

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

P578

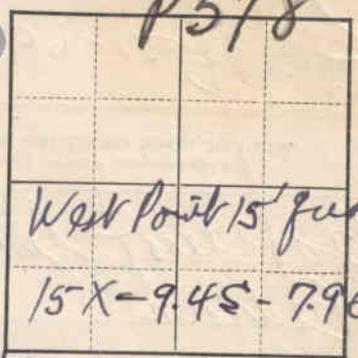
RECORD OF WELL

1. Location: State New York County Putnam

Nearest P. O. \_\_\_\_\_ Direction from P. O. \_\_\_\_\_

Distance from P. O. \_\_\_\_\_ miles; \_\_\_\_\_  $\frac{1}{4}$  sec. \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_

If in city, give street and number Town of Putnam Valley



Locate well on plat of section.

2. Owner: Oluf A. Petersen Address RFD 1 Chancel Rd. Putnam Valley

Driller: not known Address \_\_\_\_\_

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

4. Elevation of top of well: 420 ft. above the level of sea

5. Type of well: dug (Dug, driven, bored, or drilled); kind of drilling rig used shovel (Sea, depot, lake, or stream)

6. Depth of well: 8 (approx) ft.; year in which well was finished 1943 (Solid tool, jetting, rotary, etc.)

Does well enter rock? yes; if so, at what depth? 8 ft.; kind of rock touches rock

7. Diameter: At top 24 inches; at bottom 24 inches.

8. Principal water bed: sand (y. porous rock) (Gravel, sand, clay, or rock. If rock, state kind)

Depth to principal water bed 2 ft.; thickness of bed \_\_\_\_\_ ft.

If other water supplies were found, give depth to each \_\_\_\_\_

9. Casings: Kind galvanized; size 24; 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 \_\_\_\_\_

10. Head: Does well at present overflow without pumping? \_\_\_\_\_; did it overflow when new? yes

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 3 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Myers

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 2 gallons per minute continuously for \_\_\_\_\_ hours;

quantity of water ordinarily obtained from well < 100 gallons per day.

13. Use: For what purpose is the water used? Dom - 1 family - 2 people - 7

14. Quality of the water: very hard + corrosive; is there an analysis? no

(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water 60 ° F

Name of person filling blank W. Grossman, owner

Date 8-2-50 Address U.S.G. at Albany

500-60

LOG OF WELL

2 1/2' deep  
6 ft. water

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Boulders fine sand	0	8	8	probably silt
Bedrock	8		100	
			7 1/2	
			67 5/8	7 1/2
			gallon	96
			2	
			60 1/2	

In dry weather 7 feet of drawdown in about 2 hours, pumping at 2 GPM (approx)

In wet weather, less than 7 ft. of drawdown in pumping 2 GPM for 6 hours.

Bedrock outcrops all over all property. Some believe water comes from both sandstone and bedrock.