

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Laho Carmel
7 1/2' quad

look up in
Beal's records
(not found yet)

P.512

			call thru night

Carmel 15' quad
15Y-7.45-1.4E

RECORD OF WELL

Location: State N.Y.S. County Putnam
Nearest P. O. Mahopac Direction from P. O. N
Distance from P. O. 1 1/2 miles; 1/4 sec. T. R.
If in city, give street and number Town of Carmel
formerly Mosen

Locate well on plat of section.

2. Owner: Vincent De Liso Address Mahopac N.Y.
Driller: P. F. Beal & Sons Address Brewster N.Y.
3. Situation: Is well on upland, in valley, or on hillside? hillside - near top of small hill.
4. Elevation of top of well: 720 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used core drill
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 196 ft.; year in which well was finished more than 10 years ago.
Does well enter rock? yes; if so, at what depth? _____ ft.; kind of rock granite gneiss
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: gray granite gneiss
(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 _____ 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 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? 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 _____ ft. below surface.
- Pump: Is the well pumped? yes; kind of pump myers - DW 120' setting;
size or capacity of pump _____; kind of power electric
- Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 7-8 gallons per minute continuously for 5 hours;
quantity of water ordinarily obtained from well 300 less in winter gallons per day.
- For what purpose is the water used? Dom - 1 family
of the water: medium soft - see over.; is there an analysis? yes (over)
(Hard or soft, fresh or salty, etc.)
well, not including pump: _____ Temperature of water _____ ° F.
- Name of person filling blank J. Grossman from George Cowan (caretaker)
Address at Albany + Mrs. De Liso

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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—		
<p>Bedrock outcrops all over property. Rock is contorted grayish-black granite gneiss. Drill cores still on property.</p> <p style="margin-left: 20px;">(from Berl)</p> <p>Permutit Analysis 7-14-49 drilled well 7-25-49 - drill well.</p>				
Total hardness	51	✓		
Ca?	8	3.7		
Fe	0.1	✓		
Turbidity	3	✓		
Color	5	✓		
pH	7.0	✓		
Total comp. hardness	3			
7-14-49 - nitrate as nitrogen	→ 0.004	.02		
	N = NO ₃	$\frac{NO_3}{N}$		$\frac{17.1 \times 3}{5.10}$