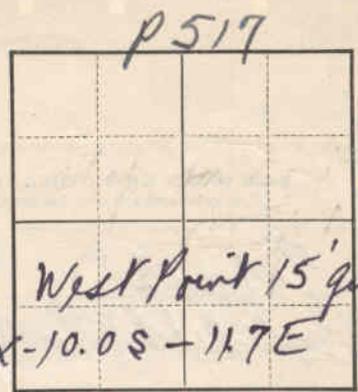


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH



RECORD OF WELL

1. Location: State N.Y.S. County Putnam
Nearest P. O. Mahopac Direction from P. O. SW.
Distance from P. O. 3 miles; 1/4 sec. _____, T. _____, R. 15X-10.0S-11.7E
If in city, give street and number Town of Carmel Locate well on plat of section.

2. Owner: Wayde R. Foote Address Mahopac Falls, N.Y.
Driller: Harbour? Address _____

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

4. Elevation of top of well: 608 ft. above the level of sea (Sea, depot, lake, or stream)

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

6. Depth of well: 23' 6" - meas. ft.; year in which well was finished more than 10 yrs. ago. 1790⁺
Does well enter rock? no; if so, at what depth? _____ ft.; kind of rock _____

7. Diameter: At top 5 fr. inches; at bottom 5 fr. inches.

8. Principal water bed: unconsolidated. ~~clay~~ till (boulders rpt.) (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 fieldstone lining; size 5 1/2"; length 23 ft.; between depths of 0 and 23 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 12.1" measured. 7-12-50 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump hand pump on well. elec. pump in house.
size or capacity of pump _____; kind of power human & elec.

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 200 gallons per day.

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

14. Quality of the water: very hard; is there an analysis? yes (own) (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 Mildred Foote
Date 7-12-50 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—		
<i>Topsoil</i>	<i>0</i>	<i>1</i>	<i>1</i>	
<i>Glacial till (boulders, etc.)</i>	<i>1</i>	<i>23</i>	<i>22</i>	
<p><i>Permutit Analysis (bed) 5-7-47 - kitchen tap from open, shallow well.</i></p>				
<i>Total hardness</i>	<i>269</i>	<i>✓</i>		
<i>Alk A</i>	<i>143</i>	<i>✓</i>		
<i>CO₂</i>	<i>18</i>			
<i>Cl</i>	<i>79</i>	<i>55</i>	<i>✓</i>	
<i>Na</i>	<i>14</i>	<i>6.4</i>	<i>✓</i>	
<i>Fe Fe</i>	<i>0.1</i>	<i>✓</i>		
<i>Turbidity</i>	<i>3</i>	<i>✓</i>		
<i>Color</i>	<i>3</i>	<i>✓</i>		
<i>PH</i>	<i>7.2</i>	<i>✓</i>		
<i>Total comp. hardness</i>	<i>17</i>			