

Thornton 21-2

# 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 #: H 31  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Covington  
Permit #: \_\_\_\_\_  
Driller: John W Thompson  
Date drilling completed: 11-26-13

*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>Roundtree + associates</u>			Latitude: <u>31° 39' 04.8"</u> Longitude: <u>89° 24' 21.9"</u>		
Mailing Address: <u>PO Box 22864</u> <u>Jackson MS</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____		
City	State	Zip Code	<u>NW 1/4 NE 1/4, Sec 21 T 8N R 14W</u>		
Telephone No. (____) _____			<u>10</u> Miles <u>E</u> of <u>Collins</u> <small>(Distance) (Direction) (Nearest Town)</small>		

**Well / Borehole Data**

Date drilling started: 11-21-13 Date drilling completed: 11-26-13 Hole depth: 430 Hole diameter: 7

Location of the source of any surface water used for drilling: Local Creek

Method of dosing and volume of Chlorine used in drilling and development: Used 8 gallons bleach

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): rig supply

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

Static Water Level: 167 feet [above or  below] land surface Date measured: 11-26-13  
(circle one)

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

Well depth: 420 Well grouted to a depth of: 20 feet Type of grout (circle one): Neat Cement   Bentonite  Mix

Casing length: 380 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .010 inches Setting depth: From 380 feet to 420 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)

### For Office Use Only:

Well #: H 31  
Aquifer: \_\_\_\_\_

County: Covington  
Permit #: \_\_\_\_\_  
Driller: John W Thompson  
Date completed: 11-26-13  
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			Well Location		
Owner Name: <u>Roadtree &amp; Associates</u>			Latitude: <u>31° 39' 08"</u> Longitude: <u>89° 24' 21.9"</u>		
Mailing Address: <u>P.O. Box 22864</u> <u>Jackson MS</u>			Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____		
City	State	Zip Code	<u>NW 1/4 NE 1/4, Sec 21 T 8N R 14W</u>		
Telephone No. (____) _____			<u>10</u> Miles <u>E</u> of <u>Collins</u> (Distance) (Direction) (Nearest Town)		

**Pump Type (circle one)**  
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_  
Date Pump Installed: 11-26-13 Rated Pump Capacity: 55 Gallons Per Minute  
Is This Pump (circle one):  New  Repaired  Replacement

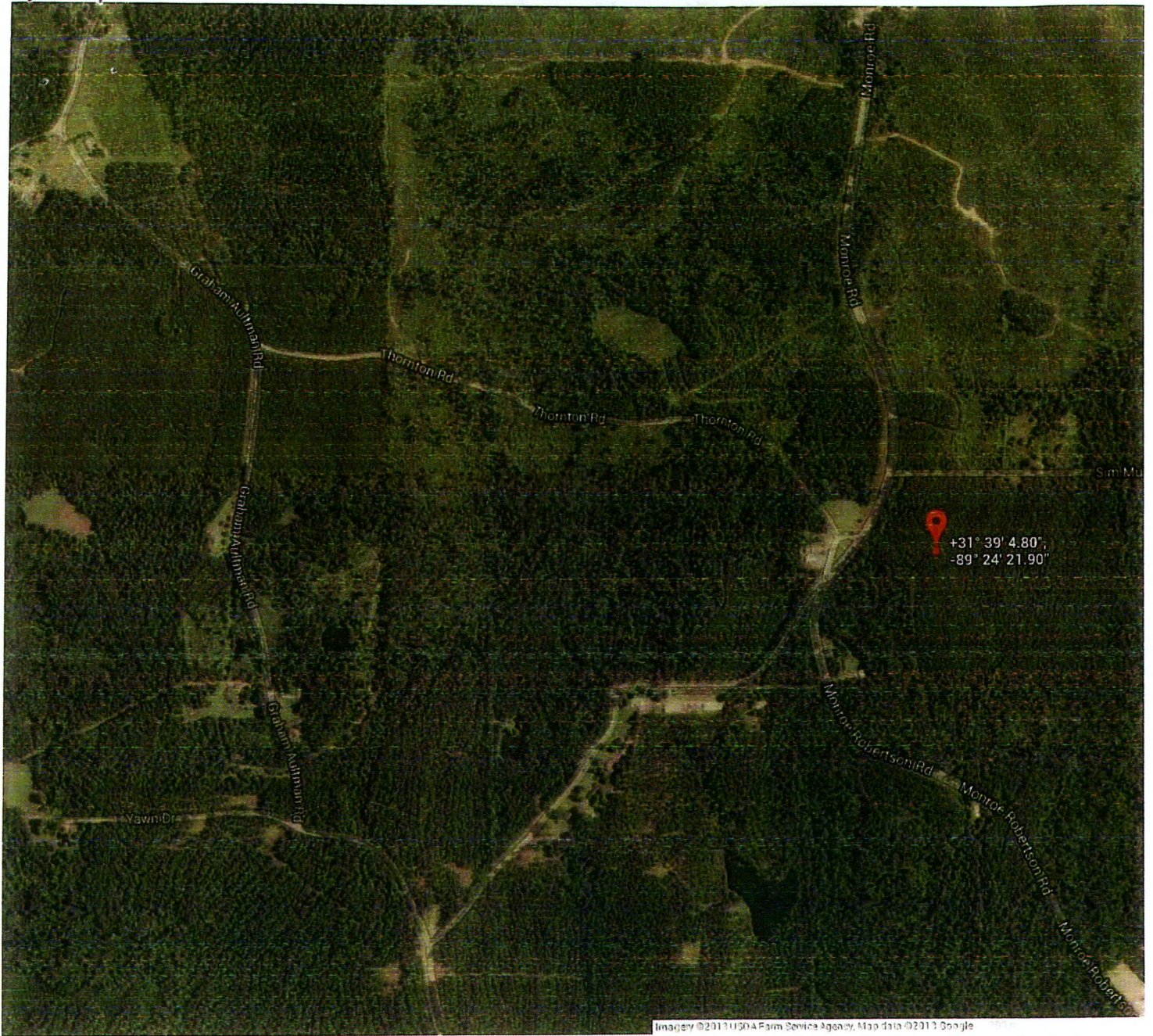
**Power Type (circle one)**  
 Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): \_\_\_\_\_  
Horse Power Rating of Motor: 7.5 Setting Depth: 260 feet Number of Stages: \_\_\_\_\_

**Pump Test Data for Non Flowing Well**  
Date Well Tested: 11-26-13 Duration of Pump Test (minimum 4 hours): 4 hours  
Static Water Level (A): 167 Feet Below Land Surface Pumping Water Level (B): 189 Feet Below Land Surface  
Drawdown [(B) - (A)]: 22 Feet Below Land Surface Test Pumping Rate: 45 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 \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ 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.  
John W Thompson 0-679 11-26-13 John W Thompson  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



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BY: OLWR