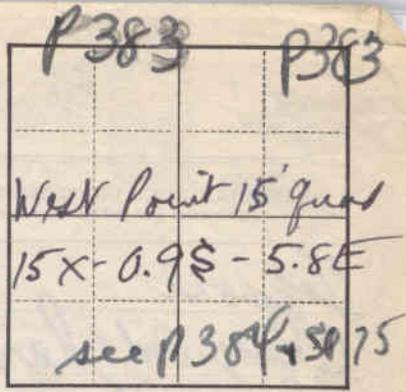


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH



RECORD OF WELL

West Point
15' quad
→ 20.95
5.8E
15X

1. Location: State New York County Putnam
Nearest P. O. Cold Spring Direction from P. O. NE
Distance from P. O. 6 miles; $\frac{1}{4}$ sec. T. R.
If in city, give street and number Phillyptown

Locate well on plat of section.

2. Owner Mr. Arthur Walker Address East Mountain Road Cold Spring, N.Y.
Driller: Chester Pucky Address Annsville, N.Y.

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

4. Elevation of top of well: 820 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 102 ft.; year in which well was finished Jan. 1942
Does well enter rock? yes; if so, at what depth? 4 ft.; kind of rock granite

7. Diameter: At top 6" inches; at bottom 6" inches.
Can't they get granite geology map of county for white rock?

8. Principal water bed: "white quartz" rock
Depth to principal water bed 97 ft.; thickness of bed _____ ft.
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each none

9. Casings: Kind steel; size 6"; length 6 ft.; between depths of 0 and 36 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 none; 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? 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 64 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Myers D. Well;
size or capacity of pump 1 1/2 HP; kind of power electric

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 2 1/2 gallons per minute continuously for 15-20 minutes hours;
quantity of water ordinarily obtained from well 40-50 gallons per day.

13. Use: For what purpose is the water used? Dom - 1 family - supplementing water

14. Quality of the water: soft - see over; is there an analysis? yes (over)
(Hard or soft, fresh or salty, etc.)

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

Name of person filling blank J. Grossman prop. owner
Date 3-25-50 Address U.S.G.S. at Albany driller

8-18-50
Chester Pucky

Dullens - 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—		
Topsoil	0	1/2	1/2	
Clay and hardpan	1/2	6	5 1/2	(Fill)
Granite with	5 1/2	97	91 1/2	
White quartz stringer	97	100	3	water in quantity at 97 feet. boiled up after drilling. owner
owner reports water level fell to 92 ft. in 1948				
Granite outcrops in area for sketch, see SP 75				
One water sample taken				
Water Analysis - Colln. 3-25-50 - NYS Analysis				
Source				
Tap in basement - 3' from well				
Fe		1.5		
Mn		0.10		
Cl		2.6		
Hardness total (as CaCO ₃)		46.0		
Alkalinity		31.0		
pH		7.5		
Total Solids		63		
SO ₄		8.4		
Color		5		
Turbidity		10		