R=114  T=A*  706=  *  Year 115#  *  117=  *  120=  *  
R=121  T=A*  Yr Begin 122#  *  Network 258#  *  
R=146  T=A*  Flows(Pumped) (circle one) 147#1*  148=  1986/1/01/101  *  0 150=  12/01/101  *  
O/S 272=  *  
R=158  T=A*  718#1*  Date 159#  1986/1/01/101  *  Owner No.  
Owner 151# SHADY GROVE W A  *  
R=189  T=A*  736#1*  E-Log No. 190#032*  191= M I S S I D I S T  *  
R=192  T=A*  738#1*  Date 193#  *  Temp 196#000010*  197=  *  *  
R=192  T=A*  738#2*  Date 193#  *  Cond 196#000095*  197=  *  *  
R=192  T=A*  738#3*  Date 193#  *  pH 196#000400*  197=  *  *  
R=198  T=A*  739#1*  Log 199# E  *  Top 200=  110/101  *  Bot 201=  110/331  *  
R=198  T=A*  739#2*  199# D  *  200=  110  *  201=  110/30  *  
Remarks: R=183  311=  *  

94'dd @ 200gpm
1988

WL = 22.35?

| RED SAND & CLAY  | 0 30 |
| SANDY CLAY       | 30 210 |
| CLAY & ROCK      | 210 360 |
| SAND & ROCK      | 360 560 |
| CLAY             | 560 940 |
| SAND             | 940 1630 |

GW maps shows this well in Blue with Quat feed
(see 12 45 20)
(also shows this on log heading BAG H2)
GRAVEL WALL WELL

NAME Shady Grove
LOCATION Highway 4 West of Ripley

ENGINEER Cook-Coggin
DRILLER J. W. Webb and Sons, Inc.

DESIGN DATA
CAPACITY: 200 GPM, DISCHARGE PRESSURE: 60 PSI
APPROX. DEPTH: 1030 FT AQUIFER: Coffee
OUTER CASING NOM. DIA. 10 IN, INNER CASING NOM. DIA. 6 IN
SCREEN: NOM. DIA. 6 IN, ESTIMATED LENGTH 60 FT
DISCH. COL. NOM. DIA. 5 IN, TAIL PIPE LENGTH: 20 FT
PUMP BOWL SUBMERSION: 50 FT, PUMP HEAD: 4 IN

WELL DATA
DRILLED HOLE: DIA. 15 IN, TOTAL DEPTH 955 FT
UNDERWATER HOE: DIA. 20 IN, LENGTH 75 FT
OUTER CASING DIA. 10 IN, WALL THK. 365 IN, LENGTH 953 FT
INNER CASING DIA. 6 IN, WALL THK. 280 IN, LENGTH 63 FT
LAP LENGTH 58 FT, CEMENT GROUT: 4320 gal
SCREEN: DIA. 6 IN, LENGTH 60 FT, SLOT SIZE 0.30
TYPE Shutter, MAT'L S.S.
MFR Roxco-Moss
GRAVEL PACKING: EFFECTIVE GRAIN SIZE 4-24, QTY: 2.2 CU YD
DEPTH TO: SCREEN 965 FT, GRAVEL 905 FT,
AIR LINE 360 FT, STATIC WATER LEVEL 218 FT

PUMP DATA
TYPE Turbine
MFR Flo-Way
RATED CAPACITY: 200 GPM, SPEED 1800 RPM
NO. STAGES 21, BOWL DIA. 8 IN, BOWL LENGTH 6.1/8 IN
PUMP LENGTH 13 FT, SER. NO. 2489
TAIL PIPE: DIA. 5 IN, WALL THK. 0.258 IN, LENGTH 20 FT
DISCH. COL. DIA. 5 IN, WALL THK. 0.258 IN, LENGTH 360 FT
TYPE OILER elec.
SIZE OIL TUBE 1-1/2 IN

MOTOR DATA
TYPE V.H.S.
MFR U.S.
SER. NO. GT 100992006-299 HP: 30 RPM: 1800
VOLTAGE 230, PHASE 3, CYCLES 60, FLC 8 AMPS

FILL IN ALL BLANKS
**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**

Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209

**WATER WELL DRILLERS LOG**

**JAN 1 1986 J.W. WEBB & SONS INC TIPPAN**

<table>
<thead>
<tr>
<th>Date well completed</th>
<th>Firm name</th>
<th>County well located</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>86</strong></td>
<td><strong>TIPPAN</strong></td>
<td></td>
</tr>
</tbody>
</table>

**LANDOWNER:** Shady Grove Development

**ASSOC.**

**WELL LOCATION:**
- **sec 12 T 4 R 2 S**
- **4 miles WEST of** Ripley

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

**WELL COMPLETION DATA:**
1. **diameter (inches):** 10
2. **total depth (feet):** 1030
3. **static water level (feet):** 218 below top of ground
4. **casing:** STEEL 953 (material) 218 (depth)
   - If telescope see back.
5. **screen:** 50 965 (material) 6 5 5 (length) 6 (depth to top)
6. **pump:** 30 ELECTRIC 200 (yield gpm) (type power)
7. **electrical log:** YES
   - **state:** 
   - **organization running log:**
8. **how well bottom plugged:** BACK, WAS, VALVE

**WELL LOG:**

<table>
<thead>
<tr>
<th>Description of formations encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>RED SAND &amp; CLAY</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>SANDY CLAY</td>
<td>30</td>
<td>210</td>
</tr>
<tr>
<td>CLAY &amp; ROCK</td>
<td>210</td>
<td>300</td>
</tr>
<tr>
<td>SAND &amp; ROCK</td>
<td>300</td>
<td>560</td>
</tr>
<tr>
<td>CLAY</td>
<td>560</td>
<td>940</td>
</tr>
<tr>
<td>SAND</td>
<td>940</td>
<td>1030</td>
</tr>
</tbody>
</table>

**RECEIVED**

**JAN 27 1986**

**Department of Natural Resources**
Bureau of Land & Water Resources