29	GA-73-1708	HERRINGTON MANOR PARK	J BRENNEMAN	06/28/1978	2480	357.00	6	69
GA DA 30	GA-72-0287	HERRINGTON MANOR PARK	C DILLEY	--	2475	300.00	6	24
GA DB 1	GA-00-0818	QUICK, H W	MILLER	09/ /1945	2585	85.00	6	--
GA DB 2	GA-00-0719	GROWES, W W	MILLER	08/ /1946	2560	60.00	6	--
GA DB 3	GA-00-8201	RHODEHAVER, PATRICK	HARDESTY	07/ /1951	2770	78.50	6	19
GA DB 4	GA-00-5940	MAY, ARDEN	A BRENNEMAN	05/ /1950	2680	85.00	6	22
GA DB 5	GA-00-1991	HOUSE, ARIEL	SKIPPER	10/ /1947	2690	73.00	6	26
GA DB 6	--	ROTH, ERIN	A BRENNEMAN	08/ /1934	2670	78.00	6	36
GA DB 7	--	TOWN OF OAKLAND	A BRENNEMAN	1934	2400	165.00	6	--
GA DB 8	GA-00-3324	ROMESBURG, RALPH	SKIPPER	10/ /1948	2560	67.00	6	43
GA DB 12	GA-00-5772	TOWN OF OAKLAND	W KELLEY	07/26/1950	2390	257.00	10	46
GA DB 13	GA-00-0892	TOWN OF OAKLAND	W KELLEY	03/15/1947	2390	254.00	6	43
GA DB 14	--	TOWN OF OAKLAND	A BRENNEMAN	1943	2480	250.00	6	20
GA DB 15	--	TOWN OF OAKLAND	--	1934	2460	165.00	6	--
GA DB 17	--	DEBERRY, J	--	1920	2510	60.00	--	--
GA DB 18	--	TOWN OF OAKLAND	A BRENNEMAN	1939	2410	180.00	6	--
GA DB 19	--	TOWN OF OAKLAND	--	1939	2400	325.00	6	--
GA DB 20	GA-00-8476	PRITT, RALPH	--	1951	2450	76.00	6	25
GA DB 21	GA-00-8949	TOWN OF OAKLAND	W KELLEY	12/10/1951	2395	250.00	10	42
GA DB 22	GA-00-8784	MITCHELL, LUCILLE	DILLEY	09/ /1951	2430	80.00	6	14
GA DB 23	GA-01-0289	SKIPPER, LAWRENCE	DILLEY	06/ /1952	2580	80.00	6	16
GA DB 24	GA-01-0347	WHITE, ROY	MILLER	06/ /1952	2560	106.00	6	--
GA DB 25	GA-01-0043	PECK, ARCH	A BRENNEMAN	05/ /1952	2820	200.00	6	23
GA DB 26	GA-01-0044	GNEGY, HAROLD	A BRENNEMAN	05/ /1952	2820	200.00	6	20
GA DB 27	GA-02-8594	TOWN OF OAKLAND	W KELLEY	11/29/1957	2385	366.00	8	24
GA DB 29	GA-02-0485	GARRETT CO ROADS DEPT	J BRENNEMAN	09/02/1955	2450	100.00	6	46
GA DB 30	GA-67-0040	STARLITE MOTEL	J BRENNEMAN	09/08/1966	2475	143.00	6	42
GA DB 31	GA-73-0355	SMITH, DANIEL	D DILLEY	08/24/1973	2545	180.00	5	23
GA DB 32	GA-73-0104	HAINES, CHARLES W	C DILLEY	10/02/1971	2615	160.00	6	23
GA DB 33	GA-73-0268	POWELL, EDGAR	J BRENNEMAN	07/06/1973	2605	295.00	6	41
GA DB 34	GA-73-0106	GLOTFELTY, GARY	J BRENNEMAN	11/02/1972	2580	398.00	6	41
GA DB 35	GA-73-0107	FAULKNER, PERRY	J BRENNEMAN	10/30/1972	2580	300.00	6	39
GA DB 36	GA-73-0217	BERNETTE, RALPH	C DILLEY	03/29/1973	2590	190.00	6	23
GA DB 37	GA-73-0129	RECHAT, LARRY E	D DILLEY	11/14/1972	2575	102.00	5	38

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
321CNMG	28.00	40	06/ /1946	3	1.0	0.1	H	--	GA DA 1
321CNMG	14.00	46	10/ /1950	8	3.0	0.2	H	--	GA DA 2
321CNMG	6.00	1	06/ /1946	6	1.0	6.0	H	--	GA DA 3
321CNMG	30.00	28	06/ /1946	6	1.0	0.2	H	--	GA DA 4
321CNMG	30.00	--	05/ /1946	5	1.0	--	U	--	GA DA 5
321CNMG	30.00	--	06/ /1946	18	1.0	--	H	--	GA DA 6
321CNMG	7.00	3	06/ /1946	20	1.0	6.7	H	--	GA DA 7
324PVAG	--	--	--	--	--	--	U	--	GA DA 9
324PVAG	--	--	1938	50	--	--	U	--	GA DA 10
321CNMG	9.00	5	10/ /1951	15	1.0	3.0	H	--	GA DA 12
321CNMG	4.50	23	10/09/1951	15	1.0	0.7	H	--	GA DA 13
321CNMG	--	--	11/ /1951	5	1.0	--	H	--	GA DA 14
324ALGN	30.00	20	09/ /1952	7	1.0	0.4	T	--	GA DA 15
324ALGN	--	--	--	--	--	--	--	--	GA DA 16
324PVAG	--	--	08/ /1966	27	8.0	--	P	--	GA DA 17
321CNMG	15.00	25	07/16/1973	12	2.0	0.5	H	S	GA DA 18
321CNMG	1.00	59	05/12/1974	20	1.0	0.3	H	S	GA DA 19
321CNMG	50.00	60	06/22/1974	5	1.0	0.1	H	S	GA DA 20
321CNMG	5.00	45	04/19/1973	30	2.0	0.7	H	S	GA DA 21
321CNMG	50.00	70	07/09/1973	3	3.0	0.0	H	S	GA DA 22
321CNMG	100.00	50	09/25/1973	5	1.0	0.1	H	S	GA DA 23
324PVAG	25.00	65	02/20/1975	6	2.0	0.1	H	S	GA DA 24
321CNMG	60.00	40	10/30/1974	8	1.0	0.2	H	S	GA DA 25
321CNMG	70.00	80	12/24/1974	3	1.0	0.0	H	S	GA DA 26
321CNMG	63.00	397	11/29/1976	2	4.0	0.0	H	S	GA DA 27
321CNMG	25.00	35	09/22/1973	20	2.0	0.6	H	S	GA DA 28
321CNMG	45.00	312	06/28/1978	18	--	0.1	P	S	GA DA 29
321CNMG	53.00	122	06/15/1972	20	4.0	0.2	P	S	GA DA 30
341JNGS	17.00	13	09/ /1945	8	0.5	0.6	H	P	GA DB 1
341JNGS	20.00	10	08/ /1946	10	1.0	1.0	H	P	GA DB 2
337POCN	16.00	36	07/ /1951	8	3.0	0.2	H	--	GA DB 3
337POCN	0.00	--	05/ /1950	20	20.0	--	H	--	GA DB 4
337POCN	20.00	--	10/ /1947	7	1.0	--	H	--	GA DB 5
341JNGS	25.00	--	--	--	--	--	H	J	GA DB 6
337POCN	--	--	--	--	--	--	U	--	GA DB 7
341JNGS	18.00	32	10/ /1948	40	1.0	1.3	H	--	GA DB 8
337POCN	0.00	90	07/26/1950	130	20.0	1.4	P	--	GA DB 12
337POCN	0.00	21	03/15/1947	30	--	1.4	U	--	GA DB 13
337POCN	--	35	08/ /1951	50	--	1.4	U	P	GA DB 14
337POCN	--	--	--	--	--	--	U	--	GA DB 15
341JNGS	--	--	--	--	--	--	H	P	GA DB 17
337POCN	--	--	--	--	--	--	U	--	GA DB 18
331GRBR	--	--	1939	1	--	--	U	--	GA DB 19
341HMPR	10.00	10	08/ /1951	8	--	0.8	H	--	GA DB 20
337POCN	8.00	47	12/10/1951	60	24.0	1.3	P	--	GA DB 21
341HMPR	20.00	20	09/29/1951	8	2.0	0.4	H	--	GA DB 22
341JNGS	30.00	25	06/ /1952	5	2.0	0.2	H	--	GA DB 23
341JNGS	32.00	--	--	--	--	--	H	--	GA DB 24
337POCN	45.00	155	05/ /1952	10	2.0	0.1	H	--	GA DB 25
337POCN	45.00	135	05/ /1952	10	10.0	0.1	H	--	GA DB 26
331GRBR	4.00	6	11/29/1957	150	24.0	25.0	Z	--	GA DB 27
341HMPR	25.00	--	--	--	--	--	H	--	GA DB 29
341HMPR	27.00	--	09/08/1966	25	--	--	C	--	GA DB 30
341JNGS	50.00	50	08/24/1973	6	3.0	0.1	H	S	GA DB 31
341JNGS	60.00	80	10/02/1971	5	3.0	0.1	H	S	GA DB 32
341JNGS	47.00	248	07/06/1973	1	1.0	0.0	H	S	GA DB 33
341JNGS	37.00	361	11/02/1972	0.5	1.0	0.0	H	S	GA DB 34
341JNGS	33.00	267	10/30/1972	2	1.0	0.0	H	S	GA DB 35
341JNGS	40.00	120	03/29/1973	6	1.0	0.1	H	S	GA DB 36
341JNGS	40.00	35	11/14/1972	8	3.0	0.2	H	S	GA DB 37

WATER USE CODES

H DOMESTIC
U UNUSED
T INSTITUTION
P PUBLIC SUPPLY
C COMMERCIAL
Z OTHER

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON
J JET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA DB 38	GA-73-0349	KITZMILLER, GERALD	C DILLEY	08/03/1973	2550	130.00	6	22
GA DB 39	GA-73-0250	BEEGHLY, JAMES	J BRENNEMAN	06/13/1973	2620	238.00	6	41
GA DB 40	GA-73-0300	LEWIS, PAUL	C DILLEY	06/27/1973	2420	130.00	6	22
GA DB 41	GA-73-0163	MURPHY, BETTY	D DILLEY	05/10/1973	2490	93.00	5	24
GA DB 42	GA-73-0154	HICKS	D DILLEY	05/04/1973	2530	134.00	5	30
GA DB 43	GA-73-0232	MAYLE, DAISY	D DILLEY	07/09/1973	2600	164.00	5	25
GA DB 44	GA-73-0283	LEWIS, STEVE	C DILLEY	06/25/1973	2425	155.00	6	22
GA DB 45	GA-73-0196	SHIRER, WILLIAM	D DILLEY	05/18/1973	2460	138.00	5	24
GA DB 46	GA-73-0318	CALLIS, C J	D DILLEY	05/18/1974	2440	78.00	6	21
GA DB 47	GA-73-0322	BISER, DOYLE	C DILLEY	07/11/1973	2570	160.00	6	22
GA DB 48	GA-73-0046	BIETZEL, PAUL	C DILLEY	09/12/1972	2575	130.00	6	20
GA DB 49	GA-73-0167	BITTNER, NEVIN	J BRENNEMAN	10/01/1973	2515	180.00	6	43
GA DB 50	GA-73-0072	BURKE, GERALD	J BRENNEMAN	09/26/1972	2530	150.00	6	79
GA DB 51	GA-73-0278	RECKARD, JAMES	D DILLEY	08/14/1973	2600	138.00	5	24
GA DB 52	GA-73-0277	RECKARD, KENNETH	D DILLEY	08/10/1973	2595	93.00	5	25
GA DB 53	GA-73-0127	HARVEY BROTHERS FARM	C DILLEY	10/27/1972	2505	100.00	6	33
GA DB 54	GA-73-0347	WARNICK, CLIFFORD D	D DILLEY	08/16/1973	2690	117.00	5	21
GA DB 55	GA-73-0534	MARTIN, BILL	C DILLEY	03/12/1974	2570	130.00	6	23
GA DB 56	GA-73-0544	MILLER, CARSON	D DILLEY	06/18/1974	2445	90.00	5	24
GA DB 57	GA-73-0447	SHAFFER, KENNETH	D DILLEY	10/20/1973	2545	168.00	5	22
GA DB 59	GA-73-0775	SAVAGE, GILBERT W	C DILLEY	10/17/1974	2440	100.00	6	24
GA DB 60	GA-73-0627	TOOLS UNLIMITED	J BRENNEMAN	07/17/1974	2510	177.00	6	40
GA DB 61	GA-73-0740	THOMAS, TERRANCE J	L FORD	01/03/1975	2530	180.00	6	31
GA DB 62	GA-73-0764	EDWARDS, HARRY	M TRESSLER	10/03/1974	2585	185.00	6	21
GA DB 63	GA-73-0749	POWLES, CHARLES	L FORD	11/21/1974	2570	176.00	6	29
GA DB 64	GA-73-0649	SMITH, TROY	D DILLEY	10/04/1974	2490	183.00	5	21
GA DB 65	GA-73-0696	LILLER, DOUGLAS	C DILLEY	09/28/1974	2540	180.00	6	24
GA DB 66	GA-73-0676	MARTIN, BILL R	C DILLEY	08/23/1974	2485	115.00	6	24
GA DB 67	GA-73-0677	MARTIN, BILL R	C DILLEY	08/24/1974	2475	115.00	6	24
GA DB 68	GA-73-0768	MARTIN, BILL R	C DILLEY	02/27/1975	2460	115.00	6	24
GA DB 69	GA-73-0600	SWARTEK, ANN	C DILLEY	06/30/1974	2490	160.00	6	24
GA DB 70	GA-73-0678	BAKER, RICHARD	C DILLEY	07/13/1974	2480	100.00	6	24
GA DB 71	GA-73-0624	CROSCO, TONY G	C DILLEY	06/24/1974	2470	130.00	6	24
GA DB 72	GA-73-1201	MARTIN, BILL	D DILLEY	08/24/1976	2470	138.00	5	21
GA DB 73	GA-73-0789	VOLKMAN, STEVE	M TRESSLER	10/19/1974	2645	125.00	6	22
GA DB 74	GA-73-1318	TICHNELL, GEORGE	G CARPENTER	11/20/1976	2500	98.00	6	21
GA DB 75	GA-73-1126	SMITH, RICHARD	D DILLEY	06/21/1976	2550	168.00	5	22
GA DB 76	GA-73-0242	ISENSEE, PHIL	J BRENNEMAN	05/09/1973	2515	155.00	6	--
GA DB 77	GA-73-0096	SISLER, MABEL	J BRENNEMAN	09/22/1972	2665	90.00	--	--
GA DB 78	GA-01-3561	TOWN OF OAKLAND	W KELLEY	12/31/1953	2415	353.00	10	23
GA DB 79	GA-01-4135	TOWN OF OAKLAND	W KELLEY	04/01/1954	2450	353.00	10	23
GA DB 80	GA-73-0741	GARRETT CO LANDFILL	J BRENNEMAN	10/02/1974	2520	296.00	6	40
GA DB 81	GA-73-0913	GARRETT ANIMAL SHLTR	D DILLEY	08/23/1975	2535	213.00	5	24
GA DB 82	GA-73-0340	WAMPLER, PAUL F	J BRENNEMAN	07/31/1973	2510	158.00	6	56
GA DB 83	GA-73-0372	WHITE, LESTER D	J BRADLEY	08/09/1973	2585	300.00	6	45
GA DB 84	GA-73-0444	HOAG, ROBERT C	J BRENNEMAN	11/01/1973	2680	195.00	6	42
GA DB 85	GA-70-0146	HARVEY, DALE	M TRESSLER	06/27/1970	2680	82.00	6	22
GA DB 86	GA-73-1478	SPIKER, ADRIAN	G FORD	08/08/1977	2525	164.00	7	29
GA DB 87	--	TOWN OF OAKLAND	--	1919	2500	67.00	--	--
GA DB 88	--	TOWN OF OAKLAND	--	1919	2500	150.00	--	--
GA DC 1	GA-00-6377	TWIGG, F M	A BRENNEMAN	08/ /1950	2500	150.00	6	41
GA DC 2	GA-00-2777	PENTZ, WILLIAM H	A BRENNEMAN	09/ /1948	2510	125.00	6	32
GA DC 3	GA-00-2722	SHAFFER, WALTER	A BRENNEMAN	08/ /1948	2510	151.00	6	42
GA DC 4	GA-00-6542	RECKARD, CHARLES C	A BRENNEMAN	08/ /1950	2510	175.00	6	39
GA DC 5	--	HYVARINEN, ERIC	A BRENNEMAN	05/ /1948	2515	125.00	6	--
GA DC 6	GA-00-0754	MORLEY, CLARENCE	SKIPPER	08/ /1946	2520	61.00	6	15
GA DC 7	GA-00-0755	MADIGAN, EDWARD	SKIPPER	08/ /1946	2520	97.00	6	16
GA DC 8	GA-00-1388	DUNCAN, WILLIAM	SKIPPER	10/ /1947	2480	96.00	6	--
GA DC 9	GA-00-0813	BESS, ROBERT	KELLEY	09/ /1946	2470	68.00	6	14
GA DC 10	GA-00-0671	BATEMAN, CLARENCE	MILLER	07/ /1946	2540	65.00	6	--

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341JNGS	30.00	40	08/03/1973	5	2.0	0.1	H	S	GA DB 38
321CNMG	21.00	217	06/13/1973	2	1.0	0.0	H	S	GA DB 39
321CNMG	70.00	30	06/27/1973	5	2.0	0.2	H	S	GA DB 40
321CNMG	25.00	40	05/10/1973	8	3.0	0.2	H	S	GA DB 41
321CNMG	40.00	40	05/04/1973	12	3.0	0.3	H	S	GA DB 42
321CNMG	50.00	75	07/09/1973	15	3.0	0.2	H	S	GA DB 43
324PVAG	100.00	25	06/25/1973	8	2.0	0.3	H	S	GA DB 44
341HMPR	25.00	35	05/18/1973	14	3.0	0.4	C	S	GA DB 45
341HMPR	25.00	--	05/18/1974	10	2.0	--	C	S	GA DB 46
341HMPR	50.00	30	07/11/1973	5	2.0	0.2	H	S	GA DB 47
341HMPR	70.00	30	09/12/1972	4	4.0	0.1	H	S	GA DB 48
324PVAG	23.00	157	10/01/1973	5	1.0	0.0	H	S	GA DB 49
331MCCK	31.00	119	09/26/1972	3	1.0	0.0	H	S	GA DB 50
341HMPR	44.00	57	08/14/1973	10	2.0	0.2	H	S	GA DB 51
341HMPR	40.00	20	08/10/1973	10	4.0	0.5	H	S	GA DB 52
341HMPR	20.00	70	10/27/1972	15	2.0	0.2	C	S	GA DB 53
337POCN	2.00	88	08/16/1973	4	3.0	0.0	H	S	GA DB 54
341HMPR	60.00	30	03/12/1974	4	4.0	0.1	H	S	GA DB 55
341HMPR	28.00	12	06/18/1974	8	3.0	0.7	H	S	GA DB 56
341JNGS	50.00	70	10/20/1973	6	5.0	0.1	H	S	GA DB 57
341HMPR	60.00	20	10/17/1974	5	1.0	0.3	H	S	GA DB 59
337POCN	1.00	176	07/17/1974	4	1.0	0.0	C	S	GA DB 60
341HMPR	38.00	142	01/03/1975	10	2.0	0.1	H	S	GA DB 61
341JNGS	80.00	--	10/03/1974	20	1.0	--	H	S	GA DB 62
341JNGS	68.00	108	11/21/1974	15	2.0	0.1	H	S	GA DB 63
341JNGS	40.00	80	10/04/1974	8	3.0	0.1	H	S	GA DB 64
341JNGS	100.00	40	09/28/1974	5	3.0	0.1	H	S	GA DB 65
341HMPR	40.00	50	08/23/1974	3	1.0	0.1	H	S	GA DB 66
341HMPR	60.00	40	08/24/1974	5	1.0	0.1	H	S	GA DB 67
341HMPR	50.00	40	02/27/1975	15	1.0	0.4	H	S	GA DB 68
341JNGS	70.00	60	06/30/1974	5	3.0	0.1	H	S	GA DB 69
341JNGS	40.00	30	07/13/1974	5	1.0	0.2	H	S	GA DB 70
341JNGS	60.00	30	06/24/1974	3	1.0	0.1	H	S	GA DB 71
341HMPR	45.00	45	08/24/1976	7	3.0	0.2	H	S	GA DB 72
321CNMG	36.00	--	10/19/1974	7	1.0	--	H	S	GA DB 73
341JNGS	76.00	--	11/20/1976	15	0.5	--	H	S	GA DB 74
341JNGS	40.00	80	06/21/1976	6	3.0	0.1	H	S	GA DB 75
331MCCK	51.00	104	05/09/1973	51	1.0	0.5	H	S	GA DB 76
324PVAG	23.00	67	09/22/1972	0.5	1.0	0.0	H	S	GA DB 77
331GRBR	60.00	85	12/31/1953	60	100.0	0.7	U	--	GA DB 78
331GRBR	0.00	--	--	--	--	--	U	--	GA DB 79
321CNMG	93.00	203	10/02/1974	1	1.0	0.0	H	S	GA DB 80
331MCCK	75.00	75	08/23/1975	12	3.0	0.2	H	S	GA DB 81
341JNGS	31.00	127	07/31/1973	3	1.0	0.0	H	S	GA DB 82
341JNGS	50.00	250	08/09/1973	2	1.5	0.0	H	S	GA DB 83
337POCN	10.00	185	11/01/1973	3	1.0	0.0	C	S	GA DB 84
337POCN	17.00	--	06/27/1970	9	1.0	--	C	S	GA DB 85
341JNGS	11.00	153	08/08/1977	5	1.0	0.0	H	S	GA DB 86
337POCN	62.45	--	--	--	--	--	--	--	GA DB 87
337POCN	7.00	--	--	--	--	--	--	--	GA DB 88
341HMPR	27.00	13	08/ /1950	18	2.0	1.4	H	--	GA DC 1
341HMPR	48.00	77	09/ /1948	20	2.0	0.3	H	P	GA DC 2
341HMPR	55.00	96	08/ /1948	20	2.0	0.2	H	P	GA DC 3
341HMPR	50.00	125	08/ /1950	18	2.0	0.1	H	J	GA DC 4
341HMPR	--	--	--	--	--	--	H	P	GA DC 5
341JNGS	18.00	--	08/ /1946	20	2.0	--	H	P	GA DC 6
341JNGS	38.00	--	08/ /1946	20	2.0	--	H	P	GA DC 7
341JNGS	20.00	--	10/ /1947	6	1.0	--	H	--	GA DC 8
341JNGS	26.00	--	09/ /1946	15	1.0	--	H	--	GA DC 9
341HMPR	18.00	12	07/ /1946	5	0.5	0.4	H	J	GA DC 10

WATER USE CODES

H DOMESTIC
C COMMERCIAL
U UNUSED

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON
J JET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA DC 11	GA-00-0708	HOLY CROSS HOUSE	A BRENNEMAN	08/ /1946	2480	150.00	6	36
GA DC 12	GA-00-0777	GIBSON, GORDON	SKIPPER	09/ /1946	2480	77.00	6	23
GA DC 13	GA-00-6942	MARSHALL, R B	DILLEY	01/ /1951	2470	95.00	6	18
GA DC 14	GA-00-6944	VOSS, WINKLE	DILLEY	01/ /1951	2470	90.00	6	20
GA DC 15	GA-00-6943	DELL, N M	DILLEY	01/ /1951	2470	80.00	6	21
GA DC 16	GA-00-6945	GRIFFITHS, SAMUEL E	DILLEY	05/ /1951	2470	80.00	6	30
GA DC 17	GA-00-8223	KAMINICK, J K	DILLEY	07/ /1951	2470	80.00	6	10
GA DC 18	GA-00-6910	SMITH, PERRY	BUSER	11/ /1950	2520	171.00	6	28
GA DC 19	GA-00-6043	SMITH, PERRY	BUSER	06/ /1950	2520	156.00	6	22
GA DC 20	GA-00-1006	HAMILTON, ROBERT	MILLER	12/ /1946	2480	70.00	6	--
GA DC 21	GA-00-1796	WOLVERTON, J H	A BRENNEMAN	09/ /1947	2480	100.00	6	30
GA DC 22	--	FRIEND, CLAUDE D	--	1900	2500	75.00	--	--
GA DC 24	GA-00-1911	HARRIS, G G	A BRENNEMAN	10/ /1947	2490	80.00	6	22
GA DC 25	--	KEENER, R R	A BRENNEMAN	1940	2490	75.00	6	32
GA DC 26	GA-00-9218	CLABAUGH, JOHN	DILLEY	01/ /1950	2500	91.00	6	21
GA DC 27	GA-00-1690	CLARKE, A P	A BRENNEMAN	08/ /1947	2520	75.00	6	20
GA DC 28	GA-00-1669	DUNLAP, BERTHA	A BRENNEMAN	08/ /1947	2500	100.00	6	32
GA DC 30	GA-00-8222	LAFFERTY, T	DILLEY	07/ /1951	2470	84.00	6	16
GA DC 31	GA-01-0255	GOEBELS, WILLIAM	TRESSLER	06/ /1952	2480	84.00	6	29
GA DC 32	--	LEMMERT, GEORGE	TRESSLER	1952	2480	--	--	--
GA DC 33	GA-01-0678	WALKER, CLARENCE	TRESSLER	07/ /1952	2480	55.00	6	28
GA DC 34	GA-01-0600	WHEELAN, JOSEPH R	TRESSLER	07/ /1952	2490	63.50	6	21
GA DC 35	GA-01-0042	CLARK, CARL	MILLER	05/ /1952	2470	101.00	6	--
GA DC 36	GA-01-0068	MARTIN, WILLIAM	MILLER	05/ /1952	2480	102.00	6	--
GA DC 37	GA-01-0133	KINGSLEY, THOMAS H	MILLER	05/ /1952	2480	107.00	6	--
GA DC 38	GA-01-0134	BOWSER, CHARLES B	MILLER	05/ /1952	2470	102.00	6	--
GA DC 39	GA-00-8910	WARWICK, ALONZO	DILLEY	10/ /1951	2510	55.00	6	14
GA DC 40	GA-01-0565	KIMMELL, BURT	DILLEY	07/ /1952	2500	48.00	6	10
GA DC 41	GA-00-8838	BAITMAN, JAMES	DILLEY	06/ /1952	2530	75.00	6	18
GA DC 42	GA-00-8785	OBENSHAIN, D N	DILLEY	10/ /1951	2480	75.00	6	21
GA DC 43	GA-01-0714	REEVES, HARRY	TRESSLER	08/ /1952	2480	71.50	6	23
GA DC 44	GA-00-5957	HOKOJ, IGNATIUS P	A BRENNEMAN	06/ /1950	2550	130.00	6	28
GA DC 45	GA-00-5955	SULLIVAN, J E	A BRENNEMAN	05/ /1950	2510	80.00	6	49
GA DC 46	GA-00-1670	ARNOLD, F A	A BRENNEMAN	08/ /1947	2520	100.00	6	43
GA DC 47	GA-00-5956	JEWELL, CLAUDE	A BRENNEMAN	06/ /1950	2510	85.00	6	41
GA DC 48	GA-00-9599	KAHL, ALBERT	DILLEY	03/ /1952	2550	125.00	6	18
GA DC 49	GA-01-0569	FRAZEE, SAM	A BRENNEMAN	08/ /1952	2500	250.00	6	41
GA DC 50	GA-73-0015	BURTON, LOYAL	C DILLEY	08/03/1972	2590	250.00	6	22
GA DC 51	GA-73-0147	WITHINGTON	C DILLEY	01/20/1973	2675	200.00	6	24
GA DC 52	GA-73-0013	ALLEN, DON	C DILLEY	08/08/1972	2630	235.00	6	22
GA DC 53	GA-73-0175	HUEBNER, ROBERT	C DILLEY	03/07/1973	2675	220.00	6	23
GA DC 54	GA-73-0115	WATERS, PAUL	C DILLEY	11/03/1972	2635	230.00	6	23
GA DC 55	GA-73-0361	JOHNSON, ROBERT	C DILLEY	09/12/1973	2630	200.00	6	23
GA DC 56	GA-73-0505	HARPOLE, PHILIP	G CARPENTER	12/15/1973	2615	273.00	6	45
GA DC 57	GA-73-0351	BIETTE, RUSS	J BRENNEMAN	10/19/1973	2690	260.00	6	41
GA DC 58	GA-73-0320	SCOTT, DAVID E	G CARPENTER	08/01/1973	2660	323.00	6	22
GA DC 59	GA-73-0251	MILLER, GUY	J BRENNEMAN	06/16/1973	2575	255.00	6	40
GA DC 60	GA-73-0333	DAVIS, JAMES C	D DILLEY	08/02/1973	2490	168.00	5	22
GA DC 61	GA-73-0366	DEWITT, WILBUR	D DILLEY	09/03/1973	2615	301.00	5	22
GA DC 62	GA-73-0335	ROSS, WILLIAM	D DILLEY	08/21/1973	2500	288.00	5	29
GA DC 63	GA-73-0098	SHOEMAN, JIM	M TRESSLER	10/09/1972	2475	125.00	6	21
GA DC 64	GA-73-0170	MCROBIE, NELLIE	H JOHNSON	05/31/1973	2540	52.00	6	21
GA DC 65	GA-73-0176	BROADWATER, DALE	C DILLEY	02/07/1973	2545	115.00	6	23
GA DC 66	GA-73-0172	MOORE, ROBERT	D DILLEY	06/12/1973	2485	138.00	5	25
GA DC 67	GA-73-0387	MADIGAN, MASON	J BRADLEY	09/06/1973	2510	142.00	5.63	32
GA DC 68	GA-73-0371	LOOMIS, DONALD W	M TRESSLER	07/25/1973	2585	165.00	6	--
GA DC 69	GA-73-0334	BELL, JAY	D DILLEY	09/18/1973	2775	212.00	5	21
GA DC 70	GA-73-0130	PAUGH, ALLEN	C DILLEY	10/24/1972	2585	130.00	6	27
GA DC 71	GA-73-0348	DOVE, ARLIE C	C DILLEY	07/30/1973	2490	160.00	6	23
GA DC 72	GA-73-0043	KNOX, FLORENCE	C DILLEY	08/24/1972	2590	100.00	6	22

