

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

Lake Carmel 7 1/2' Quad  
10.7S  
11.7E  
P#161  
see P 354 & P 355  
+ 173 + 162 + 163  
Carmel 15' quad  
15Y-6.8S-5.9E  
Locate well on plat of section.

#161  
(over for #162)

RECORD OF WELL

1. Location: State N.J. 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 Southeast

2. Owner: Benedict Dairy Farms Address Tellie Foster, N.J.  
Driller: James Carroll Address Lake Putnam, N.J.

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

4. Elevation of top of well: 490 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: 204 ft.; year in which well was finished 1948 3-9-49  
Does well enter rock? yes; if so, at what depth? 70 ft.; kind of rock granite gneiss

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

8. Principal water bed: not even 1 gallon a minute up to 110 ft. 1 1/2 gals per min.  
(Gravel, sand, clay, or rock. If rock, state kind) at 110 ft.  
Depth to principal water bed \_\_\_\_\_ ft.; thickness of bed \_\_\_\_\_ ft.

If other water supplies were found, give depth to each \_\_\_\_\_

9. Casings: Kind steel; size 6"; length 68 ft.; between depths of 0 and 68 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' static w.l. ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Meyers Plunger (170' g rods)  
size or capacity of pump 120-30 gpm; 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 19 20-28 GPM - pump test 6 hours gallons per minute continuously for \_\_\_\_\_ hours;  
quantity of water ordinarily obtained from well 5000-4000 gallons per day. 100 cattle 1 family

13. Use: For what purpose is the water used? domestic, stock

14. Quality of the water: Brewster Water Dept.; is there an analysis? yes (will be)  
(Hard or soft, fresh or salty, etc.)

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

Name of person filling blank J. Page from Supt. Swenson  
Date over Address 5-24-50 Depot for Jim Carroll

\* On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.  
120' of dup pipe drilled used when pumping + that Carroll made

Jones Canal map

# LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)      DEPTH, IN FEET      THICKNESS, IN FEET      REMARKS



P161 ✓

was pumped 48 hours.

was Pumped 22 gallons per minute for 6 hours with less than 8.5 ft. of drawdown. Drop pipe was 100 ft. down & static level was 15 ft. Pump never sucked air or tests.

Pulling time about 19 days so about 11 ft./day average (note: Les Page had pumping level at 120 ft.)