

State Well Report Part 1 - Driller's Log

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)

County: Leake
 Permit #: _____
 Driller: Thomas Drilling
 Date drilling completed: 7-18-06

For Office Use Only:
 Aquifer: _____
 Well #: N-40
 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 <small>(Landowner if borehole is not for a water well)</small> Owner Name: <u>Ruston Stewart #3</u> Mailing Address: <u>169 Drysdale Road</u> <u>Carthage MS 39051</u> <small>City State Zip Code</small> Telephone No. <u>(601) 941-2502</u>	Well or Borehole Location Latitude: <u>32° 38.847"</u> Longitude: <u>89° 31.982"</u> <small>Method of Lat/Long (circle one): Conventional Survey, <u>51</u></small> USGS quad, Hand-held GPS, Survey-grade GPS <u>NW 1/4 NE 1/4 Sec 12 Twn 9N Rng 6E</u> Distance Direction Nearest Town <u>1</u> Miles <u>N</u> of <u>Carthage</u>
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Well / Borehole Data

Date drilling started: 7-18-06 Date drilling completed: 7-18-06 Hole depth: 105 Hole diameter: 4"

Location of the source of any surface water used for drilling: _____
 Method of dosing and volume of Chlorine used in drilling and development: Back washed & mixed in
tender 100g GRANULAN

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: Poultry

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

Static Water Level: 60 feet above or below (circle one) land surface Date measured: 7-18-06

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

Well depth: 105 Well grouted to a depth of 104 feet Type of grout (circle one): Near Cement Bentonite Mix

Casing length: 85' feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 010 inches Setting depth: From 85 feet to 105 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

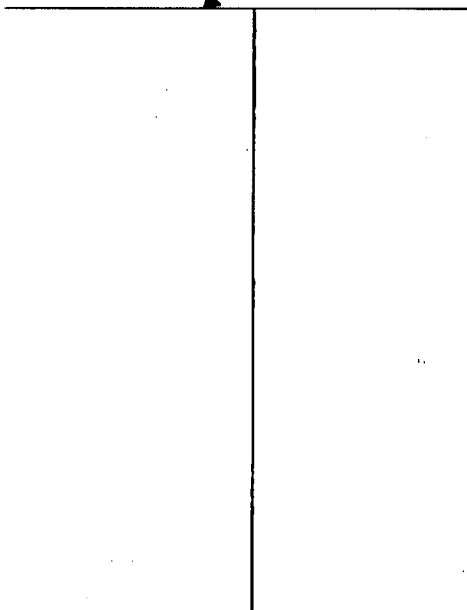
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N-40

The sketch below only required for water wells.

If well telescopes, show depths on sketch.

Ground Level →



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
Mixed Clay	0	24
Sand & Clay	24	39
White sand	39	105

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) a north arrow.

Landowner Name: RUSTON STEWART #3

Form: OLWR-SWR-1A

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

DAVID S. THOMAS 0-147

7-18-06

[Handwritten Signature]

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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STATE WELL REPORT

County: LOAKE
 Permit #: _____
 Driller: Thomas Drilling
 Date completed: 7-22-06
 Copy information from block on Part 1

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 #: N-40
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>RUSTEN STEWART</u>	Latitude: <u>32°38.847</u> Longitude: <u>87°39.862</u>
Mailing Address: <u>169 Drysdale Road</u>	Method of Lat/Long (check one): Conventional Survey <u>51</u> <input type="checkbox"/> Survey-grade GPS <u>59</u> <input checked="" type="checkbox"/>
<u>CARTHAGE</u> <u>MS</u> <u>39051</u>	USGS quad _____, Hand-held GPS <u>LAPMP</u> <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>12</u> T <u>9N</u> R <u>6E</u>
Telephone No. <u>(601) 741-2502</u>	Distance _____ Direction _____ Nearest Town _____
	<u>1</u> Miles <u>N</u> of <u>Good Hope</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jct <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	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"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
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 1/2</u>
Date Pump Installed: <u>7-22-06</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>19</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-22-06</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>60</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>80</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>20</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>27</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>1</u> hours	

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

David S. Thomas 0-147 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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