

## STATE WELL REPORT

## Part I

## Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

## For Office Use Only:

Well #: J213

Aquifer: \_\_\_\_\_

E-Log #: \_\_\_\_\_

County: Sunflower  
Permit #: GW-48969  
Driller: Clarence McMurry  
Date drilling completed: 7-3-15

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.

| Well Owner Information<br>(Landowner if borehole is not for a water well) | Well or Borehole Location   |
|---|---|
| Owner Name: <u>KNB Farms</u>  | Latitude: <u>33° 36' 22.42"</u> Longitude: <u>90° 45' 8.61"</u>   |
| Mailing Address: <u>306 Ronaldman Rd</u>                                  | Method of Lat/Long (check one): Conventional Survey _____<br>USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____ |
| <u>Cleveland</u> <u>MS</u> <u>38732</u>                                   | <u>NW</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$ , Sec <u>06</u> T <u>20N</u> R <u>05W</u>                                     |
| City State Zip Code   | <u>.78</u> Miles <u>East</u> of <u>Shaw</u>   |
| Telephone No. <u>(662) 822-7359</u>                                       | (Distance) (Direction) (Nearest Town)   |

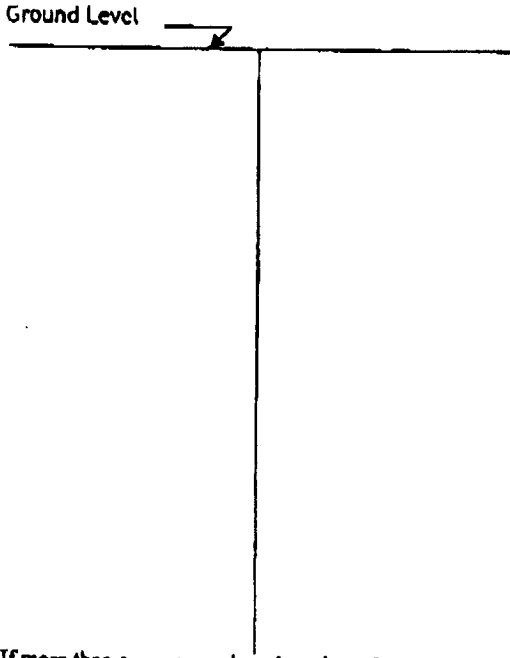
| Well / Borehole Data   |  |
|--|--|
| Date drilling started: <u>7-3-15</u> Date drilling completed: <u>7-3-15</u> Hole depth: <u>125'</u> Hole diameter: <u>22"</u>                              |  |
| Location of the source of any surface water used for drilling: <u>well 1/4 mile away</u>   |  |
| Method of dosing and volume of Chlorine used in drilling and development: _____  |  |
| Logs run (circle all applicable): <u>No Log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____  |  |
| Name of organization running log(s): _____   |  |
| Purpose of borehole (circle one): <u>Water Well</u> Geotechnical/Geological Investigation Ground Source Heat Pump<br>Seismic Survey Other (describe) _____ |  |
| <i>If drilling is not related to water well construction, skip the remainder of this block</i>   |  |
| Purpose of Well (circle all applicable): Home Industrial Public Supply <u>Irrigation</u> Fish Culture  |  |
| Other (describe): _____  |  |
| If a flowing well, method of flow regulation: Valve _____ Other (describe) _____   |  |
| Static Water Level: <u>43</u> feet (above or below) land surface Date measured: <u>7-8-15</u><br>(circle one)  |  |
| Method of measurement (circle one): Steel tape <u>Electric tape</u> Air line Other (describe): _____   |  |
| Well depth: <u>125'</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): <u>Neat Cement</u> Bentonite Mix                            |  |
| Casing length: <u>90</u> feet Casing diameter: <u>12</u> inches Type of casing: <u>PVC</u>   |  |
| Screen length: <u>35</u> feet Screen diameter: <u>12</u> inches Type of screen: <u>PVC</u>   |  |
| Screen slot size: <u>.050</u> inches Setting depth: From <u>90</u> feet to <u>125</u> feet   |  |
| Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Open hole Natural Development   |  |
| Other (describe): _____  |  |
| Top of lap pipe or reduction in casing: <u>N/A</u> feet  |  |
| <i>If telescoped or more than one screen, describe on next page</i>  |  |

County: Sunflower  
 Permit #: GW-48969

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The sketch below only required for water wells

