

County: Benton
 Permit #: 0-163
 Driller: Larry Carpenter
 Date drilling completed: 6-15-2011

State Well Report
Part 1 - Driller's Log
 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: X 92
 Well #: B41
 L. S. Elevation: _____
 E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner
 (Landowner if borehole is not for a water well)
 Owner Name: Donnie C. Buggs
 Mailing Address: P.O. Box 343
Grand Junction TN 38039
 City State Zip Code
 Telephone No. (662) 224-1150

Well or Borehole Location
 Latitude: 34° 47' 27" Longitude: 89° 41' 30"
59 19 09 17
 Method of Lat/Long (circle one): Conventional Survey, Hand-held GPS, Survey-grade GPS
NW 1/4 NW 1/4 Sec 24 Twn 15 Rng 1E
 Distance 5 Miles Direction East of Nearest Town Michigan city

Well / Borehole Data
 Date drilling started: 6-15-11 Date drilling completed: 6-15-11 Hole depth: 127' Hole diameter: 8"
 Location of the source of any surface water used for drilling: Well Water
 Method of dosing and volume of Chlorine used in drilling and development: 1/2 Pound Chlorine to 1000 Gallons Water
 Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____
 Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
 Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____
 If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
 Static Water Level: 80 feet above or below (circle one) land surface Date measured: 6-15-11
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 127' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 107 feet Casing diameter: 4 inches Type of casing: PVC
 Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC
 Screen slot size: .013 inches Setting depth: From 107 feet to 127 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 next page*

Form: OLWR-SWR-1A
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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: Benton
Permit #: 0-162
Driller: Larry Carpenter
Date completed: 6-15-2011
Copy information from block on Part 1

For Office Use Only:
Aquifer: _____
Well #: B41
Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Donnie C Buggs</u>	Latitude: <u>34.49.277</u> Longitude: <u>89.41.300</u> <u>59 19</u> <u>09 17</u>
Mailing Address: <u>PO Box 342</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Madison Junction, TN 38039</u> City State Zip Code	USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
Telephone No. <u>(662) 224-1150</u>	NW 1/4 NW 1/4 Sec <u>24</u> T <u>15</u> R <u>1E</u>
	Distance Direction Nearest Town <u>5</u> Miles <u>East</u> of <u>Michigan City</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <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>6-15-11</u>	Setting Depth: <u>100</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>6-15-11</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>80</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>86</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>6</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>6</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.

Larry Carpenter #0-162
Print Name of Pump Installer and License No. (if applicable)

Larry Carpenter
Signature of Pump Installer

