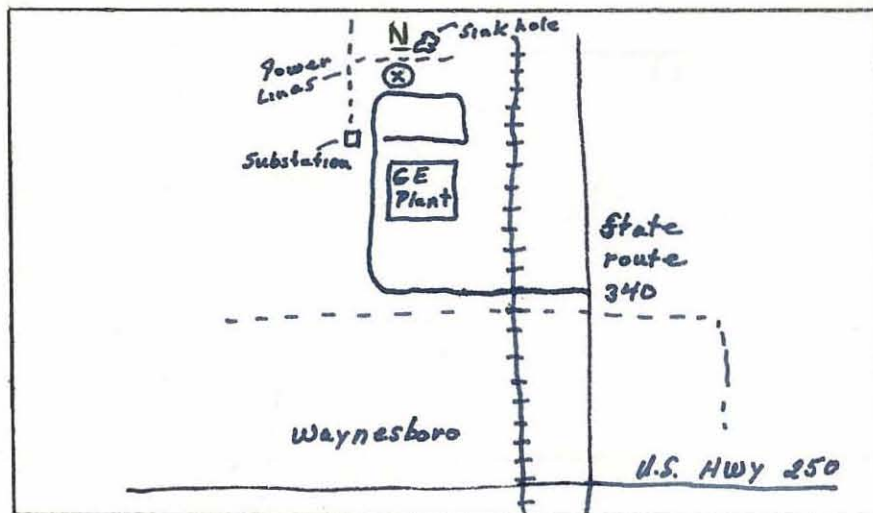


Log # 37 W # 415 County Augusta - 84 Date 4/25/60

Owner G. E. Plant, Waynesboro Use Industrial

Location On northern city limits, approximately $\frac{1}{4}$ mile west of state
route 340.



Well Data

Driller: Sydnor (J. Snyder)

Completed: 4/21/60

Total Depth: 750' (Driller) 732' (Log)

Static W. L.: 11.085' (from top of casing \neq 14" + G.L., E side)

Casing: 115' (Log)

Bedrock: \neq SWL

Hole Size: 12"

Yield: 567 gpm (30 hr. test)

H₂O Temp: 58°F @ 50' in H₂O

Aquifers: 250/m 200-400', 307/m 400-600', 567/m 600-750'.

Elev: \neq 1260' (topo).

Geology: ~~Gw~~ (and ~~St?~~)

Instrument Data

SP setting 50 Mv Approx. 60'/min.

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

Gamma " .01 & .025 Mb " 13'/min.

T. C. " 3

Fluid: Fresh H₂O

Running Time 3 Hrs. 30 Mins.

Depth of Log: Elec. 732 ' Gamma 730 '

Ground Electrode Down hole 2' in water.

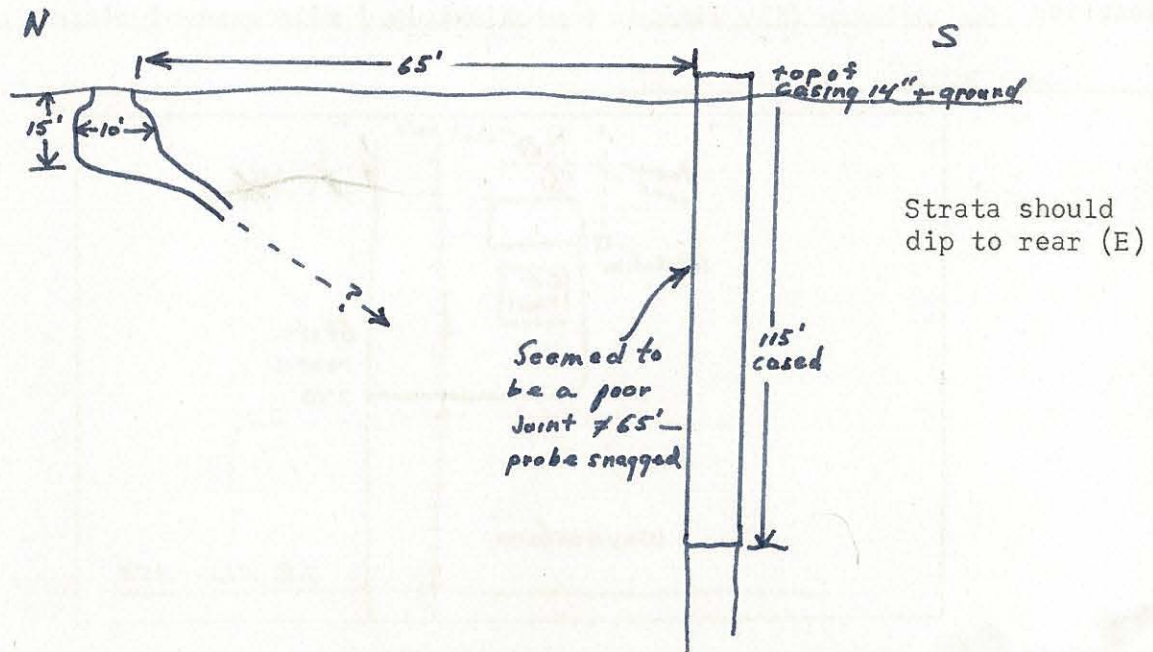
Remarks Extremely sensitive fms - particularly \gt 400' Sink hole (over)

Bad joint (?) \neq 65' - probe hung on way up.

Power lines and substation nearby.

Well reported cleaned to 750' 4/18/60 - 18' silted up in 2 days

Logged By DeKay and Hall



Surge Test

w/ Turbine running @ \neq 1400 RPM
sucked air in 50 sec.

- 1-25 sec. got tan water.
- 25-31 sec. got very clear H₂O (bacteria in analyses).
- 31-50 ssec. got brown and thicker H₂O.

Samples of water collected at different depths (400, 600, 750) and different dates (1/26, 3/8, 4/8) show very clear water with no sediment whatsoever from 1st 2 - H₂O collected when well was 750' is full of sed. after 30 hrs. pump test. Relation to sink hole?