

County: Humphreys  
 Permit #: GW-45300  
 Irrigation Equipment  
 Driller:  
 Date drilling completed: 6-14-11

**State Well Report**  
**Part 1 - Driller's Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

For Office Use Only:  
 Aquifer: B290  
 Well #: \_\_\_\_\_  
 L. S. Elevation: \_\_\_\_\_  
 B-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<br>(Landowner if borehole is not for a water well) | Well or Borehole Location   |
|--|---|
| Owner Name: <u>Edward Nerren Jr.</u>   | Latitude: <u>33° 14.482</u> Longitude: <u>90° 40.298</u>  |
| Mailing Address: <u>4802 Beasley Road</u>                                    | Method of Lat/Long (circle one): Conventional Survey,<br>USGS quad, <u>Hand-held GPS</u> Survey-grade GPS |
| <u>Isola</u> <u>Ms.</u> <u>38754</u>   | <u>NE</u> 1/4 <u>SE</u> 1/4 Sec <u>M</u> Twn <u>16N</u> Rng <u>5W</u>                                     |
| City State Zip Code  | NW SW Distance Direction Nearest Town   |
| Telephone No. ( )  | <u>4</u> Miles <u>SW</u> of <u>Isola</u>  |

**Well / Borehole Data**

Date drilling started: 6-14-11 Date drilling completed: 6-14-11 Hole depth: 124 Hole diameter: 18"

Location of the source of any surface water used for drilling: Surface Water  
 Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

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: 30 feet above of below (circle one) land surface Date measured: 6-16-11

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

Well depth: 124 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 84 feet Casing diameter: 10 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 85 feet to 124 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*



County: Humphreys  
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 Irrigation Equipment  
 Driller: \_\_\_\_\_  
 Date completed: 6-14-11  
 Copy information from block on Part 1

# STATE WELL REPORT

## Part 2

Pump Installer's Completion Report  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: B290  
 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>Edward Nerren Jr.</u>      | Latitude: _____ Longitude: _____  |
| Mailing Address: <u>4802 Beasley Road</u> | Method of Lat/Long (check one): Conventional Survey _____                                   |
| <u>Isola</u> <u>Ms.</u> <u>38754</u>      | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City State Zip Code                       | <u>NE</u> 1/4 <u>SE</u> 1/4 Sec <u>11</u> T <u>16N</u> R <u>5W</u>                          |
| Telephone No. ( ) _____                   | <u>NW</u> <u>SW</u> <u>12</u>   |
|   | Distance _____ Direction _____ Nearest Town _____   |
|   | <u>4</u> Miles <u>SW</u> of <u>Isola</u>  |

| Pump Type<br>Circle one  | Power Type<br>Circle one  |
|--|---|
| Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/> | Diesel Engine Gasoline Engine Natural Gas   |
| Bucket Piston Turbine  | <u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO |
| Centrifugal Rotary Flowing Well  | Windmill Other (specify): _____   |
| Other (specify): _____   | Horse Power Rating of Motor: <u>25</u>  |
| Date Pump Installed: <u>6-16-11</u>  | Setting Depth: <u>70</u> feet   |
| Rated Pump Capacity: <u>1100±</u> Gallons Per Minute   | Number of Stages: <u>1</u>  |

| Pump Test Data   | Method of Measuring Water Level<br>Circle one                                     |
|--|---|
| Date Well Tested: _____                                | Air Line Electric Measuring Line Steel Tape                                       |
| 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   |   |

This is for (circle one):    New Well    Replacement of Existing Pump    Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.  
 Patrick M. Chism 0695  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

B290



APPROVED  
JUL 11 2011  
[Signature]