

# 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 #: H-74  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Union  
Permit #: \_\_\_\_\_  
Driller: Leeper Drilling  
Date drilling completed: 11-25-05

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>John Henry Mayo</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>1175 CR 51</u> <u>Myrtle, MS 38650</u>	Method of Lat/Long (circle one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>1/4</u> <u>1/4</u> Sec <u>27</u> Twn <u>7S</u> Rng <u>3E</u>
Telephone No. <u>(662) 988-2892</u>	Distance _____ Miles Direction <u>SW</u> of Nearest Town <u>New Albany</u>

**Well Data**

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

Date well drilling started: 11-25-05 Date well drilling completed: 11-25-05

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

Static Water Level: 15 feet above or below (circle one) land surface Date measured: 11-26-05

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

Hole depth: 190 ft Well depth: 190 ft Well grouted to a depth of 10 feet

Type of grout (circle one):  Cement  Bentonite  Mix

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

Screen length: 30 feet Screen diameter: 2" inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 160 feet to 190 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): \_\_\_\_\_

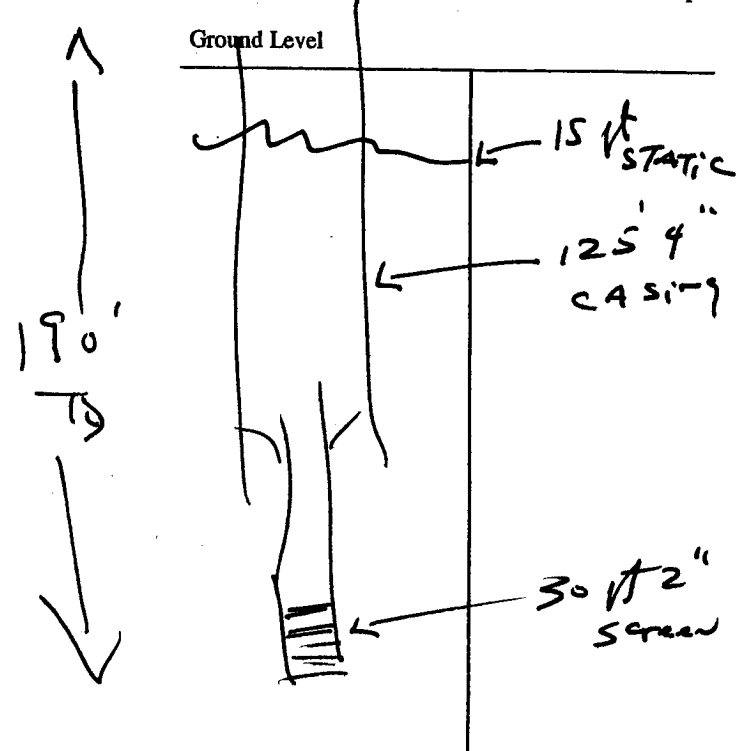
I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LEEPER Drilling #0079 \_\_\_\_\_  
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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H-74

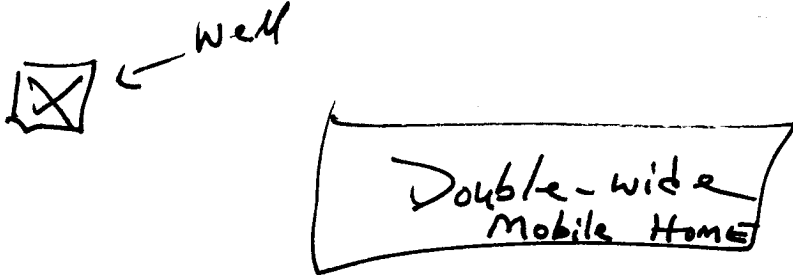
If well telescopes please sketch below and show depths.



Description of Formations Encountered	From	To
<del>TOP GUMBED</del>	0	40
Grey Clay	40	130
Rock + Sand	130	160
SAND	160	190

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: John Henry Mayo

[Signature]  
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: Union  
 Permit #: \_\_\_\_\_  
 Driller: Leeper Drilling  
 Date completed: 11-26-05

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: H-74  
 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>John Henry Mayo</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>1175 CR 51</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Myrtle MS 38620</u>	_____ 1/4 _____ 1/4 Sec <u>27</u> Twn <u>7S</u> Rng <u>3E</u>
City / State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 988-2892</u>	<u>4</u> Miles <u>SW</u> of <u>New Albany</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>3/4 HP</u>
Date Pump Installed: <u>11-26-05</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11-26-05</u>	Air Line      Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>15</u> Feet <u>Below</u> Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Leeper Drilling # 0079      [Signature]  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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BY: OLWF