

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

15X 10.1 S
3.9 E

978

#78 West Point
15' quad

RECORD OF WELL



Locate well on plat of section.

1. Location: State New York County Rutgers
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 Phillipstown

2. Owner: F. Osborne Address Garrison, N.Y.
Driller: P. F. Beal & Sons Address Brewster, N.Y.
Man on rig: Mr. Percival

3. Situation: Is well on upland, in valley, or on hillside? valley
4. Elevation of top of well: 415 ft. above the level of sea level
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: filled; kind of drilling rig used core drill
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 130 ft.; year in which well was finished 1913 or 1914 1921

Does well enter rock? yes; if so, at what depth? 18+ ft.; kind of rock _____
7. Diameter: At top 6 inches; at bottom 6 inches.

8. Principal water bed: rock Canada Hill granite
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 130 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each don't remember any
9. Casings: Kind steel; size 6; length 20+ ft.; between depths of 0 and 20 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 none; kind _____
Screen or Strainer: Was well finished with screen? no; 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 flowing ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Triple Deepwell Pump
size or capacity of pump 50; kind of power electric
(see back of sheet)

12. Yield: Natural flow at present (if any) 10.2 gallons per minute; original flow _____ gallons per minute;
well has been pumped at 50 gallons per minute continuously for 14 hours;
quantity of water ordinarily obtained from well 5-6-1000 gallons per day. (see)

13. Use: For what purpose is the water used? Domestic & families

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 49 ° F.

Name of person filling blank J. M. Page
Date May 1949 Address 998 from Beal's records over 6-14-50

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

9 Mr. Percival 8-6-50

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
				<p>well pumped 14 hours with present pump to fill storage tank 25' deep by 16' diameter (about 40,000 gals) = about 50 gpm</p>
				<p>well pumps to reservoir on hill about 4 hours a week, and to another reservoir near RT 9, about 4 hours a week & total pumpage 8 hours a week avg.</p>
				<p>S.W.L. flowing at all times pumping W.L. about 3' from surface</p>
				<p>Dry well 150' away ^{approx} same elev.</p>
				<p>3' diameter, 6 1/2 feet deep, S.W.L. 3' temp 50° water polluted, well has been pumped dry by diaphragm pump (about 50-60 gpm?) W.L. recovered in 1/2 hour.</p>
				<p>This well did not overflow according to Mr. Percival Also not more than 500 G.P.M. - " "</p>