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341JNGS	20.00	10	08/ /1946	12	2.0	1.2	T	--	GA DC 11
341JNGS	25.00	--	09/ /1946	15	1.0	--	H	P	GA DC 12
341HMPR	25.00	15	01/ /1951	10	6.0	0.7	H	--	GA DC 13
341HMPR	22.00	22	01/ /1951	8	5.0	0.4	H	--	GA DC 14
341HMPR	30.00	12	01/ /1951	12	5.0	1.0	H	--	GA DC 15
341HMPR	10.00	12	05/ /1951	12	2.0	1.0	H	--	GA DC 16
341HMPR	15.00	14	07/ /1951	10	2.0	0.7	H	--	GA DC 17
341JNGS	31.00	109	11/ /1950	3	1.0	0.0	H	P	GA DC 18
341JNGS	42.00	--	06/ /1950	3	0.5	--	H	P	GA DC 19
341JNGS	15.00	15	12/ /1946	10	1.0	0.7	H	P	GA DC 20
341JNGS	20.00	80	09/ /1947	4	2.0	0.1	H	--	GA DC 21
341JNGS	25.00	--	--	--	--	--	H	P	GA DC 22
341HMPR	24.00	--	10/ /1947	24	2.0	--	H	J	GA DC 24
341HMPR	30.00	--	--	--	--	--	H	--	GA DC 25
341JNGS	30.00	30	01/ /1952	10	4.0	0.3	H	--	GA DC 26
341HMPR	20.00	--	08/ /1947	20	2.0	--	H	--	GA DC 27
341HMPR	45.00	--	08/ /1947	45	2.0	--	H	--	GA DC 28
341HMPR	16.00	24	07/ /1951	10	2.0	0.4	H	--	GA DC 30
341JNGS	20.00	45	06/ /1952	15	1.0	0.3	H	--	GA DC 31
341JNGS	--	--	--	--	--	--	H	--	GA DC 32
341JNGS	--	--	07/ /1952	15	--	--	H	--	GA DC 33
341JNGS	20.00	4	07/ /1952	23	--	5.8	H	--	GA DC 34
341HMPR	14.00	--	--	--	--	--	H	--	GA DC 35
341HMPR	12.00	10	05/ /1952	8	1.0	0.8	H	J	GA DC 36
341HMPR	14.00	--	--	--	--	--	H	--	GA DC 37
341JNGS	24.00	--	--	--	--	--	H	--	GA DC 38
341JNGS	20.00	28	10/ /1951	3	2.0	0.1	H	--	GA DC 39
341HMPR	16.00	22	07/30/1952	8	2.0	0.4	H	--	GA DC 40
341HMPR	12.00	11	06/ /1952	10	2.0	0.9	H	--	GA DC 41
341JNGS	25.00	10	10/ /1951	8	2.0	0.8	H	--	GA DC 42
341JNGS	22.00	28	08/ /1952	15	--	0.5	H	--	GA DC 43
341HMPR	20.00	60	06/ /1950	20	2.0	0.3	H	--	GA DC 44
341HMPR	30.00	--	05/ /1950	20	2.0	--	H	--	GA DC 45
341HMPR	44.00	--	08/ /1947	20	2.0	--	H	P	GA DC 46
341HMPR	30.00	--	06/ /1950	20	2.0	--	H	--	GA DC 47
337POCN	55.00	40	03/ /1952	6	2.0	0.2	H	--	GA DC 48
341HMPR	45.00	15	08/ /1952	20	--	1.3	H	--	GA DC 49
341HMPR	121.00	109	08/03/1972	1	5.0	0.0	H	S	GA DC 50
341HMPR	120.00	40	01/20/1973	3	4.0	0.1	H	S	GA DC 51
341HMPR	120.00	60	08/08/1972	2	2.0	0.0	H	S	GA DC 52
341HMPR	60.00	120	03/07/1973	5	2.0	0.0	H	S	GA DC 53
341HMPR	100.00	90	11/03/1972	3	5.0	0.0	H	S	GA DC 54
341HMPR	50.00	110	09/12/1973	5	3.0	0.0	H	S	GA DC 55
341HMPR	70.00	120	12/15/1973	1	0.5	0.0	H	S	GA DC 56
341HMPR	63.00	197	10/19/1973	3	1.0	0.0	H	S	GA DC 57
341HMPR	258.00	65	08/01/1973	2	0.5	0.0	H	S	GA DC 58
341HMPR	51.00	204	06/16/1973	3	1.0	0.0	H	S	GA DC 59
341JNGS	40.00	80	08/02/1973	8	3.0	0.1	H	S	GA DC 60
341JNGS	45.00	205	09/03/1973	4	5.0	0.0	H	S	GA DC 61
341JNGS	65.00	175	08/21/1973	3	3.0	0.0	H	S	GA DC 62
341JNGS	42.00	83	10/09/1972	5	1.0	0.1	H	S	GA DC 63
341JNGS	10.00	12	05/31/1973	6	2.0	0.5	H	S	GA DC 64
341JNGS	50.00	50	02/07/1973	5	2.0	0.1	H	S	GA DC 65
341JNGS	30.00	60	06/12/1973	12	3.0	0.2	H	S	GA DC 66
341JNGS	40.00	102	09/06/1973	4	1.5	0.0	C	S	GA DC 67
341JNGS	82.00	83	07/25/1973	5	1.0	0.1	H	P	GA DC 68
341HMPR	100.00	60	09/18/1973	10	3.0	0.2	H	S	GA DC 69
341JNGS	60.00	30	10/24/1972	6	2.0	0.2	H	S	GA DC 70
341JNGS	40.00	80	07/30/1973	6	2.0	0.1	H	S	GA DC 71
341JNGS	60.00	20	08/24/1972	5	3.0	0.3	H	S	GA DC 72

WATER USE CODES

T INSTITUTION
H DOMESTIC
C COMMERCIAL

LIFT TYPE CODES

P PISTON
J JET
S SUBMERSIBLE

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA DC 73	GA-73-0243	KITZMILLER, ARTHUR	G CARPENTER	05/16/1973	2610	147.00	6.63	23
GA DC 74	GA-73-0073	KOLKHORST, LAWERNCE	J BRENNEMAN	09/16/1972	2485	120.00	6	41
GA DC 75	GA-73-0025	KERREKES, KATHLENE	C DILLEY	08/21/1972	2545	100.00	6	22
GA DC 76	GA-73-0209	MCMAHON, JOHN M	J BRENNEMAN	05/18/1973	2640	372.00	6	41
GA DC 77	GA-73-0221	SPORE, JACK	J BRENNEMAN	05/15/1973	2615	218.00	6	42
GA DC 78	GA-73-0308	PARISEAU, CHARLES	M TRESSLER	07/19/1973	2620	226.00	6	21
GA DC 79	GA-73-0364	ROHRBAUGH, RICHARD	J BRADLEY	08/08/1973	2625	300.00	6	25
GA DC 80	GA-73-0239	DUNDAS, JAMES	C DILLEY	05/10/1973	2705	250.00	6	20
GA DC 81	GA-73-0208	BOWLING, MARSHALL	J BRENNEMAN	05/22/1973	2635	300.00	6	41
GA DC 82	GA-73-0289	HEISE, WILLIAM K	J BRENNEMAN	07/05/1973	2610	258.00	6	41
GA DC 83	GA-73-0290	HEISE, WILLIAM K	J BRENNEMAN	07/12/1973	2600	238.00	6	41
GA DC 84	GA-73-0241	HERMAN, ROBERT J	G CARPENTER	07/28/1973	2575	155.00	6	23
GA DC 85	GA-73-0383	PRICE, JOHN	J BRADLEY	08/15/1973	2490	120.00	5.63	29
GA DC 86	GA-01-2002	BOHN	J MILLER	03/30/1953	2480	106.00	5.63	17
GA DC 87	GA-73-0543	FRANTZ, PAUL	D DILLEY	05/14/1974	2600	108.00	6	22
GA DC 88	GA-73-0902	JAMES, ROBERT	J BRADLEY	07/24/1975	2580	340.00	6	30
GA DC 89	GA-73-0589	BURNETT, RALPH	L FORD	05/27/1974	2620	203.00	6	23
GA DC 90	GA-73-0541	LARVE, JAMES	G FORD	03/29/1974	2650	180.00	6	22
GA DC 91	GA-73-0462	THOMPSON, ROBERT	J BRENNEMAN	10/24/1973	2645	295.00	6	45
GA DC 92	GA-73-0463	PRAUHS, ADOLF	J BRENNEMAN	10/29/1973	2660	265.00	6	44
GA DC 93	GA-73-0605	SACK, JOHN L	G FORD	06/03/1974	2520	240.00	6	22
GA DC 94	GA-73-0592	GRAHAM, OWEN A	G FORD	05/13/1974	2530	160.00	6	40
GA DC 95	GA-73-0265	MAGANZINI, H	J BRENNEMAN	07/14/1973	2480	120.00	6	41
GA DC 96	GA-73-0495	SMITH, JOSEPH	M TRESSLER	12/06/1973	2485	83.00	6	21
GA DC 97	GA-73-0510	MADISON, L E	J BRENNEMAN	02/20/1974	2485	195.00	6	38
GA DC 98	GA-73-0590	BELL, CHARLES M	G FORD	05/11/1974	2480	100.00	6	--
GA DC 99	GA-73-0780	PETROSKY, JOSEPH	G FORD	11/07/1974	2480	60.00	6	--
GA DC 100	GA-73-0194	GREENE, ROBERT	G CARPENTER	04/28/1973	2485	197.00	6	32
GA DC 101	GA-73-0086	KOOKEN, KENNETH	G FORD	02/28/1973	2490	80.00	6	21
GA DC 102	GA-73-0200	PLUMMER, HOWARD	L FORD	04/23/1973	2485	102.00	6	54
GA DC 103	GA-73-0306	PUMPHREY, ROBERT	M TRESSLER	07/02/1973	2510	103.00	6	21
GA DC 104	GA 73 0642	KIRK, CLARENCE	G FORD	06/25/1974	2500	60.00	6	41
GA DC 105	GA-73-0515	HAHN, CARROLL	G CARPENTER	01/20/1974	2480	173.00	6	22
GA DC 106	GA-73-0030	SCHUMZZI, FRANK	J BRENNEMAN	10/21/1972	2520	298.00	6	41
GA DC 107	GA-73-0612	DAUGHERTY, JAMES G	M TRESSLER	05/19/1974	2660	185.00	--	--
GA DC 108	GA-73-0611	SPANO, PHILIP	M TRESSLER	06/03/1974	2620	200.00	6	20
GA DC 109	GA-73-0700	CALLIS, MASON W	C DILLEY	09/30/1974	2610	225.00	6	25
GA DC 110	GA-73-0797	RAGER, BRUCE	C DILLEY	11/27/1974	2635	250.00	6	24
GA DC 111	GA-73-0494	KIERSTEAD, LEAH	M TRESSLER	11/09/1973	2635	165.00	6	21
GA DC 112	GA-73-0684	PRATT, WILLIAM	J BRADLEY	08/15/1974	2525	105.00	6	30
GA DC 113	GA-73-0597	ILMHOFF, JIM	D DILLEY	09/03/1974	2500	93.00	5	21
GA DC 114	GA-73-0606	BOSELOWITZ, ROBERT	D DILLEY	06/26/1974	2540	108.00	5	26
GA DC 115	GA-73-0750	MACDONALD, JOHN H	J BRADLEY	11/27/1974	2560	138.00	6	29
GA DC 116	GA-73-0576	MADIGAN, CHARLES	D DILLEY	06/16/1974	2575	228.00	5	26
GA DC 117	GA-73-0742	PATTERSON, GEORGE P	J BRENNEMAN	11/28/1974	2475	198.00	6	40
GA DC 118	GA-73-0637	PEAKE, RICHARD H	G FORD	06/16/1975	2500	120.00	6	63
GA DC 119	GA-73-0398	BUCHANAN, PAUL A	J BRADLEY	08/14/1973	2485	185.00	6	--
GA DC 120	GA-73-0036	MITTER, CHARLES H	J BRADLEY	08/28/1973	2490	213.00	5.63	23
GA DC 121	GA-73-0635	GREEN, THOMAS L	J BRENNEMAN	07/01/1974	2505	120.00	6	40
GA DC 122	GA-73-0646	BRANTNER, JAMES E	H JOHNSON	09/12/1974	2475	50.00	6	21
GA DC 123	GA-73-0900	GWIN, EARL	J BRADLEY	07/24/1975	2480	60.00	6	18
GA DC 124	GA-73-0882	WELCH, FRANKLIN	D DILLEY	06/18/1975	2500	123.00	6	24
GA DC 125	GA-73-0572	MADIGAN, NILES	J BRADLEY	08/10/1974	2510	257.00	6	22
GA DC 126	GA-73-0769	RHODES, JULIA	D DILLEY	02/15/1975	2560	192.00	5	21
GA DC 127	GA-73-0674	STONHAM, JERRY	C DILLEY	08/19/1974	2560	175.00	6	24
GA DC 128	GA-73-0697	DOUGLAS BOAT CO	C DILLEY	08/21/1974	2560	140.00	6	24
GA DC 129	GA-73-0428	HINDBAUGH, GARY	J BRADLEY	09/06/1973	2440	65.00	6	23
GA DC 130	GA-73-0422	KEETON, J E	D DILLEY	10/24/1973	2480	280.00	5	21
GA DC 131	GA-73-0689	LEAR, W E	J BRENNEMAN	08/21/1974	2515	405.00	6	40
GA DC 132	GA-73-0482	DEER PARK FIRE DEPT	G CARPENTER	03/17/1974	2540	258.00	6	22

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341HMPR	100.00	25	05/16/1973	25	0.5	1.0	H	S	GA DC 73
341JNGS	27.00	93	09/16/1972	5	1.0	0.1	H	S	GA DC 74
341JNGS	50.00	30	08/21/1972	3	3.0	0.1	H	S	GA DC 75
341HMPR	52.00	320	05/18/1973	2	1.0	0.0	H	S	GA DC 76
341HMPR	49.00	169	05/15/1973	3	1.0	0.0	H	S	GA DC 77
341HMPR	135.00	91	07/19/1973	4	2.0	0.0	H	S	GA DC 78
341HMPR	50.00	250	08/08/1973	2	2.0	0.0	H	S	GA DC 79
341HMPR	70.00	130	05/10/1973	5	5.0	0.0	H	S	GA DC 80
341HMPR	71.00	229	05/22/1973	4	1.0	0.0	H	S	GA DC 81
341HMPR	74.00	184	07/05/1973	3	1.0	0.0	H	S	GA DC 82
341HMPR	71.00	167	07/12/1973	2	1.0	0.0	H	S	GA DC 83
341HMPR	130.00	15	07/28/1973	10	0.5	0.7	H	S	GA DC 84
341JNGS	25.00	95	08/15/1973	4	1.0	0.0	H	S	GA DC 85
341HMPR	12.00	6	03/30/1953	4	4.0	0.7	H	J	GA DC 86
341JNGS	30.00	50	05/14/1974	10	2.0	0.2	H	S	GA DC 87
341HMPR	100.00	--	07/24/1975	2	2.0	--	H	S	GA DC 88
341HMPR	76.00	127	05/27/1974	5	2.0	0.0	H	S	GA DC 89
341HMPR	23.00	157	03/29/1974	23	1.0	0.1	H	S	GA DC 90
341HMPR	64.00	231	10/24/1973	9	1.0	0.0	H	S	GA DC 91
341HMPR	77.00	188	10/29/1973	3	1.0	0.0	H	S	GA DC 92
341JNGS	50.00	186	06/03/1974	4	1.0	0.0	H	S	GA DC 93
341JNGS	32.00	128	05/13/1974	6	1.0	0.0	H	S	GA DC 94
341JNGS	27.00	93	07/14/1973	4	1.0	0.0	H	S	GA DC 95
341JNGS	18.00	--	12/06/1973	10	1.0	--	H	S	GA DC 96
341JNGS	21.00	174	02/20/1974	5	1.0	0.0	H	S	GA DC 97
341JNGS	12.00	88	05/11/1974	4	1.0	0.0	H	S	GA DC 98
341JNGS	3.00	57	11/07/1974	10	1.0	0.2	H	S	GA DC 99
341JNGS	100.00	50	04/28/1973	50	0.5	1.0	H	S	GA DC 100
341JNGS	32.00	48	02/28/1973	20	1.0	0.4	H	S	GA DC 101
341JNGS	12.00	90	04/23/1973	5	1.0	0.1	H	S	GA DC 102
341JNGS	38.00	--	07/02/1973	5	1.0	--	H	S	GA DC 103
341JNGS	10.00	50	06/25/1974	10	1.0	0.2	H	S	GA DC 104
341HMPR	90.00	50	01/20/1974	8	0.5	0.2	H	S	GA DC 105
341HMPR	84.00	214	10/21/1972	5	1.0	0.0	H	S	GA DC 106
341HMPR	90.00	--	05/19/1974	6	1.0	--	H	S	GA DC 107
341HMPR	82.00	--	06/03/1974	5	1.0	--	H	S	GA DC 108
341HMPR	175.00	25	09/30/1974	5	1.0	0.2	H	S	GA DC 109
341HMPR	170.00	50	11/27/1974	3	1.0	0.1	H	S	GA DC 110
341HMPR	50.00	--	11/09/1973	10	1.0	--	H	S	GA DC 111
341JNGS	40.00	--	08/15/1974	3	1.5	--	H	S	GA DC 112
341JNGS	25.00	25	09/03/1974	10	3.0	0.4	H	S	GA DC 113
341JNGS	30.00	30	06/26/1974	8	3.0	0.3	H	S	GA DC 114
341HMPR	45.00	--	11/27/1974	3	1.0	--	H	S	GA DC 115
341HMPR	90.00	80	06/16/1974	6	3.0	0.1	H	S	GA DC 116
341HMPR	87.00	111	11/28/1974	3	1.0	0.0	H	S	GA DC 117
341JNGS	30.00	90	06/16/1975	12	1.0	0.1	H	S	GA DC 118
341JNGS	40.00	--	08/14/1973	3	1.0	--	H	S	GA DC 119
341JNGS	50.00	--	08/28/1973	3	2.0	--	H	S	GA DC 120
341JNGS	31.00	89	07/01/1974	4	1.0	0.0	H	P	GA DC 121
341JNGS	6.00	24	09/12/1974	10	1.0	0.4	H	S	GA DC 122
341JNGS	8.00	--	07/24/1975	3	1.0	--	H	S	GA DC 123
341JNGS	20.00	38	06/18/1975	6	3.0	0.2	H	S	GA DC 124
341JNGS	35.00	--	08/10/1974	1	2.0	--	H	S	GA DC 125
341JNGS	90.00	80	02/15/1975	3	3.0	0.0	H	S	GA DC 126
341JNGS	40.00	110	08/19/1974	5	1.0	0.0	H	S	GA DC 127
341JNGS	20.00	80	08/21/1974	8	1.0	0.1	H	S	GA DC 128
341JNGS	8.00	--	09/06/1973	6	1.5	--	H	S	GA DC 129
341JNGS	45.00	155	10/24/1973	3	4.0	0.0	H	S	GA DC 130
341JNGS	2.00	--	08/21/1974	0.5	0.1	--	H	S	GA DC 131
341JNGS	200.00	38	03/17/1974	12	0.5	0.3	H	S	GA DC 132

WATER USE CODES

H DOMESTIC

LIFT TYPE CODES

S SUBMERSIBLE
J JET
P PISTON

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA DC 133	GA-73-0650	WILSON, KYLE G	C DILLEY	07/06/1974	2605	250.00	6	24
GA DC 134	GA-73-0442	FAZENBAKER, LEROY F	C DILLEY	11/05/1973	2605	175.00	6	23
GA DC 135	GA-73-1364	BERNARD, LEROY	J BRADLEY	01/05/1977	2605	120.00	6	36
GA DC 136	GA-71-0088	YACHT CLUB	M TRESSLER	04/18/1971	2505	165.00	6	21
GA DC 137	GA-71-0065	FOUR HOOPPOLE SOUTH	D DILLEY	10/07/1970	2490	245.00	5	27
GA DC 138	GA-71-0146	FOUR WINDS REHAB CTR	J BRENNEMAN	04/01/1971	2655	450.00	6	40
GA DD 1	GA-00-0082	ROWAN, LEO	A BRENNEMAN	02/ /1946	2910	120.00	6	21
GA DD 2	--	MCROBIE, LEE	DILLEY	1949	2910	45.00	6	--
GA DD 3	GA-00-0042	JOHNSTOWN COAL CO	A BRENNEMAN	09/ /1945	1930	315.00	6	37
GA DD 4	--	JOHNSTOWN COAL CO	--	1935	2330	310.00	6	--
GA DD 6	GA-00-0080	TASKER, O W	A BRENNEMAN	02/05/1946	2900	55.00	6	21
GA DD 7	--	WRIGHT, HALE	SKIPPER	06/ /1950	2290	55.00	6	20
GA DD 8	--	GEORGE, ELWOOD	--	1932	2530	75.00	6	--
GA DD 9	GA-00-9597	TASKER, FRED	DILLEY	03/ /1952	2750	50.00	6	20
GA DD 10	GA-73-0125	BAKER, DONALD	M TRESSLER	06/26/1973	2550	145.00	6	21
GA DD 11	GA-73-0210	LOHR, JAMES	M TRESSLER	03/29/1973	2560	103.00	6	21
GA DD 12	GA-73-0378	WALNUT BOTTOM CHURCH	J BRADLEY	10/13/1972	2630	170.00	5.63	31
GA DD 13	GA-73-0276	MT ZION CHURCH	J BRADLEY	06/13/1973	2610	260.00	5.63	38
GA DD 14	GA-73-0382	DUCKWORTH, JOE	J BRADLEY	08/17/1973	2595	260.00	5.63	31
GA DD 15	GA-73-0141	BROWN, ELWOOD	J BRADLEY	11/13/1973	2605	260.00	5.63	33
GA DD 16	GA-73-0301	SHARPLESS, RANDY	C DILLEY	06/28/1973	2790	175.00	6	22
GA DD 17	GA-73-0395	KITZMILLER, AURTER J	D DILLEY	09/25/1973	2905	93.00	5	21
GA DD 18	GA-73-0244	FRIEND, WILMER	C DILLEY	05/03/1973	2430	145.00	6	23
GA DD 19	GA-73-0094	STALMAKER, KENNETH	D DILLEY	10/19/1972	2850	106.00	5	22
GA DD 20	GA-73-0220	EVANS, WOOD	J BRADLEY	06/12/1973	2650	122.00	5.63	47
GA DD 21	GA-73-0538	KIFER, CHARLES	J BRADLEY	08/22/1974	2685	260.00	6	29
GA DD 22	GA-73-0695	FRIEND, AUDREY	C DILLEY	10/03/1974	2390	115.00	6	24
GA DD 23	GA-73-0459	FIKE, THOMAS	J BRADLEY	10/18/1973	2740	120.00	6	33
GA DD 24	GA-73-0779	PHILLIPS, JOSEPH	J BRADLEY	10/20/1974	2880	150.00	6	61
GA DD 25	GA-73-0584	BEEMAN, JIMMIE	J BRADLEY	09/02/1974	2880	140.00	6	24
GA DD 26	GA-73-0732	MCPAIL, HUBERT R	L FORD	09/24/1974	2615	122.00	6	44
GA DD 27	GA-73-0841	HAMPSHIRE MINING CORP	J BRADLEY	07/08/1975	2600	280.00	6.65	12
GA DD 28	GA-73-0294	NICOL, GEORGE	D DILLEY	09/14/1973	2510	153.00	5	22
GA DD 29	--	BACKBONE MTN BOYS CMP	L FORD	1975	2755	180.00	6	--
GA DD 30	GA-73-1393	BACKBONE MTN BOYS CMP	L FORD	05/ /1977	2755	300.00	6	--
GA DE 2	--	VIRTS, STANLEY	A BRENNEMAN	1946	2560	75.00	6	--
GA DE 3	--	TICHNELL, LAWSON	DILLEY	11/ /1948	2270	49.50	6	--
GA DE 4	--	VIRTS, EARL	SKIPPE	1947	2190	60.65	6	--
GA DE 5	--	WILSON, G	DILLEY	05/ /1949	2060	60.00	6	13
GA DE 6	GA-00-8909	GOODWIN, ALBERT	DILLEY	01/ /1952	2460	92.00	6	33
GA DE 7	GA-00-4948	GUY, BERNARD	BUSER	10/ /1949	1820	160.00	6	21
GA DE 8	GA-00-8782	BARNARD, PAUL	DILLEY	10/ /1951	2700	45.00	6	19
GA DE 9	GA-73-0256	TICHINEL, GEORGE	J BRADLEY	05/17/1973	2285	48.00	5.63	30
GA DE 10	GA-73-0148	TASKER, RICHARD	J BRADLEY	11/10/1972	2220	300.00	5.63	28
GA DE 11	GA-73-0075	GREEN CONST CO	D DILLEY	09/12/1972	1585	123.00	5	25
GA DE 12	GA-73-0343	TICHNELL, ARNOLD	J BRADLEY	07/04/1973	2050	140.00	5.63	31
GA DE 13	GA-73-0058	KITZMILLER, DARRELL	L FORD	10/03/1973	2530	163.00	6	25
GA DE 14	GA-73-0734	SMITH, ROBERT	J BRADLEY	09/10/1974	2450	178.00	6	44
GA DE 15	GA-73-0328	SMITH, JOANN	J BRADLEY	07/04/1973	2455	160.00	6	30
GA DE 16	GA-73-0376	GOODWIN, GLENN	J BRADLEY	08/17/1973	2470	160.00	6	23
GA DE 17	GA-73-0256	TICHNELL, GEORGE	J BRADLEY	05/18/1973	2690	105.00	5.63	48
GA DE 18	GA-73-0888	NAZELROD, ESTON	J BRADLEY	05/15/1975	2480	180.00	6.25	34
GA DE 19	GA-73-0778	TICHNELL, JOSEPH D	J BRADLEY	11/01/1974	2300	300.00	6	72
GA DE 20	GA-73-0513	PAUGH, MELVIN	J BRADLEY	08/01/1974	2285	78.00	6	36
GA DE 21	--	WELCH, VERNON	J BRADLEY	11/06/1972	1950	220.00	6.63	106
GA DE 22	GA-73-0686	BOWERS, GARY	J BRADLEY	08/19/1974	1935	380.00	6	75
GA DE 23	GA-73-0727	SMELTZER, WILLIAM	J BRADLEY	09/11/1974	2205	158.00	6	44
GA DE 24	GA-73-1604	S J GROVES AND SONS	J BRENNEMAN	10/17/1977	1700	158.00	6	40
GA DE 25	GA-73-1437	WILSON, ROBERT	J BRADLEY	06/03/1977	1640	100.00	6	23
GA DF 1	GA-73-1651	BLOOMINGTON WATER CO	J BRADLEY	02/17/1978	1200	400.00	6	110

