

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
(601)961-5210
(601)961-5228 (fax)

165

County: Quitman
Permit #: Ms-GW-50683
Driller: Joel Jumper
Date drilling completed: 5-16-19

For Office Use Only:
Aquifer:
Well #: C 106
L. S. Elevation:
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.

Information on Well Owner (Landowner if borehole is not for a water well)
Owner Name: William Cole
Mailing Address: 5165 Macedonia Rd
Batesville Ms 38606
Telephone No. ()
Well or Borehole Location
Latitude: 34° 24' 26" Longitude: 90° 12' 59"
Method of Lat/Long (circle one): Conventional Survey, Hand-held GPS
USGS quad: SE NE 1/4 NE 1/4 Sec 11 Twn 08S Rng 10W
Distance: 2 Miles Direction: South Nearest Town: Sledge

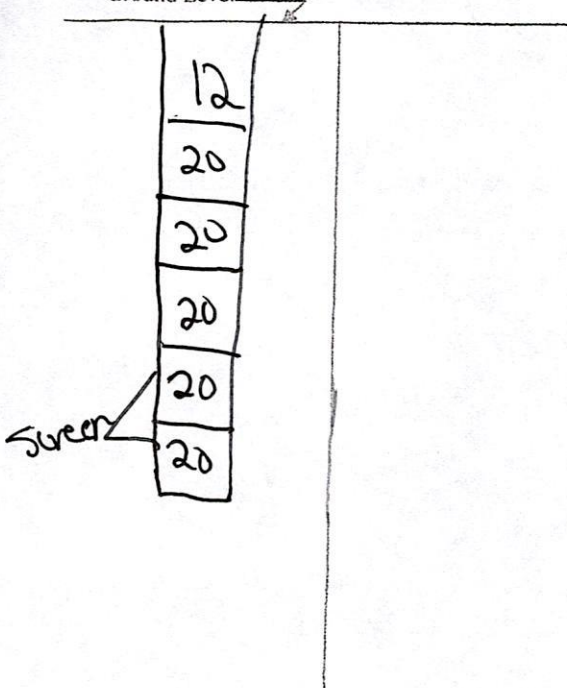
Well / Borehole Data
Date drilling started: 5-16-19 Date drilling completed: 5-16-19 Hole depth: 112 Hole diameter: 28in
Location of the source of any surface water used for drilling: Nearest Well
Method of dosing and volume of Chlorine used in drilling and development:
Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other:
Name of organization running log(s):
Purpose of borehole (check one): Water Well [checked] 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 one): Home Industrial Public Supply Irrigation [checked] Fish Culture Other:
If a flowing well, method of flow regulation: Valve Other (describe)
Static Water Level: 17 feet above or below (circle one) land surface Date measured: 5-20-19
Method of Measurement (circle one) steel tape electric tape air line other:
Well depth: 112 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 72 feet Casing diameter: 16 inches Type of casing: pvc
Screen length: 40 feet Screen diameter: 16 inches Type of screen: pvc
Screen slot size: 0.50 inches Setting depth: From 0 feet to 70 feet
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped 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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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level



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)
Top Soil	Ground Level	20
Fine sand	20	40
Sand	40	60
gravel + sand	60	80
gravel + sand	80	100
gravel	100	112

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) a north arrow.

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Landowner Name: William Cole

Form: OI.WR-SWR-1A (04/08)

