**GW02185**  
**Date**  
6/3/81  
**U.S. GEOLOGICAL SURVEY**  
**WATER RESOURCES DIVISION**  
**MISSISSIPPI DISTRICT**  
**WELL RECORD**  
**Site ID** 34563108954190  
**Data relib.** 3U  
**Long.** 3345631  
**Lat.** 0895419  
**Location** NE  
**Hyd. Unit (GWDC)** 20  
**Well No.** 12  
**Well use** 24  
**W**  
**WL** 115  
**Status** 273  
**Well depth** 28  
**Date** 31  
**Date** 06/01/1973  
**Source** 33  
**D**  
**Owner No.** 1614  
**Owner** PLEASANT HILL  
**Well No.** G69  
**E-Log No.** 3637  
**County** 42340  
**Temp.** 19600010  
**Cond.** 19600095  
**pH** 19600400  
**Date** 60-3-31  
**Drlg.** 213  
**Name** BOB SMITH  
**H**  
**Finish** 66  
**Top csng** 772  
**Bot. csng** 347  
**Diam.** 790  
**Top csng** 770  
**Bot. csng** 78  
**Diam.** 790  
**Top** 347  
**Bottom** 387  
**Q** 1478  
**Q/S** 272  
**Type** 85  
**Size** 88  
**Type** 85  
**Size** 88  
**Type** 85  
**Size** 88  
**Type** 85  
**Size** 88  
**Type** 85  
**Size** 88  
**Type** 85  
**Size** 88  
**Type** 85  
**Size** 88.
<table>
<thead>
<tr>
<th>Label</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift type</td>
<td>43(^{\circ}) S</td>
</tr>
<tr>
<td>Intake</td>
<td>44(^{\circ}) 168(^{\circ})</td>
</tr>
<tr>
<td>Power type</td>
<td>45(^{\circ}) E</td>
</tr>
<tr>
<td>Date</td>
<td>38-06-10, 11-19-73</td>
</tr>
<tr>
<td>H.P.</td>
<td>46-10</td>
</tr>
<tr>
<td>Log</td>
<td>199(^{\circ}) Top 200(^{\circ}) Bot 201(^{\circ})</td>
</tr>
<tr>
<td>Log</td>
<td>199(^{\circ}) Top 200(^{\circ}) Bot 201(^{\circ})</td>
</tr>
<tr>
<td>E Log No.</td>
<td>190(^{\circ}) 191 M I S S D I S T</td>
</tr>
<tr>
<td>Year</td>
<td>115(^{\circ}) 117(^{\circ}) 120(^{\circ})</td>
</tr>
<tr>
<td>Unit ID</td>
<td>93 A S P R T</td>
</tr>
<tr>
<td>Name of Unit</td>
<td>A</td>
</tr>
<tr>
<td>Unit ID</td>
<td>93 A</td>
</tr>
<tr>
<td>Name of Unit</td>
<td>A</td>
</tr>
<tr>
<td>Unit tested</td>
<td>100(^{\circ}) Bot 201(^{\circ})</td>
</tr>
<tr>
<td>Test No.</td>
<td>1068</td>
</tr>
<tr>
<td>Transmissivity (gal/d)/ft</td>
<td></td>
</tr>
<tr>
<td>Hydraul. cond. (gal/d)/ft(^2)</td>
<td></td>
</tr>
<tr>
<td>Storage coeff. Boundaries</td>
<td></td>
</tr>
<tr>
<td>Begin</td>
<td>122(^{\circ})</td>
</tr>
<tr>
<td>Network</td>
<td>258</td>
</tr>
</tbody>
</table>
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW
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) 961-5202

This box is for office use only

<table>
<thead>
<tr>
<th>Issued: 3-25-86</th>
<th>Expires: 3-25-2006</th>
<th>Fee Paid: 370</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lat: 34-56-34</td>
<td>Long: 94-56-00</td>
<td>Elev: USGS No.</td>
</tr>
<tr>
<td>Quad: Pleasant Hill</td>
<td>ASCS Farm No.</td>
<td>STAC: MSDOH No.</td>
</tr>
<tr>
<td>Remarks: Dam Inv. No.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. 7070265
GW-2185

THIS APPLICATION IS FOR (Circle one): COMPLETE A,B,E GROUNDWATER

SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal; Rural Water 2) Private Water 3) Irrigation 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: Pleasant Hill WATER ASSOCIATION 62-0753353
(Name)

PO Box 624
(Address)

Olive Branch, MS 38655 (601) 895-5135 (Telephone No.)
(City) (State & Zip) (Telephone)

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

Same

(Name) (SSN or Tax ID No.)

Address)

(City) (State & Zip) (Telephone)

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

SE 1/4 of the NE 1/4 of Section 2 Township 2 South Range 7 West County Desoto

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.

WELL NO. 170-00720 AND 07639

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: SPRT MISSISSIPPI DEPARTMENT OF HEALTH NO.:

2. Proposed work will begin on 8-8-19 and will be completed by 8-19-19. Under whose name was the well originally drilled (if known)? Pleasant Hill WATER ASSOCIATION

3. Description of proposed or completed well:

   (a) DEPTH OF WELL: 340 feet
   (b) SURFACE CASING: Length 300 feet; Diameter 8 inches; Type STEEL
   (c) SCREEN: Length 35 feet; Diameter 6 inches; Type STAINLESS STEEL
   (d) PUMP: Type Saunders; Size 2 inch; Capacity 250 gallons per minute; Setting depth 350 feet
   (e) POWER UNIT: Type Electric; Size 25 HP

4. PERMITTED VOLUME:

   (a) 355 gallons per day at a maximum rate of 355 gallons per minute
   (b) 250 gallons per day at a maximum rate of 250 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/diversion works:
   Pump (size & type): ____________________ Power Unit (size & type): ____________________
   Lift: ____________________ feet Maximum capacity: ____________________ gallons per minute
   __________ 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: ________;
   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? ____________________
   (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)
   2006  1.0 2007  1.1 2008  1.2

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: WATER CONSUMPTIONS ARE FOR THIS WELL AND WELL Permit No. 17070070; THEY ALTERATE PUMPING

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

Joe F. Lauroladue
(Name)

9125 Pigeon Roost
(Address)

Olive Branch, MS 38654
(City, State, Zip)

601-895-4222
(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 of Notary Public
>}
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): GARFALK

DATE: 7/24/96

UNIT DEQ #: 84090

FILE #: 6477728C

HEALTH DEPT. #: 170016-01 REFERENCE ELEV. 357

USGS #: 482 G-69

OLWR #: MS-6W 03185

OWNER: Pleasant Hill MC

LOCATION: NE1/4 SE1/4 S2 T15 R7 W COUNTY: DESOTO

LOCATION DESCRIPTION: W Flat Plant Yard

CASING DIA: 10" PUMP TYPE & SIZE: Turbine 30 HP

GPS FIELD LOCATION: LAT. 34°56'506" N LONG. 89°54'080" W

GPS CORRECTED LOCATION: LAT. 34°56'506" N LONG. 89°54'11.3" W

REMARKS:

______________________________

______________________________