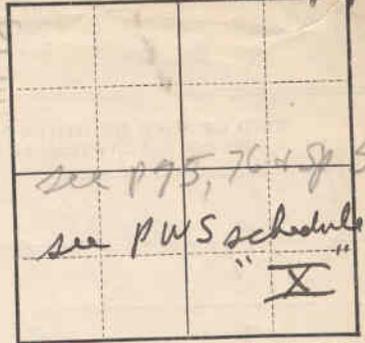


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL



1. Location: State New York County Rutland
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 Philipstown

2. Owner: Graymoor Village Address Colchester, N.Y.
Driller: _____ Address _____

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

4. Elevation of top of well: 470 ft. above the level of see (Sea, depot, lake, or stream)

5. Type of well: aug; kind of drilling rig used shovel (Solid tool, jetting, rotary, etc.)

6. Depth of well: 25 ft.; year in which well was finished _____

Does well enter rock? No; if so, at what depth? _____ ft.; kind of rock _____

7. Diameter: At top 14 1/4 inches; at bottom 9 1/2 inches.

8. Principal water bed: glacial sand and gravel (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 _____

9. Casings: Kind concrete; size 180; length 7 ft.; between depths of 0 and 7 ft.

Kind open brick work; size _____; length 26 1/2 ft.; between depths of 7 and 33 1/2 ft.

Kind oil pipe; 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 _____

10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____

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 0 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Deming Triplex

size or capacity of pump 2800 g p hour; kind of power electric GE 7 1/2 HP motor

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;

well has been pumped at 2800 gallons per minute continuously for 2 hours;

quantity of water ordinarily obtained from well 1500 gallons per day.

13. Use: For what purpose is the water used? domestic - supplies Graymoor Village

14. Quality of the water: moderately hard; is there an analysis? yes - own

(Hard or soft, fresh or salty, etc.) Temperature of water 62 F.

15. Cost of well, not including pump: _____

Name of person filling blank 2 Page from J. Baptiste Schaefer

Date 2-16-50 Address 284 W 5th St at Poughkeepsie

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

8-17-50 + 500 ft

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—		
Peat, clay, gravel & sand this well went dry in 1936 but was used all through summer of '48 and water level reported to have dropped about 6 feet	0	33	33	
				ppm. Probably N.Y.S.D.H. analysis (1948)
				Transcribed by Leo Page → 3-29-48 NO ₂ .001, NO ₃ 1.2, Cl 4.5 Hardness 90, Alkalinity 80, pH 7.1, Fe 0.15 Color 0, Turbidity - T-
<div style="background-color: yellow; width: 100%; height: 20px; margin-bottom: 5px;"></div> Anclay Deming duplex pump operating at 26 g.p.m. driven by a Fairbanks-Morse 8 HP gasoline engine 2 steel & wood distribution reservoirs 1-3000 gal. elevated (wood) 1-3500 gal. (steel) - lower				
<div style="background-color: yellow; width: 100%; height: 20px; margin-bottom: 5px;"></div> SINK TAP - CISTERN 5-3-44 RESIDENTIAL ANALYSES OUTLET AT PUMP HOUSE 5-3-44				
NYSDPH at Poughkeepsie				
				 Fe 0.4 NO₃ 0.80 Chlorides 2.8 Hardness 78.0 (total) Alk 68.0 PH 7.0 O.C. 0.7 Free NH₃ 0.002 Turbidity - trace color = 0

~~1.22
 80
 97.6
 97.6~~