

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Croton Falls
Lake Carmel

7 1/2' quad

RECORD OF WELL

see Bed!

P515

Carmel 15' quad
15y-10.15-1.0E

Locate well on plat of section.

1. Location: State N.Y. County Putnam
Nearest P. O. Mahopac Direction from P. O. S
Distance from P. O. 1 miles; 1/4 sec. T. , R.

If in city, give street and number Town of Carmel
well owned by Mrs. Walton

2. Owner: Louis Borisja Address Mahopac, N.Y.
Driller: ? Address

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

4. Elevation of top of well: 644 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 135 ft.; year in which well was finished 1928-1930
Does well enter rock? yes; if so, at what depth? 35 ft.; kind of rock

7. Diameter: At top 6 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 6; length 50? ft.; between depths of 0 and 50? 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 none; 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 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Myers-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 7? 5-15 gallons per minute continuously for 1 hours;
quantity of water ordinarily obtained from well 1,000 ± gallons per day April 15 - Nov. 1

3. Use: For what purpose is the water used? 4 bungalows + 1 boarding house. 25-30 people
Quality of the water: very hard; is there an analysis? yes (over)
(Hard or soft, fresh or salty, etc.)

Cost of well, not including pump: Temperature of water ° F.

Name of person filling blank J. Grossman from Mrs. Borisja + Mrs. Borisja
Address U.S.S. at Albany

7-12-50

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—		
Old dug well (later drilled)	0	30-40	30-40	
Bedrock	30-40	135-	100±	
<p>Well never runs dry. Dug well ^{was} insufficient for all the bungalows.</p> <p>Analysis 6-16-39 - Kitchen tap, well</p>				
Total hardness	129	✓		
alk A	138	✓		
CO ₂	10			
Cl	18	13 ✓		
SO ₃	13	15 ✓		
Fe	0.2	✓		
Turbidity	3	✓		
Color	5	✓		
PH	7.4	✓		
Total Comp. hardness	8			