

County: Yanola  
 Permit #: GW-50824  
 Driller: Chris Shackley  
 Date drilling completed: 8-1-19

**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)961-5555  
 (601)961-5228 (fax)

**For Office Use Only:**  
 Well #: E 71  
 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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Hedridge and Thomas LLC</u>	Latitude: <u>34.429083</u> Longitude: <u>-90.04275</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
<u>105 Public Square</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS <input checked="" type="checkbox"/>
<u>Batesville, MS 38606</u>	<u>NE 1/4 SE 1/4 sec 31 T 7S R 9W</u>
City State Zip Code	<u>2</u> Miles <u>East</u> of <u>State MS</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 5-1-19 Date drilling completed: 8-1-19 Hole depth: 110 Hole diameter: 24"

Location of the source of any surface water used for drilling: Rural water hydrant 1 mile North

Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

Logs run (check all applicable):  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 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: 20 feet  above or  below land surface Date measured: 8-7-19  
 (check one)

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

Well depth: 110 Well grouted to a depth of: 10 feet Type of grout (check one):  Neat Cement  Bentonite  Mix

Casing length: 40 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 70 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: 0.22 inches Setting depth: From 70 feet to 110 feet

Type of completion (check 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*

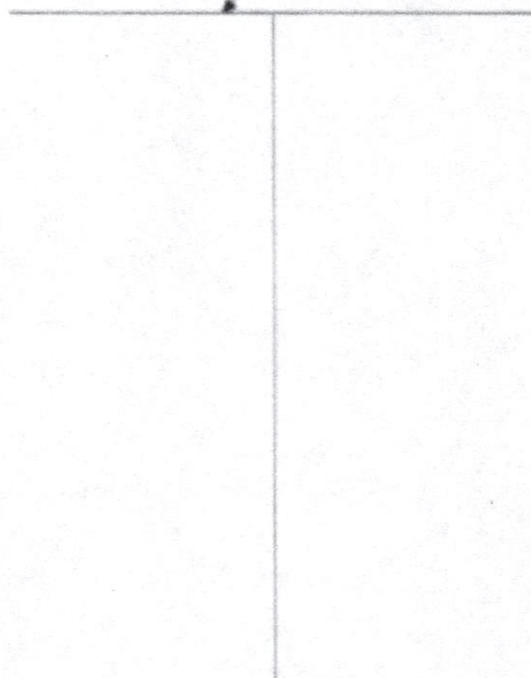
County: Kenosha  
 Permit #: GW-50824

**For Office Use Only:**  
 Well #: \_\_\_\_\_

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level 

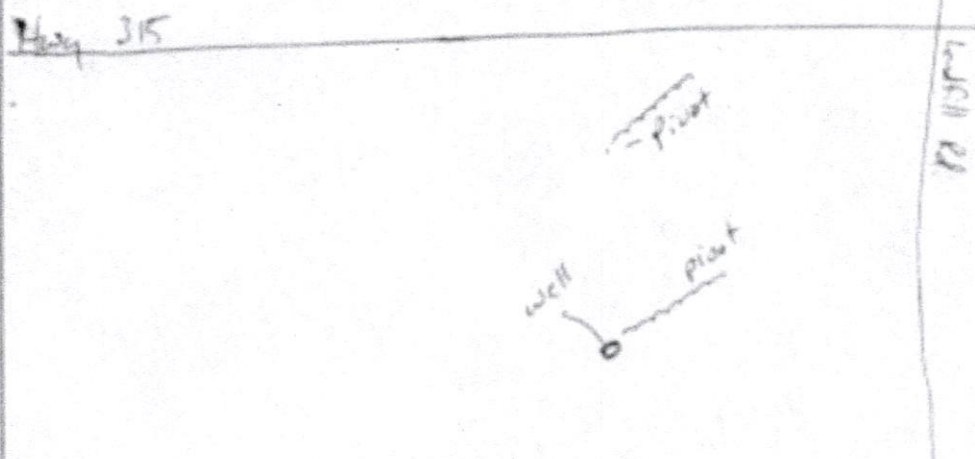


If more than one screen, show location of each on sketch

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground level	To (depth)
clay		32
fine sand	33	44
coarse sand / gravel	45	110

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: Aldridge and Thomas LLC

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.

Chris Shackley 2561      12-12-19      Chris Shackley  
 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 #: E 71  
Aquifer: \_\_\_\_\_

County: Wade  
Permit #: GW-50824  
Driller: Chris Shackley  
Date completed: 8-7-17  
*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>Thomas and Aldridge LLC</u>	Latitude: <u>34.429083</u> Longitude: <u>-90.184275</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
<u>105 Public Square</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS <input checked="" type="checkbox"/>
<u>Batesville, MS 38606</u>	<u>NE 1/4 SE 1/4, Sec 31 T 7S R 9W</u>
City _____ State _____ Zip Code _____	<u>2</u> Miles <u>E</u> of <u>Sledge, MS</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

**Pump Type (check one)**

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

Date Pump Installed: 8-7-17 Rated Pump Capacity: 1200 Gallons Per Minute

Is This Pump (check one):  New  Repaired  Replacement

**Power Type (check one)**

Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 3

**Pump Test Data for Non Flowing Well**

Date Well Tested: \_\_\_\_\_ Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): \_\_\_\_\_ Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface

Drawdown ((B) - (A)): \_\_\_\_\_ Feet Below Land Surface Test Pumping Rate: \_\_\_\_\_ Gallons Per Minute

Method of measurement (check 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 (check 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.

Chris Shackley 2561 12-12-19 [Signature]

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



Department of Environmental Quality  
Office of Land and Water Resources

## CERTIFICATE OF PERMIT COVERAGE

*Under Mississippi's GROUNDWATER WITHDRAWAL GENERAL PERMIT  
TO WITHDRAW groundwater from the Mississippi River Valley Alluvial Aquifer  
FOR the beneficial use of Irrigation, Aquaculture, or Enhancement of Wildlife Habitat*

General Permit: MRVA-002  
Certificate Number: MS-GW-50824  
Total Permitted Acreage: 113

Landowner Name: ALDRIDGE AND THOMAS LLC  
Landowner Address: 105 PUBLIC SQUARE  
BATESVILLE, MS 38606

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER  
Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: NE 1/4 of the SE 1/4 Section: 31 Township: 07S Range: 09W

County: PANOLA Quadrangle: CRENSHAW SOUTH

Permitted Acreage: Irrigation: 113 Fish Culture: 0 Wildlife Management: 0

Maximum Volume: See Special Terms And Conditions (attachment 1)

Applicant Name: ALDRIDGE AND THOMAS LLC  
Applicant Address: 105 PUBLIC SQUARE  
BATESVILLE, MS 38606

Date Original Permit Issued: 06/12/2019

Date Coverage Expires: 05/20/2024

Date Coverage Modified:

Date Coverage Granted:

### SPECIAL TERMS AND CONDITIONS 1:

See Attachment 1 which is hereby declared part of this permit.

### SPECIAL TERMS AND CONDITIONS 2:

Replacement for GW-11787