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341JNGS	200.00	100	07/06/1974	5	3.0	0.1	H	S	GA DC 133
341JNGS	120.00	55	11/05/1973	8	3.0	0.1	H	S	GA DC 134
341HMPR	40.00	--	01/05/1977	4	1.0	--	H	S	GA DC 135
341JNGS	55.00	--	04/18/1971	20	1.0	--	C	S	GA DC 136
341HMPR	24.00	176	10/07/1970	25	6.0	0.1	C	S	GA DC 137
341JNGS	100.00	350	04/01/1971	1	1.0	0.0	T	S	GA DC 138
324ALGN	20.00	100	02/ /1946	10	2.0	0.1	H	P	GA DD 1
324ALGN	--	--	--	--	--	--	C	P	GA DD 2
324PSVL	138.00	--	09/ /1945	40	--	--	P	--	GA DD 3
327PSVL	150.00	--	1935	7	--	--	P	--	GA DD 4
324PSVL	10.00	45	02/05/1946	20	2.0	0.4	H	J	GA DD 6
337POCN	0.00	--	--	--	--	--	H	B	GA DD 7
341HMPR	--	--	--	--	--	--	--	--	GA DD 8
321CNMG	20.00	20	03/ /1952	6	3.0	0.3	H	--	GA DD 9
341JNGS	32.00	--	06/26/1973	5	1.0	--	H	S	GA DD 10
341JNGS	29.00	--	03/29/1973	6	1.0	--	H	S	GA DD 11
321CNMG	60.00	--	08/18/1973	3	1.5	--	T	S	GA DD 12
321CNMG	85.00	--	06/13/1973	1	1.5	--	T	S	GA DD 13
321CNMG	100.00	--	08/17/1973	1	1.0	--	H	S	GA DD 14
321CNMG	70.00	--	11/13/1973	2	2.0	--	H	S	GA DD 15
321CNMG	40.00	135	06/28/1973	2	2.0	0.0	U	S	GA DD 16
331MCCK	20.00	20	09/25/1973	12	2.0	0.6	H	S	GA DD 17
341HMPR	10.00	135	05/03/1973	2	2.0	0.0	H	S	GA DD 18
321CNMG	30.00	40	10/19/1972	8	3.0	0.2	H	S	GA DD 19
321CNMG	50.00	--	06/12/1973	3	1.0	--	H	S	GA DD 20
321CNMG	150.00	--	08/22/1974	1	1.5	--	H	S	GA DD 21
341HMPR	10.00	60	10/03/1974	10	1.0	0.2	H	S	GA DD 22
321CNMG	45.00	--	10/18/1973	4	1.5	--	H	S	GA DD 23
321CNMG	70.00	--	10/20/1974	4	1.5	--	H	S	GA DD 24
321CNMG	12.00	--	09/02/1974	3	1.0	--	H	S	GA DD 25
321CNMG	22.00	100	09/24/1974	5	1.0	0.1	H	S	GA DD 26
324PVAG	45.00	--	07/08/1975	8	2.0	--	N	S	GA DD 27
341HMPR	50.00	50	09/14/1973	5	3.0	0.1	H	S	GA DD 28
324PVAG	--	--	1975	10	--	--	T	S	GA DD 29
324PVAG	--	--	05/ /1977	30	--	--	T	S	GA DD 30
324PVAG	--	--	--	--	--	--	C	P	GA DE 2
321CNMG	20.00	--	--	--	--	--	C	P	GA DE 3
321CNMG	--	--	--	--	--	--	H	P	GA DE 4
321CNMG	48.00	--	--	--	--	--	H	P	GA DE 5
324ALGN	32.00	32	01/20/1952	3	3.0	0.1	H	--	GA DE 6
321CNMG	125.00	--	10/ /1949	3	--	--	H	--	GA DE 7
324ALGN	8.00	12	10/18/1951	8	2.0	0.7	H	--	GA DE 8
321CNMG	8.00	--	05/17/1973	3	1.0	--	H	S	GA DE 9
321CNMG	100.00	--	11/10/1972	2	2.0	--	U	S	GA DE 10
321CNMG	30.00	55	09/12/1972	10	3.0	0.2	U	S	GA DE 11
321CNMG	35.00	--	07/04/1973	4	1.5	--	H	S	GA DE 12
324PVAG	23.00	140	10/03/1973	4	--	0.0	H	S	GA DE 13
321CNMG	60.00	--	09/10/1974	2	1.5	--	H	S	GA DE 14
321CNMG	70.00	--	07/04/1973	2	1.5	--	H	S	GA DE 15
321CNMG	65.00	--	08/17/1973	2	1.5	--	H	S	GA DE 16
324PVAG	45.00	--	05/18/1973	4	1.5	--	H	S	GA DE 17
321CNMG	6.00	--	05/15/1975	4	1.0	--	H	S	GA DE 18
321CNMG	100.00	--	11/01/1974	2	2.0	--	H	S	GA DE 19
321CNMG	45.00	--	08/04/1974	5	1.0	--	H	S	GA DE 20
321CNMG	60.00	--	11/06/1972	3	2.0	--	H	S	GA DE 21
321CNMG	175.00	--	08/19/1974	1	2.0	--	H	S	GA DE 22
321CNMG	65.00	--	09/11/1974	5	2.0	--	H	S	GA DE 23
321CNMG	41.00	--	10/17/1977	5	1.0	--	C	S	GA DE 24
337POCN	25.00	--	06/03/1977	6	1.0	--	H	S	GA DE 25
321CNMG	210.00	--	02/17/1978	12	2.0	--	P	S	GA DF 1

WATER USE CODES

H DOMESTIC
C COMMERCIAL
T INSTITUTION
P PUBLIC SUPPLY
U UNUSED
N INDUSTRIAL

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON
J JET
B BUCKET

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA EA 1	GA-00-3260	LOVE, CLYDE B	SKIPPER	10/ /1948	2580	85.00	6	41
GA EA 2	GA-00-2328	CARR, LEONARD	KELLEY	05/ /1948	2495	60.00	6	15
GA EA 3	GA-00-0542	GLOTFELTY, EDWARD	KELLEY	08/ /1946	2420	48.00	6	29
GA EA 4	GA-00-4495	JENKINS, E C	SKIPPER	10/ /1949	2480	100.00	6	40
GA EA 5	GA-00-3259	ASHBY, DORSEY	SKIPPER	10/ /1948	2395	50.00	6	42
GA EA 6	GA-00-0767	ADAMS, SPORT	SKIPPER	10/ /1946	2410	55.00	6	25
GA EA 7	GA-00-0544	SWIGER, A W	KELLEY	08/ /1946	2560	110.00	6	17
GA EA 8	GA-00-0517	SWARTZENTRUBER, W A	KELLEY	07/ /1946	2460	46.00	6	30
GA EA 9	GA-00-0543	LUDWIG, LEE	KELLEY	07/ /1946	2490	75.00	6	37
GA EA 10	GA-00-4102	SPOERLEIN, W E	A BRENNEMAN	06/ /1949	2480	200.00	6	32
GA EA 11	GA-00-0812	ASHBY, STANLEY	W KELLEY	09/ /1946	2390	91.00	6	24
GA EA 14	--	SHAFFER, KENNETH	HARDESTY	08/ /1952	2520	61.00	6	5
GA EA 15	GA-00-8664	FRANTZ, J C	HARDESTY	09/14/1951	2420	55.00	--	--
GA EA 16	GA-00-8608	PIPER, FRANK	D DILLEY	09/12/1951	2430	72.00	6	9
GA EA 17	GA-01-1096	HARDESTY, EDWARD	D DILLEY	09/30/1952	2460	75.00	6	21
GA EA 18	GA-00-8500	REINHART, NOLA	D DILLEY	09/08/1951	2430	45.00	6	21
GA EA 19	GA-00-8610	STOLTZFUS, J L	G HARDESTY	11/ /1951	2420	87.00	6	25
GA EA 20	GA-00-9598	DODGE, ARLIE	D DILLEY	02/ /1952	2490	50.00	6	20
GA EA 21	GA-01-0570	SILVER KNOB SAND CO	A BRENNEMAN	09/ /1952	2500	80.00	6	23
GA EA 22	GA-00-8882	GANK, ROSS	G HARDESTY	11/15/1951	2430	50.00	6	16
GA EA 23	GA-01-0415	DEWITT, DICK	D DILLEY	07/02/1952	2440	58.00	6	32
GA EA 24	GA-02-4851	STERLING PRC CO	J BRENNEMAN	09/01/1956	2375	300.00	10	300
GA EA 25	GA-02-8645	STERLING PRC CO	J BRENNEMAN	12/09/1957	2375	168.00	8	168
GA EA 26	GA-03-6300	STERLING PRC CO	J BRENNEMAN	11/15/1959	2370	362.00	10	44
GA EA 27	GA-73-0561	MACMILLAN, GOLDIE	C DILLEY	05/14/1974	2425	70.00	6	24
GA EA 28	GA-73-0521	MERSING, STANLY	C DILLEY	03/08/1974	2410	55.00	6	23
GA EA 29	GA-73-0425	LIVINGOOD, DAVE	C DILLEY	09/26/1973	2440	115.00	6	28
GA EA 30	GA-73-0362	PORTER, GEORGE	C DILLEY	04/29/1974	2455	55.00	6	20
GA EA 31	GA-73-0186	BELL, HOWARD	D DILLEY	05/08/1973	2480	138.00	5	22
GA EA 32	GA-73-0128	TRICKETT, MIKE	C DILLEY	01/16/1973	2480	130.00	6	25
GA EA 33	GA-73-0284	MEADOWS, PAUL	C DILLEY	06/12/1973	2495	100.00	6	15
GA EA 34	GA-73-0350	FORD, ROBERT	C DILLEY	08/01/1973	2510	100.00	6	26
GA EA 35	GA-73-0004	ELLIOT, ROY	C DILLEY	07/14/1972	2430	100.00	6	21
GA EA 36	GA-73-0401	ROHRBAUGH, GEORGE	C DILLEY	09/20/1973	2490	145.00	6	23
GA EA 37	GA-73-0439	ARMSTRONG, ROY	C DILLEY	09/28/1973	2515	145.00	6	23
GA EA 38	GA-73-0402	SHAFFER, VIRGIL	C DILLEY	09/17/1973	2510	115.00	6	23
GA EA 39	GA-73-0477	MAYNE, JOHN C	C DILLEY	01/20/1974	2495	145.00	6	23
GA EA 40	GA-73-0547	KISNER, HARRY	C DILLEY	05/06/1974	2455	200.00	6	20
GA EA 41	GA-73-0440	FRIEND, DARRELL	C DILLEY	11/01/1973	2585	100.00	6	23
GA EA 42	GA-73-0392	WHITE, GEORGE R	D DILLEY	03/01/1974	2420	93.00	5	22
GA EA 43	GA-73-0403	WELLING, DIANA	D DILLEY	10/30/1972	2475	90.00	5	21
GA EA 44	GA-73-0588	MACMILLAN, J	D DILLEY	06/22/1974	2500	93.00	5	21
GA EA 45	GA-73-0514	GORTNER, H G	J BRENNEMAN	06/03/1974	2650	326.00	6	40
GA EA 46	GA-73-0774	ZIMMERMAN, GEORGE R	C DILLEY	10/24/1974	2510	130.00	6	24
GA EA 47	GA-73-0706	OURS, DUKE	D DILLEY	12/10/1974	2490	138.00	6	22
GA EA 48	GA-73-0803	MEYERS, DENNIS	C DILLEY	12/20/1974	2615	55.00	6	24
GA EA 49	GA-73-0866	STUCK, THOMAS	D DILLEY	06/15/1975	2545	108.00	6	21
GA EA 50	GA-73-0861	SCHROTH, JOHN L	M TRESSLER	05/02/1975	2510	185.00	6	21
GA EA 51	GA-73-0752	SHIFFEY, ROBERT	L FORD	10/04/1974	2520	108.00	6	24
GA EA 52	GA-73-0655	GNEGY, JESSE	C DILLEY	06/27/1974	2510	100.00	6	24
GA EA 53	GA-73-0758	SWARTZENTRUBER, JOSEPH	D DILLEY	01/23/1974	2450	123.00	5	21
GA EA 54	GA-73-0060	HARSH, ROBERT D	J BRENNEMAN	09/20/1972	2450	135.00	6	41
GA EA 55	GA-73-0681	RECKARD, JAMES	D DILLEY	10/19/1974	2430	123.00	6	21
GA EA 56	GA-73-0520	ASHBY, DONALD	C DILLEY	01/24/1974	2540	55.00	6	19
GA EA 57	GA-73-01282	ASHBY, DONALD	D DILLEY	10/09/1976	2540	90.00	5	18
GA EA 58	GA-01-8876	LENORA'S, FABRICS	J BRENNEMAN	04/30/1955	2515	105.00	6	45
GA EA 59	GA-73-0108	RUSH, LONNIE	D DILLEY	10/23/1972	2440	93.00	5	21
GA EA 60	GA-73-0022	DEWITT, ROBERT	C DILLEY	10/17/1972	2545	230.00	6	26
GA EA 62	--	TOWN OF CRELLIN	C DILLEY	1968	2405	151.00	6	--
GA EB 1	GA-00-1858	WEBER, R L	W KELLEY	09/ /1947	2400	65.00	6	31

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
324PSVL	30.00	--	--	--	--	--	H	--	GA EA 1
321CNMG	16.00	44	05/ /1948	15	1.0	0.3	H	--	GA EA 2
321CNMG	12.00	3	08/ /1946	15	1.0	5.0	H	--	GA EA 3
331GRBR	60.00	20	10/ /1949	10	0.8	0.5	H	--	GA EA 4
324ALGN	30.00	15	10/ /1948	10	1.5	0.7	H	--	GA EA 5
321CNMG	20.00	--	10/ /1946	20	1.0	--	H	--	GA EA 6
341JNGS	29.00	81	08/ /1946	6	1.0	0.1	H	--	GA EA 7
341JNGS	20.00	12	07/ /1946	20	1.0	1.7	H	--	GA EA 8
341JNGS	9.00	3	07/ /1946	20	1.0	6.7	H	--	GA EA 9
341JNGS	30.00	40	06/ /1949	24	2.0	0.6	H	--	GA EA 10
324ALGN	15.00	15	09/ /1946	15	1.0	1.0	H	--	GA EA 11
321CNMG	14.00	14	08/ /1952	6	--	0.4	H	--	GA EA 14
321CNMG	6.00	4	09/14/1951	16	1.0	4.0	H	J	GA EA 15
337POCN	12.00	12	09/12/1951	6	2.0	0.5	H	--	GA EA 16
337POCN	36.00	34	09/30/1952	3	--	0.1	H	--	GA EA 17
337POCN	14.00	11	09/08/1951	6	2.0	0.5	H	P	GA EA 18
337POCN	8.00	12	11/ /1951	4	0.5	0.3	H	--	GA EA 19
341JNGS	8.00	17	02/ /1952	12	15.0	0.7	H	--	GA EA 20
337POCN	8.00	12	09/ /1952	20	2.0	1.7	U	--	GA EA 21
321CNMG	10.00	5	11/15/1951	5	1.0	1.0	H	--	GA EA 22
337POCN	22.00	18	07/02/1952	5	2.0	0.3	H	--	GA EA 23
331GRBR	16.00	28	09/01/1956	220	8.0	7.9	N	--	GA EA 24
331GRBR	28.00	--	12/09/1957	200	--	--	N	--	GA EA 25
331GRBR	4.00	22	05/31/1960	300	3.5	13.5	N	--	GA EA 26
337POCN	3.00	47	05/14/1974	25	1.0	0.5	H	S	GA EA 27
337POCN	10.00	30	03/08/1974	5	2.0	0.2	H	S	GA EA 28
337POCN	30.00	60	09/26/1973	5	2.0	0.1	H	S	GA EA 29
337POCN	12.00	18	04/29/1974	10	1.0	0.6	H	S	GA EA 30
331MCCK	35.00	55	05/08/1973	10	3.0	0.2	H	S	GA EA 31
331MCCK	60.00	40	01/16/1973	10	2.0	0.3	H	S	GA EA 32
337POCN	20.00	50	06/12/1973	5	2.0	0.1	H	S	GA EA 33
337POCN	18.00	42	08/01/1973	10	2.0	0.2	H	S	GA EA 34
321CNMG	12.00	38	07/14/1972	10	2.0	0.3	H	S	GA EA 35
321CNMG	45.00	33	09/20/1973	7	2.0	0.2	H	S	GA EA 36
321CNMG	50.00	40	09/28/1973	7	2.0	0.2	H	S	GA EA 37
321CNMG	40.00	30	09/17/1973	10	2.0	0.3	H	S	GA EA 38
321CNMG	50.00	25	01/20/1974	5	2.0	0.2	H	S	GA EA 39
321CNMG	50.00	125	05/06/1974	7	2.0	0.1	H	S	GA EA 40
321CNMG	40.00	60	11/01/1973	5	2.0	0.1	H	S	GA EA 41
337POCN	16.00	20	03/01/1974	12	3.0	0.6	H	S	GA EA 42
337POCN	25.00	25	10/30/1972	8	3.0	0.3	H	S	GA EA 43
331MCCK	28.00	12	06/22/1974	10	3.0	0.8	H	S	GA EA 44
341HMPR	42.00	284	06/03/1974	1	1.0	0.0	H	S	GA EA 45
321CNMG	60.00	40	10/24/1974	10	1.0	0.3	H	S	GA EA 46
324PVAG	35.00	60	12/10/1974	4	3.0	0.1	H	S	GA EA 47
331MCCK	20.00	20	12/20/1974	10	1.0	0.5	H	S	GA EA 48
337POCN	26.00	54	06/15/1975	8	3.0	0.1	H	S	GA EA 49
337POCN	60.00	--	05/02/1975	6	1.0	--	H	S	GA EA 50
337POCN	36.00	72	10/04/1974	15	1.0	0.2	H	S	GA EA 51
341JNGS	50.00	20	06/27/1974	10	1.0	0.5	H	S	GA EA 52
341JNGS	25.00	20	01/23/1974	10	2.0	0.5	H	S	GA EA 53
341JNGS	17.00	118	09/20/1972	5	1.0	0.0	H	S	GA EA 54
341JNGS	25.00	35	10/19/1974	10	2.0	0.3	H	S	GA EA 55
324PVAG	20.00	20	01/24/1974	3	3.0	0.2	U	--	GA EA 56
324PVAG	40.00	35	10/09/1976	4	3.0	0.1	H	S	GA EA 57
341JNGS	--	--	--	--	--	--	C	--	GA EA 58
331GRBR	25.00	25	10/23/1972	10	3.0	0.4	H	S	GA EA 59
321CNMG	50.00	150	10/17/1972	2	3.0	0.0	H	S	GA EA 60
324PVAG	--	--	1968	20	--	--	P	--	GA EA 62
341JNGS	9.00	37	09/ /1947	16	1.0	0.4	H	--	GA EB 1

WATER USE CODES

H DOMESTIC
U UNUSED
N INDUSTRIAL
C COMMERCIAL
P PUBLIC SUPPLY

LIFT TYPE CODES

J JET
P PISTON
S SUBMERSIBLE

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA EB 2	GA-00-2316	GAR CO MEM HOSP	W KELLEY	07/19/1948	2420	380.00	8	32
GA EB 3	GA-00-8245	LYNNDALE SCHOOL	C DILLEY	07/ /1951	2540	65.00	6	16
GA EB 4	GA-00-7976	HELBIG, EDWARD	D DILLEY	11/12/1951	2570	87.00	6	27
GA EB 5	GA-00-1265	WEBER, R E	W KELLEY	04/ /1947	2420	197.00	6	38
GA EB 6	GA-00-1311	QUEER, A M	W KELLEY	04/ /1947	2420	69.00	6	26
GA EB 7	GA-00-0626	IMPERIAL ICE CREAM CO	W KELLEY	09/ /1946	2470	326.00	10	27
GA EB 8	GA-00-1819	MARTIN, OWEN	W KELLEY	09/ /1947	2440	70.00	6	32
GA EB 9	GA-00-1820	CALHOUN, C M	W KELLEY	09/ /1947	2450	43.00	6	25
GA EB 10	GA-00-3003	CALLIS, D E	W KELLEY	11/ /1948	2465	90.00	6	18
GA EB 11	GA-00-0097	CALLIS, JOE	A BRENNEMAN	10/ /1945	2415	120.00	6	25
GA EB 12	GA-00-0096	MOON, MARK H	A BRENNEMAN	10/ /1945	2490	100.00	6	--
GA EB 13	GA-00-0616	BROWNING, LYNN T	J MILLER	08/ /1946	2570	58.00	6	--
GA EB 14	GA-00-0774	DENIKER, WILLIAM H	J MILLER	08/ /1946	2560	80.00	6	--
GA EB 15	GA-00-3258	PHILLIPS, RAY	J SKIPPER	10/ /1948	2450	105.00	6	22
GA EB 16	GA-00-0114	MILLER, GORDON	A BRENNEMAN	12/ /1945	2470	80.00	6	23
GA EB 18	GA-00-2374	PAUGH, ROBERT	A BRENNEMAN	03/ /1948	2440	75.00	6	50
GA EB 21	--	IMPERIAL ICE CREAM CO	A BRENNEMAN	1925	2370	201.00	6	--
GA EB 22	GA-00-8501	BISER, E O	HARDESTY	08/ /1951	2460	73.00	6	27
GA EB 23	--	NALLY, ARTHUR	--	1912	2560	37.40	--	--
GA EB 24	GA-01-0735	NAYLOR, A D	D DILLEY	09/ /1952	2390	50.00	6	21
GA EB 25	GA-00-8839	STEYER, KEITH	D DILLEY	06/ /1952	2920	88.00	6	20
GA EB 26	GA-00-8921	FRAZEE, EARL	D DILLEY	10/ /1951	2850	86.00	6	20
GA EB 27	GA-01-0736	LICTY, NOAH	D DILLEY	09/ /1952	2520	90.00	6	22
GA EB 28	GA-01-0564	MILLER, EMANUAL	D DILLEY	07/ /1952	2520	100.00	6	--
GA EB 29	GA-00-9596	BECKAMIN, WALTER	D DILLEY	03/ /1952	2490	50.00	6	25
GA EB 30	GA-00-9451	CUMBERLAND & ALGNY GA	A BRENNEMAN	01/ /1952	2490	118.00	6	43
GA EB 31	GA-01-0455	OFFUTT, EDWARD MRS	D DILLEY	07/ /1952	2660	103.00	6	--
GA EB 32	--	LITLER, E C	D DILLEY	10/ /1952	2418	57.00	6	22
GA EB 36	--	GRAHAM, SPENCER W	--	1900	2440	60.00	--	--
GA EB 37	--	BRINER, C	D DILLEY	1920	2490	120.00	6	34
GA EB 38	GA-66-0150	OAK PARK CHURCH	J BRENNEMAN	03/21/1966	2485	240.00	6	42
GA EB 39	--	TABLELAND MILK PROD C	A BRENNEMAN	1940	2380	205.00	--	--
GA EB 40	--	TABLELAND MILK PROD C	A BRENNEMAN	1940	2375	153.90	6	--
GA EB 41	GA-73-0026	BITTINGER, DONALD E	D DILLEY	08/28/1972	2545	78.00	5	23
GA EB 42	GA-73-0162	WARTHER, FRED C	D DILLEY	02/15/1973	2440	138.00	5	22
GA EB 43	GA-73-0173	GAR CO SAN COMM	J BRENNEMAN	04/23/1973	2395	300.00	6	50
GA EB 44	GA-021840	MTN LAKE WTR CO	J BRENNEMAN	03/01/1956	2525	450.00	8	37
GA EB 45	GA-73-0307	BENNETT, ALICE	M TRESSLER	06/28/1974	2500	145.00	6	25
GA EB 46	GA-015375	MTN LAKE WTR CO	A BRENNEMAN	06/14/1954	2600	51.00	6	41
GA EB 47	GA-015738	MTN LAKE WTR CO	A BRENNEMAN	06/16/1954	2665	60.00	6	43
GA EB 48	GA-015737	MTN LAKE WTR CO	A BRENNEMAN	06/19/1954	2610	40.00	6	30
GA EB 49	GA-73-0267	RODEHEAVER, PAUL	C DILLEY	05/25/1973	2940	190.00	6	34
GA EB 50	GA-73-0323	BUTLER, ELLA	J BRENNEMAN	08/11/1973	2550	300.00	6	40
GA EB 51	GA-73-0324	MURRAY, THOMAS	J BRENNEMAN	08/08/1973	2530	240.00	6	41
GA EB 52	GA-73-0438	MASON, DONALD	J BRADLEY	09/20/1973	2500	200.00	6	35
GA EB 53	GA-73-0539	ASH, ROBERT	H JOHNSON	06/21/1974	2455	40.00	6	21
GA EB 54	GA-73-0536	CH OF JESUS CHRIST	C DILLEY	03/20/1974	2505	160.00	6	24
GA EB 55	GA-73-0292	HAUSER, JACK A	D DILLEY	06/14/1973	2450	78.00	5	21
GA EB 56	GA-73-0575	GREEN, RONALD	D DILLEY	09/09/1974	2460	108.00	5	21
GA EB 57	--	OAKLAND HOTEL	--	1880	2380	235.00	--	--
GA EB 58	GA-73-0339	KELLY, WILLIAM R	C DILLEY	07/07/1973	2405	145.00	6	23
GA EB 59	GA-73-0406	DARVEY, WILLIAM	C DILLEY	09/14/1973	2585	200.00	6	23
GA EB 60	GA-73-0711	MARTIN, WAYNE	C DILLEY	08/28/1974	2825	91.00	5	40
GA EB 61	GA-73-0078	TASKER, DELMAS F	J BRENNEMAN	09/14/1972	2750	179.00	6	92
GA EB 62	GA-73-0660	MURPHY, JOSEPH F	D DILLEY	10/28/1974	2595	130.00	6	22
GA EB 63	GA-73-0525	WEEKS, GRAHAM	C DILLEY	01/16/1974	2440	145.00	6	54
GA EB 64	GA-04-4724	SILVER KNOB SAND CO	D DILLEY	10/16/1961	2500	150.00	6	23
GA EB 65	GA-04-3066	WOOD PRODUCTS INC	D DILLEY	06/21/1961	2395	190.00	6	24
GA EB 66	GA-73-0034	WEBER, LOGAN	D DILLEY	08/11/1972	2395	123.00	5	23
GA EB 67	GA-73-0165	HINEBAUGH, JOSEPH W	D DILLEY	05/01/1973	2490	120.00	5	23

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341HMPR	15.00	40	07/19/1948	57	1.0	1.4	T	--	GA EB 2
341JNGS	20.00	22	07/ /1951	8	2.0	0.4	H	--	GA EB 3
341JNGS	27.00	15	11/12/1951	6	2.0	0.4	H	--	GA EB 4
341JNGS	8.00	189	04/ /1947	8	1.0	0.0	H	--	GA EB 5
341JNGS	16.00	53	04/ /1947	12	1.0	0.2	H	--	GA EB 6
341HMPR	108.00	34	09/ /1946	25	1.0	0.7	N	--	GA EB 7
341JNGS	30.00	8	09/ /1947	18	1.0	2.3	H	--	GA EB 8
341JNGS	5.00	--	--	--	--	--	H	--	GA EB 9
341JNGS	5.00	17	11/ /1948	7	1.0	0.4	H	--	GA EB 10
341JNGS	35.00	50	10/ /1945	5	2.0	0.1	H	--	GA EB 11
341JNGS	30.00	--	10/ /1945	20	2.0	--	H	--	GA EB 12
341JNGS	17.00	8	08/ /1946	0.2	0.5	0.0	H	--	GA EB 13
341JNGS	30.00	15	08/ /1946	2	1.0	0.1	H	P	GA EB 14
341JNGS	30.00	5	10/ /1948	4	0.5	0.8	H	--	GA EB 15
341JNGS	22.00	2	12/ /1945	10	2.0	5.0	H	--	GA EB 16
341JNGS	20.00	--	03/ /1948	10	2.0	--	H	--	GA EB 18
341HMPR	--	--	1925	60	--	--	N	--	GA EB 21
341JNGS	12.00	13	08/ /1951	8	2.0	0.6	H	--	GA EB 22
341HMPR	22.55	--	--	--	--	--	U	--	GA EB 23
341JNGS	20.00	14	09/ /1952	8	2.0	0.6	H	--	GA EB 24
324ALGN	30.00	30	06/ /1952	6	2.0	0.2	H	--	GA EB 25
321CNMG	13.00	62	10/ /1951	5	1.0	0.1	H	--	GA EB 26
341JNGS	26.00	20	09/ /1952	10	2.0	0.5	H	--	GA EB 27
341JNGS	35.00	50	07/ /1952	8	3.0	0.2	H	--	GA EB 28
341JNGS	25.00	33	03/ /1952	12	3.0	0.4	H	--	GA EB 29
341JNGS	44.00	31	01/ /1952	18	2.0	0.6	C	J	GA EB 30
341HMPR	28.00	68	07/ /1952	3	2.0	0.0	H	--	GA EB 31
341JNGS	16.00	14	10/ /1952	9	--	0.6	--	--	GA EB 32
341HMPR	25.84	--	--	--	--	--	U	--	GA EB 36
341HMPR	36.00	38	12/ /1959	20	--	0.5	H	--	GA EB 37
341JNGS	41.00	--	--	--	--	--	T	--	GA EB 38
337POCN	16.00	--	1955	14	0.5	--	C	--	GA EB 39
337POCN	12.16	--	1959	49	--	--	U	--	GA EB 40
341HMPR	18.00	22	08/28/1972	10	3.0	0.5	H	S	GA EB 41
341JNGS	28.00	62	02/15/1973	8	3.0	0.1	N	S	GA EB 42
341JNGS	24.00	276	04/23/1973	5	1.0	0.0	T	S	GA EB 43
341JNGS	61.00	--	03/01/1956	20	--	--	U	S	GA EB 44
341JNGS	61.00	84	06/28/1974	5	1.0	0.1	H	S	GA EB 45
337POCN	6.00	0	06/14/1954	20	--	20.0	P	--	GA EB 46
337POCN	3.00	0	06/16/1954	20	--	20.0	P	--	GA EB 47
337POCN	--	--	--	--	--	--	U	--	GA EB 48
324PVAG	70.00	110	05/25/1973	3	2.0	0.0	H	S	GA EB 49
341JNGS	43.00	257	08/11/1973	2	1.0	0.0	H	S	GA EB 50
341JNGS	40.00	200	08/08/1973	3	1.0	0.0	H	S	GA EB 51
341JNGS	50.00	--	09/20/1973	4	1.5	--	S	S	GA EB 52
341JNGS	0.00	25	06/21/1974	10	1.0	0.4	H	S	GA EB 53
341JNGS	73.00	27	03/20/1974	5	2.0	0.2	T	S	GA EB 54
341JNGS	--	--	06/14/1973	8	2.0	--	H	S	GA EB 55
341JNGS	25.00	30	09/09/1974	8	2.0	0.3	H	S	GA EB 56
341HMPR	--	--	1911	30	--	--	U	--	GA EB 57
337POCN	50.00	30	07/07/1973	5	2.0	0.2	H	S	GA EB 58
341HMPR	75.00	75	09/14/1973	2	2.0	0.0	H	S	GA EB 59
321CNMG	40.00	40	08/28/1974	5	1.0	0.1	H	S	GA EB 60
331GRBR	30.00	149	09/14/1972	2	1.0	0.0	H	S	GA EB 61
341HMPR	35.00	45	10/28/1974	6	3.0	0.1	H	S	GA EB 62
341JNGS	60.00	40	01/16/1974	20	5.0	0.5	C	S	GA EB 63
341JNGS	24.00	70	10/16/1961	40	3.0	0.6	N	S	GA EB 64
341JNGS	20.00	90	06/21/1961	30	3.0	0.3	C	S	GA EB 65
341JNGS	12.00	28	08/11/1972	12	3.0	0.4	H	S	GA EB 66
341JNGS	28.00	72	05/01/1973	10	3.0	0.1	H	S	GA EB 67

