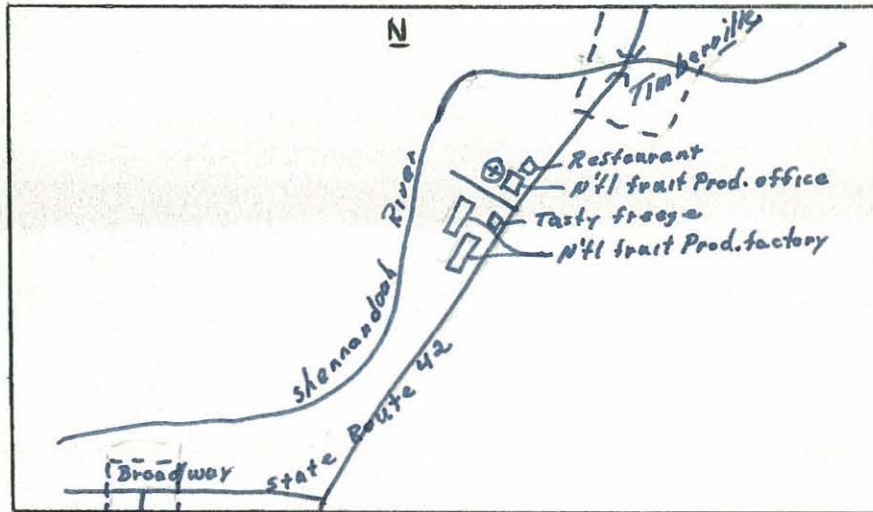


Log # 38 W # --- County Rockingham - 73 Date 6/21/60

Owner National Fruit Products Co. Use Food refrigeration

Location 1/4 mile southwest of city limits, on northwest side of state route 42



Well Data

Driller: Hulbert

Completed: 1943

Total Depth: 537.5'

Static W. L.: 45' (logger)  
44.5 (elec. tape)

Casing: 5 5/8" (depth unknown) 44'?

Bedrock:

Hole Size: 6"

Yield: 50 gpm after 7 hr. test  
Intake @ 412'

H<sub>2</sub>O Temp: 56°

Aquifers: 320', 500' (driller)

Elev: 1170' (Topo.)

Geology: Beekmantown, Lenoir-Mossheim limestone

Instrument Data

SP setting 50 Mv Approx. 60' /min.

Res. " 100 Ohm-m " 60' /min.

Gamma " .01, .005 " 15' /min.

T. C. " 3

Fluid: Fresh water

Running Time 4 Hrs. 30 Mins.

Depth of Log: Elec. 537 ' Gamma 537 '

Ground Electrode 5' in water down hole

Remarks Brackish-saline water reported from 300 to 412 feet.

Logger 12 volt battery replaced.

Power lines surround well site.

H<sub>2</sub>O sample collected by Sydnor 4/27/60 - office analysis 6/22/60

H<sub>2</sub>O has heavy, granular sediment - analysis on back.

Logged By DeKay and Frankfort

Office Analysis of H<sub>2</sub>O sample taken by Snyder (Sydnor) at 420'

with sediment settled out: Fe 1.1, pH 6.8  
hardness 530 ppm

with sediment agitated; Fe 8.0 pH 7.5  
hardness 445 ppm  
Cl 37.5 ppm

during Fe test strong odor of H<sub>2</sub>S was noticed - acid reaction

Mineral analysis (Baetcke) - qtz, ls, Dol, Fe stain, organic matter