

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

P244 P244

West Point Quad.  
15X-3.05 - 2.3 E RECORD OF WELL

see P2  
loc. o.k.  
refer also drilled Germaine Town  
see p2, 3, 655



Locate well on plat of section.

1. Location: State New York County Putnam  
Nearest P. O. Cold Spring Direction from P. O. South  
Distance from P. O. 2.5 miles;  $\frac{1}{4}$  sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Phillipstown

2. Owner: Suprise Lake Camp Address Cold Spring  
Driller: Hugh McLean & Sons Address Germanstown, N.Y.

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

4. Elevation of top of well: 208<sup>30</sup> ft. above the level of mean sea level  
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 200 ft.; year in which well was finished 1949 (September)  
Does well enter rock? yes if so, at what depth? 18 ft.; kind of rock? granite  
208 - drilled not known June 1-'49 started July 6-'49 completed

7. Diameter: At top about 10 inches; at bottom 6 inches.

8. Principal water bed: rock Storm King granite  
Depth to principal water bed 80-100 ft.; thickness of bed \_\_\_\_\_ ft. "poor well"  
(Gravel, sand, clay or rock. If rock, state kind) (see over)

If other water supplies were found, give depth to each \_\_\_\_\_

9. Casings: Kind steel; size 7; length 18 ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind steel and; size 8'6"; length 28'4" ft.; between depths of 0 and 28' ft.  
Kind cemented in 6" casing; 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? No; kind of screen \_\_\_\_\_;  
length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_

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 22 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Rotary (Cook) pump  
size or capacity of pump \_\_\_\_\_; kind of power 183' setting?

12. Yield: Natural flow at present (if any) 2-3 gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 5 10 gallons per minute continuously for 2 hours;  
quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day. (see over)

13. Use: For what purpose is the water used? Girl's camp (served 20 girls)

14. Quality of the water: Not Known; is there an analysis? yes  
(Hard or soft, fresh or salty, etc.) (Public Health Dept. Poughkeepsie)

15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank I Grossman from Seward L. Bloomer & drilled  
Date Oct. 6, 1949 Address U.S.G.S. Albany. & driller 6-15-50 (caretaker)

4-24-50 → from Mr. Oppenheimer (by phone)

## LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL <small>(Give color and tell whether hard or soft)</small>	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS <small>(Especially information as to water found)</small>
	From—	To—		
Boulders & hardpan (Gravel below this)	0	18	18	
Granite	18	208	190	Water bearing from 28-30 to bottom. many small seams. Quite sandy.

Rock was medium. Not too hard & not too soft.

Tested for 10 hrs at 200' and 208'

Pump test	no. 1	no. 2	no. 3
Static water level in ft. below grade	22	22	22
Pumping rate in g.p.m.	10	17	20
Pumping level in ft. below grade	100	150	183
Duration of test; in hours	2	2	2

Leo Poge's notes

18' foot of 10" pipe } cement & grout.  
10' " " 10" hole in granite.

Albert MacLean Driller.

Water bearing strata 20-100'.