WELL SCHEDULE
FOR
THE OFFICE OF LAND AND WATER RESOURCES

Recorded by: Pat P Data Source: Permit, NWIS Date: 12/28/2000
County: Forrest Permit No.: GW11694 DOH No.: 018008 - 13
Quad: Hattiesburg Elevation: 141
1/4: ___ 1/4: ___ 1/4: NE 1/4: NE Sec.: 15 T: OAN R: 13 W
Plotted on quad?: ___ In field?: ___ From drillers log?: ___ From permit?: ___
Latitude: 31° 18' 57.01" Longitude: 89° 16' 50.55' GPS?: ___ From quad?: ___
Primary Aquifer: macro Secondary Aquifer:
Use: mu Well status: ______ Local Well Name: 

Owner: city of Hattiesburg

Date completed: 10/1/91 Driller: Griner Well depth: 592 Hole depth: 

Pump type: ______ Power type: ______ Pump capacity: ______
Casing interval: ______ Casing length: ______ Casing diameter: ______
Casing interval: ______ Casing length: ______ Casing diameter: ______
Screen interval: ______ Screen length: ______ Screen diameter: ______
Screen interval: ______ Screen length: ______ Screen diameter: ______
Type of logs: ______ Log interval: ______
Initial water level(s): ______ Date: ______ Measuring point description: 

Water Quality Data? ______ Source: ______ Reliability: ______
Water Level Data? ______ Source: ______ Reliability: ______
Pump Test Data? ______ Source: ______ Reliability: ______
Water Use Data? ______ Source: ______ Reliability: ______
Water level data

This area for location map and notes
APPLICATION FOR PERMIT TO DIVERT OR WAGE 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) 359-1151

OCT 21, 1989

This box is for office use only: 2-8-2000 AGN


Quad: Hattiesburg  ASCS Farm No. STAC.


Remarks: Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT  RENEWAL - PERMIT NO. GW-11694

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, or 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: City of Hattiesburg  64-6000-432

(Name)  (SSN or Tax ID No.)

P.O. Box 1898

(Address)

Hattiesburg, MS 39401-1898  (601) 545-4540

(City)  (State & Zip)  (Telephone No.)

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

(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):

NE 1/4 of the NE 1/4 of Section 15, Township 4N, Range 13W, County Forrest.

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: GW-03239, GW-03240, GW-03241, GW-03242

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene  MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180008-13

2. Proposed work will begin on October 19, 1991, and will be completed by

If well has already been drilled, when was well completed (date)?

Under whose name was well originally drilled (if known)? City of Hattiesburg

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 592 feet  DRILLER: Griner Drilling Service

(b) SURFACE CASING: Length 582 feet; Diameter 20 inches; Type Welded

(c) SCREEN: Length 63.37 feet; Diameter 10 inches; Type Wire wound

(d) PUMP: Type Turbine; Size 8 HP; Capacity 1000 gallons per minute; Setting depth 190 feet

(e) POWER UNIT: Type Electric; Size 100 horsepower

4. PERMITTED VOLUME:

(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 ____________; 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?
<table>
<thead>
<tr>
<th>Volume (MDG)</th>
<th>Year</th>
<th>Volume (MDG)</th>
<th>Year</th>
<th>Volume (MDG)</th>
<th>Year</th>
<th>Volume (MDG)</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.1</td>
<td>2003</td>
<td>9.4</td>
<td>2006</td>
<td>9.7</td>
<td>2013</td>
<td>10.0</td>
<td>2018</td>
</tr>
</tbody>
</table>

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.

Chuck Henderson
(Name)

Water Plant # 2, 900 James St.
(Address)

Hattiesburg, MS 39401
(City, State, Zip)

(601) 545-4530
(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 ____________ day of ____________ 19__

My Commission Expires April 27, 200__

Notary Public,
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): C.A. Horneback
DATE: 6/28/94

UNIT DEQ #: 82-555
FILE #: C062820C

HEALTH DEPT. #: *180008-13 (No tag)
ELEV. 141

USGS #: Z-123
DUA?: OLWR #: 11694

OWNER: City of Hattiesburg

LOCATION: NE-SE-NE S 15 T 4N R 13W
COUNTY: Forrest

LOCATION DESCRIPTION: SE Corner of Plant #2 Yard

SE of Bldgs.

CASING DIA: 18"
PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 31° 18.876
LONG. 89° 16.824

GPS CORRECTED LOCATION: LAT. 31° 51.013
LONG. 89° 16.553

REMARKS: GPS at Well, 31.314174

NEW well

* Note: I assigned this # on basis of description
on new printout. Description called this
well 5, Plant 2.

Dat 10/17/97