

6/78 WIO

Recorded by *[Signature]*

Date 6/27/80

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

*6/81 Jackson*  
TRANSMITTED FOR ADP

7/2/96

Well No. 5-174

Log No. 502

County RANKIN

G W 01295 0610017-05

Site ID

3.2.1.6.2.9.0.9.0.0.8.3.3.0.1

R=0\*

T=A\*

2=W\*

Jackson <sup>Qua</sup>  
229C

Date reliab. 3=C\*

3=C\*

Report. agency 4=USGS\*

4=USGS\*

Dist. 6=28\*

6=28\*

7=28\*

Co. 8=1.2.1.\*

8=1.2.1.\*

Lat.

Long. 9=3.2.1.6.2.9.\*

9=3.2.1.6.2.9.\*

10=0.9.0.0.8.3.3.\*

Well No. 12=5.1.7.4.\*

12=5.1.7.4.\*

SW Location 13=NESE S 13 T 0.5 N R 0.1 E.\*

13=NESE S 13 T 0.5 N R 0.1 E.\*

Alt. 16=270.\*

16=270.\* 275'

Hyd. Unit (OWDC) 20=

20=

Date 21=05.12.7.1.19.80.\*

21=05.12.7.1.19.80.\*

Well use 23=W.\*

23=W.\*

Water Use 24=P.\*

24=P.\*

Hole depth 27=1.024.\*

27=1.024.\*

Well depth 28=6.10.\*

28=6.10.\*

WL 30=1.81.\*

30=1.81.\*

Date 31=05.12.7.1.19.80.\*

31=05.12.7.1.19.80.\*

Source 33=D.\*

33=D.\*

Status 273=

273=

Project No. 5=SPRT.\*

5=SPRT.\*

R=158\*

T=A\*

Date 159#05.12.7.1.19.80.\*

159#05.12.7.1.19.80.\*

Owner No. Bate Wood T.H.

Bate Wood T.H.

Owner 161#PEARL.\*

161#PEARL.\*

WL=245.20 3/8/95

R=192\*

T=A\*

Date 193#

193#

Temp. 196#00010\*

196#00010\*

197=

R=192\*

T=A\*

Date 193#

193#

Cond. 196#00095\*

196#00095\*

197=

R=192\*

T=A\*

Date 193#

193#

pH 196#00400\*

196#00400\*

197=

R=58\*

T=A\*

59#1\*

Date 60=05.12.7.1.19.80.\*

60=05.12.7.1.19.80.\*

Remarks

Drig. 63=0.64.\*

63=0.64.\*

Name LAYNE CENTRAL

Method 65=H.\*

65=H.\*

Finish 66=5.\*

66=5.\*

R=76\*

T=A\*

59#1\*

Top csgn. 77#0.\*

77#0.\*

Bot. csgn. 78=550.\*

78=550.\*

Diam. 79#1.6.\*

79#1.6.\*

R=76\*

T=A\*

59#1\*

Top csgn. 77#4.85.\*

77#4.85.\*

Bot. csgn. 78=550.\*

78=550.\*

Diam. 79#8.\*

79#8.\*

R=82\*

T=A\*

59#1\*

Top 83#550.\*

83#550.\*

Bottom 84=610.\*

84=610.\*

Type 85=S.\*

85=S.\*

Diam. 87=8.\*

87=8.\*

Size 88=

88=

R=82\*

T=A\*

59#1\*

Top 83#

83#

Bottom 84=

84=

Type 85=

85=

Diam. 87=

87=

Size 88=

88=

SPRT

R=146\*

T=A\*

147#1\*

Date 150=6.00.\*

150=6.00.\*

Q/S 272=

272=

134 flows 146 pumped

*183.69  
10/22/80*

LIFT  
 R=42\* T= A \* Lift type 43# T\* Intake 44= \* Power type 45= E\*  
 Date 38= 05/27/1980\* H.P. 46= 10.0.\*

LOGS  
 R=198\* T= A \* Log 199# E\* Top 200= 4.2.\* Bot 201= 10.12.\*  
 R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 10.24.\*  
 R=189\* T= A \* E Log No. 190# 5.0.2\* 191= M I S S D I S T \*

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

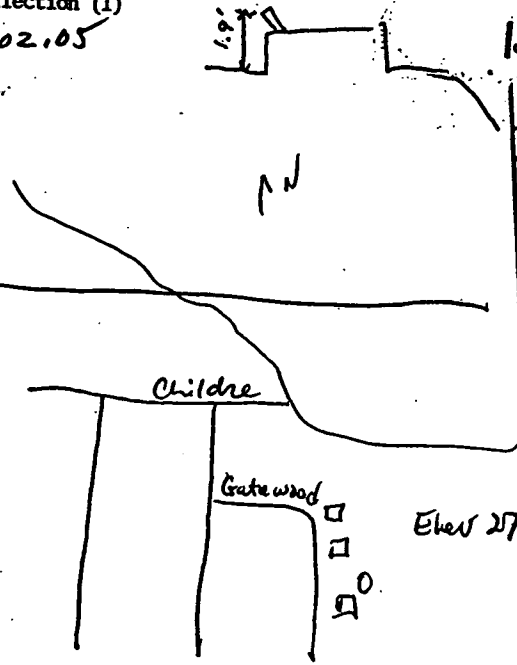
AQUIFERS  
 R=90\* T= A \* 256# 1 \* Top 91= 5.5.5.\* Bot 92= 6.5.0.\*  
 Unit ID 93= 124SPRT\* Name of Unit \_\_\_\_\_  
 R=90\* T= A \* 256# 1 \* Top 91= \* Bot 92= \*  
 Unit ID 93= \* Name of Unit \_\_\_\_\_

HYDRAULICS  
 R=98\* T= A \* 99# 1 \* Unit tested 100= \* 103= \*  
 R=105\* T= A \* 99# 1 \* Test No. 106# \*  
 107= \* Transmissivity (gal/d)/ft \_\_\_\_\_  
 108= \* Hydraul. cond. (gal/d)/ft<sup>2</sup> \_\_\_\_\_  
 110= \* Storage coeff. Boundaries \_\_\_\_\_

R=121\* T= \* Yr Begin 122# \* Network 258= \*

Water Level Data Collection (1)  
 10-24-89 202.05

mp=  
 cover lip of 2" pipe  
 1.9 ft above  
 concrete floor  
 on e side of  
 pump base  
 Part New Well



description of formations encountered	from	to
Clay	0'	12'
Sand & Gravel	12'	32'
Clay	32'	80'
Sandy Clay	80'	125'
Sandy Clay	125'	154'
Sandy Clay	154'	170'
Clay	170'	193'
Rock	193'	195'
Sandy Clay	195'	308'
Rock	308'	309'
Clay	309'	435'
Rock	435'	438'
Clay	438'	450'
Sandy Clay	450'	480'
Sandy & Clay shale	480'	520'
Sandy Clay	520'	550'
Clay & sand shales	550'	610'
Rock	610'	612'
Sandy shale	612'	666'
Rock	666'	668'
Shale	668'	675'
Rock	675'	701'
Sandy shale	701'	794'
Shale	794'	817'
Sandy shale	817'	859'
	859'	862'

RANKIN  
K174  
5-27-80  
Elog # 502

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

WATER WELL DRILLERS LOG

date well completed 5-27-1980 firm name Layne-Central Co. county well located Rankin

