GU13026  DOT  0210005-01

TRANSMITTER FOR JOB
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. Z-69
E-Log No. 326
County Wayne
State Line Quad

Site ID: 31 27 57 08 83 29 01 01

Data relia. 3 C = 01 Report. agency 4 = USGS
Lat. 9 S 31 27 57 Long. 10 08 32 29 01
Location 13 W 54 S 27 T 61 N 05 46
Alt. 16 25 57

Hyd. Unit (OWDC) 20 Date 21 09 12 2 19 83

Well use 23 W Water Use 24 P Hole depth 27 7 0 4

WL 30 1 0 0 Date 31 1 0 0 3 1 1 9 8 3 Source 33 5

Status 273 = Project No. 5

Owner 361 STATE LINE

R = 158 T = A Date 159 12 1 01 1 1 9 8 3 Owner No. 3

R = 192 T = A Date 193 1 0 1 0 3 1 1 9 8 3 Temp. 196 900010

R = 192 T = A Date 193 1 0 1 0 3 1 1 9 8 3 Cond. 196 900095

R = 58 T = A Date 60 1 2 1 01 1 1 9 8 3 Remarks

Drill. 63 1 8 4 Name Girvin Dril. Method 65 H Finish 66 3

R = 76 T = A Date

Top csng. 776 0 Bot. csng. 78 6 2 2 Diam. 79 1 1 0 1

R = 76 T = A Date

Top csng. 776 58 2 Bot. csng. 78 6 3 2 Diam. 79 6

R = 82 T = A Date

Top 83 6 3 2 Bottom 84 6 1 7 2

Type 85 S Diam. 87 6 Size 88 0 0 8

R = 82 T = A Date

Top 83 6 3 2 Bottom 84 6 1 7 2

Type 85 Diam. 87 6 Size 88 0 0 8

Q = 146 T = A 147 1 Q 150 3 0 0 Q/S 272 6 5

134 flows 146 pumped
<table>
<thead>
<tr>
<th>LIFT</th>
<th>Date</th>
<th>Lift type</th>
<th>Intake</th>
<th>Power type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12/01/83</td>
<td>43' 1*</td>
<td>44*</td>
<td>45*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LOGS</th>
<th>Log</th>
<th>Top</th>
<th>Bot</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1996</td>
<td>200*</td>
<td>201*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E Log No.</th>
<th>1906</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>ANAL</th>
<th>Year</th>
<th>Name of Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1983</td>
<td>MISSISSIPPI</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit ID</th>
<th>Name of Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>93</td>
<td>23 W.S.B.R.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AQUIFERS</th>
<th>Unit tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>100*</td>
<td>103*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HYDRAULICS</th>
<th>Test No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>106*</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HOLE</th>
<th>Begin</th>
<th>Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>122*</td>
<td></td>
<td>258*</td>
</tr>
</tbody>
</table>

Water Level Data Collection (1)
<table>
<thead>
<tr>
<th>Date Well Completed</th>
<th>Firm Name</th>
<th>County Well Located</th>
<th>Landowner: Town of</th>
<th>Description of Formations Encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/83</td>
<td>269</td>
<td></td>
<td>STATE LINE, WELL</td>
<td>TOP SOIL</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>No. 3</td>
<td>CLAY</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SAND</td>
<td>112</td>
<td>138</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CLAY</td>
<td>172</td>
<td>197</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SAND</td>
<td>297</td>
<td>320</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CLAY + ROCKS</td>
<td>348</td>
<td>374</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SAND</td>
<td>367</td>
<td>390</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CLAY + ROCKS</td>
<td>392</td>
<td>415</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SAND, MUD</td>
<td>631</td>
<td>673</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CLAY</td>
<td>673</td>
<td>704</td>
</tr>
</tbody>
</table>

**WELL LOCATION:**

- Section: 34
- Township: 6
- Range: R 5
- Miles: (distance)
- Direction: (direction)
- Nearest Town: LIMESTONE

**WELL PURPOSE:**

- Home, Irrigation, Municipal, Industrial

**WELL COMPLETION DATA:**

1. **Diameter (inches):** 10 3/4
2. **Total Depth (feet):** 702.4
3. **Static Water Level (feet):** 163.76 below top of ground
4. **Casing (material):** STGD
   - **Depth:** 622
   - **Size:** 10 3/4
5. **Screen Length:** 60
6. **Screen Depth to Top:** 605.58 (605.58)
7. **Type Power:** ELECTRIC
8. **Electric Log:** YES
9. **Miss. Geol. Survey:**
   - **Organization Running Log:**
10. **Well Bottom Plugged:** BACK
11. **Drillers Remarks:**

**Coded:**

**Received:**

**Date:** February 14, 1984

**Miss. State Water Agency:**

**State Water Agency of Mississippi:**

**Official:**

**Received:**

**Date:** February 14, 1984

**Miss. State Water Agency:**
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 Rural Water Association Commercial (Examples: Hotel, Restaurant) Livestock Standby

Fire Protection Flood Protection Other:

LANDOWNER:

Name:

Town of State Line

P.O. Box 95

Address:

State Line MS 39362 (601) 848 - 7902

City

State and Zip

(Telephone Number)

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

Same as Above

(S/S or Tax ID No.)

Address

City

(State and Zip)

(Telephone Number)

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

Township Section 5N Range 5S County Wayne

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["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) __________ at a maximum rate of __________

Construction of proposed work will begin on (date) April 19, 1984 and will be completed by (date) June 19, 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 aquifer.

2. Description of proposed water well:
   (a) DEPTH OF WELL: 679.072 feet. DRILLER (name): Griswold Drilling Service, Inc.
   (b) SURFACE CASING: Length: 622 feet, Diameter: 10.3/4 inches. Type: Welded STEEL.
   (c) SCREEN: Length: 40 feet, Diameter: 6 inches. Type: Barmag 304 SS (209).
   (d) PUMP: Type: Electric Size: 8" Capacity: 300 gallons per minute.
   Number of stages: 12 Setting depth: 200 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 area, 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>TOWNSHIP</th>
<th>RANGE</th>
<th>SECTION</th>
<th>NE1/4</th>
<th>NW1/4</th>
<th>SW1/4</th>
<th>SE1/4</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?

<table>
<thead>
<tr>
<th>(Volume)</th>
<th>(Year)</th>
<th>(Volume)</th>
<th>(Year)</th>
<th>(Volume)</th>
<th>(Year)</th>
<th>(Volume)</th>
<th>(Year)</th>
</tr>
</thead>
</table>

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 D. Young
Po Box 145
State: MS
City, State, Zip: 39742
Telephone: 601-848-7513
Home 601-848-7902

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

Perry D. Young
(Signature)

Subscribed and sworn to before me this 19 day of Sept., 1992 at ______
County of Wayne 4th Day My commission expires

Notary Public

City, State
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): 5H Bishop  DATE: 8-4-94
UNIT DEQ #: 82 859  FILE #: DO809198
HEALTH DEPT. #: 2100005-01  ELEV. 262
USGS #: Z9000 269  OLWR #: GW-1302 13026
OWNER: Town of St. Clair  QUAD: St. Clair
LOCATION: NW NW S 34 T WN R SW  COUNTY: Wayne
LOCATION DESCRIPTION:

CASING DIA:  PUMP TYPE & SIZE: 40 Hp Elect. Turbine
GPS FIELD LOCATION: LAT. 31.27.035  LONG. 88.28.972
GPS CORRECTED LOCATION: LAT. 31.450569  LONG. 88.483184
REMARKS:


