County: Washington
Permit #: GW-49432
Driller: Irrigation Equipment, Inc.
Date drilling completed: 4-26-16

# STATE WELL REPORT
## 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 #: M 242
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)*

Owner Name: Simmons Land Company
Mailing Address: 640 Leo Williams Road
Hollandale MS 38748
City State Zip code
Telephone No. ( ) -

**Well or Borehole Location**

Latitude: 33 15' 45" Longitude: 90 48' 12.2"
Method of Lat/Long (check one): ☐ Conventional Survey,
☐ USGS quad, ☒ Hand-held GPS, ☐ Survey-grade GPS
NW ¼ SE ¼, Sec 3 T 16N R 6W
Miles East of Arcola
(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 4-26-16 Date drilling completed: 4-26-16 Hole depth: 126' Hole diameter: 24"
Location of the source of any surface water used for drilling: Surface Water
Method of dosing and volume of Chlorine used in drilling and development: 50 PPM
Logs run (check 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 ☐ 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: 18 feet [☐ above or ☒ below] land surface *(check one)* Date measured: 5-5-16
Method of Measurement (check one) ☒ Steel tape ☐ Electric tape ☐ Air line ☐ Other: *(describe)*
Well depth: 126' Well grouted to a depth of: 10 feet Type of grout *(check one)*: ☐ Neat Cement ☒ Bentonite ☐ Mix
Casing length: 86 feet Casing diameter: 16 inches Type of casing: PVC
Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC
Screen slot size: .032 inches Setting depth: From 87 feet to 126 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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Form: OLWR-SWR-1A (4/13)

County: **Washington**

Permit #: **Gw-49432**

**For Office Use Only:**

Well #: MW42

***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) | To (depth) |
|---|---|---|
| **Clay** | Ground level | **16** |
| **Fine Sand** | **17** | **33** |
| **Fine Sand & Gravel** | **34** | **61** |
| **Med. Sand & Gravel** | **62** | **71** |
| **Med. Sand** | **72** | **126** |
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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: _____

Form: OLWR-SWR-1A (04/08)

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.

**0695** | 5/10/16 | _____

Print Name of Responsible Licensee and License No. | Date | Signature of Licensee

Form: OLWR-SWR-1A (4/13)

County: Washington
Permit #: GW-49432
Driller: Irrigation Equipment, Inc.
Date drilling completed: 4-26-16
*Copy information from block on Part 1*

# 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 #: 11242
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**

Owner Name: Simmons Land Company
Mailing Address: 640 Leo Williams Road
Hollandale (City) MS (State) 38748 (Zip code)
Telephone No. ( ) -

**Well Location**

Latitude: 33 15' 45" Longitude: 90 48' 12.2"
Method of Lat/Long (check one): ☐ Conventional Survey, ☐ USGS quad, ☒ Hand-held GPS, ☐ Survey-grade GPS
NW ¼ SE ¼, Sec 3 T 16N R 6W
Miles (Distance) East (Direction) of Arcola (Nearest Town)

**Pump Type** *(check one)*

☐ Submersible ☒ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other *(describe)*:
Date Pump Installed 5-5-16 Rated Pump Capacity: 1500+/- 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: 40 Setting Depth: 60 feet Number of Stages: 2

**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.

0695 (Print Name of Pump Installer and License No. *(if applicable)*) 5-10-16 (Date) (Signature of Pump Installer)

Form: OLWR-SWR-1B (4/13)

Received
MAY 19 2016
By OLWR