LANDOWNER:	description of formations encountered	from	to
City of Pearl	Clay	0'	12'
Pearl, Mississippi (mailing address)	Sand & Gravel	12'	32'
WELL LOCATION:	Clay	32'	80'
sec. 13 T. 5 N. R. 1 E	Sandy Clay	80'	125'
(distance) miles (direction) of (nearest town)	Sand & Clay	125'	154'
WELL PURPOSE: Municipal	Sandy Clay	154'	170'
(home, irrigation, municipal, industrial)	Clay	170'	179'
WELL COMPLETION DATA:	Rock	179'	193'
(1) diameter (inches) 16"	Sandy Clay	193'	195'
(2) total depth (feet) 627'	Rock	195'	308'
(3) static water level (feet) 181' below top of ground	Clay	308'	309'
(4) casing (material) Steel (depth) 550'	Rock	309'	435'
16" if telescope see back.	Clay	435'	438'
(size) 8" 7.65'	Clay	438'	450'
(5) screen (length) 40' (depth to top) 550'	Sandy Clay	450'	480'
8" Standard Steel (size) (material)	Sandy Clay & Clay Shale	480'	520'
(6) pump 100 (HP) 600 GPM (yield gpm)	Sandy Clay	520'	550'
Electric (type power)	Clay & Sand Shale	550'	610'
(7) electric log 320 (yes or no)	Rock	610'	612'
State Bureau of Geology (organization running log)	Sandy Shale	612'	666'
(8) how well bottom plugged Valve	Rock	666'	668'
	Shale	668'	675'
	Rock	675'	701'
	Sandy Shale	701'	774'
	Shale	774'	817'
	Sandy Shale	817'	859'
	Rock	859'	862'
	Shale	862'	881'
	Rock	881'	885'
	Sandy Shale	885'	920'
	Shale	920'	946'
	Sandy Shale	946'	1012'
	Rock & Shale	1012'	1024'
DRILLERS REMARKS:			

If well telescopes please sketch and show depths.

1991  
 BOARD OF HEALTH  
 LOCAL HEALTH DEPARTMENT  
 HEALTH DEPARTMENT

W-1  
 100  
 100  
 100  
 100

**GROUND LEVEL**


SECTION  
 Please indicate well location X.

