

# 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)

County: GRENADA

Permit #: \_\_\_\_\_

Driller: RatLiff Water Well

Date drilling completed: 9-25-13

### For Office Use Only:

Well #: H160

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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Lawrence Litton</u>	Latitude: <u>N 33° 46' 00"</u> Longitude: <u>W 089° 46' 00"</u>
Mailing Address: <u>1024 Hebron Church Road</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>GRENADA</u> <u>Ms.</u> <u>38901</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SW 1/4, Sec 15 T 22N R 5E</u>
Telephone No. ( ) _____	<u>3</u> Miles <u>EAST</u> of <u>GRENADA</u>
	(Distance) (Direction) (Nearest Town)

### Well / Borehole Data

Date drilling started: 9-17-13 Date drilling completed: 9-25-13 Hole depth: 535 Hole diameter: 7 7/8

Location of the source of any surface water used for drilling: NEAR-by well

Method of dosing and volume of Chlorine used in drilling and development: HTH

Logs run (circle all applicable):  No log run  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (circle 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 (circle 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: 65 feet [above or  below] land surface Date measured: 10-3-13  
(circle one)

Method of measurement (circle one): Steel tape  Electric tape  Air line Other (describe): \_\_\_\_\_

Well depth: 535 Well grouted to a depth of: 10 feet Type of grout (circle one):  Neat Cement  Bentonite Mix

Casing length: 525 feet Casing diameter: 4 inches Type of casing: STEEL

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

Screen slot size: .013 inches Setting depth: From 525 feet to 535 feet

Type of completion (circle 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*



### 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)

County: GRENADA  
Permit #: \_\_\_\_\_  
Driller: Ratliff Water Well Serv  
Date completed: 10-3-13  
Copy information from block on Part 1

**For Office Use Only:**  
Well #: 1160  
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>LAWRENCE LITTON</u>	Latitude: <u>N33°46'00"</u> Longitude: <u>W089°46'028"</u>
Mailing Address: <u>1024 Hebron Church Road</u>	Method of Lat/Long (check one): Conventional Survey _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>GRENADA</u> <u>Ms.</u> <u>38901</u>	USGS quad _____, $\frac{1}{4}$ _____, $\frac{1}{4}$ , Sec. <u>15</u> T <u>22N</u> R <u>5E</u>
City State Zip Code	<u>3</u> Miles <u>EAST</u> of <u>GRENADA</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
 Date Pump Installed: 10-1-13 Rated Pump Capacity: 12 Gallons Per Minute  
 Is This Pump (circle one):  New  Repaired  Replacement

**Power Type (circle one)**  
 Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_  
 Horse Power Rating of Motor: 1 Setting Depth: 220' feet Number of Stages: 18

**Pump Test Data for Non Flowing Well**  
 Date Well Tested: 10-2-13 Duration of Pump Test (minimum 4 hours): 4 hours  
 Static Water Level (A): 64 Feet Below Land Surface Pumping Water Level (B): 180 Feet Below Land Surface  
 Drawdown [(B) - (A)]: 116 Feet Below Land Surface Test Pumping Rate: 12 Gallons Per Minute  
 Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**  
 Measured shut in head: \_\_\_\_\_ feet.  
 Well yielded 12 GPM with a drawdown of 116 feet after 4 hours of pumping

**Meter Installation**  
 Meter Manufacturer: \_\_\_\_\_ 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 (circle 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.  
Robert E. Ratliff 0-002 10-7-13 Robert E. Ratliff  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer