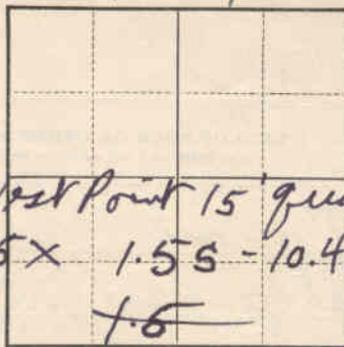


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

P379



West Point  
15' quad

RECORD OF WELL

1. Location: State New York County Putnam West Point 15' quad.  
Nearest P. O. Carmel Direction from P. O. NW 15 X 1.5 S - 10.4 E  
Distance from P. O. \_\_\_\_\_ miles; \_\_\_\_\_ 1/4 sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Kent

Locate well on plat of section.

2. Owner: Mrs. George B. Glave Address Route 301 R.F.D. Carmel, N.Y.  
Driller: Frank Bacon Address ~~Bacon~~, N.Y. Tel. 8-7021

3. Situation: Is well on upland, in valley, or on hillside? valley  
4. Elevation of top of well: 792 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)  
5. Type of well: drilled; kind of drilling rig used st (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 109 ft.; year in which well was finished 1949  
Does well enter rock? yes; if so, at what depth? 13 ft.; kind of rock granite

7. Diameter: At top 6 inches; at bottom 6 inches.  
8. Principal water bed: granite (6-8 GPM) granite is gray & black (Gravel, sand, clay, or rock. If rock, state kind)

Depth to principal water bed 104-105 ft.; thickness of bed \_\_\_\_\_ ft.  
If other water supplies were found, give depth to each 3 GPM at 75 ft.

9. Casings: Kind steel; size 6"; length 18' ft.; between depths of 0 and 18' 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 16' ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Deming Jet 1/2 HP; size or capacity of pump 5 1/2 GPM; 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 6-8 gallons per minute continuously for 2 hours; quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day. with 65' drawdown

13. Use: For what purpose is the water used? Domestic - sprinkler, etc.

14. Quality of the water: Hard?; is there an analysis? no (Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.  
Name of person filling blank Mrs. Glave 3-23-50 & driller 6-4-50

Date 3-23-50 Address to J. Grossman - USGS at Albany

# LOG OF WELL *from driller & owner's wife*

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—		
<i>Topsoil</i>	0	1	1	
<i>Hardpan and boulders</i>	1	13	12	<i>streaks of light brown gravel</i>
<i>Gray and black granite</i>	13	109	96	
<p><i>The brook dried up 2 years ago for the first time in many years. Well did not dry up in dry weather even though all the faucets &amp; sprinkler were used. Mrs. Glave reports iron mine back in hills (&amp; north.)</i></p> <p><i>Pieces of cement from aqueduct grouting found in barrel (from well) - reported by Bacon's driller.</i></p> <p><i>Pumped at 6-8 g.p.m. for 2 hrs. until 6.5' of drawdown.</i></p>				