

WRD Exp. (GW)
April 1966

PURCHASED AND VERIFIED
ROLLA COMPUTATION BRAND

Well No. B5

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Jae Source of data _____ Date _____ Map Hattiesburg

State 28 County (or town) 18

Latitude: 31 21 15 N Longitude: 08 7 19 23 Sequential number: 1

Lat-long accuracy: 3 T. 5 S. R. 13 Sec. 32 NE 1/4 SW 1/4

Local well number: B005AC3205N13W Other number: #5 B & M

Local use: _____ Owner or name: HATTIESBURG Address: _____

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Other F

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed U

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: MSPON Complete 6-19-59

Freq. sampling: _____ Pumpage inventory: yes, no, period: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 621 ft Meas. rept accuracy 3

Depth cased; (first perf.): 534 ft Casing type: _____; Diam. 8 in

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (screen), (H) horiz. open end, (O) gallery, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 9/31 Pump intake setting: 138 ft 138

Driller: Blobenove Drily, New Orleans

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (U) other 7 Deep 40 Shallow

Power (type): (nat) diesel, (elec) gas, (LP) gasoline, (hand) gas, (wind) H.P. 75 Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 160.1 160 Accuracy: (source) 1

Water Level: 34.5 ft above below MP; Ft below LSD 34 Accuracy: 3

Date meas: 9/55 955 Yield: 990 gpm Method determined 1

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron 1 ppm Sulfate 16 ppm Chloride 2.0 ppm Hard. 38 ppm

Sp. Conduct _____ K x 10 6 Temp. _____ °F Date sampled 6-19-59 659

Taste, color, etc. _____

Well No.

B5

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hattiesburg
Quad.

GPS LOG

USER NAME(S): C.A. Hornbeak DATE: 6/29/94

UNIT DEQ #: 82555 FILE #: C062915A

HEALTH DEPT. #: 180008-02 (Tag missing) ELEV. 154

USGS #: 2-111 B5 OLWR #: 3237

OWNER: City of Hattiesburg

orig. lost

LOCATION: NE-NW-SW S 32 T 5N R 13W COUNTY: Forrest

LOCATION DESCRIPTION: 1/10 mi. East of old Pump Station on Lakeview Rd.

CASING DIA: 16" PUMP TYPE & SIZE: 75 HP Elec.

GPS FIELD LOCATION: LAT. 31° 21.186 LONG. 89° 19.754

GPS CORRECTED LOCATION: LAT. 31 21 12.653 LONG. 89 19 45.728

REMARKS: GPS at well. 31.3535 89.3294
31.353515 89.329369

Pump changed, saw old pump
w/ DOH # TAG

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW ^{Plant #1} ^{Well #5}
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

APR 05 1996

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. 2-11-97 AGN.

Issued: <u>8-26-86</u>	Expires: <u>8-26-2006</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>31-21-12</u>	Long. <u>89-19-46</u>	Elev. <u>154</u>	USGS No. <u>B5</u>
Quad. <u>Hattiesburg</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer:	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): RENEWAL - PERMIT NO. MS-GW-03237

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 Hattiesburg (Name) 64-6000432 (SSN or Tax ID No.)
P.O. Box 1898 (Address)
Hattiesburg, MS 39403-1898 (City) (State & Zip) (601) 545 4500 (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):
NW 1/4 of the SW 1/4 of Section 32, Township 05 N, Range 13W, County Forrest

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 MS-GW-03233, 03234, 03235, 03236, 03238, 11848, 11849

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Catahoula MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180008-02

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

3. Description of proposed or completed well:
 (a) DEPTH OF WELL: 690 feet. DRILLER: Carlos Well Supply
 (b) SURFACE CASING: Length 600 feet; Diameter 10 inches; Type Wrought Iron
 (c) SCREEN: Length 85 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) _____ acre feet per year at a maximum rate of _____ gallons per minute
 (b) 1.4 million gallons per day at a maximum rate of 1000 gallons per minute

30 (CONTINUED ON BACK) 990

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. Discription 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 15,300

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 2001; 10.6 MGD 2006; 12.2 MGD 2011; 14.0 MGD 2016
(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)

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

My commission expires 8-23-96; Melinda M. Nixon Notary Public.

OR

11. INGS 0.6 MI. R. 14 W. R. 13 W. 277 278 20' LAUREL 24 MI. MOSELLE INTERCHANGE 9 MI. 3146 IV NE (EASTABUCHIE)