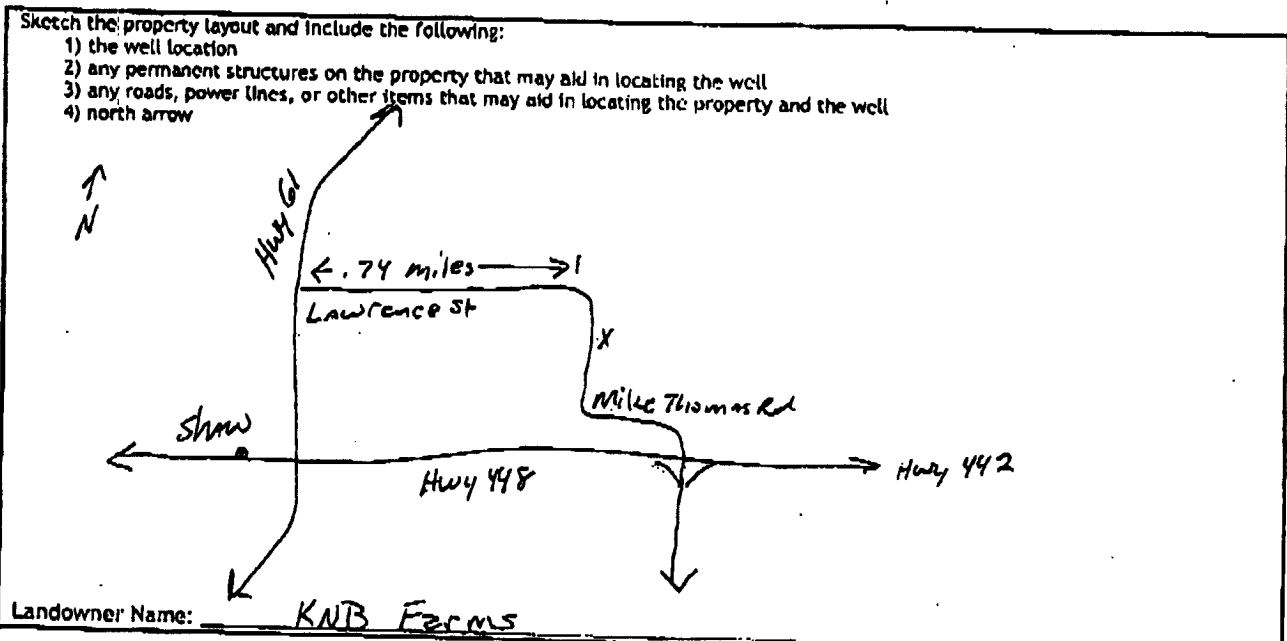
If well (clescopes, show depths on sketch,



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 Sand                         | Ground level | 5          |
| Clay                                  | 5            | 18         |
| Fine Sand                             | 18           | 27         |
| Clay                                  | 27           | 29         |
| Medium Sand & Pen Gravel              | 29           | 40         |
| Medium/Coarse Sand & Pen Gravel       | 40           | 79         |
| Fine Sand                             | 79           | 83         |
| Medium/Coarse Sand & Pen Gravel       | 83           | 88         |
| Coarse Sand & Pen Gravel              | 88           | 97         |
| Medium Sand                           | 97           | 101        |
| Medium/Coarse Sand & Pen Gravel       | 101          | 109        |
| Coarse Sand & Pen Gravel              | 109          | 121        |
| Medium/Coarse Sand & Pen Gravel       | 121          | 125        |
|                                       |              |            |
|                                       |              |            |
|                                       |              |            |
|                                       |              |            |

If more than one screen, show location of each on sketch



I HEREBY 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.

Clayton Miller 0-703 7-9-15 Clayton Miller  
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

### 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 39225-2309  
 (601)961-5210  
 (601) 360-0535 (fax)

**For Office Use Only:**  
 Well #: J 213  
 Aquifer: \_\_\_\_\_

County: Sunflower  
 Permit #: GW-48969  
 Driller: John Rybolt IV  
 Date completed: 7-8-15  
*Copy information from block on Part 1*

*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>KNB Farms</u>        |              | Latitude:  | <u>33° 36' 22.42"</u> Longitude: <u>90° 45' 8.61"</u> |
| Mailing Address:                    | <u>306 Ronaldman Rd</u> |              | Method of Lat/Long (check one):  | Conventional Survey _____                             |
|                                     |                         |              | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> _____, Survey-grade GPS _____ |   |
| <u>Cleveland</u>                    | <u>MS</u>               | <u>38732</u> | <u>NW</u> 1/4 <u>SE</u> 1/4, Sec <u>06</u> T <u>20N</u> R <u>05W</u>                             |   |
| City                                | State                   | Zip Code     | <u>.78</u> Miles <u>East</u> of <u>Shaw</u>  |   |
| Telephone No. <u>(662) 822-7359</u> |                         |              | (Distance) (Direction) (Nearest Town)  |   |

**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
 Date Pump Installed: 7-8-15 Rated Pump Capacity: \_\_\_\_\_ Gallons Per Minute  
 Is This Pump (circle one):  New  Repaired  Replacement

**Power Type (circle one)**  
 Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_  
 Horse Power Rating of Motor: 30 Setting Depth: 80 feet Number of Stages: 1

**Pump Test Data for Non Flowing Well**  
 Date Well Tested: NOT TESTED Duration of Pump Test (minimum 4 hours): N/A hours  
 Static Water Level (A): 43 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface  
 Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: N/A Gallons Per Minute  
 Method of measurement (circle one):  Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**  
 Measured shut in head: \_\_\_\_\_ feet.  
 Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

**Meter Installation**  
 Meter Manufacturer: \_\_\_\_\_ Meter Serial Number: \_\_\_\_\_  
 Meter Model Number/Name: \_\_\_\_\_ Type of Meter: \_\_\_\_\_  
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): \_\_\_\_\_  
 Installation Date: \_\_\_\_\_ Meter installed by: \_\_\_\_\_  
 Is This Meter (circle one):  New  Repaired  Replacement  
*Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.*

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.  
Clayton Miller 0-703 7-9-15 Clayton Miller  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer