3221010902740 01

FORM 9-1642
(1-68)

Well No. E 22 MAR 1975

Elog # 34

DOH # 250001-01

GW-15509

WELL SCHEDULE

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

22 E Raymond

PUNCHED MAR 18 1974

MASTER CARD

Record by WTR Source of data Bowl MSGS Date 1/71 Map Raymond

State 28 County (or town) Hinds 25

Latitude: 32 deg 21 min 01 sec N Longitude: 090 degrees 27 min 40 sec Sequential number: 1

Lat-long accuracy: 2 T. 6 N S, R 3 E W Sec 24 NW¼, NE¼, SW¼ B & M

Local well number: F 02 2 AC 24 06 N 03 W Other number:

Local use: 184 Owner or name: Well #1

Owner or name: BOLTON Address: Bolton, Miss.

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 MU — P

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, (S) Destroyed. — W

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

Hyd. lab. data:

Qual. water data; type: MSBOH — P

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

Aperture cards: CCKF — yes

Log data: Elog 10'-1053' — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 950 Meas. rept accuracy — 3

Depth cased: (first perf.) ft 885 Casing type: Steel; Diam. 12¾ in — 12

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: 3/1/71 970 Pump intake setting: ft

Driller: GRINER (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 — T — Deep / Shallow

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 40 — V — Trans. or meter no.

Descrip. MP 216 ~~314~~ 216 ft above / below LSD, Alt. MP

Alt. LSD: 210 Accuracy: (source) topo — 4

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

Date meas: 10 7 71 Yield: gpm 400 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. pH = 8.5 Color 40

1/23/80 WL = 114.56

11/30/89

123.38

Well No.

Well No. E22

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: 1 5 K (23–25) Subbasin:

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

MAJOR AQUIFER: system, series T E (28–29) CCKF aquifer, formation, group C Ø (30–31)

Lithology: U S (32–33) Origin: 2 (34) Aquifer Thickness: 199 ft

Length of well open to: ft (35–37) Depth to top of: 6 5 (38–40) ft 8 1 Ø (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

Length of well open to: ft (51–53) Depth to top of: ft (54–56) (57–59)

Intervals Screened: 6 5/8" 304 S.S.

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

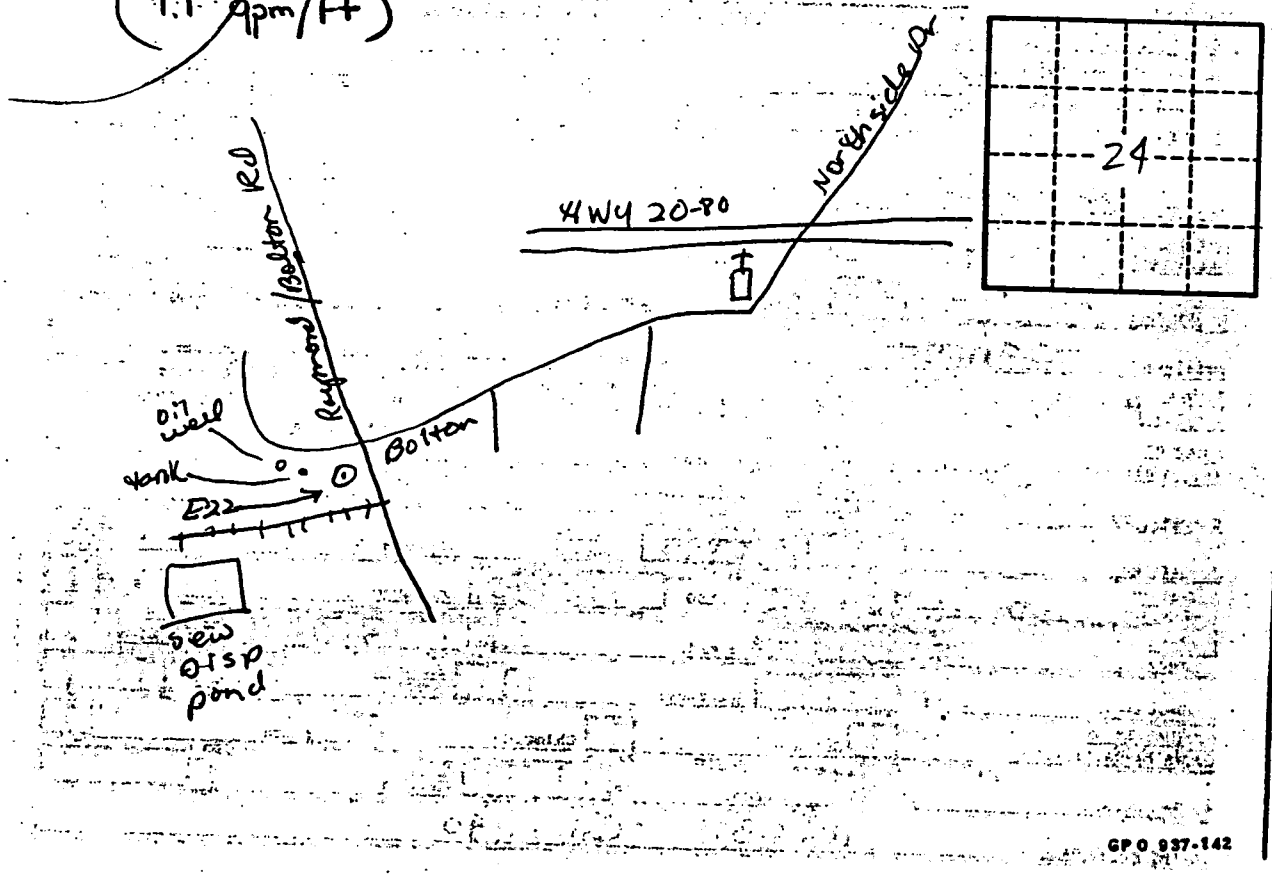
Depth to basement: ft (65–68) Source of data: (69)

