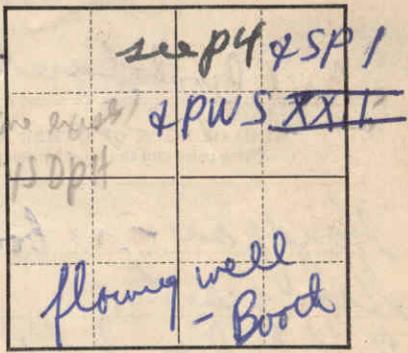


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

West Point 15' Quad.

15X, 1.45, 3.9E



RECORD OF WELL

New York

Putnam

1. Location: State New York County Putnam  
 Nearest P. O. Cold Spring Direction from P. O. N  
 Distance from P. O. 4 miles; 1/4 sec. T., R. R.  
 If in city, give street and number Phillipstown

2. Owner: Laurel Vallhalla Highland Lake Vallhalla Estate Address Cold Spring, N. Y.  
P.P. Beal and Sons, Inc. 4 Putnam Ave., Brewster, N. Y.  
 Driller: Man on rig: Booth (William) Address hillside

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

4. Elevation of top of well: 662 ft. above the level of sea (Sea, depot, lake or stream)

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

6. Depth of well: 209 ft.; year in which well was finished 1937  
 Does well enter rock? yes; if so, at what depth? 6-12 ft.; kind of rock hard

7. Diameter: At top 8" inches; at bottom 6" inches.

8. Principal water bed: quartz - no over 12 GPM at 175-180'  
 Depth to principal water bed 175 ft.; thickness of bed 6" ft.  
 If other water supplies were found, give depth to each first water at 50 ft.  
second " at 75" ft.

9. Casings: Kind steel; size 6"; length 25? ft.; between depths of 0 and 25? ft.

Kind steel; size 8"; length 22 ft.; between depths of 0 and 22 ft.

Kind None; size None; length None ft.; between depths of None and None ft.

Packers (if any): Depth at which packers were used None; kind None

Screen or Strainer: Was well finished with screen? No; kind of screen None;  
 length of screen None ft.; diameter None inches; size of openings None

10. Head: Does well at present overflow without pumping? No; did it overflow when new? No

if flowing, give pressure None lb. per sq. inch; or height water will rise in a pipe None ft. above surface;  
 original pressure or head None; if not flowing, give water level in well NYS DH - surface Surface - 2.00 ft. from Cas Elev ft. below surface.

11. Pump: Is the well pumped? Yes; kind of pump Myers DW 195 ft. setting;  
 size or capacity of pump 20; kind of power electric 3HP

12. Yield: Natural flow at present (if any) None gallons per minute; original flow None gallons per minute;  
 well has been pumped at 12 gallons per minute continuously for summer hours;  
NYS DH 22 Beal quantity of water ordinarily obtained from well about 8000 gallons per day.

13. Use: For what purpose is the water used? Dom - small community

14. Quality of the water: soft; is there an analysis? PWS

15. Cost of well, not including pump: None Temperature of water None

Name of person filling blank L.O. Grosman from driller's records

Date 8-16-50 Address U. S. Geol. Survey, Albany  
 On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.  
see back of sheet  
see page 4 of 1949  
see Cas Elev of Willis Booth 9-16-50

(Carl Eder)

# Bril Booth Caretaker's - LOG OF WELL (from memory)

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—		
Hardpan - no boulders	0	12	12	boulders on top of ground.
Gray granite	12	150	138	
Fine, white, hard quartz	150	175	25	← average speed only 4'-5' day water from quartz
Gray granite again	175	200	25	at 175 or 180 ft.
Average speed in granite 10'-12' day except for qty.				
Average speed in quartz = 4 ft./day				
in gray granite rock, 8'-10' day.				
Static level - surface				
Pumping level 180 ft.				
200' of drawdown - NYSDPH				
Test pumped for at least 8 hrs. at 20 GPM at 190' & held up.				

L. Page & Party  
pumped at 12 gpm W.L. reported by caretaker &  
drop from surface to 180'.

this well used from June thru Sept.  
Spring nearby supplies water until June.  
then Spring goes dry (see other sheet)

Well not believed adequate for prospective  
increase in population, another well drilled

Peak use in summer, well pumps  
12 hours day long during week days;  
continuously on Sat & Sun (Jan to Sept)