

State Well Report

Part 1

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 #: A-164
L. S. Elevation: _____
E-log #: _____

County: LAMAR
Permit #: _____
Driller: JAMES WELLS
Date drilling completed: 5-1-07

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Derek Broom</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>352 Bethel Church Rd</u> <u>Columbia MS</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: <u>39429</u>	_____ 1/4 _____ 1/4 Sec. <u>3</u> Twn <u>5N</u> Rng <u>16W</u>
Telephone No. <u>(601) 731 1495</u>	Distance _____ Direction _____ Nearest Town _____ <u>4</u> Miles <u>West</u> of <u>Sumrall MS</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____

Date well drilling started: 5-1-07 Date well drilling completed: 5-1-07

If flowing, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 150 feet above or below (circle one) land surface Date measured: 5-1-07

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

Hole depth: 325 Well depth: 325 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 305 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 305 feet to 325 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 back of page

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____
I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

JAMES WELLS 0-586
Print Name of Water Well Contractor and License No.

James Wells
Signature of Water Well Contractor

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A-164

If well telescopes please sketch below and show depths.

Ground Level _____

Description of Formations Encountered	From	To
Top Soil	0	2
Clay	2	220
fine sand	220	280
Coarse Sand	280	325

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: Derek Broom

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:

County: EHM AR
Permit #: _____
Driller: JAMES WELLS
Date completed: 5-1-07

Aquifer: _____
Well #: A-164
Elevation: _____

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>Derek Brown</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>352 Bethel Church Rd</u> <u>Columbia MS</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: <u>39429</u>	<u>1/4</u> <u>1/4</u> Sec <u>3</u> Twn <u>5n</u> Rng <u>16w</u>
Telephone No. <u>(601) 731 1495</u>	Distance: _____ Direction: _____ Nearest Town: _____
	<u>4</u> Miles <u>West</u> of <u>Sumner MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift: <input type="checkbox"/> Jet <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
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>5-1-07</u>	Setting Depth: <u>166</u> feet
Rated Pump Capacity: <u>15</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-1-07</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Steel Tape</u>
Static Water Level (A): <u>130</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>130</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>130</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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MAY 08 2007
BY OLWR