

1200

# STATE WELL REPORT

County: Simpson  
 Permit #: MS-GW-17443  
 Driller: John W Thompson  
 Date drilling completed: 11-13-19

**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 #: Q80  
 Aquifer: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

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**01-16-2020**  
**BY OLWR**

*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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Okotoma Water Association</u>	Latitude: <u>N31°52' 7.2"</u> Longitude: <u>W89°40' 6.8"</u>
Mailing Address: <u>CR 57</u> <u>Mize, MS 39116</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4, Sec <u>1</u> T <u>10N</u> R <u>17W</u>
Telephone No. (____) _____	<u>4</u> Miles <u>E</u> of <u>Magee</u> (Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 6-14-19 Date drilling completed: 11-13-19 Hole depth: 634 Hole diameter: 17 3/4

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

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): Teaco

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: 236 feet  above or  below land surface Date measured: \_\_\_\_\_  
(check one)

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

Well depth: 625 Well grouted to a depth of: 565 feet Type of grout (check one)  Neat Cement  Bentonite  Mix

Casing length: 565 feet Casing diameter: 12 3/4 inches Type of casing: Steel

Screen length: 54 feet Screen diameter: 8 inches Type of screen: 6x8 munipac

Screen slot size: .020 inches Setting depth: From 571 feet to 625 feet

Type of completion (check all applicable)  gravel packed  Underreamed  Open hole  Natural Development

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

Top of lap pipe or reduction in casing: 508 feet

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

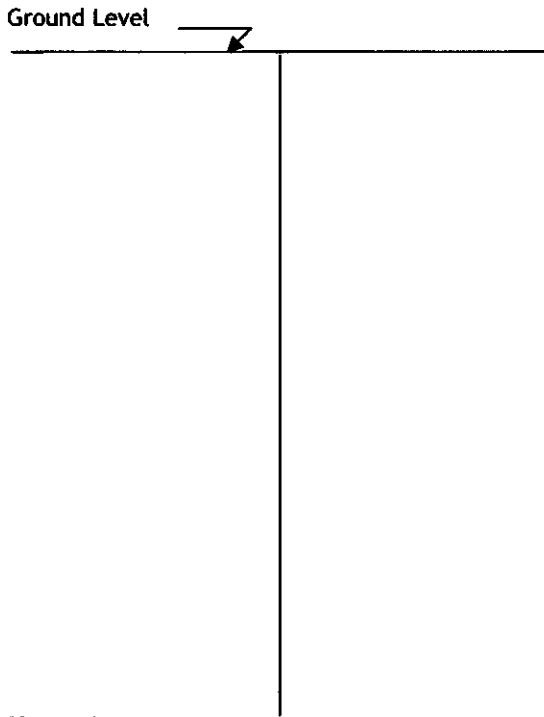


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The sketch below only required for water wells

If well telescopes, show depths on sketch.



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)
red sand + gravel	Ground level	70
sandy clay	70	100
sand	100	152
clay	152	200
sandy clay	200	280
clay	280	350
fine sand	350	360
clay	360	480
sand	480	500
sand + clay	500	580
good sand	580	620
clay	620	634

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: Okatana Water Association

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. John W Thompson 0679 Date 12-23-19 Signature of Licensee John W Thompson

# 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 #: Q80  
 Aquifer: \_\_\_\_\_

County: Simpson  
 Permit #: MS-GW-17443  
 Driller: John W Thompson  
 Date completed: \_\_\_\_\_  
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>Oktoma Water Association</u>	Latitude: <u>N31°52' 7.2"</u> Longitude: <u>89° 40' 6.8"</u>
Mailing Address: <u>CR 57</u> <u>Mize MS 39116</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4, Sec <u>1</u> T <u>10N</u> R <u>17W</u>
Telephone No. (____) _____	<u>4</u> Miles <u>E</u> of <u>Magee</u> (Distance) (Direction) (Nearest Town)

