## WELL RECORD

<table>
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<tr>
<th>Agency Code</th>
<th>Site Id</th>
<th>Project No.</th>
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<td>12011</td>
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<table>
<thead>
<tr>
<th>Station Name</th>
<th>Project No.</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td>Lat/Long Ac.</td>
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<table>
<thead>
<tr>
<th>Location Map</th>
<th>Agency Use</th>
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<td>Altitude</td>
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<table>
<thead>
<tr>
<th>Well Use</th>
<th>Water Use</th>
<th>Primary Aquifer</th>
<th>Hole Depth</th>
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<table>
<thead>
<tr>
<th>Well Depth</th>
<th>Water Level Date</th>
<th>Method</th>
<th>Status</th>
<th>Source</th>
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## CONSTRUCTION DATA

<table>
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<th>Contractor</th>
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<th>Finish</th>
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## CONSTRUCTION CASING DATA

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## CONSTRUCTION OPENINGS DATA

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<tr>
<td>7741</td>
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## CONSTRUCTION LIFT DATA

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## MISCELLANEOUS OWNER DATA

<table>
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<th>Date of Ownership</th>
<th>Owner Name</th>
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<tr>
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## MISCELLANEOUS OTHER ID DATA

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</thead>
<tbody>
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<td>1111</td>
</tr>
</tbody>
</table>

Landowner is Greene County School Board
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources
P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED: GREEN
WELL NUMBER: B-31
PERMIT NUMBER: 13970
NAME OF DRILLING FIRM: LAYNE-CENTRAL CO.
DATE WELL COMPLETED: 01/25/93

NAME & MAILING ADDRESS OF LANDOWNER:
LEAF WATER ASSOCIATION
P.O. Box 10-B
McLain, MS 39456

WELL LOCATION:
SEC. 16
TOWNSHIP 2 N
RANGE 8 W

DISTANCE FROM HIGHWAY: 4 Miles
DIRECTION: South
NEAREST TOWN: McLain
OTHER LANDMARK:

WELL PURPOSE:
Municipal
Irrigation
Municipal
Industrial
Fish Pond, etc.

WELL DATA

Well Depth: 11' 6"
Casing Diameter (In.): 8"
Casing Length (Ft.):
Type of Casing:
Steel
Well Depth:
Flowing
Type of Completion:
Gravel Packed
"Underreamed"
"Telescopied"
Natural Development
"Open Hole"
"Other"

TYPE OF COMPLETION (Circle One): Gravel Packed

Top of Lap Pipe or Reduction in Casing

FEET

SCREEN DATA

Diameter - Inches: 4"
Length - Feet: 20'
Slot Size - Inches: 20
Screen Type: JOHNSON

PUMP DATA

PUMP TYPE:
Submersible: Jet
Flowing Well
Other (Describe)

POWER TYPE:
Electric: Tractor, Diesel, Gasoline, Butane, Other (Describe)
H/P: 15

Pump Capacity (GPM): 125
No. of Stages: 13
Setting Depth: 97 FT.

PUMP TEST

Well Yielded: 125 GPM with a drawdown of 59 ft.
after 24 hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run
Electric
Gamma Ray
Density
Sonic
Neutron
Other (Describe)

Name of Organization Running Log:
LAYNE-CENTRAL CO.

GEOLOGIC DATA (Office Use Only)

Surface Elev.:
Geologic Unit:
Unit Thickness:
Depth to Top:
Subs. SWL:
Date:
Analysis:
Aquifer Test:
Driller's Remarks:

DESCRIPTION OF FORMATIONS ENCOUNTERED

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' 1'</td>
<td>1' 10'</td>
</tr>
<tr>
<td>10' 17'</td>
<td>17' 60'</td>
</tr>
<tr>
<td>60' 85'</td>
<td>85' 116'</td>
</tr>
<tr>
<td>166' 490'</td>
<td>490' 570'</td>
</tr>
<tr>
<td>570' 611'</td>
<td></td>
</tr>
</tbody>
</table>

FORMATIONS (Continued)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>490' 570'</td>
<td>570' 611'</td>
</tr>
</tbody>
</table>

IF MORE SPACE IS NEEDED, USE BACK
**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

**This application is for (circle one):**  
- GROUNDWATER
- SURFACE WATER

**Beneficial Use (circle one or more):**  
- Irrigation
- Fish Culture
- Municipal
- Rural Water Association
- Industrial
- Recreation
- Institutional (Examples: Church, School)
- Commercial (Examples: Hotel, Restaurant)
- Livestock
- Standby

