9-187
July 1918

Pawling 7½' quad

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Clove 15' quad
Town of Patterson
5Y, 1.6N, 8.5E
SP86

Spring Schedule

Date 5-24-50, 19 50 Field No.

Record by D. Grossman for Louis Redwich Office No.

1. *Location:* State N.Y. County Putnam
Quadrangle Pawling 7½' quad
¼ sec. T N S R. E W
2. *Owner* Louis Redwich Address RFD Patterson
Name
3. *Topography* hillside
4. *Altitude* 550 ft. above below
5. *Kind of rock* sand
6. *Structure* livestock outcrops on U.S. 22 directly downslope.
7. *Openings:* Number Character wooden roof
Source bocling spring. Unconsolidated sand & gravel. a few air bubbles observed rising on surface
8. *Improvements, accommodations* formed concrete basin 8' x 8' x 5' deep plus 1½' of fieldstone (2' out of uphill side)
9. *Yield* Gal. Min. Meas., Rept.
Fluctuation now dry summer 1949 for first time
Dependability
10. *Use:* Dom., Stock, Irr., Med., Bath, Bottling used by 2 families and
Quantity used car floor (wash cars) & tavern & store
11. *Quality:* Good, fair, bad Sample Yes No
Taste, odor, color no taste or odor
Temp. (°F.) 47° meas. 5-24-50
Gases: Quantity Character
Unfit for
Sanitation is 650' uphill in slight terrace
12. *Deposits:* Kinds only about 150' Quantity
Features formed
Sketch map, analysis on back page

Poured concrete lining. Is about 8' x 8' by about 6' deep.
water piped to house by gravity feed.

route 22

Spring Permutit Analysis (from Beal) 12-6-38 Kitchen tap

Total hardness	230	
alk	188	
CO_2	10	
Cl	4	2.8
SO_3	15	17
Fe	0.2	
Turbidity	5	
color	5	
pH	7.5	

Total compensated hardness = 14