

STATE WELL REPORT

144

County: TALLAHATCHIE
 Permit #: GW-51148
 Driller: CHAD MATTOX
 Date drilling completed: 8/23/20

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 #: L 126
 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>RALPH CHAPMAN</u>	Latitude: <u>33 56 53N</u> Longitude: <u>-90 07 27W</u> 33.948087 -90.124477
Mailing Address: <u>338 WESTOVER DRIVE</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/> _____
<u>CLARKSDALE</u> MS <u>38614</u>	USGS quad <input type="radio"/> _____, Hand-held GPS <input type="radio"/> _____, Survey-grade GPS <input type="radio"/> _____
City State Zip Code	<u>NW</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$, Sec <u>18</u> T <u>24N</u> R <u>02E</u>
Telephone No. (____) _____	_____ Miles _____ of _____ <small>(Distance) (Direction) (Nearest Town)</small>

Well / Borehole Data

Date drilling started: 8/23/20 Date drilling completed: 8/23/20 Hole depth: 120 Hole diameter: 16

Location of the source of any surface water used for drilling: _____

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

Logs run (check 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) WILDLIFE MANAGEMENT

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): WILDLIFE MANAGEMENT

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

Static Water Level: 14 feet above / below land surface Date measured: _____
(select one)

Method of measurement (select one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 120 Well grouted to a depth of: 10 feet Type of grout (select one): Neat Cement Bentonite Mix

Casing length: 65 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 55 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 65 feet to 120 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

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County: TALLAHATCHIE
 Permit #: GW-51148

For Office Use Only:
 Well #: _____

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

Ground Level	
20	CASING
40	CASING
60	CASING
65	CASING
85	SCREEN
105	SCREEN
115	SCREEN
120	SCREEN

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)	
	Ground level	10
10' FINE SAND, 14' COARSE	10	20
COARSE	20	30
MEDIUM SAND	30	40
MEDIUM SAND AND PEA GRAVEL	40	50
MEDIUM SAND AND PEA GRAVEL	50	60
MEDIUM SAND AND PEA GRAVEL	60	70
MEDIUM SAND AND PEA GRAVEL	70	80
MEDIUM SAND AND PEA GRAVEL	80	90
MEDIUM SAND AND PEA GRAVEL	90	100
105' MEDIUM & PEA & GRAVEL	100	110
ROCK	110	120

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: _____

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.

CHAD MATTOX UNR 8243 9/23/20 Chad Mattox
 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)

County: <u>TALLAHATCHIE</u>
Permit #: <u>GW-51148</u>
Driller: <u>CHAD MATTOX</u>
Date completed: <u>8/23/20</u>
<i>Copy information from block on Part 1</i>

For Office Use Only:
Well #: <u>L 126</u>
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>RALPH CHAPMAN</u>	Latitude: <u>33 56 53N</u> Longitude: <u>-90 07 27W</u>
Mailing Address: <u>338 WESTOVER DRIVE</u>	Method of Lat/Long (select one): <u>33.948087</u> <u>-90.124477</u> <input type="radio"/> Conventional Survey <input type="radio"/>
<u>CLARKSDALE</u> MS <u>38614</u>	USGS quad <input type="radio"/> NW <input type="radio"/> SE <input checked="" type="radio"/> Hand-held GPS <input checked="" type="radio"/> Survey-grade GPS <input type="radio"/>
City State Zip Code	<u>NW</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$, Sec <u>18</u> T <u>24N</u> R <u>02E</u>
Telephone No. (____) _____	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Pump Type (select one)	
<input checked="" type="radio"/> Submersible <input type="radio"/> Turbine <input type="radio"/> Air Lift <input type="radio"/> Centrifugal <input type="radio"/> Flowing Well <input type="radio"/> Jet <input type="radio"/> Piston <input type="radio"/> Rotary <input type="radio"/> Other (describe): _____	
Date Pump Installed: <u>8/23/20</u>	Rated Pump Capacity: <u>1200</u> Gallons Per Minute
Is This Pump (select one): <input checked="" type="radio"/> New <input type="radio"/> Repaired <input type="radio"/> Replacement	

Power Type (select one)	
<input checked="" type="radio"/> Electric <input type="radio"/> Diesel <input type="radio"/> Gasoline <input type="radio"/> Natural Gas <input type="radio"/> Tractor PTO <input type="radio"/> Windmill <input type="radio"/> Other (describe): _____	
Horse Power Rating of Motor: <u>60</u>	Setting Depth: <u>65</u> feet Number of Stages: <u>1</u>

Pump Test Data for Non Flowing Well	
Date Well Tested: _____	Duration of Pump Test (minimum 4 hours): _____ hours
Static Water Level (A): <u>14</u> 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 (select one): <input checked="" type="radio"/> Steel tape <input type="radio"/> Electric tape <input type="radio"/> Air line <input type="radio"/> 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): <input type="radio"/> New <input type="radio"/> Repaired <input type="radio"/> Replacement	
<i>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>	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.	
David P. Holt	<u>9/23/20</u>
Print Name of Pump Installer and License No. (if applicable) <u>0-752P</u>	Signature of Pump Installer

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9/21/2020

420 Rain St, Clarksdale, MS to 1920-2480 Byars Rd, Charleston, MS 38921 - Google Maps

Google Maps 420 Rain St, Clarksdale, MS to 1920-2480 Byars Rd, Charleston, MS 38921

Drive 37.1 miles, 45 min



Imagery ©2020 Google, Imagery ©2020 Landsat / Copernicus, Maxar Technologies, State of Arkansas, USDA Farm Service Agency, Map data ©2020 2000 '11

via US 49 S and Hwy 30E 45 min
 Fastest route, the usual traffic 37.1 miles

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STATE OF MISSISSIPPI
Department of Environmental Quality
Office of Land and Water Resources
P.O.Box 2309
Jackson, Mississippi 39225

PERMIT
TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq. (1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred, or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow or lake level elevation (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-51148 **Total Permitted Acreage:** 67
Landowner Name: CHAPMAN, RALPH
Landowner Address: 338 WESTOVER DRIVE
CLARKSDALE, MS 38614
Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER
Beneficial Use(s): WILDLIFE MANAGEMENT
Diversion/Withdrawal Location: NW 1/4 of the SE 1/4 **Section:** 18 **Township:** 24N **Range:** 02E
County: TALLAHATCHIE **Quad:** PAYNES
Permitted Acreage: **Irrigation:** 0 **Fish Culture:** 0 **Wildlife Management:** 67
Maximum Volume: See Special Terms And Conditions (attachment I)
Applicant Name: CHAPMAN, RALPH
Applicant Address: 338 WESTOVER DRIVE
CLARKSDALE, MS 38614

Date Permit Issued: 08/17/2020
Date Permit Expires: 08/17/2025
Date Permit Modified:
Date Permit Reissued:

This permit shall be deemed null and void if construction has not begun within one (1) year of the permit issue date.

SPECIAL TERMS AND CONDITIONS 1:

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

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K. Williams