

County: Marion
 Permit #: 0-586
 Driller: JAMES WELLS
 Date drilling completed: 8-1-12

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: _____
 Well #: G112
 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.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Robert Morgan</u> Mailing Address: <u>247 Riley Rd.</u> <u>Columbia MS 39429</u> City State Zip Code Telephone No. <u>(601) 736-0579</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>31°19.883</u> Longitude: <u>089°46.745</u> Method of Lat/Long (circle one): <u>53</u> Conventional Survey, <u>AA</u> USGS quad, Hand-held GPS, Survey-grade GPS <input checked="" type="checkbox"/> <u>SW 1/4 SE 1/4 Sec 2</u> Twn <u>4N</u> Rng <u>18W</u> Distance Direction Nearest Town <u>12</u> Miles <u>N</u> of <u>Columbia</u></p>
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Well / Borehole Data

Date drilling started: 8-1-12 Date drilling completed: 8-1-12 Hole depth: 120 Hole diameter: 7 1/2"

Location of the source of any surface water used for drilling: community shack
 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: 70 feet above or below (circle one) land surface Date measured: 8-1-12

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 100 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 100 feet to 120 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)

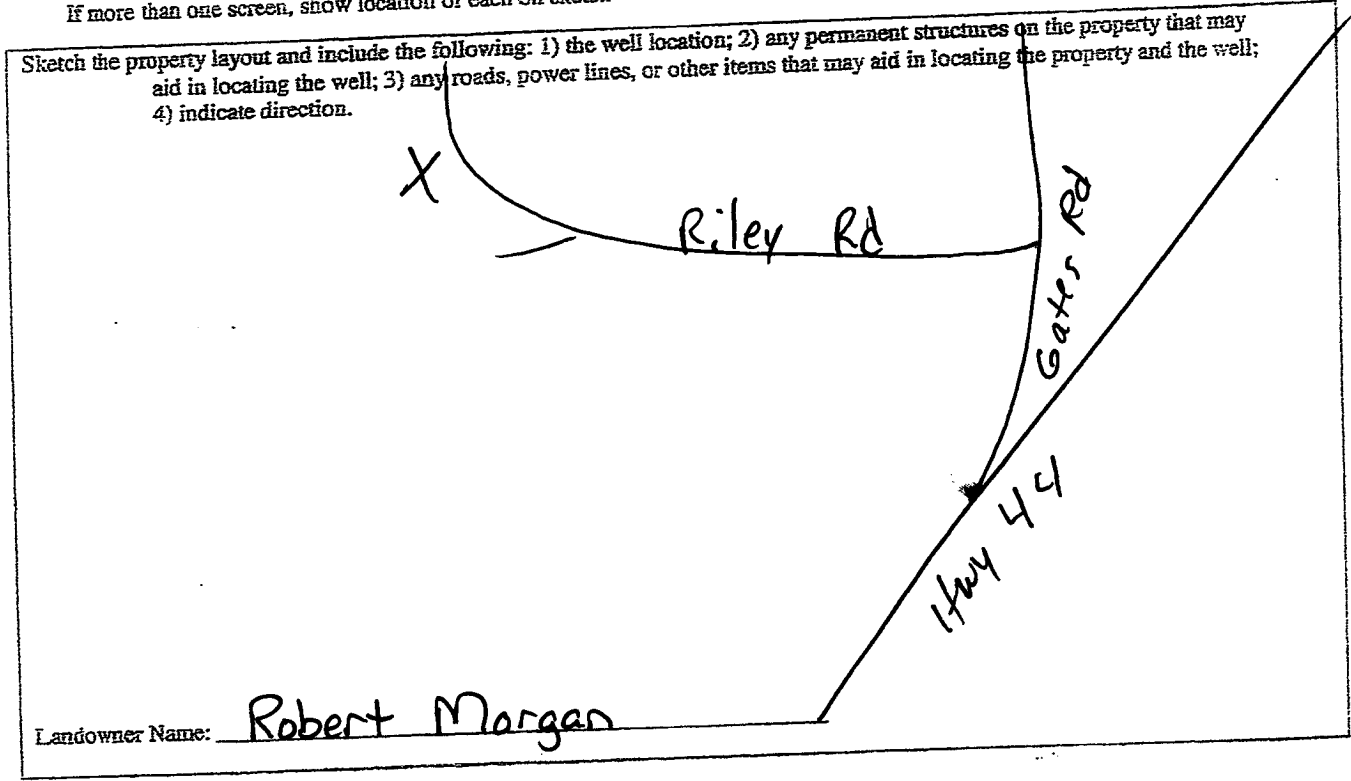
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If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
topsoil	0	1
clay	1	90
sand	90	120

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



James Wells
 Signature of Water Well Contractor

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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 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____

Well #: 6112

Elevation: _____

County: Marion

Permit #: _____

Driller: JAMES WELLS

Date completed: 8-1-12

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

Well Owner Information	Well Location
Owner Name: <u>Robert Morgan</u>	Latitude: <u>31° 19.883</u> Longitude: <u>089° 46.745</u>
Mailing Address: <u>247 Riley Rd.</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
<u>Columbia MS 39429</u> City State Zip Code	<u>SW 1/4 SE 1/4 Sec 2 Twn 4N Rng 18W</u>
Telephone No. <u>(601) 736 0579</u>	Distance Direction Nearest Town <u>12 Miles N of Columbia</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> Jet <input type="radio"/> <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine <input type="radio"/>	<input checked="" type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>8-1-12</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-1-12</u>	Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>70</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>100</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>75</u> Feet Below Land Surface	Well yielded <u>17</u> GPM with a drawdown of
Test Pumping Rate: <u>17</u> Gallons Per Minute	<u>5</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.

JAMES WELLS 0-586
Print Name of Pump Installer and License No. (if applicable)

James Wells
Signature of Pump Installer

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