

C311  
22

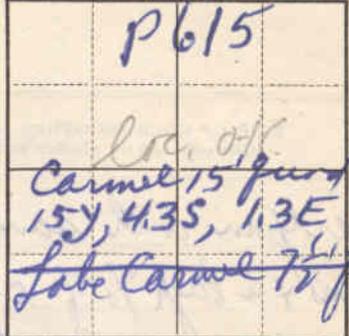
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

P731  
P615

Centrock 311  
outlet #1  
SP + 116000

hole 22

not located  
yet



RECORD OF WELL

1. Location: State New York County Pulman  
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 Kent

2. Owner: New York Board of Water Supply Address 120 Wall St. N.Y. City  
Driller: Sproague and Herwood Address \_\_\_\_\_

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

4. Elevation of top of well: 574.6 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 73.7 ft.; year in which well was finished started 10-5-31; completed 10-8-31  
Does well enter rock? yes; if so, at what depth? 47.7 ft.; kind of rock granitic

7. Diameter: At top 2 1/2 inches; at bottom \_\_\_\_\_ inches.

8. Principal water bed: \_\_\_\_\_  
(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 yes; size 2 1/2"; length 48 ft.; between depths of 0 and 48 ft.  
Kind later pulled; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.  
Kind (see over); 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 \_\_\_\_\_ ft. below surface.

11. Pump: Is the well pumped? \_\_\_\_\_; kind of pump \_\_\_\_\_;  
size or capacity of pump \_\_\_\_\_; kind of power \_\_\_\_\_

12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at \_\_\_\_\_ gallons per minute continuously for \_\_\_\_\_ hours;  
quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.

13. Use: For what purpose is the water used? was well test hole

14. Quality of the water: \_\_\_\_\_; is there an analysis? \_\_\_\_\_  
(Hard or soft, fresh or salty, etc.)

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

Name of person filling blank \_\_\_\_\_

Date \_\_\_\_\_ 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—		
Hardpan with sand, small stones & a high % of clay	0	15.3	15.3	Boulder at 11.4 ft.
Small stones & clay, little sand	15.3	23	7.7	Boulder at 18.3
Sand with small stones, little clay	23	30.4	7.4	Boulders at 23.6 & 27.8'
Mostly stones, also sand & a little clay	30.4	33.3	2.9	
Small stones with little sand	33.3	40.9	7.6	
Sand with approx. 5% clay	40.9	45.3	4.4	
Small stones with approx. 40% sand	45.3	<del>47.7</del>	2.4	
Granite <del>rock</del> of biotite schist (decayed)	47.7	73.7		also soft black rock

11.5 % core recovered

9 sticks dynamite used.

No loss of water

All casing pulled and hole filled with sand

Working time = 3 days