

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

Lake Carmel  
7 1/2' Quad  
14.25  
6.9 E

P165


Lake Carmel 15' Quad  
15Y-7.2S-3.5E

RECORD OF WELL

- 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 Green of Carmel
- Owner: George Little Address Lake Gailard, N.Y.  
Driller: P.F. Beal & Sons Address Brewster, N.Y.
- Situation: Is well on upland, in valley, or on hillside? in valley
- Elevation of top of well: 585 ft. above the level of \_\_\_\_\_  
(Above or below)
- Type of well: drilled; kind of drilling rig used core drill  
(Dug, driven, bored, or drilled) (See depot, log, or stream)
- Depth of well: 204 ft.; year in which well was finished 1939  
Does well enter rock? yes; if so, at what depth? 15' ft.; kind of rock granite
- Diameter: At top 6 inches; at bottom 6 inches.
- Principal water bed: granite  
Depth to principal water bed 199 ft. (Gravel, sand, clay, or rock. If rock, state kind) ft.; thickness of bed \_\_\_\_\_ ft.  
If other water supplies were found, give depth to each few weepers higher up
- Casings: Kind steel; size 6"; length 18 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 \_\_\_\_\_
- 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 14' ft. below surface.
- Pump: Is the well pumped? yes; kind of pump Domestic 1/2-hp. 180' down; size or capacity of pump \_\_\_\_\_; kind of power \_\_\_\_\_
- Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute; well has been pumped at 2 1/2 gallons per minute continuously for 2 hours; quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.
- Use: For what purpose is the water used? \_\_\_\_\_
- Quality of the water: \_\_\_\_\_; is there an analysis? \_\_\_\_\_  
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank George Little  
Date \_\_\_\_\_ Address 15Y (55-5) from Beal's records

Dubin'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-		
Copy on other sheet ↓				
Dug well, about 3' lower in clear than # 166 drilled well - 35' away - 13' deep 12 1/2" to W. W. W. line 1949 (no wind needed) temp 49° F				
Spring: tested about 250' west - 20' lower than Dubin's. This dug well - had been used but used to pump dry after pumping & had several hours of still flow - temp 50° F June 1949				
<u>P 165</u> Bowler tested 2 hrs.				
Beal's record 2 1/2 gpm. at bottom 1 1/2 g.p.m. at 100'				
only 10 gpm at bottom before dynamiting at bottom!				
LOG (by Charlie Andrew - from memory)				
Loose cobbles & sand	0	15	15	
Grey granite - sometimes dark blue grey	15	204	189	with quantity veins main water at 199'