Recorded by: [WTO] 7/3/96

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. T59
E-Log No. 548

Location: 2SE., ESE. 3.6 T, 03 N, R, 01 E
Alt.: 400

Hyd. Unit (OWDC) 20 W
Date: 21/10/96

Well Use: 23 W
Water Use: 24 P
Hole depth: 262

Status: 273
Project No.: 5

Owner: [S.W. Rankin, W. A. W.]

Drlg.: 63
Name: Layne Central
Method: 65
Finish: 66

Top csng: 77
Bot. csng: 78

Top csng: 77
Bot. csng: 78

Type: 85
Diam.: 1.0
Size: 88

Type: 85
Diam.: 1.0
Size: 88

Opening:

Q = 3.0
Q/S = 272

134 flows 146 pumped
<table>
<thead>
<tr>
<th>Description of Formations Encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Clay</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>Sand</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>Clay</td>
<td>20</td>
<td>146</td>
</tr>
<tr>
<td>Rock</td>
<td>146</td>
<td>157</td>
</tr>
<tr>
<td>Hard Clay</td>
<td>157</td>
<td>185</td>
</tr>
<tr>
<td>Sand</td>
<td>185</td>
<td>200</td>
</tr>
<tr>
<td>Rock</td>
<td>200</td>
<td>207</td>
</tr>
<tr>
<td>Sand</td>
<td>207</td>
<td>213</td>
</tr>
<tr>
<td>Clay</td>
<td>213</td>
<td>245</td>
</tr>
</tbody>
</table>
**WATER WELL DRILLERS LOG**

**LANDOWNER:** Rankin W.A. 9% Engineering

**Services**
(mailing address)

**WELL LOCATION:**
sec 30 T 3 N R 1 E

**WELL PURPOSE:** Water associated
(home, irrigation, municipal, industrial)

**WELL COMPLETION DATA:**

1. diameter (inches) 16'
2. total depth (feet) 357'
3. static water level (feet) 130' below top of ground.
4. casing Steel 185' (material) 135' (depth)
   - 16' (size)
   - If telescope see back.
5. screen 185' 6' Stainless Steel (length) (depth to top)
6. pump 20 HP 300 (yield gpm)
7. electric yes (yes or no)
8. Ms Geo Survey (organization running log)
9. how well bottom plugged Stainless Steel Plate

**DRILLERS REMARKS:**

**from** | **to**
--- | ---
0 | 15
15 | 20
20 | 146
146 | 151
151 | 185
185 | 200
200 | 203
203 | 243
243 | 273

**RECEIVED**

DEP'T OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES
DEC 14 1982
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): Phillips/Hardin  DATE: 7/3/96
UNIT DEQ #:  FILE #: A070315C
HEALTH DEPT. #: 1410040 - 02  ELEV. 396'
USGS #: T50  OLWR #: GW07755
OWNER: Sw Rankin W, A #2  QUAD: Whites
LOCATION: SE/SE S 36 T 3N R 1E  COUNTY: Rankin
LOCATION DESCRIPTION: On east side of S County Line Rd just north of intersection W/Elzy Rd.
CASING DIA:  PUMP TYPE & SIZE: Turbine/30 HP
GPS FIELD LOCATION: LAT. 32°03.127'N  LONG. 90°08.556'W
GPS CORRECTED LOCATION: LAT. 32.05178021  LONG. 90.14234581
REMARKS: Measured 20' west of well