TRANSMITTED FOR ADP
GW128

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

31-02 TAZIson both K170 & K97

K170 K97

6/17 W7O

Recorded by 3/6/78

Date

U.S. Geological Survey
Water Resources Division
Mississippi District
Well Record

Site ID 3,21,6,0,2,0,9,0,0,4,0,2,0,1

R0 T1 A1

2 W

Data reliability 3 C C

Report agency 4 USGS

Dist 6 28, 7 28

Co 8 1,2,1

Lat Long 9 3,2,1,6,0,2

10 0,9,0,0,4,0,2

Well No 12 2,1,7,0

SE NW

E N W S 2 3 0 5 3 2 0,2

Alt 16 3,1,3

Hyd Unit OWDC 20

Date 21 0,1,1,0,1,9,7,8

Well use 23 W

Water use 24 P

Hole depth 27 8,4,0

Well depth 28 7,6,0

WL 30 2,3,8

Date 31 0,3,0,1,1,9,7,8

Source 33 W

Status 273

Project No 5

Owner 161 WASHINGTON W A

City of Pearl

Owner No T H 1

Well # 2

R = 158 T = A

Date 1599 0,3,0,1,1,9,7,8

Owner No T H 1

Well # 2

R = 192 T = A

Date 1930 0,7,1,0,9,1,1,9,8,7

Temp 1969 0,0010

197 2,8,0

R = 192 T = A

Date 1930 0,7,1,0,9,1,1,9,8,7

Cond 1969 0,0095

197 6,4,3

R = 192 T = A

Date 1930 0,7,1,0,9,1,1,9,8,7

pH 1969 0,0400

197 8,1,5

R = 58 T = A

Date 60 0,3,7,0,1,1,9,7,8

Remarks

Drill 0,53

Name Parks

Method 65 H

Finish 66 G

R = 76 T = A

59#

Top csgn 770 0

Bot csgn 78

Diam 79 1,0

R = 76 T = A

59#

Top csgn 770 0

Bot csgn 78

Diam 79

R = 82 T = A 59#

Top 83 7,2,0

Bottom 84 7,6,0

Type 85

Diam 87 6

Size 88

R = 82 T = A 59#

Top 83 7,2,0

Bottom 84

Type 85

Diam 87

Size 88

R = 146 T = A

1470 1

Q 150 1,5,0

Q/S 272

154 flows 146 pumped

50#
### LIFT
- **Date:** 3/01/1978
- **Lift type:** B
- **Intake:** 44
- **Power type:** E
- **H.P.:** 30

### LOSSES
- **Log (1999):** D
- **Top:** 200
- **Bot:** 201
- **Log (1999):** E
- **Top:** 40
- **Bot:** 77
- **E Log No.:** 449

### ANAL.
- **Year:** 1978
- **Type:** 120

### AQUIFERS
- **Unit ID:** 93, 124
- **Name of Unit:** Cockfield
- **Unit ID:** 93
- **Name of Unit:**

### HYDRAULICS
- **Unit tested:** 100
- **Test No.:** 103
- **Transmissivity (gal/d)/ft:**
- **Hydraul. cond. (gal/d)/ft²:**
- **Storage coeff. Boundaries:**

### Water Level Data Collection (1)
- **Test Hole:**
  - **T:** 28°
  - **Sandal:** 590
  - **pH:** 8.5
  - **Clear**

<table>
<thead>
<tr>
<th>Top Soil</th>
<th>0 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>30 110</td>
</tr>
<tr>
<td>Clay &amp; Shale</td>
<td>10 90</td>
</tr>
<tr>
<td>Sandy Clay &amp; Shale</td>
<td>90 700</td>
</tr>
<tr>
<td>Good Sand</td>
<td>700 840</td>
</tr>
<tr>
<td>Description of Formations Encountered</td>
<td>From</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Top Soil</td>
<td>0</td>
</tr>
<tr>
<td>Sand</td>
<td>20</td>
</tr>
<tr>
<td>Clays w/Clumbo</td>
<td>110</td>
</tr>
<tr>
<td>Sandy Clays w/Shell</td>
<td>490</td>
</tr>
<tr>
<td>Good Sand</td>
<td>700</td>
</tr>
</tbody>
</table>

**WELL LOCATION:**
- Section: 23 T E
- Range: 5 S
- Township: R 2 E
- Airfield/State/County:
- Distance: 4 miles
- Direction: N 40 W
- Nearest Town: Rankin

**WELL PURPOSE:** Municipal

**WELL COMPLETION DATA:**
- Diameter: 10 3/4 inches
- Total Depth: 840 feet
- Static Water Level: 238 feet above top of ground
- casing Steel: 700 feet
- Screen: 40 feet, 120 feet
- Stainless Steel: 6 1/8 inches, 6 7/8 inches
- Pump: 30 HP, 150 yield gpm
- Type power: 3 HP

**Electric Log:** Yes

**Mississippi Geological Survey:**
- Laboratory running test: Bar Saw Tooth Nipple

**Remarks:**

**Received:**
- May 18, 1978

**Miss. Bd. of Water Comm.:**
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB + DC  DATE: Dec 26, 2001

UNIT DEQ #: ________________  FILE #: __________________

HEALTH DEPT. #: 610031-02 "B"  ELEVATION: ____________

USGS #: K170  OLWR #: MS-GW 12811

OWNER: Pearl, City of  QUAD: Jackson SE

LOCATION: __________ S 23 T 5N R 2E COUNTY Rankin

LOCATION DESCRIPTION: South I-20 and airport Road

CASING DIA: __"  PUMP TYPE & SIZE: Sub.

GPS FIELD LOCATION: LAT. 32°26'76"  LONG. -90°06'81"

GPS CORRECTED LOCATION: LAT. __________  LONG. __________

REMARKS: "B" denotes 2nd well using this number