

County: Suffolk
 Permit #: GW-44429 ✓
 Driller: Cook Drilling Co., Inc.
 Date drilling completed: 7-16-10

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: E 137
 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.

<p>Information on Well Owner <i>(Landowner if borehole is not for a water well)</i></p> <p>Owner Name: <u>Aquifer Farms</u> Mailing Address: <u>1241 South Bishop Rd.</u> <u>Cleveland Ms. 38732</u> City State Zip Code Telephone No. <u>(662) 843-5512</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>33°47'57" ³⁴</u> Longitude: <u>90°39'03" ⁰¹</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SW 1/4 NE 1/4 Sec 09</u> ✓ <u>Twn 22</u> ✓ <u>Rng 04</u> ✓ <u>4W</u> Distance Direction Nearest Town <u>0</u> Miles <u>E</u> of <u>Cleveland</u></p>
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Well / Borehole Data

Date drilling started: 7-16 Date drilling completed: 7-16 Hole depth: 120 Hole diameter: 26

Location of the source of any surface water used for drilling: _____
 Method of dosing and volume of Chlorine used in drilling and development: _____

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: 40 feet above or below (circle one) land surface Date measured: 7-17 10

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

Well depth: 120 Well grouted to a depth of ___ feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 80 feet Casing diameter: 16 inches Type of casing: PVC
 Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC
 Screen slot size: 50 inches Setting depth: From 80 feet to 120 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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E137

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

Ground Level → 61044429

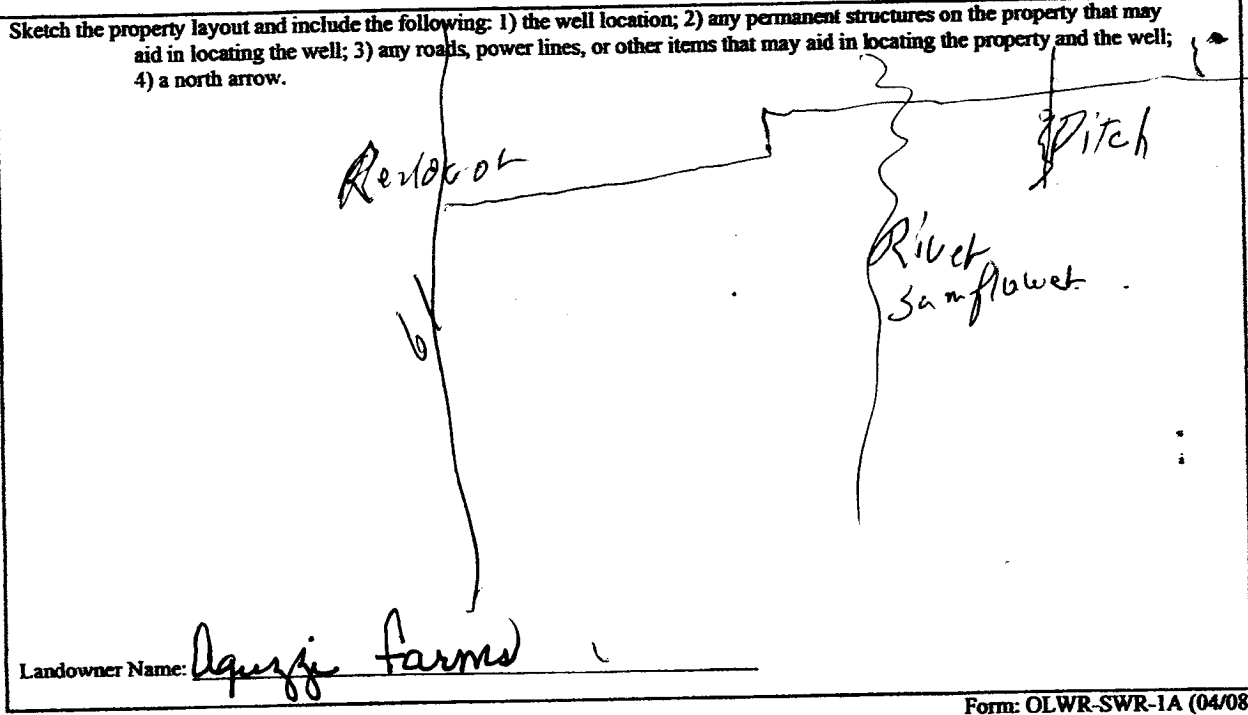


80

40

Description of Formations Encountered	From (depth) Ground Level	To (depth)

If more than one screen, show location of each on sketch



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.

COOK DRILLING Co., INC. 289
Print Name of Responsible Licensee and License No.

7-16-10
Date

Sidney Cook
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: DeSoto
 Permit #: GW 44429
 Driller: Cook Drilling Co., Inc.
 Date completed: 7-17-10
Copy information from block on Part 1

For Office Use Only:

Aquifer: E137
 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>Aquatic Farms</u>	Latitude: <u>33 47 571</u> Longitude: <u>90 39 033</u>
Mailing Address: <u>1247 South Bishop Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Cleveland MS 38732</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 NE 1/4 Sec 07 T 22N R 04W</u>
Telephone No. <u>(662) 843-5512</u>	Distance _____ Direction _____ Nearest Town _____
	_____ Miles _____ of _____

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>60</u>
Date Pump Installed: <u>7-17-10</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2400</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>40</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Cook Drilling Co., Inc. 289
 Print Name of Pump Installer and License No. (if applicable)

Sidney Cook
 Signature of Pump Installer

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

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 BY: OLWR