

County: DeSoto
 Permit #: _____
 Driller: Jones w. Mason
 Date drilling completed: 9-27-05

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 #: M-172
 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 (Landowner if borehole is not for a water well) | Well or Borehole Location |
|--|--|
| Owner Name: <u>Pam Archer</u> | Latitude: <u>34° 46' 35.4"</u> Longitude: <u>89° 43' 48.4"</u> |
| Mailing Address: <u>Lot 6 county line rd</u> | Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey |
| <u>Byholie</u> MS <u>38611</u> | USGS quad: <u>SE 1/4 SE 1/4 Sec 33 Twn 35 Rng 5w</u> |
| City State Zip Code | Distance <u>3</u> Miles Direction <u>SE</u> of Nearest Town <u>Jugans mill</u> |
| Telephone No. <u>(662) 838-7904</u> | |

Well / Borehole Data

Date drilling started: 9-27-05 Date drilling completed: 9-27-05 Hole depth: 155' Hole diameter: 8"

Location of the source of any surface water used for drilling: NA

Method of dosing and volume of Chlorine used in drilling and development: NA

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): NA

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: _____

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

Static Water Level: 60 feet above or below (circle one) land surface Date measured: 9-27-05

Method of Measurement (circle one) steel tape electric tape air line other: string/weight

Well depth: 155 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 145' feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 10 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 145 feet to 155 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: NA feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A
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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: Desoto
 Permit #: _____
 Driller: Jones w. Masow
 Date completed: 9-27-05
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: M-172
 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>Pam Archer</u> | Latitude: <u>34.46.354</u> Longitude: <u>89.43.484</u> |
| Mailing Address: <u>Lot 6 county line rd.</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Byholia</u> MS <u>38611</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City State Zip Code | <u>SE</u> ¼ <u>SE</u> ¼ Sec <u>33</u> T <u>3s</u> R <u>5w</u> |
| Telephone No. <u>(662) 838-7904</u> | Distance Direction Nearest Town |
| | <u>3</u> Miles <u>SE</u> of <u>Jayons mill</u> |

| Pump Type Circle one | Power Type Circle one |
|--|--|
| Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine <input type="checkbox"/> | <u>Electric Motor</u> <input checked="" type="checkbox"/> Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>3/4</u> |
| Date Pump Installed: <u>9-27-05</u> | Setting Depth: <u>80</u> feet |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute | Number of Stages: <u>11</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|--|---|
| Date Well Tested: <u>9-27-05</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>60</u> Feet Below Land Surface | Other (specify): <u>String Weight</u> |
| Pumping Water Level (B): <u>NA</u> Feet Below Land Surface | For flowing well, measured shut in head: <u>NA</u> feet |
| Drawdown [(B) - (A)]: <u>NA</u> Feet Below Land Surface | Well yielded <u>12</u> GPM with a drawdown of |
| Test Pumping Rate: <u>12</u> Gallons Per Minute | <u>NA</u> feet after <u>24</u> hours of pumping |
| Duration of Pump Test (minimum 4 hours): <u>24</u> hours | |

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

Jones w. Masow 0-620 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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