

(October, 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Id 53-4

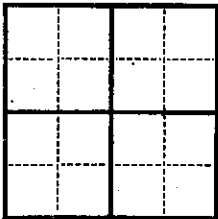
Dover, Del. Power Plant - Test No. 1

WELL SCHEDULE

Date 9/28, 19 60 Field No. _____
Record by R. R. Jordan Office No. _____
Source of data _____

1. Location: State Delaware County Kent
Map Dover
_____ $\frac{1}{4}$ _____ $\frac{1}{4}$ sec. _____ T _____ N _____ R _____ E _____
2. Owner: City of Dover Address Dover, Del.
Tenant _____ Address _____
Driller Layne N. Y. Address Linden, N. J.

3. Topography ACP
4. Elevation 35 ft. above S. L.
5. Type: Dug, drilled, driven, bored, jetted 9/28/60
6. Depth: Rept. 530 ft. Meas. _____ ft.
7. Casing: Diam. 12 in., to _____ in., Type steel
Depth _____ ft., Finish 42' (reported)
8. Chief Aquifer Eocene From 300 ft. to 367 ft.
Others Frederica & Cheswold



9. Water level _____ ft. rept. _____ above _____ below _____
_____ which is _____ ft. above _____ below surface
10. Pump: Type _____ Capacity _____ G. M.
Power: Kind _____ Horsepower _____
11. Yield: Flow _____ G. M., Pump _____ G. M., Meas., Rept. Est.
Drawdown _____ ft. after _____ hours pumping _____ G. M.
12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs. _____
Adequacy, permanence _____
13. Quality _____ Temp _____ °F.
Taste, odor, color _____ Sample Yes _____ No _____
Unfit for _____ *K.W. - existing*

14. Remarks: (Log, Analyses, etc.) (-Electric log not possible because of poor hole conditions.)

- 0-2 Top soil
- 2-15 Yellow sandy clay
- 15-30 Fine greenish-yellow sandy clay
- 30-42 Fine to medium gray sand
- 42-61 Hard packed gray sand with streaks of blue clay and wood
- 61-95 Blue clay with streaks of sand
- 95-158 Blue-brown clay with streaks of shells hard packed and sand
- 158-160 Fine gray sand and shells
- 160-168 Blue-brown clay and shells
- 168-200 Fine gray sand and shells with streaks of blue clay
- 200-300 Blue clay with some shells
- 300-347 Fine gray-black sand some shells hard packed
- 347-367 Fine gray sand, streaks of brown-green clay
- 367-490 Greenish-gray-black silty sand and streaks of shells
- 490-511 Greenish-gray clay with streaks of hard pan

*desc. Log, W.P. Completion data found OK 4-25
6/13/83 C.P.C. 151*

Id 53-4