Atlanta

piston pump

FORM 9-1642
(1-68)

Well No. N16

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTER

MASTER CARD

Record by PGG Source of data Date 6/59 Map Atlanta

State 28 County (or town) Chickasaw 09

Latitude: 33 deg 47 min 57 sec N Longitude: 089 degrees 02 min 39 sec Sequential number: 1

Lat-long accuracy: 3 T 15 S R 1 E W, Sec 1, SW ¼, SE ¼, SW ¼ B & M

Local well number: N016DC01 15S01E Other number:

Local use: 021 Owner or name: J. T. Sumerall & Sons

Owner or name: J T SUMERALL Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (N) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other 3 houses H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: Q Field aquifer char.

Hyd. lab. data:

Qual. water date; type: USGS 10-1-59 / 6-10-60 C

Freq. sampling: Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1318 Meas. rept 6

Depth cased: (first perf.) 1255' or 1276 ft 1255 Casing type: ; Diam. 4x2 accuracy in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other P

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 9 57 Pump intake setting: ft

Driller: HERNDON (name), (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, submerg, (S) turb, (T) other P Deep Shallow

Power (type): diesel, (elec.), nat gas, gasoline, LP gas, hand, wind; H.P. 3/4 S Trans. or meter no.

Descrip. MP 380 ~~380~~ '(10/89) ft above below LSD, Alt. MP

Alt. LSD: ? 370 ? Accuracy: (source)

Water Level ft above below MP; Ft above below LSD 110 Accuracy: G

Date meas: 9-57 9 57 Yield: gpm 2 Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron 0.38 ppm Sulfate 0.0 ppm Chloride 100 ppm Hard. 14 ppm

Sp. Conduct 997 K x 10^6 4 Temp. 67 °F 67 Date sampled 6 6 0

Taste, color, etc. Soft

DS = 641

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Latitude-longitude ___ d ___ m ___ s ___ N/S ___ d ___ m ___ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: ______ [20–21] 0 3 Section: ______

[22] D Drainage Basin: ______ [23–25] 1 3 E Subbasin: ______ [26] ☐

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (⌀) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ______ [27] ☐

MAJOR AQUIFER: ______ system, ______ series [28–29] K 3 ______ aquifer, formation, group [30–31] E Z

Lithology: ______ [32–33] 5 Origin: ______ [34] 6 Aquifer Thickness: ______ ft

[35–37] ☐ Length of well open to: 42 or 63 ft [38–40] 6 3 Depth to top of: ______ ft [41–43] ☐

MINOR AQUIFER: ______ system, ______ series [44–45] ☐ ______ aquifer, formation, group [46–47] ☐

Lithology: ______ [48–49] ☐ Origin: ______ [50] ☐ Aquifer Thickness: ______ ft

[51–53] ☐ Length of well open to: ______ ft [54–56] ☐ Depth to top of: ______ ft [57–59] ☐

Intervals Screened: perf. pipe 2 or 3 joints

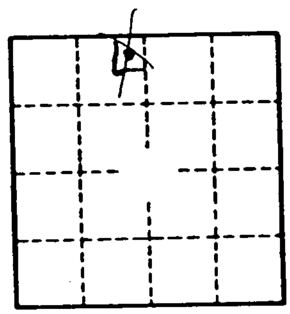
Depth to consolidated rock: ______ ft [60–63] ☐ Source of data: ______ [64] ☐

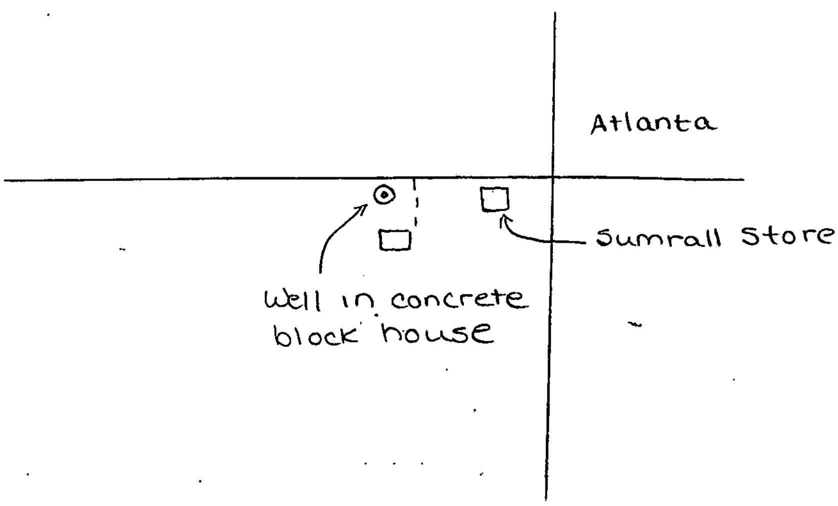
Depth to basement: ______ ft [65–68] ☐ Source of data: ______ [69] ☐

Surficial material: ______ [70–71] ☐ Infiltration characteristics: ______ [72] ☐

Coefficient Trans: ______ gpd/ft [73–75] ☐ Coefficient Storage: ______ [76–78] ☐

Coefficient Perm: ______ gpd/ft^2; Spec cap: ______ gpm/ft; Number of geologic cards: ______ [79] ☐





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GPO 937-142