

9-185
(October 1959)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date 3/18, 19 64 Field No. loc. 24
Record by R. R. Jordan Office No. EC-13-13
Source of data at site, driller

1. Location: State Del. County New Castle
Map Delaware City N 576 550 E 443 355

1/4 sec. T S R E
2. Owner: TWOC Address Del. City

Tenant _____ Address _____
Driller A. C. Shultes Address Woodbury, N. J.

3. Topography ACP

4. Elevation 14 ft. above MSL

5. Type: Dug, drilled, driven, bored, jetted 3/18/64

6. Depth: Rept. 255 ft. Meas. 255 ft.

7. Casing: Diam. None in., to _____ in., Type _____
Depth _____ ft., Finish _____

8. Chief Aquifer None From _____ ft. to _____ ft.

Others _____

9. Water level _____ ft. rept. _____ 19 _____ above
_____ below

_____ which is _____ ft. above
_____ below 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.

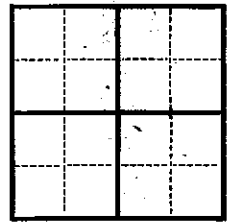
12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs. exploratory
Adequacy, permanence to be abandoned

13. Quality _____ Temp _____ °F.

Taste, odor, color _____ Sample Yes
_____ No

Unfit for _____

14. Remarks: (Log, Analyses, etc.) E logs, drillers log, map
attached. Water for drilling fluid 5 ppm CL



Well Log

EC 13-13

0-19' Sandy brown clay
19-92 Black clay
92-100 White clay
100-106 Sand
106-118 Sand, laminated thin layers of
clay.
118-129 White clay
129-133 Clay, hard, red and white
133-143 Sand, laminated thin layers of
clay
143-150 Sand, fine to medium
150-151 Hard pan
151-176 Clay (red)
176-183 Hard sandy clay, red and black
183-186 Sand
186-194 Clay with layers of sand
194-199 Sand
199-203 Clay
203-215 Sand, coarse
215-241 Clay, red
241-246 Clay, white
246-253 Sand
253-259 Clay

Edge of Kelly box. grade above. 4' below.

Well Log

3-17-64

Capillary
0-19 1/2
19-92

92-100
100-106

106-118

118-129

129-133

133-143

143-150

150-151

151-176

176-183

183-186

186-194

194-199

199-203

203-215 1/2

215 1/2 - 241

241-246
203'

246-253

253-259

Sandy brown clay

Black clay

white clay

Sand

sand laminated thin layers of clay

white clay

clay, hard, red and white

sand laminated thin layers clay

Sand fine to medium

Hard pan

Tough clay (red)

Hard sandy clay - red and

Sand

Clay with layers of sand

Sand

Clay

Sand - coarse

clay - red

clay - white

Possibly bearable for 250,000 bit lot
appears that this matl. N.G. for large pit

Sand

clay

Is this matl suitable for mfg?

15' good matl but not thick enough

33' good bit matl
Need min of 70'