

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P330

Carmel
Judd

Asheville

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RECORD OF WELL

Loc. approx. 0.14
Carmel 15' from
15N, 6.6S, 1.6E

Locate well on plat of section.

1. Location: State New York State County Putnam
Nearest P. O. Carmel Direction from P. O. South
Distance from P. O. 3 1/2 miles; 1/4 sec. _____, T. _____, R. _____

If in city, give street and number Town of Carmel
Formerly Green's Tourist Home

2. Owner: Mrs. Mary Greene Address R.F.D., Carmel, N.Y.
Driller: _____ Address _____

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

4. Elevation of top of well: 650 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 25-30 ft.; year in which well was finished _____

Does well enter rock? no; if so, at what depth? _____ ft.; kind of rock _____

7. Diameter: At top 3 ft 6" inches; at bottom 3 ft inches.

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

If other water supplies were found, give depth to each _____

9. Casings: Kind stone lined; size 3 ft; length 3-4 ft.; between depths of 0 and 3-4 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 _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____;
length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____;
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 _____ ft. below surface.

11. Pump: Is the well pumped? _____; kind of pump hand pump;
size or capacity of pump _____; kind of power human

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at _____ gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? 5 people for nearby tourist homes, now private

14. Quality of the water: no odor, taste, or corrosion; is there an analysis? partial (on)
(Hard or soft, fresh or salty, etc.) June 30 - Sept 29

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

Name of person filling blank J. H. M. N. S. D. at Poughkeepsie
Address USGS at Albany

Date 2-17-50

LOG OF WELL

| KIND OF ROCK OR OTHER MATERIAL <small>(Give color and tell whether hard or soft)</small> | DEPTH, IN FEET | | THICKNESS, IN FEET | REMARKS <small>(Especially information as to water found)</small> |
|--|----------------|-----|--------------------|--|
| | From— | To— | | |
| Unconsolidated material a short distance (1/2 mile) away, is "stone" loam | | | | |
| Partial analysis - 8-10-42 Pump in kitchen | Chlor. 1.0 | | | Chlor. 0 |
| <p>The diagram shows a rectangular area representing the well site. A central circle is labeled 'WELL'. To its right is a square labeled 'MAIN HOUSE'. Below the house is a horizontal line labeled 'IRA CRANE ROAD'. To the left of the road, an arrow points left with the text 'Route to Cemetery'. To the right of the house, a vertical line with an arrow pointing up is labeled 'N'. A curved line to the right of the well is labeled 'stream'. Arrows indicate 'slope' in two directions: one pointing down and left from the well, and another pointing down and right from the house.</p> | | | | |