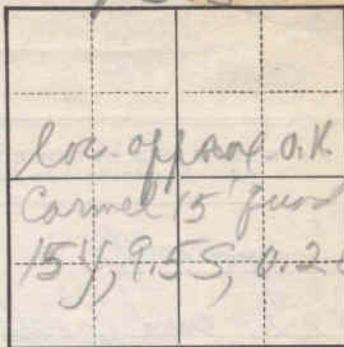


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH



Locate well on plat of section.

*Carmel Road*  
**1. Location:** State New York County Rutland  
Nearest P. O. Mahopac Direction from P. O. west  
Distance from P. O. 1 miles; 1/4 sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number near Bowling alley?  
Formerly Mahopac Trailer Camp. Town of Carmel

**2. Owner:** Mr. Charles Buchner 3rd 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

**4. Elevation of top of well:** 695± ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)

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

**6. Depth of well:** 75 ft.; year in which well was finished 1940?  
Does well enter rock? yes; if so, at what depth? 6 ft.; kind of rock \_\_\_\_\_

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

**8. Principal water bed:** \_\_\_\_\_  
(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 10 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? \_\_\_\_\_; did it overflow when new? \_\_\_\_\_;  
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.

**11. Pump:** Is the well pumped? \_\_\_\_\_; kind of pump shallow well elec. pump \_\_\_\_\_;  
size or capacity of pump \_\_\_\_\_; kind of power electric \_\_\_\_\_

**12. Yield:** Natural flow at present (if any) Does not flow in dry weather gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at \_\_\_\_\_ gallons per minute continuously for \_\_\_\_\_ hours;  
quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.

**13. Use:** For what purpose is the water used? Formerly Trailer Camp 15 people - now private

**14. Quality of the water:** No odor, taste a corrosion; is there an analysis? partial (over)  
(Hard or soft, fresh, or salty, etc.)

**15. Cost of well, not including pump:** \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank W. H. S. Doherty  
Date 2-9-50 Address 2178 ally