WATER USE CODES

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

LIFT TYPE CODES

P PISTON
J JET
S SUBMERSIBLE

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	DEPTH CASED (FEET)
GA EB 68	GA-73-0005	COLAW, ERNEST D	C DILLEY	09/29/1972	2465	145.00	6	23
GA EB 69	GA-73-0240	SCHEFFEL, GEORGE	D DILLEY	07/10/1973	2505	181.00	5	22
GA EB 70	GA-73-0124	BARNARD, LEROY	D DILLEY	10/19/1972	2490	93.00	5	22
GA EB 71	GA-73-0829	SOUTHERN STATES COOP	C DILLEY	12/27/1974	2425	130.00	6	24
GA EB 73	--	TOWN OF OAKLAND	R JAMISON	1909	2410	150.00	--	20
GA EB 74	--	TOWN OF OAKLAND	R JAMISON	1909	2410	165.00	--	20
GA EB 75	--	TOWN OF OAKLAND	A SHAW	1909	2410	250.00	10	--
GA EB 76	--	TOWN OF OAKLAND	R JAMISON	1882	2400	200.00	8	13
GA EC 2	GA-00-6846	STEYER, HAROLD	D DILLEY	08/ /1950	2580	120.00	6	28
GA EC 8	GA-00-0884	HARVEY, C V	J MILLER	10/ /1946	2670	65.00	6	--
GA EC 10	--	MD DEPT FORESTS & PKS	--	1933	2530	600.00	--	--
GA EC 13	GA-00-8386	HEBB, WILLIAM	G HARDESTY	08/09/1951	2650	33.00	6	17
GA EC 14	GA-73-0044	MOON, LUTHER W	H JOHNSON	09/22/1972	2665	47.00	6	21
GA EC 15	GA-73-0390	MOON, GEORGE	J BRADLEY	09/08/1973	2610	160.00	5.63	65
GA EC 16	GA-73-0068	TASKER, CECIL D	H JOHNSON	12/04/1972	2845	50.00	6	21
GA EC 17	GA-73-0393	WHITE, JOHN R	D DILLEY	05/11/1974	2990	228.00	6	20
GA EC 18	GA-73-0223	BRACK, GERALD L	J BRENNEMAN	06/08/1973	2600	182.00	6	42
GA EC 19	GA-73-0726	CHURCH, WHITE	J BRENNEMAN	10/07/1974	2700	179.00	6	40
GA EC 20	GA-73-0411	UPPERMAN, WILBUR	J BRADLEY	09/12/1973	2635	150.00	6	24
GA EC 21	GA-73-0699	UPPERMAN, WILBUR	J BRADLEY	08/10/1974	2620	75.00	6	37
GA EC 22	--	MINERAL ENGR CO	--	1976	2830	--	--	--
GA EC 23	--	MINERAL ENGR CO	--	1976	2770	--	--	--
GA ED 1	--	ROHRBAUGH, ROSCOE	--	1939	2500	24.00	--	--
GA ED 2	GA-00-3149	WOLF DEN COAL CO	A BRENNEMAN	12/ /1948	2460	390.00	--	--
GA ED 3	GA-73-0394	MICHAEL, DANIEL	D DILLEY	09/02/1973	2230	108.00	5	22
GA ED 4	GA-73-0066	PAUGH, LEE	D DILLEY	10/03/1972	2410	108.00	5	24
GA ED 5	GA-73-0017	HARVEY, ALLEN	D DILLEY	08/24/1972	2380	183.00	5	20
GA ED 6	GA-73-0067	COMER, MARY	D DILLEY	09/16/1972	1640	183.00	5	22
GA ED 7	GA-73-0517	PAUGH, CHARLES G	J BRADLEY	01/21/1974	1720	160.00	6	40
GA ED 8	GA-73-0545	BURGESS, CHARLES	J BRADLEY	04/19/1974	1720	200.00	6	50
GA ED 9	GA-73-0671	MCCLASKY, ERNEST H	J BRADLEY	09/02/1974	1710	100.00	6	32
GA ED 10	GA-73-0733	TASKER, STANLEY E	J B91435Y	10/30/1974	1680	98.00	6	22
GA ED 11	GA-73-0609	ASSEMBLY OF GOD CH	J BRADLEY	11/11/1974	1660	40.00	6	20
GA ED 12	GA-73-0558	LUCAS, JAMES R	J BRENNEMAN	05/01/1974	2300	255.00	6	20
GA ED 13	GA-73-0470	KITZMILLER POST OFFIC	J BRADLEY	10/18/1973	1605	40.00	6	20
GA FA 1	GA-00-1821	BOWMAN, ROY J	KELLEY	09/ /1947	2480	43.00	6	22
GA FA 2	GA-00-0541	HAMILTON, JAMES	KELLY	07/ /1946	2470	85.00	6	24
GA FA 3	GA-00-0709	WOLFE, CYRUS	KELLEY	08/ /1946	2440	45.00	6	20
GA FA 4	GA-00-0947	MARTIN, ROY	KELLEY	11/ /1946	2460	109.00	6	31
GA FA 7	--	SHOULT, MARTHA	--	1944	2570	120.00	--	--
GA FA 12	--	BEACHY, ELMER	TAYLOR	1929	2460	40.00	6	--
GA FA 13	GA-00-8387	FIKE, WAYNE	HARDESTY	08/ /1951	2530	70.00	6	20
GA FA 14	GA-01-0554	OSBORNE, HOWARD	KELLEY	08/ /1952	2690	104.00	6	46
GA FA 15	GA-00-9049	RITTER, CARL	DILLEY	02/ /1952	2500	75.00	6	16
GA FA 16	GA-66-0143	GARRETT D MILLS INC	J BRENNEMAN	03/05/1966	2610	195.00	6	65
GA FA 17	GA-73-0103	ROLF, DONALD	D DILLEY	09/22/1972	2505	106.00	5	25
GA FA 18	GA-73-0359	SMITH, WILLIAM	D DILLEY	09/21/1973	2535	108.00	5	22
GA FA 19	GA-73-0461	LAMBERT, RUSSELL	J BRENNEMAN	11/23/1973	3005	165.00	6	71
GA FA 20	GA-73-0291	COOPER, CHARLES W	D DILLEY	06/17/1973	2750	78.00	5	22
GA FA 21	GA-00-0543	JACKSON, CECIL	W KELLEY	07/08/1946	2495	75.00	5.63	37
GA FA 22	GA-73-0851	JANOSKE, O G	C DILLEY	04/21/1975	2560	85.00	6	24
GA FA 23	GA-73-0006	GREGORY, JOSEPH R	D DILLEY	07/27/1972	2465	123.00	5	21
GA FA 24	GA-73-1625	METTIKI COAL CO	G CARPENTER	11/23/1977	2610	229.00	8	30
GA FA 25	GA-73-1696	METTIKI COAL CO	G CARPENTER	05/10/1978	2650	315.00	6	304
GA FA 26	GA-73-1695	METTIKI COAL CO	G CARPENTER	05/14/1978	2650	170.00	6	150
GA FA 27	GA-73-1710	METTIKI COAL CO	G CARPENTER	05/24/1978	2860	215.00	6	190
GA FA 28	GA-73-1697	METTIKI COAL CO	G CARPENTER	05/10/1978	2890	341.00	6	317
GA FA 29	GA-73-1698	METTIKI COAL CO	G CARPENTER	05/12/1978	2890	226.00	6	203
GA FB 4	--	HOFFMAN, GEORGE	--	1941	2580	40.00	--	--
GA FB 5	GA-00-1266	HARVEY, WARREN	KELLEY	04/ /1947	2680	60.00	6	10

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
341JNGS	50.00	70	09/29/1972	7	2.0	0.1	H	S	GA EB 68
341JNGS	75.00	45	07/10/1973	6	3.0	0.1	H	S	GA EB 69
341JNGS	26.00	14	10/19/1972	10	3.0	0.7	H	S	GA EB 70
341JNGS	40.00	60	12/27/1974	10	2.0	0.2	C	S	GA EB 71
341HMPR	3.00	--	1917	35	--	--	--	--	GA EB 73
341HMPR	3.00	--	1917	35	--	--	--	--	GA EB 74
341HMPR	20.00	--	1917	35	--	--	--	--	GA EB 75
341JNGS	6.00	--	--	--	--	--	--	--	GA EB 76
321CNMG	18.00	82	08/ /1950	4	3.0	0.0	H	--	GA EC 2
321CNMG	17.00	7	10/ /1946	8	1.0	1.1	H	P	GA EC 8
321CNMG	--	--	--	--	--	--	H	--	GA EC 10
321CNMG	5.00	3	08/09/1951	2	2.0	0.7	H	--	GA EC 13
321CNMG	10.00	25	09/22/1972	10	2.0	0.4	H	S	GA EC 14
321CNMG	60.00	--	09/08/1973	5	1.5	--	H	S	GA EC 15
321CNMG	10.00	10	12/04/1972	8	2.0	0.8	H	S	GA EC 16
324PVAG	50.00	130	05/11/1974	5	3.0	0.0	H	S	GA EC 17
341HMPR	23.00	159	06/08/1973	3	1.0	0.0	H	S	GA EC 18
321CNMG	33.00	146	10/07/1974	2	1.0	0.0	T	S	GA EC 19
321CNMG	30.00	--	09/12/1973	3	1.0	--	H	S	GA EC 20
321CNMG	40.00	--	08/10/1974	5	1.5	--	C	S	GA EC 21
321CNMG	--	--	--	--	--	--	U	--	GA EC 22
321CNMG	--	--	--	--	--	--	U	--	GA EC 23
321CNMG	--	--	--	--	--	--	H	--	GA ED 1
321CNMG	--	--	--	--	--	--	--	--	GA ED 2
321CNMG	35.00	40	09/02/1973	8	2.0	0.2	H	S	GA ED 3
321CNMG	45.00	95	10/03/1972	5	4.0	0.1	H	S	GA ED 4
321CNMG	70.00	90	08/24/1972	4	4.0	0.0	H	S	GA ED 5
324PVAG	50.00	80	09/16/1972	6	3.0	0.1	H	S	GA ED 6
324PVAG	100.00	--	01/21/1974	4	1.5	--	H	S	GA ED 7
324PVAG	100.00	--	04/19/1974	3	1.0	--	H	S	GA ED 8
324PVAG	50.00	--	09/02/1974	3	1.0	--	H	S	GA ED 9
324PVAG	65.00	--	10/30/1974	6	1.0	--	H	S	GA ED 10
324PVAG	10.00	--	11/11/1974	6	0.5	--	H	S	GA ED 11
321CNMG	24.00	231	05/01/1974	1	1.0	0.0	H	S	GA ED 12
324PVAG	3.00	--	10/18/1973	7	1.0	--	T	S	GA ED 13
341JNGS	4.00	10	09/ /1947	18	1.0	1.8	H	--	GA FA 1
341JNGS	12.00	63	07/ /1946	15	1.0	0.2	H	--	GA FA 2
341JNGS	8.00	37	08/ /1946	4	1.0	0.1	H	--	GA FA 3
341JNGS	25.00	25	11/ /1946	5	1.0	0.2	H	--	GA FA 4
341JNGS	--	--	--	--	--	--	H	--	GA FA 7
341JNGS	--	--	--	--	--	--	H	--	GA FA 12
341JNGS	16.00	14	08/ /1951	6	2.0	0.4	H	--	GA FA 13
331GRBR	75.00	15	08/ /1952	7	1.0	0.5	H	S	GA FA 14
341JNGS	12.00	48	02/ /1952	8	3.0	0.2	H	--	GA FA 15
337POCN	15.00	--	--	--	--	--	H	--	GA FA 16
341JNGS	35.00	35	09/22/1972	10	2.0	0.3	H	S	GA FA 17
341JNGS	30.00	30	09/21/1973	10	2.0	0.3	C,D	S	GA FA 18
324PVAG	18.00	147	11/23/1973	10	1.0	0.1	H	S	GA FA 19
321CNMG	28.00	12	06/17/1973	8	2.0	0.7	D	S	GA FA 20
341JNGS	9.00	3	07/08/1946	20	1.0	6.7	U	--	GA FA 21
341HMPR	40.00	30	04/21/1975	10	1.0	0.3	H	S	GA FA 22
341JNGS	30.00	40	07/27/1972	6	3.0	0.2	H	S	GA FA 23
321CNMG	170.00	59	11/23/1977	30	0.5	0.5	H	S	GA FA 24
321CNMG	301.00	--	--	--	--	--	U	--	GA FA 25
321CNMG	16.00	--	--	--	--	--	U	--	GA FA 26
321CNMG	169.00	--	--	--	--	--	U	--	GA FA 27
321CNMG	105.50	--	--	--	--	--	U	--	GA FA 28
321CNMG	130.75	--	--	--	--	--	U	--	GA FA 29
321CNMG	--	--	--	--	--	--	H	--	GA FB 4
321CNMG	4.00	56	04/ /1947	6	1.0	0.1	H	--	GA FB 5

WATER USE CODES

H DOMESTIC
C COMMERCIAL
T INSTITUTION
U UNUSED
D DEWATER

LIFT TYPE CODES

S SUBMERSIBLE
P PISTON

Table 5.—Garrett County selected water-well records (continued).

LOCAL NUMBER	PERMIT NUMBER	OWNER	DRILLER	DATE COMPLETED	ALTITUDE OF LAND SURFACE (FEET)	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DEPTH CASED (FEET)
GA FB 6	GA-00-1312	SHREVE, ZELLA	KELLEY	04/ /1947	2690	66.00	6	12
GA FB 7	GA-00-1352	GRUBB, JOHN W	KELLEY	05/ /1947	2750	60.00	6	22
GA FB 9	GA-00-8607	ARBIGHAST, HARVEY	DILLEY	09/ /1951	2580	66.00	6	21
GA FB 10	GA-00-8908	--	DILLEY	10/ /1951	2330	50.00	6	20
GA FB 11	GA-01-0427	REEL, ELSIE	DILLEY	07/ /1952	2500	205.00	6	11
GA FB 12	GA-01-0290	HENLINE, PAUL	321CNMG	06/ /1952	2570	80.00	6	21
GA FB 13	GA-00-8607	ARBIGHAST, HARVEY	HARDESTY	09/ /1951	2570	66.00	6	21
GA FB 14	GA-01-0291	SKEWIERS, ISADORE	DILLEY	06/ /1952	2650	66.00	6	12
GA FB 15	GA-00-8881	BLAMBLE, GRANT	HARDESTY	10/ /1951	2620	70.00	6	20
GA FB 16	GA-73-0680	STONER, CHARLES W	J BRENNEMAN	08/31/1974	2770	150.00	6	40
GA FB 17	GA-73-0143	SNYDER, BARBARA	J BRENNEMAN	12/18/1972	2755	100.00	6	42
GA FB 18	GA-73-0756	CORBIN, WILLIAM D	L FORD	10/04/1974	2920	122.00	6	22
GA FB 19	GA-73-0109	SHAFFER, ALBERT C	D DILLEY	10/17/1972	2355	63.00	5	33
GA FB 20	GA-73-0653	COOPER, GARY B	D DILLEY	09/06/1974	2675	93.00	5	21
GA FB 21	GA-73-0643	COOPER, WALTER S	D DILLEY	10/01/1974	2560	78.00	5	22
GA FC 1	--	MINERAL ENGR CO	--	1976	2840	--	--	--

PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DRAW-DOWN (FEET)	DATE DISCHARGE MEASURED	DISCHARGE (GALLONS PER MINUTE)	PUMPING PERIOD (HOURS)	SPECIFIC CAPACITY (GPM/FT)	USE OF WATER	TYPE OF LIFT	LOCAL NUMBER
321CNMG	6.00	45	04/ /1947	11	1.0	0.2	H	--	GA FB 6
321CNMG	10.00	15	05/ /1947	20	1.0	1.3	H	--	GA FB 7
321CNMG	20.00	40	09/ /1951	4	2.0	0.1	H	--	GA FB 9
321CNMG	10.00	--	10/ /1951	5	1.0	--	H	--	GA FB 10
321CNMG	10.00	125	07/ /1952	2	2.0	0.0	H	--	GA FB 11
321CNMG	30.00	40	06/ /1952	6	2.0	0.1	H	--	GA FB 12
321CNMG	20.00	40	09/ /1951	4	2.0	0.1	H	--	GA FB 13
321CNMG	16.00	34	06/ /1952	5	2.0	0.1	H	--	GA FB 14
321CNMG	12.00	28	10/ /1951	7	1.0	0.3	H	--	GA FB 15
321CNMG	47.00	103	08/31/1974	3	1.0	0.0	U	S	GA FB 16
337POCN	51.00	49	12/18/1972	3	1.0	0.1	H	S	GA FB 17
324PVAG	0.00	122	10/04/1974	6	2.0	0.0	H	S	GA FB 18
321CNMG	10.00	30	10/17/1972	10	3.0	0.3	H	S	GA FB 19
321CNMG	35.00	15	09/06/1974	7	3.0	0.5	H	S	GA FB 20
321CNMG	30.00	20	10/01/1974	6	2.0	0.3	H	S	GA FB 21
321CNMG	--	--	--	--	--	--	U	--	GA FC 1

WATER USE CODES

H DOMESTIC
U UNUSED

LIFT TYPE CODES

S SUBMERSIBLE

Table 6.—Garrett County selected spring records.

LOCAL NUMBER	OWNER	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	ALTITUDE OF LAND SURFACE (FEET)	PRINCIPAL AQUIFER	IM-PROVE-MENTS	USE OF WATER	LOCAL NUMBER
GA AA 2	HUMBLESON, FRISBY	--	--	2000	321CNMG	--	H	GA AA 2
GA AA 3	CHISHOLM ESTATE, A M	--	--	2100	321CNMG	L	H	GA AA 3
GA AA 5	THOMAS, EMERSON	--	--	1900	321CNMG	C	H	GA AA 5
GA AB 3	VITEZ, JAMES	3	08/21/1951	1650	324ALGN	L	H	GA AB 3
GA AB 6	HUMBERSON, IVAN	--	--	1510	321CNMG	R	H	GA AB 6
GA AB 7	HUMBERSON, RALPH	--	--	1740	324ALGN	R	H	GA AB 7
GA AB 8	TOWN OF FRIENDSVILLE	--	--	2340	324PVAG	R	P	GA AB 8
GA AC 4	GLOVER, CLYDE	--	--	2550	341HMPR	R	H	GA AC 4
GA AC 8	RYLAND, ROSS R	2	08/15/1951	2760	337POCN	--	H	GA AC 8
GA AC 9	WATT, W H	--	--	2770	337POCN	R	H	GA AC 9
GA AC 14	BOUGHER, EDWARD	3	08/16/1951	2540	337POCN	R	H	GA AC 14
GA AC 15	RICHTER, ALBERT	--	--	2530	337POCN	B	H	GA AC 15
GA AC 16	KALBFLEISCH, LUCINDA	--	--	2550	337POCN	R	H	GA AC 16
GA AC 17	GRIFFITH, BERT	--	--	2300	341HMPR	R	H	GA AC 17
GA AC 30	FRIEND, JOE	25	08/02/1977	2730	337POCN	N	S	GA AC 30
GA AD 2	ASHBY, C E	2	07/21/1950	2715	324PSVL	--	H	GA AD 2
GA AD 3	TOWN OF GRANTSVILLE	--	--	2800	324ALGN	--	P	GA AD 3
GA AD 11	DURST, JEFFERSON T	2	08/09/1951	2560	324ALGN	--	H	GA AD 11
GA AD 13	TOWN OF GRANTSVILLE	--	--	2820	324PSVL	--	P	GA AD 13
GA AD 14	BEADY, ALVIN E	2	09/29/1952	2860	324PSVL	--	H	GA AD 14
GA AD 17	HARDESTY, KENNETH L	50	05/18/1977	2835	324PVAG	--	U	GA AD 17
GA AE 6	YODER, MARY	3	08/ /1950	2340	321CNMG	--	H	GA AE 6
GA AE 20	DURST, FLOYD H	--	--	2540	321CNMG	--	H	GA AE 20
GA AE 21	BITTINGER, RUSSEL	1	08/ /1951	2360	321CNMG	--	H	GA AE 21
GA AE 22	TICE, JONAS	--	--	2650	324ALGN	--	H	GA AE 22
GA AE 27	BITTINGER, FRANK	--	--	2610	321CNMG	--	H	GA AE 27
GA AF 5	WAMPLER, ED	--	--	2600	341JNGS	--	H	GA AF 5
GA AF 6	WILHELM, JULIAN	0.3	09/13/1951	2620	341JNGS	--	H	GA AF 6
GA AF 12	MARCHEL, EDGAR	--	--	2570	331GRBR	--	H	GA AF 12
GA AG 10	TOWN OF FROSTBURG	--	--	2650	337POCN	--	P	GA AG 10
GA AG 11	MCKINZIE, HOMER	--	--	2480	341HMPR	--	H	GA AG 11
GA AG 12	FINZEL, WILLIAM	--	--	2430	341HMPR	--	H	GA AG 12
GA AG 13	GARLITZ, WILLIAM	--	--	2400	341HMPR	--	H	GA AG 13
GA AG 14	BARR, D	--	--	2650	337POCN	--	H	GA AG 14
GA AG 15	METZ, ROY	--	--	2540	341HMPR	--	H	GA AG 15
GA AG 17	CATON, C	--	--	2775	337POCN	--	H	GA AG 17
GA AG 25	DURR, GEORGE	0.3	09/13/1951	2580	341JNGS	--	H	GA AG 25
GA BA 2	FRAZEE, HIRAM	--	--	2030	321CNMG	C	U	GA BA 2
GA BA 4	FRIEND, ELLIS	0.3	08/22/1951	2080	321CNMG	L	H	GA BA 4
GA BA 5	SAVAGE, LESLIE	--	--	2320	321CNMG	R	H	GA BA 5
GA BA 7	FISHER, ROY	--	--	2250	324ALGN	C	H	GA BA 7
GA BA 8	SISSLER, G C	--	--	2410	321CNMG	R	H	GA BA 8
GA BA 9	SISSLER, CASPER	--	--	2430	324ALGN	--	H	GA BA 9
GA BB 3	ROADSIDE	2	09/30/1952	1650	331GRBR	--	H	GA BB 3
GA BB 8	MCCROBIE, JOSEPH	0.5	08/21/1951	2310	337POCN	B	H	GA BB 8
GA BB 13	ENLOW, WILLIAM	--	--	2300	331GRBR	R	--	GA BB 13
GA BC 2	ROADSIDE	8	08/10/1950	2180	341HMPR	--	--	GA BC 2
GA BC 17	BEITZEL, EDWIN	4	06/27/1951	2600	321CNMG	R	H	GA BC 17
GA BC 19	ROADSIDE	2	08/09/1951	2560	337POCN	C	--	GA BC 19
GA BC 21	FRIEND, WOODROW	--	--	1920	341HMPR	R	H	GA BC 21
GA BC 23	BECKETT, ALBERT	--	--	2420	341HMPR	L	H	GA BC 23
GA BC 24	DEVINE, W L	--	--	2060	341HMPR	R	C	GA BC 24
GA BC 40	KOLB, HARVEY G	2	08/03/1977	2530	341HMPR	Z	H	GA BC 40
GA BD 4	BITTINGER, KERMIT	--	--	2500	321CNMG	R	H	GA BD 4
GA BD 5	OESER, CLARENCE	--	--	2510	324ALGN	R	H	GA BD 5
GA BD 6	BITTINGER, FLOSSIE	--	--	2620	324ALGN	R	H	GA BD 6
GA BD 7	BURKHOLDER, JESSIE	0.5	08/09/1951	2670	324ALGN	R	H	GA BD 7
GA BD 9	KLOTZ, JOHN	--	--	2660	321CNMG	R	H	GA BD 9
GA BD 38	GARRETT CO ROADS DEPT	5	08/03/1977	2505	321CNMG	N	U	GA BD 38
GA BD 39	BUCKEL, LAWRENCE A	20	08/04/1977	2660	321CNMG	H	H,S	GA BD 39
GA BD 40	BUCKEL, LAWRENCE A	1	08/04/1977	2675	321CNMG	R	S	GA BD 40
GA BD 42	DURST, CALVIN	75	08/16/1977	2630	324PVAG	N	S	GA BD 42
GA BE 2	SWANGER, STANLEY	0.5	09/ /1950	2520	337POCN	--	H	GA BE 2
GA BE 3	MD DEPT FORESTS & PKS	1	07/20/1950	2415	337POCN	B	H	GA BE 3
GA BE 5	BROADWATER, IRA R	--	--	2610	331GRBR	B	H	GA BE 5
GA BE 6	DURST, RAYMOND C	2	08/13/1951	2520	337POCN	R	H	GA BE 6
GA BE 7	OTTO, SAM	--	--	2510	331GRBR	--	H	GA BE 7
GA BE 8	WARNICK, WILLIAM	0.3	08/13/1951	2550	337POCN	--	H	GA BE 8
GA BF 1	GARLITZ, SALLY	6	08/03/1950	2390	341HMPR	H	H	GA BF 1
GA BF 6	ROBERTSON, WILLIAM	--	--	2520	341JNGS	--	H	GA BF 6

IMPROVEMENT CODES

L LINED
C CONCRETE BASIN
R PIPE
N NONE
B BOXED BASIN
Z OTHER
H SPRING HOUSE

WATER USE CODES

H DOMESTIC
S STOCK
P PUBLIC SUPPLY
U UNUSED
C COMMERCIAL

Table 6.—Garrett County selected spring records (continued).

