County: Sunflower
Permit #: GW-470191
Driller: Charles M Nichols
Date drilling completed: 4-17-13

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 #: E155
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: Boyd Atkinson
Mailing Address: 202 N. Pearman Ave
Cleveland MS. 38732
City State Zip code
Telephone No. ( ) -

Well or Borehole Location

Latitude: 33°45'54.51"N Longitude: 90°37'04.62"W
Method of Lat/Long (check one): ☐ Conventional Survey, Google earth
☐ USGS quad, ☐ Hand-held GPS, ☐ Survey-grade GPS
SE ¼ NW ¼, Sec 21 T 22N R 4W
5 (Distance) Miles SE (Direction) of Ruleville (Nearest Town)

Well / Borehole Data

Date drilling started: 4-17-13 Date drilling completed: 4-17-13 Hole depth: 120 Hole diameter: 26
Location of the source of any surface water used for drilling: Ditch
Method of dosing and volume of Chlorine used in drilling and development: HTH
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: 49 feet [☐ above or ☑ below] land surface *(check one)* Date measured: 4-22-13
Method of Measurement (check one) ☐ Steel tape ☐ Electric tape ☐ Air line ☐ Other: *(describe)*
Well depth: 120 Well grouted to a depth of: 10 feet Type of grout *(check one)*: ☐ Neat Cement ☐ Bentonite ☑ Mix
Casing length: 80 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 feet to 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

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

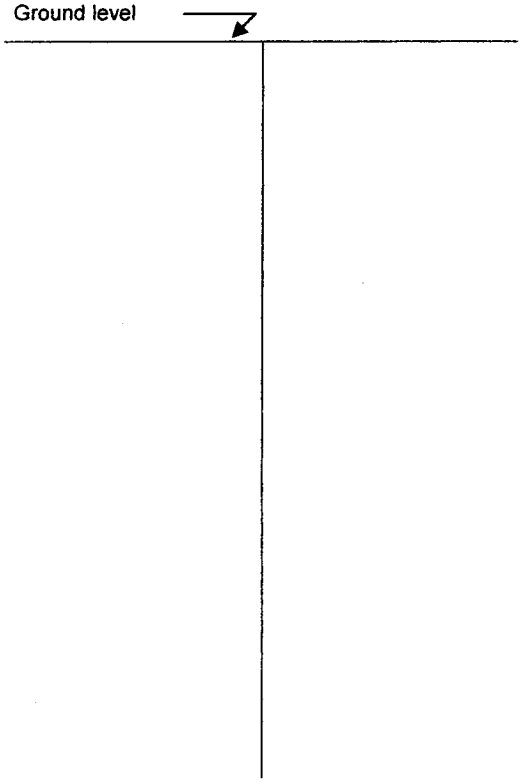
County: Sunflower
Permit #: GW-47019

For Office Use Only:
Well #: E155

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)
	Ground level	
Sandy clay	0	20
fine sand	20	30
med to course sand	30	40
fine sand	40	50
course sand	50	60
course sand & gravel	60	120

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

Landowner Name: Boyd Atkinson

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.

Charles M. Nichols 667 — Print Name of Responsible Licensee and License No.
4-4-14 — Date
Charles M. Nichols — Signature of Licensee

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

County: Sunflower
Permit #: GW 47019
Driller: Charles M. Nichols
Date drilling completed: 4-17-13
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 #: E155
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: Boyd Atkinson
Mailing Address: 202 N. Pearman Ave.
Cleveland MS. 38732
City State Zip code
Telephone No. ( ) -

Well Location

Latitude: 33°45'54.51"N Longitude: 90°37'04.62"W
Method of Lat/Long (check one): ☐ Conventional Survey, Google Earth ☐ USGS quad, ☑ Hand-held GPS, ☐ Survey-grade GPS
SE ¼ NW ¼, Sec 21 T 22 N R 4 W
5 (Distance) Miles SE (Direction) of Rulevill (Nearest Town)

Pump Type *(check one)*

☐ Submersible ☑ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other *(describe)*:
Date Pump Installed 4-22-13 Rated Pump Capacity: 2500 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: 60 Setting Depth: 80 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): 49 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.

Charles M. Nichols 667 — Print Name of Pump Installer and License No. *(if applicable)*
4-4-14 — Date
Charles M. Nichols — Signature of Pump Installer

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