

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: LAMAR
Permit #: 0-586
Driller: JAMES WELLS
Date drilling completed: 8-25-09

For Office Use Only:
Aquifer:
Well #: H125
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: Melanie Bennett
Mailing Address: 679 Tatum Camp Rd, Purvis MS 39475
City: Purvis State: MS Zip Code: 39475
Telephone No.: (601) 264-2896
Well or Borehole Location
Latitude: 31° 15' 00" Longitude: 89° 21' 08"
Method of Lat/Long (circle one): Conventional Survey,
USGS quad, Hand-held GPS, Survey-grade GPS
NE 1/4 SE 1/4 Sec 1 Twn 34 Rng 14W
Distance 2 Miles Direction South of Nearest Town Hattiesburg

Well / Borehole Data
Date drilling started: 8-25-09 Date drilling completed: 8-25-09 Hole depth: 200 Hole diameter: 7
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: Shark 36
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 [checked] 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 [checked] 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: 8-25-09
Method of Measurement (circle one) steel tape electric tape air line other:
Well depth: 200 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 180 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 200 feet Screen diameter: 4 inches Type of screen: PVC
Screen slot size: .008 inches Setting depth: From 180 feet to 200 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

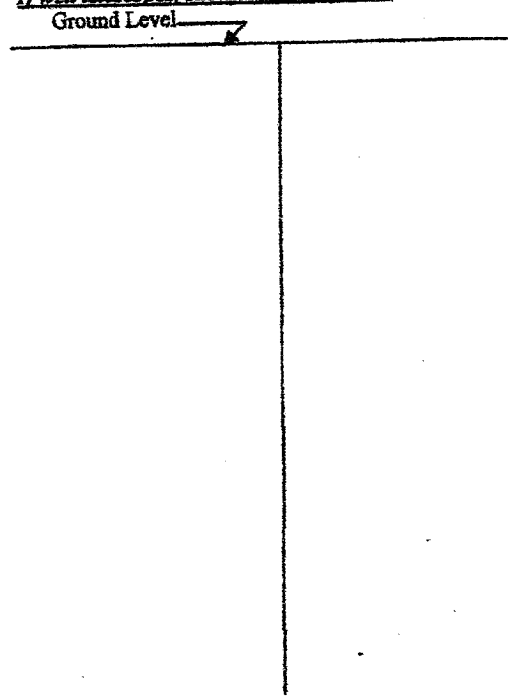
Form: OLWR-SWR-1A (04/08)

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The sketch below only required for water wells

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

If well telescopes, show depths on sketch



Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	2
Clay	2	120
Sand	120	200

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: Melane Bennett

Form: OLWR-SWR-1A (04/08)

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. JAMES WELLS 0-586

*James Wells*

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 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

County: WAMBR  
 Permit #: \_\_\_\_\_  
 Driller: JAMES WELLS  
 Date completed: 8-25-09  
*Conv information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: H125  
 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>Melani Bennett</u>	Latitude: <u>31-15-00</u> Longitude: <u>89-21-08</u>
Mailing Address: <u>679 Tatum Camp Rd</u> <u>Pine Bluff</u> <u>MS 39475</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>NE 1/4 SE 1/4 Sec 1 T 37 R 14 W</u>
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____
Telephone No. <u>(601) 264-2886</u>	<u>2</u> Miles <del>North</del> of <u>Hattiesburg</u> <u>South</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>1</u>
Date Pump Installed: <u>8-25-09</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>15</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-25-09</u>	Air Line      Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>90</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>120</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>100</u> Feet Below Land Surface	Well yielded <u>15</u> GPM with a drawdown of
Test Pumping Rate: <u>15</u> Gallons Per Minute	<u>90</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  
 Print Name of Pump Installer and License No. (if applicable)

James Wells  
 Signature of Pump Installer

Form: OLWR-SWR-1B (04/08)

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