

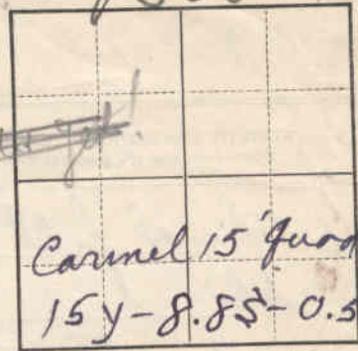
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

location OK!
verified in field
~~from not verified~~

P566

rotation Falls
7 1/2' quad

RECORD OF WELL



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

2. Owner: Robert Yuddell Address Lake Mahopac, N.Y.
Driller: William Johnson Address Lake Carmel, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? island in lake (in valley)

4. Elevation of top of well: 650 ft. above the level of sea (Sea, depot, lake, or stream)

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

6. Depth of well: 57 ft.; year in which well was finished July 1950
Does well enter rock? yes; if so, at what depth? 3 ft.; kind of rock gray granite

7. Diameter: At top 8 1/2 inches; at bottom 6 inches.

8. Principal water bed: rock (Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 54 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each a little water at 32 ft.
9. Casings: Kind steel; size 8"; length 18 ft.; between depths of 0 and 18 ft.
Kind "; size 6"; length 25 ft.; between depths of 0 and 25 ft.
Kind (double cased); 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 2 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Gould
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 50 gallons per minute continuously for 4 hours;
quantity of water ordinarily obtained from well _____ gallons per day.

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

14. Quality of the water: see analysis; 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. Grossman from driller

Date 7-22-50 Address _____

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

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)
	From—	To—		
Artificial fill	0	3	3	
Bedrock	3	57	54	
Pumped 50 GPM for 4 hrs, with only one ft. of drawdown. One sample for water analysis taken				
Analysis: NYSDH - collected 7-22-50				
Dissolved solids	255			
Fe	0.08			
Mn	0.50			
HCO ₃	124			
SO ₄	25.8			
Cl	14.0			
Hardness	Total		128	
	CO ₃		102	
	Non CO ₃		26	
Alka	102			
pH	7.3			
Color	10			
Turbidity	5			