

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

County: Marion
Permit #: 0-586
Driller: JAMES WELLS
Date drilling completed: 2-25-11

For Office Use Only:
Aquifer: M 66
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)	Well or Borehole Location
Owner Name: <u>Harold Hentze</u>	Latitude: <u>31° 18' 06"</u> Longitude: <u>89° 45' 18"</u>
Mailing Address: <u>84 Gray Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, _____ USGS quad, Hand-held GPS, Survey-grade GPS
<u>Sumrall</u> MS <u>39482</u>	<u>SE</u> 1/4 <u>SE</u> 1/4 Sec <u>1</u> Twn <u>4N</u> Rng <u>17W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 325-4599</u>	<u>17</u> Miles <u>N</u> of <u>Columbia</u>

Well / Borehole Data

Date drilling started: 2-25-11 Date drilling completed: 2-25-11 Hole depth: 212 Hole diameter: 7 1/2"

Location of the source of any surface water used for drilling: running creek

Method of dosing and volume of Chlorine used in drilling and development: shock

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: 90 feet above or below (circle one) land surface Date measured: 2-25-11

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

Well depth: 212 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 192 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: .008 inches Setting depth: From 192 feet to 212 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-SWF-LA (04/08)

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BY OLWR

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 #: _____
 Elevation: _____

County: Marion
 Permit #: _____
 Driller: JAMES WELLS
 Date completed: 2-25-11

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>Harold Hentze</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>84 Gray Rd</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Sumner</u> MS <u>39482</u>	_____ 1/4 _____ 1/4 Sec <u>1</u> Twn <u>4N</u> Rng <u>17W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(601) 325-4599</u>	<u>17</u> Miles <u>N</u> of <u>Columbia</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> Submersible <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	Electric Motor <input checked="" type="radio"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>2-25-11</u>	Setting Depth: <u>150</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-25-11</u>	Air Line Electric Measuring Line Steel Tape <input checked="" type="radio"/>
Static Water Level (A): <u>90</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>150</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>97</u> Feet Below Land Surface	Well yielded <u>18</u> GPM with a drawdown of
Test Pumping Rate: <u>18</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.

JAMES WELLS 0-586 James Wells
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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