LOCAL NUMBER	OWNER	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	ALTITUDE OF LAND SURFACE (FEET)	PRINCIPAL AQUIFER	IM-PROVE-MENTS	USE OF WATER	LOCAL NUMBER
GA BF 7	CROWE, EDWARD L	--	--	2600	337POCN	--	H	GA BF 7
GA BG 4	BEEMAN, HARRY M	10	08/01/1978	1990	321CNMG	G	H	GA BG 4
GA BG 5	BEEMAN, HARRY M	--	--	1990	321CNMG	G	U	GA BG 5
GA CA 51	TRUMP, JOHN G	4	07/26/1978	2610	324PVAG	R	H	GA CA 51
GA CA 52	PINEY MTN CORP	4	07/26/1978	2500	324PVAG	R	R	GA CA 52
GA CB 27	GLUTFELTY, RICHARD	0.3	08/22/1951	2480	331GRBR	R	H	GA CB 27
GA CB 28	TEETS, SAUL	2	08/22/1951	2110	331MCCK	B	H	GA CB 28
GA CB 29	BAASLAND, PEDER	--	--	2150	331MCCK	--	H	GA CB 29
GA CB 30	MRS GOTT	--	--	2480	324PSVL	--	H	GA CB 30
GA CB 51	ERENRICH, JOE	10	07/20/1977	2595	337POCN	N	U	GA CB 51
GA CC 13	ROADSIDE	--	--	2620	324PSVL	C	U	GA CC 13
GA CC 14	GLUTFELTY, ELWOOD	3	08/09/1951	2680	324ALGN	H	H	GA CC 14
GA CC 17	TEETS, SAM	--	--	2650	324ALGN	--	H	GA CC 17
GA CD 1	BITTINGER, HARVEY	3	08/08/1951	2460	331GRBR	--	H	GA CD 1
GA CD 2	BITTINGER, FRANK W	2	08/08/1951	2640	331MCCK	H	D	GA CD 2
GA CD 7	ROADSIDE	25	08/10/1951	2490	331GRBR	C	--	GA CD 7
GA CD 8	ROADSIDE	4	08/10/1951	2500	331GRBR	Z	--	GA CD 8
GA CE 1	SINES, BERTHA	--	--	1650	341JNGS	R	H	GA CE 1
GA CF 4	GREEN, JESSIE	--	--	2590	321CNMG	H	H	GA CF 4
GA DA 8	CAMPBELL, HARRY	--	--	2500	324ALGN	R	--	GA DA 8
GA DA 11	HERRINGTON MANOR PARK	--	--	2430	321CNMG	H	--	GA DA 11
GA DB 9	LEWIS, H C	--	--	2440	321CNMG	--	H	GA DB 9
GA DB 10	SINES, EDGAR	--	--	2560	321CNMG	R	H	GA DB 10
GA DB 11	SINES, RAYMOND G	2	07/26/1951	2640	324ALGN	--	H	GA DB 11
GA DB 16	TOWN OF OAKLAND	37	08/01/1951	2390	337POCN	--	--	GA DB 16
GA DB 28	--	20	06/01/1960	2370	331GRBR	--	U	GA DB 28
GA DC 23	SCHMIDT, HERMAN	--	--	2580	341HMPR	R	H	GA DC 23
GA DC 29	FIKE, E D	--	--	2740	331MCCK	--	H	GA DC 29
GA DD 5	ROADSIDE	3	08/02/1951	2900	331MCCK	T	U	GA DD 5
GA DE 1	BERHARD, ROBERT	0.5	08/03/1951	2710	324ALGN	R	H	GA DE 1
GA EA 12	TOWN OF CRELLIN	--	--	2560	324ALGN	R	P	GA EA 12
GA EA 13	CANAN, LUTHER	2	07/31/1951	2400	324ALGN	B	H	GA EA 13
GA EA 61	TOWN OF CRELLIN	4	1978	2560	324PVAG	--	P	GA EA 61
GA EB 17	RILEY, A L	4	07/26/1951	2480	341JNGS	L	H	GA EB 17
GA EB 19	BROADWATER, GERALD	2	07/ /1951	2740	337POCN	L	--	GA EB 19
GA EB 20	HARVEY, NAY	--	--	2700	321CNMG	R	H	GA EB 20
GA EB 33	MTN LAKE WTR CO	--	--	2600	337POCN	--	P	GA EB 33
GA EB 34	MTN LAKE WTR CO	100	1978	2600	337POCN	--	P	GA EB 34
GA EB 35	MTN LAKE WTR CO	--	--	2650	337POCN	--	P	GA EB 35
GA EB 72	KITE	25	08/09/1978	2410	341JNGS	G	U	GA EB 72
GA EC 1	NESTLIE CO INC	200	07/27/1978	2500	331GRBR	H	U	GA EC 1
GA EC 3	HARVEY, ELMER	--	--	2740	321CNMG	--	H	GA EC 3
GA EC 4	RAY, DELMAN	--	--	2800	321CNMG	R	H	GA EC 4
GA EC 5	WELCH, WILLIAM	1	07/ /1951	2800	321CNMG	--	H	GA EC 5
GA EC 6	SHAFFER, HARRY	--	--	2620	321CNMG	--	H	GA EC 6
GA EC 7	HARVEY, JAMES C	0.5	07/ /1951	2900	324PVAG	--	--	GA EC 7
GA EC 9	HARVEY, C V	1	08/ /1951	2650	321CNMG	--	H	GA EC 9
GA EC 11	UPHOLE, GEORGE	--	--	2560	321CNMG	--	H	GA EC 11
GA EC 12	PAUGH, BERT	--	--	2670	321CNMG	--	H	GA EC 12
GA FA 5	DIXON, PAUL	--	--	2520	341JNGS	C	H	GA FA 5
GA FA 6	BECHTEL, MARK	--	--	2530	341JNGS	R	H	GA FA 6
GA FA 8	BIEL, BILL	--	--	2570	324PSVL	--	--	GA FA 8
GA FA 9	BIEL, BILL	2	07/25/1951	3030	324PSVL	H	H	GA FA 9
GA FA 10	HALL, BERTHA	--	--	2640	321CNMG	--	H	GA FA 10
GA FA 11	BEACHY, DANIEL	2	07/25/1951	2490	341JNGS	--	H	GA FA 11
GA FB 1	CULLERS, PAUL	1	07/25/1951	2700	321CNMG	--	H	GA FB 1
GA FB 2	WOTRING, R	--	--	2870	324ALGN	L	H	GA FB 2
GA FB 3	LEWIS, MARSHALL	1	07/25/1951	2640	321CNMG	R	H	GA FB 3
GA FB 8	UPHOLE, ED	--	--	2650	337POCN	R	H	GA FB 8
GA GA 1	TOWN OF KEMPTON	750	07/ /1950	2860	321CNMG	H	P	GA GA 1
GA GA 2	LIPSCO, BERLINDA	--	--	2690	321CNMG	--	--	GA GA 2

IMPROVEMENT CODES

G GALLERY
R PIPE
B BOXED BASIN
N NONE
C CONCRETE BASIN
H SPRING HOUSE
Z OTHER
T TROUGH
L LINED

WATER USE CODES

H DOMESTIC
U UNUSED
R RECREATION
D DEWATER
P PUBLIC SUPPLY

Table 7.—Garrett County gas-well records.

[Well No.: (A) - refer to inset map, Plate 2. Altitude of land surface: Datum, mean sea level; KB, kelly bushing; RT, rotary table; DF, derrick floor; RB, rotary bushing]

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total* depth (ft)	Formations[Δ] penetrated (depth to top, in ft)	Geophysical[x] logs	Remarks and references
77	New Penn Development Co., William Snee, et al. #1 George Georg	Accident N39°38'19" W79°19'43"	-	1942	2,535	6,735	Pocono (?) at surface did not reach Corniferous lime		Gas test, dry hole. Amsden (1954) Tucker (1943)
78	New Penn Development Co., William Snee, et al. #1 Katherine Schartzer (Humbertson #1679)	Accident N39°28'09" W79°19'25"	-	1942	2,615	8,163	Pocono at surface Chemung, Portage, Genessee, Hamilton 1,631 Marcellus 1,631 Onondaga 7,890 Huntersville 7,905 Needmore 8,002 Oriskany 8,082		Gas test, dry hole. Amsden (1954) Martens (1945) Tucker (1943)
79	Norwood Johnson, et al. #1 Speicher	Accident N39°37'31" W79°19'28"	-	1922	2,385	5,160 deepened to 7,183	Pocono at surface Chemung (?) 618 Portage (?) 3,700		Oil or gas test, dry hole. Deepened in 1943. Amsden (1954) Tucker (1936), (1943)
80	William Snee, et al. #1 DeLeon J. Rush	Accident N39°38'00" W79°19'46"	-	1944	2,480	6,539	Pocono at surface No subsurface data.		Gas test, dry hole. Amsden (1954) Tucker (1943)
81	Snee and Eberly #1 McCullough	Accident N39°39'37" W79°18'44"	9,766	1953	2,010	7,191 deepened to 7,238	Hampshire at surface Tully 6,131 1st Brown break 6,952 1st Onondaga 6,954 1st Huntersville 6,971 2nd Brown break 7,018 2nd Onondaga 7,020 2nd Huntersville 7,040 Oriskany 7,186		Gas producer, converted to gas storage by Texas Eastern. Repeated Section due to probable fault at 6,971 feet. Discovery well, Accident Field
82	Snee and Eberly #1 John Miller John Miller Unit	Accident N39°37'58" W79°20'51"	G-1	1954	2,411	7,451 deepened to 7,720	Pocono at surface Onondaga 7,048 1st Huntersville 7,084 60' fault 7,143 2nd Huntersville 7,144 90' fault 7,234 Needmore 7,380 Oriskany 7,426 Helderberg 7,556	Deepened hole: Temperature Formation density	Gas producer. Deepened in 1964 and converted to gas storage well by Texas Eastern.

83	Snee and Eberly #1 Harold Georg Harold Georg Unit	Accident N39°38'15" W79°18'22"	G-21	1956	2,335	7,880	Hampshire at surface Brown break 7,870 Onondaga 7,872		Gas test, dry hole.
84	Snee and Eberly #1 Charles Bowser Charles Bowser Unit	Accident N39°37'49" W79°18'00"	G-22	1956	2,659 2,676KB	7,812	Pocono at surface 180' fault 3,240 Benson 3,590 Tully 6,732 60' fault 7,136 Onondaga 7,483 Huntersville 7,511 Needmore 7,610 Oriskany 7,664 Helderberg 7,788	Gamma ray Directional Temperature	Gas producer. Reworked in 1963 by Texas Eastern and converted to gas storage.

*Total depth: By driller.

[Δ]Formations penetrated: Data obtained from completion reports or other authoritative sources and are not necessarily verified by the Maryland Geological Survey (M.G.S.).

