

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

PC45-1

WELL SCHEDULE

Date May 20, 19 55 Field No. 4  
Record by R. A. Wilkens Office No. PC-19  
Source of data R. A. Wilkens

1. Location: State Delaware County Sussex  
Map About 2 1/2 miles South of Seaford on old Rt. 13

2. Owner: State Historical Dept. Address Newark.  
Tenant \_\_\_\_\_ Address \_\_\_\_\_  
Driller Dick Howell Address \_\_\_\_\_

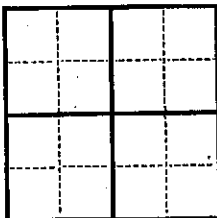
3. Topography Coastal Plain

4. Elevation 4.3 ft. <sup>above</sup> msl  
ages <sup>below</sup>

5. Type: Dug, drilled, driven, bored, jetted 5/8 19 55

6. Depth: Rept. \_\_\_\_\_ ft. Meas. 99 ft.

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



8. Chief Aquifer \_\_\_\_\_ From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Others \_\_\_\_\_

9. Water level \_\_\_\_\_ ft. <sup>rept.</sup> 19 <sup>above</sup> below surface  
which is \_\_\_\_\_ ft. <sup>above</sup> 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. Pleistocene Test

Adequacy, permanence Hole filled in.

13. Quality \_\_\_\_\_ Temp \_\_\_\_\_ °F.

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

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

14. Remarks: (Log) Analyses, etc.)

NOTEBOOK SHEET LAW

Name R. A. Wilkens Date May 20, 1955

Test #	Description
Test #4	(PC 19) PC45-1 elev. 43'
0-1'	top soil
1) 0-5'	↑ light yellow-brown medium sand.
2) 5-8'	↑ <sup>(Parsonburg sand)</sup> same, a little more brown in color.
3) 8-12'	↓ light brown coarse sand.
4) 11-15'	↑ clayey gray coarse sand, some gravel (hit gravel at 12' but didn't bring any up.
5) 13-18'	same as above
6) 18-23'	yellowish-brown coarse sand.
7) 23-30'	yellowish brown coarse sand, more orange colored from 23-25'
8) 30-35'	white & yellow-brown medium to coarse sand mixed
9) 35-42'	yellow brown, fine to coarse sand (Pulled augers at 25' and at 45')
10) 42-54'	Yellow-brown clayey sand, medium to coarse, with patches of white sand and yellowish clay. <u>Beaverdam sand</u>
58-59'	no sample; probably water washed it off.
11) 59-69'	yellow-brown medium to coarse sand.
12) 69-84'	yellow-brown med. to coarse sand. more clay, yellow, 80-82.
13) 84-99'	yellow-brown med. to coarse sand.

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