

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)

County: Pike
Permit #: _____
Driller: GRENN WATER WELL & SUPPLY, INC.
Date drilling completed: 7/3/12

For Office Use Only:
Aquifer: _____
Well #: B239
L. S. Elevation: _____
E-log #: _____

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>Todd Rotcliff</u>	Latitude: <u>31° 17' 43" N</u> Longitude: <u>90° 25' 12" W</u>
Mailing Address: <u>1069 California Rd</u> <u>Lot 11</u> <u>Brookhaven MS 39601</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u> , USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>NE</u> ¼ <u>SW</u> ¼ Sec <u>20</u> Twn <u>4N</u> Rng <u>8E</u>
Telephone No. <u>(601) 757-4567</u>	Distance: <u>4</u> Miles Direction: <u>NE</u> of Nearest Town: <u>Summit</u>

Well Data

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

Date well drilling started: 7/3/12 Date well drilling completed: 7/3/12

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

Static Water Level: 58 feet above or below (circle one) land surface Date measured: 7/3/12

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

Hole depth: 162 Well depth: 140 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 120 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 1010 inches Setting depth: From 180 feet to 140 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.

GRENN WATER WELL & SUPPLY, INC.
BRIAN D. McCLENDON, UNR-00000664

Brian McCleendon
Signature of Water Well Contractor

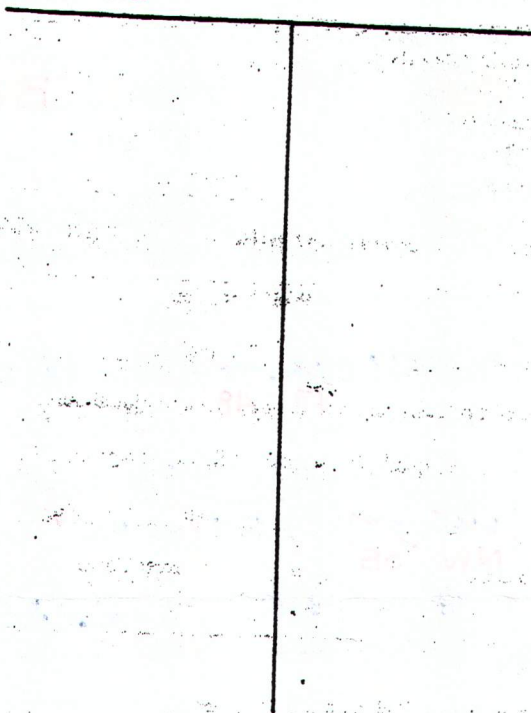
Print Name of Water Well Contractor and License No.

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BY: OLWR

B239

If well telescopes please sketch below and show depths.

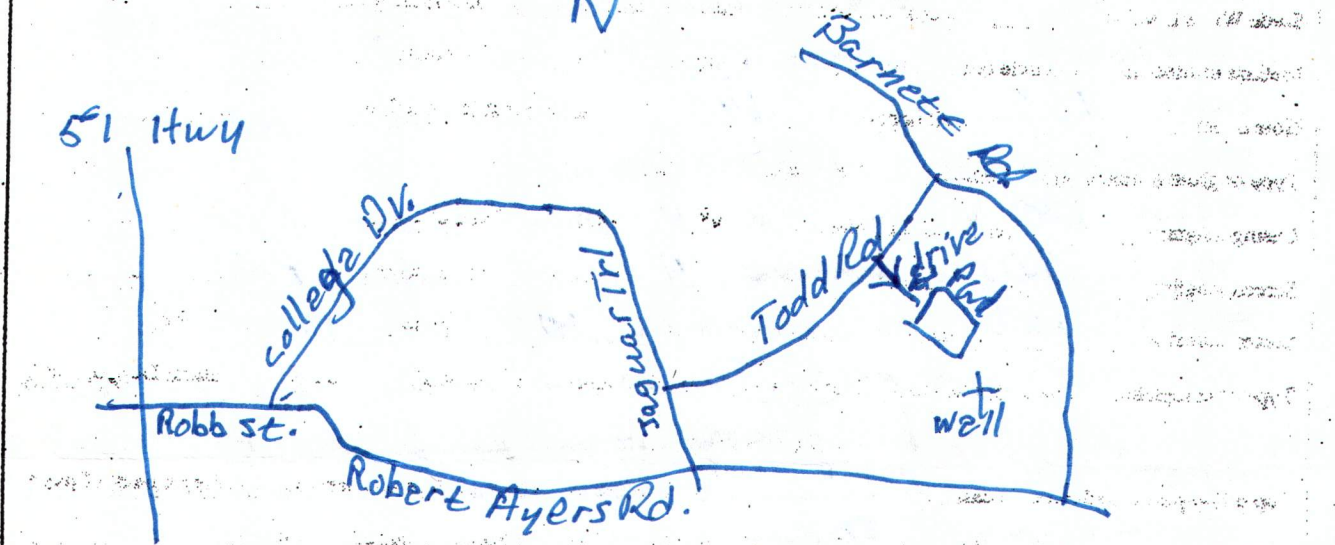
Ground Level



Description of Formations Encountered	From	To
red clay	0	15
sand/gravel	15	33
white clay	33	63
white clay / sand streaks	63	83
blue clay / sand streaks	83	120
Sand	120	162

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: Todd Ratcliff

Brian McEndon 664
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 #: B239
Elevation: _____

County: Pike
Permit #: _____
Driller: GRENN WATER WELL & SUPPLY, INC.
Date completed: 7/6/12

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>Todd Ratcliff</u>	Latitude: <u>31° 12' 80"</u> Longitude: <u>90° 25' 123"</u> <u>17 43</u> <u>03</u>
Mailing Address: <u>1069 California Rd</u> <u>Lot 11</u> <u>Brookhaven MS 39601</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>NE</u> <u>SW</u> <u>SE</u> <u>NE</u> ¼ Sec <u>20</u> Twn <u>4N</u> Rng <u>8E</u>
Telephone No. <u>(601) 757-4567</u>	Distance <u>4</u> Miles Direction <u>NE</u> of Nearest Town <u>Summit</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>7/6/12</u>	Setting Depth: <u>90</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7/6/12</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>58</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>65</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>7</u> Feet Below Land Surface	Well yielded <u>12</u> GPM with a drawdown of
Test Pumping Rate: <u>12</u> Gallons Per Minute	<u>7</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

WILLIAM L. HARDIN, V, UNR-00000802

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

William Hardin
Signature of Pump Installer

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