

Plum Creek #1

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 33
Aquifer:
E-Log #:

County: Covington
Permit #:
Driller: John W Thompson
Date drilling completed: 5-31-14

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 (Landowner if borehole is not for a water well)
Owner Name: Mossbacher
Mailing Address: 712 Main St ste 2200 Houston TX 77002
City State Zip Code
Telephone No.
Well or Borehole Location
Latitude: 31°38'26" Longitude: 89°26'10"
Method of Lat/Long (check one): Conventional Survey
USGS quad, Hand-held GPS, Survey-grade GPS
SE 1/4 SE 1/4, Sec 19 T8N R14W
7 Miles E of Collins (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: 5-29-14 Date drilling completed: 5-31-14 Hole depth: 400 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: added 8 gallons of Clorox to water
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: 77 feet [above or below land surface] (circle one) Date measured: 5-31-14
Method of measurement (circle one): Steel tape Electric tape Air line Other (describe):
Well depth: 200 Well grouted to a depth of: 20 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 160 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 160 feet to 200 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

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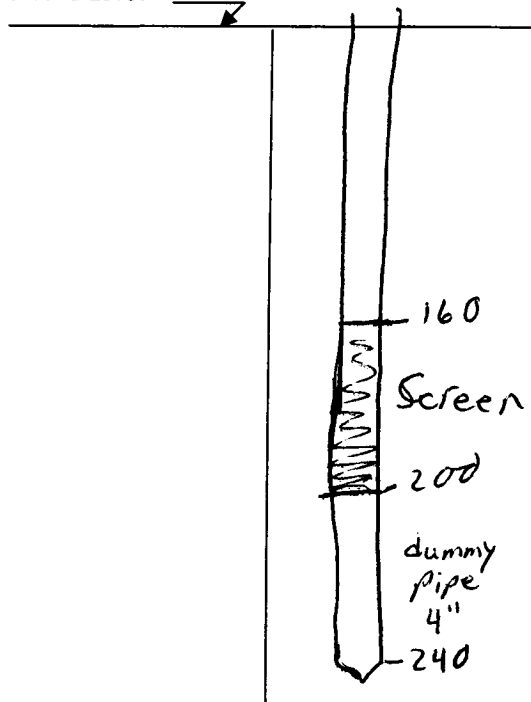
County: Covington  
Permit #: \_\_\_\_\_

**For Office Use Only:**  
Well #: H33

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

Ground Level →



Description of Formations Encountered	From (depth)	To (depth)
sand & clay	Ground level	20
white clay	20	40
white clay	40	60
sand & clay	60	100
sand	100	200
clay	200	240

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) north arrow

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Landowner Name: Massbacher

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.

John W Thompson 0-679      6-3-14      John W Thompson  
Print Name of Responsible Licensee and License No.      Date      Signature of Licensee

# 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 #: H33  
 Aquifer: \_\_\_\_\_

County: Covington  
 Permit #: \_\_\_\_\_  
 Driller: John W Thompson  
 Date completed: 5-31-14  
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>Massbacher</u>			Latitude: <u>31° 38' 26"</u> Longitude: <u>89° 26' 10"</u>	
Mailing Address: <u>712 Main st ste 2200</u> <u>Houston TX 77002</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>SE 1/4 SE 1/4, Sec 19 T 8N R 14W</u>	
Telephone No. (____) _____			<u>7</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: 5-31-14 Rated Pump Capacity: 85 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: 85 feet Number of Stages: \_\_\_\_\_

**Pump Test Data for Non Flowing Well**

Date Well Tested: 5-31-14 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 77 Feet Below Land Surface Pumping Water Level (B): 82 Feet Below Land Surface

Drawdown [(B) - (A)]: 5 Feet Below Land Surface Test Pumping Rate: 75 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.

