

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

West Point 15' feet  
15 X - 8.75 3.5E

P451



RECORD OF WELL

no. 2

1. Location: State \_\_\_\_\_ County \_\_\_\_\_  
 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 Philpottown
2. Owner: Vassar College Address Roughspear, N.Y.  
 Driller: Wm. Engle Inter. Well Co. Address Bethel, Conn.
3. Situation: Is well on upland, in valley, or on hillside? terrace valley
4. Elevation of top of well: 240.0 ft. above the level of sea (Sea, depot, lake, or stream)
5. Type of well: drl; kind of drilling rig used st (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 110 ft.; year in which well was finished \_\_\_\_\_  
 Does well enter rock? yes; if so, at what depth? 8 ft.; kind of rock granite
7. Diameter: At top 10" inches; at bottom 8" inches.
8. Principal water bed: near bottom  
 (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 small vein - 30 ft.
9. Casings: Kind \_\_\_\_\_; size 10" 8"; length 10 ft.; between depths of 0 and 10 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 no; 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? yes; did it overflow when new? yes;  
 if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;  
 original pressure or head pos. (10 lbs. press); if not flowing, give water level in well 30 ft. below surface.
11. Pump: Is the well pumped? never; kind of pump removed 2 years ago, well capped;  
 size or capacity of pump \_\_\_\_\_; kind of power electric
12. Yield: Natural flow at present (if any) 4 gallons per minute; original flow 4 gallons per minute;  
 well has been pumped at 486 gallons per minute continuously for 4 days hours;  
 quantity of water ordinarily obtained from well 30 gallons per day. in summer
13. Use: For what purpose is the water used? Pool, sprinkler, horse box, cow box
14. Quality of the water: large quantities of iron; is there an analysis? green iron  
 (Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank William P. Charles Taylor

Date 3-30-52 Address \_\_\_\_\_

# 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—		
<i>aluminum</i> sandy loam Gray granite	0	8	8	
	8	110	102	Dry down to 30'
<p>3 <del>SP#1</del></p> <p>3 springs - see map.</p> <p>Well capped</p> <p>On original test 60' drop pipe</p> <p>30 ft. draught after pumping 10 hrs at 50 GPM</p> <p>Filter used.</p> <p>Water pumped to 2 tanks of 7,500 gallons = 15,000 g. capacity (well about 1/4 mile from this one NW)</p> <p>went down 400 ft. and only 1 gpm at bottom!</p>				