FORM 9-1642 (1-68)

Well No. S4

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by ______ Source of data: WSP 576 Date ______ Map ______

State: 320630 [2 8] County (or town): 0903728 Hinds [2 5]

Latitude: 320616 N (N) S Longitude: 0903741 Sequential number: 1

Lat-long accuracy: 2 T ___ N/S, R ___ E/W, Sec ___, ___ ¼, ___ ¼, ___ ¼ B & M

Local well number: S004 17033N04W Other number: ______

Local use: ______ Owner or name: Town of Utica

Owner or name: UTICA Address: at water works just north of Y & M.V. RR

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

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

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

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

Hyd. lab. data: ______

Qual. water data; type: W. F. Hand (U. of Miss.) #35810 — C

Freq. sampling: ___ Φ Pumpage inventory: yes/no, period: ______

Aperture cards: ______ yes

Log data: ______

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 221 1/2 ft [222] Meas. / rept ___ accuracy

Depth cased (first perf.): ___ ft Casing type: ___; Diam. ___ in 8

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

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 — D

Date drilled: 913 Pump intake setting: ___ ft

Driller: ___ name, ___ address

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

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

Descrip. MP ___ ft above/below LSD, Alt. MP ___

Alt. LSD: 296 Accuracy (source): ___

Water level: 130/3 ft above/below MP; ft above/(below) LSD 130 Accuracy: ___

Date meas: 815 Yield: ___ gpm Method determined ___

Drawdown: ___ ft Accuracy: ___ Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10[6] Temp. ___ °F Date sampled ___

Taste, color, etc. ___

Well No. S4

Well No. _____

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: _____ 03 (20–21) Section: _____

_____ D (22) Drainage Basin: _____ (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series TM (28–29) _____ aquifer, formation, group CA (30–31)

Lithology: _____ UV (32–33) Origin: _____ 3 (34) Aquifer Thickness: _____ ft

18 (35–37) Length of well open to: _____ ft (38–40) Depth to top of: _____ ft 145 (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: _____

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)

Well No.

GR

GPO 937-142