

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 #: M-155
L. S. Elevation: _____
E-log #: _____

County: DESO TO 033
Permit #: _____
Driller: BOB SMART
Date drilling completed: 4-21-05

Smith Dulling and Service

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 RIGBY</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>HOVEY SPRINGS ST.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>HERNANDO MS. 38632</u> City State Zip Code	<u>1/4 1/4 Sec P27 Twn T35 Rng R6W</u>
Telephone No. <u>(662) 288-5600</u>	Distance Direction Nearest Town <u>1/8 Miles W of COCHAUM</u>

Well Data

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

Date well drilling started: 4-21-05 Date well drilling completed: 4-21-05

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

Static Water Level: 55 feet above or below (circle one) land surface Date measured: 4-21-05

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

Hole depth: 142 Well depth: 142 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 132 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 1/4 THOUS inches Setting depth: From 132 feet to 142 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
Other (describe): WASHED SAND

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.

BOB SMART 0-645
Print Name of Water Well Contractor and License No.

[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)

For Office Use Only:

Aquifer: _____
 Well #: M-155
 Elevation: _____

County: DESOTO
 Permit #: _____
 Driller: BOB SMITH
 Date completed: 4-21-05

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 RIGBY</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>HOLLY SPRINGS ST.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>HEMLOCK, MS. 38637</u>	_____ 1/4 _____ 1/4 Sec <u>P.27</u> Twn <u>T35</u> Rng <u>R6W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>662 288-5600</u>	<u>1/8</u> Miles <u>W</u> of <u>COCKAWM</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> 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>4-21-05</u>	Setting Depth: <u>60</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>4-21-05</u>	Air Line <input checked="" type="radio"/> <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>55</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>57</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>2</u> Feet Below Land Surface	Well yielded <u>16</u> GPM with a drawdown of
Test Pumping Rate: <u>16</u> Gallons Per Minute	<u>2</u> 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.

BOB SMITH 0-645 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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If well telescopes please sketch below and show depths.

Ground Level

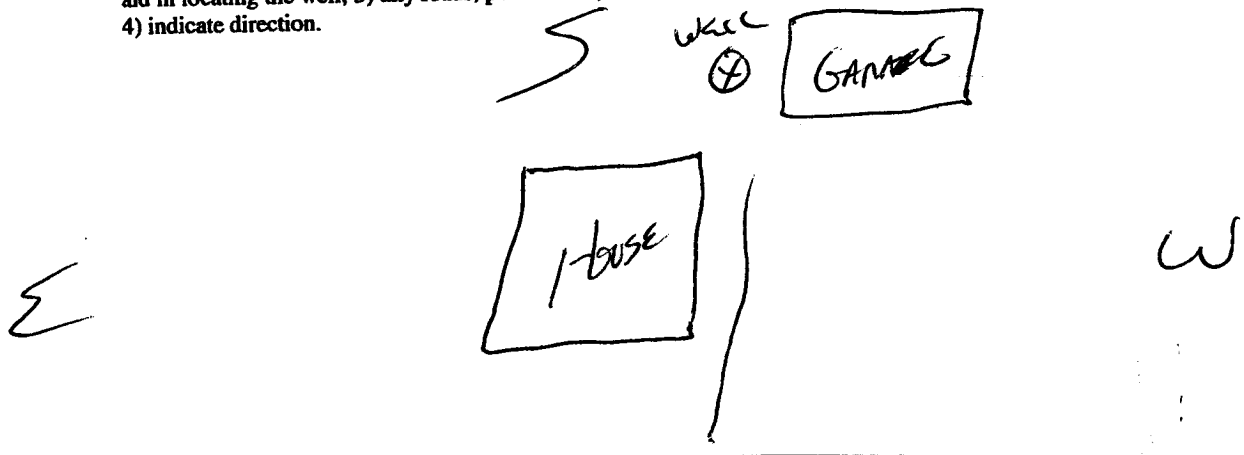
Blank area for sketching well telescopes and depths.

M-155

Description of Formations Encountered	From	To
TOP SOIL	0	5
YELLOW CLAY	5	30
GRAVEL	30	40
WHITE CLAY	40	96
WHITE SAND	96	142

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 RIGBY

[Signature]
 Signature of Water Well Contractor

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