<table>
<thead>
<tr>
<th>Site ID</th>
<th>3.12638088283201 R=0* T=A*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data reliab.</td>
<td>3=C* Report. agency 4=USGS*</td>
</tr>
<tr>
<td>Lat.</td>
<td>31.2638* Long. 91° 08.82*</td>
</tr>
<tr>
<td>Location</td>
<td>NW S, 34 T, 06 N, 05 W*</td>
</tr>
<tr>
<td>Hyd. Unit</td>
<td>20* Date 21° 01.18.71*</td>
</tr>
<tr>
<td>Well use</td>
<td>23* Water Use 24* Hole depth 27° 7.5.1*</td>
</tr>
<tr>
<td>Status</td>
<td>273* Project No. 5=</td>
</tr>
<tr>
<td>Owner</td>
<td>STATE LINE</td>
</tr>
<tr>
<td>R=158*</td>
<td>Date 159° 02.10.11.19.84*</td>
</tr>
<tr>
<td>Drlg. 63°</td>
<td>18.4* Name Owner Method 65° H* Finish 66° 5*</td>
</tr>
<tr>
<td>Top csng. 77° 59° 1* Bot. csng. 78° 63.2° Diam. 79° 10°</td>
<td></td>
</tr>
<tr>
<td>Top csng. 77° 59° 1* Bot. csng. 78° 63.2° Diam. 79° 6°</td>
<td></td>
</tr>
<tr>
<td>Type 85° 59° 1* Top 83° 63.2° Bottom 84° 68.2°</td>
<td></td>
</tr>
<tr>
<td>Type 85° 59° 1* Top 83° 63.2° Bottom 84° 68.2°</td>
<td></td>
</tr>
<tr>
<td>YIELD 146* T=A* 1470 l Q 150° 300° Q/S 272°</td>
<td></td>
</tr>
</tbody>
</table>

134 flows 146 pumped
LIFT

Date: 3-8-02

R=42
T= A, *
Lift type: 43, *
Intake: 44, *
Power type: 45, *

LOGS

R=198
T= A, *
Log: 199, *
Top: 150, *
Bot: 703, *

R=198
T= A, *
Log: 199, *
Top: 200, *
Bot: 201, *

R=189
T= A, *
E Log No: 190, *
191: * MISS DIST *

ANAL

R=114
T= A, *
Year: 115, *
117: *
120: *

AQUIFERS

R=90
T= A, *
256, *
Top: 620, *
Bot: 690, *
Unit ID: 93, * 1, 2, 3, B, C, T, N *
Name of Unit: Whynson 94

R=90
T= A, *
256, *
Top: 91, *
Bot: *
Unit ID: 93 *
Name of Unit *

HYDRAULICS

R=98
T= A, *
999, *
Unit tested: 100, *
103: *

R=105
T= A, *
999, *
Test No: 106, *

107:

108:

110: *

Transmissivity (gal/d)/ft

Hydraul. cond. (gal/d)/ft²

Storage coeff. Boundaries

R=121
T= *
Yr begin: 122, *

Network: 258, *

Water Level Data Collection (1)

(200' from well no. 1)

Test well

TD 665' 

Well #4 115.85

75 gpm 

Well #3 123

pH = 8.3 

Fe = < 0.1

<table>
<thead>
<tr>
<th>Description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Clay &amp; Sand Shales</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td>Clay</td>
<td>35</td>
<td>95</td>
</tr>
<tr>
<td>Sand, Shale &amp; Rocks</td>
<td>97</td>
<td>119</td>
</tr>
<tr>
<td>Clay</td>
<td>119</td>
<td>161</td>
</tr>
<tr>
<td>Sand</td>
<td>161</td>
<td>203</td>
</tr>
<tr>
<td>Sand &amp; Clay Shale</td>
<td>203</td>
<td>245</td>
</tr>
<tr>
<td>Sand</td>
<td>245</td>
<td>287</td>
</tr>
<tr>
<td>Clay</td>
<td>287</td>
<td>329</td>
</tr>
<tr>
<td>Clay &amp; Sand Shale</td>
<td>329</td>
<td>496</td>
</tr>
<tr>
<td>Clay Shale</td>
<td>496</td>
<td>539</td>
</tr>
<tr>
<td>Lime Rock</td>
<td>539</td>
<td>622</td>
</tr>
<tr>
<td>Sand</td>
<td>622</td>
<td>692</td>
</tr>
<tr>
<td>Clay</td>
<td>692</td>
<td>723</td>
</tr>
</tbody>
</table>
**WATeR WELl DRILLeRS LOG**

**WAYNE**

**2/84**

**Z10**

**EEn#327**

**FEB - 1 1984**

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**

**Bureau of Land and Water Resources**

**Southport Mall**

**P.O. Box 10631**

**Jackson, Mississippi 39209**

**LANDOWNERS: TOWN OF STATE**

**LINE, WELl NO. 4**

(mailing address)

**WELL LOCATION: 37T R 5S**

(seccion)

