

County: Sunflower
 Permit #: GW-47685
 Driller: Irrigation Equipment
 Date drilling completed: 09/20/2013

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 39225-2309
 (601) 961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: 5129
 Aquifer: _____
 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.

Well Owner Information <i>(Landowner if borehole is not for a water well)</i>			Well or Borehole Location		
Owner Name: <u>John Mark Looney</u>			Latitude: <u>33 19' 57.3 N</u> Longitude: <u>90 45' 50.8 W</u>		
Mailing Address: <u>105 Buck Road</u>			Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, ⁴⁸		
			<input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS		
<u>Leland</u>	<u>Ms</u>	<u>38756</u>	<u>NW 1/4 SW 1/4, Sec 7 T 17 N R 5 W</u>		
City	State	Zip code			
Telephone No. () -			<u>9</u> Miles <u>East</u> of <u>Inverness</u>		
			<i>(Distance)</i>	<i>(Direction)</i>	<i>(Nearest Town)</i>

Well / Borehole Data

Date drilling started: 09/20/2013 Date drilling completed: 09/20/2013 Hole depth: 127 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 all applicable): Home Industrial Public Supply Irrigation Fish Culture
 Other (describe): _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 28' feet [above or below] land surface Date measured: _____
(check one)

Method of Measurement (check one) Steel tape Electric tape Air line Other: (describe) _____

Well depth: 127 Well grouted to a depth of: 10 feet Type of grout (check one): Neat Cement Bentonite Mix

Casing length: 87 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 87 feet to 127 feet

Type of completion (check all applicable): Gravel packed Underreamed Open hole Natural Development
 Other (describe): _____

Top of lap pipe or reduction in casing: _____ Feet

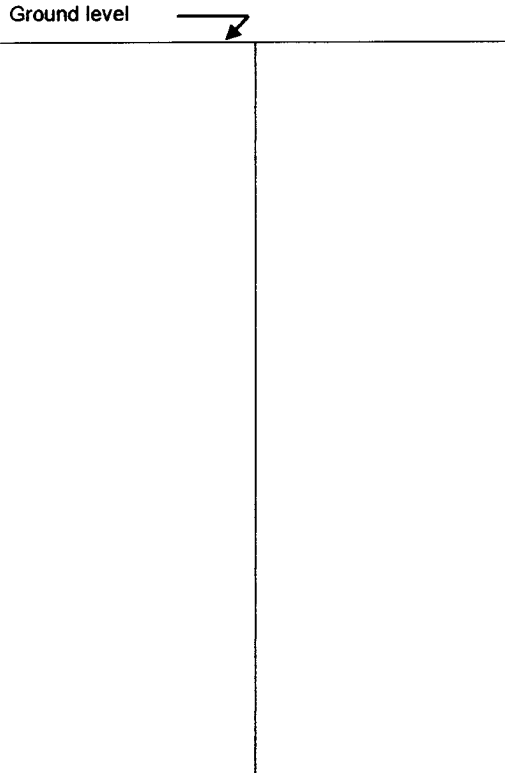
If telescoped or more than one screen, describe on next page

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*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*



Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	22
Fine Sand	23	38
Fine Sand & Gravel	39	70
Medium Sand & Gravel	71	127

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: John Mark Looney

I HEREBY 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** **09/20/2013**

Print Name of Responsible Licensee and License No. Date Signature of Licensee

County: Sunflower
 Permit #: GW-47685
 Driller: Irrigation Equipment
 Date drilling completed: 09/20/2013
Copy information from block on Part 1

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 39225-2309
 (601) 961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: 5129
 Aquifer: _____

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>John Mark Looney</u>	Latitude: <u>33 19' 57.3 N</u> Longitude: <u>90 45' 50.8 W</u>
Mailing Address: <u>105 Buck Road</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Leland</u> <u>Ms</u> <u>38756</u>	<u>NW 1/4 SW 1/4, Sec 7 T 17 N R 5 W</u>
City State Zip code	<u>9</u> Miles <u>East</u> of <u>Inverness</u>
Telephone No. () -	(Distance) (Direction) (Nearest Town)

Pump Type (check one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed 09/23/2013 Rated Pump Capacity: 2000+/- Gallons Per Minute

Is This Pump (check one): New Repaired Replacement

Power Type (check one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 2

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ Hours

Static Water Level (A): _____ Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute

Method of measurement (check one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ Feet

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: None Installed Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: _____ Meter installed by: _____

Is This Meter (check one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Patrick Chism 0695 10/23/2013

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Form: OLWR-SWR-1B (4/13)