

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P516

Croton Falls
7 1/2' quad

RECORD OF WELL

Carmel 15' quad
15 Y - 10.45 - 0.1E

Locate well on plat of section.

- Location: State N.Y.S. County Putnam
 Nearest P. O. Mahopac Direction from P. O. S
 Distance from P. O. 1 1/2 miles; 1/4 sec. , T. , R.
 If in city, give street and number Town of Carmel
- Owner: Joe Volz Address Mahopac, N.Y.
 Driller: William Johnson Address Lake Carmel, N.Y.
- Situation: Is well on upland, in valley, or on hillside? hillside
- Elevation of top of well: 698 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)
- Type of well: drilled; kind of drilling rig used st (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
- Depth of well: 84 1/2 ft.; year in which well was finished 1949
 Does well enter rock? yes; if so, at what depth? 34 ft.; kind of rock black
- Diameter: At top 6 inches; at bottom 6 inches.
- Principal water bed: (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 83 ft.; thickness of bed ft.
 If other water supplies were found, give depth to each
- Casings: Kind steel; size 6; length 8 ft.; between depths of 0 and 8 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
- 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 22 ft. below surface.
- Pump: Is the well pumped? yes; kind of pump ;
 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 4 1/2 gallons per minute continuously for 5 hours;
 quantity of water ordinarily obtained from well 200 ± gallons per day.
- Use: For what purpose is the water used? garage
- Quality of the water: not hard; is there an analysis? no
 (Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: Temperature of water ° F.
 Name of person filling blank Grossman from Joe Volz & driller
7-12-50 Address U.S.G.S. at Albany

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—		
Topsoil	0	2 1/2	4 1/2	
Gravel	2 1/2	4	1 1/2	
Black rock	4	84	80	
<p>owner says: Barber tested for 2 hrs. with no drawdown. Approximately 10' of till across highway 6 (with boulders) at a slight somewhat higher elevation.</p> <p>Driller says 6.2 ft. of drawdown from bailing 1.8 GPM for 15 minutes</p>				