

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 #: C-116
L. S. Elevation: _____
E-log #: _____

County: George 039
Permit #: _____
Driller: Stephen Haverd
Date drilling completed: 03-26-05

Calme Central Company

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>Russell Kelley</u>	Latitude: <u>30° 57' 30.7"</u> Longitude: <u>88° 33' 46.3"</u>
Mailing Address: <u>1187 Depot Rd</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey
<u>Lucedale MS 39452</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SW 1/4 SW 1/4 Sec 23 Twn T15 Rng R14</u>
Telephone No. (601) <u>947-3574</u>	Distance Direction Nearest Town
	<u>2 Miles NE of Lucedale</u>

Well Data

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

Date well drilling started: 03-26-05 Date well drilling completed: 03-26-05

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

Static Water Level: 36 feet above or below (circle one) land surface Date measured: 03-26-05

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

Hole depth: 98 Well depth: 98 Well grouted to a depth of 18 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 88 feet Casing diameter: 2 inches Type of casing: 510 PVC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: WOP PVC

Screen slot size: .006 inches Setting depth: From 88 feet to 98 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.

Michael Stephen Haverd # 0-693 _____
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

C-116

Ground Level

Description of Formations Encountered	From	To
Top sand	0	5
Sand (med)	5	43
Clay	43	52
Sand (fine)	52	65
Clay	65	72
sand (fine med)	72	85
sand (med)	85	98

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.

The sketch shows a horizontal line representing Hwy 98. A vertical line extends downwards from the highway to a point labeled 'well x'. To the right of the well is a vertical rectangle labeled 'House Trailer' and a small circle labeled 'Temp. Pole'.

Landowner Name: Russell Kelley


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)

County: George
 Permit #: _____
 Driller: Stephen Harvard
 Date completed: 03-26-05

For Office Use Only:

Aquifer: _____
 Well #: C-116
 Elevation: _____

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>Russell Kelley</u>	Latitude: <u>30° 57' 30"</u> Longitude: <u>88° 33' 6"</u>
Mailing Address: <u>1187 Depot Rd</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Lucedale MS 39452</u> City State Zip Code	<u>1/4</u> <u>1/4</u> Sec <u>23</u> Twn <u>T15</u> Rng <u>R6W</u>
Telephone No. (<u>601</u>) <u>947-3574</u>	Distance Direction Nearest Town <u>2</u> Miles <u>NE</u> of <u>Lucedale</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>03-26-05</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>8</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>03-26-05</u>	<input checked="" type="radio"/> Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>36</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>60</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>24</u> Feet Below Land Surface	Well yielded <u>20</u> GPM with a drawdown of
Test Pumping Rate: <u>20</u> Gallons Per Minute	<u>24</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

Michael Stephen Harvard 0-693 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 BY: OLWR