

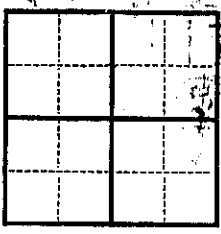
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date September 30, 1953 Field No. Pf34-1
 Record by R.A. Wilkens Office No. Pf3
 Source of data O.J. Costaky

1. Location: State Delaware County Sussex
 Map _____
 2. Owner: Coop. of W. Poplar Creek T NR S NR E W
 Tenant Coop. of W. Poplar Creek Address _____
 Driller State Geol. Survey Address Newark, Del.

3. Topography _____
 4. Elevation 42.5 ft. above MSL
 5. Type: Pipe driven, bored, jetted 9/29 1955
 6. Depth: Rept. _____ ft. Meas. 89 ft.
 7. Casing: Diam. 3 in., to _____ in., Type _____
 Depth _____ ft., Finish _____
 8. Chief Aquifer _____ From _____ ft. to _____ ft.



9. Water Level _____ ft. rept. _____ ft. meas. _____ ft. above _____ ft. below surface
 10. Pump: Type Name _____ 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. Test Hole
 Adequacy, permanence Abandoned, filled
 13. Quality _____ Temp _____ °F.
 Taste, odor, color _____ Yes _____ No _____
 Sample No _____
 Unfit-for _____

14. Remarks: Log Analyses, etc.

STAKEY SEPT. 29, 1955	T. Hole 432/113	Pf34-1
0-6"	Top soil	
6"-1'	SAND, MEDIUM, BROWN GRAY	
1'-3'	SAND, MEDIUM - BROWN TO BROWN GRAY	
3'-4'	SAND, MEDIUM, DEEP BROWN	
4-4.5'	SAND, MEDIUM, DEEP BROWN, CLAYEY	
4.5-5.5'	SAND, MEDIUM, BROWN TO GRAY, SOME CLAY	
5.5-6'	CLAY, GRAY, SANDY	
6-7'	SAND, MEDIUM, BROWN TO GRAY, CLAY PELLETS (TO COARSE)	
7-8'	SAND, MEDIUM, GRAY BROWN	
8-9'	SAND, MEDIUM TO COARSE, TAN, WITH GRANULES & GRAVEL	
9-9.5'	SAND, MEDIUM TO COARSE, GRAY WITH GRANULES & GRAVEL (MOIST)	
9.5-10'	SAND, MEDIUM, GRAY, CLAYEY	

Pf 34-1 (Cont'd)

(2)

10-10.5	SAND, MEDIUM TO COARSE, ORANGE BROWN	44-54	SAND, MEDIUM TO COARSE, BROWN TO ORANGE BROWN, SILTY, WITH GRANULES & GRAVEL
10.5-12	SAND, FINE TO MEDIUM, TAN SILTY & CLAYEY (WATERY)	54-55	SAND, COARSE, GRAY-WHITE, SILTY
12-12.5	CLAY, SANDY, GRAY, TO ORANGE BROWN	55-59	SAND, MEDIUM TO COARSE, YELLOW BROWN TO ORANGE BROWN, SILTY, GRANULES & PEBBLES
12.5-14	SAND, MEDIUM TO COARSE, TAN SILTY, WITH GRANULES AND SOME GRAVEL (WATER)	* 59-63	SAND, MEDIUM TO COARSE (COARSE SAND PREDOMINANT), BROWN & ORANGE BROWN, GRANULES & GRAVEL
* 14-16	SAND, MEDIUM TO COARSE, TAN, WITH SPECKS OF WHITE & BLACK, SILTY	63-68	SAND, COARSE, YELLOW BROWN & ORANGE BROWN, GRAVEL
16-18	SAND, MEDIUM TO COARSE, YELLOW BROWN, WITH WHITE PARTICLES & GRANULES, SILTY	68-69	SAND, MEDIUM TO COARSE, ORANGE BROWN
18-19	SAND, MEDIUM TO COARSE, DUFF TO TAN, SILTY	* 69-72	SAND, MEDIUM TO COARSE, TAN TO ORANGE BROWN
* 19-22	SAND, MEDIUM TO COARSE, BUFF, SILTY, WITH GRANULES & PEBBLES (SOME)	72-75	SAND, FINE TO MEDIUM, GRAY BROWN AND TAN, SILTY, FILLED WITH BLACK SPECKS

Pf 34-1 (Cont'd)

(d)

22-23 SAND, MEDIUM, BUFF TO TAN, SILTY, WITH SOME GRANULE SIZED PARTICLES

23-24 SAND, MEDIUM, ORANGE BROWN, SILTY

* 24-29 SAND, Do

* 29-33 Do

33-34 SAND, MEDIUM, BROWN, SILTY

* 34-36 SAND, MEDIUM, BROWN TO GRAY, SILTY

36-39 SAND, MEDIUM TO COARSE, BROWN TO ORANGE BROWN

* 39-43 Do

43-45 SAND, MEDIUM, YELLOW BROWN, SILTY, SLIGHTLY CLAYISH

45-47 SAND, MEDIUM TO COARSE, YELLOW BROWN, SILTY

* 47-49 SAND, MEDIUM, YELLOW BROWN, CLAYEY

Pf 34-1 (Cont'd)

(d)

75-79 SAND, FINE TO MEDIUM, GRAY BROWN, FILLED WITH SMALL BLACK PARTICLES, SILTY

* 79-84 SAND, MEDIUM TO COARSE, ORANGE BROWN, GRANULES AND GRAVEL

84-85 SAND, MEDIUM TO COARSE, TAN, GRANULES & GRAVEL

85-89 CLAY, BLACK, SLIGHTLY SANDY

(*) (B)