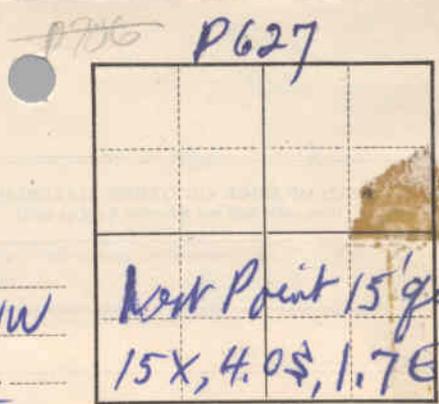


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH



RECORD OF WELL

1. Location: State New York County Pulham
 Nearest P. O. Cold Spring Direction from P. O. NNW
 Distance from P. O. 1 3/4 miles; 1/4 sec. _____, T. _____, R. _____
 If in city, give street and number Town of Phillipstown
2. Owner: Catchell Aqueduct Address 130 Wall St. New York City
 Driller: Board of Water Supply Drill Address Board of W.S. Dr.
3. Situation: Is well on upland, in valley, or on hillside? ravine
4. Elevation of top of well: 380 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: 80.9 ft.; year in which well was finished May 16, 1908
 Does well enter rock? yes; if so, at what depth? 55 ft.; kind of rock _____
7. Diameter: At top 4 inches; at bottom 2 1/2 inches.
8. Principal water bed: Storm King granite
(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 steel; size 4"; length 22.5 ft.; between depths of 0 and 22.5 ft.
 Kind "; size 2 1/2; length 55 ft.; between depths of 0 and 55 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 _____ 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? test hole
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 W. H. Rossmey from NYC Board of Water Supply
Date 10-26-50 Address U.S.G. at Albany.

PC 19

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL
(Give color and tell whether hard or soft)

DEPTH, IN FEET

From—

To—

THICKNESS,
IN FEET

REMARKS
(Especially information as to water found)

Butt
4

Test Corings - Breakneck Valley, Board of Water
Supply Drill. Hole No. $\frac{2}{B.W.S.}$; For location, see NH 339
Depth to rock 55 ft.; T.D. of hole 80.9 ft. June 4, 1908
Per cent core recovery 90%.

P 706 P 627
lc. only approx.

| From | To | Thickness | Rock & Remarks |
|------|------|-----------|-------------------------------|
| 0 | 3 | 3 | Loam Loam |
| 3 | 14 | 11 | Gravel and Clay |
| 14 | 19 | 5 | Gravel and boulders |
| 19 | 22.5 | 3.5 | Gravel |
| 22.5 | 24.8 | 2.3 | Sandstone boulders |
| 24.8 | 52.0 | 27.2 | Blue clay and gravel |
| 52 | 55 | 3 | clay, gravel & boulders. |
| 55 | 80.9 | 26 | Gneiss completed May 16, 1908 |

4" casing 22.5 ft.
 2 1/2" casing to 55 ft.

end test