

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Reading Office
#118

Lake Carmel Quad P1118

flowing well!

17.05		
2.4E		
15Y		
8.6S		
1.3E		

Carmel 15' good

RECORD OF WELL

1. Location: State N. Y. County Rutnam
 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 Carmel

Locate well on plat of section.

2. Owner: Mahopac Volunteer Fire Dept Address Lake Mahopac, N. Y.
 Driller: P.F. Beal & Sons Address Brewster, N. Y.
J. Ashby on rig

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

4. Elevation of top of well: 675 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 106 ft.; year in which well was finished March 1949
 Does well enter rock? yes; if so, at what depth? 55' ft.; kind of rock granite
1950 1949

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

8. Principal water bed: granite
 Depth to principal water bed 90 yds ft.; thickness of bed _____ ft.
(Gravel, sand, clay, or rock. If rock, state kind)

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

9. Casings: Kind steel; size 6"; length 60' 10" ft.; between depths of _____ and 60' 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? yes; did it overflow when new? Yes;
 if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe 4'-5' ft. above surface;
 original pressure or head _____; if not flowing, give water level in well overflowing ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump sold Myers;
 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 30 gallons per minute continuously for 5 hours;
 quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? domestic fire & gen

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 L. Page from Beal's records

5-1-50 Address J. Ashby 8-28-50

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—		
Sand + gravel, sandy	0	20±	20±	
Hardpan	20±	55±	35±	
<i>above is approximate from memory</i>				
<i>Duller's (J. Ashley's) record from memory</i>				
Gravel + black mud	0	10	10	
Clean gravel	10	55	45	some water
Granite	55	106	51	water near bottom
 <i>J. Ashley - "Roughly 20' of drawdown after 5 hrs. pumping at 30 g.p.m."</i>				