

WELL SCHEDULE
OFFICE OF LAND AND WATER RESOURCES

Fips 13
 Well No. K18
 Log No. _____

Recorded by: RP Data Source: Drillers log, E-log Date: 6/25/97

County: Calhoun Permit No.: GW14834 DOH No.: 0070008-02 (No tag)

1/4: NE 1/4: NE 1/4: SE Sec.: 2 TWN: 23N RNG: 9E

Quad: Bruce Elevation: 315

Plotted on quad? In field? From drillers log? _____ From ^{E-log} permit?

Latitude: 33° 53' 11.5" Longitude: 89° 18' 56.1" GPS? From quad? _____

Primary Aquifer: Gord. Secondary Aquifer: _____

Use: PS WA Well status: _____

Owner: Macedonia W.A.

Address: _____

Telephone: _____ Local Well Name: Well # 2

Date drilled: 1/18/96 Driller: Parks + Parks

Well depth: 2018 Well diameter: 8 Pump type: Submersible

Power type: Electric Pump capacity: 225 GPM

Screen interval(msl): -1663 to -1703 (land surface): 1978 - 2018

Type of logs: E-log, drillers log Log interval: 10 - 2120

Initial water level(l.s): 142' Date: 1/18/96

Measuring point description: _____

Water Quality Data? _____ Source: _____ Reliability: _____

Water Level Data? _____ Source: _____ Reliability: _____

Pump Test Data? _____ Source: _____ Reliability: _____

Water Use Data? _____ Source: _____ Reliability: _____

Water level data

This area for location map and notes

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

| | |
|---------------------------------------|--|
| COUNTY WELL LOCATED <u>Calhoun</u> | |
| WELL NUMBER <u>2</u> | CODED <input checked="" type="checkbox"/> |
| <u>K18</u> | |
| DATE WELL COMPLETED <u>1-18-96</u> | |

| |
|---|
| PERMIT NUMBER <u>GW14834</u> |
| NAME OF DRILLING FIRM <u>Parks & Parks</u> |

| | | | |
|--|---------------------------|-------------------------------------|-------------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER <u>MACEDONIA WATER ASSN</u> | | | |
| <u>RT 2 BOX 215</u> | | | |
| <u>Calhoun City, MS 38916</u> | | | |
| WELL LOCATION | SEC <u>2</u> | TOWNSHIP <u>23^N</u> | RANGE <u>9^E</u> |
| DISTANCE <u>2 1/2</u> Miles | DIRECTION <u>North</u> | NEAREST TOWN <u>Calhoun City</u> | |
| OTHER LANDMARK | | | |
| WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc. | | | |

| | | |
|--|----------------------------|---------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <u>Submersible</u> Turbine, Jet, Flowing Well, Other (Describe) | | |
| POWER TYPE (Circle One): <u>Electric</u> Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P <u>25</u> | | |
| Pump Capacity (GPM) <u>225</u> | No. of Stages <u>10</u> | Setting Depth <u>202</u> FT. |
| PUMP TEST | | |
| Well yielded <u>225</u> GPM with a drawdown of <u>7</u> ft. after <u>24</u> hours of pumping | | |

| | | |
|--|-----------------------------------|--|
| WELL DATA | | |
| Well Depth <u>2,018</u> | Casing Diameter (In.) <u>8</u> | Casing Length (Ft.) <u>1962</u> |
| Type of Casing <u>Steel</u> | Hole Depth <u>2,018</u> | Depth to Static Water Level <u>142.5'</u> |
| TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> <u>Uncreamed</u> Telescoped, Natural Development, Open Hole, Other (Describe) <u>20"</u> | | |
| WELL GROUTED TO A DEPTH OF <u>1962</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix | | |

| | | | |
|--|--|--|--|
| LOG DATA | | | |
| TYPE OF LOG RUN (Circle One): No Log Run, <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) | | | |
| Name of Organization Running Log <u>STATE</u> | | | |

| | | |
|--|---------------------------------------|-----------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <u>4</u> | Length - Feet <u>40</u> | Slot Size - Inches <u>.012</u> |
| Screen Type <u>Stainless Wirewrap</u> | Depth to Bottom - Feet <u>2018</u> | |

| | | | |
|---------------------------------|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |
| Driller's Remarks | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------|------|------------------------|------|------|
| Clay + SAND | 0 | 100 | gravel & rock | 1972 | 2034 |
| Clay + shell | 100 | 250 | shell, SAND & GRAVEL | 2034 | 2127 |
| Blue shell, Clay + SAND | 250 | 372 | | | |
| Blue shell + clay | 372 | 618 | | | |
| Black shell | 618 | 893 | | | |
| Shell clay + SAND | 893 | 955 | | | |
| Shell + clay | 955 | 1606 | | | |
| Shell, SAND + clay | 1606 | 1697 | | | |
| Hard Rock + SAND | 1697 | 1851 | | | |
| SAND + pink clay | 1851 | 1910 | | | |
| Shell + gravel | 1910 | 1972 | | | |

FEB 19 1997
Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/29/97

UNIT DEQ #: _____ FILE #: 8072919A

HEALTH DEPT. #: 07000 B-02??
No tag ELEV. 311'

USGS #: K18 OLWR #: GW14834

OWNER: Macedonia W.A. QUAD: Bruce

LOCATION: NE/SE S 2 T 23N R 9E COUNTY: Calhoun

LOCATION DESCRIPTION: On Hwy 9 at white elevated tank

1.1 miles north of industrial park Rd in
Calhoun City

CASING DIA: _____ PUMP TYPE & SIZE: submersible

GPS FIELD LOCATION: LAT. 33° 53' 10.5" N LONG. 89° 18' 56.2" W

GPS CORRECTED LOCATION: LAT. 33.886527 LONG. 89.31559453

REMARKS: New bldg, new elevated tank, but well

doesn't look new

