

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

P580  
P580  
Correct 15' quad  
154-1.7S-8.4E

RECORD OF WELL

1. Location: State N.Y. State County Putnam  
Nearest P. O. Towners Direction from P. O. \_\_\_\_\_  
Distance from P. O. \_\_\_\_\_ miles;  $\frac{1}{4}$  sec. \_\_\_\_\_ T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Patterson, RFD Locate well on plat of section.

2. Owner Gilbert W. Gabriel Address Towners, New York  
Driller: Henry Ballard Address Patterson, N.Y.  
Wm. Burns on rig

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

4. Elevation of top of well: 800 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 52 ft.; year in which well was finished 1935 1933

Does well enter rock? yes; if so, at what depth? 12-13' ft.; kind of rock light granite

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

8. Principal water bed: gr 50 ft. no water higher up.  
Depth to principal water bed 132 ft.; thickness of bed \_\_\_\_\_ ft.  
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each no water higher up.

9. Casings: Kind steel; size 6; length 25 ft.; between depths of 0 and \_\_\_\_\_ ft.

Kind steel; size 6; length 20 ft.; between depths of 0 and 20 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 25-20 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump SW- Alamo- Forward

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 10-12 gallons per minute continuously for see over hours;

quantity of water ordinarily obtained from well 100-150 gallons per day.

13. Use: For what purpose is the water used? Dom-1 family-2 people-4 bathrooms

14. Quality of the water: Soft; 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 W. Grossman from Mr. & Mrs. Gabriel &

Date 8-3-50 Address V.S.D.S. at Albany, Wm. Burns

Bill Buns -- LOG OF WELL -- from memory

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--		
Unconsolidated Light gray granite	0	20	20	no boulders
"Barite tested at at least 5 GPM for 5 hours with no drawdown" - William Buns - recorded from 30-35 GPM - 98% "Test pumped for 2-3 days at 5-10 GPM with less than 10 ft. of drawdown" - Wm Buns - from memory.	20	52	32	water near bottom
Dull cores still on property. Several springs on property. Bedrock outcrops on property about 100' up hill. One spring on property tested 2 GPM in springtime. Another yields even more water - The 2 GPM spring runs dry in dry years. Springs were used before well was drilled. Average speed here 7-8 ft. per day.				
Water Analysis: Bendiner & Schlesinger, Inc. May 18, 1933 Third Ave. & Tenth St. New York				
Free Ammonia	0.002			
Albuminoid Ammonia	0.001			Color - none ✓
Nitrites	0.012			odor - slightly grassy
Nitrates	0.036	✓		Turbidity - none ✓
Chlorine	1.500	✓		
Hardness	31.20	✓		
Alk	26.00	✓		
Iron	0.12	✓		
Total Solids	60.00	✓		
Loss on ignition	29.00			
Fixed solids	31.00			