**Pump Type (check one)**

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

Date Pump Installed: 3-10-20 Rated Pump Capacity: 500 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: 7.5 Setting Depth: 320 feet Number of Stages: 8

**Pump Test Data for Non Flowing Well**

Date Well Tested: 8-21-19 Duration of Pump Test (minimum 4 hours): 24 hours

Static Water Level (A): 236 Feet Below Land Surface Pumping Water Level (B): 274 Feet Below Land Surface

Drawdown [(B) - (A)]: 38 Feet Below Land Surface Test Pumping Rate: 500 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.*

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**04-09-2020**

**BY OLWR**

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

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



DWA

17 3/4" hole to 566

Cement - Cement - Cement

SWL 236'

16-3D sand

8" SS lpf / 571' - 507.82

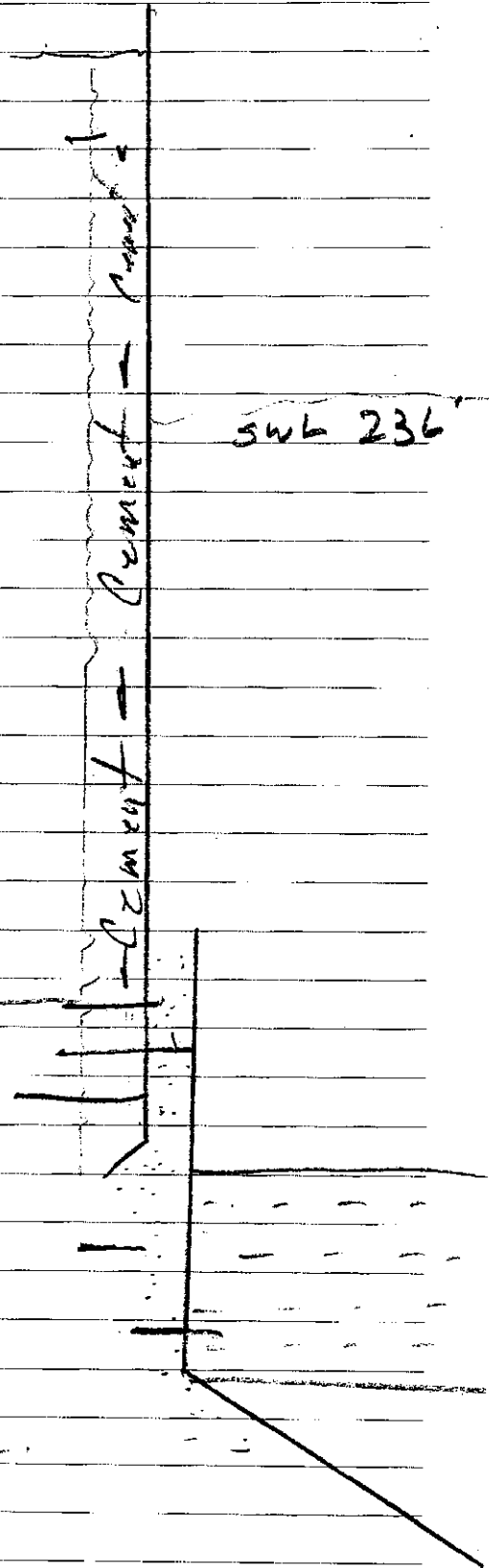
12 3/4" Internally coated .375 mesh @ 565'

Set and cemented 7-24-19

11 3/4" hole f / 565' - 634

6-8 mesh .020 screen f / 625' - 571

4" stinger w/ 2-4" BWV's and 1-4x2 wash plug f / 625' - 634'



