P609

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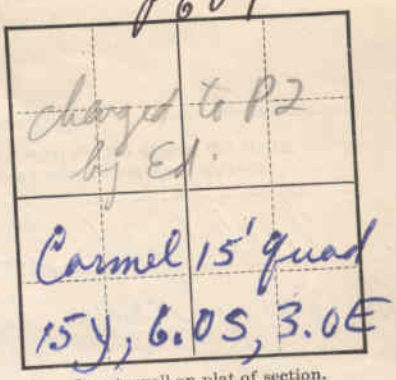
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Ed Simmen's well no. 7?
8

RECORD OF WELL



Locate well on plat of section.

1. **Location:** State _____ County _____
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. ____ miles; ____ ¼ sec. ____, T. ____, R. ____
If in city, give street and number Town of Kent Beldon Road

2. **Owner:** New York City (West Branch Reservoir) Address Carmel, N.Y.
Driller: _____ Address _____

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

4. **Elevation of top of well:** 542 ft. above (Above or below) the level of sea (Sea, depot, lake, or stream)

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

6. **Depth of well:** ~~17.0~~ 16.6 (est) ft.; year in which well was finished measured 3-26-51
Does well enter rock? _____; if so, at what depth? _____ ft.; kind of rock _____

7. **Diameter:** At top 36 inches; at bottom _____ inches.

8. **Principal water bed:** Pleistocene till (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; size 36"; length 17 ft.; between depths of 0 and 17 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 4 see table ft. below surface.

11. **Pump:** Is the well pumped? _____; kind of pump _____;
size or capacity of pump _____; kind of power _____

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? _____; is there an analysis? 4/30/52 by Ed Simmen

14. **Quality of the water:** _____ (Hard or soft, fresh or salty, etc.) Temperature of water 45 ° F.

15. **Cost of well,** not including pump: _____

Name of person filling blank DGG from Ed Simmen's data obtained from
Date 12-18-50 (DGG) Address NYC DWSG & Elec.

6—0642

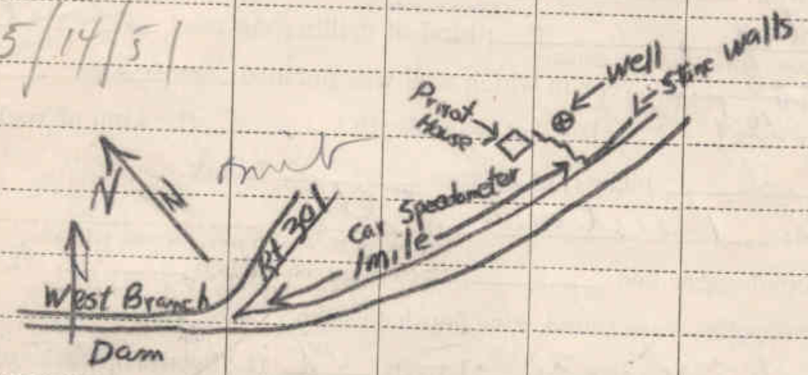
On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET From—	DEPTH, IN FEET To—	THICKNESS, IN FEET	REMARKS (Especially information as to water found)
Till (Ed Seminay)	0	17	17	
yes: Pleistocene till J.G.F.				

Large Concrete ~~c~~ cover with 3" steel hole.

Temp: 55 1/2 5/14/51



All sketches from Ed Simmons