Carmel 15' quad
157.87S 7.1E

9-187
July 1918

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

SP96

see P ~~496~~ & 177
P ~~497~~ 178

Vault of Southeast

Spring Schedule

Date 6-6-50, 1950 Field No. ~~SP96~~

Record by G Grossman from Jacob Marz caretaker Office No.

1. *Location:* State New York County Putnam

Quadrangle

¼ sec. T N S R. E W

2. *Owner* Max Dreyfus Address RFD Brewster, N.Y.

Name Dreyfus Farm

3. *Topography* valley

4. *Altitude* 378 ft. above ✓ below sea level

5. *Kind of rock* sand & gravel

6. *Structure* unconsolidated

7. *Openings:* Number Character

Source

8. *Improvements, accommodations* concrete collecting basin 12'x4'x4'. Also steel (1000 gal) tank above.

9. *Yield* Gal. Min. Meas., Rept.

Spring water piped to house

Fluctuation never goes dry.

Dependability

10. *Use:* Dom., Stock, Irr., Med., Bath, Bottling drinking & showers.

Quantity Sample Yes No

11. *Quality:* Good, fair, bad

Taste, odor, color no taste or odor

Temp. (°F.) 47° - cheap thermometer - meas. 6-6-50

Gases: Quantity Character

Unfit for

Sanitation Quantity

12. *Deposits:* Kinds

Features

Sketch map, analysis over on back page ✓

over

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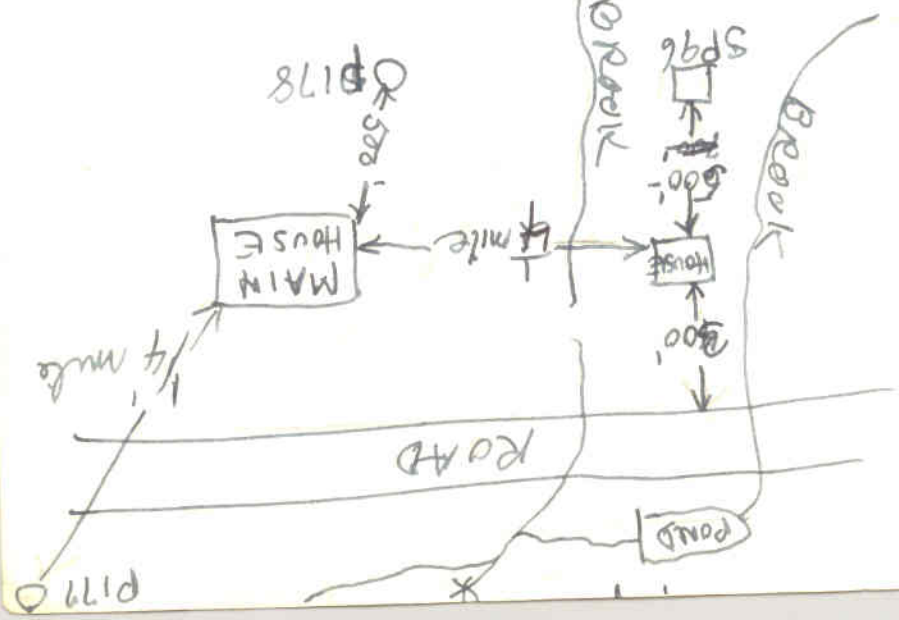
Analysis - Max Dreyfus

Brewster, N.Y. 8-9-39 - outside tap - spring

Total hardness	105	
alk A	115	Outcrops within
CO_2 — —	8	200' of spring
Cl — — —	5 3.5	show contorted
SO_3 —	20 23	granite-gneiss
Fe — —	0.1	(with muscovite)
Turbidity —	0	with stringers of quartz,
Color	10	pink & white feldspar
PH — —	7.4	(monzonite?)
Total comp. hardness	6½