### WATER WELL DRILLERS LOG

**LANDOWNER:** Willow Grove

**WATER ASSOC. WELL**

- **No. 2**
  - (mailing address)
  - **WELL LOCATION:**
    - sec. 27 T 8 S R 15 E
    - miles (distance) 0
    - direction (direction) S
    - nearest town

**WELL PURPOSE:** Municipal Water Supply

**WELL COMPLETION DATA:**

1. **diameter (inches):** 12 3/4
2. **total depth (feet):** 986
3. **static water level (feet) below top of ground:**
4. **casing steel:** 920 (material)
   - 123/4 (depth)
   - 60 (size)
5. **screen:** 926 (length)
   - 30 Y 5.5 (material)
6. **pump:** 500 (size)
   - 1.5 (yield gpm)
7. **electric log:** Yes
8. **how well bottom plugged:** Back

**RECEIVED**

**DEPT. OF NATURAL RESOURCES**
**BUREAU OF LAND & WATER RESOURCES**

**Oct 23 1980**

**WATER WELL DRILLING LOG - COVINGTON**

- **date well completed:** Oct 80
- **driller drilling sect. Covington**
- **firm name:**
- **county well located:**

<table>
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<tr>
<th>Description of formations encountered</th>
<th>from</th>
<th>to</th>
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<tbody>
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<td>150</td>
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<tr>
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<tr>
<td>Sand</td>
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<tr>
<td>Sandy Clay</td>
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<td>Sand &amp; Clay &amp; Gravel</td>
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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 - 2-22-76 A.G.

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<td>Checkmark</td>
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<td>CA-1587</td>
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<td>Long.</td>
<td>89° 29' 11&quot; W</td>
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<td>Aquifer</td>
<td>MOE W</td>
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<td>ASCS Farm No.</td>
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<tr>
<td>Tract No.</td>
<td>Basin No.</td>
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<tr>
<td>Remarks</td>
<td>Dam Inv.</td>
</tr>
</tbody>
</table>

THIS APPLICATION IS FOR (Circle one): NEW PERMIT (RENEWAL) PERMIT NO5-6W-01827

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: WILLOW GROVE WATER ASSN.

(Name) 64-0563948

(P.O. BOX 461)

(Address)

COLLINS MS 39428 (601) 765-0651

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

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 27 Township 8N Range 15W County Covington

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 (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MIocene

MISSISSIPPI DEPARTMENT OF HEALTH NO: 160010

2. Proposed work will begin on N/A, 19 __, and will be completed by N/A, 19 __._

If well has already been drilled, when was well completed (date)? Sept., 19 __.

Under whose name was well originally drilled (if known)? SAME

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 986 ft.

(b) SURFACE CASING: Length N/A, Diameter N/A inches; Type

(c) SCREEN: Length 60 feet; Diameter 8 inches; Type Stainless Steel

(d) PUMP: Type Electrical; Size 75 HP; Capacity 500 gallons per minute; Setting depth N/A feet

(e) POWER UNIT: Type VHS; Size 75 horsepower

4. PERMITTED VOLUME:

(a) N/A acre-feet per year at a maximum rate of N/A gallons per minute

(b) 0.125 million gallons per day at a maximum rate of 500 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 N/A; Cotton N/A; Oats N/A; Corn N/A; Soybeans N/A; Pasture N/A; Truck N/A; Wheat N/A; Grain Sorghum N/A; Other (specify): N/A
   Acres N/A
   A. Method of Irrigation (circle one) - Center Pivot  Flood  Furrow
   B. Land Condition (circle one) - Precision Land Formed  Smoothed
   C. ASCS Farm No. N/A  Tract No. N/A

2. FISH CULTURE: Explain how water will be used: N/A
   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 ____________________________ N/A
   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: ____________________________ N/A

6. OTHER USE: Explain in detail (if needed, attach another page): ____________________________ N/A

7. REMARKS: ____________________________ N/A

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

Dimple Wade
(Name)
P. O. Box 461
(Address)
Collins, MS 39428
(City, State, Zip)
601-765-0651
(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.

Dimple Wade
(Signature)

Subscribed and sworn to before me this 20th day of Oct, 19__ at Collins County of Covington

My commission expires ________________________________

Ligandia Baker, Notary Public.
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs taken 1960. Field checked 1965
Polyconic projection. 1927 North American datum
10,000-foot grid based on Mississippi coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

To place on the predicted North American Datum 1983
move the projection lines 15 meters south and
6 meters east as shown by dashed corner ticks
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak

DATE: 7/19/96

UNIT DEQ #: 82859

FILE #: B07 19 16 A

HEALTH DEPT. #: 160010-02 (No Tag)

ELEV. 451

USGS #: 6-28 038

OLWR #: MS-6W-04586.1587

OWNER: Willow Grove Water Assoc.

QUAD: Hot Coffee

LOCATION: NW-SW-NW 26 T 8N R 15W

COUNTY: Covington

LOCATION DESCRIPTION: AT Ground Tank on N. Side of Hwy 588,

3.55 mi. SE of Hwy 84 E. (Collins)

AT Intersection of Hwy 588 & Willow Grove Church Rd. & Pickering-Rogers Rd.

CASING DIA: 12"

PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 31° 38' 02.2" LONG. 89° 29' 08.7"

GPS CORRECTED LOCATION: LAT. 31.63328743 LONG. 89.48547629

REMARKS: GPS at well.

(Well is at east end of ground tank.)
Map center is 31° 38' 00"N, 89° 29' 08"W (WGS84/NAD83)

Hot Coffee quadrangle
Projection is UTM Zone 16 NAD83 Datum

http://www.topozone.com/print.asp?z=16&n=3502470.99951205&e=264270.999922725&s=24&si... 2/8/2005