**LANDOWNER:**  
Greene County School Board

**APPLICANT, AGENT, OR LESSEE (If different from Landowner):**  
Leaf Water Assn. Inc.

**Location of diversion/withdrawal point (A suitable location map must accompany this application):**  
**NE** 1/4 of the **NW** 1/4 of Section 16, Township 1N, Range 8W, County, Greene

**Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]:**

<table>
<thead>
<tr>
<th>Choice</th>
<th>Description</th>
<th>Unit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>acre-feet per year at a maximum rate of</td>
<td>gallons per minute</td>
</tr>
<tr>
<td>(b)</td>
<td>0.6</td>
<td>million gallons per day at a maximum rate of</td>
</tr>
<tr>
<td>(c)</td>
<td></td>
<td>acre feet of storage at normal pool</td>
</tr>
<tr>
<td>(d)</td>
<td></td>
<td>at a maximum rate of</td>
</tr>
</tbody>
</table>

**Construction of proposed work will begin on (date) April 19, 1992 and will be completed by (date) Oct 19, 1992.**

**Water will be used from (month) January through December each year.**

**Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)?**

- Yes
- No

**SECTION A (to be completed if application is for surface water source):** N/R

1. **Source of water is from** which drains into **which drains into**

2. **Description of pump/diversion works:**

   (a) **Pump (size and type):**
   
   (b) **Name of storage reservoir:**

   **Surface area at normal pool:** acres. **Storage capacity at normal pool:** acre-feet.
SECTION B (to be completed if application is for groundwater source)

1. Source of water is Miocene aquifer.

2. Description of proposed water well:
   (a) DEPTH OF WELL: 200' + feet; DRILLER (name): unknown (to be bid)
   (b) PIPE CASING: Length: unknown feet; Diameter: 10 inches. Type: steel
   (c) SCREEN: Length: 20 feet; Diameter: 6 inches. Type: s.s. Wire Wrapped
   (d) PUMP: Type: Line shaft. Size: six. Capacity: 125 gallons per minute.
   Number of stages: unknown. Setting depth: unknown (feet).
   (e) POWER UNIT: Type: Electric Motor. Size: unknown horsepower.
   (f) TYPE OF COMPLETION: Gravel Pack

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

<table>
<thead>
<tr>
<th>TOWN</th>
<th>RANGE</th>
<th>SECT</th>
<th>NE1/4</th>
<th>NW1/4</th>
<th>SW1/4</th>
<th>SE1/4</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice: Cotton: Soybeans:
   Corn: Pasture: Truck: Wheat: Oats: Grain sorghum: Other (specify):
   Acres

2. FISH CULTURE: Explain how water will be used:
   N/A

3. MUNICIPAL or WATER ASSOCIATION
   Choose "a" or "b". (a) The number of people served is 450. (b) The number of connections/customers is 150
   What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years?
   0.20 MGD 1997, 0.22 2002, 0.24 2005, 0.26 MGD 2010
   (Volume) (Year) (Volume) (Year) (Volume) (Year)

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year:
   N/A
   Rate of release: Location of release point in reference to diversion/withdrawal point:
   Explain any change in quality of water to be released: NPDES Permit No.
   Explain how water will be used:
   How much groundwater will be used for once-through non-contact cooling?
   N/A

5. RECREATION: Explain how water will be used:
   N/A

6. OTHER use: Explain in detail:
   N/A

REMARKS: This is a proposed well. Accurate description not possible until completed, if completed.

List below the person to be contacted for additional information if required:

(Name)

(Address)

(City, State, Zip)

(Telephone)

The accompanying map is hereby declared a part of this application.

The TEN DOLLAR ($10.00) permit fee is enclosed herewith.

(Signature)

Subscribed and sworn to before me this 9th day of February 1993 at eight o'clock a.m.

County of Greene, My commission expires 11/30/94

Notary Public
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Stewart, Everett
DATE: 6/10/98

UNIT DEQ #: 
FILE #: A061020A

HEALTH DEPT. #: 210006-02 (Wax 5-02) ELEV. 98'

USGS #: R-31 OLWR #: GW-13970

OWNER: Leaf Water Assn., South

LOCATION: NENW NW 1/4 T1N R8W COUNTY: Meade
LOCATION DESCRIPTION: HWY 57 @ 4 mi S/1/4 Melvin

CASING DIA: 
PUMP TYPE & SIZE:

GPS FIELD LOCATION: LAT. 31°03'.299' LONG. 88°48'.160'

GPS CORRECTED LOCATION: LAT. 31.055101 LONG. 88.802611

REMARKS: Melvin Rd/5


