

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 #: U-122
 L. S. Elevation: _____
 E-log #: _____

County: George 029
 Permit #: _____
 Driller: Stephen Harvard
 Date drilling completed: 0-2-15-05

Harvard Drilling 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>Bertha Freeman</u>	Latitude: <u>30° 49' 300"</u> Longitude: <u>88° 36' 903"</u>
Mailing Address: <u>Basin Refugee Rd</u>	Method of Lat/Long (circle one): <u>18</u> Conventional Survey, <u>42</u>
<u>Lucedale</u> MS <u>39452</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>NW 1/4 NW 1/4</u> Sec <u>5</u> Twn <u>T35</u> Rng <u>R6W</u>
Telephone No. () _____	Distance Direction Nearest Town <u>5</u> Miles <u>S</u> of <u>Lucedale</u>

Well Data

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

Date well drilling started: 2-15-05 Date well drilling completed: 02-15-05

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

Static Water Level: 41 feet above or below (circle one) land surface Date measured: 02-15-05

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

Hole depth: 93 Well depth: 93 Well grouted to a depth of 18 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 83 feet Casing diameter: 2 inches Type of casing: SCH 40 PUC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: WOP, 006 PUC

Screen slot size: .006 inches Setting depth: From 83 feet to 93 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.

Stephen S. Harvard 0-673
 Print Name of Water Well Contractor and License No.

[Signature]
 Signature of Water Well Contractor

RECEIVED
 MAR 02 2005
 BY: OLWR

L-122

If well telescopes please sketch below and show depths.


Ground Level

Description of Formations Encountered	From	To
Top sand	0	12
silt	12	18
sand	18	36
Clay	36	43
silt	43	48
Clay	48	53
Sand	53	58
Sand	58	93

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: Bertha Freeman


 Signature of Water Well Contractor

RECEIVED
 MAR 02 2005
 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: George
 Permit #: _____
 Driller: Stephen Howard
 Date completed: 2-15-05

For Office Use Only:

Aquifer: _____
 Well #: L-122
 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>Bertha Freeman</u>	Latitude: <u>N 30: 49.360</u> Longitude: <u>W 88: 36.702</u>
Mailing Address: <u>Basin Refuge Rd</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
<u>Lucedale MS 39452</u>	<u>1/4</u> <u>1/4</u> Sec <u>5</u> Twn <u>T3S</u> Rng <u>R6W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>5</u> Miles <u>S</u> of <u>Lucedale</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input checked="" type="radio"/> <u>Jet</u> <input type="radio"/> Submersible	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>2-15-05</u>	Setting Depth: <u>73</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>2-15-05</u>	<input checked="" type="radio"/> <u>Air Line</u> <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>41</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>50</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>9</u> Feet Below Land Surface	Well yielded <u>8</u> GPM with a drawdown of
Test Pumping Rate: <u>8</u> Gallons Per Minute	<u>9</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 S. Howard 0-673 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

RECEIVED
 MAR 02 2005
 BY: OLWR