

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P 320

RECORD OF WELL

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

2. Owner: Mrs. Matilda S. Eisner, bet. Treas. Address Wilson Pond Road, Mahopac, N.Y.
 Driller: Walt Ashby? Address _____

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

4. Elevation of top of well: 680± ft. _____ the level of _____
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 100 ft.; year in which well was finished _____
 Does well enter rock? yes; if so, at what depth? 8 ft.; kind of rock _____

7. Diameter: At top 8" inches; at bottom _____ inches.

8. Principal water bed: limestone prob. wrong Pre-Cambrian quartz
(Gravel, sand, clay, or rock. If rock, state kind) (get prop)
 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 8"; 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? yes; kind of pump Cook deep well pump; size or capacity of pump 20 gpm; kind of power 5HP 1750 rpm Century motor

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at .0045 well got dry gallons per minute continuously for _____ hours;
 quantity of water ordinarily obtained from well .003 MG Day gallons per day. all 3

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

14. Quality of the water: no other water; 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 J.D. for NYSDPW at Pough
 Date 2-15-50 Address Walt Ashby

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—																															
<p style="text-align: center; font-size: 1.2em;">see sketch well P322</p> <p>Average center daily pumping = 3500 gpd. <u>Weekend</u> " " = 4500 gpd.</p> <p>Operates from May 1st to Oct. 15 each season</p> <p>Water pumped into 3000 gal. steel pressure tank.</p> <p style="text-align: right;">9-4-42 <u>Analyses</u> - Top in Towbin res. NYSD Health</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Fe</td> <td style="width: 15%;">0.6</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>Nitrates</td> <td>0.3</td> <td></td> <td></td> <td style="text-align: right; color: red;">4.43</td> </tr> <tr> <td>Chloride</td> <td>2.2</td> <td></td> <td></td> <td style="text-align: right; color: red;">.3</td> </tr> <tr> <td>Hardness total</td> <td>28.0</td> <td></td> <td></td> <td style="text-align: right; color: red;">13.29</td> </tr> <tr> <td>Calc</td> <td>15.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>pH</td> <td>5.8</td> <td></td> <td></td> <td></td> </tr> </table>	Fe	0.6				Nitrates	0.3			4.43	Chloride	2.2			.3	Hardness total	28.0			13.29	Calc	15.0				pH	5.8						
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