County: Tallahatchie
Permit #: GW-48306
Driller: Tommy Pescock
Date drilling completed: 8/5/14

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 #: S185
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: J. W. Fennell Sr.
Mailing Address: 46 Front Street
Philipp MS 38950
City State Zip Code
Telephone No. (___) ___

Well or Borehole Location

Latitude: 33° 44' 01" Longitude: 90° 11' 25"
Method of Lat/Long (check one): Conventional Survey ___, USGS quad ___, Hand-held GPS X, Survey-grade GPS ___
NE ¼ NE ¼, Sec 33 T 22N R 01E
3 Miles (Distance) South (Direction) of Philipp (Nearest Town)

Well / Borehole Data

Date drilling started: 8/5/14 Date drilling completed: 8/5/14 Hole depth: 110 Hole diameter: 26"
Location of the source of any surface water used for drilling: Ditch 1 mile South of well site
Method of dosing and volume of Chlorine used in drilling and development: Chlorinated in tanker
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*): ___
If a flowing well, method of flow regulation: Valve ___ Other (*describe*) ___
Static Water Level: ___ feet [above or below] (*circle one*) land surface Date measured: ___
Method of measurement (*circle one*): Steel tape Electric tape Air line Other (*describe*): ___
Well depth: 110 Well grouted to a depth of: 10 feet Type of grout (*circle one*): Neat Cement (Bentonite) Mix
Casing length: 70 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 70 feet to 110 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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Well #: 5188

The sketch below only required for water wells

If well tolerances, show deviation on sketch.

Ground Level

Top soil	15'
clay	10'
Clay/sand mix	10'
Fine sand	20'
[redacted] sand 5' coarse	10'
Coarse & gravel	40'
coarse sand	5'

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 Formation Encountered	From (depth) Ground level	To (depth)
Top Soil & clay		15
clay	15	25
clay/sand mix	25	35
Fine sand	35	55
5' fine sand 5' coarse	55	65
coarse & gravel	65	105
coarse sand	105	110

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:

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.

Tommy Pearcy Lic # - 3409 — Print Name of Responsible Licensee and License No.

8/11/14 — Date

Tommy Pearcy — Signature of Licensee

Form: GLWR-5188-A (4/13)