

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

WELL SCHEDULE

Date April 1, 1959 Field No. QJ 32-10  
Record by R. R. Jordan Office No. \_\_\_\_\_  
Source of data \_\_\_\_\_

1. Location: State Delaware County Sussex  
Map Bethany Beach  
1/4 1/4 sec. T N R 8 E W  
2. Owner: Bethany Beach Address Bethany Beach, Del.  
Tenant \_\_\_\_\_ Address \_\_\_\_\_  
Driller Middletown Well Drillers, Address Odessa, Del.

3. Topography Coastal Plain

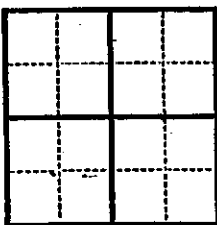
4. Elevation 5 ft. above S. L.

5. Type: Dug, drilled, driven, bored, jetted 1959

6. Depth: Rept. 257' 6" ft. Meas. 257' 6" ft.

7. Casing: Diam. 8 in., to \_\_\_\_\_ in., Type \_\_\_\_\_

Depth 191 ft., Finish 25' of 8" SCREEN



8. Chief Aquifer \_\_\_\_\_ From 186 ft. to 215' ft.

Others Those above probably salty.

9. Water level 3-5 ft. rept. April 1, 1959 above S. L.

\_\_\_\_\_ which is \_\_\_\_\_ ft. above surface

10. Pump: Type \_\_\_\_\_ Capacity \_\_\_\_\_ G. M.

Power: Kind \_\_\_\_\_ Horsepower \_\_\_\_\_

11. Yield: Flow \_\_\_\_\_ G. M., Pump 475 G. M., Meas., Rept. Est. \_\_\_\_\_

Drawdown 42 ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ G. M.

12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs. \_\_\_\_\_

Adequacy, permanence \_\_\_\_\_

13. Quality Water from 186-215 fresh but Temp \_\_\_\_\_ °F.

Taste, odor, color \_\_\_\_\_ iron. Sample Yes \_\_\_\_\_ No \_\_\_\_\_

Unfit for \_\_\_\_\_

14. Remarks: (Log, Analyses, etc.) Electric log by D. G. S.

SAMPLE NOS 30024-30039

Chlorides 7/74 - DNREC 30 ppm

class 5' QJ 32-10

- 0-26' Sand, tan, coarse, poorly sorted, pebbles and granules.
- 26-38' Clay, blue, many shells, silty.
- 38-61' Sand, light gray, coarse, granules & pebbles.
- 61-75' Clay, blue-gray, silty.
- 75-83' Clay, blue-gray; driller: tougher than above.
- 83-94' Clay, dark blue-gray, some woody material.
- 94-101' Sand, light gray, coarse, poorly sorted, granules and pebbles.
- 101-104' Clay, light green, silty.
- 104-134' Sand, light gray, coarse, some granules & pebbles, poorly sorted.
- 134-142' Clay, light green, silty.
- 142-145' Clay, light green, silty, with woody material.
- 145-175' Sand, light gray, coarse, poorly sorted, granules & pebbles.
- 175-186' Clay, dark brown, silty, some lignite.
- 186-215' Sand, light gray, medium to coarse, some granules, fair sorting.
- 215-220' Clay, blue-gray, silty.
- 220-257' 6" Sand, light gray, medium-coarse, some granules & pebbles.

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