[x]Geophysical logs: Subsurface logs reported to M.G.S. as having been run by operator and may not always indicate all the logs actually run. M.G.S. may not have copies of all logs listed. No entry in this column does not necessarily indicate no logs were run, but M.G.S. has no record of such.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
85	Snee and Eberly #1 Herman - Hanlin Herman and Hanlin Unit	Accident N39°38'23" W79°21'00"	G-23	1956	2,353 2,368KB	7,175 deepened to 7,350	Hampshire at surface Tully 6,405 Brown break 7,024 Onondaga 7,026 Huntersville 7,046 Oriskany 7,186 Helderberg 7,330		Gas producer. Deepened in 1963 and converted to gas storage by Texas Eastern
86	Snee and Eberly #1 Roy Turney John Miller Unit	Accident N39°38'30" W79°20'26"	G-24	1957	2,391DF	7,260 deepened to 7,563	Hampshire at surface 100' fault 6,723 1st Onondaga 6,972 1st Huntersville 7,014 55' fault 7,032 2nd Onondaga 7,040 2nd Huntersville 7,060 1st Oriskany 7,247 155' fault 7,290 3rd Huntersville 7,290 2nd Oriskany 7,410 Helderberg 7,536	Deepened hole: Formation density Gamma ray	Gas producer. Deepened in 1964 and converted to gas storage by Texas Eastern
87	Snee and Eberly #1 Black and Frazee Black and Frazee Unit	Accident N39°39'14" W79°19'42"	G-25	1958	1,959 1,965DF	6,707 deepened to 6,850	Hampshire at surface Brown break 6,534 Onondaga 6,536 Huntersville 6,555 Needmore 6,655 Oriskany 6,685 Helderberg 6,819		Gas producer. Deepened in 1963 and converted to gas storage by Texas Eastern
88	Snee and Eberly #1 Brobst Carrie Brobst Unit	Accident N39°39'01" W39°20'45"	G-32	1959	2,199 2,211KB	7,584	Hampshire at surface Tully lime 6,350 Brown break 7,169 Onondaga 7,171 Huntersville 7,190 Needmore 7,276 1st Oriskany 7,372 Shale 7,397 2nd Oriskany 7,434		Gas producer. Reworked in 1964 and converted to gas storage by Texas Eastern
89	Snee and Eberly #1 J. W. Margroff J. W. Margroff Unit	Accident N39°40'46" W79°17'45"	G-33	1960	2,387 2,393DF	7,639	Hampshire at surface Brown break 7,503 Onondaga 7,505 Huntersville 7,529		Gas producer, converted to gas storage by Texas Eastern.
90	Snee and Eberly #1 U. S. A. - Henry Bach U. S. A. - Henry Bach Unit	Accident N39°39'42" W79°16'45"	G-35	1960	2,342 2,354KB	7,936	Hampshire at surface Brown break 7,560 Onondaga 7,562 Huntersville 7,585 Needmore 7,735 Oriskany 7,773		Gas producer.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
91	Texas Eastern Transmission Corp. #2 Herman and Hanlin Unit	Accident N39°38'03" W79°21'27"	G-39	1964	2,400 2,415RB	7,800	Hampshire at surface 65' fault 7,012 100' fault 7,173 45' fault 7,328 Onondaga 7,374 Huntersville 7,408 Oriskany 7,538 Helderberg 7,667	Gamma ray-neutron collar Formation density Induction Sonic-caliper Gamma ray	Observation gas storage well.
92	Texas Eastern Transmission Corp. #1 Mark Lokotos John Miller Unit	Accident N39°38'13" W79°20'30"	G-40	1964	2,441 2,455KB	7,605	Pocono at surface Tully 6,280 25' normal fault 6,995 Onondaga 6,997 Huntersville 7,030 Needmore 7,203 Oriskany 7,263 Helderberg 7,407	Formation density Gamma ray	Gas test, temporarily abandoned. Later converted to gas storage well.
93	Texas Eastern Transmission Corp. #1 Woodrow Friend (amended loc.) Black and Frazee Unit	Accident N39°39'26" W79°19'30"	G-41	1966	1,979	7,160	Hampshire at surface Tully 5,193 1st Onondaga 6,563 1st Huntersville 6,595 2nd Onondaga 6,689 2nd Huntersville 6,732 3rd Huntersville 6,821 Needmore 6,942 Oriskany 6,983 Helderberg 7,106	Formation density Sonic amplitude Gamma ray-neutron Directional Caliper Temperature	Gas storage well. Repeated section probably due to fault at 6,689 feet.
94	Texas Eastern Transmission Corp. #1 Harold Jenkins Black and Frazee Unit	Accident N39°38'58" W79°20'05"	G-42	1964	2,310 2,326KB	7,303	Hampshire at surface 1st Onondaga 6,746 30' fault 6,746 2nd Onondaga 6,774 1st Huntersville 6,798 90' fault 6,876 3rd Onondaga 6,876 2nd Huntersville 6,890 Needmore 6,997 Oriskany 7,030 45' fault 7,082 Helderberg 7,223	Formation density Gamma ray-caliper Temperature Directional	Gas producer. Converted to gas storage well.
95	Texas Eastern Transmission Corp. #3 Herman and Hanlin Carrie Brobst Unit	Accident N39°38'41" W79°20'51"	G-48	1965	2,245 2,261KB	7,323	Hampshire at surface Onondaga 6,975 Huntersville 6,999 Needmore 7,101 Oriskany 7,134 Helderberg 7,278	Formation density Gamma ray-caliper Temperature Directional	Gas storage well.
96	Snee and Eberly #1 U. S. A. - Harry P. Collier	Accident N39°40'19" W79°15'58"	G-49	1965	2,847 2,861KB	8,809	Pocono at surface 1st Onondaga 8,430 1st Huntersville 8,447 2nd Onondaga 8,484 2nd Huntersville 8,499 Needmore 8,605 Oriskany 8,630		Gas test, dry hole.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
97	Texas Eastern Transmission Corp. #1 John H. Bowman John Miller Unit	Accident N39°37'34" W79°21'06"	G-51	1965	2,380 2,396KB	7,780	Pocono at surface Tully 6,228 50' fault 6,900 50' fault 7,028 1st Onondaga 7,100 20' fault 7,119 2nd Onondaga 7,120 1st Huntersville 7,156 80' fault 7,233 2nd Huntersville 7,233 130' fault 7,362 3rd Huntersville 7,364 Needmore 7,503 1st Oriskany 7,557 18' fault 7,574 2nd Oriskany 7,575 Helderberg 7,690		Gas storage well.
98	Texas Eastern Transmission Corp. #2 Ford C. McCullough Ford C. McCullough Unit	Accident N39°39'50" W79°19'08"	G-55	1965	2,234 2,249KB	7,369	Hampshire at surface Tully 6,387 Onondaga 7,085 Huntersville 7,110 Needmore 7,216 Oriskany 7,250 Helderberg 7,355		Gas storage well.
99	Texas Eastern Transmission Corp. #2 Black and Frazee Black and Frazee Unit	Accident N39°39'01" W79°19'50"	G-56	1965	2,270 2,285KB	7,120	Hampshire at surface Tully 5,975 Onondaga 6,742 Huntersville 6,770 Needmore 6,965 Oriskany 7,016 Helderberg 7,115	Formation density Directional Gamma ray-neutron Temperature-caliper Casing collar	Gas storage well.
100	Texas Eastern Transmission Corp. #1 Bowman - Seibert Herman and Hanlin Unit	Accident N39°37'46" W79°21'23"	G-61	1966	2,418	7,355	Pocono at surface Tully 6,342 Onondaga 7,043 Huntersville 7,064 Needmore 7,172 Oriskany 7,216	Formation density Gamma ray-neutron Caliper Directional	Gas storage well.
101	Texas Eastern Transmission Corp. #2 Mark Lokotos John Miller Unit	Accident N39°38'12" W79°20'45"	G-62	1966	2,398	7,485	Hampshire (?) at surface Tully 6,294 Onondaga 7,178 Huntersville 7,203 Needmore 7,306 1st Oriskany 7,338 30' fault 7,365 2nd Oriskany 7,369	Formation density Gamma ray-neutron Caliper Directional	Gas storage well. Surface location near Hampshire-Pocono contact.
102	Texas Eastern Transmission Corp. #4 Herman and Hanlin Carrie Brobst Unit	Accident N39°38'25" W79°20'46"	G-64	1966	2,373	7,568	Hampshire at surface Tully 6240 Onondaga 7,079 Huntersville 7,103 Needmore 7,320 Oriskany 7,381	Formation density Gamma ray-neutron Caliper Directional	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
103	Texas Eastern Transmission Corp. #1 Snee and Eberly John Miller Unit	Accident N39°37'45" W79°21'02"	G-68	1966	2,445	7,430	Pocono at surface Tully 6,254 Onondaga 7,038 1st Huntersville 7,058 75' fault 7,131 2nd Huntersville 7,134 Needmore 7,259 Oriskany 7,326	Formation density Gamma ray-neutron Caliper Directional	Gas storage well.
104	Texas Eastern Transmission Corp. #2 Roy Turney John Miller Unit	Accident N39°38'44" W79°20'22"	G-77	1966	2,250	7,270	Hampshire at surface Tully 6,313 Onondaga 6,834 1st Huntersville 6,859 1st Needmore 6,980 fault 6,996 2nd Huntersville 6,996 2nd Needmore 7,062 1st Oriskany 7,084 fault ? 3rd Needmore 7,091 2nd Oriskany 7,108 Helderberg 7,220	Formation density Gamma ray-neutron Temperature Directional	Gas storage well.
105	Texas Eastern Transmission Corp. #3 Ford C. McCullough Black and Frazee Unit	Accident N39°39'13" W79°19'57"	G-80	1966	1,958	7,185	Hampshire at surface Tully 5,799 Onondaga 6,868 Huntersville 6,890 Needmore 7,031 Oriskany 7,062 Helderberg 7,184	Gamma ray-density Caliper Temperature Gamma ray-neutron Cement bond	Gas storage well.
106	Consolidated Gas Supply Corp. #WN-1104 Edward C. Brougher Negro Mountain Unit	Accident N39°43'00" W79°17'07"	G-87	1969	2,507	8,019	Pocono at surface Brown break 7,770 Onondaga 7,780 Huntersville 7,795 Oriskany 7,964 Helderberg 7,998	Induction Formation density Perforating depth Caliper	Gas test, dry hole.
107	Texas Eastern Transmission Corp. #2 U. S. A. - Savage River State Forest Charles Bowser Unit	Accident N39°37'47" W79°17'30"	G-89	1969	2,772	8,172	Pocono at surface Tully 6,836 Onondaga 7,536 Huntersville 7,568 Needmore 7,799 Oriskany 7,906 Helderberg 8,074	Formation density Gamma ray-neutron Casing collar	Gas storage well.
108	Texas Eastern Transmission Corp. #1 Elizabeth Everly	Accident N39°39'43" W79°19'26"	G-91	1969	2,346	7,505	Hampshire at surface Tully 6,286 Onondaga 6,979 Huntersville 7,004 1st Needmore 7,222 fault ? 2nd Needmore 7,259 fault ? 3rd Needmore 7,300 Oriskany 7,370 Helderberg 7,504	Formation density Gamma ray-neutron Induction Casing collar Temperature Caliper	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
109	Texas Eastern Transmission Corp. #2 Charles E. Bowser Charles Bowser Unit	Accident N39°37'58" W79°17'49"	G-93	1969	2,513	7,631	Pocono at surface Tully 6,594 Onondaga 7,314 Huntersville 7,338 Needmore 7,458 Oriskany 7,503 Helderberg 7,643	Formation density Gamma ray-neutron	Gas storage well.
110	Snee and Eberly #1 G. H. Blocher	Avilton N39°40'45" W79°01'00"	4,927	1950	2,630	5,136	Jennings at surface Tully 4,105 Onondaga 5,025 Huntersville 5,081 Needmore 5,099 Oriskany 5,133		Gas test, dry hole. Amsden (1954)
111	Superior Oil Development Co. #1 William A. Robeson	Avilton N39°38'15" W79°03'00" (approx.)	7,613	1951	2,530	5,004	Jennings at surface Tully 3,920 Onondaga 4,862 Huntersville 4,918 Needmore 4,936 Oriskany 4,960		Gas test, dry hole. Amsden (1954)
112	Seaboard Oil and Gas Co. #1 Wilt - Jacobs	Avilton N39°38'27" W79°03'15"	9,547	1952	2,559	4,884	Jennings at surface Tully 3,736 Huntersville 4,819 Oriskany 4,880		Gas test, dry hole. Amsden (1954)
113	Consolidated Gas Supply Corp. #1 Naomi Berry	Avilton N39°42'48" W79°00'06"	G-82	1967	2,439	5,340	Jennings at surface Huntersville 5,170 Needmore 5,210 Oriskany 5,252	Gamma ray-density Induction Caliper	Gas test, dry hole.
114	Barton Water Co.	Barton N39°32'28" W79°01'52"	5,307	1950	1,580	1,014	Conemaugh at surface Allegheny-Pottsville ? Mauch Chunk 1,000		Stratigraphic test and water well. Slaughter (1962)
115	Oil Ventures, Inc. #1 Kenneth Beckman	Bittinger N39°30'17" W79°12'50"	8,310	1952	2,630	6,010	Jennings at surface Marcellus 5,572 Brown break 5,790 Onondaga 5,792 Huntersville 5,837 Needmore 5,871 Oriskany 5,992		Gas test, dry hole. Amsden (1954)
116	Deer Park Hotel Baltimore and Ohio Railroad	Deer Park N39°25'08" W79°19'45"	-	1890	2,460	2,010	No data available		Water well, now abandoned. Clark, and others (1918) Darton (1902), (1905)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
117 (A)	Snee and Eberly #1 Gordon	Deer Park N39°24'35" W79°21'23"	7,090	1951	2,450	4,145	Jennings at surface Tully 3,132 Brown break 3,695 Onondaga 3,698 Huntersville 3,725 Needmore 3,798 Oriskany 3,848 Helderberg 3,952		Gas producer, plugged and abandoned 1961. Amsden (1954)
118 (A)	Columbian Carbon Co. #1 D. E. Offutt, et al. GW-1505 (#1 William R. Offutt)	Deer Park N39°24'50" W79°21'28"	7,399	1951	2,530	4,511	Jennings at surface Onondaga 3,891 Huntersville 3,943 Needmore 3,981 Oriskany 4,035 Helderberg 4,144 Chert 4,423		Gas producer, plugged and abandoned 1967. Amsden (1954)
119 (A)	Blaho Oil and Gas Co. Thomas J. Blaho, Jr. #1 Kight (Mountain Lake Park Association)	Deer Park N39°24'02" W79°22'10"	7,482	1951	2,415	3,675	Jennings at surface Brown break 3,575 Onondaga 3,528 Huntersville 3,606		Gas producer, abandoned. Amsden (1954)
120 (A)	O. M. Fox, et al. (Fox, Trimble, et al.) #1 McKee	Deer Park N39°23'59" W79°22'05"	7,770	1951	2,430	3,834	Jennings at surface Tully 2,940 Marcellus 3,653 Huntersville 3,798		Gas producer, plugged and abandoned 1952. Amsden (1954)
121	Charles E. Young Columbian Carbon Co. #1 F. Perry Smith, Jr.	Deer Park N39°26'49" W79°19'12"	7,776	1951	2,570	5,212	Jennings at surface Tully 4,345 Onondaga 4,875 Huntersville 4,934 Oriskany 5,055		Gas test, dry hole. Amsden (1954)
122	Eagle Gas Co. #1 Dorothea Ashby	Deer Park N39°28'14" W79°20'11"	7,783	1951	2,540	1,427	Hampshire at surface No data available		Gas test, dry hole. Amsden (1954)
123 (A)	Mid-Atlantic Oil and Gas Co. #1 J. B. Simmons (W. B. Symonds)	Deer Park N39°23'36" W79°22'20"	7,872	1952	2,460	4,186	Jennings at surface Brown break 3,921 Onondaga 3,923 Huntersville 3,956 Needmore 4,034 Oriskany 4,079		Gas test, dry hole. Amsden (1954)
124	Mid-Atlantic Oil and Gas Co. #1 J. Clarence Lashorn (C. J. Lashorn)	Deer Park N39°25'48" W79°19'46"	7,882	1951	2,540	5,195	Jennings at surface Tully 4,493 Brown break 5,042 Onondaga 5,045 Huntersville 5,068 Needmore 5,127 Oriskany 5,180		Gas test, dry hole. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
125 (A)	New York State Natural Gas Corp. #1 John K. Shaw estate, Mercantile Trust Co. of Baltimore, trustees. #N-241	Deer Park N39°24'31" W79°22'02"	8,200	1952	2,440	3,963	Jennings at surface Onondaga 3,668 Huntersville 3,705 Oriskany 3,829 Helderberg 3,925		Gas test, dry hole. Amsden (1954)
126	Harry Goodman Goodman Brothers, Inc. #1 Holtschneider	Deer Park N39°26'33" W79°22'17"	8,209	1952	2,640	2,600	Hampshire at surface No data available.		Gas test, dry hole. Amsden (1954)
127 (A)	Columbian Carbon Co. #1 Emily F. Moon GW-1506	Deer Park N39°24'39" W79°22'05"	8,220	1951	2,457	4,267	Jennings at surface Brown break 4,011 Onondaga 4,014 Huntersville 4,043 Needmore 4,090 Oriskany 4,154 Helderberg 4,265		Gas test, dry hole. Amsden (1954)
128	Union Drilling Co. #1 Roy B. Lichty	Deer Park N39°23'20" W79°21'12"	8,296	1951	2,510	3,800	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
129 (A)	Richard Downing Moran and Co. #1 McClain	Deer Park N39°24'17" W79°22'29" (approx.)	8,360	1951	2,505	3,986	Jennings at surface Brown break 3,703 Onondaga 3,706 Huntersville 3,733 Needmore 3,823 Oriskany 3,860 Helderberg 3,975		Gas test, dry hole. Amsden (1954)
130 (A)	Snee and Eberly #1 Simmons	Deer Park N39°23'48" W79°22'15"	8,389	1951	2,410	3,786	Jennings at surface Tully 3,170 Marcellus 3,660 Brown break 3,718 Onondaga 3,719 Huntersville 3,747		Gas producer, plugged and abandoned 1953. Amsden (1954)
131 (A)	Delaware Gas Co. #1 George T. Perrine, et al.	Deer Park N39°23'27" W79°22'29"	8,404	1951	2,420	3,835	Jennings at surface Tully 3,032 Brown break 3,674 Onondaga 3,677 Huntersville 3,711 Oriskany 3,824		Gas producer, plugged and abandoned 1952 Amsden (1954)
132	Penn-Maryland Gas Co. #1 Murphy	Deer Park N39°24'00" W79°20'40"	8,427	1951	2,480	?	Hampshire at surface No data available.		Gas test, dry hole. No completion report. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
133 (A)	New York State Natural Gas Corp. #2 John K. Shaw estate, Mercantile Trust Co. of Baltimore, trustees. #N-247	Deer Park N39°24'01" W79°22'00"	8,438	1952	2,450	7,162	Jennings at surface Tully 3,240 Onondaga 3,765 Huntersville 3,790 Oriskany 3,904 Helderberg 4,007 Tonoloway 4,380 Wills Creek 5,085 Williamsport 5,740 McKenzie 5,790 Rose Hill 6,450 Tuscarora 7,120		Gas test, dry hole. Amsden (1954)
134 (A)	Cumberland and Allegheny Gas Corp. #1 H. M. Weeks A-461	Deer Park N39°23'49" W79°22'28"	8,524	1951	2,390	3,719	Jennings at surface Tully 2,928 Marcellus 3,428 Brown break 3,465 Onondaga 3,467 Huntersville 3,490 Oriskany 3,608 Helderberg 3,716		Gas producer, plugged and abandoned 1954. Amsden (1954)
135 (A)	Snee and Eberly #2 Gordon	Deer Park N39°24'44" W79°21'46"	8,570	1951	2,480	4,042	Jennings at surface Tully 3,204 Brown break 3,775 Onondaga 3,778 Huntersville 3,811 Oriskany 3,931 Helderberg 4,007		Gas test, dry hole. Amsden (1954)
136 (A)	Thomas Lafferty and Columbus Whetzel #1 Ashby	Deer Park N39°23'43" W79°22'28"	8,709	1951	2,390	3,719?	Jennings at surface Huntersville 3,530 Oriskany 3,641		Gas producer, abandoned. Amsden (1954)
137 (A)	Cumberland and Allegheny Gas Corp. #1 C. C. Mason A-465	Deer Park N39°23'58" W79°22'08"	8,768	1951	2,418	3,980	Jennings at surface Brown break 3,692 Onondaga 3,696 Huntersville 3,729 Oriskany 3,848 Helderberg 3,972		Gas producer, plugged and abandoned 1952. Amsden (1954)
138 (A)	Antietam Natural Gas Co., Inc. #1 Killius - Sisler	Deer Park N39°23'42" W79°22'29"	8,787	1951	2,440	4,077	Jennings at surface Huntersville 3,850 Oriskany 3,979		Gas producer, abandoned 1952. No completion report. Amsden (1954)
139 (A)	Fox and Trimble #2 McKee	Deer Park N39°23'52" W79°22'12"	8,924	1952	2,400	4,038	Jennings at surface Brown break 3,817 Onondaga 3,823 Huntersville 3,852 Oriskany 3,964		Gas test, dry hole. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
140 (A)	W. H. and J. A. Roeder (Roeder and Roeder) #1 United Brethren Church	Deer Park N39°23'36" W79°22'27"	9,010	1951	2,420	3,721	Jennings at surface Tully 3,100 Marcellus 3,570 Onondaga 3,642 Huntersville 3,672		Gas producer, plugged and abandoned 1952. Amsden (1954)
141 (A)	Mid-Atlantic Oil and Gas Co. #1 Joseph Callis, et al.	Deer Park N39°23'40" W79°22'15"	9,156	1951	2,480	4,040	Jennings at surface Brown break 3,875 Onondaga 3,877 Huntersville 3,912 Oriskany 4,022		Gas producer, plugged and abandoned 1952. Amsden (1954)
142	Mid-Atlantic Oil and Gas Co. #1 I.O.O.F. Oak Lodge #8	Deer Park N39°23'38" W79°22'25"	9,157	1951	2,425	3,975	Jennings at surface Onondaga 3,699 Huntersville 3,729 Oriskany 3,842		Gas producer, plugged and abandoned 1952. Amsden (1954)
143 (A)	Mid-Atlantic Oil and Gas Co. (Union Drilling Co.) #1 Baltimore and Ohio Railroad	Deer Park N39°23'45" W79°22'23"	9,158	1952	2,400	3,712	Jennings at surface Tully 3,070 Brown break 3,627 Onondaga 3,628 Huntersville 3,655		Gas test, dry hole. Amsden (1954)
144 (A)	Penn-Maryland Gas Co. #1 Smith	Deer Park N39°23'38" W79°22'10"	9,172	1952	2,490	4,231+	Jennings at surface Huntersville 4,102 Oriskany 4,231		Gas test, dry hole. No completion report. Amsden (1954) (data from Oil and Gas Journal, Apr. 28, 1952)
145 (A)	S. and M. Oil and Gas, Inc. #1 H. Z. Gibson	Deer Park N39°23'39" W79°22'28"	9,224	1952	2,410	4,044	Jennings at surface Onondaga 3,555 Huntersville 3,585 Oriskany 3,660 Helderberg 3,750		Gas test, dry hole. Amsden (1954)
146 (A)	Snee and Eberly #3 Gordon	Deer Park N39°24'31" W79°21'41"	9,339	1952	2,510	4,091	Jennings at surface Tully 3,221 Brown break 3,775 Onondaga 3,778 Huntersville 3,800 Oriskany 3,922 Helderberg 4,023		Gas test, dry hole. Amsden (1954)
147 (A)	Thomas Blaho Blaho Oil and Gas Co. #1 Joseph Gower (#1 Garrett)	Deer Park N39°23'31" W79°22'30"	9,489	1952	2,400	3,540+	Jennings at surface Huntersville 3,540		Gas test, dry hole. No completion report. Amsden (1954) (data from Oil and Gas Journal, May 12, 1952)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
148 (A)	Ray Kight #1 Friend	Deer Park N39°24'12" W79°22'05"	9,525	1952	2,440	3,924	Jennings at surface Onondaga 3,733 Huntersville 3,735 Oriskany 3,848		Gas producer, abandoned 1953. Amsden (1954)
149	Potomac Oil and Gas Corp. #1 Bayard Coal Co.	Gorman N39°18'19" W79°18'53"	-	1920	2,350	2,240	Allegheny at surface Homewood Sandstone 115 Maxton Sandstone 866 Greenbrier 874 Berea 1,488 Gordon Sandstone 2,166		Oil or gas test, dry hole. Amsden (1954) Reger (1924) Tucker (1936)
150	Potomac Oil and Gas Corp. #1 John Nydegger	Gorman N39°17'24" W79°21'11"	-	1921	2,360	3,500	Conemaugh at surface Homewood Sandstone 425 Greenbrier 1,440 Berea (?) 1,798 Gordon Sandstone 2,552 Elizabeth Sandstone 3,445		Oil or gas test, dry hole. Amsden (1954) Reger (1924) Tucker (1936)
151	Furman L. Nuss #1 W. H. Steyer	Gorman N39°21'09" W79°20'45"	G-27	1957	2,669	4,116	Allegheny at surface Greenbrier 1,118 Bottomed in Jennings		Gas test, dry hole.
152	U. S. Bureau of Mines Drill Hole CB-2	Grantsville N39°40'12" W79°09'18"	-	1947(?)	2,474	1,045	Conemaugh at surface Allegheny-Pottsville 568 Mauch Chunk 1,012		Stratigraphic test. Toenges, and others (1952)
153	Cumberland and Allegheny Gas Co. #1 Negro Mountain Unit A-602 (Farm 186-A, U. S. A.)	Grantsville N39°39'54" W79°14'10"	G-54	1965	2,929	8,640	Pottsville at surface Mauch Chunk 314 Greenbrier 775 Pocono 785 Hampshire 1,800 Jennings 3,205 Tully 7,531 Hamilton 7,605 Marcellus 7,840 Onondaga 8,358 Huntersville 8,374 Needmore 8,461 Oriskany 8,491 Helderberg 8,634	Induction Formation density Gamma ray-caliper Sonic amplitude Casing collar Perforation record	Gas producer. Discovery well, Negro Mountain Field.
154	Cumberland and Allegheny Gas Co. #1 Sincell and Howell Negro Mountain Unit A-603	Grantsville N39°40'42" W79°13'20"	G-73	1966	2,766	8,607	Pottsville at surface Benson Sandstone 4,675 Tully 7,416 Brown break 8,277 Onondaga 8,279 Huntersville 8,295 Needmore 8,378 Oriskany 8,398 Helderberg 8,548	Formation density Gamma ray-caliper Induction Sonic amplitude	Gas producer.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
155	Cumberland and Allegheny Gas Co. #1 Smith - Kerr A-604	Grantsville N39°41'24" W79°12'50"	G-79	1966	2,882	8,700	Pottsville at surface Benson 4,745 Tully 7,545 Brown break 8,354 Onondaga 8,356 Huntersville 8,373 Needmore 8,460 Oriskany 8,478 Helderberg 8,658	Formation density Gamma ray-caliper Induction Sonic amplitude Directional	Gas producer.
156	U. S. Bureau of Mines Drill Hole GC-5	Lonaconing N39°35'23" W79°59'53"	-	1946	2,000	1,127	Conemaugh at surface Allegheny 586 Pottsville 863 Mauch Chunk 1,063		Stratigraphic test. Toenges, and others (1949)
157	Lonaconing Water Co.	Lonaconing N39°35'27" W79°59'58"	9,415 and 11,429	1951 deepened in 1953	2,000	1,276	Conemaugh at surface Allegheny-Pottsville 540 Mauch Chunk 1,142		Stratigraphic test and water well. Slaughter (1962)
158	Snee and Eberly #1 Ella Collier Ella Collier Unit	McHenry N39°37'20" W79°18'40"	G-3 and G-34	1955	2,399 2,411KB	7,255 deepened to 7,355	Hampshire at surface 1st Benson Sandstone 3,126 80' fault 3,202 2nd Benson Sandstone 3,203 Tully 6,052 175' fault 6,460 Brown break 6,978 Onondaga 6,980 Huntersville 7,003 35' fault 7,032 Needmore 7,132 Oriskany 7,171 Helderberg 7,284	Gamma ray Laterolog	Gas producer. Deepened by Snee and Eberly in 1960 under permit G-34. Converted to gas storage by Texas Eastern
159	Snee and Eberly #1 Ford Fike Ford Fike Unit	McHenry N39°35'31" W79°20'03"	G-12	1956	2,479	7,790	Hampshire at surface Brown break 7,358 Onondaga 7,360 Huntersville 7,384 Needmore 7,498 Oriskany 7,544 Helderberg 7,650		Gas producer, converted to gas storage by Texas Eastern
160	Snee and Eberly #1 Barbara Miller Barbara Miller Unit	McHenry N39°36'26" W79°19'00"	G-16	1955	2,415	7,042 deepened to 7,205	Hampshire at surface Benson 3,145 Brown break 6,860 Onondaga 6,863 Huntersville 6,881 Needmore 6,980 Oriskany 7,025 Helderberg 7,164		Gas producer. Redrilled from 6,626 to 7,205 by Texas Eastern in 1964 and converted to gas storage.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
161	Snee and Eberly #1 Earl Knox Earl Knox Unit	McHenry N39°35'40" W79°19'07"	G-19	1955	2,858 2,869KB	7,728 deepened to 7,769	Pocono at surface Benson 3,738 Onondaga 7,457 Huntersville 7,482 Needmore 7,575 Oriskany 7,612 Helderberg 7,703	Deepened hole: Formation density Gamma ray-caliper	Gas producer. Deepened by Texas Eastern and converted to gas storage (1963)
162	Snee and Eberly #1 Mitchell Rush Mitchell Rush Unit	McHenry N39°37'19" W79°21'26"	G-20	1956	2,332 2,338DF	7,237 deepened to 7,283	Pocono at surface Tully 6,330 45' fault 6,867 Brown break 6,946 Onondaga 6,948 Huntersville 6,972 Needmore 7,088 Oriskany 7,109 Helderberg 7,230		Gas producer. Redrilled from 6,542 to 7,283 by Texas Eastern in 1964 and converted to gas storage.
163	Snee and Eberly #1 Whiteface Whiteface Unit	McHenry N39°34'47" W79°20'00"	G-26	1957	2,850 2,866KB	8,183 deepened to 8,194	Pocono at surface Onondaga 7,616 Huntersville 7,646 Needmore 7,770 Oriskany 7,810 Helderberg 7,937		Gas producer. Deepened by Texas Eastern in 1964 and converted to gas storage.
164	Snee and Eberly #1 Arnold Georg Arnold Georg Unit	McHenry N39°36'37" W79°18'10"	G-28	1957	2,861 2,876KB	7,909 deepened to 8,200	Pocono at surface Tully 7,048 Onondaga 7,790 Huntersville 7,819 Needmore 7,906 Oriskany 7,949 Helderberg 8,100		Gas producer. Deepened by Texas Eastern in 1964 and converted to gas storage.
165	Snee and Eberly #1 Frazee Frazee Bros. Unit	McHenry N39°36'43" W79°22'16"	G-29	1959	2,547	7,762	Pocono at surface Brown break 7,408 Onondaga 7,410 Huntersville 7,434 Needmore 7,566 Oriskany 7,590	Formation density Gamma ray-caliper Temperature	Gas producer, converted to gas storage by Texas Eastern (1964)
166	Snee and Eberly #1 Doerr Doerr Unit	McHenry N39°36'23" W79°21'36"	G-30	1959	2,383	7,810	Pocono at surface Tully 6,345 1st Onondaga 7,317 1st Huntersville 7,353 Shale 7,420 2nd Onondaga 7,465 2nd Huntersville 7,493 Needmore 7,657 Oriskany 7,706		Gas producer, converted to gas storage by Texas Eastern. Repeated section probably due to fault between 7,353 and 7,465.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
167	Snee and Eberly #1 Walter Harman Walter Harman Unit	McHenry N39°36'09" W79°18'17"	G-31	1959	2,788 2,800KB	8,166	Pocono at surface Benson 3,660 Tully 6,845 Brown break 7,639 1st Onondaga 7,642 1st Huntersville 7,661 1st Needmore 7,697 70' fault 7,714 2nd Onondaga 7,714 2nd Huntersville 7,732 2nd Needmore 7,836 Oriskany 7,884 Helderberg 8,020		Gas producer. Reworked by Texas Eastern and converted to gas storage
168	Texas Eastern Transmission Corp. #1 Helen Enlow Walter Harman Unit	McHenry N39°36'08" W79°18'42"	G-44	1965	2,572	7,850	Hampshire at surface Benson 3,577 Onondaga 7,313 Huntersville 7,345 Needmore 7,477 Oriskany 7,528 Helderberg 7,787		Gas storage well.
169	Texas Eastern Transmission Corp. #1 J. J. Schlossnagle Ella B. Collier Unit	McHenry N39°36'59" W79°18'10"	G-45	1964	2,476	7,507	Hampshire at surface Benson 3,208 Tully 6,030 230' fault 6,110 55' fault 6,877 35' fault 7,000 Onondaga 7,062 1st Huntersville 7,093 2nd Huntersville 7,135 50' fault 7,152 Needmore 7,232 Oriskany 7,280 Helderberg 7,464	Formation density Gamma ray-caliper Temperature	Gas storage well.
170	Texas Eastern Transmission Corp. #1 Playford Smith Earl Knox Unit	McHenry N39°36'03" W79°19'13"	G-46	1964	2,505	7,546	Hampshire at surface Benson 3,308 Tully 6,353 Onondaga 7,156 1st Huntersville 7,184 1st Needmore 7,274 55' fault 7,295 2nd Huntersville 7,296 2nd Needmore 7,332 25' fault 7,340 3rd Huntersville 7,341 3rd Needmore 7,349 Oriskany 7,391 Helderberg 7,510	Formation density Directional Temperature	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
171	Texas Eastern Transmission Corp. #2 Barbara Miller Barbara Miller Unit	McHenry N39°36'37" W79°19'00"	G-47	1964	2,459 2,443KB	7,251	Hampshire at surface 90' fault 3,070 Benson 3,268 Tully 6,163 1st Onondaga 6,878 35' fault 6,915 2nd Onondaga 6,916 Huntersville 6,952 Needmore 7,047 Oriskany 7,091 Helderberg 7,225	Formation density Gamma ray-caliper Temperature Induction Directional	Gas storage well.
172	Texas Eastern Transmission Corp. #2 Arnold Georg Arnold Georg Unit	McHenry N39°36'46" W79°18'37"	G-50	1965	2,785 2,801KB	7,801	Pocono at surface Benson 3,546 1st Onondaga 7,258 fault ? 2nd Onondaga 7,345 1st Huntersville 7,374 fault 2nd Huntersville 7,409 Needmore 7,500 Oriskany 7,546 Helderberg 7,695	Formation density Gamma ray-neutron Gamma ray-caliper Directional-caliper Sonic Casing collar Sonic amplitude Section guage Cement bond	Gas storage well.
173	Texas Eastern Transmission Corp. #1 Period B. Spear Ford Fike Unit	McHenry N39°36'07" W79°19'30"	G-52	1965	2,464	7,615	Hampshire at surface Benson 3,300 Onondaga 7,178 Huntersville 7,209 Needmore 7,329 Oriskany 7,365 Helderberg 7,496	Gamma ray-neutron Formation density Cement bond Section gauge Casing collar Directional Temperature	Gas storage well.
174	Texas Eastern Transmission Corp. #1 Roy E. Kahl Earl Knox Unit	McHenry N39°35'15" W79°19'30"	G-53	1965	2,718	7,882	Pocono at surface Benson 3,622 Tully 6,527 Onondaga 7,510 Huntersville 7,543 Needmore 7,629 Oriskany 7,670 Helderberg 7,843		Gas storage well.
175	Texas Eastern Transmission Corp. #1 Walter Burkhard Arnold Georg Unit	McHenry N39°36'32" W79°18'40"	G-57	1965	2,630 2,647KB	7,630	Hampshire at surface Tully 6,389 75' fault 6,970 Onondaga 7,236 Huntersville 7,268 45' fault 7,346 25' fault 7,411 Oriskany 7,485		Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
176	Texas Eastern Transmission Corp. #1 Walter H. Fratz (alternate location) Ella Collier Unit	McHenry N39°37'24" W79°19'17"	G-58	1966	2,484	7,310	Hampshire at surface Benson 3,313 Tully 6,313 Onondaga 6,997 Huntersville 7,022 Needmore 7,113 Oriskany 7,151 Helderberg 7,297	Formation density Gamma ray-neutron	Gas storage well.
177	Texas Eastern Transmission Corp. #1 Charles A. Rexrode Ford Fike Unit	McHenry N39°35'47" W79°19'35"	G-59	1966	2,623	7,650	Hampshire at surface Benson 3,532 Tully 6,674 Onondaga 7,364 Huntersville 7,390 Needmore 7,485 Oriskany 7,521 Helderberg 7,640	Formation density Gamma ray-neutron Directional Caliper Temperature	Gas storage well.
178	Texas Eastern Transmission Corp. #1 U. S. A. - Savage River State Forest Charles Bowser Unit	McHenry N39°37'17" W79°17'14"	G-60	1966	2,684	8,140	Pocono at surface Benson 3,951 Tully 7,102 Onondaga 7,830 Huntersville 7,859 Needmore 7,948 Oriskany 7,981 Helderberg 8,138	Formation density Gamma ray-neutron Gamma ray-neutron collar Temperature	Gas storage well.
179	Texas Eastern Transmission Corp. #3 Barbara Miller Ella Collier Unit	McHenry N39°36'50" W79°18'52"	G-63	1966	2,370	7,285	Hampshire at surface Benson 3,291 Tully 6,216 Onondaga 6,937 Huntersville 6,963 Needmore 7,063 Oriskany 7,106 Helderberg 7,279	Formation density Gamma ray-neutron	Gas storage well.
180	Texas Eastern Transmission Corp. #2 Helen Enlow	McHenry N39°36'14" W79°19'11"	G-65	1966	2,413	7,403	Hampshire at surface Benson 3,193 Tully 6,207 Onondaga 7,000 1st Huntersville 7,036 fault 7,055 2nd Huntersville 7,058 1st Needmore 7,153 1st Oriskany 7,196 fault 7,220 2nd Needmore 7,223 2nd Oriskany 7,264 Helderberg 7,397	Formation density Gamma ray-neutron Directional	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
181	Texas Eastern Transmission Corp. #2 Charles A. Rexrode Ford Fike Unit	McHenry N39°35'34" W79°19'47"	G-69	1966	2,521	7,619	Hampshire at surface Benson 3,371 Tully 6,602 Onondaga 7,255 1st Huntersville 7,282 40' fault 7,318 2nd Huntersville 7,323 Needmore 7,422 Oriskany 7,456 Helderberg 7,592	Formation density Gamma ray-neutron Directional Temperature	Gas storage well.
182	Texas Eastern Transmission Corp. #2 Ella B. Collier	McHenry N39°37'10" W79°18'30"	G-70	1966	2,397 2,414KB	7,288	Hampshire at surface Benson 3,129 Onondaga 6,947 1st Huntersville 6,973 40' fault 7,013 2nd Huntersville 7,015 Needmore 7,110 Oriskany 7,150 Helderberg 7,275	Formation density Gamma ray-neutron Directional Temperature	Gas storage well.
183	Texas Eastern Transmission Corp. #2 Burkhard - Knox Walter Harman Unit	McHenry N39°36'19" W79°18'33"	G-71	1966	2,582 2,597KB	7,499	Hampshire at surface Tully 6,435 Onondaga 7,178 Huntersville 7,209 Needmore 7,308 Oriskany 7,356 Helderberg 7,496	Formation density Gamma ray-neutron Directional Temperature	Gas storage well.
184	Texas Eastern Transmission Corp. #3 Charles A. Rexrode Earl Knox Unit	McHenry N39°35'30" W79°19'26"	G-72	1966	2,633 2,648KB	7,669	Hampshire at surface Benson 3,488 Tully 6,393 1st Onondaga 7,337 1st Huntersville 7,359 2nd Onondaga 7,403 2nd Huntersville 7,420 Needmore 7,513 Oriskany 7,544 Helderberg 7,666	Formation density Gamma ray-neutron Temperature Directional	Gas storage well.
185	Texas Eastern Transmission Corp. #4 Barbara Miller Barbara Miller Unit	McHenry N39°36'31" W79°19'11"	G-75	1966	2,376 2,394KB	7,415	Hampshire at surface Benson 3,188 Tully 6,296 Onondaga 7,078 Huntersville 7,104 Needmore 7,235 Oriskany 7,277 Helderberg 7,412	Formation density Temperature Gamma ray-neutron Continuous directional Seismic reference (sonic) Caliper	Gas storage well.
186	Texas Eastern Transmission Corp. #3 Helen L. Enlow Earl Knox Unit	McHenry N39°35'55" W79°18'56"	G-76	1966	2,662	7,631	Pocono at surface Benson 3,603 Tully 6,517 Onondaga 7,225 Huntersville 7,254 Needmore 7,360 Oriskany 7,408 Helderberg 7,628	Gamma ray-neutron Formation density Temperature Directional Caliper	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
187	Texas Eastern Transmission Corp. #2 J. J. Schlossnagle Ella Collier Unit	McHenry N39°37'21" W79°18'27"	G-78	1966	2,539	7,690	Hampshire at surface Benson 3,452 Tully 6,306 1st Onondaga 7,115 1st Huntersville 7,147 fault 7,194 2nd Onondaga 7,194 2nd Huntersville 7,215 1st Needmore 7,327 1st Oriskany 7,371 fault 7,381 2nd Needmore 7,381 2nd Oriskany 7,444 Helderberg 7,640	Formation density Gamma ray-neutron Temperature Directional Caliper	Gas storage well.
188	Texas Eastern Transmission Corp. #2 Mitchell J. Rush Mitchell Rush Unit	McHenry N39°37'18" W79°21'53"	G-81	1966	2,357	7,536	Pocono at surface Tully 6,417 Onondaga 7,235 Huntersville 7,260 Needmore 7,384 Oriskany 7,414 Helderberg 7,545	Gamma ray Density Temperature Gamma ray-neutron Caliper	Gas storage well.
189	Texas Eastern Transmission Corp. #1 William H. Kelso Earl Knox Unit	McHenry N39°35'16" W79°18'58"	G-88	1969	2,760	7,940	Pocono at surface Tully 6,738 Onondaga 7,572 1st Huntersville 7,606 fault 2nd Huntersville 7,652 Needmore 7,746 Oriskany 7,794 Helderberg 7,934	Formation density Gamma ray-neutron Induction Temperature Casing collar	Gas storage well.
190	Texas Eastern Transmission Corp. #3 U. S. A. - Savage River State Forest Charles Bowser Unit	McHenry N39°37'19" W79°17'46"	G-90	1969	2,838	8,070	Pocono at surface Tully 6,957 Onondaga 7,756 Huntersville 7,784 Needmore 7,881 Oriskany 7,921 Helderberg 8,068	Formation density Gamma ray-neutron Caliper Temperature Casing collar	Gas storage well.
191	Texas Eastern Transmission Corp. #3 Mitchell Rush Mitchell Rush Unit	McHenry N39°37'11" W79°21'36"	G-92	1969	2,312	7,307	Pocono at surface Tully 6,256 1st Onondaga 6,892 1st Huntersville 6,910 fault 2nd Onondaga 6,942 2nd Huntersville 6,940 Needmore 7,113 Oriskany 7,178 Helderberg 7,308	Formation density Gamma ray-neutron Induction	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
192	Oakland Oil and Gas Co. #1 Harned Heirs	Oakland N39°26'00" W79°27'30" (approx.)	-	Before 1914	2,500	3,200	Conemaugh at surface Allegheny 180 Pottsville 430 Mauch Chunk 745 Greenbrier 1,410 Pocono 1,680 Catskill and Chemung 2,100		Oil or gas test, dry hole. Amsden (1954) Hennen and Reger (1914) Tucker (1936)
193 (A)	Columbian Carbon Co. #1 Norris K. Welch, et al. GW-1502	Oakland N39°23'12" W79°23'27"	6,272	1950	2,415	2,869 deepened to 2,977	Jennings at surface Tully 2,262 Huntersville 2,834 Needmore 2,895 Oriskany 2,953		Gas producer. Deepened in 1951. Amsden (1954)
194 (A)	Snee and Eberly #1 O'Donnell	Oakland N39°23'34" W79°22'45"	6,864	1951	2,390	3,522	Jennings at surface Marcellus 3,217 1st Onondaga 3,247 Brown break (fault ?) 3,254 2nd Onondaga 3,257 Huntersville 3,280 Oriskany 3,414 Helderberg 3,500		Gas producer, plugged and abandoned 1955. Amsden (1954)
195 (A)	Nollem Oil and Gas Corp. Snee and Eberly #1 Camp Meeting Association Grounds (#1 Mountain Lake Park Camp Meeting Association)	Oakland N39°23'55" W79°22'58"	6,889	1950	2,460	3,672	Jennings at surface Tully 2,877 Brown break 3,608 Onondaga 3,611 Huntersville 3,645 Oriskany (?) 3,670		Gas producer, plugged and abandoned 1961. Amsden (1954)
196 (A)	Columbian Carbon Co. #1 Oren T. Graser, et al. GW-1503	Oakland N39°23'23" W79°23'15"	6,917	1951	2,385	3,601	Jennings at surface Huntersville 2,969 Needmore 3,055 Oriskany 3,093 Helderberg-Tonoloway 3,200		Gas producer, plugged and abandoned 1967. Amsden (1954)
197 (A)	Snee and Eberly #1 Mountain Lake Park (#1 Baker)	Oakland N39°23'34" W79°23'04"	6,951	1951	2,410	3,905	Jennings at surface Tully 2,450 Marcellus 3,019 Brown break 3,069 Onondaga 3,072 Huntersville 3,099 Needmore 3,151 Oriskany 3,222 Helderberg 3,309		Gas producer, plugged and abandoned 1956. Amsden (1954)
198 (A)	James I. Shearer (Petroleum Drilling Corp.) #1 Grimes	Oakland N39°23'50" W79°22'40"	6,972	1951	2,420	3,651	Jennings at surface Brown break 3,351 Onondaga 3,354 Huntersville 3,387 Needmore 3,486 Oriskany 3,510 Helderberg 3,641		Gas producer, plugged and abandoned 1954. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
199	Nollem Oil and Gas Corp. #1 Ralph Gilbert	Oakland N39°22'23" W79°25'25"	7,094	1951	2,470	4,854	Jennings at surface Bottomed near Marcellus		Gas test, dry hole. Amsden (1954)
200 (A)	Nollem Oil and Gas Corp. #1 A. D. Naylor	Oakland N39°23'43" W79°22'41"	7,246	1951	2,395	3,543	Jennings at surface Tully 2,696 Brown break 3,264 Onondaga 3,267 Huntersville 3,300 Needmore 3,400 Oriskany 3,423 Helderberg 3,527		Gas producer, plugged and abandoned 1954. Amsden (1954)
201 (A)	O. M. Fox Drilling (Western Maryland Gas Co.) #1 Dawson (Lelia and George Dawson)	Oakland N39°23'48" W79°22'54"	7,252	1951	2,445	3,500	Jennings at surface Tully (?) 2,910 Huntersville 3,372 Needmore 3,463 Oriskany 3,490		Gas producer. Amsden (1954)
202 (A)	Petroleum Drilling Corp. #1 Earl J. Hirshman	Oakland N39°23'54" W79°23'37"	7,273	1951	2,445	4,323	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
203 (A)	Snee and Eberly #1 Artis	Oakland N39°23'40" W79°23'06"	7,294	1951	2,415	3,861	Jennings at surface Tully 2,765 Marcellus 3,273 Brown break 3,328 Onondaga 3,331 Huntersville 3,366 Needmore 3,424 Oriskany 3,520 Helderberg 3,630		Gas producer, plugged and abandoned 1959. Amsden (1954)
204	Union Drilling, Inc., et al. #1 Ray E. Cogley	Oakland N39°23'43" W79°24'07"	7,316	1951	2,410	5,531	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
205 (A)	Eagle Gas Co. #1 Mary K. Germaine	Oakland N39°24'55" W79°23'11:	7,400	1951	2,430	4,621	Jennings at surface Tully 3,510 Marcellus 4,445 Brown break 4,511 Onondaga 4,512 Huntersville 4,556		Gas test, dry hole. Amsden (1954)
206 (A)	New York State Natural Gas Corp. #1 Orval Kitzmiller N-225	Oakland N39°23'43" W79°23'08"	7,401	1951	2,411	4,532	Jennings at surface Tully 2,853 Brown break 3,897 Onondaga 3,898 Huntersville 3,938 Needmore 4,059 Oriskany 4,104 Helderberg 4,205		Gas test, dry hole. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
207 (A)	Delaware Gas Co. #1 Elizabeth S. Holloway, et al.	Oakland N39°23'37" W79°22'53"	7,404	1951	2,400	3,268	Jennings at surface Tully 2,575 Brown break 3,165 Onondaga 3,168 Huntersville 3,198 Needmore 3,262		Gas producer, plugged and abandoned 1955. Amsden (1954)
208 (A)	Shaw and Smith #1 Harvey	Oakland N39°24'05" W79°22'19"	7,412	1951	2,490	3,896 (3,907 ?)	Jennings at surface Tully 3,199 Onondaga 3,804 Huntersville 3,838		Gas producer. Amsden (1954)
209 (A)	Snee and Eberly #3 Fee	Oakland N39°24'10" W79°22'37"	7,500	1951	2,440	3,932	Jennings at surface Tully 3,108 Marcellus 3,626 Brown break 3,665 Onondaga 3,668 Huntersville 3,689 Needmore 3,757 Oriskany 3,817 Shriver 3,910		Gas test, dry hole. Amsden (1954)
210 (A)	New York State Natural Gas Corp. #1 C. P. Martin, et al. N-230	Oakland N39°24'06" W79°22'33"	7,537	1952	2,435	4,089	Jennings at surface Brown break 3,502 Onondaga 3,503 Huntersville 3,532 Needmore 3,630 Oriskany 3,665 Helderberg 4,048		Gas test, dry hole. Amsden (1954)
211 (A)	Johnston Bros. Snee and Eberly #1 William White	Oakland N39°23'34" W79°22'35"	7,564	1951	2,410	3,866	Jennings at surface Tully 3,026 Brown break 3,587 Onondaga 3,590 Huntersville 3,627 Needmore 3,674 Oriskany 3,748 Helderberg 3,838		Gas producer, plugged and abandoned 1954. Amsden (1954)
212 (A)	Mid-Atlantic Oil and Gas Co. #1 Stewart F. Hamill	Oakland N39°24'11" W79°23'37"	7,602	1951	2,500	4,004	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
213 (A)	New York State Natural Gas Corp. #1 Jay Ward Bolyard N-229	Oakland N39°24'27" W79°22'42"	7,637	1951	2,454	5,015	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
214 (A)	Blaho Oil and Gas Co. #1 Richards (?)	Oakland N39°24'05" W79°23'02"	7,645	1951	2,490	4,552	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
215 (A)	Snee and Eberly #4 Fee	Oakland N39°23'48" W79°22'58"	7,723	1951	2,440	3,600	Jennings at surface Tully 2,668 Marcellus 3,278 Brown break 3,330 Onondaga 3,333 Huntersville 3,360 Oriskany 3,487		Gas producer, plugged and abandoned 1961. Amsden (1954)
216 (A)	Eagle Gas Co. #1 Mussard	Oakland N39°24'09" W79°23'31"	7,777	1951	2,475	118	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
217 (A)	Guesman, Mathews, and Harper #1 Calhoun	Oakland N39°23'58" W79°23'11"	7,788	1951	2,425	4,390	Jennings at surface Tully 3,540 Bottomed near Marcellus		Gas test, dry hole. Amsden (1954)
218 (A)	Nollem Oil and Gas Corp. #1 Otis W. Shahan	Oakland N39°23'52" W79°22'55"	7,802	1951	2,435	3,664	Jennings at surface Tully 2,788 Brown break 3,372 Onondaga 3,375 Huntersville 3,410 Oriskany 3,531 Helderberg 3,641		Gas producer, plugged and abandoned 1958. Amsden (1954)
219 (A)	Mid-Atlantic Oil and Gas Co. #1 Grimes (?)	Oakland N39°23'51" W79°22'45"	7,977	1952	2,435	3,602	Jennings at surface Tully 2,806 Brown break 3,352 Onondaga 3,355 Huntersville 3,386 Oriskany 3,515		Gas test, dry hole. Amsden (1954)
220 (A)	George Jackson #1 A. M. Calhoun (#78)	Oakland N39°23'34" W79°23'13"	7,997	1951	2,395	3,571	Jennings at surface Brown break 3,211 Onondaga 3,214 Huntersville 3,263 Needmore 3,388 Oriskany 3,436 Helderberg 3,568		Gas producer, plugged and abandoned 1952. Amsden (1954)
221 (A)	Blaho Oil and Gas Co. #1 Rumer	Oakland N39°24'10" W79°22'46"	8,139	1951	2,460	4,051	Jennings at surface Tully 3,202 Brown break 3,771 Onondaga 3,774 Huntersville 3,810 Oriskany 3,940 Helderberg 4,051		Gas producer, abandoned. Amsden (1954)
222 (A)	E. T. Lowstuter (Union Drilling Co.) #1 A. D. Naylor	Oakland N39°24'45" W79°22'33"	8,303	1952	2,460	4,671	Jennings at surface No data available.		Gas test, dry hole. Amsden (1954)
223 (A)	Loch Lynn Gas Corp. (Lexa Oil Corp.) #1 White	Oakland N39°23'38" W79°22'35"	8,866	1952	2,390	3,520	Jennings at surface Huntersville 3,415 Oriskany 3,430		Gas producer, plugged and abandoned 1953. No completion report. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
224 (A)	Columbian Carbon Co. #1 George A. Kight	Oakland N39°23'23" W79°22'39"	9,186	1952	2,400	3,548	Jennings at surface Brown break 3,388 Onondaga 3,391 Huntersville 3,432 Oriskany 3,542		Gas producer, plugged and abandoned 1953. Amsden (1954)
225	Cumberland and Allegheny Gas Co. #1 Jasper Riley A-474	Oakland N39°22'39" W79°23'45"	9,388	1952	2,400	3,109	Jennings at surface Brown break 2,834 Onondaga 2,837 Huntersville 2,863 Oriskany 2,990 Helderberg 3,051		Gas test, dry hole. Amsden (1954) Tested high H_2S content of gas.
226 (A)	Mid-Atlantic Oil and Gas Co. #1 Oren T. Graser	Oakland N39°23'22" W79°22'52"	9,517	1952	2,390	3,511	Jennings at surface Tully 2,668 Brown break 3,234 Onondaga 3,236 Huntersville 3,270 Oriskany 3,387		Gas test, dry hole. Amsden (1954)
227	Eagle Gas Co., Inc. #1 Arthur E. Lohr	Oakland N39°22'29" W79°24'03"	9,921	1952	2,420	3,558	Jennings at surface Huntersville 3,166 Oriskany 3,267		Gas producer, plugged and abandoned 1977. Amsden (1954)
228	Columbian Carbon Co. #2 N. K. Welch GW-1509	Oakland N39°22'48" W79°23'39"	10,102	1952	2,395	3,047	Jennings at surface Oriskany 2,879 Helderberg 3,018		Gas producer. Amsden (1954)
229 (A)	Lexa Oil Corp. (Loch Lynn Gas Corp.) #1 Nellie Lee	Oakland N39°23'51" W79°22'36"	10,296	1952	2,410	3,445?	Jennings at surface Brown break 3,382 Huntersville (?) 3,404		Gas producer, plugged and abandoned 1953. Amsden (1954)
230	Preston Lumber Co. #1 (Benjamin F. Knapp)	Table Rock N39°17'39" W79°28'17"	-	1930	2,425	1,540	Jennings at surface No data available.		Oil or gas test dry hole. Amsden (1954)
231	Fox and Trimble #1 Kite (Kight)	Table Rock N39°20'28" W79°27'00"	None	1949	2,480	5,019	Jennings at surface Huntersville 4,700 Oriskany 4,828		Oil or gas test dry hole. Amsden (1954)
232	Columbian Carbon Co. #1 W. J. Durr, et al. GW-1501	Table Rock N39°18'00" W79°28'43"	1,585	1947	2,460	5,259	Jennings at surface Corniferous lime 4,558 Huntersville 4,582 Oriskany 4,747 Helderberg 4,897		Gas test, dry hole. Amsden (1954)
233	Cumberland and Allegheny Gas Co. #1 E. N. Beachy A-424	Table Rock N39°19'57" W79°26'12"	4,128	1949	2,475	4,910	Jennings at surface Tully 3,915 Onondaga 4,367 Huntersville 4,403 Needmore 4,505 Oriskany 4,520 Helderberg 4,659		Gas producer, plugged and abandoned 1956. Amsden (1954) Discovery well, Mountain Lake Park Field.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
234	Columbian Carbon Co. #1 Joni J. Miller GW-1504	Table Rock N39°21'34" W79°24'19"	7,062	1951	2,460	4,398	Jennings at surface Tully 3,305 Marcellus 3,750 Onondaga 3,822 Huntersville 3,848 Needmore 3,908 Oriskany 3,943 Lime 4,044 Oriskany 4,054 Helderberg 4,106		Gas producer, plugged and abandoned 1967. Amsden (1954)
235	Snee and Eberly #1 Eli D. Beachey	Table Rock N39°20'43" W79°25'27"	7,638	1951	2,445	4,365	Jennings at surface Tully 3,452 Marcellus 3,951 Brown break 3,963 Onondaga 3,966 Huntersville 4,007 Needmore 4,099 Oriskany 4,121 Helderberg 4,215		Gas producer, plugged and abandoned 1958. Amsden (1954)
236	Columbian Carbon Co. #1 Artie E. Dodge GW-1508	Table Rock N39°20'02" W79°26'31"	8,218	1951	2,475	4,395	Jennings at surface Tully 3,600 Brown break 4,048 Onondaga 4,051 Huntersville 4,108 Needmore 4,207 Oriskany 4,227 Helderberg 4,388		Gas producer, plugged and abandoned 1958. Amsden (1954)
237	Columbian Carbon Co. #1 Noah Lichty GW-1507	Table Rock N39°20'16" W79°25'35"	8,219	1951	2,425	4,623	Jennings at surface Tully 4,195 Brown break 4,583 Onondaga 4,586 Huntersville 4,596		Gas test, dry hole. Amsden (1954)
238	Snee and Eberly #2 Eli D. Beachey	Table Rock N39°21'12" W79°24'54"	8,390	1951	2,460	4,395	Jennings at surface Tully 3,515 Marcellus 3,965 Brown break 4,020 Onondaga 4,023 Huntersville 4,052 Oriskany 4,174 Helderberg 4,295		Gas producer, plugged and abandoned 1958. Amsden (1954)
239	Roeder and Roeder (W. H. and J. A. Roeder) #1 Pleasant Valley Church	Table Rock N39°22'18" W79°23'25"	8,584	1951	2,460	4,020+	Jennings at surface Oriskany 4,020		Gas test, dry hole, plugged and abandoned 1953. No completion report. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
240	Snee and Eberly #3 Eli D. Beachey	Table Rock N39°20'47" W79°25'09"	8,666	1952	2,430	4,362	Jennings at surface Tully 3,495 Brown break 4,041 Onondaga 4,043 Huntersville 4,076 Oriskany 4,190 Helderberg 4,309		Gas producer, plugged and abandoned 1956. Amsden (1954)
241	Cumberland and Allegheny Gas Co. #1 Harry E. Rice A-476	Table Rock N39°22'23" W79°23'58"	9,009	1952	2,440	3,182	Jennings at surface Huntersville 2,948		Gas producer. No completion report. Amsden (1954)
242	Cumberland and Allegheny Gas Co. #2 Jasper Riley 2-475	Table Rock N39°22'26" W79°23'34"	9,999	1952	2,400	3,322	Jennings at surface Tully 2,635 Brown break 3,261 Onondaga 3,263 Huntersville 3,293		Gas producer, plugged and abandoned 1962. Amsden (1954)
243	Cumberland and Allegheny Gas Co. #1 Noah D. Shrock A-487	Table Rock N39°20'06" W79°26'01"	10,033	1952	2,500	4,714	Jennings at surface Tully 3,955 Brown break 4,405 Onondaga 4,407 Huntersville 4,437 Needmore 4,505 Oriskany 4,534 Helderberg 4,670		Gas test, dry hole. Amsden (1954)
244	Cumberland and Allegheny Gas Co. #2 Harry E. Rice A-485	Table Rock N39°22'00" W79°23'58"	10,034	1952	2,420	3,698	Jennings at surface Tully 3,062 Brown break 3,602 Onondaga 3,606 Huntersville 3,633		Gas producer, plugged and abandoned 1962. Amsden (1954)
245	Cumberland and Allegheny Gas Co. #1 Walter N. Beckman A-486	Table Rock N39°22'00" W79°24'22"	10,058	1951	2,440	3,351	Jennings at surface Tully 2,980 Brown break 3,086 Onondaga 3,090 Huntersville 3,128 Needmore 3,179 Oriskany 3,210 Helderberg 3,345		Gas producer. Amsden (1954)
246	Snee and Eberly #1 Rose Lichty	Table Rock N39°20'34" W79°25'51"	10,463	1953	2,430	4,177	Jennings at surface Tully 3,400 Brown break 3,893 Onondaga 3,895 Huntersville 3,930 Needmore 4,017 Oriskany 4,050 Helderberg 4,145		Gas test, dry hole. Amsden (1954)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
247	Columbian Carbon Co. #1 D. Milton Riley, et al. GW-1510	Table Rock N39°22'16" W79°23'40"	10,767	1952	2,410	3,924	Jennings at surface Tully 3,074 Brown break 3,600 Onondaga 3,603 Huntersville 3,620 Oriskany 3,735		Gas producer, plugged and abandoned 1963. Amsden (1954)
248	Cumberland and Allegheny Gas Co. #1 Simon D. Swartzentruber A-492	Table Rock N39°20'54" W79°25'37"	11,085	1953	2,435	4,153	Jennings at surface Tully 3,282 Onondaga 3,889 Huntersville 3,918 Needmore 3,999 Oriskany 4,037		Gas test, dry hole. Amsden (1954)
249	Orville Eberly Nollem Oil and Gas Corp. #1 H. D. Swartzentruber	Table Rock N39°21'44" W79°24'43"	12,057	1953	2,460	3,399	Jennings at surface Brown break 3,206 Onondaga 3,208 Huntersville 3,228 Needmore 3,300 Oriskany 3,330		Gas producer. Amsden (1954)
250	Orville Eberly Nollem Oil and Gas Corp. #1 Joni Miller	Table Rock N39°21'51" W79°24'03"	12,058	1953	2,440	4,021	Jennings at surface Brown break 3,700 Onondaga 3,702 Huntersville 3,733 Needmore 3,820 Oriskany 3,847 Helderberg 3,952		Gas test, dry hole. Amsden (1954)
251	Cumberland and Allegheny Gas Co. #1 James E. Knepp	Table Rock N39°18'13" W79°27'20"	15,747	1954	2,490?	5,901	Jennings at surface No data available.		Gas test, dry hole.
252	Columbian Carbon Co. #1 L. B. Shaffer, et al. GW-1512	Table Rock N39°19'01" W79°27'16"	G-4	1954	2,486	4,351	Jennings at surface Tully 3,572 Brown break 4,046 Onondaga 4,047 Huntersville 4,085 Needmore 4,160 Oriskany 4,208		Gas producer, plugged and abandoned 1958.
253	Columbian Carbon Co. #1 Ezra B. Hamstead, et al. GW-1511	Table Rock N39°17'04" W79°29'11"	G-5	1954	2,506	4,280	Jennings at surface Huntersville 4,001 Needmore 4,090 Oriskany 4,123 Helderberg 4,203		Gas producer. Now owned by Cities Service Oil Co. (1970)
254	Columbian Carbon Co. #1 Ray C. Arnold, et al. GW-1513	Table Rock N39°19'11" W79°27'30"	G-6	1954	2,465	3,805	Jennings at surface Huntersville 3,533 Needmore 3,640 Oriskany 3,664		Gas producer. Now owned by Cities Service Oil Co. (1970)

