

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

15
West Point, Topo.
Township Phillipsstown

		see P. 5	
	1.7	2	
15X	2S	3&E	
		see 1SP &	
		PWS	XXII?

RECORD OF WELL

- Location:** State N.Y. County Putnam
 Nearest P. O. Cold Spring Direction from P. O. North
 Distance from P. O. 4 miles; $\frac{1}{4}$ sec. T., R. R.
 If in city, give street and number Town of Phillipsstown
Valkhalla Highland *Sarrison? N.Y.*
- Owner:** Lake Valkhalla P.W.S Address Cold Spring, N.Y.
- Driller:** Paul Beal & Sons Address Brewster, N.Y.
- Situation:** Is well on upland, in valley, or on hillside? Upland upland
Man on ridge = E. Ellis
- Elevation of top of well:** 670[±] ft. above the level of mean sea level.
 (Above or below) (Sea, depot, lake, or stream)
- Type of well:** DRILLED; kind of drilling rig used Jan. 9, 1942 - Beal's record
 (Dug, driven, bored, or drilled) (Sole tool, jetting, rotary, etc.)
- Depth of well:** 300 ft.; year in which well was finished 1943
 Does well enter rock? Yes; if so, at what depth? 21' 6" ft.; kind of rock granite
- Diameter:** At top 8 10 inches; at bottom 8 inches.
- Principal water bed:** Rocks (Granite) Prohuch diorite
 (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed between 250 & 300 ft.; thickness of bed _____ ft.
 If other water supplies were found, give depth to each 100' - 200'
- Casings:** Kind steel; size 8"; length 21 1/2 ft.; between depths of 0 and 21' 6" 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 _____; kind _____
- Screen or Strainer:** Was well finished with screen? _____; kind of screen _____
 length of screen _____ ft.; diameter _____ inches; size of openings _____
- 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 _____; if not flowing, give water level in well 8-7 ft. below surface.
- Pump:** Is the well pumped? yes; kind of pump Deming DW Turbine Turbine
 size or capacity of pump 30; kind of power electric
- Yield:** Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 30-28 - Beal gallons per minute continuously for 10 hours;
 quantity of water ordinarily obtained from well 5000+ gallons per day. with 250ft. drawdown
- Use:** For what purpose is the water used? Dom. 40 houses, 1000 on above test
- Quality of the water:** soft; is there an analysis? yes
 (Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump:** _____; Temperature of water _____ ° F.

Name of person filling blank U. H. O. from Public Health

Date 2/10/48 Address records - Poughkeepsie, N.Y.

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

from Carl Eder 8-16-50

MYS DH - LOG OF WELL (written)

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—		
Loose shale ^{wrong shale}	0	21		
Granite rock	21	300	279	
Topsoil, loam, boulders	0	4	4	
Loose shale (white shale)	4	21	17	weathered bedrock? shale
Bastard granite	21	300	279	

* Well seal cement grout.

W.D. from Carl Eder

~~Tested again June 1949~~

Well tested March 1949 - 1950 for 48 hrs.

Pumped 28 GPM for 24 hrs. - made 250 ft. of drawdown
 yielded then 18 GPM at 36 hr. mark
 stayed at 18 GPM at 48 hr. mark (end of test)

When tested again in 1950 yielded ~~at~~ 18 GPM ^{my}
 at start!

Analyses!

Color	Hardness	Gr. Content	NO ₃	Phosphates	Fe
0	108.0	0.7	9.0	0.001	0.01
PH	Alk.	Cl			
6.9	84.0	8.4			

211 for water on meter
 1/25/50
 all phosphorus