

# State Well Report

## Part 1 - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2307  
Jackson, MS 39225  
(601)961- 5210  
(601)961- 5228 (fax)

County: George  
Permit #: \_\_\_\_\_  
Driller: Lyman  
Date drilling completed: 5/12/2014

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: L230  
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<br>(Landowner if borehole is not for a water well) | Well or Borehole Location   |
|--|---|
| Owner Name: <u>Ronald Childers Farms LLC</u>                                 | Latitude: <u>30° 48' 10"</u> Longitude: <u>88° 35' 22"</u>  |
| Mailing Address: <u>33081 Hwy 98</u>   | Method of Lat/Long (circle one): Conventional Survey,<br>USGS quad, Hand-held GPS, Survey-grade GPS |
| <u>Lucedale MS 39452</u><br>City State Zip Code                              | <u>SW 1/4 NE 1/4 Sec 49 Twn 35 Rng 6W</u>   |
| Telephone No. <u>(601) 947-2149</u>  | Distance _____ Miles _____ of _____<br>Direction _____ Nearest Town _____                           |

**Well / Borehole Data**

Date drilling started: 5/12/2014 Date drilling completed: 5/12/2014 Hole depth: 140 Hole diameter: 7 3/8"

Location of the source of any surface water used for drilling: NA

Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

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: 47 feet above or below (circle one) land surface Date measured: 5/12/2014

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

Well depth: 140 Well grouted to a depth of 15 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 110 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 4 inches Type of screen: saw

Screen slot size: .006 inches Setting depth: From 110 feet to 140 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**

Form: OLWR-SWR-1A (04/08)

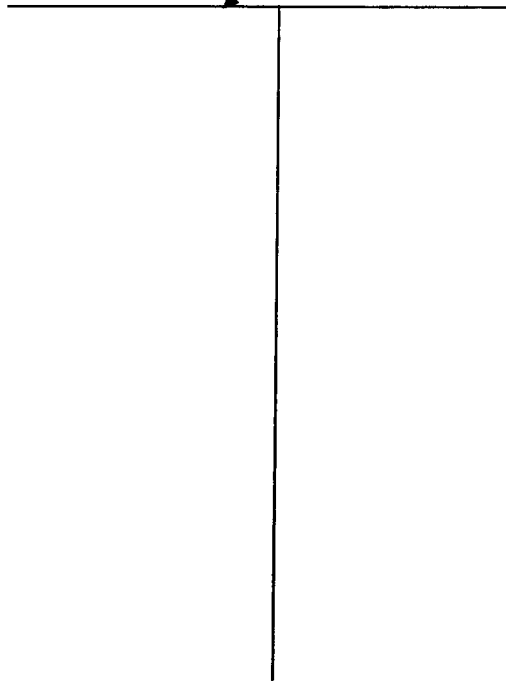
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JUN 04 2014  
**BY OLWR**

L 230

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|------------|
| top soil sandy                        | Ground Level | 25         |
| sand                                  | 25           | 50         |
| clay                                  | 50           | 110        |
| sand                                  | 110          | 140        |
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If more than one screen, show location of each on sketch

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) a north arrow.

Landowner Name: Ronald Childers

Form: OLWR-SWR-1A (04/08)

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Josh Radner 0-640 5/30/2014  
 Print Name of Responsible Licensee and License No.      Date

*[Signature]*  
 Signature of Licensee

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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 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

County: George  
 Permit #: \_\_\_\_\_  
 Driller: Lyman Well  
 Date completed: 5/12/2014  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: L230  
 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>Ronald Childers Farms LLC</u> | Latitude: <u>30 48 10</u> Longitude: <u>88° 38' 22" W</u>  |
| Mailing Address: <u>33081 Hwy 98</u>         | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Lucedale MS 39452</u>                     | <u>S 1/4 N 4 E 1/4 Sec 94 T 35 R 6W</u>  |
| City State Zip Code                          | Distance Direction Nearest Town  |
| Telephone No. <u>(601) 947 2149</u>          | _____ Miles _____ of _____   |

| Pump Type<br>Circle one                                  | Power Type<br>Circle one                  |
|--|---|
| Air Lift Jet <input type="checkbox"/> <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine                                    | <u>Electric Motor</u> Hand Tractor PTO    |
| Centrifugal Rotary Flowing Well                          | Windmill Other (specify): _____           |
| Other (specify): _____                                   | Horse Power Rating of Motor: <u>7.5</u>   |
| Date Pump Installed: <u>5/12/2014</u>                    | Setting Depth: <u>140</u> feet            |
| Rated Pump Capacity: <u>80</u> Gallons Per Minute        | Number of Stages: <u>10</u>               |

| Pump Test Data  | Method of Measuring Water Level<br>Circle one                               |
|---|---|
| Date Well Tested: <u>5/12/2014</u>                          | Air Line <input type="checkbox"/> <u>Electric Measuring Line</u> Steel Tape |
| Static Water Level (A): <u>47</u> Feet Below Land Surface   | Other (specify): _____  |
| Pumping Water Level (B): <u>120</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet                         |
| Drawdown [(B) - (A)]: <u>73</u> Feet Below Land Surface     | Well yielded <u>80</u> GPM with a drawdown of                               |
| Test Pumping Rate: <u>80</u> Gallons Per Minute             | <u>73</u> feet after <u>4</u> hours of pumping                              |
| Duration of Pump Test (minimum 4 hours): <u>4</u> hours     |   |

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

Josh Ladner 0-640 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 JUN 04 2014  
**BY OLWR**