

County: Sunflower
Permit #: GW-45588
Driller: Irrigation Equipment
Date drilling completed: 06/23/2012

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)

For Office Use Only:
Aquifer: Q91
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>James B. Failing</u>	Latitude: <u>33 ° 26 ' 06 "</u> Longitude: <u>90 ° 36 ' 59 "</u>
Mailing Address: <u>1408 Bayou Drive</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey,
<u>Indianola</u> <u>Ms</u> <u>38751</u>	<input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
City State Zip code	<u>Sw 1/4</u> <u>SE 1/4</u> Sec <u>4</u> Twn <u>18N</u> Rng <u>4W</u>
Telephone No. <u>() -</u>	Distance Direction Nearest Town
	<u>1</u> Miles <u>Southeast</u> of <u>Indianola</u>

Well / Borehole Data

Date drilling started: 06/23/2012 Date drilling completed: 06/23/2012 Hole depth: 135 Hole diameter: 24"

Location of the source of any surface water used for drilling: Surface Water

Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

Logs run (check 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 flowing, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 34 feet above or below (check one) land surface Date measured: 06/23/2012

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

Well depth: 135 Well grouted to a depth of 10 feet Type of grout (check one): Neat Cement Bentonite Mix

Casing length: 95 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 96 feet to 135 feet

Type of completion (check 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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9191

The sketch below only required for water wells

If well telescopes, show depths on sketch.

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

Ground level

Description of Formations Encountered	From (depth)	To (depth)
Brown Sand	Ground level	35
Fine Sand	36	45
Medium Sand	46	65
Course Sand	66	75
Course Sand & Gravel	76	135

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.

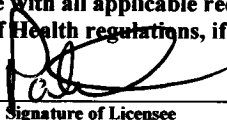
Landowner Name: James B. Failing

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.

Patrick Chism 0695
Print Name of Responsible Licensee and License No.

06/26/2012
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)

For Office Use Only:

Aquifer:
Well #: Q191
Elevation:

County: Sunflower
Permit #: GW-45588
Driller: Irrigation Equipment
Date drilling completed: 06/23/2012
Copy information from block on Part 1

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: James B. Failing, 1408 Bayou Dr., Indianola, Ms 38751
Well Location: Latitude 33 26' 06 N, Longitude 90 36' 59 W, Method of Lat/Long: Hand-held GPS, SW 1/4 SE 1/4 Sec 4 T 18N R 4W, Distance 1 Miles Southeast of Indianola

Pump Type: Turbine
Power Type: Electric Motor
Horse Power Rating of Motor: 75
Setting Depth: 80 feet
Number of Stages: 1

Pump Test Data: Date Well Tested, Static Water Level (A), Pumping Water Level (B), Drawdown [(B) - (A)], Test Pumping Rate, Duration of Pump Test
Method of Measuring Water Level: Air Line, Electric Measuring Line, Steel Tape

This is for (check one): [X] New Well [] Replacement of Existing Pump [] Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Patrick Chism 0695
Signature of Pump Installer

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JUL 06 2012

Form: OLW-SWR-C-101 BY: OLWR