

# 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 #: L-106  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: DESOTO  
Permit #: \_\_\_\_\_  
Driller: BOB SMITH  
Date drilling completed: 5-3-07

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>NATIONAL TANK</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>400 VANDEN DR.</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>HERNANDO, MS 38632</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>1/4 1/4 Sec. D-18 Twn T35 Rng R2W</u>
Telephone No. <u>(662) 429-5469</u>	Distance Direction Nearest Town
	<u>1 Miles E of HERNANDO</u>

**Well Data**

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

Date well drilling started: 5-3-07 Date well drilling completed: 5-3-07

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

Static Water Level: 137 feet above or  below (circle one) land surface Date measured: 5-8-07

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

Hole depth: 245 Well depth: 245 Well grouted to a depth of 10 feet

Type of grout (circle one):  Cement  Bentonite  Mix

Casing length: 225 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 1.375 inches Setting depth: From 225 feet to 245 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 under the Mississippi Department of Health regulations and state laws.

BOB SMITH 0645  
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)

County: DESOUD  
Permit #: \_\_\_\_\_  
Driller: BOB SMITH  
Date completed: 5-8-07

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: L-106  
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>NATIONAL TANK</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>400 VANDER DR.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>HEMMING MS 38632</u>	_____ 1/4 _____ 1/4 Sec <u>0-18</u> Twn <u>T35</u> Rng <u>R7W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 429-5469</u>	<u>1</u> Miles <u>E</u> of <u>HEMMING</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>1 1/2</u>
Date Pump Installed: <u>5-8-07</u>	Setting Depth: <u>180</u> feet
Rated Pump Capacity: <u>20</u> Gallons Per Minute	Number of Stages: <u>16</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-8-07</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>137</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>148</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>11</u> Feet Below Land Surface	Well yielded <u>17</u> GPM with a drawdown of
Test Pumping Rate: <u>17</u> Gallons Per Minute	<u>11</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.

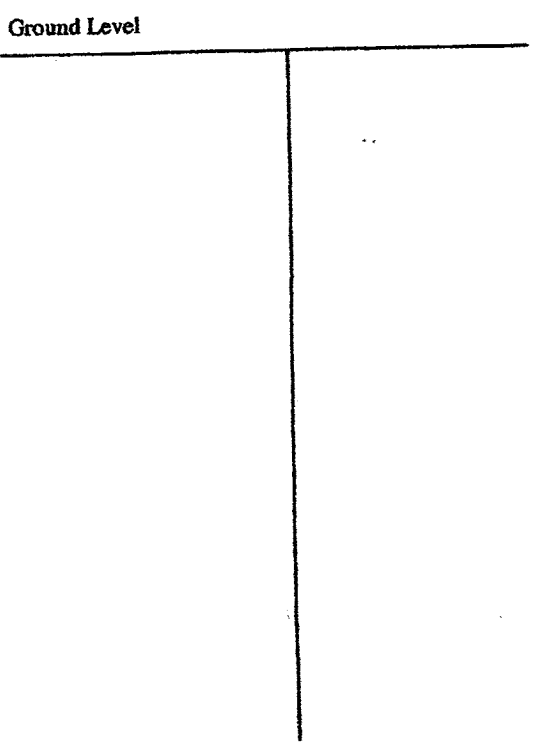
BOB SMITH 0645  
Print Name of Pump Installer and License No. (if applicable)

[Signature]  
Signature of Pump Installer

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BY: OLWR

L-106

If well telescopes please sketch below and show depths.



Description of Formations Encountered	From	To
Top Soil	0	2
Gravel	2	27
Red Clay	27	38
Rock	38	39
Grey Clay	39	160
White Sand + Clay	160	185
White Sand	185	245

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: National Tank S

Signature of Water Well Contractor

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