9—255
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P710 P632

RECORD OF WELL

West Point 15' quad
15X, 11.1 S, 5.3 E
Locate well on plat of section.

1. **Location:** State N.Y. County Putnam
   Nearest P. O. _____ Direction from P. O. _____
   Distance from P. O. _____ miles; _____ ¼ sec. _____, T. _____, R. _____
   If in city, give street and number _____
2. **Owner:** Catskill Aqueduct, New York City Address Board of Water Supply, 120 Wall St., N.Y.C.
   Driller: Healey Address _____
3. **Situation:** Is well on upland, in valley, or on hillside? hillside
4. **Elevation of top of well:** 236.6 ft. above (Above or below) the level of sea (Sea, depot, lake, or stream)
5. **Type of well:** drilled (Dug, driven, bored, or drilled); kind of drilling rig used diamond drill (Solid tool, jetting, rotary, etc.)
6. **Depth of well:** 101.4 ft.; year in which well was finished 11-16-06
   Does well enter rock? yes; if so, at what depth? 19 ft.; kind of rock _____
7. **Diameter:** At top 2½" inches; at bottom 1½" inches. (15/16" core)
8. **Principal water bed:** Fordham gneiss (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 _____; size 2½"; length ~~3~~ 19 ft.; between depths of 0 and 19 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? 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 _____ 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 none gallons per day.
13. **Use:** For what purpose ~~is~~ was the ~~water~~ well used? test hole for Catskill Aqueduct.
14. **Quality of the water:** _____ (Hard or soft, fresh or salty, etc.); is there an analysis? _____
15. **Cost of well,** not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank J. Grossman for N.Y.C. Board of Ws Q & Elec.
Date 10-28-50 Address U.S.G.S. at Albany.

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

6—9642

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)
Dikes (underlined) Hole no. 19 ~~Hole No. 19~~ Checked	Dec. 26, 1906			Sta. 436 + 51.5 28' E.C.L. File no. D 40 -D 777 p 716 Working time 21 days. Depth to rock 19 ft.
0	17	17		Sand — Rock = Fordham gneiss
17	19	2		Coarse sand — Total depth 101.4
19	35	16		Pink gneiss — Percent core recovery 49.5
35	101.4	66.4		Gray gneiss — Completed Nov. 16, 1906
				Rock very hard & crystalline
2½" casing to bedrock				
1½" hole in rock with 15/16" core. Drawing dull				
Driller = Healey				elevation 236.6 ft.

Transcr. = 700 ft. more of p 711