

County: Perry
 Permit #: _____
 Driller: R. Conin
 Date drilling completed: 7-4-2011

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: D62
 Well #: _____
 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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Emma Robbins Lyon</u>	Latitude: <u>31° 20' 40"</u> Longitude: <u>89° 04' 57"</u>
Mailing Address: <u>20 David Cooley Rd</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held <u>GPS</u> , Survey-grade GPS
<u>Petal</u> <u>MS</u> <u>39465</u>	<u>N</u> 1/4 <u>E</u> 1/4 Sec. <u>3</u> Twn <u>4/N</u> Rng <u>11/W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 604 8726</u>	<u>5</u> Miles <u>S</u> of <u>Kannelstown MS</u>

Well / Borehole Data

Date drilling started: 6/28 Date drilling completed: 7-4-2011 Hole depth: 380' Hole diameter: 4x2

Location of the source of any surface water used for drilling: Comm. water system
 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: 120 feet above or below (circle one) land surface Date measured: 7-4-2011

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

Well depth: 380 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 350 feet Casing diameter: 4"x2" inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 350 feet to 380 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: 280 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
 (601)961-5210
 (601)961-5228 (fax)

County: Perry
 Permit #: _____
 Driller: R. Cain
 Date completed: 7-4-2011
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: _____
 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>Emma Robbin Lyon</u>	Latitude: <u>31°20'40"</u> Longitude: <u>89°04'57"</u>
Mailing Address: <u>20 David Cooley Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Petal</u> <u>MS</u> <u>39465</u>	USGS quad _____, Hand-held <input checked="" type="checkbox"/> GPS _____, Survey-grade GPS _____
City State Zip Code	<u>N</u> 1/4 <u>E</u> 1/4 Sec <u>3</u> T <u>4/N</u> R <u>11/W</u>
Telephone No. <u>(601) 606 8726</u>	Distance _____ Miles Direction <u>S/E</u> of Nearest Town <u>Roundstone MS</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<input checked="" type="checkbox"/> <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>7-4-2011</u>	Setting Depth: <u>240</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level
Circle one	Circle one
Date Well Tested: _____	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Steel Tape</u>
Static Water Level (A): <u>120</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>160</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>40</u> Feet Below Land Surface	Well yielded <u>15</u> GPM with a drawdown of
Test Pumping Rate: <u>15</u> Gallons Per Minute	<u>40</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> 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.

MS Water Well Drilling Randall Cain
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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