Problem: well that was GPS'd is gone; it may be B4 that was GPS'd.

WWD Exp. (GW)
April 1966

GW03236 DOH #180008-06

WELL SCHEDULE
U.S. DEPT. OF THE INTERIOR
WATER RESOURCES DIVISION
Hattiesburg, Miss.
April 1966

MASTER CARD
Record by: O. Cross Date: 9-20-66
Source of data: MSCS Map: 1-8
County: CP (or town): Forrest
Latitude: 10 13 1 N, Longitude: 8 38 32 W
Sequential number: 1

Lat-lon accuracy: 3 1 0 sec. 12 18 1 sec. 10
Local well number: 3023013205SN 13W
Owner or name: City of Hattiesburg
Address: 2

Ownership: County, Fed Gov't, City or Cty, Private, State Agency, Water Dist
Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test

Use of water: Stock, Intake, Unused, Repurpose, Recharge, Diesel-F, Diesel-other, Other

DATA AVAILABLE:
Well data: 79 Freq. W/L meas.: 79 Field aquifer char.
Hyd. lab. data: 79
Qual. water data: 79 Type: 79 Pumpage inventory: 79 Period: 79
Aperture cards: 79 Log data: Log 18-431 ft.

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD

Depth well: 10.7 ft. Meas. rep.: 24 3
Depth cased: 5.4 ft. Casing: 20 15 3
Drilled: 9.266 9.66 ft. Pump intake setting: 38
Finish: Potable gravel, gravel, alluvial, open perf., screen, ad. pt., shored, open hole
Method of Drilled: Air bored, cable, dug, jetted, air reverse trenching, driven, drive wash, rotary

Driller: Charles Well Survey

Lift: Air, bucket, cent, jet, (cont.)
Power: diesel, elec, gas, gasoline, hand, gas, wind, H.P.

Alt. LSD: 55' Sp. Acc.: 22 3
Water level: 42 Meas.: 48
Date: 12-6-66
Drewdown: 46 48
QUALITY OF WATER DATA:
Iron: 80 ppm
Sulfate: 80 ppm
Chloride: 80 ppm
Hard.: 77 ppm
Sp. Conduct: 10 X 10 K
Temp.: 74

Taste, color, etc.
HYDROGEOLOGIC CARD

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<tr>
<th>Latitude-longitude</th>
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<tr>
<td>Physiographic Province:</td>
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<td>Drainage Basin:</td>
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<td>Subbasin:</td>
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<tr>
<td>Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat</td>
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<td>Major Aquifer:</td>
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<td>Lithology:</td>
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<td>Length of well open to:</td>
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<td>Depth to top of:</td>
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<td>Aquifer, formation, group</td>
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<td>Depth to consolidated rock:</td>
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<td>Depth to basement:</td>
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<td>Surfacial material:</td>
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<td>Infiltration characteristics:</td>
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<td>Storage:</td>
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<tr>
<td>Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:</td>
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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): C. A. Hornbeck  DATE: 6/6/96
UNIT DEQ #: 82859  FILE #: B060616A
HEALTH DEPT. #: 180008-06  ELEV. 155
USGS #: B23  OLWR #: 3236
OWNER: City of Hattiesburg  QUAD: Hattiesburg
LOCATION: SW-NW-5W S 32T N 13W  COUNTY: Forrest
LOCATION DESCRIPTION: On Lakeview Rd Between well 180008-01
                   .1 mi SE of Water Plant #1 Bldg.
                   180008-02, plg.
CASING DIA: N/A  PUMP TYPE & SIZE: N/A  Abandoned well
GPS FIELD LOCATION: LAT. 31° 21.138  LONG. 89° 19.490
GPS CORRECTED LOCATION: LAT. 31°35'31.06"  LONG. 89° 32'98.1998"
REMARKS: At plant #1, should lie between 180008-01 and 180008-02 near road. Well has been
           abandoned. I think concrete pad is still there.
           (GPS at well pad.)
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) 965-3612

This box is for office use only: 2-11-97 A.G.

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<th>MSDH No.</th>
<th>Basin No.</th>
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<th>Dam Inv. No.</th>
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THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-03236

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. Fire Protection
4. Fish Culture
5. Recreation
6. Commercial (eg. Church, School)
7. Industrial (eg. Hotel, Casino, Restaurant)
8. Public Health
9. Livestock
10. Flood Protection
11. Other: Stand-By

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: City of Hattiesburg
(Name) 64-6000432 (SSN or Tax ID No.)

P.O. Box 1898
(Address)

Hattiesburg, MS 39403-1898 (City)
(601) 545-4500 (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):

MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180008-06

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Catahula

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

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

Under whose name was well originally drilled (if known)? City of Hattiesburg

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 450 Feet
(b) SURFACE CASING: Length 365 feet; Diameter 12 inches; Type Steel
(c) SCREEN: Length 80 feet; Diameter 8 inches; Type Slotted
(d) PUMP: Type Turbine; Size 10; Capacity 1000 gallons per minute; Setting depth 120 feet
(e) POWER UNIT: Type Electric; Size 75 horsepower

4. PERMITTED VOLUME:

(a) 0.0003 acre-feet per year at a maximum rate of 0 million gallons per day at a maximum rate of 1000 gallons per minute

(Continued on back)

changed to 3/13 928
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)
   A. Method of Irrigation (circle one) - Center Pivot  Flood  Furrow  Smootheed
   B. Land Condition (circle one) - Precision Land Formed
   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?
   9.2 MGD  10.6 MGD  12.2 MGD  14.0 MGD
   (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.

Charles Henderson
(Name)
Water Plant #2, 900 James St.
(Address)
Hattiesburg, MS 39401
(City, State, Zip)
601-545-4530
(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]  (Signature)

Subscribed and sworn to before me this 21st day of March, 1996, at Hattiesburg County of Forrest

My commission expires 8-23-96

[Signature]  (Signature) Notary Public