

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

note: This well  
& P164 are  
diff (no sketch)

Lake Carmel 7 1/2' Quad

#104  
P272


13.7  
11.9  
E  
Carmel 15' quad  
15y - 6.95, 6.0E

RECORD OF WELL

1. Location: State N.Y. County Putnam  
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 Southcoast

2. Owner: formally Mrs. Elizabeth Eastwood Address Brewster, N.Y.  
Driller: P.F. Beal Address Brewster, N.Y.  
Now H. Beal on rig

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

4. Elevation of top of well: 410 ft. Above the level of sea  
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 206 ft. year in which well was finished 1936  
Does well enter rock? yes; if so, at what depth? 145 ft.; kind of rock Beal

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

8. Principal water bed: rock  
Depth to principal water bed 200 ft.; thickness of bed \_\_\_\_\_ ft.  
(Gravel, sand, clay, or rock. If rock, state kind)

9. Casings: Kind steel; size 6"; length 165 ft.; between depths of 30 and 165 ft.  
Kind steel; size 5"; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind double casing; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Packers (if any): Depth at which packers were used no; kind \_\_\_\_\_

Screen or Strainer: Was well finished with screen? no; kind of screen \_\_\_\_\_  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;  
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 40± ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump deep well pump DW  
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 no flow recorded gallons per minute continuously for \_\_\_\_\_ hours;  
quantity of water ordinarily obtained from well 15 GPM - H. Beal gallons per day. 30 people est (weekend summer)

13. Use: For what purpose is the water used? 50 cabins

14. Quality of the water: See Salvo's; is there an analysis? yes  
(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 from owner  
Date 2-9-50 Address NYSDPH at Poughkeepsie

#164 (cont)

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—		
Topsoil	0	1	1	
Clay	1	2 1/2	1 1/2	
Hardpan	2 1/2	6 1/2	4	
Sand and gravel	4	145?	141?	(Casings to 165 ft.)
Rock	165?	207	42?	<del>check this</del>
Rotten rock -	141	157	16	fragments (5 ft.?)
Rock	157	206	149	slimy-cracks

Water pumped through pipes to cabins from 1000 gal. pressure tank

Partial Analysis

7-14-48 Tap at kitchen sink. Chl. mtr. 1.0 0.04 ppm.

c-cabins

← To Carmel Route #6 Brewster 1/2 mile →

