

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

L.O.O.K.

P304

Carmel Prod

Carmel 15' quad	
15y-4.95-2.5E	
see 7 1/2 min quad	
for exact location	
same as B1 of 1st quad	

RECORD OF WELL

1. Location: State New York County Putnam
 Nearest P. O. Carmel Direction from P. O. NW
 Distance from P. O. 1 1/2 miles; 1/4 sec. T, R.
 If in city, give street and number House of Carmel

Locate well on plat of section.

2. Owner: Mrs. Aldo Carbone Address Carmel, N.Y.
 Driller: P.F. Beal and Sons Address Brewster, N.Y.
C. Andersen in NY

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

4. Elevation of top of well: 530 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 265 ft.; year in which well was finished 1939? before 1926 1936-1937

Does well enter rock? yes; if so, at what depth? 5-8 ft.; kind of rock granite-gneiss

7. Diameter: At top 6 inches; at bottom 6 inches. (drill cores are still near well)

8. Principal water bed: granite
Depth to principal water bed 260 ft.; thickness of bed ft.
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each small trickle higher up

9. Casings: Kind steel; size 6"; 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 30± ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Ryder-Erichson lift (single phase)

size or capacity of pump ; kind of power electric 220' setting

12. Yield: Natural flow at present (if any) 4 1/2 - 5 gallons per minute; original flow gallons per minute;

well has been pumped at 8 hours; barrel

quantity of water ordinarily obtained from well 500 (rough guess) gallons per day.

13. Use: For what purpose is the water used? Domestic - formerly trailer camp - 10 people

14. Quality of the water: soft. no odor, taste, or corrosion; is there an analysis? partial (over)

(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: 1500-1800 Temperature of water ° F.

2-9-50 NYS DRPH Name of person filling blank J. Grossman from N.Y.S. Dept. Pub. Health

Date 10-7-49 Address Mrs. Carbone

✓ J. Andersen

LOG OF WELL

Dr. Anderson also

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—		
Topsoil and gravel	0	75	75	
Granite - gneiss (Biotite granite-gneiss - etc)	75	265	258	Pink feldspar at about 35-40 ft.

Partial Analysis

6-4-40 Kitchen sink Cl = 3.0 ppm

Water level dropped about 1938 after tunneling for reservoir took place.
 Disrupted mud 100 lbs. at bottom

Bailed at 120 gpm for 2 1/2 hrs. with 235 ft. of drawdown.