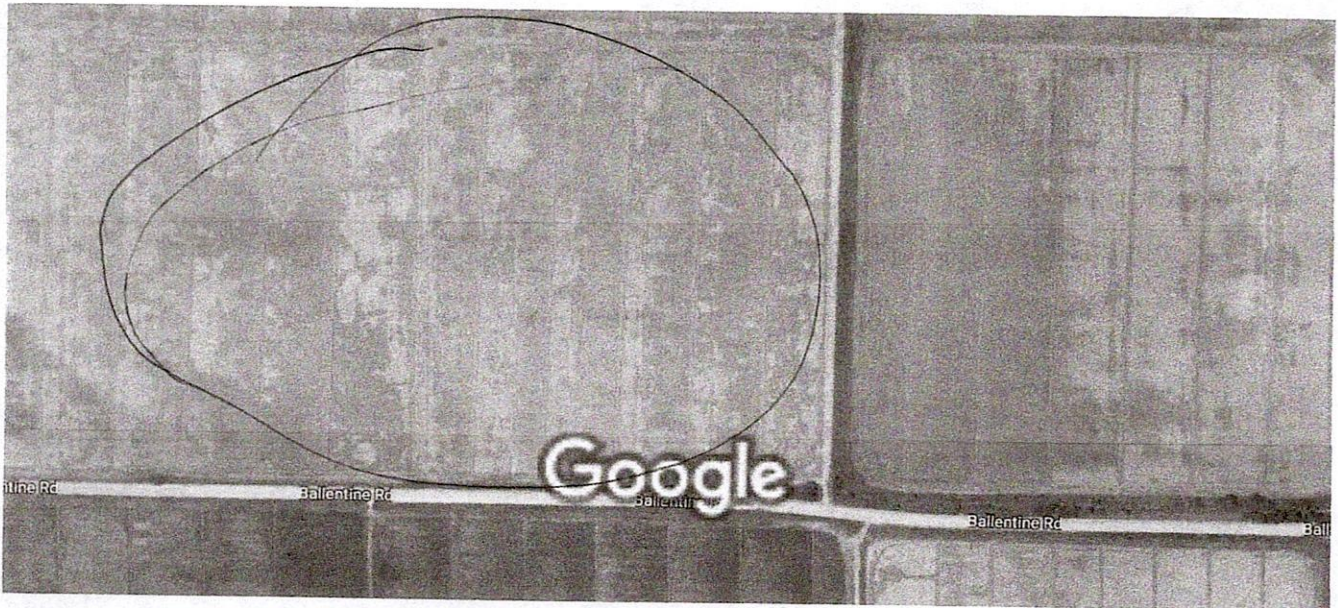
I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Joel Jumper 5317 5-16-19
Print Name of Responsible Licensee and License No. Date

[Signature]
Signature of Licensee

Google Maps

34°23'53.0"N 90°
13'07.0"W



Imagery ©2018 DigitalGlobe, State of Arkansas, 200 ft
 USDA Farm Service Agency, Map data ©2018
 Google

Quitman County

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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
 (601)961-5210
 (601)961-5228 (fax)

County: Quitman
 Permit #: Ms-GW-50683
 Driller: Joel Jumper
 Date completed: 5-17-19
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: C 106
 Elevation: _____

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>William Cole</u>	Latitude: <u>34-24-26</u> Longitude: <u>90-12-59</u>
Mailing Address: <u>5105 Macedonia Road</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> ^{23 53} <input checked="" type="checkbox"/> ^{13 07}
<u>Batesville Ms 38606</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NE 1/4 NE 1/4 Sec 11 T 08S R 10W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>2</u> Miles <u>South of</u> <u>Sledge</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<input checked="" type="radio"/> Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input checked="" type="radio"/> Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>600</u>
Date Pump Installed: <u>5-17-19</u>	Setting Depth: <u>0 to 70</u> feet
Rated Pump Capacity: <u>2,200</u> Gallons Per Minute	Number of Stages: <u>2</u>

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Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-17-19</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> Steel Tape
Static Water Level (A): <u>17</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>30</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>30</u> Feet Below Land Surface	Well yielded <u>2,200</u> GPM with a drawdown of
Test Pumping Rate: <u>2,200</u> Gallons Per Minute	<u>30</u> feet after <u>8</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>8</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Joel Jumper 5317 Joel Jumper
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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-50683 **Total Permitted Acreage:** 100

Landowner Name: COLE, WILLIAM
Landowner Address: 5165 MACEDONIA ROAD
BATESVILLE, MS 38606

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: NE 1/4 of the NE 1/4 **Section:** 11 **Township:** 08S **Range:** 10W

County: QUITMAN **Quad:** CRENSHAW SOUTH

Permitted Acreage: **Irrigation:** 100 **Fish Culture:** 0 **Wildlife Management:** 0

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

Applicant Name: COLE, WILLIAM
Applicant Address: 5165 MACEDONIA ROAD
BATESVILLE, MS 38606

Date Permit Issued: 04/02/2019

Date Permit Expires: 04/02/2024

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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Gary C. Rikard, Executive Director
Mississippi Department of Environmental Quality