

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P382

Lake Carmel
7 1/2' quod

RECORD OF WELL

1. Location: State N.Y. County Putnam
 Nearest P. O. Carmel Direction from P. O. NW
 Distance from P. O. 3 1/2 miles; 1/4 sec. _____, T. _____, R. _____
 If in city, give street and number Town of Kent

Carmel 15' quod
15Y-3.7S-0.1E

Locate well on plat of section.

2. Owner: William Less Address Carmel Country Club, Kent, N.Y.
 Driller: Sloat & Rutledge Address Patterson, N.Y.
George Baker on req.

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

4. Elevation of top of well: 940 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: 125+ ft.; year in which well was finished 1936
 Does well enter rock? yes; if so, at what depth? 2 ft.; kind of rock basalt granite
later deepened to 170 ft. went dry when aqueduct was there

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

8. Principal water bed: near bottom (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 120 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size 6"; length 10 ft.; between depths of 0 and 10 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 20 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Cook DW
 size or capacity of pump 3 GPM; 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 2-3 gallons per minute continuously for 8 hours;
 quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? Dom - 1 house

14. Quality of the water: hard; is there an analysis? no
 (Hard or soft, fresh or salty, etc.)

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

Name of person filling blank J. Grossman from Walter Rutledge 3-23-50

Date 7-18-50 Address U.S.G.S. at Albany & Mrs. Less & George Baker

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	2	2	
Bastard granite	2	125±	123±	
after deepening	125	170	45	
<p>About 100 ft. of drawdown in 20 minutes & 1/2 hr Pumped for 8 hrs. & held pump level. Pump level 100 ft. Static level 20 ft.</p>				
<p>George Baker says well went dry after aqueduct went through & was therefore deepened to from 125± to 170±.</p>				