FORM 9-1642
(1-68)

Well No. S2

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by _____ Source of data _____ Date _____ Map Utica East

State 40 | 28 | County (or town) Hinds 03 | 25

Latitude: 32 05 23 N S | Longitude: 090 36 09 | Sequential number: 1

Lat-long accuracy: 2 | T 3 N S, R 4 E W Sec 15 22 ¼, SW ¼, SW ¼ NW/NW/NE/NW B & M

Local well number: S002AB2803NOAW | Other number: _____

Local use: 064 D57 14 | Owner or name: Town of Utica

Owner or name: UTICA | Address: Harold Simmons

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

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 — AB

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.: _____ | Field aquifer char. Y

Hyd. lab. data: _____

Qual. water data; type: U.S.G.S. 10/56

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

Aperture cards: _____ yes

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: _____ ft | 307 | Meas. rept _____ accuracy 6

Depth cased: (first perf.) _____ ft | 267 | Casing type: _____; Diam. 10 & 8 in | 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) 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 _____ — H

Date Drilled: 9 4 5 | Pump intake setting: _____ ft | 190

Driller: Singer Layne Central (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, turb, (T) other, (Z) other _____ | Deep _____ Shallow _____

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ | 5 | Trans. or meter no. _____

Descrip. MP OK ft above/below LSD, Alt. MP _____

Alt. LSD: _____ | 215 | Accuracy: (source) _____ 5

Water Level 11 ft above/below MP; Ft. above/below LSD | 10 | Accuracy: _____

Date Meas: 12/5/57 | D57 | Yield: _____ gpm | 180 | Method determined _____

Drawdown: _____ ft | Accuracy: _____ | Pumping period _____ hrs | 8

QUALITY OF WATER DATA: Iron _____ ppm | Sulfate _____ ppm | Chloride _____ ppm | Hard. _____ ppm

Sp. Conduct _____ K x 10^6 | Temp. _____ °F | 69 | Date sampled | 056

Taste, color, etc. _____

Well No. S2

HYDROGEOLOGIC CARD

Latitude-longitude N S d m s d m s

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, 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: US (32–33) Origin: 3 (34) Aquifer Thickness: ft

52 (35–37) Length of well open to: ft 40 (38–40) 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:

Depth to consolidated rock: ft (60–63) Source of data: (64)

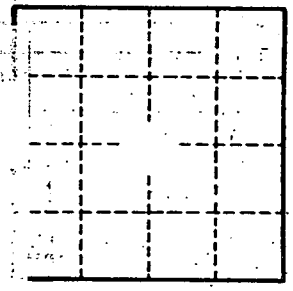
Depth to basement: ft (65–68) Source of data: (69)

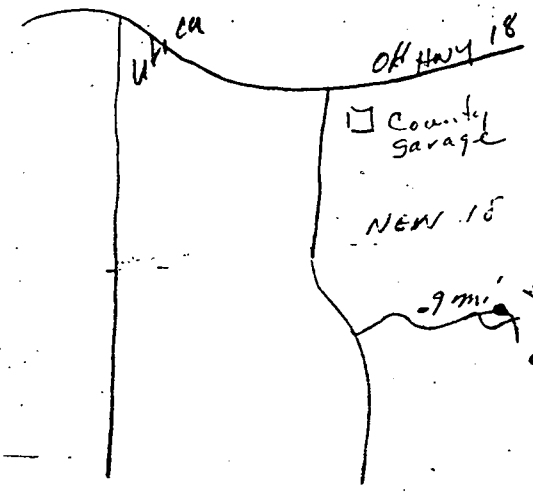
Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft 203 (73–75) Coefficient Storage: 275 (76–78)

Coefficient Perm: 380 gpd/ft^2; Spec cap: 14 gpm/ft; Number of geologic cards: (79)

5/45





Well No. 52

GP.O 937-142