

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

Lab. Carmel 15' quad 6.3 S
154-2.95 0.9E 2.0 E

Carmel 15' quad	6.3 S	154-2.95	0.9E	2.0 E

P180
see p. 25
in map
(destroyed by
Camp &
duplication
SP35

1. Location: State N.Y. County Putnam
 Nearest P. O. Carmel Direction from P. O. NW
 Distance from P. O. 3 miles; north side of Cold Spring Road
1/4 sec. T., R. R.
 If in city, give street and number Town of Kent

Locate well on plat of section.

2. Owner: Camp Clear Pool Address Carmel, N.Y.
 Driller: P.F. Beal & Sons Address Brewster, N.Y.

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

4. Elevation of top of well: 870 ft. above the level of sea
 (Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 216 ft.; year in which well was finished 1937
 Does well enter rock? yes; if so, at what depth? surface ft.; kind of rock crystalline granite

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

8. Principal water bed: solid granite
 (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 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 _____; 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 56 ft. below surface.

11. Pump: Is the well pumped? no; kind of pump formerly lay well 3" drop pipe 207'; mayor chair drive
 size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 3000 gpd 2.3 GPM gallons per minute continuously for _____ hours;
 quantity of water ordinarily obtained from well 3000 gallons per day.

13. Use: For what purpose is the water used? not used, formerly used drinking water

14. Quality of the water: soft over; 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 P. P. ...
 Date 2-1-50 Address ...

LOG OF WELL

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--		
Bastard granite	0	216	216	
<p><i>This well not used, not adequate Present supervisors did not know driller yield, etc.</i></p>				
<p>8-25-37 DPH</p>				
Fe 0.2				<p><i>Page's notes show another well (unlabeled) 250' deep 6" diameter used at fountain, infirmary drilled 1939. 340 people at one time. Also spring: supplied to 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.</i></p>
NO ₂ 0.004				
NO ₃ 0.28				
Cl 7.8				
Hardness 40.0				
alk 32.0				
pH 7.1				
<p>Foot valve & cylinder extend to depth of 207 feet. 3000 gallon pressure tank in pump pit.</p>				
<p>Ample supply from 4x4 24 ft. spring in rock on property owned by Mrs. Wm. Hayes & adjacent to camp</p>				
<p><i>See Page's notes on Spring and property</i></p>				

*See Page's notes
SUBMERGED SPRING
AUG 25, 1937*

*Fe 0.7
NO₂ 0.008
NO₃ 0.08
Cl 3.6
Hardness 16.0
alk 8.0
pH 6.7*

*Present lake
level
2000
lake level*

