

WRD Exp. (CW)  
April 1966

Well No. 17

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR      GEOLOGICAL SURVEY      WATER RESOURCES DIVISION

#### MASTER CARD

UNLOCATED AND UNVERIFIED  
WALLA WALLA COUNTY BRANCH

Record by JAC Source of data \_\_\_\_\_ Date \_\_\_\_\_ Map McLaurin

State WA County (or town) 18

Latitude: 31° 08' 29" N Longitude: 089° 13' 48" W Sequential number: 1

Lat-long accuracy: 3 T. 2 S. R. 12 E. Sec 18 NE, NE

Local well number: JCO7A1802N12W Other number: \_\_\_\_\_

Local use: 126 Owner or name: Paul Johnson et al.

Owner or name: JOHNSON STATE P Address: \_\_\_\_\_

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 5

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: PHU

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

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory: yes  no  period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

*Handwritten notes:*  
10/15/74  
W-131-65

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 332 Meas. 6

Depth cased: 292 Casing type: \_\_\_\_\_; Diam. 6

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other 5

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) 4

Drilled: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, wash, other

Date Drilled: 940 Pump intake setting: \_\_\_\_\_ ft

Driller: J.C. Calmes address \_\_\_\_\_

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

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

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; \_\_\_\_\_ ft below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_

Date \_\_\_\_\_ Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No. 17

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_  
 Drainage Basin: D 13Q Subbasin: \_\_\_\_\_

Topo of well site: (D) (C) (E) (F) (H) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp  
 (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 S

MAJOR AQUIFER: system \_\_\_\_\_ series TIM aquifer, formation, group H:A

Lithology: \_\_\_\_\_ Origin: 3 Aquifer Thickness: \_\_\_\_\_ ft  
 Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
 Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

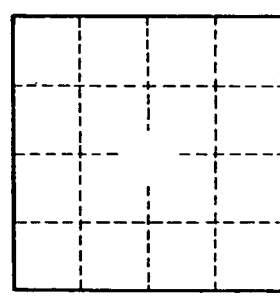
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No. 57

**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.

5-14-96 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>3-25-86</u>	Expires: <u>3-25-2006</u>	Fee Paid:	Permit No. <u>GW-2076</u>
Lat. <u>31 08 26</u>	Long. <u>89 14 14</u>	Elev. <u>280'</u>	USGS No.
Quad. <u>MC Levin</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-02076

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: Supply water services to Park. Campground, Cabins, Permittaries, Office, Bath Houses, Kitchen and three permanent residence.

**SECTION A** (to be completed by ALL APPLICANTS)

LANDOWNER: MS Dept. Wildlife, Fisheries & Parks (Paul B. Johnson State Park)  
(Name) (SSN or Tax ID No.)

319 Geiger Lake Road  
(Address)

Hattiesburg, MS 39401 (601) 582-7721  
(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):

NE<sup>NW</sup> 1/4 of the NE 1/4 of Section 18, Township 02N, Range 12W, 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)

1. AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180016-02

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 40. Under whose name was well originally drilled (if known)? \_\_\_\_\_

3. Description of proposed or completed well:  
(a) DEPTH OF WELL: 323 feet. DRILLER: \_\_\_\_\_  
(b) SURFACE CASING: Length \_\_\_\_\_ feet; Diameter 6 inches; Type \_\_\_\_\_  
(c) SCREEN: Length 40 feet; Diameter \_\_\_\_\_ inches; Type \_\_\_\_\_  
(d) PUMP: Type Submersible; Size 5hp; Capacity \_\_\_\_\_ gallons per minute; Setting depth 210 feet  
(e) POWER UNIT: Type \_\_\_\_\_; Size \_\_\_\_\_ horsepower

4. PERMITTED VOLUME:  
(a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute  
(b) 0.02 million gallons per day at a maximum rate of 120 gallons per minute

(CONTINUED ON BACK)

name change

MAP SENT

**SECTION C** (to be completed for **SURFACE WATER SOURCE**)

- Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_  
which drains into \_\_\_\_\_  
(major stream or river)
- 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)

- Name of storage reservoir: \_\_\_\_\_ Dam Height: \_\_\_\_\_ feet
- 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)**

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Oats \_\_\_\_\_; Corn \_\_\_\_\_; Soybeans \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Grain Sorghum \_\_\_\_\_; 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. \_\_\_\_\_

- 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?  
(Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)

- 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? \_\_\_\_\_

- RECREATION:** Explain how water will be used: *To supply water service to Park, Campgrounds, Cabins, Office, Bath Houses, Restrooms, Kitchen and Three permanent residences.*

- OTHER USE:** Explain in detail (if needed, attach another page): \_\_\_\_\_

- REMARKS:** \_\_\_\_\_

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

TV Lindan  
(Name)

319 Geiger Lake Road  
(Address)

Northburg, MS 39401  
(City, State, Zip)

601-582-7721  
(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.

