

County: Leake
 Permit #: _____
 Driller: Thomas Drilling
 Date drilling completed: 11-7-06

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)

For Office Use Only:

Aquifer: _____
 Well #: K-41
 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>	Well or Borehole Location
Owner Name: <u>Ken McMillan #1</u>	Latitude: <u>32° 42' 07" N</u> Longitude: <u>89° 36' 49" W</u>
Mailing Address: <u>Highway 18 West</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u>
<u>Carthage MS 39051</u>	USGS quad: <u>Hand-held GPS</u> , Survey-grade GPS
City: _____ State: _____ Zip Code: _____	NW ¼ SW ¼ Sec <u>20</u> Twp <u>10N</u> Rng <u>7E</u>
Telephone No. () _____	Distance: <u>2</u> Miles Direction: <u>W</u> of Nearest Town: <u>Carthage</u>

Well / Borehole Data

Date drilling started: 11-7-06 Date drilling completed: 11-7-06 Hole depth: 145 Hole diameter: 4"

Location of the source of any surface water used for drilling: Thomas Drilling

Method of dosing and volume of Chlorine used in drilling and development: lbs in tender to wash

Logs run (circle all applicable): Wire 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: 17 feet above or below (circle one) land surface Date measured: 11-7-06

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

Well depth: 145 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 125 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 0.10 inches Setting depth: From 125 feet to 145 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
RECEIVED
 DEC 04 2006
 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)

County: Leake
 Permit #: _____
 Driller: Thomas Drilling
 Date completed: 11-7-06
Copy information from Block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: K-41
 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>Ken McMillain</u>	Latitude: <u>32° 42.098</u> Longitude: <u>89° 36.471</u>
Mailing Address: <u>Highway 16 West</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> ⁰⁶ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey grade GPS _____
<u>CARTHAGE MS 39051</u> <small>City State Zip Code</small>	____ 1/4 Sec <u>20</u> T <u>10N</u> R <u>7E</u>
Telephone No. () _____	Distance _____ Direction _____ Nearest Town _____ <u>2</u> Miles <u>W</u> of <u>CARTHAGE</u>

Pump Type Circle one	Power Type Circle one
Air Lift Bucket Centrifugal Other (specify): _____	Diesel Engine Gasoline Engine Natural Gas Electric Motor Hand Tractor PTO Windmill Other (specify): _____
Date Pump Installed: <u>11-7-06</u>	Horse Power Rating of Motor: <u>1/2</u>
Rated Pump Capacity: <u>27</u> Gallons Per Minute	Setting Depth: <u>80</u> feet
Jet <input checked="" type="radio"/> Submersible Piston Turbine Rotary Flowing Well	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11-7-06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>17</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>23</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>6</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>40</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 0-147
 Print Name of Pump Installer and License No. (if applicable)

David S. Thomas
 Signature of Pump Installer

Form: OLWR-SWR-1B

RECEIVED

DEC 04 2006