

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P 817

Carmel 15' grid 15 y, 0.5 s, 13.5 e			

RECORD OF WELL

Lake Carmel 7 1/2' from
near Rte. 52

1. Location: State NY County Putnam
 Nearest P. O. Lake Carmel Direction from P. O. N
 Distance from P. O. 2 1/2 miles; 1/4 sec. _____, T. _____, R. _____
 If in city, give street and number near Rte. 52. Town of Kent
Town of Carmel

Locate well on plat of section.

2. Owner: Carmel School (Wash. School) Address Carmel, N.Y.
 Driller: Isaac Van Vlack Jr. Address Carmel, N.Y. Tel. Carmel 5-2157

3. Situation: Is well on upland, in valley, or on hillside? Hilltop
 4. Elevation of top of well: 920 ft. above the level of mean sea level
(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: 400 ft.; year in which well was finished started Nov. '53; completed Feb. '54
 Does well enter rock? Yes; if so, at what depth? 34 ft.; kind of rock granite

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

8. Principal water bed: granite (Pre-Cambrian gneiss-geol. map)
(Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 290 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each another 49 ft. somewhere between 343' & 400'

9. Casings: Kind metal; size 6; length 48 ft.; between depths of 0 and 48 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 50 ft. below surface.

11. Pump: Is the well pumped? Not yet; kind of pump Submersible DW will be used.
 size or capacity of pump _____; kind of power elec

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 10 gallons per minute continuously for 8 1/2 hours;
 quantity of water ordinarily obtained from well _____ gallons per day.
pump test 330' drawdown; see over.

13. Use: For what purpose is the water used? School - 200-300 children

14. Quality of the water: _____; 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 W. Grossman from driller
 Date 4/24/54 Address U.S. Geol. Survey in Albany.