(distance)

(miles)

(directio)

(miles)

(nearst town)

**WELL PURPOSE:**

(home, irrigat, municipal, industrial)

**WELL COMPLETION DATA:**

(1) diameter (inches)

(2) total depth (feet)

(3) static water level (feet)

(below top of ground)

(4) casing (material)

(depth)

(size)

(5) screen (length)

(deep to top)

(size)

(material)

(6) pump (HP)

(yield gpm)

(type power)

(7) electric log (yes or no)

(organization running log)

(8) how well bottom plugged

**RECEIVED**

**WELL COMPLETION DATA:**

- **Top Soil:** 0 - 3 feet
- **Clay:** 35 - 97 feet
- **Sand:** 97 - 197 feet
- **Clay:** 119 - 161 feet
- **Sand:** 151 - 203 feet
- **Clay:** 203 - 243 feet
- **Sand + Clay:** 243 - 282 feet
- **Sand:** 282 - 328 feet
- **Clay + Sand:** 328 - 436 feet
- **Clay, Hard:** 436 - 496 feet
- **Lime Rock:** 496 - 564 feet
- **Sand:** 564 - 616 feet
- **Clay:** 616 - 692 feet
- **Clay:** 692 - 703 feet

**Received:**
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 Bureau Rural Water Association Industrial

Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby

Fire Protection Flood Protection Other:

LANDOWNER:

Town of State Line

PO Box 95

State Line MS 39362 (601) 842-7725

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

Same as Above

Location of diversion/withdrawal point: E 34°, S 34°, N W 1/4 of the N W 1/4 of Section 34, Township 6N, Range 5W, County Wayne

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

(a) _______ acre-feet per year at a maximum rate of _______ gallons per minute

(b) _______ million gallons per day at a maximum rate of _______ gallons per minute

(c) _______ acre feet of storage at normal pool

(d) _______ per _______ at a maximum rate of _______ gallon per minute

Construction of proposed work will begin on (date) April 1, 1984 and will be completed by (date) June 1, 1984.

Water will be used from (month) January to (month) 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

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

SECTION A (to be completed if application is for surface water source)

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

2. Description of pump/diversion works:

(a) Pump (size and type): __________________________ Power Unit (size and type): __________________________

Lift: __________________________ feet Maximum capacity: __________________________ gallons per minute.

(b) Name of storage reservoir: __________________________ Dam height: __________________________ feet.

Surface area at normal pool: __________________________ acres. Storage capacity at normal pool: __________________________ acre-feet.

(Continued on back)
SECTION B (to be completed if application is for groundwater source)

1. Source of water is Wayneboro Sand

2. Description of proposed water well:
   (a) DEPTH OF WELL: 68 feet. DRILLER: Griner Drilling Service, Inc.
   (b) SURFACE CASING: Length: 61 feet, Diameter: 10 3/4 inches, Type: Wetted Steel
   (c) SCREEN: Length: 50 feet, Diameter: 6 inches, Type: Bar Wire 30A SS 002
   (d) PUMP: Type: Electric Size: 8" Capacity: 300 gallons per minute
   Number of stages: 1
   Setting depth: 170 feet
   (e) POWER UNIT: Type: Electric Size: 40 horsepower
   (f) TYPE OF COMPLETION: Naturally Developed

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>SECTION</th>
<th>NE 1/4</th>
<th>NW 1/4</th>
<th>SW 1/4</th>
<th>SE 1/4</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:

   How often will reservoir(s) be emptied and refilled?

3. MUNICIPAL or WATER ASSOCIATION
   Choose a or b
   (a) The number of people served is
   (b) The number of connections/customers is 209

   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?
   (Volume) (Year) (Volume) (Year) (Volume) (Year)

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year
   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?

5. RECREATION: Explain how water will be used:

6. OTHER use: Explain in detail:

REMARKS:

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

Perry A. Young
P.O. Box 145
State Line, MS 38362
601-848-7913 Home
601-848-7902 Work

The accompanying map is hereby declared a part of this application. The TEN DOLLAR ($10.00) permit fee is enclosed herewith.

Subscribed and sworn to before me this 19 day of Sept 1980 at State Line, MS.

County of Wayne, by
My commission expires

City Clerk, Notary Public
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Bishop  DATE: 8-4-84
UNIT DEQ #: 82859  FILE #: D060419A
HEALTH DEPT. #: 21005-00  ELEV. 250
USGS #: Z-9001 Z-70 OLWR #: GW-13026 13035
OWNER: Town of State Line  QUAD: State Line
LOCATION: NW/NW/S34T6N/RSW  COUNTY: Wayne
LOCATION DESCRIPTION: 1/2 mi. n. of City Hall on Rt. side of Main St.

CASING DIA:  PUMP TYPE & SIZE: 4.0 hp Elec.
GPS FIELD LOCATION: LAT. 31° 27.029  LONG. 88° 28.962
GPS CORRECTED LOCATION: LAT. 31.450528  LONG. 88.482749

REMARKS: