## WELL RECORD

### Agency Code
- U.S. Geological Survey Water Resources Division

### Site Id
- 1345440189495101

### Station Name
- Olive Branch Quad

### Project No.
- 54

### Latitude
- 934544011

### Longitude
- 1040894951

### Lat/Long Ac.
- 124619

### Dist
- LEWISBURG

### State
- W

### County
- AL

### Land Net.
- 13 NEW 1211025159

### Location Map
- OLIVE BRANCH

### Altitude
- 352

### Met/Meas.
- 1630

### Accuracy
- 18

### Hydrologic Unit
- 15

#### Hydrologic Unit
- 10 08 03 14

### Agency Use
- 803

### Date Inventoried
- 7111

### Station Type
- 71

### Data Type
- Y

### Instru.
- 805

### Remarks
- 806

### Relia.
- 31 CL

### Date of Construction
- 2104

### Well Use
- 10

### Water Use
- 119

### Primary Aquifer
- 119

### Hole Depth
- 274

### WA
- 274

### Well Depth
- 28

### Water Level
- 314

### Water Level Date
- 1118

### Method
- 172

### Status
- 14

### Source
- 334

### CONSTRUCTION DATA

#### Construction Date
- 05

#### Contractor
- Wilson

#### Method
- 66

#### Finish
- 68

### CONSTRUCTION CASING DATA

#### Top/Casing
- 712

#### Bot/Casing
- 576

#### Diameter
- 7

### CONSTRUCTION OPENINGS DATA

#### Top/Depth
- 612

#### Bot/Depth
- 834

#### Diameter
- 874

#### Type
- 855

#### Length
- 895

#### Width
- 884

### CONSTRUCTION LIFT DATA

#### Lift Type
- 45

#### Date
- 3801

#### Intake
- 44

#### Power
- 303

#### Serial No.
- 107

### MISCELLANEOUS OWNER DATA

#### Date of Ownership
- 7180

#### Owner Name
- LEWISBURG

### MISCELLANEOUS OTHER ID DATA

#### E-Log No.
- 718

#### Assignor
- 1914 MISSISSIPPI

#### Assignee
- 1914 MISSISSIPPI
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Well #3 (1984)
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW WATER FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5106

(This box is for office use only. This is not to be signed)

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<th>Fee Paid:</th>
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<td>ACS No.</td>
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<td>Basin No.</td>
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<td>Aquifer: SPR</td>
<td>Tract No.</td>
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<td>Dam Inv. No.</td>
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<td>Remarks:</td>
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**THIS APPLICATION IS FOR (Circle one):**
- NEW PERMIT
- RENEWAL - PERMIT NO. 02870

**THIS APPLICATION IS FOR (Circle one):**
- GROUNDWATER - COMPLETE A,B,E
- SURFACE WATER - COMPLETE A,C,D,E

**BENEFICIAL USE (Circle one or more):**
1) Public Supply - Municipal, Rural Water, Private Water
2) Irrigation
3) Industrial
4) Fish Culture
5) Recreation
6) Institutional (eg. Church, School)
7) Commercial (eg. Hotel, Casino, Restaurant)
8) Fire Protection
9) Livestock
10) Flood Protection
11) Other: _______________________

**SECTION A** (to be completed by ALL APPLICANTS)

**LANDOWNER:**
LEWISBURG WATER ASSOCIATION
(Name)

64-0436072
(SSN or Tax ID No.)

9388 STEWART ROAD
(Address)

OLIVE BRANCH MS 38654 (601) 895-6022
(City) (State & Zip) (Telephone No.)

**APPLICANT, AGENT, OR LESSEE (if different from Landowner):**

(Name)

(State & Zip) (Telephone)

**Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):**

NE 1/4 of the NE 1/4 of Section 21, Township 25 S, Range 6 W, County DESOTA

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 If yes, describe the nature and amount of any additional supply and, if applicable, list permit number.

