

# STATE WELL REPORT

## Part I

### 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 #: 5174  
 Aquifer: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

County: Bolivar  
 Permit #: GW-49148  
 Driller: Clarence McMurry  
 Date drilling completed: 6-9-16

*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)	Well or Borehole Location
Owner Name: <u>Cypress Planting Co</u>	Latitude: <u>33° 33' 17.75"</u> Longitude: <u>90° 52' 1.36"</u>
Mailing Address: <u>102 Peninsula Dr</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <u>Y</u> , Survey-grade GPS _____
<u>Heland</u> MS <u>38765</u>	<u>NE 1/4 NE 1/4, Sec 25 T 20N R 07W</u>
City State Zip Code	<u>6.20</u> Miles <u>SW</u> of <u>Shaw</u>
Telephone No. <u>(662) 379-1645</u>	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 6-9-16 Date drilling completed: 6-9-16 Hole depth: 125' Hole diameter: 26"

Location of the source of any surface water used for drilling: hauled from nearby stream

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 (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: 34 feet (above or below) land surface Date measured: 6-10-16  
 (circle one)

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

Well depth: 125' Well grouted to a depth of: 10 feet Type of grout (circle one): Heat Cement Bentonite Mix

Casing length: 75 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 50 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 75 feet to 125 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: N/A feet

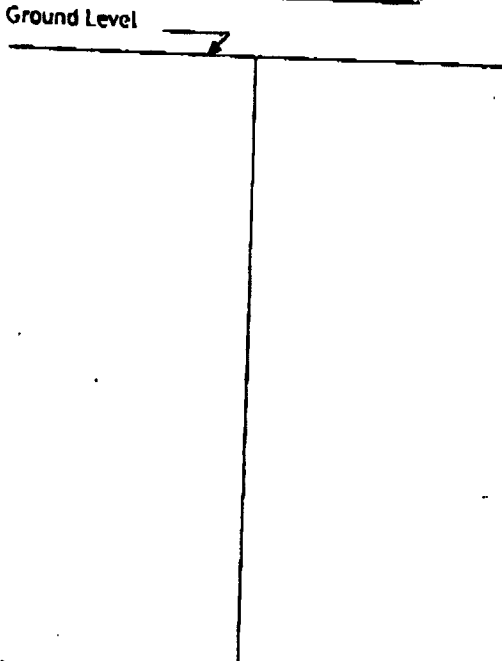
*If telescoped or more than one screen, describe on next page*

County: Bolivar  
 Permit #: OLW-49148

For Office Use Only:  
 Well #: 5174

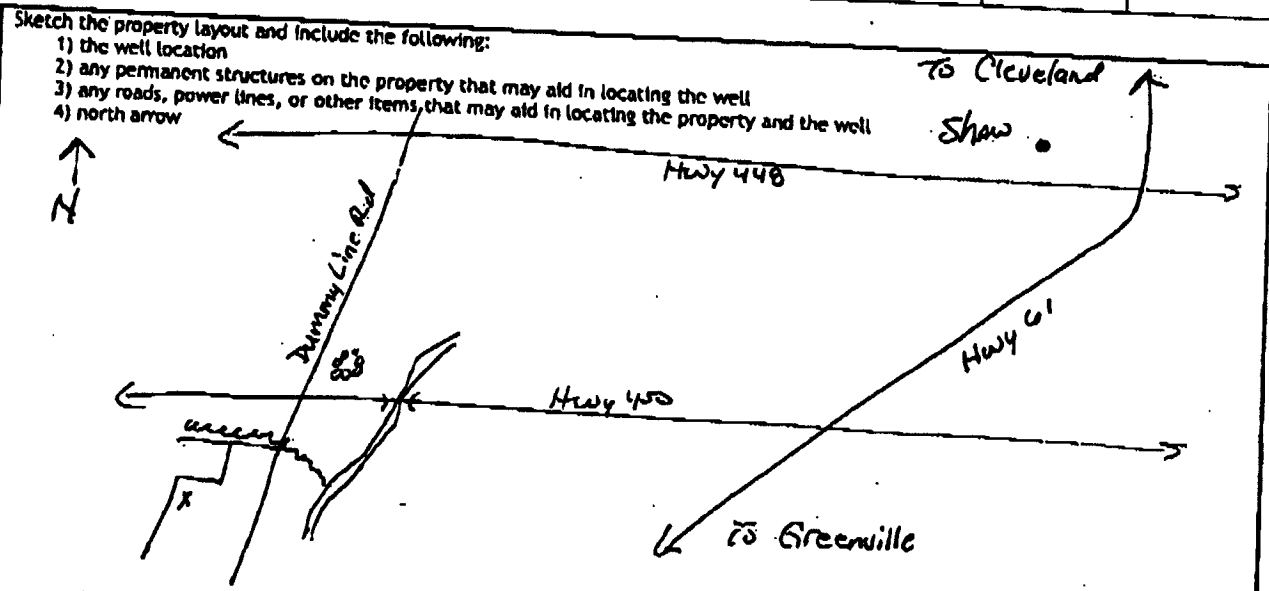
*The sketch below only required for water wells  
 If well telescopes, show depths on sketch.*

*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)
Fine Sand & Clay	Ground level	25
Medium Sand	25	55
Fine Sand	55	56
Fine Sand & Gravel	56	65
Coarse Sand & Medium Sand	65	85
Coarse & Medium Sand	85	95
Coarse & Medium Sand	95	115
Coarse Sand & Gravel	115	125

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

Landowner Name: Cypress Planting Co

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.

Print Name of Responsible Licensee and License No. Clayton Miller 0-703

Date 6-11-16

Signature of Licensee Clayton Miller

# 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 #: 5174  
Aquifer: \_\_\_\_\_

County: Bolivar  
Permit #: GW-4914B  
Driller: Michael Wells  
Date completed: 6-10-16  
*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>Cypress T&amp;E Co.</u>			Latitude: <u>33°33'17.25"</u>	Longitude: <u>90°52'1.36"</u>	
Mailing Address: <u>102 Peninsula Dr.</u>			Method of Lat/Long (check one): Conventional Survey _____		
<u>Leland</u>	<u>MS</u>	<u>38765</u>	USGS quad _____	Hand-held GPS <u>8</u> , Survey-grade GPS _____	
City	State	Zip Code	<u>NE 1/4 NE 1/4, Sec 25 T 20N R 07W</u>		
Telephone No. <u>(662) 379-1645</u>			<u>6.20</u> Miles	<u>SW</u> of	<u>Shaw</u>
			(Distance)	(Direction)	(Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 6-10-16 Rated Pump Capacity: \_\_\_\_\_ 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: 60 Setting Depth: 80 feet Number of Stages: 1

**Pump Test Data for Non Flowing Well**

Date Well Tested: NOT TESTED Duration of Pump Test (minimum 4 hours): N/A hours

Static Water Level (A): 34 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface

Drawdown ((B) - (A)): N/A Feet Below Land Surface Test Pumping Rate: N/A 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: M<sup>c</sup>Crometer Meter Serial Number: 14-12358

Meter Model Number/Name: M0310-750 Type of Meter: Saddle mount propellor

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

Installation Date: 6-10-16 Meter Installed by: Mid-South Water, LLC

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.

Clayton Miller 0-703 6-11-16 Clayton Miller  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer