

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 #: A50
Aquifer: _____
E-Log #: _____

County: Covington
Permit #: _____
Driller: James M. Wells
Date drilling completed: 10-22-14

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.

Well Owner Information (Landowner if borehole is not for a water well) Owner Name: <u>Ponderosa Farms</u> Mailing Address: _____ <u>722 Leonard Rd.</u> <u>Mt. Olive MS 39119</u> City State Zip Code Telephone No. <u>(601) 641-1693</u>	Well or Borehole Location <u>31° 42' 20" Well or Borehole Location 89° 40' 32"</u> Latitude: <u>31° 42.342</u> Longitude: <u>089° 40.542</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>SE 1/4 NE 1/4, Sec 35 T 9N R 17W</u> <u>12</u> Miles <u>5</u> of <u>Mt. Olive</u> (Distance) (Direction) (Nearest Town)
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Well / Borehole Data
Date drilling started: 10-22-14 Date drilling completed: 10-22-14 Hole depth: 320 Hole diameter: 7 1/2"
Location of the source of any surface water used for drilling: community
Method of dosing and volume of Chlorine used in drilling and development: granule chlorine
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): poultry farm
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: 140 feet [above or below] land surface Date measured: 10-22-14
(circle one)
Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____
Well depth: 320 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 280 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC
Screen slot size: .008 inches Setting depth: From 280 feet to 320 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

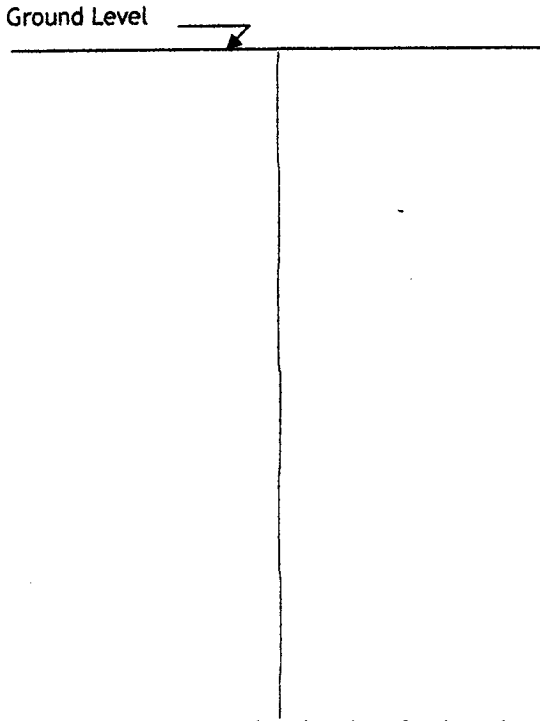
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County: Covington
 Permit #: _____

For Office Use Only:
 Well #: A50

The sketch below only required for water wells

If well telescopes, show depths on sketch.



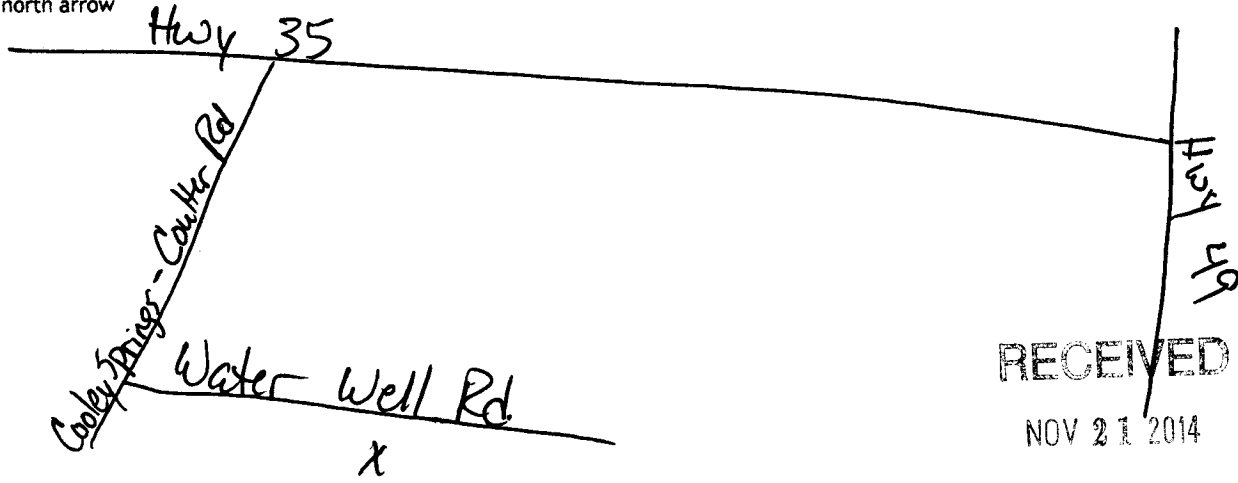
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
topsoil	Ground level	1
clay	1	230
sand	230	250
clay	250	270
sand	270	320

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) north arrow



Landowner Name: Ponderosa Farms

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.

James M. Wells 00005889 11-19-14
 Print Name of Responsible Licensee and License No. Date

James M. Wells
 Signature of Licensee

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: Covington
Permit #: _____
Driller: James M. Wells
Date completed: 10-22-14
Copy information from block on Part 1

For Office Use Only:
Well #: A50
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>Ponderosa Farms</u>	Latitude: <u>31°42.342</u> Longitude: <u>089°40.542</u>
Mailing Address: _____ <u>700 Leonard Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Mt. Olive</u> <u>MS</u> <u>39119</u> City State Zip Code	<u>SE</u> <u>1/4 NE</u> <u>1/4</u> , Sec. <u>35</u> T. <u>9N</u> R. <u>17W</u>
Telephone No. (<u>601</u>) <u>641-1693</u>	<u>12</u> Miles <u>5</u> of <u>Mt. Olive</u> (Distance) (Direction) (Nearest Town)

Pump Type (circle one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
Date Pump Installed: 10-22-14 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: 200 feet Number of Stages: 13

Pump Test Data for Non Flowing Well
Date Well Tested: 10-22-14 Duration of Pump Test (minimum 4 hours): 4 hours
Static Water Level (A): 140 Feet Below Land Surface Pumping Water Level (B): 200 Feet Below Land Surface
Drawdown [(B) - (A)]: 152¹⁰⁰ Feet Below Land Surface Test Pumping Rate: 65 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.

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

James M. Wells 00005889 11-19-14 James M. Wells
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer