Pawling 7½' quad

Close 15' quad 15Y, 05N, 10.3E

9-187
July 1918

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

See P468 + SP84

Town of Patterson

Spring Schedule

SP83

Date 5-23-50, 1950 Field No.

Record by D. Grossman from owner Office No.

1. *Location:* State New York County Putnam
Quadrangle Pawling 7½' quad.
¼ sec. T N S R. Brick Hill E W
2. *Owner* Miss Anne T. Keler Address Patterson, N.Y.
Name
3. *Topography* upland, hillside
4. *Altitude* 1100 ft. above below
5. *Kind of rock* quartz schist unconsolidated may come from bedrock
6. *Structure* stringers of quartz.
7. *Openings:* Number Character
Source
8. *Improvements, accommodations* cemented field stone
9. *Yield* Gal. Min. Meas., Rept.
Fluctuation always reliable until it went dry
Dependability last September 1949
10. *Use:* Dom., Stock, Irr., Med., Bath, Bottling 2 houses - 6 people
Quantity in summer only.
11. *Quality:* Good, fair, bad Sample Yes No ✓
Taste, odor, color no taste or odor
Temp. (°F.)
Gases: Quantity Character
Unfit for
Sanitation used for drinking water (cold water) in
12. *Deposits:* Kinds Quantity summertime
Features
Sketch map, analysis analysis (over) on back page analysis

→ see SP84

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For sketch, see SP 84

Spring now dry altho collecting basin has water. Collecting basin is about 6 ft. long x 2 1/2 to 3 ft. wide & about 4 ft. deep freedstone lining. A dug well for drinking water is located about 50 ft. downslope.

Permutit Analysis - Spring (from Beal)

9-27-37 (also see SP 84)

Total hardness -- 40 ✓
Alkalinity --- 52 ✓
CO_2 --- 10
Cl --- 5 3.5 ✓
SO_3 --- 10 12 ✓
Fe. --- 0.2 ✓
Turbidity --- 5 ✓
Color --- 5 ✓
PH - 7.1 ✓
Total Compensated hardness = 2 1/2