

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

note. This well replaces P6. as observation well.
Ed's well no. P4

P653

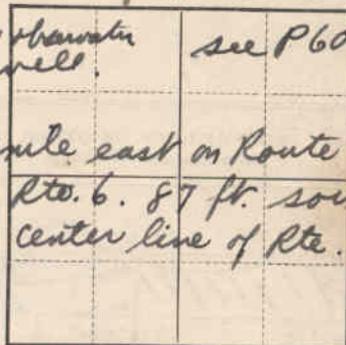
see P607

Carmel 15' grad
15y, 7.25, 8.2E
6.95, 8.7E

RECORD OF WELL

1.0 mile east on Route 22 from Rte. 6. 87 ft. south of center line of Rte. 22

1. Location: State *New York* County *Putnam*
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; _____ 1/4 sec. _____ T. _____ R. _____
If in city, give street and number *Town of Southeast*



Locate well on plat of section.

2. Owner: *New York City (Sadem Reservoir)* Address *Rte. 22, Brewster, N.Y.*
Driller: _____ Address _____

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

4. Elevation of top of well: *460* ft. *above* the level of *sea*
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: *8.0* ft. year in which well was finished *measured 3-26-51*
(soft bottom)
Does well enter rock? _____ ; if so, at what depth? _____ ft.; kind of rock _____

7. Diameter: At top *8.4* inches; at bottom *(approx)* inches.

8. Principal water bed: *Pluvial deposit*
(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 *Red brick*; size *36"*; length *2.4* ft.; between depths of *0* and *2.4* 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 *3.4'* ft. below surface.

11. Pump: Is the well pumped? *no*; 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.

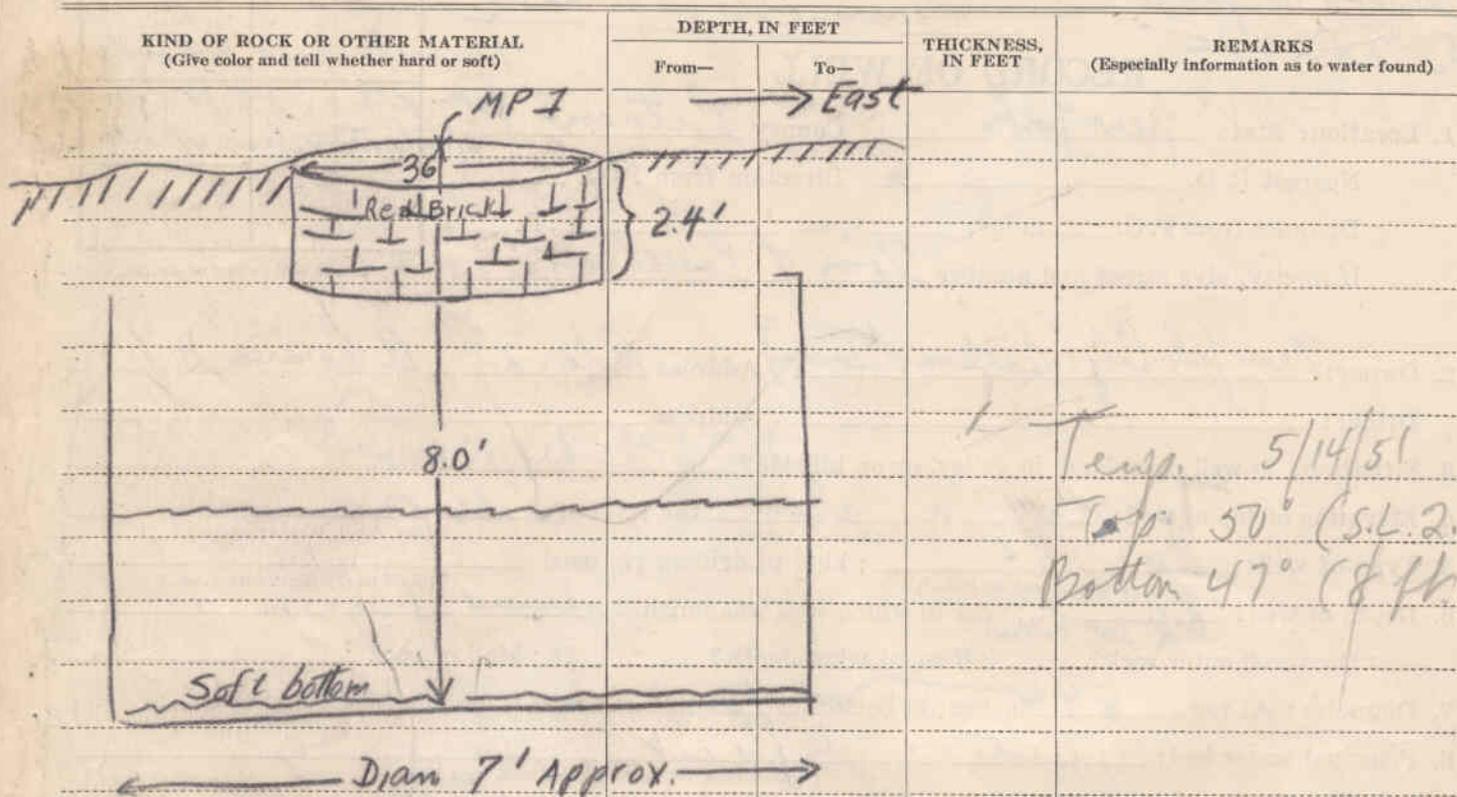
13. Use: For what purpose is the water used? *Observation well.*

14. Quality of the water: _____; is there an analysis? *4/15/51*
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water *46* ° F.

Name of person filling blank *E.T. Simmons* Transcribed by *I.G. Grossman*
Date *March 26, 1951* Address *U.S.G.S. at Albany.*

LOG OF WELL



Both sketches traced from Ed Simmons' sketches.

Water Level Readings
by Ed Simmons

Date	Hour	Depth to water
3-26-51	01:52	3.15
4-9-51	03:29	3.06
4-16-51	04:47	3.08

