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State Well Report Part 1 - Driller's Log

County: SUNFLOWER
 Permit #: GW 40076
 Driller: HOUSTON DRILLING INC
 Date drilling completed: 4/25

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
 Well #: E-106
 L. S. Elevation: _____
 E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

| Information on Well Owner (Landowner if borehole is not for a water well) | Well or Borehole Location |
|--|---|
| Owner Name: <u>SHURDEN OWEN</u> | Latitude: <u>33° 47' 44" N</u> Longitude: <u>90° 35' 28" W</u> |
| Mailing Address: <u>Drew MS</u> | Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> , Survey-grade GPS |
| City _____ State _____ Zip Code _____ | USGS quad, _____ ¼ _____ ¼ Sec <u>10</u> Twn <u>22N</u> Rng <u>4W</u> |
| Telephone No. (____) _____ | Distance _____ Miles _____ Direction <u>W</u> of _____ Nearest Town <u>Drew</u> |

Well / Borehole Data

Date drilling started: 4/25 Date drilling completed: 4/25 Hole depth: 113 Hole diameter: 22

Location of the source of any surface water used for drilling: same 33° 47' 44" N 90° 35' 28" W

Method of dosing and volume of Chlorine used in drilling and development: 1/4 pound per 1000 GAL water

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____

Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Irrigation Fish Culture _____ Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 28 feet above or below (circle one) land surface Date measured: 4/26

Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 113 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 73 feet Casing diameter: 12" inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 12" inches Type of screen: PVC

Screen slot size: .030 inches Setting depth: From 73 feet to 113 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: SUNFLOWER
 Permit #: _____
 Driller: HOUSTON DRILLING
 Date completed: 4/26
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: E-106
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

| Well Owner Information | Well Location |
|---------------------------------------|---|
| Owner Name: <u>SHURDEN OWEN</u> | Latitude: <u>33°47'44"</u> Longitude: <u>090°35'28" W</u> |
| Mailing Address: <u>DREW MS</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| _____ | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| _____ | _____ 1/4 _____ 1/4 Sec <u>10</u> T <u>22</u> R <u>4</u> W |
| City _____ State _____ Zip Code _____ | Distance _____ Direction _____ Nearest Town _____ |
| Telephone No. (____) _____ | <u>5</u> Miles <u>W</u> of <u>DREW</u> |

| Pump Type Circle one | Power Type Circle one |
|--|--|
| Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/> | Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/> |
| Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input checked="" type="checkbox"/> | Electric Motor <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> |
| Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/> | Windmill <input type="checkbox"/> Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>30 HP</u> |
| Date Pump Installed: _____ | Setting Depth: <u>60'</u> feet |
| Rated Pump Capacity: <u>1800</u> Gallons Per Minute | Number of Stages: <u>2</u> |

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| Pump Test Data | Method of Measuring Water Level Circle one |
|--|--|
| Date Well Tested: _____ | Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/> |
| Static Water Level (A): _____ Feet Below Land Surface | Other (specify): _____ |
| Pumping Water Level (B): _____ Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: _____ Feet Below Land Surface | Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping |
| Test Pumping Rate: _____ Gallons Per Minute | |
| Duration of Pump Test (minimum 4 hours): _____ hours | |

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

PAUL POWELL _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer