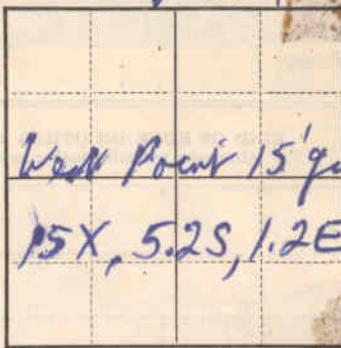


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

at Little Stony Point  
in Hudson

#700 P621

RECORD OF WELL



Locate well on plat of section.

1. Location: State N.Y. County Putnam  
Nearest P. O. Cold Spring Direction from P. O. NW  
Distance from P. O. 1 miles; 1 1/4 sec. T. R.

If in city, give street and number Town of Philipstown

2. Owner: Manhattan City Catchment Aqueduct Address Board of Water Supply 120 Wall St. N.Y.C.  
Driller: American Diamond Rock Drilling Co. Address

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

4. Elevation of top of well: 2.0 ft. above the level of sea  
(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: 322.2 ft.; year in which well was finished Jan. 9, 1907  
Does well enter rock? no; if so, at what depth? ft.; kind of rock

7. Diameter: At top 8" inches; at bottom 2 1/2" inches.

8. Principal water bed: Quaternary alluvium  
(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 ; 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? 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 gallons per day.

13. Use: For what purpose is the water used? was test hole for Catchment Aqueduct

14. Quality of the 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. J. Grossman from N.Y.C. Board of Water Supply

Date 10-26-50 Address 1185 - 1st AVE - at Albany

NYC BWS

Core Borings  
Little Stony Point

Contract No. 1

File No. N14

American Diamond

Rock Drill Co.

Amer. D. R. D. Co.

Depth at top 8"  
at bottom 2 1/2'

Hole No. 7/C1  
P700 P621

Jan. 9, 1907

Elevation 2.0 ft.

Working time 115 days

From Depth	To	THICKNESS IN FEET	KIND & Rock & remarks
0	50	50	water (Hudson river)
50	130	80	Silt
130	146	16	Sand and silt
146	165	19	Sand and clay
165	172	7	Fine sand and clay
172	178	6	Pieces of wood, twigs, etc.
<del>178</del> 178	198	23	Fine sand & clay.
188	203	15	Coarse gravel
203	<del>242.6</del> 242.6	39.6	Fine black sand
242.6	<del>244.1</del> 244.1	1.5	Hardpan
244.1	247.6	3.5	Boulders and Black Sand
247.6	259.3	11.7	Black Sand, no clay
259.3	283.5	24.2	Black Sand and Boulders
283.5	292.25	8.75	Black Sand and gravel
292.25	292.8	0.55	Boulder
292.8	307	14.2	Fine sand
307	322.2	15.2	Boulders

292.8  
14.2  
307.0

1157322.276  
230.276

307.0  
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