

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 #: J120
 L. S. Elevation: _____
 E-log #: _____

County: Smith Rankin
 Permit #: _____
 Driller: Will Barlow
 Date drilling completed: 1-4-14

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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Keith Coghlin</u>	Latitude: <u>32° 19' 51.8" W</u> Longitude: <u>89° 41' 58" W</u>
Mailing Address: <u>211 Old Hwy 80</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Pelahatchie MS 39145</u>	USGS quad: <u>Hand-held GPS</u> , Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>NE 1/4 SE 1/4 Sec 26 Twn 6N Rng 5E</u>
Telephone No. <u>(601) 942-4234</u>	Distance: <u>3</u> Miles Direction: <u>W</u> of Nearest Town: <u>Pelahatchie</u>

Well / Borehole Data

Date drilling started: 12-9-13 Date drilling completed: 1-4-14 Hole depth: 600 Hole diameter: _____

Location of the source of any surface water used for drilling: Public Supply

Method of dosing and volume of Chlorine used in drilling and development: NA

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): TEACO Geophysical

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: Poultry

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

Static Water Level: 192 feet above or below (circle one) land surface Date measured: 12-30-13

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

Well depth: 580 Well grouted to a depth of 50 feet Type of grout (circle one): Neat Cement _____ Bentonite _____ Mix _____

Casing length: 560 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 1008 inches Setting depth: From 560 feet to 580 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**

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

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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)

County: Rankin
 Permit #: _____
 Driller: Will Barlow
 Date completed: 1-5-14
Copy information from block on Part 1

For Office Use Only:

Well #: J120
 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	Well Location
Owner Name: <u>Kath Coghlin</u>	Latitude: <u>32 19 51.8 N</u> Longitude: <u>89 44 59.5 W</u>
Mailing Address: <u>211 old Hwy 80</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad <u>Hand-held GPS</u> Survey-grade GPS _____
<u>Pelahatchie</u> MS <u>39145</u>	<u>NE</u> ¼ <u>SE</u> ¼, Sec <u>26</u> T. <u>6N</u> R. <u>5E</u>
City State Zip Code	<u>3</u> Miles <u>W</u> of <u>Pelahatchie</u>
Telephone No. <u>(601) 942-4234</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 1-5-14 Rated Pump Capacity: 55 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 5 Setting Depth: 300 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: 1-5-14 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 192 Feet Below Land Surface Pumping Water Level (B): 218 Feet Below Land Surface

Drawdown [(B) - (A)]: 26 Feet Below Land Surface Test Pumping Rate: 160 Gallons Per Minute

Method of measurement (circle 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 (circle 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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I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Arnold Fincher Jr 0-560 1-5-14 Arnold Fincher Jr

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