9—255
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P525

West Point 15' quad

RECORD OF WELL

West Point 15' quad
15X-7.7S-11.1E

Locate well on plat of section.

1. **Location:** State N. Y. S. County Putnam
   Nearest P. O. Lake Secor Direction from P. O. N
   Distance from P. O. one mile; ____ ¼ sec. ____, T. ____, R. ____
   If in city, give street and number Town of Carmel

2. **Owner:** Adam F. Rice Address Bullet Hole Road Mahopac, N. Y.
   Driller: P. F. Beal & Sons Address Brewster, N. Y.
   Man on rig: Evans (Ted)
3. **Situation:** Is well on upland, in valley, or on hillside? slope, in valley.
4. **Elevation of top of well:** 600 ft. above (Above or below) the level of sea (Sea, depot, lake, or stream)
5. **Type of well:** drilled (Dug, driven, bored, or drilled); kind of drilling rig used core drill (Solid tool, jetting, rotary, etc.)
6. **Depth of well:** 86 ft.; year in which well was finished 1946 (March 13)
   Does well enter rock? yes; if so, at what depth? 20 ft.; kind of rock gray granite-gneiss
   average 6'-7' dry.
7. **Diameter:** At top 6 inches; at bottom 6 inches.
8. **Principal water bed:** granite gneiss - thick black bands (Gravel, sand, clay, or rock. If rock, state kind)
   Depth to principal water bed 80'-2 ft.; thickness of bed ____ ft.
   Ted Evans
   If other water supplies were found, give depth to each "water came in from several places." small vein
   yes T. Evans
9. **Casings:** Kind steel; size 6"; length 21 ft.; between depths of 0 and 21 ft.
   Kind ____; size ____; length ____ ft.; between depths of ____ and ____ ft.
   Kind ____; size ____; length ____ ft.; between depths of ____ and ____ ft.
   1 GPM all together
   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 7 ft. below surface.
11. **Pump:** Is the well pumped? yes; kind of pump Myers - SW;
    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 5 gallons per minute (barter test) continuously for 5 hours;
    quantity of water ordinarily obtained from well 200-250 gallons per day.
13. **Use:** For what purpose is the water used? Poultry farm & Dom - 5 people & poultry farm - 1,000 chickens
14. **Quality of the water:** soft (Hard or soft, fresh or salty, etc.); is there an analysis? ____
15. **Cost of well,** not including pump: ____ Temperature of water ____ ° F.

Name of person filling blank J. G. Grossman from Mr. Rice & Beal's records

Date 7-13-50 Address U.S.G.S. at Albany + Ted Evans 10-27-51

6—9642

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

Man on rig — (T. Evans) → **LOG OF WELL**

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET From—	DEPTH, IN FEET To—	THICKNESS, IN FEET	REMARKS (Especially information as to water found)
Brownish hardpan - no boulders	0	20	20	
Bedrock - Granite	20	86	66	Main water bed at 80 ft. Small veins higher up. Totals 1 gpm. Drilling speed 6-7 ft./day

Drill cores still on property.
Composed of gray to black, banded granite-gneiss.

Bailed for 5 hours.
Emptied well in 5 minutes bailing 176 gal. ← "to take off head"
Recovered in 10 minutes to previous level.