

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date drilling completed: 2-22-11

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: P 8e
 Well #: _____
 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: Andrew Bean
 Mailing Address: 705 Jeffries Rd
Potts Camp Ms 38659
 City State Zip Code
 Telephone No. (404) 242 8541

Well or Borehole Location
 Latitude: 34° 41' 18" N Longitude: 89° 22' 58" W
 Method of Lat/Long (circle one): Hand-held GPS Conventional Survey
 USGS quad, Hand-held GPS Survey-grade GPS
 NE 1/4 SW 1/4 Sec 2 Twn 55 Rng 2W
 Distance Direction Nearest Town
4 Miles NW of Potts Camp

Well / Borehole Data
 Date drilling started: 2-22-11 Date drilling completed: 2-22-11 Hole depth: 114' 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 lb chlorine to 1000 gal 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: 2-22-11
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 114' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix
 Casing length: 94 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 94 feet to 114 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-SAR-1A
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The sketch below only required for water wells

If well telescopes, show depths on sketch

Ground Level →

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Surface Soil	Ground Level 0	15
Med. Brown Sand	15	36
Med. White Sand	36	60
White Clay	60	72
White Coarse Sand	72	114

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) a north arrow.

Landowner Name: Andrew Bean

Form: OLWR-SWR-1A

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Barry Carpenter 0-162 2-24-11 Barry Carpenter

Print Name of Responsible Licensee and License No. Date Signature of Licensee

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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: Marshall
Permit #: 0-162
Driller: Larry Carpenter
Date completed: 2-22-11
Copy information from block on Part 1

For Office Use Only:
Aquifer: _____
Well #: _____
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>Andrew Bean</u>	Latitude: <u>34 41 198</u> Longitude: <u>89 22 584</u>
Mailing Address: <u>705 Jeffries Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Potts Camp, MS 38659</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>2</u> T. <u>55</u> R. <u>2W</u>
Telephone No. <u>404 242 8541</u>	Distance Direction Nearest Town
	<u>4</u> Miles <u>NW</u> of <u>Potts Camp</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <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>2-22-11</u>	Setting Depth: <u>106</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>2-22-11</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>80</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>85</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>16</u> GPM with a drawdown of
Test Pumping Rate: <u>16</u> Gallons Per Minute	<u>5</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 Larry Carpenter
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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