

**PUNCHED**

R 100

E Log 268

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data E Log Drly Date 4-11-67 Map Florence Quad

State Mississippi County (or town) Hinds Sequential number: 25

Latitude: 32 11 33 N Longitude: 09 01 41 0

Lat-long accuracy: 4 S, R 1 W, Sec 18, SE NE NW

Local well number: R0970B1804NOIE Other number: B & M

Local use: 35 40 45 51 Owner or name: Metropolitan Water Co

Owner or name: METRO. WTR CO Address: Jackson, Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instcit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other P

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

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: 76 yes no; period: 77 yes

Aperture cards: 78

Log data: E Log 399-824 NO SAMPLING 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 320 ft 820 Meas. rept. accuracy 24

Depth cased: (first perf.) 780 ft 780 Casing type: Steel; Diam. 4x3 in 29 30

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. gallery, end, horiz. open perf., screen, sd. pt., shored, open hole, other S

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jettted, (E) air reverse, (F) percussio, (G) rot, (H) jettted, (I) rotary, (J) driven, (K) drive wash, (L) other H

Date Drilled: 4-1967 967 Pump intake setting: 36 38 ft

Driller: Hall Drly. Co., Jackson, Miss

Lift (type): (A) air, (B) bucket, (C) cent, jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other D Deep 40 Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 5 Trans. or meter no. 41

Descrip. MP 42 ft above LSD, Alt. MP 43 ft below LSD, Alt. MP 47

Alt. LSD: 260 260 Accuracy: (source) 47

Water Level: 42 ft above below MP; 43 ft above below LSD 48 51 Accuracy: 52

Date meas: 53 55 Yield: 56 58 gpm Method determined 61

Drawdown: 62 64 Accuracy: 65 68 hrs Pumping period 60

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72 ppm

Sp. Conduct 73 K x 10 74 76 Temp. °F Date sampled 77 79

Taste, color, etc. 79

Well No.

R 100

Latitude-longitude \_\_\_\_\_  
d m s N S

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD <sup>19</sup> Physiographic Province: 03 Section: \_\_\_\_\_  
<sub>20 21</sub>

D <sup>22</sup> Drainage Basin: 137 Subbasin: \_\_\_\_\_  
<sub>23 24</sub>

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (φ) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_  
<sub>27</sub>

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series JE \_\_\_\_\_ aquifer, formation, group CO \_\_\_\_\_  
<sub>28 29 30 31</sub>

Lithology: \_\_\_\_\_ US \_\_\_\_\_ Origin: \_\_\_\_\_ 3 \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
<sub>32 33 34</sub>

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_  
<sub>35 36 37 38 39 40 41 42 43</sub>

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_  
<sub>44 45 46 47</sub>

Lithology: \_\_\_\_\_ \_\_\_\_\_ Origin: \_\_\_\_\_ \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
<sub>48 49 50</sub>

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_  
<sub>51 52 53 54 55 56 57 58 59</sub>

Intervals Screened: 780-820

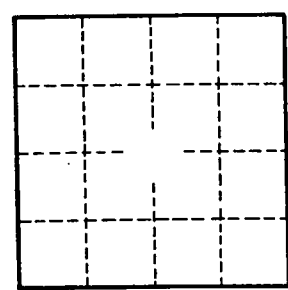
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_  
<sub>60 61 62 63 64</sub>

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_  
<sub>65 66 67 68 69</sub>

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_  
<sub>70 71 72</sub>

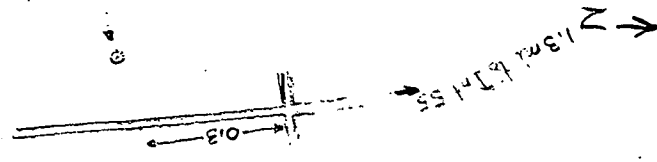
Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_  
<sub>73 74 75 76 77 78</sub>

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_  
<sub>79</sub>



River Bottom

well



Well No.

B100

Recorded by CAS

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

677

Well No. R100

Date 11-4-76

E-Log No. 268

County HINDS

Site ID 32-1133 09.014 10.01 R=0\* T=AM\* 2=W\*

Data reliab. 3=U\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=0.49\*

Lat. Long. 9=32.1133\* 10=09.01410\* Well No. 12=R100\*

Location 13=NWNE S 18 T 04 N R 01 E\* Alt. 16=260\*

Hyd. Unit (OWDC) 20= Date 21=0410111967\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=824\* Well depth 28=820\*

WL 30= Date 31= Source 33=

Status 273 =

GEN. SITE DATA

R=158\* T=AM\* Date 159# 0410111967\* Owner No.

Owner 161=METRΦ WTR CΦ\*

OWNER

R=192\* T=AM\* Date 193# Temp. 196#00010\* 197=

R=192\* T=AM\* Date 193# Cond. 196#00095\* 197=

R=192\* T=AM\* Date 193# pH 196#00400\* 197=

FIELD QW

R=58\* T=AM\* 59# 1\* Date 60=0410111967\* Remarks

Drlg. 63=0.48\* Name Method 65=#\* Finish 66=S\* u

CONSTR.

HALL DRUG CO.

R=76\* T=AM\* 59# 1\*

Top csng. 77# 0\* Bot. csng. 78=780\* Diam. 79# 4.0\*

R=76\* T=AM\* 59# 1\*

Top csng 77# Bot. csng. 78= Diam. 79#

CASING

R=82\* T=AM\* 59# 1\* Top 83# 780\* Bottom 84=820\*

Type 85=S\* Diam. 87=2.0\* Size 88=0.07\*

R=82\* T=AM\* 59# 1\* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

OPENINGS

R= 134 146 \* T=AM\* 147# 1 \* Q 150= Q/S 272=

YIELD

LIFT

R=42\* T= A M \* Lift type 43# \* Intake 44= \* Power type 45= \*

Date 38= / / H.P. 46= \*

LOGS

R=198\* T= A M \* Log 199# \* Top 200= \* Bot 201= \*

R=198\* T= (A) M \* Log 199# E \* Top 200= 399. \* Bot 201= 824. \*

R=189\* T= (A) M \* E. Log No. 190# 26.8 \* 191= M I S S D I S T \*

ANAL.

R=114\* T= A M \* Year 115# \* Type 120= \*

AQUIFERS

R=90\* T= (A) M \* 256# 1 \* Top 91= \* Bot 92= \*

Unit ID 93= 124 C C K F \* Name of Unit

R=90\* T= A M \* 256# 1 \* Top 91= \* Bot 92= \*

Unit ID 93= \* Name of Unit

HYDRAULICS

R=98\* T= A M \* 99# 1 \* Unit tested 100= \*

R=105\* T= A M \* 99# 1 \* Test No. 106# \*

107= \* Transmissivity (gal/d)/ft

108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= \* Storage coeff. Boundaries