

Lawrence

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

For Office Use Only:

Well #: J55
Aquifer: _____
E-Log #: _____

County: Lincoln
Permit #: _____
Driller: James M. Wells
Date drilling completed: 3-3-17

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 (Landowner if borehole is not for a water well) | Well or Borehole Location |
|---|--|
| Owner Name: <u>King Family Farms</u> | Latitude: <u>31°28.4</u> Longitude: <u>090°14.30</u> |
| Mailing Address: _____ | <u>31-28-0A</u> <u>90-14-30</u> |
| <u>73 Summers Rd.</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Brookhaven MS 39601</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | <u>SW 1/4 SW 1/4, Sec 19 T 6N R 10E</u> |
| Telephone No. (<u>601</u>) <u>587-0621</u> | _____ Miles _____ of _____ |
| | (Distance) (Direction) (Nearest Town) |

| Well / Borehole Data | |
|--|--|
| Date drilling started: <u>3-3-17</u> | Date drilling completed: <u>3-3-17</u> Hole depth: <u>150</u> Hole diameter: <u>7 1/2"</u> |
| Location of the source of any surface water used for drilling: <u>running</u> | |
| Method of dosing and volume of Chlorine used in drilling and development: <u>granule chlorine</u> | |
| Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____ | |
| Name of organization running log(s): _____ | |
| Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump | |
| <input type="checkbox"/> Seismic Survey <input type="checkbox"/> 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 <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/> | |
| Other (describe): <u>chicken house</u> | |
| If a flowing well, method of flow regulation: Valve _____ Other (describe) _____ | |
| Static Water Level: <u>60</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>3-3-17</u> | |
| Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe) _____ | |
| Well depth: <u>150</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix | |
| Casing length: <u>120</u> feet | Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u> |
| Screen length: <u>30</u> feet | Screen diameter: <u>4</u> inches Type of screen: <u>pvc</u> |
| Screen slot size: <u>.008</u> inches | Setting depth: From <u>120</u> feet to <u>150</u> feet |
| Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> 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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BY OLWR

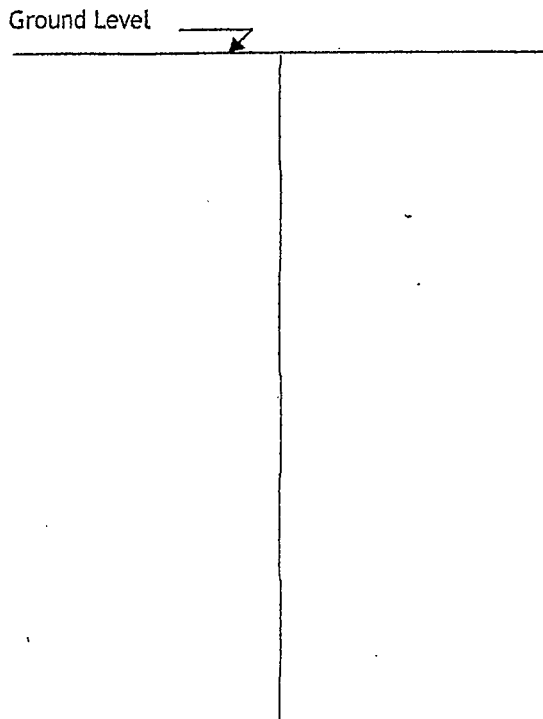
Lawrence

County: Lincoln
 Permit #: _____

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The sketch below only required for water wells

If well telescopes, show depths on sketch.



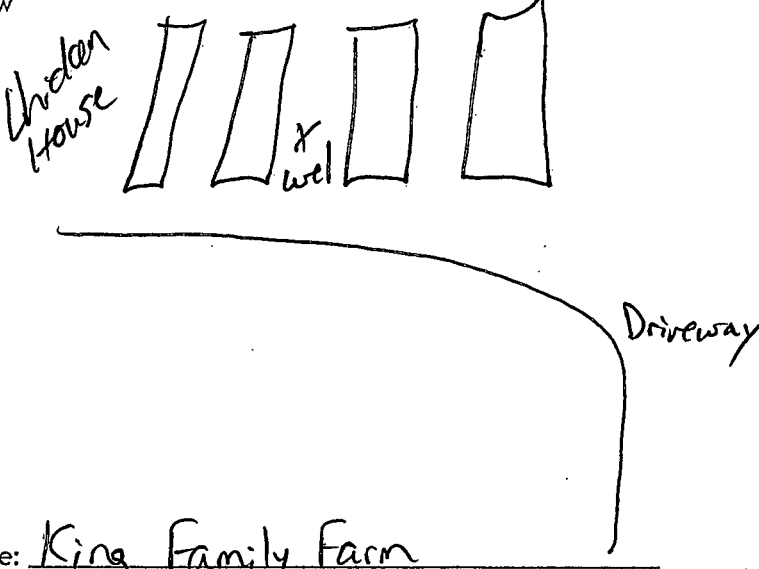
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|------------|
| topsoil | Ground level | 1 |
| clay | 1 | 35 |
| sand | 35 | 45 |
| clay | 45 | 90 |
| sand | 90 | 150 |
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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) north arrow



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Landowner Name: King Family Farm

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.

James M. Wells 00005889 _____ James M. Wells
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

STATE WELL REPORT

County: Lawrence
 Permit #:
 Driller: James M. Wells
 Date completed: 3-3-17
Copy information from block on Part 1

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 #: J55
 Aquifer:

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>King Family Farm</u> | Latitude: <u>31° 28.4</u> Longitude: <u>90° 14.30</u> |
| Mailing Address: <u>73 Summers Rd</u> | Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> , USGS quad <u> </u> , Hand-held GPS <input type="checkbox"/> , Survey-grade GPS <input type="checkbox"/> |
| <u>Brookhaven</u> <u>MS</u> <u>39601</u> | <u>SW</u> ¼ <u>SW</u> ¼, Sec <u>19</u> T <u>6N</u> R <u>10E</u> |
| City State Zip Code | <u> </u> Miles of <u> </u> |
| Telephone No. <u>(601) 587-0621</u> | (Distance) (Direction) (Nearest Town) |

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe):

Date Pump Installed: 3-3-17 Rated Pump Capacity: 55 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: 5 Setting Depth: 120 feet Number of Stages: 13

Pump Test Data for Non Flowing Well

Date Well Tested: 3-3-17 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 66 Feet Below Land Surface Pumping Water Level (B): 120 Feet Below Land Surface

Drawdown [(B) - (A)]: 72 Feet Below Land Surface Test Pumping Rate: 65 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.

James M. Wells 00005889 James M. Wells
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer