

County: Marion
 Permit #: 0-586
 Driller: JAMES WELLS
 Date drilling completed: 7-12-12

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 #: L89
 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>Billy Baughman</u> Mailing Address: <u>504 Columbia Purvis Rd.</u> <u>Columbia MS 39429</u> City State Zip Code Telephone No. () _____	Latitude: <u>31° 13.1879</u> Longitude: <u>089° 46.3828</u> Method of Lat/Long (circle one): Conventional Survey, _____ USGS quad, Hand-held GPS, Survey-grade GPS _____ <u>NE ¼ SE ¼ Sec 14</u> ✓ Twn <u>3N</u> ✓ Rng <u>18W</u> ✓ Distance _____ Miles Direction <u>SE</u> of Nearest Town <u>Columbia</u>

Well / Borehole Data

Date drilling started: 7-12-12 Date drilling completed: 7-12-12 Hole depth: 140 Hole diameter: 7 1/8"

Location of the source of any surface water used for drilling: Community
 Method of dosing and volume of Chlorine used in drilling and development: Shack

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: 80 feet above or below (circle one) land surface Date measured: 7-12-12
 Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 140 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 120 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 120 feet to 140 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)

RECEIVED
 SEP 10 2012
 BY: OLWR

L89

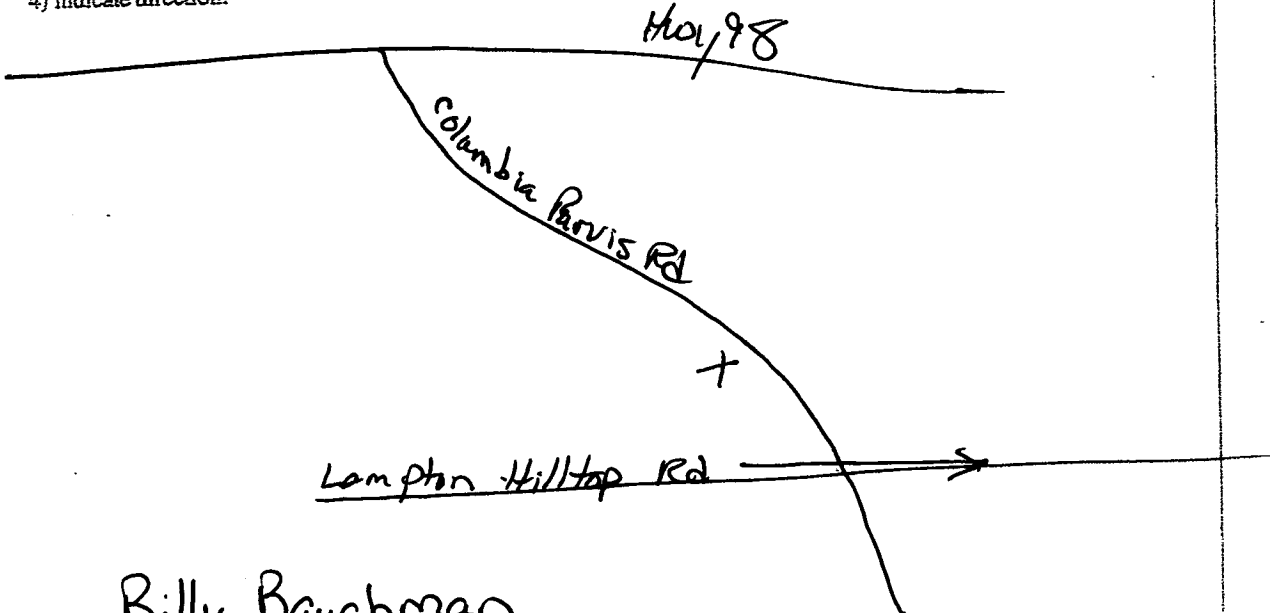
If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
top soil	0	1
clay	1	30
sand	30	38
clay	38	110
sand	110	140

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) indicate direction.



Landowner Name: Billy Baughman

James Wells
 Signature of Water Well Contractor

RECEIVED
 SEP 10 2012
 BY: OLWR

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 39289-9631
 (601)961-5210
 (601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
 Well #: L89
 Elevation: _____

County: Marion
 Permit #: _____
 Driller: JAMES WELLS
 Date completed: 7-12-12

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>Billy Baughman</u>	Latitude: <u>31°13.1879</u> Longitude: <u>089°46.3828</u>
Mailing Address: <u>504 Columbia Purvis Rd.</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Columbia MS 39429</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NE 1/4 SE 1/4 Sec 14 Twn 3N Rng 18W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>5</u> Miles <u>SE</u> of <u>Columbia</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>7-12-12</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>7-12-12</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>80</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>85</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 James Wells
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

RECEIVED
 SEP 10 2012
 BY: OLWR