

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P103

Lake Carmel
7 1/2' quad.
8.25
7.2E

Carmel 15' quad.
15y, 4.15
3.6 E

RECORD OF WELL

Locate well on plat of section.

1. Location: State N.Y. County Putnam
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: Ben Seavey Address Carmel N.Y.
Driller: Frank Carroll Address Brewster, N.Y.

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

4. Elevation of top of well: 590 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: 125 ft.; year in which well was finished 1947
Does well enter rock? yes; if so, at what depth? 20 ft.; kind of rock coarse granite gneiss

7. Diameter: At top 6 inches; at bottom 6 inches. speed av. 12-18' day

8. Principal water bed: granite gneiss - 20 GPM at 122'
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 122 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each 8 GPM at 87 ft.

9. Casings: Kind steel; size 6"; length 25 ft.; between depths of 0 and 25 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 15 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Sould - Cent.;
size or capacity of pump 200 GPM; kind of power Elec. - 1HP

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 20 gallons per minute continuously for 5 hours;
quantity of water ordinarily obtained from well about 22 people gallons per day, 1200 GPD (est.)

13. Use: For what purpose is the water used? supply about " " watering lawns, swimming pool.

14. Quality of the water: yes lab tests; 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 Leo Page & J. Grossman (5-25-50) from driller

Date June, 1949 Address U.S. Geol. Survey at Albany.

Driller's - 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—		
Hardpan & boulders	0	18	18	
Coarse sand	18	20	2	
Granite quartz	20	125	105	8 GPM at 87' 20 GPM at 122'
<p>Pump test - 65 fr. of drawdown after five hours pumping at 20 GPM. (accurately checked water level by putting in float.)</p> <p>Driller reports: "Water came in at faster than 20 GPM and held at that level (80' pumping level)." </p>				
<p>Dug well 100 fr. from this well (see p 104)</p>				