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
255	Cumberland and Allegheny Gas Co. #1 John G. Mulvey #505	Table Rock N39°19'25" W79°26'55"	G-7	1954	2,472	4,387	Jennings at surface Tully 3,666		Gas producer, plugged and abandoned 1955.
256	Columbian Carbon Co. #1 James F. Hamilton GW-1514	Table Rock N39°18'27" W79°27'49"	G-9	1955	2,480	4,191	Jennings at surface Brown break 3,848 Onondaga 3,949 Huntersville 3,998 Oriskany 4,080 Helderberg 4,167		Gas producer, plugged and abandoned 1967.
257	Columbian Carbon Co. #2 Artie E. Dodge GW-1515	Table Rock N39°19'52" W79°27'00"	G-10	1955	2,466	3,986	Jennings at surface Onondaga 3,650 Huntersville 3,698 Needmore 3,779 Oriskany 3,829 Helderberg 3,979		Gas producer, plugged and abandoned 1967 by Cities Service Oil Co.
258	Cumberland and Allegheny Gas Co. #1 James F. Hamilton #1-520	Table Rock N39°18'58" W79°27'45"	G-11	1955	2,507	3,820	Jennings at surface Tully 3,152 Brown break 3,639 Onondaga 3,641 Huntersville 3,669 Needmore 3,740 Oriskany 3,758 Helderberg 3,802		Gas producer.
259	Acme Drilling Co. #1 Lester C. Moon	Table Rock N39°19'23" W79°28'11"	G-13	1955	2,584	4,281	Jennings at surface Tully 4,146		Gas test, dry hole.
260	Columbian Carbon Co. #2 James F. Hamilton GW-1516	Table Rock N39°18'08" W79°28'08"	G-14	1955	2,436	4,587	Jennings at surface Huntersville 3,960 Needmore 4,044 Oriskany 4,077 Helderberg 4,174		Gas test, dry hole.
261	Johnston Bros. George H. Bortz #1 Elizabeth Martin	Table Rock N39°19'10" W79°28'43"	G-15	1955	2,474	6,388	Jennings at surface Brown break 6,141 Onondaga 6,142 Huntersville 6,170 Needmore 6,273 Oriskany 6,297		Gas test, dry hole.
262	Cumberland and Allegheny Gas Co. #1 E. F. Stahl #536 (#1 Keith J. Stahl)	Table Rock N39°19'23" W79°27'25"	G-17	1955	2,467	3,566	Jennings at surface Onondaga 3,465 Huntersville 3,493		Gas producer. Production reported as C&A #1 Richard F. and June Marsh.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
263	Cumberland and Allegheny Gas Co. #2 J. G. Mulvey #2-541	Table Rock N39°19'26" W79°27'08"	G-18	1955	2,480	4,220	Jennings at surface Tully 3,415 Brown break 3,933 Huntersville 3,943 Needmore 4,074 Oriskany 4,090 Helderberg 4,175		Gas test, dry hole.
264	Cumberland and Allegheny Gas Co. #1 William Lucas A-601	Table Rock N39°22'26" W79°23'55"	G-37	1962	2,450	7,197	Jennings at surface Tully 2,318 Onondaga 2,917 Huntersville 2,940 Oriskany 3,063 Helderberg 3,178 Keyser 3,459 Williamsport Sandstone 6,301		Gas test, dry hole.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)		Geophysical logs	Remarks and references
350	Texas Eastern Transmission Corp. #1 Markel Maust Walter Harman Unit	McHenry N39°35'38" W79°18'35"	G-94	1972	2,749	7,934	Tully Onondaga Huntersville Needmore Oriskany Helderberg	6,919 7,634 7,656 7,744 7,808 7,932	Formation density Gamma ray-neutron	Gas storage well.
351	Texas Eastern Transmission Corp. #4 U.S.A. - Savage River State Forest Charles Bowser Unit	Accident N39°37'41" W79°17'20"	G-95	1972	2,760	8,122	Tully Onondaga Huntersville Needmore Oriskany Helderberg	6,809 7,672 7,693 7,823 7,883 8,102	Formation density Gamma ray-neutron	Gas storage well.
352	Texas Eastern Transmission Corp. #1 Freeman Bowser Charles Bowser Unit	Accident N39°38'12" W79°17'39"	G-97	1972	2,641	7,780	Benson Tully Onondaga Huntersville Needmore Oriskany Helderberg	3,676 6,718 7,464 7,482 7,594 7,636 7,778	Formation density Gamma ray-neutron	Gas storage well.
353	Texas Eastern Transmission Corp. #1 Arthur Devine Black and Frazee Unit	Accident N39°39'30" W79°19'51"	G-98	1972	2,254	7,319	Tully Onondaga Huntersville	6,023 6,902 6,924	Formation density Gamma ray-neutron	Gas storage well.
354	Columbia Gas Transmission Corp. #L-4887 Hesse	Table Rock N39°20'38" W79°24'20"	G-96	1972	2,533 2,549DF	7,934	Tully Onondaga Huntersville Needmore Oriskany Helderberg Keyser Tonoloway Wills Creek Williamsport McKenzie Keefer Rose Hill Clinton-Thorold Tuscarora	4,900 5,340 5,360 5,456 5,481 5,650 5,870 6,190 6,415 7,050 7,070 7,360 7,370 7,690 7,808	Dual Induction Sonic neutron porosity Gamma ray Formation density Sonic-caliper	Gas test, dry hole. Anhydrite with dolomite in Wills Creek Fm., 6415-6720.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)		Geophysical logs	Remarks and references
356	Texas Eastern Transmission Corp. #2 Bowman-Seibert John Miller Unit	Accident N39°37'59" W79°21'10"	G-99	1973	2,393	11,617	Tully Onondaga Chert Needmore Oriskany Helderberg Salt Wills Creek Williamsport McKenzie Clinton Rose Hill Castanea Tuscarora Juniata	6,250 7,098 7,112 7,216 7,240 7,360 8,396 9,483 10,245 10,296 10,638 10,703 11,096 11,157 11,580	Compensated formation density Compensated neutron density Gamma ray-neutron Nuclear log Gamma ray-neutron Caliper	Gas test, dry hole below 7,454 ft. Plugged back to 7,454 ft and converted to gas storage well. Salt from 8,396 to 8,959.
357	Texas Eastern Transmission Corp. #5 U.S.A. - Savage River State Forest Charles Bowser Unit	Accident N39°37'58" W79°17'49"	G-101	1973	2,890	7,911	Tully Onondaga Huntersville Needmore Oriskany Helderberg	6,877 7,578 7,594 7,710 7,751 7,909	Formation density Gamma ray-neutron	Gas storage well.
358	Texas Eastern Transmission Corp. #4 Mitchell Rush Mitchell Rush Unit	Accident N39°37'35" W79°21'42"	G-103	1973	2,473	7,718	Tully Onondaga 1st Huntersville 2nd Huntersville Needmore Oriskany	6,440 7,144? 7,242 7,395 7,570 7,602	Formation density Gamma ray-neutron	Gas storage well. Plugged back to 7,482 ft.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)	Geophysical logs	Remarks and references
359	Texas Eastern Transmission Corp. #2 Elizabeth Everly	Accident N39°39'41" W79°19'45"	G-102	1975	2,273	7,282	Tully Limestone 6,066 Onondaga Limestone 6,931 Huntersville Chert 6,950 Needmore Shale 7,128 Oriskany Sandstone 7,178	Gamma ray-neutron Formation density	Gas storage well.
360	Texas Eastern Transmission Corp #6 U.S.A. Savage River	Accident N39°38'20" W79°17'09"	G-105	1975	2,714	7,812	Benson Sandstone 3,868 Tully Limestone 6,785 Onondaga Limestone 7,538 Huntersville Chert 7,555 Needmore Shale 7,650 Oriskany Sandstone 7,684 Helderberg Limestone 7,812	Gamma ray-neutron Formation density	Gas storage well.
361	Texas Eastern Transmission Corp. #1 Negro Mountain WN-1412	Accident N39°41'58" W79°15'16"	G-106	1975	2,908	8,956	1st Riley 3,942 2nd Riley (fault?) 4,142 Benson 4,408 Onondaga 8,736 Huntersville 8,756 Needmore 8,876 Oriskany 8,898	Gamma ray-density Caliper Temperature Induction Directional	Gas test, dry hole plugged and abandoned. Gas show while drilling in Benson.
362	Texas Eastern Transmission Corp. #4 McCullough	Accident N39°39'08" W79°20'15"	G-104	1976	2,161	7,250	Tully Limestone 6,142 Onondaga Limestone 6,947 Huntersville Chert 6,962 Needmore Shale 7,085 Oriskany Sandstone 7,122 Helderberg Limestone 7,242	Compensated formation density Temperature Gamma ray-caliper Directional	Gas storage well.

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)		Geophysical logs	Remarks and references
363	Texas Eastern Transmission Corp. #2 Whiteface-Kelso	Accident N39°34'50" W79°19'15"	G-107	1976-7	2,759	7,814	Benson	3,815	Formation density	Gas storage well.
							Tully Lime	6,799	Directional	
							Huntersville Chert	7,576	Temperature	
							Needmore Shale	7,677	Gamma ray	
							Oriskany Sand	7,714	Cement Bond	
							Helderberg Lime	7,814	Caliper	
364	Texas Eastern Transmission Corp. #3 Vernon Georg	Accident N39°36'48" W79°17'42"	G-108	1976	2,763	7,988	Benson Sand	3,965	Formation density	Gas storage well.
							Tully Limestone	6,977	Gamma ray-neutron	
							Onondaga Limestone	7,697	Caliper	
							Huntersville Chert	7,721	Casing collar	
							Needmore Shale	7,822	Temperature	
							Oriskany Sandstone	7,862	Directional	
							Helderberg Limestone	7,988		
365	Texas Eastern Transmission Corp. #7 U.S.A. - Savage River State Forest	Accident N39°38'08" W79°17'00"	G-109	1976	2,823	8,125	Benson Sandstone	4,019	Formation density	Gas storage well.
							Tully Lime	6,979	Gamma ray-neutron	
							Onondaga Lime	7,811	Caliper	
							Huntersville Chert	7,829	Casing collar	
							Needmore Shale	7,920	Temperature	
							Oriskany Sandstone	7,956	Directional	
							Helderberg Lime	8,125		
366	Texas Eastern Transmission Corp. #3 E. Everly	Accident N39°40'00" W79°19'28"	G-110	1977	2,287	7,228	Tully Lime	6,312	Formation density	Gas storage well.
							Onondaga Lime	6,978	Caliper	
							Chert	6,993	Directional	
							Needmore Shale	7,098	Temperature	
							Oriskany Sand	7,122	Gamma ray-neutron	
							Helderberg Lime	7,209	Casing collar	
367	Texas Eastern Transmission Corp. #5 M. Rush	Accident N39°37'28" W79°22'05"	G-111	1977	2,449	7,788	Tully Lime	6,758	GR Directional	Gas storage well.
							Onondaga Lime	7,511	Formation density	
							Huntersville Chert	7,534	Temperature	
							Needmore Shale	7,649	Caliper	
							Oriskany Sand	7,680		
							Helderberg Lime	7,770		

Table 7.—Garrett County gas-well records (continued).

Well No.	Well name	Quadrangle Latitude Longitude	Permit No.	Date drilled	Altitude of land surface (ft)	Total depth (ft)	Formations penetrated (depth to top, in ft)		Geophysical logs	Remarks and references
368	Texas Eastern Transmission Corp. #1 Sam Friend	Accident N39°39'50" W79°20'31"	G-112							Proposed gas storage well.
369	Texas Eastern Transmission Corp. #6 M. Rush	Accident N39°36'58" W79°21'45"	G-113	1978	2,265	7,460	Chert Needmore Shale Oriskany Sand Helderberg Lime	7,141 7,276 7,322 7,455	Gamma ray-caliper Directional Compensated formation density Temperature Induction	Gas storage well.
370	Texas Eastern Transmission Corp. #1 G. H. Glotfelty	Accident N39°34'38" W79°19'35"	G-114	1978	2,714	7,828	Benson Sand Huntersville Chert Oriskany Sand Helderberg Lime	3,720 7,512 7,684 7,803	Gamma ray-caliper Directional Compensated formation density Temperature Induction Cement bond	Gas storage well.
371	Texas Eastern Transmission Corp. #1 Henry Miller	Accident N39°38'34" W79°17'20"	G-115	1979	2,333	7,576	Tully Limestone Onondaga Limestone Chert Needmore Shale Oriskany Sand Helderberg Lime	6,570 7,296 7,312 7,413 7,441 7,570	Gamma ray-caliper Directional Compensated formation density Temperature Induction	Gas storage well.
372	Texas Eastern Transmission Corp. #1 Roy C. Bender	Accident N39°40'22" W79°19'05"	G-116	1978	2,330	7,555	Tully Limestone Onondaga Limestone Chert Needmore Shale Oriskany Sandstone	6,532 7,305 7,320 7,436 7,466	Compensated formation density Gamma ray Continuous directional Induction Temperature Cement bond	Gas storage well.

