

FORM 9-1642 (1-68)

Well No. A 39

WELL SCHEDULE

Elev # 120

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED MAR 18 1974

MASTER CARD

Record by WTR Source of data MSGs Date 5/72 Map Hattiesburg

State 21 Miss 28 County (or town) FORREST 18

Latitude: 31 22 17 N Longitude: 08 9 21 5 2 Sequential number: 1

Lat-long accuracy: 2 5 0 14 E Sec 25 NW NE SW

Local well number: A039BC2505N14W Other number: B & M

Local use: 184120 Owner or name: RAWLS SPGS WA Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: Elev 10' - 740' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 680 Meas. 3

Depth cased: 4210 Casing type: 8x6 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

Method Drilled: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 5-5-72 972 Pump intake setting: _____ ft _____

Driller: GRINER DRLG SERV.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20 Trans. or meter no. _____

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

Alt. LSD: 230 Accuracy: topo 4

Water Level: _____ ft above _____ below MP; _____ below LSD Accuracy: _____ D

Date meas: 672 Yield: _____ gpm 200 Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Well No.

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: 13N Subbasin: _____

Topo of well site: (D) (C) (E) (F) (H) (K) (L) _____
 (O) (P) (S) (T) (U) (V) _____

MAJOR AQUIFER: system _____ series TM aquifer, formation, group HA
 Lithology: _____ Origin: 3 Aquifer Thickness: 65 ft

Length of well open to: 65 ft Depth to top of: 40 ft 640 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

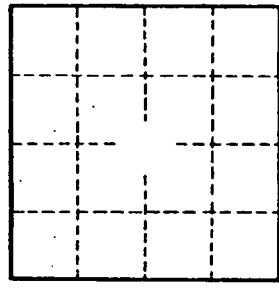
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

(Well north of F elev. tank)

See sketch in A24

$$\frac{WL = 11700}{2.90} \text{ MP} = 114.60$$

well 6-7' lower than tank side



Well No. _____

A 39
 Forrest
 Elog 120

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

June 1972 date well completed
 Minor Drilling Service firm name
 Forrest county well located

LANDOWNER: Pauls Springs
 Water Association #2
 Hattiesburg Miss.
 (mailing address)

description of formations encountered	from	to
Top Soil	0	3
Clay	3	107
Sand Coarse	107	200
Clay	200	266
Sand + Gravel	266	360
Sandy Clay	360	382
Sand + Gravel	382	468
Clay	468	633
Sand (Clay streak near bottom)	633	710

WELL LOCATION:
 sec 25 T 5 N R 14 E
 S W
 3 miles North of Hattiesburg
 (distance) (direction) (nearest town)

WELL PURPOSE:
 (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) $8\frac{5}{8}$ "
 (2) total depth (feet) 630'
 (3) static water level (feet) 85 below top of ground.
 (4) casing B.I. 634 (material), (depth)
 $8\frac{5}{8}$ (size) if telescope see back.
 (5) screen 40' 640 (length), (depth to top)
 6" .014 + .012 Slot, 30# SS (size), (material)
 (6) pump 20 200 (HP), (yield gpm)
 Elect. (type power)
 (7) electric log Yes (yes or no)
 MGS (organization running log)
 (8) how well bottom plugged Best Wash Valve

CODED

DRILLERS REMARKS:

RECEIVED

**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

MAY 11 2000
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.

6-27-00 AGN. Dept. of Environmental Quality
Office of Land & Water FORM OLR-AP-2 (REV. 9/94)

Issued: 7-24-90	Expires: 6-27-2010	Fee Paid: X	Permit No.
Lat. 312151	Long. 892124	Elev. 221	USGS No.
Quad. HATTIESBURG	ASCS Farm No.	STAC.	MSDOH No. 180012-02
Aquifer: MOCN	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. 60-12721

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: Rawls Springs Utility District 237031867
(Name) (SSN or Tax ID No.)
39 Archie Smith Rd
(Address)
Hattiesburg, Ms. 39402 (601) 268-2248
(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 25, Township DSN, Range 14W, 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. _____

SECTION B (to be completed for GROUNDWATER SOURCE)

- AQUIFER: _____ MISSISSIPPI DEPARTMENT OF HEALTH NO.: _____
- Proposed work will begin on _____, 19____, and will be completed by _____, 19____
If well has already been drilled, when was well completed (date)? 6, 1972. Under whose name was well originally drilled (if known)? _____
- Description of proposed or completed well:
 - DEPTH OF WELL: 680 feet. DRILLER: Griner Drilling Service
 - SURFACE CASING: Length 634 feet; Diameter 8 1/2 inches; Type Steel
 - SCREEN: Length 40 feet; Diameter 6 inches; Type Wirewound SS
 - PUMP: Type Sub; Size 254P; Capacity 230 gallons per minute; Setting depth _____ feet
 - POWER UNIT: Type _____; Size _____ horsepower
- PERMITTED VOLUME:
 - _____ acre-feet per year at a maximum rate of _____ gallons per minute
 - 0.1 million gallons per day at a maximum rate of 230 gallons per minute

0.1 M³/2/00 (CONTINUED ON BACK) 200

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: new submergible pumps
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 950 975
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 _____;
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.

Tony Bryant
(Name)
39 Archie Smith Rd
(Address)
Hattiesburg, Ms 39402
(City, State, Zip)
601-268-2248
(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.

Tony Bryant EGA
(Signature)
(Signature)

Subscribed and sworn to before me this 10th day of May, 2000, at Hattiesburg County of Forrest
MY COMMISSION EXPIRES OCT. 23, 2000
BONDED THRU STEGALL NOTARY SERVICE
My commission expires _____
Evelyn Jean Robbins Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Hartiesburg
quad.

GPS LOG

6/5/96

USER NAME(S): C.A. Hornbeak / Hornbeak DATE: ~~6/30/94~~

UNIT DEQ #: ~~82555~~ 82859 FILE #: ~~8060516A~~
~~8063019B~~

HEALTH DEPT. #: 180012-02 ELEV. 221

USGS #: 2-132 A39 OLWR #: 12721

OWNER: Rawls Springs Util. Assn.

LOCATION: S6-NW-SW S 25 T 5 N R 14 W COUNTY: Forrest

LOCATION DESCRIPTION: AT Elev. Tank .1 mi. North of Intersection of

Prine Rd. & Rawls Springs Loop Rd. (at N End of Prine Rd.)
(Well is NW of Elev Tank)

CASING DIA: 8" PUMP TYPE & SIZE: 20 HP Elec.

GPS FIELD LOCATION: LAT. ~~31° 22.089~~ LONG. ~~89° 21.653~~

GPS CORRECTED LOCATION: LAT. 31.36786069 LONG. 89.36123792

REMARKS: GPS at well ~~31 22 04.723~~ ~~89 21 40.348~~
Redo:

good
use
this

30 points
8-20-94 } 31 22 04.355
 } 89 21 41.264

3146 IV NW
(SANFORD)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

89° 22' 30" 275000m E. COLLINS 23 MI. RAWLES SPRINGS 0.6 MI. R. 14 W. R. 13 W. 277 278 20' LAUREL 24 MI. MOSELLE INTERCHANGE 9 MI. 314 (EAST)

3473000m N.

3472

3471

T. 5 N.

T. 4 N.

