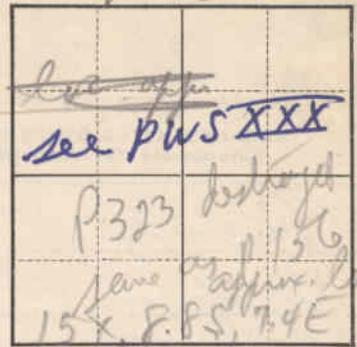


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P325

West Point
Jewel

check on feed



RECORD OF WELL

1. Location: State N.Y. State County Putnam
 Nearest P. O. Oscarville Corn Direction from P. O. South
 Distance from P. O. 2 miles; 1/4 sec. _____, T. _____, R. _____
 If in city, give street and number Town of Putnam Valley
Mrs. Louis Jennings R.F.D. #2, Beekmantown, N.Y.

2. Owner: Plant Estates Address _____
 Driller: ? Address _____

3. Situation: Is well on upland, in valley, or on hillside? valley

4. Elevation of top of well: 512' ft. _____ the level of _____
(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: 125 ft.; year in which well was finished 1928
 Does well enter rock? Yes; if so, at what depth? 18 ft.; kind of rock _____

7. Diameter: At top 6" inches; at bottom _____ inches.

8. Principal water bed: "Bluestone"
(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 first water at 40 ft.

9. Casings: Kind Steel; size 6"; length 20 ft.; between depths of 0 and 20 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 300' deep well pump
 size or capacity of pump 12 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 4000 GPD gallons per minute continuously for _____ hours;
 quantity of water ordinarily obtained from well 3500 GPD gallons per day. 1-4 hours in winter

13. Use: For what purpose is the water used? 1/400 ± June 15th to Labor Day PWS

14. Quality of the water: Moderately soft, slightly corrosive; is there an analysis? Yes (over)
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank J.G. for NYS DPH at Poughkeepsie
 Date 2-17-50 Address W. Pat. 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 | 3 | 3 | |
| Hardpan | 3 | 18 | 15 | |
| Bluestone | 18 | 125 | 107 | |
| <p>1 wood reservoir 4000 gal. capacity a 240 gal. steel pressure tank used in winter only to serve 1 to 4 horses.</p> | | | | |
| <p>Analysis: #2 Tap near pump. - 10-18-49</p> | | | | |
| Fe | 0.50 | | for 3 other analyses, see PW <u>S. XIX</u> | |
| Fluoride (F) | 0.05 | | | |
| NO ₃ | 0.30 | | | |
| Cl | 2.8 | | | |
| Hardness (total) | 66.0 | | | |
| Ash | 64.0 | | | |
| PH | 7.1 | | 6-1-50 160 160 160 | |