

551

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 #: Ø-46
L. S. Elevation: _____
E-log #: _____

93

County: MARSHALL
Permit #: _____
Driller: BOB SMITH
Date drilling completed: 10-1-04

South Well Drilling 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>W.E. CARGILL</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>MARMA RD</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>HOY SPRINGS MS</u>	<u>1/4</u> <u>1/4</u> Sec <u>A.9</u> Twn <u>T-4S</u> Rng <u>R-3W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 252-7087</u>	<u>4</u> Miles <u>W</u> of <u>HOY SPRINGS</u>

Well Data

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

Date well drilling started: 10-1-04 Date well drilling completed: 10-1-04

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

Static Water Level: 100 feet above or below (circle one) land surface Date measured: 10-1-04

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

Hole depth: 151 Well depth: 151 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 131 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 1/4 inches Setting depth: From 131 feet to 151 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 SMITH 0-645 _____
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

Ground Level 0-46

Description of Formations Encountered	From	To
<u>TOP SOIL</u>	<u>0</u>	<u>5</u>
<u>BROWN CLAY</u>	<u>5</u>	<u>30</u>
<u>WHITE CLAY + SAND</u>	<u>30</u>	<u>60</u>
<u>WHITE SAND + CLAY</u>	<u>60</u>	<u>100</u>
<u>WHITE SAND</u>	<u>100</u>	<u>140</u>
<u>WHITE SAND + CLAY</u>	<u>140</u>	<u>151</u>

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: W.E. Canale

[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 #: Ø-46

Elevation: _____

County: MARSHALL
 Permit #: _____
 Driller: BOB SMITH
 Date completed: 10-1-04

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>W.E. CAGILL</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>MARIANNA RD</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
<u>Holly Springs MS</u>	<u>1/4</u> <u>1/4</u> Sec <u>P9</u> Twn <u>T-4S</u> Rng <u>R-3W</u>
City: _____ State: _____ Zip Code: _____	Distance: _____ Direction: _____ Nearest Town: _____
Telephone No: <u>(662) 252-7087</u>	<u>4</u> Miles <u>W</u> of <u>Holly Springs</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet: <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<input checked="" type="radio"/> <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3/4</u>
Date Pump Installed: <u>10-1-04</u>	Setting Depth: <u>110'</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>10-1-04</u>	Air Line <input type="checkbox"/> <input checked="" type="radio"/> <u>Electric Measuring Line</u> <input type="checkbox"/> Steel Tape
Static Water Level (A): <u>100</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>102</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>14</u> GPM with a drawdown of
Test Pumping Rate: <u>14</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]
 Signature of Pump Installer

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