

State Well Report

Part I

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: Smith
Permit #: _____
Driller: Will Barlow
Date drilling completed: 11-15-07

For Office Use Only:
Aquifer: _____
Well #: B-37
L.S. Elevation: _____
E-log #: B-0037

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>Rita Hall</u>	Latitude: <u>32° 13' 24"</u> Longitude: <u>89° 34' 08"</u>
Mailing Address: <u>370 CR 558</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
<u>Homewood MS</u> City State Zip Code	<u>NW 1/4 NE 1/4 Sec 3 Twn 4N Rng 3E</u>
Telephone No. (<u>601</u>) <u>536-2241</u>	Distance Direction Nearest Town <u>5</u> Miles <u>SW</u> of <u>Homewood</u>

Well Data

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

Date well drilling started: 10-2-07 Date well drilling completed: 11-15-07

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

Static Water Level: 162 feet above or below (circle one) land surface Date measured: 11-15-07

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

Hole depth: 580' Well depth: 460' Well grouted to a depth of 63' feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 430' feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 30' feet Screen diameter: 4 inches Type of screen: PVC slotted

Screen slot size: .008 inches Setting depth: From 430 feet to 460 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): DEQ Office of Geology

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.

Arndt Fincher Jr MS-0560
Print Name of Water Well Contractor and License No.

Carl L. [Signature]
Signature of Water Well Contractor
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If well telescopes please sketch below and show depths.

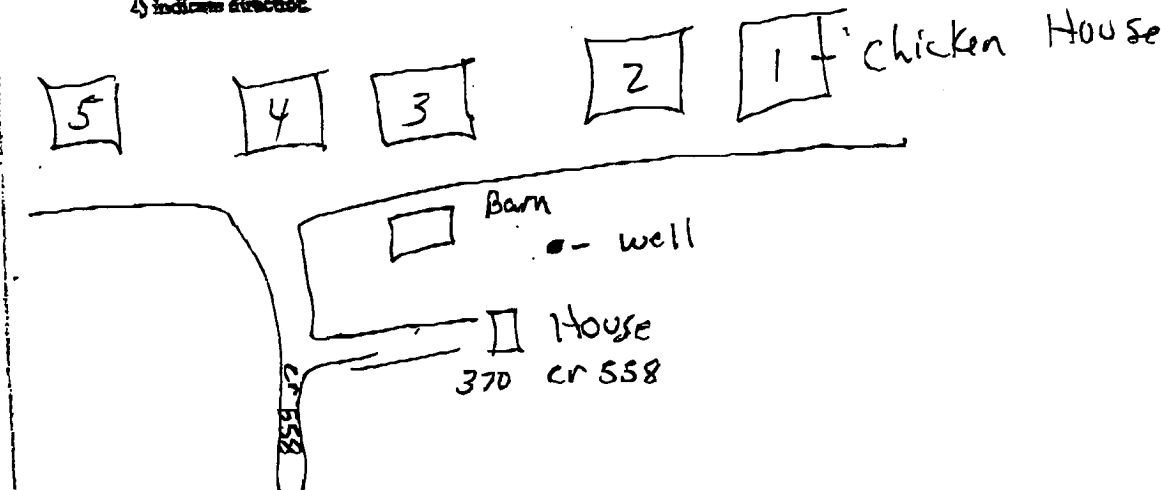
B-39

Ground Level

Description of Formations Encountered	From	To
Weathered Clay	0	58
Gray Clay (40710)	58	330
Shale + mica	370	365
Gray Clay	360	275
SAND.	355	558

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: Rita HSV

(Signature)
 Signature of Water Well Company

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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 #: B-37
 Elevation: _____

County: Smith
 Permit #: _____
 Driller: Will Barlow
 Date completed: 11-25-07

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>Rita Hall</u>	Latitude: <u>32°13'24N</u> Longitude: <u>89°34'08W</u>
Mailing Address: <u>370 Cr 558</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Homewood, MS.</u> City State Zip Code	<u>NW 1/4 NE 1/4 Sec 3 Twn 4N Rng 3E</u>
Telephone No. <u>(601) 536-2241</u>	Distance Direction Nearest Town <u>5 Miles SW of Homewood.</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>5</u>
Date Pump Installed: <u>11-20-07</u>	Setting Depth: <u>260</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11-20-07</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>162</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>200</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown (B) - (A): <u>38'</u> Feet Below Land Surface	Well yielded <u>50</u> GPM with a drawdown of
Test Pumping Rate: <u>50</u> Gallons Per Minute	<u>38'</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.

Arnold Fincher Jr 0-560 MS
 Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer

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