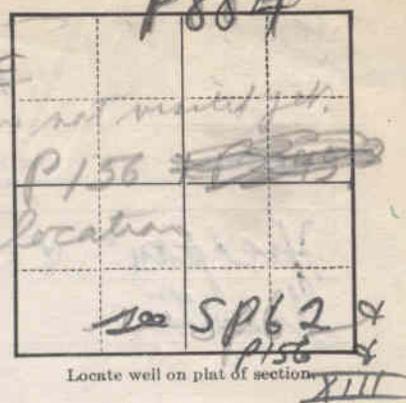


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Carmel 15' just
157, 4.05, 4.4E

P884

location approx.
not visited
in field.



RECORD OF WELL

1. Location: State _____ County Put.
 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 Put.

2. Owner: Mrs. Mortimer Dykeman Address Carmel, N.Y.
 Driller: Beal (J. Ashby) Address _____

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

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

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

6. Depth of well: 100 ft.; year in which well was finished Oct 149
 Does well enter rock? yes; if so, at what depth? 18 ft.; kind of rock granite

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

8. Principal water bed: granite water right at bottom _____ (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 100 ft.; thickness of bed _____ ft.
 If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size 6"; length 22'9" ft.; between depths of 0 and 22'9" 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? 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 17 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump installed Myer _____;
 size or capacity of pump _____; 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 3 gallons per minute continuously for 1 1/2 hours;
 quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? _____

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. Rossman for Beal's records
 Date 5-1-50 Address J. Ashby

Lucas's LOG OF WELL (from many)

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—		
Hardpan & cobbles	0	18	18	
Granite	18	100	78	water at bottom
Justly: cleared out well for Hill & Dale				
Bailed at 3 GPM for 1 hr. with 83 ft. of drawdown. (after cleaning) to repair well				