**SECTION B** (to be completed for GROUNDWATER SOURCE)

1. **AQUIFER:** ______________________ MISSISSIPPI DEPARTMENT OF HEALTH NO.: 170011
2. Proposed work will begin on ____________, 19__________ , and will be completed by ____________, 19__________ .
   If well has already been drilled, when was well completed (date)? ____________, 19__________ .
   Under whose name was well originally drilled (if known)?
3. Description of proposed or completed well:
   (a) **DEPTH OF WELL:** 338 feet
   (b) **SURFACE CASING:** Length 301 feet; Diameter inches; Type PVC
   (c) **SCREEN:** Length 30 feet; Diameter 4 inches; Type STAINLESS STEEL
   (d) **PUMP:** Type SUBMERSIBLE Size 20 HP; Capacity 250 gallons per minute; Setting depth 140 feet
   (e) **POWER UNIT:** Type Size horsepower
4. **PERMITTED VOLUME:**
   acre-feet per year at a maximum rate of ____________ gallons per minute
   million gallons per day at a maximum rate of ____________ gallons per minute
   (CONTINUED ON BACK)
SECTION C (to be completed for SURFACE WATER SOURCE)

1. Source of water is from ____________________________ which drains into ____________________________; (major stream or river)__________________________

2. Description of pump or diversion works:
   Pump (size & type): ____________________________
   Lift: ____________________________ feet Maximum capacity: ____________________________ gallons per minute
   Power Unit (size & type): ____________________________
   3. acre-feet per year at a maximum rate of ____________________________ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS [DAMS] on continuously flowing streams)

1. Name of storage reservoir: ____________________________ Dam Height: ____________________________ feet
2. Surface area at normal pool: ____________________________ Storage capacity at normal pool: ____________________________ acre-feet

SECTION E  WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice:__________________________ Cotton:__________________________ Oats:__________________________
   Corn:__________________________ Soybeans:__________________________ Pasture:__________________________ Truck:__________________________ Wheat:__________________________ Grain Sorgum:__________________________ Other (specify):__________________________ Acres:__________________________
   A. Method of Irrigation (circle one) - Center Pivot Flood Furrow
   B. Land Condition (circle one) - Precision Land Formed Smoothed
   C. ASCS Farm No.:__________________________ Tract No.:__________________________

2. FISH CULTURE: Explain how water will be used:
   How often will reservoir (s) be emptied and refilled?

3. MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM
   Chose "a" or "b": (a) The number of people served is ____________________________ or (b) The number of connections is ____________________________
   What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?

   \[\begin{array}{ccccccc}
   \text{(Volume)} & 108,000 & 113,000 & 116,000 & 122,000 \\
   \text{(Year)} & 2000 & 2005 & 2010 & 2015 \\
   \end{array}\]

4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year ____________________________
   Rate of release ____________________________ NPDES Permit No. ____________________________
   Explain any changes in quality of water to be released:
   Explain how water will be used:
   How much groundwater will be used for once-through non-contact cooling?

5. RECREATION: Explain how water will be used:

6. OTHER USE: Explain in detail (if needed, attach another page):

7. REMARKS:

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

BILL J. ROBERSON
(Name)
P O BOX 362
(Address)
HERNANDO MS 38632
(City, State, Zip)
601-429-9509
(Telephone)

The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The TEN DOLLAR ($10.00) permit fee is enclosed herewith.

(Signature)

Subscribed and sworn to before me this 14th day of March, 1996, at Hernando County of Miss. My commission expires March 28, 1996. Notary Public.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): 5H8 + PEG
DATE: 7-24-96

UNIT DEQ #: 84099
FILE #: 8926150

HEALTH DEPT. #: 170011-02
ELEV.: 300

USGS #: 468 H79
OLWR #: MS-GW-02870

OWNER: Lewisburg Water Assoc.

LOCATION: SE1/NE1 SEC 25 R 20 W
COUNTY: DeSoto

LOCATION DESCRIPTION: Inside water plant yard at south end 50' west of Hwy 305

CASING DIA: 8"
PUMP TYPE & SIZE: Sub/

GPS FIELD LOCATION: LAT. 34°56'08.2"N
34°54'44.1"
LONG. 89°49'51.4"W
89°49'51.4"W

GPS CORRECTED LOCATION: LAT. 34.90083950
LONG. 89.83066173

REMARKS: See #1 for location
Map center is 34° 54' 03"N, 89° 49' 51"W (WGS84/NAD83)

**Olive Branch** quadangle

Projection is UTM Zone 16 NAD83 Datum