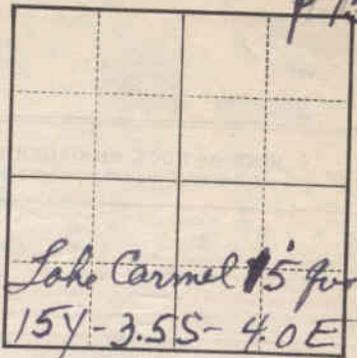


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Lake Carmel
7 1/2' Quad
5.3 S
8.4 E



RECORD OF WELL

1. Location: State N. Y. County Putnam
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 Kent

2. Owner: H. J. Wheeler Address Lake Carmel, N. Y.
Driller: P. F. Beal & Son Address Brewster, N. Y.

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

4. Elevation of top of well: 625 ft. above the level of sea

5. Type of well: drilled; kind of drilling rig used st

6. Depth of well: 38 ft.; year in which well was finished April 1944

Does well enter rock? yes; if so, at what depth? ? ft.; kind of rock _____

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

8. Principal water bed: rock - over Pre-Cambrian gneiss - Geol. map.
Depth to principal water bed _____ ft.; thickness of bed _____ ft.

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

9. Casings: Kind _____; size _____; length _____ ft.; between depths of _____ and _____ 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? yes; did it overflow when new? yes;
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 20' below ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump SW pub. Myers Job 20' deep pipe;
size or capacity of pump 400 GPHour; kind of power elec. new sub pipe

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 50 gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well 2.50 gallons per day.

13. Use: For what purpose is the water used? domestic - family est 8-10 per 2 burgate

14. Quality of the water: _____; is there an analysis? yes

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

Name of person filling blank Z. Page from Beal's records

Date 5-5-50 Address _____

LOG OF WELL

50 overburden - 1 boulder

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—		
Overburden - 1 boulder	0	?	?	
Bedrock	?	38	-	
Analysis O.K.				
Harry J. Wheeler	10-6	44		drill well - hitcher top no taste or odor
Total hardness	72			
Alk A	36			
Cl ₂	16			
CaCO ₃	24			
CaCl ₂	15			
Fe	0.3			
Turbidity	5			
Color	35			
PH	6.6			
Total compensated hardness	6			(after neutralizing)