

# STATE WELL REPORT

County: Jasper  
 Permit #: \_\_\_\_\_  
 Driller: A. D. Drilling Service  
 Date drilling completed: 8-3-18

**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 #: K 79  
 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>Sam Sims</u>	Latitude: <u>32° 00' 41" N</u> Longitude: <u>89° 09' 38" W</u>
Mailing Address: <u>2944 CR #16</u>	Method of Lat/Long (check one): Conventional Survey _____
Loc: <u>MS 39338</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City: _____ State: _____ Zip Code: _____	<u>NE 1/4 SW 1/4, Sec 15 T 2N R 11E</u>
Telephone No. <u>(601) 764-7771</u>	<u>1.7</u> Miles <u>NE</u> of <u>Ray Springs</u> (Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 7-26-18 Date drilling completed: 8-3-18 Hole depth: 443' Hole diameter: 6 3/4"

Location of the source of any surface water used for drilling: Tallahala Water Assn.

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): Chicken houses

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

Static Water Level: 71 feet (above or  below land surface) Date measured: 8-3-18  
(circle one)

Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): Sonic

Well depth: 442 Well grouted to a depth of: 50 feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 9 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 15 feet Screen diameter: 4 inches Type of screen: Wrapped PVC

Screen slot size: .005 inches Setting depth: From 427 feet to 442 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: Jasper  
 Permit #: \_\_\_\_\_

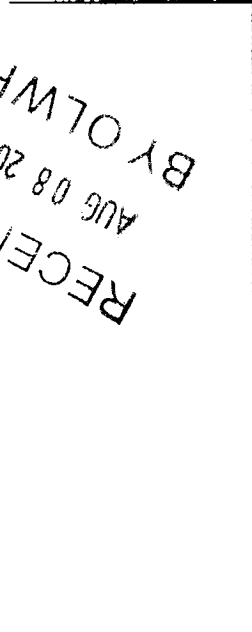
**For Office Use Only:**  
 Well #: 1571

*The sketch below only required for water wells*

*If well telescopes, show depths on sketch.*

Ground Level →

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

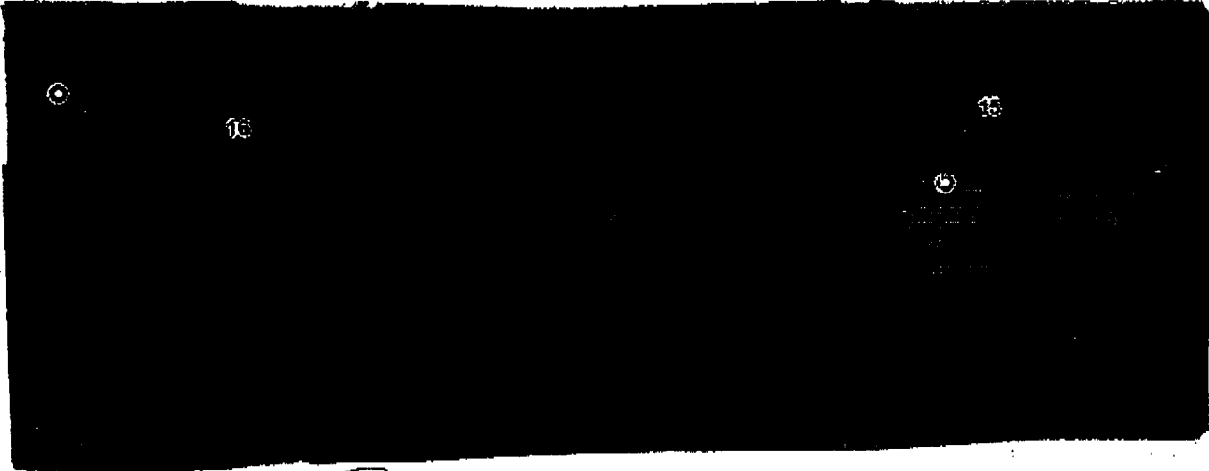
Description of Formations Encountered	From (depth)	To (depth)
tan clay	Ground level	16
dark brown clay	16	18
gray green clay	29	290
gray green clay w/ sand streaks	290	319
Sand line w/ brown clay	319	358
brown clay	358	379
sand	379	401
Sand w/ clay streaks	401	428
Sand	428	441
clay	441	443

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

N



Landowner Name: Sam Sims

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.

Mike Baughman 587  
 Print Name of Responsible Licensee and License No.

8-7-18  
 Date

[Signature]  
 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: Jasper  
 Permit #: \_\_\_\_\_  
 Driller: AI Drilling Serv. Inc.  
 Date completed: 8-3-18  
*Copy information from block on Part 1*

**For Office Use Only:**

Well #: K79  
 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>Sam Sims</u>	Latitude: <u>32° 00' 41" N</u> Longitude: <u>89° 09' 38" W</u>
Mailing Address: <u>2944 CR #16</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Louis</u> <u>MS</u> <u>39338</u> City State Zip Code	<u>NE 1/4 SW 1/4, Sec 15 T 2 N R 11 E</u>
Telephone No. ( <u>601</u> ) <u>764-7771</u>	<u>± 7</u> Miles <u>NE</u> of <u>Bay Springs</u> (Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 8-6-18 Rated Pump Capacity: 95 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: 5 Setting Depth: 160 feet Number of Stages: 17

**Pump Test Data for Non Flowing Well**

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

Static Water Level (A): 171 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 (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.

Mike Baughman 587 8-8-18 Mike Baughman  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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