

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: G 29
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Jefferson
Permit #: _____
Driller: Gary Rayborn
Date drilling completed: 7/7/10

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>Alcorn State Univ.</u>	Latitude: <u>31.4542</u> Longitude: <u>91.09.16</u>
Mailing Address: <u>Hog Farm</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>1000 ASU Drive 1169</u>	<u>1/4 1/4</u> Sec. <u>27</u> Twn <u>9N</u> Rng <u>1W</u>
<u>Alcorn State MS 39096</u>	Distance <u>3</u> Miles Direction <u>W</u> of Nearest Town <u>Church Hill</u>
City State Zip Code	
Telephone No. () _____	

Well Data

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

Date well drilling started: 7/7/10 Date well drilling completed: 7/7/10

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

Static Water Level: 75 feet above of below (circle one) land surface Date measured: 7/7/10

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

Hole depth: 140' Well depth: 140' Well grouted to a depth of 10 feet

Type of grout (circle one): 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: .020 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 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.

RAYBORN DRILLING, INC. 0-60

Signature of Water Well Contractor: [Signature]

Print Name of Water Well Contractor and License No. _____

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If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
CHALK	0	85
MED SAND	85	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: _____

[Signature]
 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: G-29
 Well #: _____
 Elevation: _____

County: Jefferson
 Permit #: _____
 Driller: Gary Rayborn
 Date completed: _____

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>Alcorn State Univ</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Hog Farm</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>1000 ASU Drive 1169</u>	USGS quad, Hand-held GPS, Survey-grade GPS
<u>Alcorn State MS 39096</u>	_____ 1/4 _____ 1/4 Sec <u>27</u> Twn <u>9N</u> Rng <u>1W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>3</u> Miles <u>W</u> of <u>Church Hill</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3 HP</u>
Date Pump Installed: <u>7-9-10</u>	Setting Depth: <u>126</u> feet
Rated Pump Capacity: <u>45</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-9-10</u>	Air Line <input type="radio"/> <u>Electric Measuring Line</u> <input type="radio"/> Steel Tape
Static Water Level (A): _____ Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded <u>40</u> GPM with a drawdown of
Test Pumping Rate: <u>40</u> Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Gary Rayborn 0-60
 Print Name of Pump Installer and License No. (if applicable)

Signature of Pump Installer

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BY: OIWR