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(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date February 8, 1954 Field No. 3-8
Record by B. G. Nead Office No. Pj-2
Source of data Theodore Mitchell - Ch. Petty Officer
and Well Comp. Report

Chief Cooper in charge 6/24/55
1. Location: State Delaware County Sussex

Map 1/4 sec. T. N R. S E. W

2. Owner U.S. Coast Guard Address Indian River Inlet
Town Guard Station Address 2 mi. North of Inlet
Diner White Address Lincoln, Del.

3. Topography Coastal Plain

4. Elevation 5.80 ft. above Sea Level

5. Type: Dug, drilled, driven, bored, jetted 11/27 53

6. Depth: Rept. 505 ft. Meas. _____ ft.

7. Casing: Diam. 3 in., to _____ in., Type _____
Depth _____ ft., Finish _____

8. Chief Aquifer _____ From _____ ft. to _____ ft.

9. Water level 4.90 ft. meas. June 24 1955 M.P.
sec. which is 1.95 ft. above surface

10. Pump: Type None 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: Salt Water only Temp. _____
Taste, odor, color _____ Sample Yes _____ No _____

14. Remarks: (Log, Analysis, etc.) A small 1 1/2" driven
well installed near the inlet well
which has been used for drinking water
is rain preserved in a cistern.

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- 0 - 2 Fill and dry sand
- 2 - 8 Water sand
- 8 - 17 Sand and marshy fin.
- 17 - 81 Muddy white sand
- 81 - 89 yellow sand & gravel
- 89 - 105 Clay, sand and sandy clay
(Yellow, white and gray)
- 105-140 silt, fine sand and small gravel
(white with yellow water)
- 140-152 dark gray muddy sand and gravel
- 152-187 dark gray clay & sandy clay (Marl)
- 187-202 silty, muddy, fine and very
fine gray sand
- 202-212 fine silty gray sand
- 212-220 gray silt and clay balls
- 220-250 gray silt and very fine sand
- 250-264 brown silt with very fine sand
(very small pieces of brown clay)
- 264-360 very fine gray sand and silt
- 360-505* silt, clay and layers of very fine
silty sand and layers of small shell

*at 440, 445, 490, and 503 a very hard layer was hit, each depth being no more than one foot thick, except the last. Starting at 503, to 505, and below an even harder layer was found. at 505, drilling was stopped.

Significant reference(s) to this well:

Bull 4 p. 245, Bull 8 p. 212-213

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