Table 8.—Garrett County coal test-hole records.

Map No.	Depth (feet)	Diameter (inches)	Altitude (feet)	Depth to top of Upper Freeport (feet)	Remarks
			Georges Creek Basin		
GC 1	677	2 1/8	1,458	379	U.S. Bur. Mines core hole
GC 3	643	2 1/8	1,668	324	Do. (GA-CF 5; flowed 150 gal/min at 505 ft.)
GC 4	626	2 1/8	2,030	313	Do.
GC 5	1,127	2 1/8	2,000	586	Do. (GA-BG 2; incorrectly assigned AL-BB 2 in Slaughter, 1952. Flowed 25 gal/min at 220 ft and 150 gal/min at 305 ft.)
GC 9	957	2 1/8	2,090	652	Do.
GC 12	574	2 1/8	1,685	254	Do.
			Upper Potomac Basin		
GC 13	747	2 1/8	1,750	449	U.S. Bur. Mines core hole
GC 17	676	2 1/8	2,120	362	Do.
GC 18	848	2 1/8	2,450	582	Do.
GC 22	900	2 1/8	2,450	280	Do.
GC 23	750	2 1/8	2,550	470	Do.
GC 24	601	2 1/8	2,670	223	Do. (hole was not plugged)
W Va 38A	-	6	2,580	522	W. Va. Geol. Survey test hole
W Va 57	704	6	2,685	693	Do.
W Va 58	392	6	2,490	381	Do.
W Va 63	497	6	2,632	486	Do.
W Va 65	464	6	2,580	454	Do.
W Va 68	593	6	2,717	580	Do.

Table 8.—Garrett County coal test-hole records (continued).

Map No.	Depth (feet)	Diameter (inches)	Altitude (feet)	Depth to top of Upper Freeport (feet)	Remarks
			Upper Potomac Basin--Continued		
W Va 69	442	6	2,637	432	W. Va. Geol. Survey test hole
W Va 70	312	6	2,656	290	Do.
W Va 71	343	6	2,730	325	Do.
W Va 72	608	6	2,947	592	Do.
W Va 73	451	6	2,644	461	Do.
W Va 90	518	6	2,710	482	Do.
W Va 94	416	6	2,712	400	Do.
W Va 95	325	6	2,727	302	Do.
GA-EC 22	525	-	2,830	-	Mineral Engr. Co.
GA-EC 23	278	-	2,770	-	Do.
GA-FC 1	285	-	2,840	-	Do.
			Castleman Basin		
CB 1	869	2 1/8	2,607	-	U.S. Bur. Mines core hole
CB 2	1,045	2 1/8	2,474	568	Do. (base of Pottsville at 997 ft)
CB 3	812	2 1/8	2,579	-	U.S. Bur. Mines core hole
CB 4	927	2 1/8	2,669	676	Do.
CB 5	920	2 1/8	2,522	427	Do. (base of Pottsville at 907 ft)
CB 6	682	2 1/8	2,677	391	Do.
CB 7	510	2 1/8	2,501	-	Do. (artesian water flow at 415 ft)
CB 8	864	2 1/8	2,454	571	Do.
CB 9	595	2 1/8	2,556	423	Do.
CB 10	734	2 1/8	2,572	550	Do.
CB 11	630	2 1/8	2,488	-	Do. (artesian water flow at 438 ft)

Table 8.—Garrett County coal test-hole records (continued).

Map No.	Depth (feet)	Diameter (inches)	Altitude (feet)	Depth to top of Upper Freeport (feet)	Remarks
			Castleman Basin--Continued		
CB 12	634	2 1/8	2,565	419	U.S. Bur. Mines core hole
CB 13	527	2 1/8	2,185	180	Do.
CB 14	621	2 1/8	2,227	330	Do.
CB 15	355	2 1/8	2,199	327	Do.
CB 16	807	2 1/8	2,566	484	Do.
CB 17	894	2 1/8	2,345	628	Do.
CB 18	554	2 1/8	2,621	433	Do.
CB 19	785	2 1/8	2,528	703	Do.
CB 20	437	2 1/8	2,502	-	Do. (artesian water flow at 209 ft)
CB 21	799	2 1/8	2,627	540	Do.
CB 22	662	2 1/8	2,408	591	Do.
CB 23	384	2 1/8	2,543	-	Do.
CB 24	424	2 1/8	2,153	370	Do.
CB 25	631	2 1/8	2,260	300	U.S. Bur. Mines core hole
CB 26	445	2 1/8	2,278	367	Do.
CB 27	560	2 1/8	2,350	494	Do.
CB 28	641	2 1/8	2,682	-	Do.
CB 29	737	2 1/8	2,568	659	Do.
CB 30	407	2 1/8	2,642	125	Do.
CB 31	651	2 1/8	2,471	569	Do.
CB 32	684	2 1/8	2,593	349	Do.
CB 33	237	2 1/8	2,168	161	Do.
CB 34	473	2 1/8	2,158	400	Do. (Artesian water flow at 340 ft)
CB 35	434	2 1/8	2,311	323	Do.
CB 36	586	2 1/8	2,434	502	Do.

Table 8.—Garrett County coal test-hole records (continued).

Map No.	Depth (feet)	Diameter (inches)	Altitude (feet)	Depth to top of Upper Freeport (feet)	Remarks
			Castleman Basin--Continued		
CB 37	416	2 1/8	2,147	333	U.S. Bur. Mines core hole (artesian water flow at 395 ft)
CB 38	633	2 1/8	2,595	424	Do.
CB 39	735	2 1/8	2,426	654	Do.
CB 40	463	2 1/8	2,135	286	Do. (artesian water flow at 363 ft)
			Upper Youghiogheny Basin		
MD 1	326	6	2,440	-	Amsden, (1954), p. 104
MD 3	253	6	2,450	167	Do. p. 105

Table 9.—Flow characteristics of Garrett County streams.

NORTH ATLANTIC SLOPE BASIN

POTOMAC RIVER BASIN

01595000 NORTH BRANCH POTOMAC RIVER AT STEYER, MD

LOCATION.--Lat 39°18'07", long 79°18'26", Garrett County, Hydrologic Unit 02070002, on left bank 0.3 mi (0.5 km) southeast of Steyer, 0.4 mi (0.6 km) downstream from Steyer Run, 2.0 mi (3.2 km) northeast of Gorman, and at mile 81.8 (131.6 km).

DRAINAGE AREA.--73.0 mi^2 (189.1 km^2).

PERIOD OF RECORD.--July 1956 to September 1978.

GAGE.--Water-stage recorder. Datum of gage is 2,276.01 ft (693.728 m) National Geodetic Vertical Datum of 1929.

AVERAGE DISCHARGE.--22 years, 172 ft^3/s (4.871 m^3/s), 32.00 in/yr (813 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,900 ft^3/s (195 m^3/s) July 3, 1978, gage height, 10.30 ft (3.139 m), from rating curve extended above 3,000 ft^3/s (85.0 m^3/s) on basis of slope-area measurement of peak flow; minimum, 2.9 ft^3/s (0.082 m^3/s) Sept. 10,1965, gage height, 2.03 ft (0.619 m).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct. 15, 1954, reached a stage of 13.0 ft (3.96 m), from floodmarks.

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1956 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	3,430	4,450	5,140	6,060	6,760	7,480
Daily flow	2,190	2,970	3,460	4,050	4,470	4,880
3-day flow	1,470	1,910	2,180	2,500	2,720	2,940
7-day flow	997	1,250	1,410	1,600	1,740	1,870

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1957 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	10	6.5	4.8	3.7
14-day	12	7.6	5.6	4.2
30-day	16	9.6	7.0	5.4
60-day	23	13	9.7	7.3
90-day	31	18	13	10
120-day	40	23	16	12

Duration of Daily Flow

(Based on period October 1, 1956 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
410	200	94	45	37	17	11

Table 9.—Flow characteristics of Garrett County streams (continued).

POTOMAC RIVER BASIN

01595500 NORTH BRANCH POTOMAC RIVER AT KITZMILLER, MD

LOCATION.--Lat 39°23'38", long 79°10'55", Garrett County, Hydrologic Unit 02070002, on left bank 0.6 mi (1.0 km) downstream from bridge on State Highway 38 in Kitzmiller, 1.5 mi (2.4 km) downstream from Wolfden Run, and at mile 68.9 (110.9 km).

DRAINAGE AREA.--225 mi^2 (583 km^2).

PERIOD OF RECORD.--October 1949 to September 1978.

GAGE.--Water-stage recorder. Datum of gage is 1,572.26 ft (479.225 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 15, 1954, at site 0.3 mi (0.5 km) upstream at datum 7.58 ft (2.310 m) higher. Oct. 15, 1954, to Nov. 20, 1955, nonrecording gage at bridge 0.5 mi (0.8 km) upstream at datum 21.51 ft (6.556 m) higher.

REMARKS.--Regulation at low flow by Stony River Reservoir, 30 mi (48 km) above station. Gage-height telemeter at station.

AVERAGE DISCHARGE.--29 years, 446 ft^3/s (12.63 m^3/s), 26.92 in/yr (684 mm/yr), adjusted for storage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 33,400 ft^3/s (946 m^3/s) Oct. 15, 1954, gage height, 13.73 ft (4.185 m), from floodmarks, present site and datum; minimum, 4.6 ft^3/s (0.13 m^3/s) Oct. 3-7, 1953, gage height, 1.45 ft (0.442 m), site and datum then in use.

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1949 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	7,310	10,800	13,400	17,200	20,300	23,700
Daily flow	4,680	6,370	7,700	9,640	11,300	13,100
3-day flow	3,460	4,450	5,040	5,750	6,240	6,710
7-day flow	2,470	3,050	3,370	3,740	3,990	4,220

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1950 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	29	17	12	9.0
14-day	34	19	14	10
30-day	46	27	20	15
60-day	60	36	28	22
90-day	75	44	33	26
120-day	95	55	41	32

Duration of Daily Flow

(Based on period October 1, 1949 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
1,100	550	240	110	87	42	31

Table 9.—Flow characteristics of Garrett County streams (continued).

POTOMAC RIVER BASIN

01596500 SAVAGE RIVER NEAR BARTON, MD

LOCATION.--Lat 39°34'05", long 79°06'10", Garrett County, Hydrologic Unit 02070002, on right bank 0.9 mi (1.4 km) upstream from Bear Pen Run, 1.5 mi (2.4 km) downstream from Popular Lick Run, 5.4 mi (8.7 km) northwest of Barton, and 10 mi (16 km) upstream from mouth.

DRAINAGE AREA.--49.1 mi^2 (127.2 km^2).

PERIOD OF RECORD.--September 1948 to September 1978.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 1603.88 ft (488.863 m) National Geodetic Vertical Datum of 1929.

AVERAGE DISCHARGE.--30 years, 74.1 ft^3/s (2.099 m^3/s), 20.49 in/yr (520 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,510 ft^3/s (213 m^3/s) Oct. 15, 1954, gage height, 8.45 ft (2.576 m), from rating curve extended above 1,600 ft^3/s (45.3 m^3/s) on basis of slope-area measurement of peak flow; minimum, 0.40 ft^3/s (0.011 m^3/s) Sept. 3, 4, 1966, gage height, 0.96 ft (0.293 m).

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1948 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	1,530	2,410	3,100	4,120	4,980	5,940
Daily flow	1,050	1,370	1,540	1,710	1,830	1,920
3-day flow	720	920	1,030	1,150	1,230	1,300
7-day flow	480	610	690	790	860	920

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1949 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	2.1	1.2	0.9	0.7
14-day	2.5	1.4	1.0	0.8
30-day	3.5	2.1	1.6	1.4
60-day	5.0	2.8	2.1	1.7
90-day	6.4	3.7	2.8	2.2
120-day	8.6	4.8	3.6	2.8

Duration of Daily Flow

(Based on period October 1, 1948 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
190	85	31	12	9.1	3.7	2.5

Table 9.—Flow characteristics of Garrett County streams (continued).

POTOMAC RIVER BASIN

01597000 CRABTREE CREEK NEAR SWANTON, MD

LOCATION.--Lat 39°30'00", long 79°09'35", Garrett County, Hydrologic Unit 02070002, on left bank 0.5 mi (0.8 km) upstream from mouth, 1.0 mi (1.6 km) downstream from Springlick Run, and 5.0 mi (8.0 km) northeast of Swanton.

DRAINAGE AREA.--16.7 mi^2 (43.3 km^2).

PERIOD OF RECORD.--September 1948 to September 1978.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 1,529.06 ft (466.058 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Small diversion above station by Baltimore and Ohio Railroad.

AVERAGE DISCHARGE.--30 years, 28.6 ft^3/s (0.810 m^3/s), 23.56 in/yr (591 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,260 ft^3/s (92.3 m^3/s) July 12, 1949, gage height, 5.01 ft (1.527 m), from rating curve extended above 210 ft^3/s (5.95 m^3/s) on basis of slope-area and contracted-opening measurements of peak flow; minimum, 0.1 ft^3/s (0.003 m^3/s) Dec. 3, 1953, gage height, 0.56 ft (0.171 m); minimum daily, 0.8 ft^3/s (0.023 m^3/s) Nov. 6, 1953.

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1948 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	485	858	1,180	1,700	2,160	2,710
Daily flow	337	465	544	636	701	762
3-day flow	250	332	380	432	467	499
7-day flow	176	224	252	286	310	333

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1949 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	1.6	1.2	1.0	0.9
14-day	1.7	1.3	1.1	1.0
30-day	1.9	1.4	1.2	1.1
60-day	2.4	1.7	1.4	1.2
90-day	3.0	2.0	1.7	1.5
120-day	3.7	2.4	1.9	1.7

Duration of Daily Flow

(Based on period October 1, 1949 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
72	34	13	5.1	4.0	2.1	1.6

Table 9.—Flow characteristics of Garrett County streams (continued).

OHIO RIVER BASIN

MONONGAHELA RIVER BASIN

03075500 YOUGHIOGHENY RIVER NEAR OAKLAND, MD

LOCATION.--Lat 39°25'19", long 79°25'32", Garrett County, Hydrologic Unit 05020006, on left bank 200 ft (61 m) downstream from Baltimore and Ohio Railroad bridge, 250 ft (76 m) downstream from Little Youghiogheny River, 1.2 mi (1.9 km) northwest of Oakland, and 1.5 mi (2.4 km) upstream from Dunkard Lick Run.

DRAINAGE AREA.--134 mi^2 (347 km^2).

PERIOD OF RECORD.--August 1941 to September 1978.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 2,353.61 ft (717.380 m) National Geodetic Vertical Datum of 1929. Prior to Aug. 1, 1946, nonrecording gage at bridge 200 ft (61 m) upstream at same datum.

AVERAGE DISCHARGE.--37 years, 293 ft^3/s (8.298 m^3/s), 29.69 in/yr (754 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,800 ft^3/s (334 m^3/s) Oct. 16, 1954, gage height, 12.16 ft (3.706 m); minimum daily, 2.5 ft^3/s (0.071 m^3/s) Oct. 4, 1953.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1936 reached a stage of 15.3 ft (4.66 m), from floodmarks.

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1941 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	4,120	6,210	7,790	10,000	11,800	13,800
Daily flow	3,360	4,910	5,990	7,420	8,520	9,650
3-day flow	2,420	3,280	3,820	4,470	4,920	5,360
7-day flow	1,600	2,070	2,350	2,680	2,910	3,120

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1942 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	15	7.7	5.4	3.9
14-day	17	8.7	6.1	4.5
30-day	23	12	8.5	6.2
60-day	36	18	12	8.7
90-day	50	24	16	11
120-day	66	33	22	15

Duration of Daily Flow

(Based on period October 1, 1941 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
700	360	160	73	58	23	14

Table 9.—Flow characteristics of Garrett County streams (continued).

MONONGAHELA RIVER BASIN

03076500 YOUGHIOGHENY RIVER AT FRIENDSVILLE, MD

LOCATION.--Lat 39°39'13", long 79°24'31", Garrett County Hydrologic Unit 05020006, on left bank 0.7 mi (1.1 km) upstream from bridge on State Highway 42 at Friendsville, and 1.5 mi (2.4 km) upstream from Bear Creek.

DRAINAGE AREA.--295 mi^2 (764 km^2).

PERIOD OF RECORD.--August 1898 to December 1904 and October 1940 to September 1978. October, November 1940 monthly discharge only, published in WSP 1305. September 1922 to September 1926 (gage heights only) in reports of Pennsylvania Department of Forests and Waters.

GAGE.--Water-stage recorder. Datum of gage is 1,487.33 ft (453.338 m) National Geodetic Vertical Datum of 1929. Aug. 17, 1898, to Dec. 31, 1904, and Sept. 1, 1922, to Sept. 30, 1926, nonrecording gages at bridge 0.7 mi (1.1 km) downstream at datum 16.24 ft (4.950 m) and 16.29 ft (4.965 m) lower, respectively.

REMARKS.--Low and medium flow regulated since July 1925 by Deep Creek Reservoir.

AVERAGE DISCHARGE.--44 years (water years 1899-1904, 1941-78), 639 ft^3/s (18.10 m^3/s), 29.42 in/yr (747 mm/yr), adjusted for storage since October 1940.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,000 ft^3/s (368 m^3/s) Oct. 16, 1954, gage height, 8.99 ft (2.740 m), from rating curve extended above 5,800 ft^3/s (164 m^3/s) on basis of slope-area measurement of peak flow; minimum daily, 8.2 ft^3/s (0.23 m^3/s) Sept. 11, 1966.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1898, 14.2 ft (4.33 m) Mar. 29, 1924, from floodmarks, site and datum then in use or 10.2 ft (3.11 m), present site and datum; discharge, about 15,600 ft^3/s (440 m^3/s), from rating curve extended as explained above.

Magnitude and Frequency of Annual High Flow.

(Based on periods October 1, 1899 to September 30, 1904 and October 1, 1941 to September 30, 1976)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	6,560	8,990	10,600	12,800	14,400	16,100
Daily flow	5,510	7,400	8,510	9,780	10,600	11,500
3-day flow	4,200	5,410	6,040	6,700	7,100	7,450
7-day flow	2,960	3,690	4,060	4,440	4,660	4,850

Magnitude and Frequency of Annual Low Flow

(Based on periods April 1, 1899 to March 31, 1904 and April 1, 1942 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	77	53	44	37
14-day	88	61	50	43
30-day	112	79	66	57
60-day	147	103	85	72
90-day	177	123	101	85
120-day	201	138	113	96

Duration of Daily Flow

(Based on periods October 1, 1899 to September 30, 1904 and October 1, 1941 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
1,400	780	400	230	200	110	76

Table 9.—Flow characteristics of Garrett County streams (continued).

MONONGAHELA RIVER BASIN

03076600 BEAR CREEK AT FRIENDSVILLE, MD

LOCATION.--Lat 39°39'22", long 79°23'41", Garrett County, Hydrologic Unit 05020006, on right bank 0.2 mi (0.3 km) downstream from bridge on Accident-Friendsville Road, 0.6 mi (1.0 km) downstream from South Branch Bear Creek, 0.8 mi (1.3 km) southeast of Friendsville, and 1.2 mi (1.9 km) upstream from mouth.

DRAINAGE AREA.--48.9 mi^2 (126.7 km^2).

PERIOD OF RECORD.--October 1964 to September 1978.

GAGE.--Water-stage recorder. Datum of gage is 1,551.34 ft (472.848 m) National Geodetic Vertical Datum of 1929.

AVERAGE DISCHARGE.--14 years, 85.4 ft^3/s (2.419 m^3/s), 23.72 in/yr (602 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,650 ft^3/s (132 m^3/s) Sept. 14, 1971, gage height, 9.6 ft (2.93 m), from floodmarks, from rating curve extended above 2,000 ft^3/s (56.6 m^3/s) on basis of slope-area measurement of peak flow; minimum, 1.5 ft^3/s (0.042 m^3/s) Sept. 12, 1966, gage height, 0.42 ft (0.128 m).

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1964 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	1,570	2,290	2,820	3,550	4,150	4,790
Daily flow	1,020	1,590	2,000	2,550	2,970	3,410
3-day flow	685	967	1,140	1,350	1,500	1,650
7-day flow	465	601	684	784	855	924

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1965 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	6.5	3.8	2.8	2.1
14-day	7.3	4.3	3.2	2.5
30-day	8.9	5.3	4.1	3.3
60-day	12	6.7	4.9	3.7
90-day	16	8.9	6.5	5.0
120-day	18	10	7.6	5.9

Duration of Daily Flow

(Based on period October 1, 1964 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
200	110	47	23	19	8.3	5.6

Table 9.—Flow characteristics of Garrett County streams (continued).

MONONGAHELA RIVER BASIN

03078000 CASSELMAN RIVER AT GRANTSVILLE, MD

LOCATION.--Lat 39°42'08", long 79°08'12", Garrett County, Hydrologic Unit 05020006, on left bank at downstream side of highway bridge, 0.3 mi (0.5 km) upstream from Slaubaugh Run, 0.7 mi (1.1 km) downstream from U.S. Highway 40, and 1.0 mi (1.6 km) northeast of Grantsville.

DRAINAGE AREA.--62.5 mi^2 (161.9 km^2).

PERIOD OF RECORD.--July 1947 to September 1978.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 2,088.97 ft (636.718 m) National Geodetic Vertical Datum of 1929.

AVERAGE DISCHARGE.--31 years, 118 ft^3/s (3.342 m^3/s), 25.64 in/yr (651 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,400 ft^3/s (238 m^3/s) Oct. 15, 1954, gage height, 10.70 ft (3.261 m), from rating curve extended above 1,600 ft^3/s (73.6 m^3/s) on basis of contracted-opening measurement at gage height 8.13 ft (2.478 m); no flow Aug. 31, 1962, result of regulation from unknown source.

Magnitude and Frequency of Annual High Flow.

(Based on period October 1, 1947 to September 30, 1977)

Annual maximum	Discharge, in cubic feet per second, for indicated recurrence interval, in years					
	2-year	5-year	10-year	25-year	50-year	100-year
Peak flow	2,180	3,170	3,910	4,960	5,820	6,740
Daily flow	1,450	1,940	2,230	2,560	2,790	2,990
3-day flow	976	1,290	1,470	1,700	1,860	2,010
7-day flow	687	883	1,000	1,140	1,230	1,320

Magnitude and Frequency of Annual Low Flow

(Based on period April 1, 1948 to March 31, 1978)

Annual minimum	Discharge, in cubic feet per second, for indicated recurrence interval, in years			
	2-year	5-year	10-year	20-year
7-day	4.2	2.0	1.3	0.9
14-day	5.1	2.4	1.6	1.1
30-day	7.3	3.5	2.3	1.6
60-day	11	5.5	3.6	2.5
90-day	16	7.7	5.1	3.5
120-day	20	10	6.8	4.8

Duration of Daily Flow

(Based on period October 1, 1947 to September 30, 1978)

Discharge, in cubic feet per second, which was exceeded for indicated percent of time						
10 percent	25 percent	50 percent	70 percent	75 percent	90 percent	95 percent
290	140	62	27	21	7.3	4.1

Table 10.—Discharge at low-flow sites.

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Measurements: Date	Measurements: Discharge (ft^3/s)
		Potomac River basin				
01594975	Glade Run at Steyer, Md.	Lat 39°18'08", long 79°19'33", Garrett County, on Steyer Gorman Road, 0.1 mi upstream from mouth, and 0.7 mi west of Steyer.	8.86	1977-78	6- 1-77	2.6
					6- 9-77	4.0
					9-13-77	.54
					9-19-78	2.3
01596600	Big Run near Swanton, Md.	Lat 39°32'45", long 79°08'31", Garrett County, on Big Run Road, 0.3 mi downstream from Monroe Run, and 7.5 mi northeast of Swanton.	13.4	1977-78	6- 1-77	2.8
					8- 9-77	1.0
					9-13-77	.42
					9-12-78	1.3
01597100	Middle Fork near Swanton, Md.	Lat 39°30'46", long 79°09'17", Garrett County, on Savage River Road, 1.0 mi downstream from Toms Spring Run, and 5.5 mi northeast of Swanton.	10.8	1977-78	6- 1-77	2.3
					8- 9-77	.64
					9-13-77	.07
					9-12-78	.72
		Monongahela River basin				
03075350	Cherry Creek near Crellin, Md.	Lat 39°22'06", long 79°27'16", Garrett County, at bridge on Underwood Road, 0.4 mi upstream from mouth, and 1.5 mi south of Crellin.	16.7	1977-78	6- 1-77	4.5
					8- 9-77	a24
					9-13-77	1.5
					9-19-78	7.4
03075400	Laurel Run at Crellin, Md.	Lat 39°23'04", long 79°28'25", Garrett County, 800 ft above mouth, 0.5 mile southwest of Crellin.	10.9	1964-74	6- 9-64	4.74
					7-20-64	1.59
					6-28-65	1.48
					7-29-65	.48
					5-11-66	17.5
					7-14-66	1.53
					11-18-66	11.0
					6- 9-67	11.0
					9-13-67	1.65
					4-19-68	14.3
					7-29-68	2.52
					6-27-69	2.28
					9-30-69	4.28
					9-17-70	2.90
					10-14-70	4.69
					7- 8-71	3.22
					9-13-72	3.24
					8-30-73	1.87
					9-13-73	1.21
					8-16-74	1.90
					9-30-74	2.95
03075475	Little Youghiogheny River at Loch Lynn Heights, Md.	Lat 39°23'54", long 79°22'11", Garrett County, at bridge on State Highway 41, 0.4 mi northeast of Loch Lynn Heights, and 3.2 mi downstream from Block Run.	13.2	1975-78	5-29-75	16.0
					6-23-75	6.52
					11- 5-75	7.5
					3- 8-76	9.8
					4-21-76	7.4
					7- 7-76	5.7
					8-23-76	1.5
					4-18-77	12
					8- 9-77	4.3
					9-13-77	1.0
					9-19-78	4.8
03075900	Cherry Creek near McHenry, Md.	Lat 39°32'20", long 79°18'55", Garrett County, 200 ft east of Rock Lodge Road, 200 ft upstream from mouth, and 2.4 mi southeast of McHenry.	12.3	1973, 1975-78	6-12-73	5.73
					7-10-73	1.97
					8-30-73	3.16
					5-29-75	24.6
					6-23-75	4.97
					11- 5-75	9.8
					3- 8-76	12
					4-21-76	7.8
					7- 7-76	3.7
					8-23-76	.86
					4-18-77	13
					8- 9-77	2.7
					9-13-77	.87
					9-19-78	7.7

a/ Not base flow.

Table 10.—Discharge at low-flow sites (continued).

Station No.	Station name	Location	Drainage area (mi^2)	Period of record	Measurements Date	Measurements Discharge (ft^3/s)
		Monongahela River basin--Continued				
03076580	South Branch Bear Creek near Accident Md.	Lat 39°36'39", long 79°20'02", Garrett County, at culvert on U.S. Highway 219, 1.5 miles southwest of Accident.	6.01	1964-74	9-10-64	.404
					9-11-64	.19
					6-28-65	.48
					9-10-65	.16
					7-11-66	.27
					9-12-66	.18
					6- 9-67	1.71
					9-13-67	.40
					4-19-68	2.18
					7-29-68	.47
					6-27-69	.44
					9-30-69	.31
					9-17-70	.79
					10-14-70	.59
					7- 8-71	.85
					9-13-72	.66
					7-10-73	.85
					9-13-73	.63
					8-16-74	.62
					9-30-74	.44
03076590	South Branch Bear Creek near Friendsville, Md.	Lat 39°39'11", long 79°23'06", Garrett County, at bridge on light-duty road, 100 ft upstream from mouth, and 1.2 mi southeast of Friendsville.	16.8	1975-78	5-29-75	20.3
					6-23-75	6.83
					11- 5-75	5.9
					3- 8-76	12
					4-21-76	9.3
					7- 7-76	3.6
					8-23-76	2.2
					4-18-77	14
					8- 9-77	3.3
					9-13-77	1.8
					9-19-78	7.7
03077925	North Branch Casselman River near Grantsville, Md.	Lat 39°40'08", long 79°10'43", Garrett County, at bridge on State Highway 495, 250 ft upstream from confluence with South Branch Casselman River, and 2.3 mi southwest of Grantsville.	24.4	1975-78	5-29-75	42.2
					6-23-75	27.4
					11- 5-75	18
					3- 8-76	24
					4-21-76	18
					7- 7-76	7.0
					8-23-76	3.8
					4-18-77	28
					8- 9-77	5.6
					9-13-77	3.6
					9-12-78	8.8
03077950	South Branch Casselman River near Grantsville, Md.	Lat 39°40'05", long 79°10'42", Garrett County, 250 ft upstream from confluence with North Branch Casselman River, 2.2 mi southwest of Grantsville.	20.8	1975-78	5-29-75	18.7
					6-23-75	6.94
					11- 5-75	13
					3- 8-76	18
					4-21-76	14
					7- 7-76	3.2
					8-23-76	1.6
					4-18-77	21
					8- 9-77	2.5
					9-13-77	1.6
					9-12-78	6.3

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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, 3 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. $3.25
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

* Available on microfiche only.

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