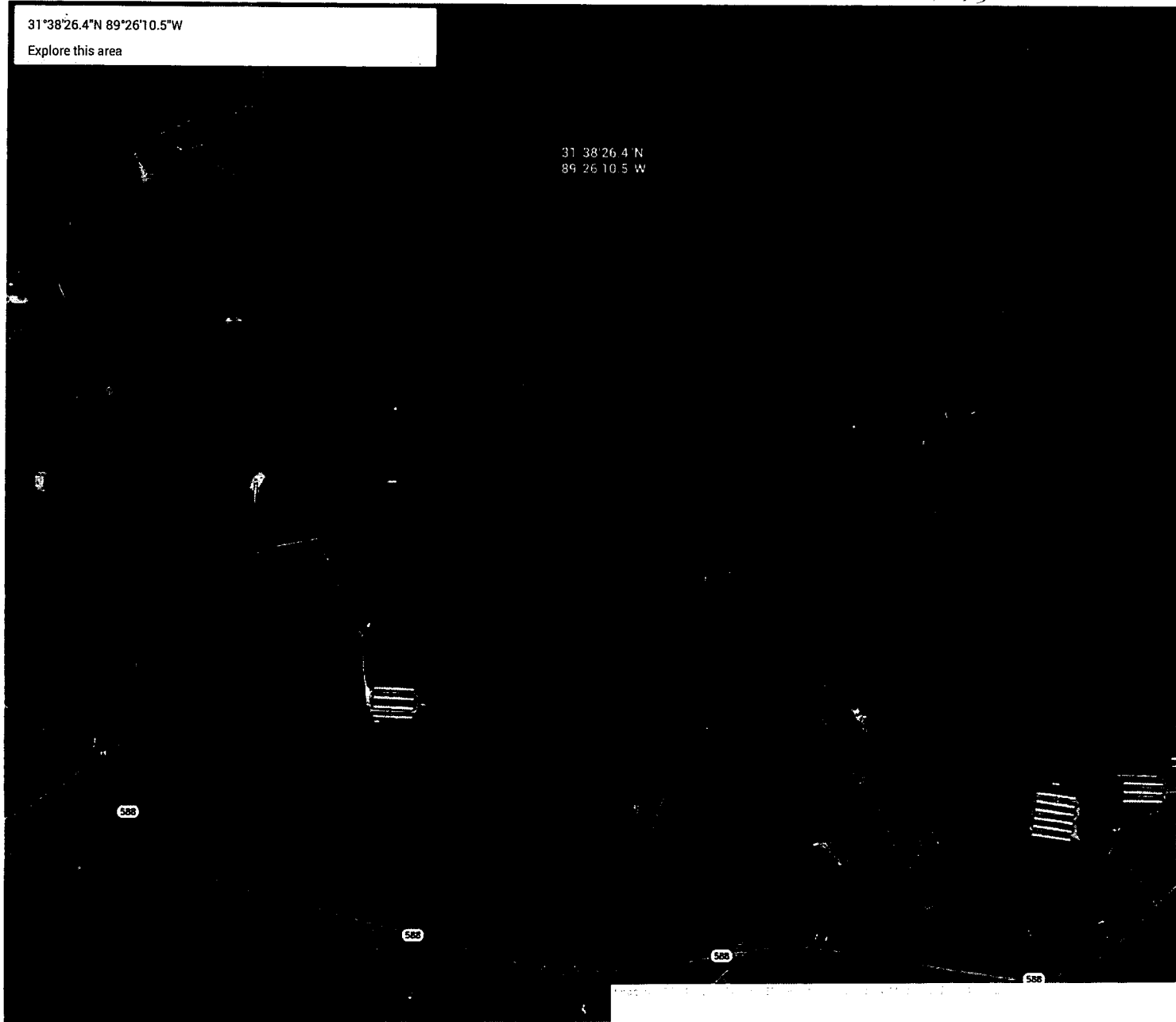
John W Thompson 0-679 6-3-14 John W Thompson  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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31°38'26.4"N 89°26'10.5"W

Explore this area

31 38 26.4 N  
89 26 10.5 W



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