

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

207
well in Brewster

6.5
5.8 E
Brewster
P207
7 1/2' Series
see PWS XVIII
Carmel 15' quad
15Y-3.35-9.5E

1. Location: State N. J. County Patterson
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; _____ 1/4 sec. _____, T. _____, R. _____
If in city, give street and number Town of Patterson

2. Owner: Lake Charles Manor Mrs. Rose Englander Address Tel. Brewster 9-3642 Valley Road
Driller: P. F. Beal & Sons. Address Brewster, N. J.

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

4. Elevation of top of well: 610 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 211 ft.; year in which well was finished March, 1946
Does well enter rock? yes; if so, at what depth? 22 ft. kind of rock gneiss (prob.)

7. Diameter: At top 8 inches; at bottom 6 inches.

8. Principal water bed: _____ (Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed _____ ft.; thickness of bed _____ ft.
If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size 8; length 28 ft.; between depths of 0 and 28 ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ 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 38 ft. above surface;
original pressure or head _____; if not flowing, give water level in well 10 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump deep well pump;
size or capacity of pump _____; kind of power electric

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 25 gallons per minute continuously for 5 hours;
quantity of water ordinarily obtained from well 3000-5000 gallons per day. dot. 130/ft

13. Use: For what purpose is the water used? domestic 50 people, 16 cottages

14. Quality of the water: no rdn, taste, or corrosion; is there an analysis? yes (low)
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.
Name of person filling blank J. Page Ann DPH

Date 2-16-50 Address + Beal's records

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL <small>(Give color and tell whether hard or soft)</small>	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS <small>(Especially information as to water found)</small>
	From—	To—		
NY DP#				
				drilled well
Top; pressure tank ↓	8-19-46	8-27-47		
Fe	0.30	0.3		
Fl	0.05			
NO ₂	0.001	0.001		
NO ₃ ^{with N}	0.12	0.10		
Cl ^{with N}	2.2	3.2		
Hardness	76.0	76.0		
alk	86.0	78.0		
pH	7.3	7.1		
O.C.	0.5	0.5		
Earth, sandy loam	0	22	22	
Rock, gneiss	22	211	189	
<u>Pumping test</u>				
Static water level	10	in ft. below grade.		
Pumping rate in g.p.m.	25			
Pumping level	140	in ft. below grade		
Duration of test in hrs.	8			