

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Check again in field
let it sit
to see if
it will
flow

Carnel 15' quad
15y-3-85-43E

RECORD OF WELL

1. Location: State N.Y. County Cattaraugus
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

Locate well on plat of section.

2. Owner: Larry J. Kemmer Address Lake Carnel
Driller: George Baker Address Whaley Lake, N.Y.

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

4. Elevation of top of well: 720 ft. above the level of _____ (Sea, depot, lake, or stream)

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

6. Depth of well: 80 ft.; year in which well was finished 1946

Does well enter rock? yes; if so, at what depth? 10 ft.; kind of rock basalt granite

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

8. Principal water bed: Rock (Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 77 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size 6"; length 18'6" ft.; between depths of 0 and 18 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 43 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Corke DW jet;
size or capacity of pump 3 GPM; kind of power elec

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 15 gallons per minute continuously for 8 hours;
quantity of water ordinarily obtained from well 50 GPD gallons per day.

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

14. Quality of the water: Med - hard 137; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: 440.00 Temperature of water _____ ° F.

Name of person filling blank for driller & from
Date 3-29-50 Address 288 at alley Mrs. Kemmer

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL <small>(Give color and tell whether hard or soft)</small>	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS <small>(Especially information as to water found)</small>
	From—	To—		
Boulders, etc. <i>Halpan</i>	at	6		
Rock Strata	10	70	60	No water at 70'
Rock Strata	77	98 1/2	±	struck ^{large supply of} water (struck crevice)
				
<p>House is on high part on hill. About 5 ft. above house is <u>water</u> location of these 3</p>				
<p>Test pump at 15:30 pm for 8 hours well no drawdown</p>				
<p><u>Average speed = 7 ft. per day</u></p>				
6				
12				House 50 ft. for Remon
3				+ 20 ft. lower had a
5				well. (Core drill) went down
11				150 ft. + rig up for 200
9				very hot + good water 9 ft
8				
3				
9				
5				
7				

11/78