

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P 321



Carmel Pond
well #3

Check in field

RECORD OF WELL

1. Location: State N.Y. State County Cattaraugus
Nearest P. O. Mahopac Direction from P. O. North
Distance from P. O. 2 1/2 miles; 1/4 sec. T. R.

Locate well on plat of section.

If in city, give street and number Town of Carmel, Long Pond Road

2. Owner: Mrs. Matilda S. Eisner, Sect. Treas. Address Wilson Pond Road, Mahopac, N.Y.
Driller: ? Address

3. Situation: Is well on upland, in valley, or on hillside? hillside - on a small ridge

4. Elevation of top of well: 655 ft. (Above or below) the level of (Sea, depot, lake, or stream)

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

6. Depth of well: 179 ft.; year in which well was finished
Does well enter rock? ; if so, at what depth? ft.; kind of rock

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

8. Principal water bed: Rock (Rock near surface) (Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed ft.; thickness of bed ft. Pa-Cambrian green (Geol. map)

If other water supplies were found, give depth to each

9. Casings: Kind steel; size 6"; length ft.; between depths of and 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 ft. above surface;
original pressure or head ; if not flowing, give water level in well ft. below surface.

11. Pump: Is the well pumped? ; kind of pump Should deep well pump - 3HP 17.50
size or capacity of pump ; kind of power electric pump r.p.m. Century motor.

12. Yield: Natural flow at present (if any) gallons per minute; original flow gallons per minute;
well has been pumped at gallons per minute continuously for hours;
quantity of water ordinarily obtained from well gallons per day.

13. Use: For what purpose is the water used? 160

14. Quality of the water: hard, taste, a corrosion; is there an analysis? (Hard or soft, fresh or salty, etc.)

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

Name of person filling blank Del by NYSDP at Poughkeepsie
USG J. Alby

Date 2-15-50

Address

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—		
<p style="font-size: 1.2em; margin-top: 20px;">See sketch and P 322</p> <p style="font-size: 1.2em; margin-top: 10px;">Well pump to second 3000 gal. pressure tank</p> <p style="font-size: 1.2em; margin-top: 10px;">8-21-47 Analysis faucet on main near well #3</p> <p style="margin-top: 10px;">Fe 0.25</p> <p style="margin-top: 5px;">Cl_r 17.0</p> <p style="margin-top: 5px;">Nitrates 0.04</p> <p style="margin-top: 5px;">Chlorides 0.4</p> <p style="margin-top: 5px;">Hardness total 60.0</p> <p style="margin-top: 5px;">Alk 51.0</p> <p style="margin-top: 5px;">pH 6.7</p>				