

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Carmel Twp
Township Southeast

157
106 7.35
6.8 E

Brewster	Quad
7 1/2	Series
see pws III	
14.5 S	
0.6 E	
see pws III	

P106

RECORD OF WELL

1. Location: State NY County Potnam
 Nearest P. O. Brewster Direction from P. O. in town
 Distance from P. O. 250 feet miles; 1/4 sec. 1, T. 1, R. 1
 If in city, give street and number Town of Southeast

Locate well on plat of section.

WSP 102
(1905)
BJ Fuller

2. Owner: Avery Public Water Supply Address Brewster Twp.
 Driller: P.F. Beal & Son Address Brewster, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? hillside ✓

4. Elevation of top of well: 400 ft. above the level of sea
 (Above or below) (Sea, depot, lake, or stream)

5. Type of well: DRILLED; kind of drilling rig used _____
 (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 238 ft.; year in which well was finished 1901
 Does well enter rock? yes; if so, at what depth? 20 1/2 ft.; kind of rock Reforted granite

7. Diameter: At top 4 inches; at bottom 4 inches.

8. Principal water bed: Rock 4 Pre-Cambrian granite
 (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 151 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each (see over)

9. Casings: Kind steel; size 4"; length 20-40 ft.; between depths of 0 and 20-40 ft.

red well
near

Kind steel; size 4"; length 7 ft.; between depths of 0 and 7 ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____;
 length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____;

if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
 original pressure or head _____; if not flowing, give water level in well 17.5 (wellhead) → 18 ft. below surface (1901)

11. Pump: Is the well pumped? yes; kind of pump D. W. Plunger Type 180 rods
 size or capacity of pump _____; kind of power electric formerly windmill

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at _____ gallons per minute continuously for _____ hours;

quantity of water ordinarily obtained from well 34 - Mr. Percival 1500 - 2500 gallons per day. est.

13. Use: For what purpose is the water used? Village (auxiliary) 42 people

14. Quality of the water: hard soft; is there an analysis? yes (over)

15. Cost of well, not including pump: 2-14-50 Temperature of water 44 ° F.

Name of person filling blank U. H. P. from data by Public Health
 Date 2/11/48 Address Dept. Poughkeepsis N.Y.

+ info from
wells near
2/24/53

2-76-5/4 222 from contribution to the hydrology of the East. U.S. WSP 102

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Clay	0	20		0 12 12
Granite rock	20	238	218	12 239 227
		FAVUST DICKINSON PES 10-23-47		Comps - 6 samples from 8-12-42 to 4-8-48
4-8-48 NO ₂	0	0.0		
NO ₃	2	4	2.0	see pws schedule for other analyses
Cl	12		14.0	
Hardness	112		116	112
alk	70		72	70
PH	7.1		7.1	7.1
Fe	0	0.016	0.15	0.016
Mn				
Color	0			0
Turbidity	7			tr
After several hours pumping the water level in well drops below level of rods - see owner report.				
			Fluorides	0.06
			Ox. cement	2.2
			Free NH ₃	0.002
Water-bearing beds at 46 ft., 86 ft., 104 ft., and 151 ft. (Possibly another at 230 by dynamite charge.				
info from old record in Pat. Co. file by F.B. Weeks. copied by J.E.H.				

NYSDH
 analyses

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