Charles Martin  
(Signature)

Subscribed and sworn to before me this 7<sup>th</sup> day of Feb, 1996, at Northburg County of Jarvis

My commission expires My Commission Expires 5/14/97; Theda R. Pawley Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

McLaurin Quad  
6/6/96

Hornbeak

USER NAME(S): SH Bishop & CA Hornbeak DATE: ~~6-9-94~~  
UNIT DEQ #: 82859 / 82859 FILE #: ~~B060616B~~  
HEALTH DEPT. #: 180016-02 ELEV. 250  
USGS #: 2-144 J7 OLWR #: 2076

OWNER: Paul Johnson state park

LOCATION: <sup>nw</sup> NW-NE S 18 T 2 N R 12 W COUNTY: Foxrest

LOCATION DESCRIPTION: 400 ft East of Dormitory

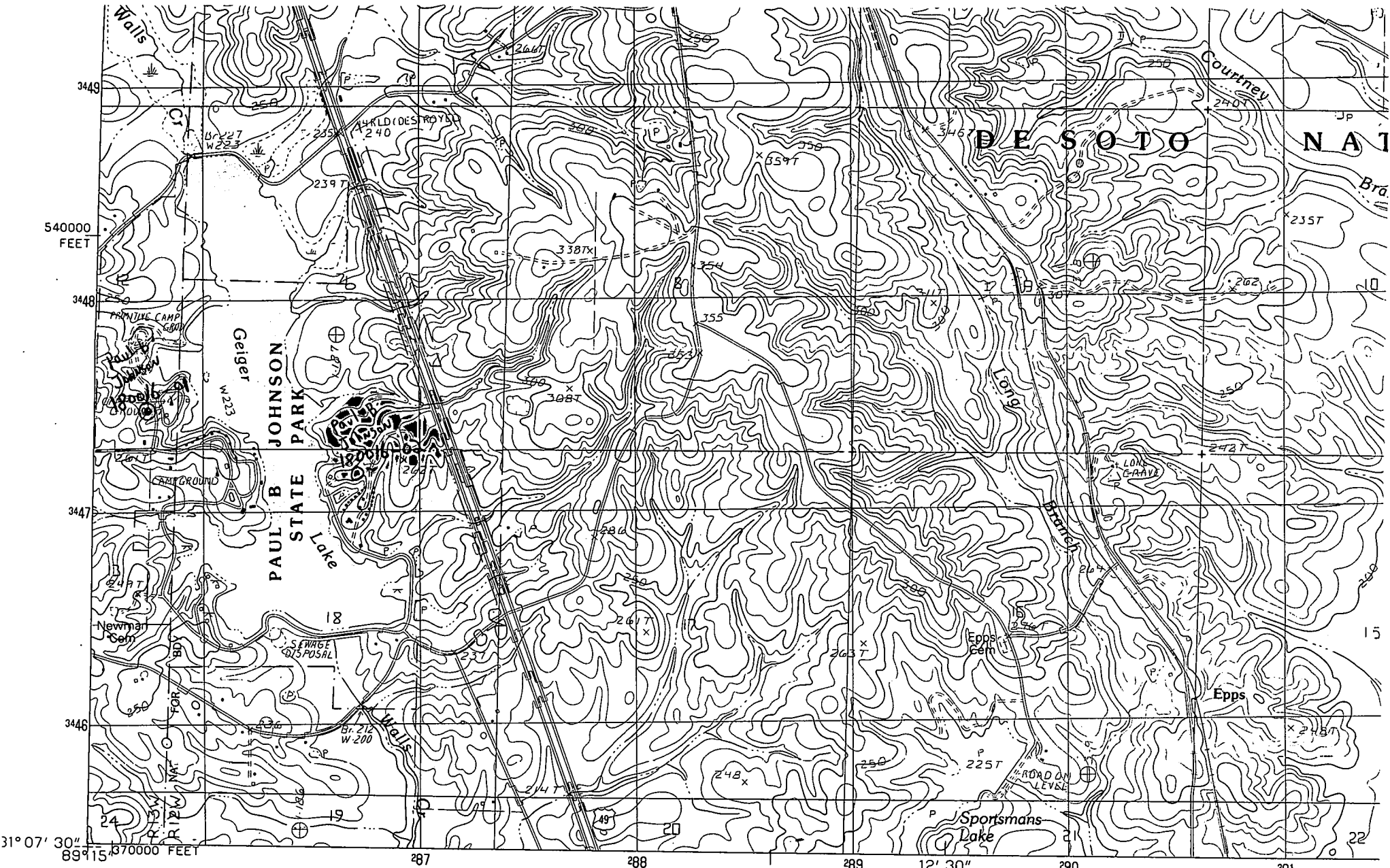
aT Bldg # 51 which is Pump + Tank House.  
(well is on N Side of Pump + Tank House)

CASING DIA: 4 PUMP TYPE & SIZE: 5 1/2"  
31° 08.261

GPS FIELD LOCATION: LAT. 31° 08.445 LONG. 89° 14.127  
89° 14.231

GPS CORRECTED LOCATION: LAT. 31.14076158 LONG. 89.23687616

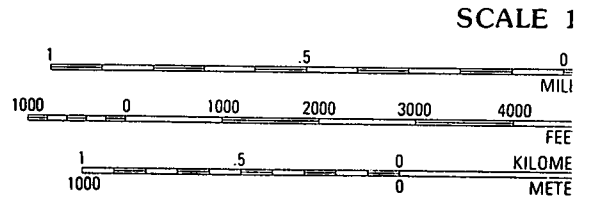
REMARKS: GPS Located at well  
There is also an abandoned well in Pump House.



31° 07' 30" 89° 15' 00" 0000 FEET

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
 CONTROL BY USGS AND NOS/NOAA  
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976  
 FIELD CHECKED 1980. MAP EDITED 1983  
 PROJECTION TRANSVERSE MERCATOR  
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16  
 10,000-FOOT STATE GRID TICKS MISSISSIPPI, EAST ZONE  
 UTM GRID DECLINATION 1°08' WEST  
 1983 MAGNETIC NORTH DECLINATION 3°00' EAST  
 VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM  
 To place on the predicted North American Datum of 1983  
 move the projection lines as shown by dashed corner ticks

**PROVISIONAL MAP**



CONTOUR INT. SUPPLEMENTARY CONT. To convert feet to mete