**ADDITIONAL INFORMATION**

1. Name of well owner: \_\_\_\_\_

2. Name of well user: \_\_\_\_\_

3. Date of construction: \_\_\_\_\_

4. Depth of well: \_\_\_\_\_

5. Type of well: \_\_\_\_\_

6. Purpose of well: \_\_\_\_\_

7. Name of contractor: \_\_\_\_\_

8. Name of inspector: \_\_\_\_\_

9. Date of inspection: \_\_\_\_\_

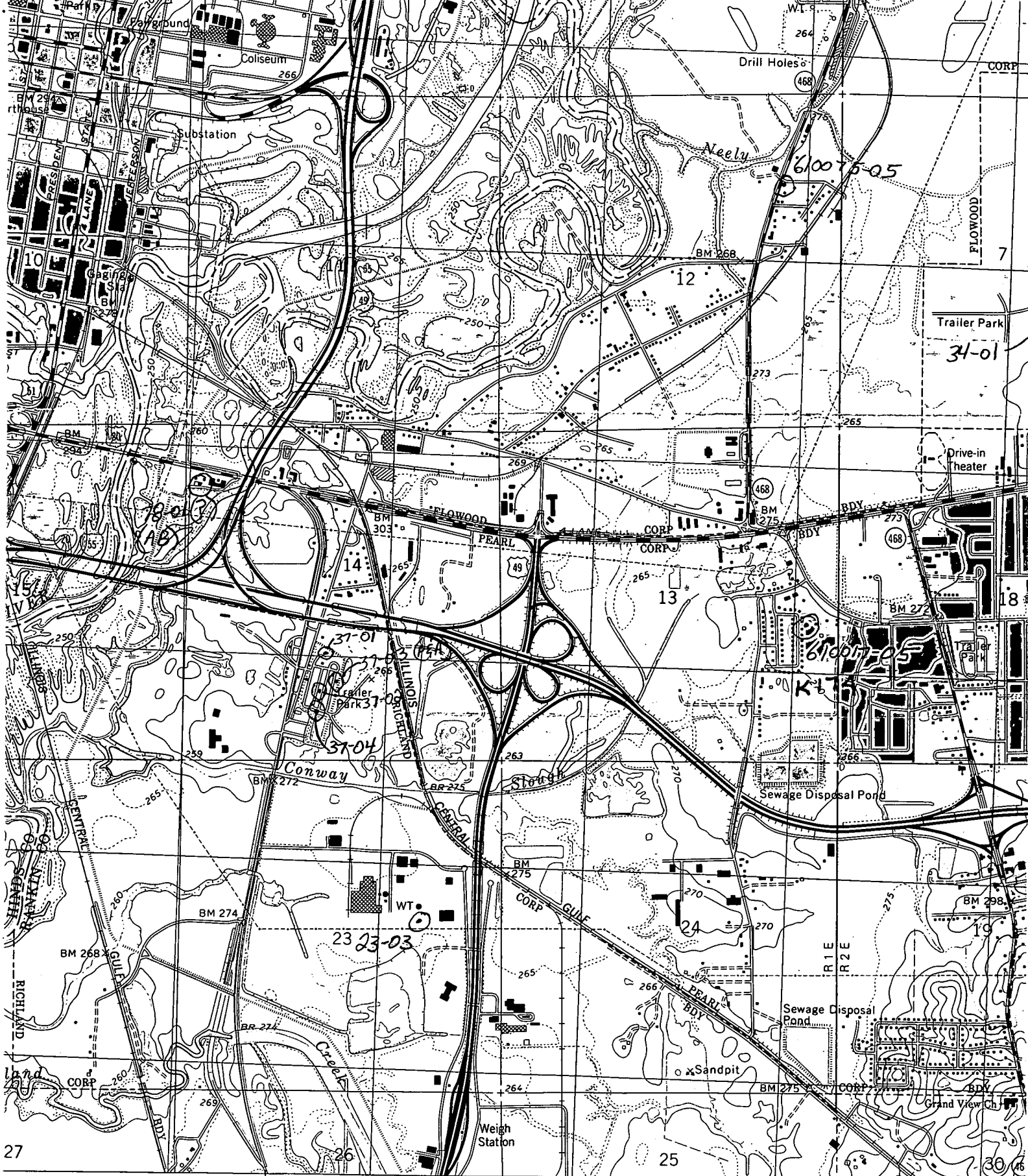
10. Remarks: \_\_\_\_\_

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): Phillips/Hardin DATE: 7/2/96  
UNIT DEQ #: \_\_\_\_\_ FILE #: B070215B  
HEALTH DEPT. #: 610017-05 ELEV. @ 275'  
USGS #: K174 OLWR #: 6w01295  
OWNER: City of Pearl QUAD: Jackson  
LOCATION: NE/SE S 13 T 5N R 1E COUNTY: Rankin  
LOCATION DESCRIPTION: On Gatewood Drive south of  
Hwy 80  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/100 HP  
GPS FIELD LOCATION: LAT. 32° 16' 25.9" N LONG. 90° 08' 40.0" W  
GPS CORRECTED LOCATION: LAT. 32.27446985 LONG. 90.14381438  
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



10  
 20  
 30  
 4000 5000 6000 7000 FEET  
 1 KILOMETER  
 10 FEET  
 FOOT CONTOURS  
 DATUM OF 1929

MISS.

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA 20192  
 770000mE

**ROAD CLASSIFICATION**  
 Primary highway, hard surface \_\_\_\_\_ Light-duty improved surface \_\_\_\_\_  
 Secondary highway, hard surface \_\_\_\_\_ Unimproved surface \_\_\_\_\_  
 Interstate Route (Shield) U. S. Route (Circle)

FLORENCE 7 MI. MENDENHALL 27 MI.