

# 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 #: J-140  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

County: DESOTO  
 Permit #: \_\_\_\_\_  
 Driller: BOB SMITH  
 Date drilling completed: 8-4-07

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>KATH CUSTONSON</u>	Latitude: _____ Longitude: _____	Method of Lat/Long (circle one): Conventional Survey.	
Mailing Address: <u>HERNANDO MS. 38632</u>	USGS quad, Hand-held GPS, Survey-grade GPS	_____ 1/4 _____ 1/4 Sec. <u>M-36</u> Twn <u>T35</u> Rng <u>R9W</u>	
City: _____ State: _____ Zip Code: _____	Distance: _____ Miles	Direction: <u>S/W</u>	Nearest Town: <u>HERNANDO</u>
Telephone No. <u>901, 336-1814</u>	_____ of _____		

**Well Data**

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

Date well drilling started: 8-4-07 Date well drilling completed: 8-4-07

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

Static Water Level: 52 feet above or below (circle one) land surface Date measured: 8-4-07

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

Hole depth: 95 Well depth: 95 Well grouted to a depth of 10 feet

Type of grout (circle one): Common Bentonite Mix

Casing length: 85 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 13/64 inches Setting depth: From 85 feet to 95 feet

Type of completion (circle all applicable): Gravel packed Underscreened 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

J-140

If well telescopes please sketch below and show depths.

Ground Level

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Description of Formations Encountered

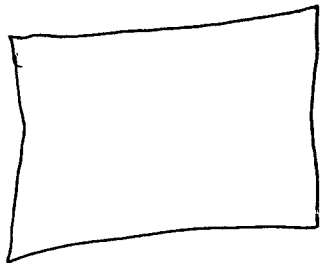
From To

Description of Formations Encountered	From	To
Top Soil	0	5
Brown Clay	5	32
Gravel	32	40
White Clay	40	60
Gravel	60	85
Sand & Gravel	85	95

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.

E



S

⊗ well

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 AUG 09 2007  
 BY: OLWR

Landowner Name:

Keith Mustopson N

ELOOMING

Signature of Water Well Contractor

# 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 #: J-140  
 Elevation: \_\_\_\_\_

County: DESOTO  
 Permit #: \_\_\_\_\_  
 Driller: Bob Smith  
 Date completed: 8-4-07

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>KEITH GUSTAFSON</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>PLUMMER HILL RD</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>HERNANDO MS. 38632</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>1/4 1/4 Sec M-36 Twn T35 Rng R9W</u>
Telephone No. <u>(901) 336-1814</u>	Distance Direction Nearest Town
	<u>2 Miles S/W of HERNANDO</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</u>
Date Pump Installed: <u>8-4-07</u>	Setting Depth: <u>80</u>
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>8-4-07</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>52</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>5</u> Feet Below Land Surface	Well yielded <u>15</u> GPM with a drawdown of
Test Pumping Rate: <u>15</u> Gallons Per Minute	<u>5</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: [Signature]