

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Q1-1 Q155-1
elev. 51

WELL SCHEDULE

Date February 8, 19 54 Field No. 1-8
Record by B. G. Nead & TRAW '55 Office No. Q1-1
Source of data Hugh Collins (by phone) Well Comp. Rpt.

Q155-1

1. Location: State Delaware County Sussex
Map 1/4 1/4 sec. T S R N E W

2. Owner: Del. Police Chief Address Bridgeville, Del.
Assn.
Tenant Camp Barnes Address Nr. Hayward, Del.
Driller White Address Lincoln, Del.

3. Topography Coastal plain
4. Elevation 5 ft. ^{above} Sea level
5. Type: Dug, drilled, driven, bored, jetted, 6/27/53
6. Depth: Rept. 117 ft. Meas. Capped ft.

7. Casing: Diam. 4 in., to _____ in., Type _____
Depth 115 ft., Finish 10" #20 Screen
8. Chief Aquifer _____ From _____ ft. to _____ ft.

9. Water level 6 ft. rept. 6/27 19 53 ^{above} L.S.D.
Top of casing which is 1.5 ft. ^{above} surface

10. Pump: Type None (at present) Capacity _____ G. M.
Power: Kind _____ Horsepower _____

11. Yield: Flow _____ G. M., Pump _____ G. M., Meas., Rept. Est. _____
Drawdown _____ ft. after 8 hours pumping 100 G. M.

12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs. used to fill swimming
Adequacy, permanence pool

13. Quality Fair Temp _____ °F.
Taste, odor, color Fair-irony Sample Yes _____ No _____
Unfit for _____

14. Remarks: [Log] Analyses, etc.) Hugh T. Collins
Bridgeville, Del. Summer Caretaker
Bridgeville 631.

(see Supplementary Data)

- 0 - 2 fill and top soil
- 2 - 4 sandy clay (red)
- 4 - 7 clayey yellow sand
- 7 -14 fine white sand and silt
- 14 - 20 light gray sand and silt
- 20 -26 brownish colored silt and Fool's Gold
- 26 -52 blue gray clay
- 52 -55 gray muddy sand and gravel
- 55 -72 dirty light gray sand and silt
- 72 -79 fairly coarse buff sand and gravel some silt and clay, rather dirty.
- 79 -87 light gray sandy clay with rather coarse sand
- 87 -93 sand and gravel mixed in silt and clay balls (gray clay)
- 93 -100 buff colored silty sand
- 100 -106 fine white sand and silt
- 106 -108 some silt coarse sand and small gravel
- 108 -111 light gray sandy clay
- 111 -117 sand and gravel, some silt-fine to very coarse sand and small gravel (white)

Q155-1