

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)

County: CALHOUN
Permit #: MS 6W 16168
Driller: PARKS + PARKS WELL SERVICE, INC.
Date drilling completed: 11/10/2005

For Office Use Only:
Aquifer: _____
Well #: K-102
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>TOWN OF DEERMA</u>	Latitude: <u>33° 57' 35"</u> Longitude: <u>89° 16' 58"</u>
Mailing Address: <u>PO Box 98</u>	Method of Lat/Long (circle one): Conventional Survey, <u>33</u> <u>58</u>
<u>DEERMA</u> MS <u>38839</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>1/4</u> <u>1/4</u> Sec <u>15</u> Twn <u>14S</u> Rng <u>1W</u>
Telephone No. <u>(662) 628-6635</u>	Distance Direction Nearest Town <u>.1</u> Miles <u>N</u> of <u>DEERMA</u>

Well / Borehole Data

Date drilling started: 5/5/2005 Date drilling completed: 11/10/2005 Hole depth: 1966 Hole diameter: 7 7/8

Location of the source of any surface water used for drilling: TOWN OF DEERMA
Method of dosing and volume of Chlorine used in drilling and development: 5 PPM

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: 125.53 feet above or below (circle one) land surface Date measured: _____

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

Well depth: 1920 Well grouted to a depth of 1835 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 1835 feet Casing diameter: 12 inches Type of casing: STEEL

Screen length: 60 feet Screen diameter: 6 inches Type of screen: STAINLESS STEEL

Screen slot size: .030 inches Setting depth: From 1860 feet to 1920 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: 1800 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: CALHOUN
 Permit #: 16168
 Driller: PARKS + PARKS WELL SERVICE INC
 Date completed: _____
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: K-102
 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>Town of DELMAT</u>	Latitude: <u>33-52-58</u> Longitude: <u>89-16-27</u>
Mailing Address: <u>PO BOX 98</u>	Method of Lat/Long (check one): Conventional Survey _____ <u>33</u> _____ <u>58</u>
<u>DELMAT</u> MS <u>38859</u>	USGS quad <u>Hand-held GPS</u> , Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>15</u> T <u>14S</u> R <u>1W</u>
Telephone No. <u>(602) 628-6635</u>	Distance Direction Nearest Town <u>1.1</u> Miles <u>N</u> of <u>DELMAT</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>30</u>
Date Pump Installed: <u>1-17-2006</u>	Setting Depth: <u>190</u> feet
Rated Pump Capacity: <u>300</u> Gallons Per Minute	Number of Stages: <u>6</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>3-27-2006</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>125</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>138</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>13</u> Feet Below Land Surface	Well yielded <u>300</u> GPM with a drawdown of
Test Pumping Rate: <u>300</u> Gallons Per Minute	<u>13</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

Rayburn Parks 0-414 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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