9—255
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Lake Carmel 7½' quad

~~See George Brewster in this!~~

P549

RECORD OF WELL

Carmel 15' quad
15y-4.3S-1.1E

Locate well on plat of section.

1. **Location:** State N.Y.S. County Putnam
   Nearest P. O. Carmel Direction from P. O. NW
   Distance from P. O. 3 miles; ____ ¼ sec. ____, T. ____, R. ____
   If in city, give street and number Town of Kent RFD 2 Dixon Road
2. **Owner:** Leo Hausler Address Carmel, N.Y.
   Driller: P. T. Beal & Sons Address Brewster, N.Y.
   E. Ashby on rig
3. **Situation:** Is well on upland, in valley, or on hillside? hillside
4. **Elevation of top of well:** 540 ft. above (Above or below) the level of sea (Sea, depot, lake, or stream)
5. **Type of well:** drilled (Dug, driven, bored, or drilled); kind of drilling rig used core drill (Solid tool, jetting, rotary, etc.)
6. **Depth of well:** ~~95~~ 120 ft.; year in which well was finished Sept. 25, 1943
   Does well enter rock? yes; if so, at what depth? 12-15 ft.; kind of rock granite gneiss
7. **Diameter:** At top 6 inches; at bottom 6 inches.
8. **Principal water bed:** granite gneiss (Gravel, sand, clay, or rock. If rock, state kind)
   Depth to principal water bed ~~120~~ 95 ft.; thickness of bed ____ ft.
   If other water supplies were found, give depth to each first water at 50 ft.
9. **Casings:** Kind steel; size 6"~~4"~~; length 20 ft.; between depths of 0 and 20 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 48 ft. below surface.
11. **Pump:** Is the well pumped? yes; kind of pump Gould;
    size or capacity of pump ____; 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 6 gallons per minute continuously for 5 hours;
    quantity of water ordinarily obtained from well 100 GPD gallons per day. weekdays 150± weekends
13. **Use:** For what purpose is the water used? Dom - 3 houses - only 3 people weekdays 5 = weekends
14. **Quality of the water:** soft? (Hard or soft, fresh or salty, etc.); is there an analysis? ____
15. **Cost of well,** not including pump: ____ Temperature of water ____ ° F.

Name of person filling blank J. J. Grossman from Otto Engels (resident) & Beal's records
Date 7-20-50 Address U.S.G.S. at Albany! E. Ashby 8-10-50

On the back of this sheet give the record of the beds through which the well passes and any other facts of importance. 6—9642

Fuller's - LOG OF WELL (from memory)

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET From—	To—	THICKNESS, IN FEET	REMARKS (Especially information as to water found)
Boulders & soil	0	12	12	
Granite-gneiss	12	120	108	

Drill cores still on property. Rock is a banded granite-gneiss. Thick black & white bands.
Water pumped to 1000 liter (250 GAL. (APPROX.)) tank.
" supplies 3 houses.
Bedrock outcrops within 40 ft. of well.