

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 #: F100
Aquifer: _____
E-Log #: _____

County: Lamar

Permit #: _____

Driller: James M. Wells

Date drilling completed: 12-22-15

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.

#2

Well Owner Information (Landowner if borehole is not for a water well) Owner Name: <u>Orcin Thornhill</u> Mailing Address: <u>778 Prosper Ridge Rd.</u> <u>Columbia MS 39429</u> City State Zip Code Telephone No. <u>(601) 606-1157</u>	Well or Borehole Location Latitude: <u>31° 13.252</u> Longitude: <u>89° 39.132</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>NW 1/4 SW 1/4, Sec 18 T 3N R 16W</u> <u>16</u> Miles <u>E</u> of <u>Columbia</u> (Distance) (Direction) (Nearest Town)
---	--

Well / Borehole Data Date drilling started: <u>12-22-15</u> Date drilling completed: <u>12-22-15</u> Hole depth: <u>115</u> Hole diameter: <u>7 1/2"</u> Location of the source of any surface water used for drilling: <u>running creek</u> Method of dosing and volume of Chlorine used in drilling and development: <u>granule chlorine</u> 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 Seismic Survey Other (describe) _____

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

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture Other (describe): <u>chicken house</u> If a flowing well, method of flow regulation: Valve _____ Other (describe) _____ Static Water Level: <u>8</u> feet [above or <u>below</u> land surface (circle one) Date measured: <u>12-22-15</u> Method of measurement (circle one): <u>Steel tape</u> Electric tape Air line Other (describe): _____ Well depth: <u>115</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>95</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u> Screen length: <u>20</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>95</u> feet to <u>115</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: _____ feet
--

If telescoped or more than one screen, describe on next page

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 #: F100

Aquifer: _____

County: Lamar
Permit #: _____
Driller: James M. Wells
Date completed: 12-22-15
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.

#2

Well Owner Information	Well Location
Owner Name: <u>Orcin Thornhill</u>	Latitude: <u>31°13.252</u> Longitude: <u>089°39.132</u>
Mailing Address: _____ <u>778 Prosperes Ridge Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Columbia</u> <u>MS</u> <u>39429</u>	_____ 1/4 _____ 1/4, Sec. <u>18</u> T <u>3N</u> R <u>16W</u>
City State Zip Code	<u>11.6</u> Miles <u>E</u> of <u>Columbia</u>
Telephone No. <u>(601) 606-1157</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 12-22-15 Rated Pump Capacity: 27 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: 3 Setting Depth: 110 feet Number of Stages: 11

Pump Test Data for Non Flowing Well

Date Well Tested: 12-22-15 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 80 Feet Below Land Surface Pumping Water Level (B): 110 Feet Below Land Surface

Drawdown [(B) - (A)]: 87.30 Feet Below Land Surface Test Pumping Rate: 35 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

FEB 03 2016

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 1-31-16 James M. Wells
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer