

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

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0.2 IV
4.0 E

1998

Close
15' quad
98

RECORD OF WELL

1. Location: State N. Y. County Putnam
 Nearest P. O. Holmes Direction from P. O. SW
 Distance from P. O. 2 miles; 1/4 sec. _____, T. _____, R. _____
 If in city, give street and number Town of Kent

Locate well on plat of section

2. Owner: Lake Drew County Club Address Ludingtonville, N. Y.
 Driller: P. F. Beal Address Burvostic, N. Y.

3. Situation: Is well on upland, in valley, or on hillside? valley by lake
 4. Elevation of top of well: 695 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, jetting, rotary, etc.)

6. Depth of well: 169 ft.; year in which well was finished May 14, 1947
 Does well enter rock? yes; if so, at what depth? 25 ft.; kind of rock metals granite

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

8. Principal water bed: rock Pre-Cambrian gneiss
(Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 165 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each not known

9. Casings: Kind steel; size 6; length 32 ft.; between depths of 0 and 32 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 no; 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 15 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Meyers deep well dd. 1541;
 size or capacity of pump _____; kind of power 1/2 HP; 6" stroke installed

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 3-Beal gallons per minute continuously for 5 hours;
 quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? domestic - drinking only

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

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

Name of person filling blank L. P. from outletter of County Club

Date _____ Address Putnam Co. Beal's records

5-5-50

Duller's - LOG OF WELL (J. Ashby)

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—		
Soil	0	10	10	
Boulders, cobbles, & gravel	10	25	15	no clay, no water
Granite	25	169	144	← main water bed at 165'
<u>DATA from NY St. DPH</u>				
st. gravel, boulders	0	25	25	Average speed about 10 f/day per dia in rock
rock (mixed granite)	25	169	144	
Partial Analysis				
	Chl.	nit.		
7-26-48 Tap in room #5	1.0	0.04		
8-16-49 Tap in Kitchen	5.0	0.04		
<u>Pumping Test</u> ✓				
	No. 1	No. 2	No. 3	
Static water level in ft. below grade	15			15
Pumping rate in g.p.m.	3			
water level in feet below grade	16.9			16.9
duration of test, in hrs.	5			16
<p>First pumped 60 gpm for 5 minutes to draw off head. Then held up at 3 gpm at pumping level for 5 hrs.</p>				