WELL SCHEDULE
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTER CARD

Record by: WN
Source of date: MSG3
Date: 5/72
Map: Hattiesburg

State: 21
County: Forrest
Sequential number: 1

Latitude: 31° 12' 21.4" N
Longitude: 89° 12' 21.52" W

Well number: A039 BC2 505 14 W

Local use: 184120

Owner or name: RAWLS, SPG, W, A

Ownership: County, Fed Govt, City, Corp or Co, Private, State Agency, Water Dist

Use of water: Air cond, Bottling, Comp, Dewater, Power, Fire, Dom, Irr, Med, Ind, F B, Rec

Stock Use: Inst, Und Used, Recharge, Recharge, Dem-P S, Desl-Other

Use of well: Ann, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data

Freq. W/L meas: 1

Field aquifer char.

Hyd. lab. data:

Qual. water data:

Freq. sampling:

Pumpage inventory:

Aperture cards:

Log data:

DATE OF LOG: 10/10/72

WELL DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1680 ft

Depth cased: 1620 ft

Casing type: 8 x 6 in

Finish: Notes

Method: Notes

Drilled: 5-5-72

Pump intake setting:

Driller: GRINER DLG, JER

Lift: Notes

Power: Notes

Descrip. HP:

Alt. LSD:

Water level:

Date meas:

Drawdown:

QUALITY OF WATER DATA:

Sp. Conduct

Temp.
HYDROGEOLOGIC CARD

Physiographic Province: 0:3
Drainage Basin: 1:3:N
Section:
Subbasin:

Topo of well site: (D) depression, (E) stream channel, (F) dunes, (G) flat, (H) hilltop, (I) sink, (J) swamp, (K) offshore, (L) pediment, (M) hillside, (N) terrace, (O) undulating, (P) valley flat

MAJOR AQUIFER:
System: [blank]
Series: [blank]
aquifer, formation, group: [blank]
Lithology: [blank]

Length of well open to: 65 ft
Depth to top of: 40 ft

MINOR AQUIFER:
System: [blank]
Series: [blank]
aquifer, formation, group: [blank]
Lithology: [blank]

Length of well open to: [blank]
Depth to top of: [blank]

Intervals Screened:
Depth to consolidated rock: [blank]
Source of data: [blank]
Depth to basement: [blank]
Source of data: [blank]

Surficial material: [blank]
Infiltration characteristics: [blank]
Coefficient: gpd/ft²
Coefficient: gpm/ft
Coefficient: Storage:

Sar Sketch: A.2b

Well north of slum tank

WL = 117.00
290 mP
114.60

Well 6-7 lower than tick site
### Water Well Drillers Log

**Landowner:** Paula Springs  
**Water Association:** #2  
**Well Location:** Hatfieldburg Mtn  
**Mailing Address:**  
**Well Purpose:** Home, irrigation, municipal, industrial  

<table>
<thead>
<tr>
<th>Description Encountered</th>
<th>From</th>
<th>To</th>
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</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Clay</td>
<td>3</td>
<td>107</td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>200</td>
<td>360</td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>360</td>
<td>392</td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>392</td>
<td>448</td>
</tr>
<tr>
<td>Clay</td>
<td>448</td>
<td>633</td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>633</td>
<td>710</td>
</tr>
</tbody>
</table>

**Well Completion Data:**  
1. Diameter (inches): 8.5"  
2. Total depth (feet): 634'  
3. Static water level (feet): 85 below top of ground  
4. Casing (material): 634'  
5. Screen: 40' (length), 640' (depth to top)  
6. Pump: 20 HP, 2.00 yield gpm  
7. Electric log: Yes  
8. How well bottom plugged: Back

**Drillers Remarks:**
APPLICATION FOR PERMIT TO DIVERT AND DRAW FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

MAY 1, 2000

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631: (601) 961-5202

<table>
<thead>
<tr>
<th>Issued: 7-24-90</th>
<th>Expires: 6-37-2010</th>
<th>Fee Paid: 1</th>
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<tbody>
<tr>
<td>Lat. 31 12' 57&quot;</td>
<td>Long. 89 21' 24&quot;</td>
<td>Elev. 221</td>
</tr>
<tr>
<td>Quad. Hatteburg</td>
<td>ASCS Farm No. STAC</td>
<td>MSDOH No. 180012-02</td>
</tr>
</tbody>
</table>

**THIS APPLICATION IS FOR (Circle one):** NEW PERMIT RENEWAL PERMIT NO. 60-1272

**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**

**LANDOWNER:** Rawls Springs Utility District 237-03-1867

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>39 Archie Smith Rd</td>
<td>Hattiesburg, MS 38408</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>SSN or Tax ID No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(SSN or Tax ID No.)</td>
</tr>
</tbody>
</table>

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

SE 1/4 of the SW 1/4 of Section 85, Township 15N, Range 14W, Forrest County

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**

**AQUIFER:**

**MISSISSIPPI DEPARTMENT OF HEALTH NO.:**

1. Proposed work will begin on 06/19/1972 and will be completed by 06/19/1972.
If well has already been drilled, when was well completed (date)? 06/19/1972
Under whose name was well originally drilled (if known)?

3. **Description of proposed or completed well:**
   (a) DEPTH OF WELL: 480 feet
   (b) SURFACE CASING: Length 424', Diameter 87', Type "Steel"
   (c) SCREEN: Length 40', Diameter 24 inches, Type "Wirewound" SS
   (d) PUMP: Type Saver, Size 25HP, Capacity 230 gallons per minute, Setting depth 230 feet
   (e) POWER UNIT: Type 35HP, Size horsepower

4. **PERMITTED VOLUME:**
   (a) 0.1 million gallons per day at a maximum rate of 230 gallons per minute
   (b) 0.1 M³/day at a maximum rate of 200 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): Submersible Pump
   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 Sorghum_________; 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)

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.

Tony Bryant
(Name)
39 Archie Smith Rd
(Address)
Hattiesburg, MS 39402
(City, State, Zip)
601-268-2748
(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 May, 20__ at Hattiesburg, County of Forrest

My commission expires __________

Evelyn Jean Loebin
Notary Public.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): C.A. Hornbeak / Hornbeak
DATE: 6/5/96

UNIT DEQ #: 82555 82859
FILE #: 063019B

HEALTH DEPT. #: 180012-02
ELEV. 221

USGS #: 2-132 A39 OLWR #: 12721


LOCATION: SE-NW-SW S 25 T 5 N R 14 W COUNTY: Forrest

LOCATION DESCRIPTION:
Prime Rd. 1 mi. North of Intersection of Prime Rd. & Rawls Springs Loop Rd. (Well is NW of Elev Tank)

CASING DIA: 8"  PUMP TYPE & SIZE: 20 HP Elec.

GPS FIELD LOCATION: LAT. 31° 22.089' LONG. 89° 21.653'

GPS CORRECTED LOCATION: LAT. 31.36786069 LONG. 89.36123792

REMARKS: GPS at well (31 22 04.355 89 21 41.264)

3D Points:
820.41 31 22 04.355
89 21 41.264