FORM 9-1642
(1-68)

PUNCHED M2A MAR 19 1975

Well No.

APR 30 1975 Elog #3 PUNCHED

WELL SCHEDULE

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

PUNCHED

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WTQ Source of data Obs. Driller Date 4/70 Map

State 28 County (or town) Tallahatchie 6 8

Latitude: 33 56 16 N (deg 7 min 9 sec) Longitude: 089 59 07 (12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 2 T. 24 N, S, R 3 E, W, Sec 21 NW ¼, SW ¼, NE ¼ B & M

Local well number: M 002 C A 21 24 N 03 E Other number:

Local use: 002037 Owner or name: Murphreesboro Wtr. & Sew.

Owner or name: MURPHREESBORO Address:

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

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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Z) Other Water Sample — Z

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

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

Hyd. lab. data:

Qual. water data; type: 1090' 1220' M2a, M2b USGS — C

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

Aperture cards: yes

Log data: Elog 6' - 1495 — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1220 ft 1220 Meas. rept accuracy — 6

Depth cased: (first perf.) ft 1200 Casing type: ; Diam. 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, (W) 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 70 Pump intake setting: ft

Driller: Robert RATLIFF (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 — S; Deep Shallow

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

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 375 Accuracy: (source) Topo — 5

Water Level ft above below MP; Ft above below LSD 100 Accuracy:

Date meas: 4 70 Yield: low 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. "1 gt per foot"

Well No. M2a

Well No. M2a

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: ____ 156 (23–25) Subbasin: ____ (26)

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

MAJOR AQUIFER: ____ system, ____ series TE (28–29) ____ aquifer, formation, group LW (30–31)

Lithology: ____ S (32–33) Origin: ____ 2 (34) Aquifer Thickness: ____ ft

___ (35–37) Length of well open to: ____ ft ___ (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)

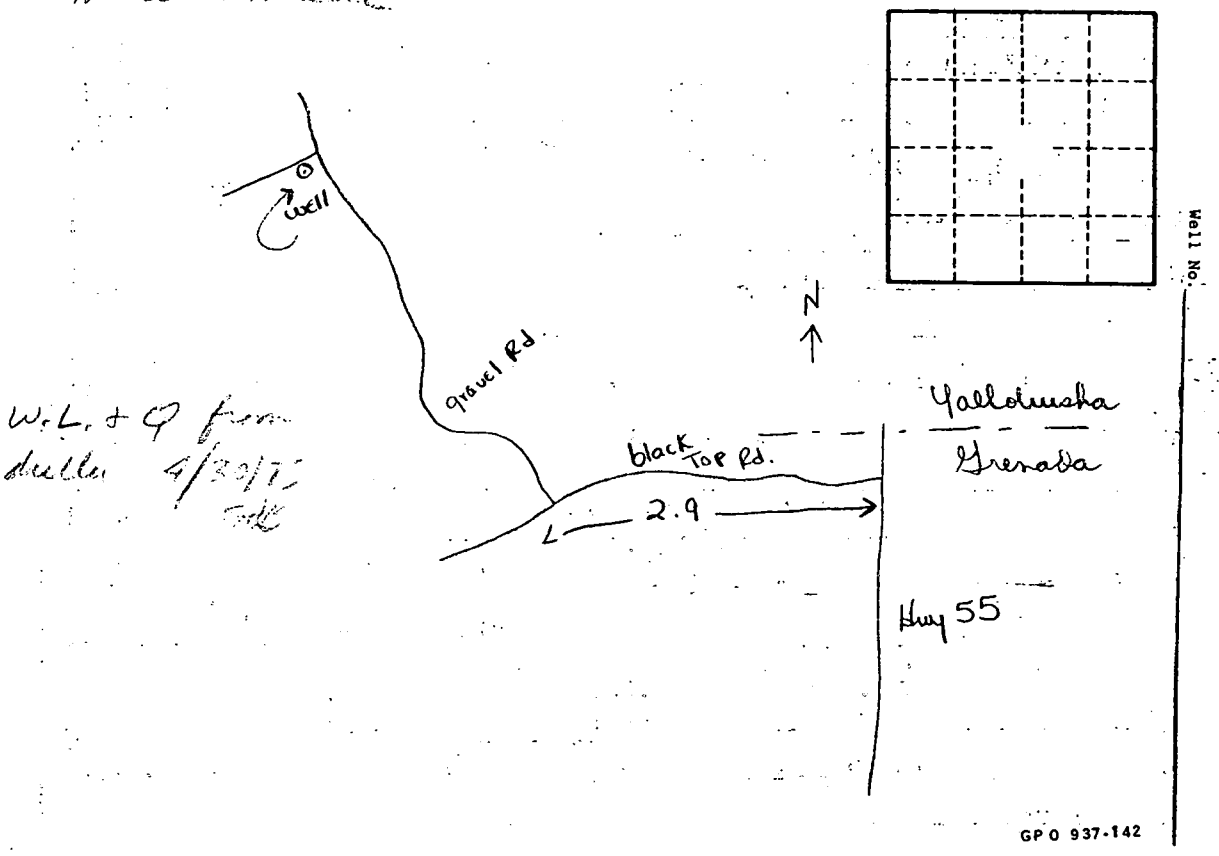
Depth to basement: ____ ft ___ (65–68) Source of data: ____ (69)

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

Coefficient Trans: ____ gpd/ft ___ (73–75) Coefficient Storage: ____ ___ (76–78)

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79)

No well made.



W.L. + Q from driller 4/30/71

GPO 937-142