Google Maps 31°52'07.0"N 89°40'07.0"W

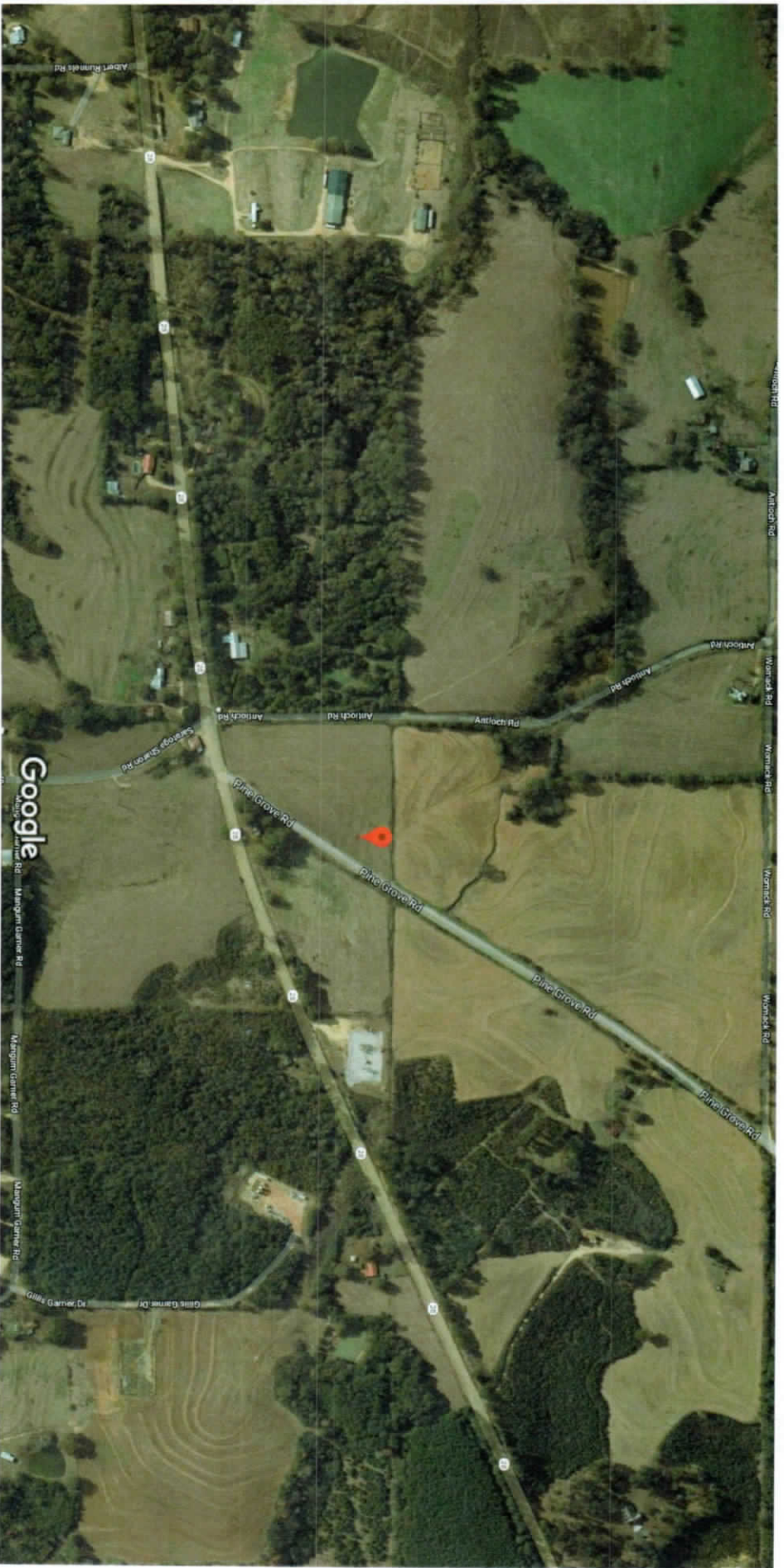
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Q80 Simpson Co.

Google Maps 31°52'07.0"N 89°40'07.0"W



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