<table>
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<th>HYDROGEOLOGIC CARD</th>
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<td>SAME AS ON MASTER CARD</td>
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<td>Physiographic Province:</td>
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<td>Drainage Basin:</td>
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<td>Topo of well site:</td>
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<td>Major Aquifer: system</td>
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<td>Aquifer, formation, group</td>
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<td>Lithology:</td>
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<td>Length of well open to:</td>
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<td>Minor Aquifer: system</td>
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<td>Lithology:</td>
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<td>Interval Screened:</td>
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<td>Depth to consolidated rock:</td>
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<td>Source of data:</td>
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<td>Depth to basement:</td>
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<td>Surficial material:</td>
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<td>Infiltration characteristics:</td>
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<td>Coefficient permeability:</td>
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<td>Coefficient storage:</td>
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<td>Pore size:</td>
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<td>Specific capacity:</td>
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**Mississippi Board of Water Commissioners**

**416 North State Street**

**Jackson, Mississippi 39201**

**March 01, 1972**

**Covington Water Well Drillers Log**

**Landowner:**

**Collins, Well No. 2**

**Location:**

Sec. 24 T. 8 N. R. 16 E.

5 1/2 miles south of town.

**Purpose:**

Home, irrigation, municipal, industrial.

**Completion Data:**

1. Diameter (inches): 16
2. Total depth (feet): 980
3. Static water level (feet) above top of ground: 87'
4. Casing R.T. 85',
   - Material: 16'' if telescope see back.
   - (size) 16''
5. Screen 86',
   - Length: 8'
   - Depth to top: 50.5 ft.
   - Material: 8'' HDG.
6. Pump 40 HP 500 GPM
   - Type power: Electric
7. Electric log: Yes
8. How well bottom plugged: Back

**Wells Encountered:**

- Top soil 0'-2'
- Clay, sand, gravel 2'-30'
- Sand 30'-50'
- Gravel 50'-70'
- Sand 70'-90'
- Clay 90'-93'

**Remarks:**

**Coded**

**ELog #61**
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. 1-9-96 AGN.

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<tr>
<td>Lat.</td>
<td>31°38'24&quot;</td>
<td>Long.</td>
<td>89°33'43&quot;</td>
<td>Elev.</td>
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<td>Quad.</td>
<td>Collins</td>
<td>ASCS Farm No.</td>
<td>STAC.</td>
<td>MSDOH No.</td>
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<td>Tract No.</td>
<td>Base No.</td>
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THIS APPLICATION IS FOR (Circle one): NEW PERMIT | RENEWAL - PERMIT NO. MS-GW-01126

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 Collins

(Name) 64-6000270 (SSN or Tax ID No.)

P. O. Box 400

(Address)

Collins MS 39428 (601) 765-4491 (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):

SE 1/4 of the SW 1/4 of Section 24 Township 8N Range 16W; 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: Catahoula Formation, MISSISSIPPI DEPARTMENT OF HEALTH NO.160002-01

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

If well has already been drilled, when was well completed (date)? August 1972. Under whose name was well originally drilled (if known)? City of Collins

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 922 feet. DRILLER: Griner Drilling Service, Inc.

(b) SURFACE CASING: Length 852 feet; Diameter 16" inches; Type Welded Steel

(c) SCREEN: Length 50 feet; Diameter 8 inches; Type 304 Stainless Steel

(d) PUMP: Type Turbine ; Size: 10" ; Capacity 500 gallons per minute; Setting depth 167'3" feet

(e) POWER UNIT: Type RU ; Size: 50 horsepower

4. PERMITTED VOLUME:

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

(b) 0.25 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 ____________________
   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
3. ____________________ 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? 2015: ____________________
   (Volume) 2010: ____________________ (Year) 2005: ____________________ (Volume) 2000: ____________________ (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.

Peggy W. Sanford
(Name)
P. O. Box 400
(Address)
Collins, MS 39428
(City, State, Zip)
601-765-4491
(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.

Peggy W. Sanford
(Signature)

Subscribed and sworn to before me this 2nd day of August, 1995, at Collins, County of Covington
My commission expires __________
February 9, 1998
Notary Public
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeck DATE: 7/18/96

UNIT DEQ #: 82859 FILE #: B071819A

HEALTH DEPT. #: 160002-01 ELEV. 312316

USGS #: F-23 OLWR #: M5-6W-01126

OWNER: City of Collins QUAD: Collins

LOCATION: SE-SE-SW 24 T 8N R 16W COUNTY: Covington

LOCATION DESCRIPTION: AT Elev Tank in NE corner of Intersection of Hwy 49 & Hwy 84 (Collins)

CASING DIA: 8" PUMP TYPE & SIZE: 50 HP Elec.

GPS FIELD LOCATION: LAT. 31°39'27.0" LONG. 89°33'40.7"

GPS CORRECTED LOCATION: LAT. 31°6'40.664 LONG. 89°56'15.3282

REMARKS: GPS at Well.