County: Perry

Permit #:

Driller: David L. Cain

Date drilling completed: 5-11-2017

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

For Office Use Only:

Aquifer:

Well #: 042

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.

Well #2

Information on Well Owner
(Landowner if borehole is not for a water well)

Owner Name Daniel Sherman

Mailing Address: 2580 Hwy 29

Brooklyn MS 39425
City State Zip Code

Telephone No. (601) 528-3609

Well or Borehole Location

Latitude: 31 ° 03 ' 17 " Longitude: 88 ° 58 ' 45 "

Method of Lat/Long (circle one): Conventional Survey,

USGS quad, Hand-held GPS, Survey-grade GPS

NE ¼ NE ¼ Sec 10 15 Twn 1N Rng 10W

Distance 10 Miles Direction Sout of Nearest Town New Augusta Ms 39462

Well / Borehole Data

Date drilling started: 5-9 Date drilling completed: 5-11 Hole depth: 90' Hole diameter: 4"

Location of the source of any surface water used for drilling: his other water 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 ✓ 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___ Fish Culture ___ Other: Chicken Farm

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

Static Water Level: 50 feet above or (below) (circle one) land surface Date measured: 5-11-2017

Method of Measurement (circle one) steel tape electric tape air line other: String line

Well depth: 90' Well grouted to a depth of 25 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 80 feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 80 feet to 90 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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Form: OLWR-SWR-1A (04/08)

Southern Ms Water Well Drilling #0-831

Randall Cain 5/31/2017

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: Perry
Permit #:
Driller: David L. Cain
Date completed: 5-11-2017
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: 042
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

Owner Name: Daniel Sherman
Mailing Address: 2580 Hwy 29
Brooklyn Ms 39425
City State Zip Code
Telephone No. (601) 528-3609

Well Location

Latitude: 31° 03' 17" Longitude: 88° 58' 45"
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS, Survey-grade GPS___
S ¼ E ¼ Sec 10 T 1N R 10W
NE NE 15
Distance Direction Nearest Town
10 Miles South of New Augusta Ms 39462

Pump Type
Circle one

Air Lift, Jet, Submersible
Bucket, Piston, Turbine
Centrifugal, Rotary, Flowing Well
Other (specify):
Date Pump Installed: 5-11-2017
Rated Pump Capacity: 30 Gallons Per Minute

Power Type
Circle one

Diesel Engine, Gasoline Engine, Natural Gas
Electric Motor, Hand, Tractor PTO
Windmill, Other (specify):
Horse Power Rating of Motor: 3 hp
Setting Depth: 85 feet
Number of Stages: 15

Pump Test Data

Date Well Tested: 5-11-2017
Static Water Level (A): 50 Feet Below Land Surface
Pumping Water Level (B): 80 Feet Below Land Surface
Drawdown [(B) – (A)]: 30 Feet Below Land Surface
Test Pumping Rate: 60 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 4 hours

Method of Measuring Water Level
Circle one

Air Line, Electric Measuring Line, Steel Tape
Other (specify): String line
For flowing well, measured shut in head: ___ feet
Well yielded 60 GPM with a drawdown of 30 feet after 4 hours of pumping

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

Southern Ms Water Well Drilling — Print Name of Pump Installer and License No. (if applicable)
Randall Cain 5-31-2017 — Signature of Pump Installer
#0-831

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

The sketch below only required for water wells

If well telescopes, show depths on sketch.

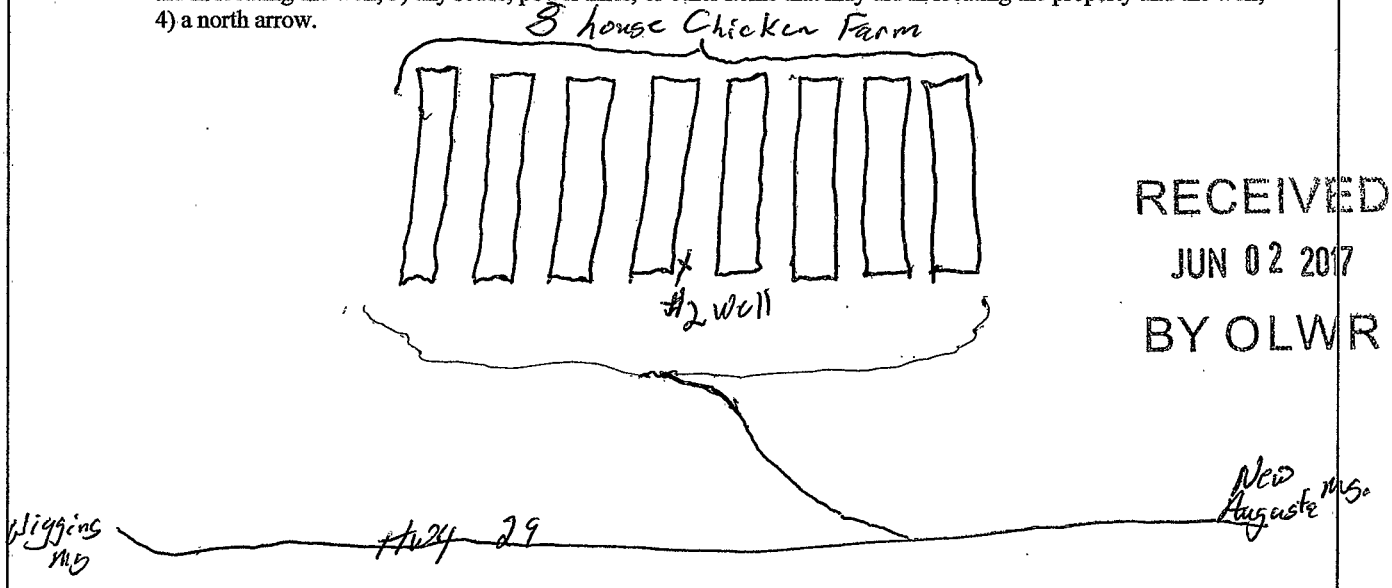
Ground Level

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)
Topsoil Clay	Ground Level	30
Sand	30	90

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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BY OLWR

Landowner Name: Daniel Sherman

Form: OLWR-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.

Southern Ms Water Well Drilling 5-31-2017 Randall Cain

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

#0-831