

County: Leake  
 Permit #: \_\_\_\_\_  
 Driller: Thomas Drilling  
 Date drilling completed: 2-22-06

### Well Driller Report and Well 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)

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: C-56  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

**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>Joe Andy Helton</u>	Latitude: <u>32°50.688</u> " Longitude: <u>89°26.639</u> "
Mailing Address: <u>789 Hwy 25 N</u> <u>Carthage, MS 39051</u>	Method of Lat/Long (circle one): <u>41</u> Conventional survey, <u>38</u> USGS quad, <u>LAPTOP</u> Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	SW <u>1</u> / <u>4</u> SE <u>1</u> / <u>4</u> Sec: <u>25</u> TwN <u>12 N</u> Rng <u>8 E</u>
Telephone No. (____) _____	Distance: <u>1</u> Miles Direction: <u>SW</u> of Nearest Town: <u>Centroe</u>

**Well Data**

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

Date well drilling started: 2-22-06 Date well drilling completed: 2-22-06

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

Static Water Level: 60 feet above or below (circle one) land surface Date measured: 2-22-06

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

Hole depth: 205 Well depth: 205 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 185 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 185 feet to 205 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.

David S. Thomas 0-147  
 Print Name of Water Well Contractor and License No.

[Signature]  
 Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

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Ground Level \_\_\_\_\_

Description of Formations Encountered

From To

CLAY & DIRT	0	30
BLACK DIRT	30	50
GRAY CLAY	50	90
ROCK	90	91
GREEN SAND	91	110
ROCK	110	111
<del>ROCK</del> GREEN SAND	111	145
ROCK	145	146
WHITE SAND	146	205

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: Joe Andy Helton

*Paul E. Norman*  
 \_\_\_\_\_  
 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: \_\_\_\_\_  
Well #: C-56  
Elevation: \_\_\_\_\_

County: Leake  
Permit #: \_\_\_\_\_  
Driller: THOMAS Drilling  
Date completed: 2-23-06

**This report must be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump. A copy of Part 1 of this report must be attached to this report.**

Well Owner Information	Well Location
Owner Name: <u>Joe Andy Helton</u>	Latitude: <u>32°50.688</u> Longitude: <u>89°28.637</u>
Mailing Address: <u>789 Hwy 25N</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Carthage, MS 39051</u>	_____ 1/4 _____ 1/4 Sec <u>33</u> Twn <u>12N</u> Rng <u>6E</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ( ) _____	<u>1</u> Miles <u>SW</u> of <u>Renfro</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 1/2</u>
Date Pump Installed: <u>2-23-06</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>27</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-23-06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>60'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>75'</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>15'</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>34</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>1/2</u> hours	

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

David S. Thomas 0-1417  
Print Name of Pump Installer and License No. (if applicable)

[Signature]  
Signature of Pump Installer

**RECEIVED**

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**BY: OLWR**