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)

(19 gpm/ft)



Well No. E22

GPO 937-142

GWSI UPDATES

Well No E22

County HINDS

Item No	Changed From	Changed To	Requested by Initial	Requested by Date	Updated by Initial	Updated by Date
C9	32 21 01	32 20 55	DEB	11-29	JTE	11-30
C10	090 27 40	090 27 39	"	"	"	

ELOG #346

HINDS
E22
3-71

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

March 19 71 date well completed — Ferner Drilling Service Inc firm name — Hinds county well located

LANDOWNER: Town of Bolton

P O Box 7 Bolton 39041
(mailing address)

WELL LOCATION:
sec. 24 T 6 N S R 3 E W

(distance) miles (direction) of (nearest town)

WELL PURPOSE:
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 12 3/4"
(2) total depth (feet) ~~880'~~ 1053'
(3) static water level (feet) 100 below / above top of ground.
(4) casing Steel (material), 880' (depth)
12 1/4" (size) if telescope see back.
(5) screen 65' (length), 885 (depth to top)
6 5/8" (size), 304 S.S. (material)
(6) pump 40 (HP) 400 (yield gpm)
Elec. (type power)
(7) electric log yes (yes or no)
MFS (organization running log)
(8) how well bottom plugged Back Wash Valve

DRILLERS REMARKS:

description of formations encountered	from	to
Top Soil	0	2
Clay	2	31
Sand	31	60
Clay	60	682
Sand	682	704
Clay	704	810
Sand	810	1009
Clay	1009	1021
Sand	1021	1031
Clay	1031	1039
Sand	1039	1053

CODED

MAR 5 - 1971

MISS BD. OF WATER COMM.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips / Everett DATE: 6/8/94

UNIT DEQ #: 84090 FILE #: BA60818A

HEALTH DEPT. #: 250001-01 ELEV. 213

USGS #: E22 OLWR #: GW-15509

OWNER: City of Bolton Quad: Raymond

LOCATION: NE/SW S 24 T 6N R 3W COUNTY: Hinds

LOCATION DESCRIPTION: Well at base of elevated tank

CASING DIA: _____ PUMP TYPE & SIZE: U.S. Motors; 40 HP

GPS FIELD LOCATION: LAT. 32° 20.907 LONG. 90° 27.681

GPS CORRECTED LOCATION: LAT. 32 20 54.446 LONG. 90 27 39.193
32.3484572 90.46088694

REMARKS: _____

UNITED STATES
PARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY