

321145 N 0161600

DOI # 0250090-02  
OLWR # 6W02699

FORM 9-1642  
(1-64)

Well No. **M94**  
**E-105 # 473**

**WELL SCHEDULE**

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

MASTER CARD **RN** Drlr record **4/11/73**  
Record by **J. Shell** Source of data **BOWC** Date **1/69** Map **NEW BYRAM 228D**

State **50** County (or town) **Hinds** **3** **2.5**

Latitude: **32 14 45 N** Longitude: **0 9 0 16 0 0** Sequential number: **1**

Local well number: **M 0 9 4 CA 2 6 0 5 N 0 1 W** Other number: **FORMERLY**

Local use: **064** Owner or name: **Metropolitan Water Co**

Owner or name: **JACKSON** Address: **Forest Hill Rd**

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water, Dist **N**

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P, S, Rec, Stock, Instic, Unused, Recharge, Desal-P S, Desal-other, Other **P**

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed **W**

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

Hyd. lab. data:

Qual. water data: type: **MSBT, Barrow Ageo, & Orlando Labs** 6/24/75 **C**

Freq. sampling:  Pumpage inventory:  period:

Aperture cards:  **SPRT**

Log data:  **D E**

**WELL-DESCRIPTION CARD**

**SAME AS ON MASTER CARD** Depth well: **108.9** ft Meas. rept **3**

Depth cased: (first perf.) **101.4** ft Casing type: **Steel** ; Diam. **24x16 x 2** in **2.4**

Finish: porous concrete, gravel w. screen, horiz. gallery, open end, other **G**

Method Drilled: air bored, cable, dug, hyd jetted, air reverse, percussion, rotary, driven, drive wash, other **H**

Date Drilled: **7/2** **9.6.8** Pump intake setting: **34** ft **38**

Driller: **Layne Central Co**

Lift (type): air, bucket, cent, jet, multiple, (cent.), (turb.), none, piston, rot, submerg, turb, other **7** Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. **1.50** **W** Trans. of water no.

Descrip. **Breather hole in W side of pump base** **4.0** ft **above** LSD, Alt. MP

Alt. LSD: **350** **370** Accuracy: **5**

Water Level **266.54** ft **above** MP; **255** ft **below** LSD Accuracy: **737** **D**

Date meas: **4/12/73** **87.9** Yield: **60.8** Method determined

Drawdown: **7.0** ft Accuracy:  Pumping period: **2.5** hrs

QUALITY OF WATER DATA: Iron  Sulfate  Chloride  Hard.

Sp. Conduct **440**  $\times 10^6$  **3** Temp. **30.0** Date sampled **67.5**

Taste, color, etc. **pH 8.4**

**Yes**  
**JAN 21 1974**

TM 05.22.80  
11/10/89

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No. **M 94**

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HYDROGEOLOGIC CARD

SAVE AS ON MASTER CARD

Physiographic Province:

D Plateau Basin

Section: 03

Type of well sites: (D) depression, stream channel, gully, flat, hilltop, etc.; (S) swamp, offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: T E aquifer formation, group: S S

Lithology:  S S Origin:  2 Aquifer thickness: 110 ft

MINOR AQUIFER:  Length of well open to: 65 ft Depth to top of: 200 ft

Lithology:  series:  43 aquifer formation, group:  44

Interval Screened: 8" S S -1014-1024 + 1034-1089

Depth to consolidated rock:  ft Source of data:  44

Depth to Basement:  ft Source of data:  44

Surficial material:  70-71 Infiltration characteristics:  79

Coefficient of storage: 63.5

Trans: 63000 gpd/ft

Permeability: 450 gpd/ft<sup>2</sup>; Spec cap: 10 gpd/ft; Number of geologic units:  79

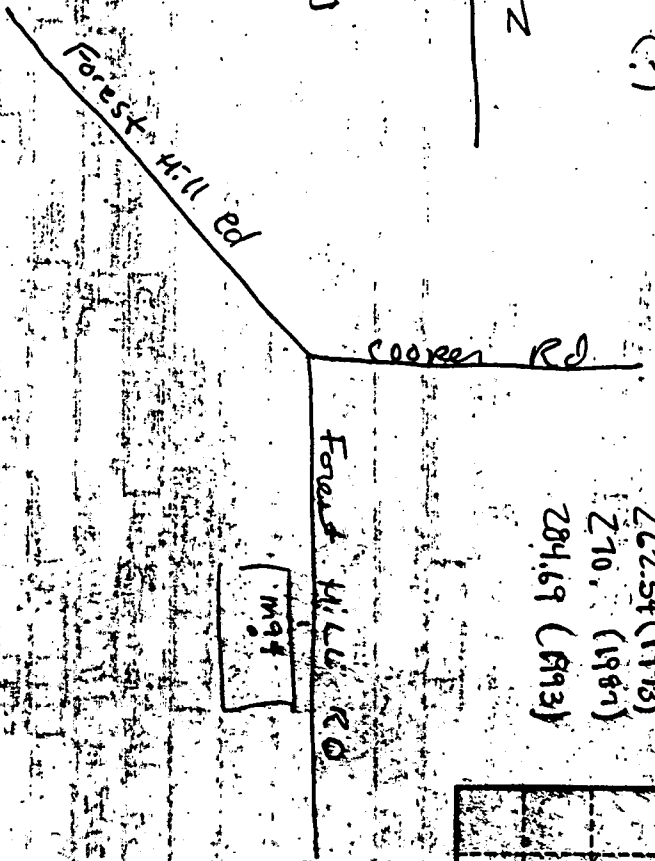
WL 225 8/68  
263.4/12/73  
(?)

WL'S 225 (1968)  
262.54 (1978)  
270. (1987)  
284.69 (1993)



Well No. M94

MP-4.10



Hinds  
 M 94  
 8-28-68  
 Schlumberger  
 8-28

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

CODED

WATER WELL DRILLERS LOG

1968 Layne - Central Company Hinds  
 date well completed firm name county well located

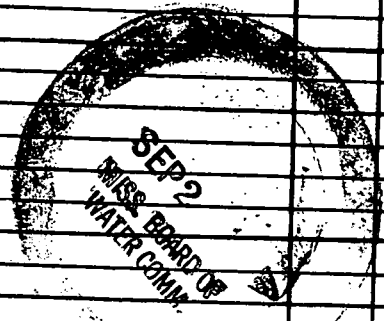
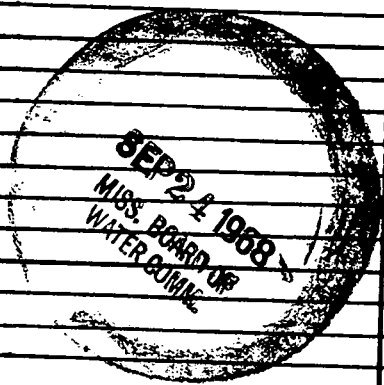
LANDOWNER:  
Metropolitan Water, Inc  
Jackson, Miss  
 (mailing address)

WELL LOCATION: Forest Hill Road  
 sec. 26 T. 5 N. R. 1 E.  
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 16"
  - (2) total depth (feet) 1095'
  - (3) static water level (feet) 225 below top of ground.
  - (4) casing steel, 1009' (material) (depth)  
 (size) if telescope see back.
  - (5) screen 65', 1014' (length) (depth to top)  
8", stainless steel (size) (material)
  - (6) pump 150? (HP) (yield gpm)  
Electric (type power)
  - (7) electric log yes (yes or no)  
Schlumberger (organization running log)
  - (8) how well bottom plugged \_\_\_\_\_

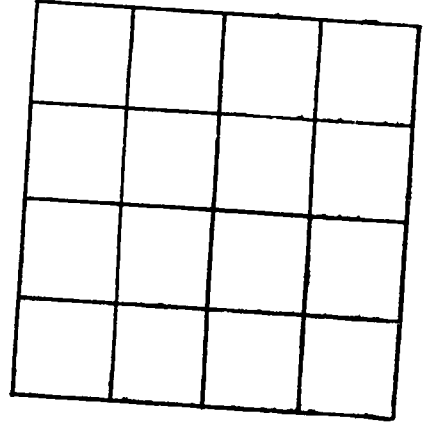
description of formations encountered	CODED	
	from	to
<u>Clay</u>	<u>0</u>	<u>35</u>
<u>Blue Clay</u>	<u>35</u>	<u>430</u>
<u>Clay &amp; Sand Strata</u>	<u>430</u>	<u>485</u>
<u>Sandy Clay</u>	<u>485</u>	<u>648</u>
<u>Clay strata of sand</u>	<u>648</u>	<u>730</u>
<u>Hard Clay with Strata</u>	<u>730</u>	<u>898</u>
<u>Sandy Shale</u>	<u>898</u>	<u>1014</u>
<u>Sand</u>	<u>1014</u>	<u>1110</u>
<u>Sandy Shale</u>	<u>1110</u>	<u>1190</u>
<u>Shale</u>	<u>1190</u>	<u>1310</u>



DRILLERS REMARKS: Pump  
Not installed as of  
this date.

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): STEWART/EVERETT DATE: 6/16/94

UNIT DEQ #: 84090 FILE #: B061620A

HEALTH DEPT. #: 250090-02 ELEV. 350

USGS #: m94! OLWR #: GW2699

OWNER: CITY OF JACKSON Quad: New Byram

LOCATION: SWSW NE S 26 T 5N R 1W COUNTY: HINDS

LOCATION DESCRIPTION: WEST SIDE OF FOREST HILL ROAD  
S/OE COOPER ROAD

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: 150 HP TURBIN

GPS FIELD LOCATION: LAT. 32° 14.856' LONG. 90° 15.980'

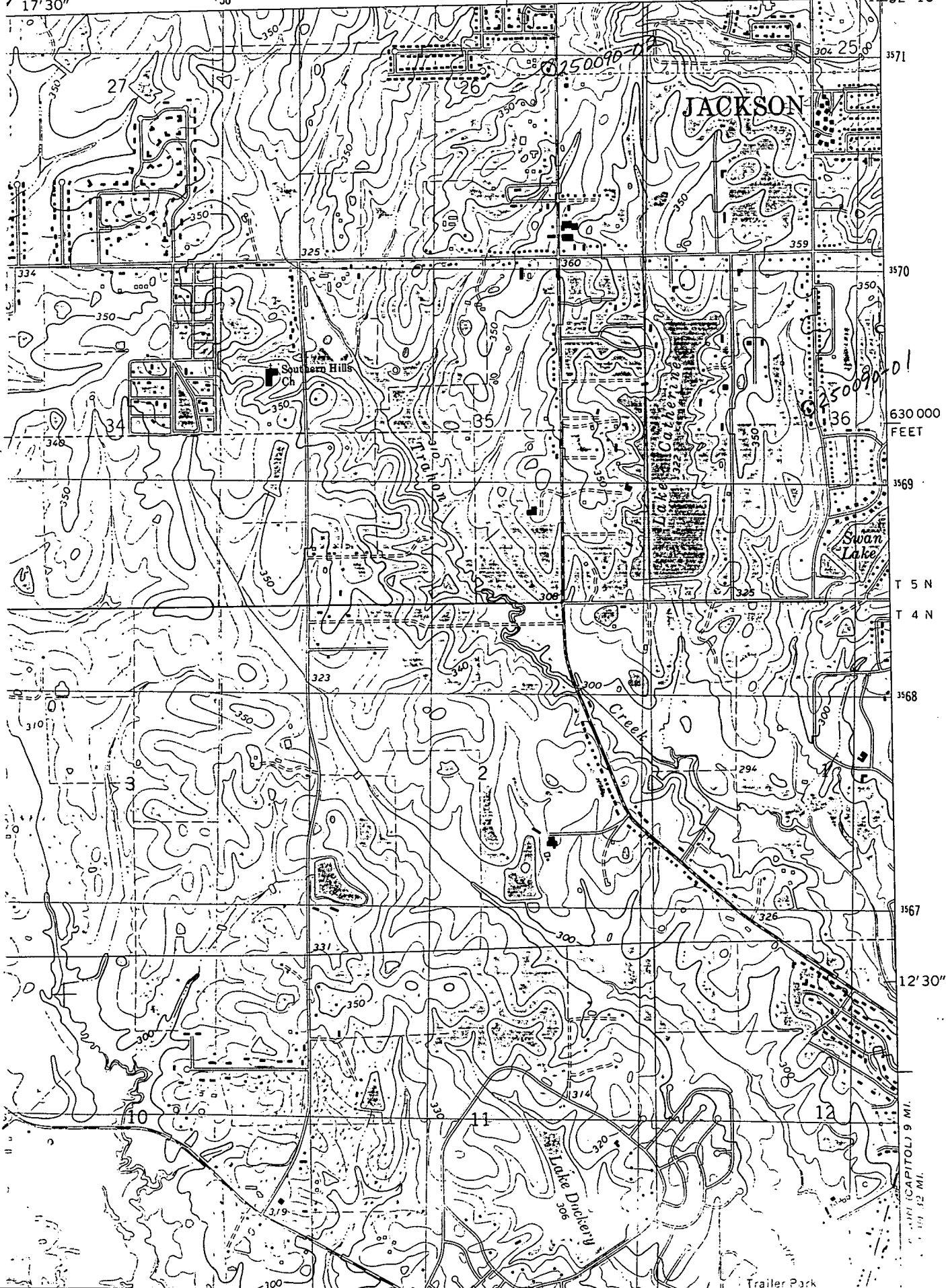
GPS CORRECTED LOCATION: LAT. 32.24762055 LONG. 90.26650639

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NEW BYRAM QUADRANGLE  
MISSISSIPPI  
7.5 MINUTE SERIES (TOPOGRAPHIC)

2948 / SW  
(JACKSON)

17° 30' 756 757 758 90° 15' 32° 15'



630 000  
FEET

T 5 N  
T 4 N

12° 30'

9 MI.  
CAPITOL 9 MI.  
12 MI.

Trailer Park