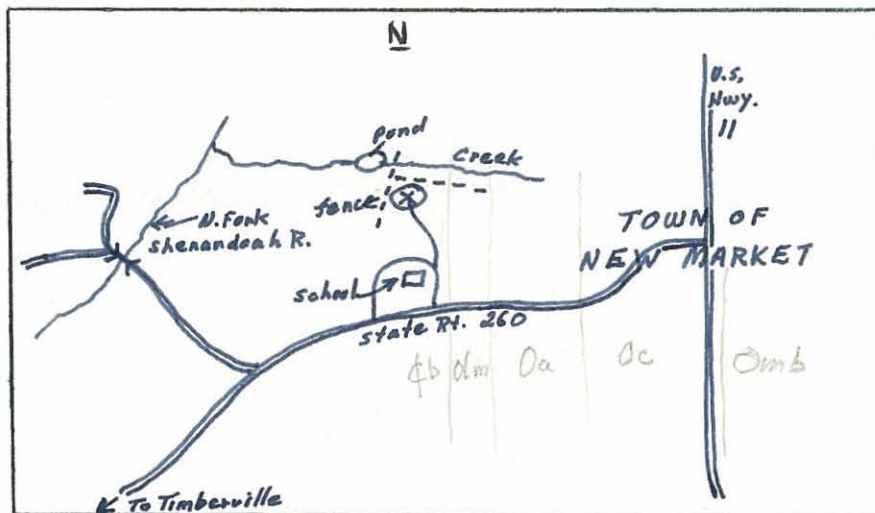


Log # 34 W # 420 County Shenandoah - 45 Date 1/25/60

Owner Town of New Market Use Public Supply

Location .8 mile west of U. S. Highway 11 and .15 mile north of State route 260, behind school.



Well Data

Driller: Sydnor Pump & Well Co.

Completed: 1/20/60 12/3/59

Total Depth: 225'

Static W. L.: 42'

Casing: Approx. 100' (92' actually)

Bedrock: 21'?

Hole Size: 10" (6 1/4" 90-225')

Yield: Approx. 200 gpm (270 max)

H₂O Temp: 52° F.

Aquifers: 223-225'

Elev: 975'

Geology: cb - near contact with olm to east.

Instrument Data

SP setting 100 Mv Approx. 60'/min.

Res. " 200 Ohm-m " 60'/min.

Gamma " .005 Mr " 13'/min.

T. C. " 3

Fluid: Fresh water

Running Time 1 Hrs. 45 Mins.

Depth of Log: Elec. 225' Gamma 225'

Ground Electrode Down hole, 3' in water

Remarks Specific capacity has not been computed; maximum yield will be determined when the turbine pump is installed - Yield may be 1200 gpm.

Located by Ramsey who recommended 500-600' might → 100 gpm
pH tested w/ litmus = 6.0 39' d'd @ 150 gpm

Logged By DeKay & Hall