

Muscadine
Aug. 17, 2009.

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 #: K138
L. S. Elevation: _____
E-log #: _____

County: WASHINGTON
Permit #: 6043532
Driller: J. NEWCOME 0-773
Date drilling completed: 8-17-2009

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>U.S. Army Corps of Engineers</u>	Latitude: <u>33.13.12"</u> Longitude: <u>90° 58' 23"</u>
Mailing Address: <u>4155 Clay St</u>	Method of Lat/Long (circle one): Conventional Survey
<u>Vicksburg MS 39183</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SW</u> 1/4 <u>NE</u> 1/4 Sec. <u>20</u> Twn <u>16N</u> Rng <u>8W</u>
Telephone No. ()	Distance Direction Nearest Town <u>6</u> Miles <u>SW</u> of <u>ARCOLA</u>

Well Data

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

Date well drilling started: 8-17-2009 Date well drilling completed: 8-17-2009

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

Static Water Level: _____ feet above or below (circle one) land surface Date measured: _____

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

Hole depth: 103 Well depth: 100 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 60 feet Casing diameter: 10 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC

Screen slot size: 0.50 inches Setting depth: From 60 feet to 100 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.

JOHN NEWCOME 0-773
Print Name of Water Well Contractor and License No.

[Signature]
Signature of Water Well Contractor

RECEIVED

SEP 24 2009
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 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____

Well #: K138

Elevation: _____

County: Washington
Permit #: GW 43532
Driller: J. Newcome
Date completed: 8/17/09

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>U.S. Army Corps of Engineers</u>	Latitude: <u>33° 13' 12"</u> Longitude: <u>90° 58' 23"</u>
Mailing Address: <u>4155 Clay St.</u>	Method of Lat/Long (circle one): Conventional Survey.
<u>Vicksburg, MS 39183</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SW</u> ¼ <u>NE</u> ¼ Sec <u>20</u> Twn <u>16N</u> Rng <u>8W</u>
Telephone No. () _____	SE Distance Direction Nearest Town
	<u>6</u> Miles <u>SW</u> of <u>Arcola</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>15</u>
Date Pump Installed: <u>8/18/09</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>700</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>NOT TESTED</u> 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 _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>TESTED</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Comp Rowe 0-711P
Print Name of Pump Installer and License No. (if applicable)

[Signature]
Signature of Pump Installer

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SEP 24 2009
BY: OLWR