

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2307
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

County: Pike
Permit #: _____
Driller: Willie Jordan
Date drilling completed: 8/27/12

For Office Use Only:
Aquifer: _____
Well #: M150
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>Marvin Costello</u>	Latitude: <u>30° 51' 48"</u> Longitude: <u>90° 16' 22"</u> <u>31 05 04</u> <u>90-16-22</u>
Mailing Address: <u>2183 - James George Rd</u> <u>MAgucclia, Ms.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City _____ State _____ Zip Code _____	NW ¼ NW ¼ Sec <u>10</u> Twn <u>1N</u> Rng <u>9E</u> <u>2</u>
Telephone No. (____) _____	Distance _____ Miles Direction <u>SE</u> of Nearest Town <u>MAgucclia</u>

Well / Borehole Data

Date drilling started: 8/27/12 Date drilling completed: 8/27/12 Hole depth: 76 Hole diameter: 9 1/2

Location of the source of any surface water used for drilling: POTABLE WATER
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: 20 feet above or below (circle one) land surface Date measured: 8/27/12

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

Well depth: 76 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite (Mix)

Casing length: 66 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 66 feet to 76 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)

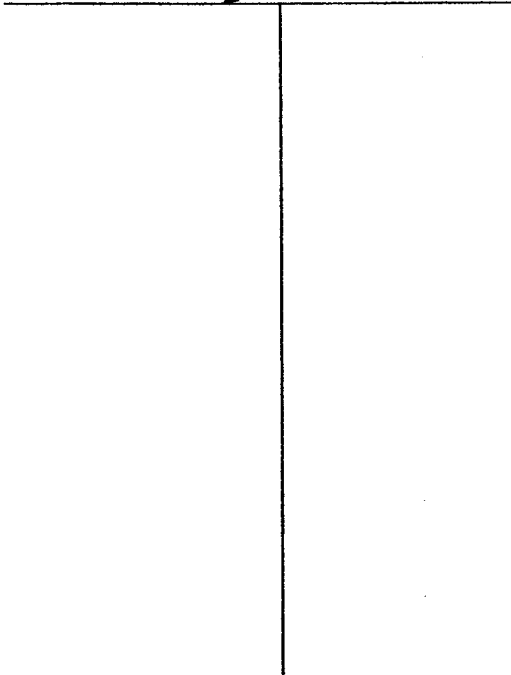
RECEIVED
SEP 10 2012
OLWR

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

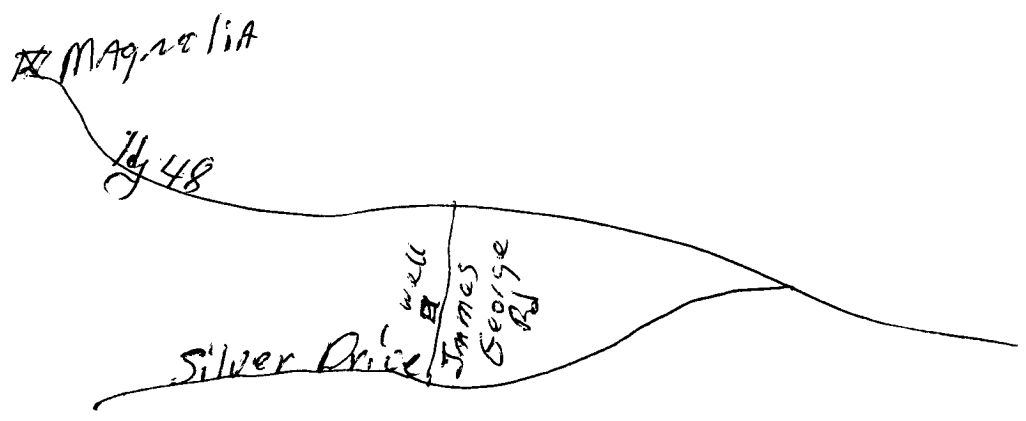
Ground Level



Description of Formations Encountered	From (depth) Ground Level	To (depth)
Top Soil	0	1
Sandy Clay	1	25
Sand	25	76

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.

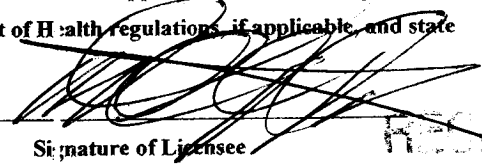


Landowner Name: Marvin Costello

Form: OLWR-SWR-IA (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.

Print Name of Responsible Licensee and License No. Willie Jordan 0-508 Date 8/27/12

Signature of Licensee 

RECEIVED
SEP 1 2012
BY OLWR

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: Pike
 Permit #: _____
 Driller: Willie Jordan
 Date completed: 8/27/12
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: M150
 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>Marvin Costello</u>	Latitude: 30-55-48 Longitude: 89-45-02
Mailing Address: <u>2182 James George Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Magnolia, MS</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NW 1/4 NW 1/4</u> , Sec <u>10</u> T <u>1N</u> R <u>9E</u>
Telephone No. () _____	Distance _____ Direction <u>2</u> Nearest Town _____
	<u>8</u> Miles <u>SE</u> of <u>Magnolia</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>8/27/12</u>	Setting Depth: <u>90</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8/27/12</u>	Air Line _____ Electric Measuring Line _____ <u>Steel Tape</u>
Static Water Level (A): <u>20</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 <u>10</u> GPM with a drawdown of _____
Test Pumping Rate: <u>10</u> Gallons Per Minute	_____ 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.

Willie Jordan 0-508 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B-(04/08) **RECEIVED**
 SEP 11 2012
 OFFICE OF LAND AND WATER RESOURCES