

County: Bolivar  
 Permit #: GW-45147 (GW-07488)  
 Driller: Cook Drilling Co., Inc.  
 Date drilling completed: 4/22/11

**State Well Report**  
 Part I - 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 #: M 254  
 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.*

Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Masco Farm Partnership</u> Mailing Address: <u>488 Laurel Rd.</u> <u>Cleveland</u> <u>Ms.</u> <u>38732</u> City State Zip Code Telephone No. ( ) _____	Latitude: <u>33° 46' 16.7"</u> Longitude: <u>90° 41' 49.8"</u> Method of Lat/Long (circle one): Conventional Survey, <u>10</u> <u>90</u> <u>29</u> USGS quad, Hand-held GPS, Survey-grade GPS <input checked="" type="checkbox"/> <u>NW 1/4 SW 1/4</u> Sec <u>11</u> Twn <u>22N</u> Rng <u>05W</u> Distance _____ Direction _____ Nearest Town _____ Miles _____ of _____

**Well / Borehole Data**

Date drilling started: 4/22/11 Date drilling completed: 4/22/11 Hole depth: 120 Hole diameter: 26 in

Location of the source of any surface water used for drilling: \_\_\_\_\_  
 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: \_\_\_\_\_

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

Static Water Level: 48 ft feet above or below (circle one) land surface Date measured: \_\_\_\_\_

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle 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: 0.50 inches Setting depth: From 80 feet to 120 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development  
 Other (describe): \_\_\_\_\_

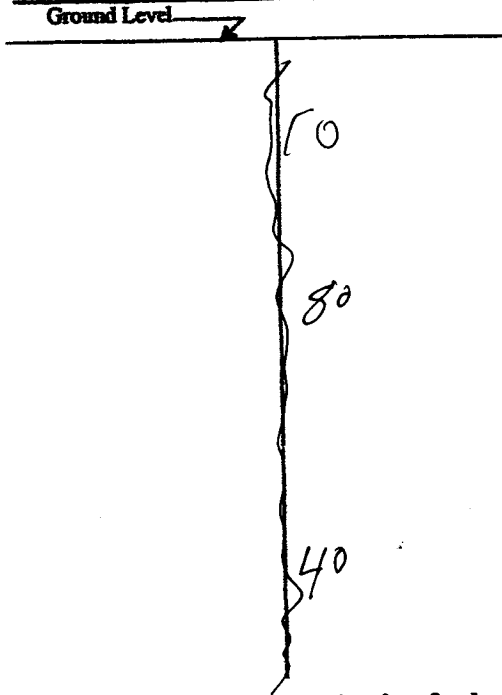
Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

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

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The sketch below only required for water wells

If well telescopes, show depths on sketch



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)
CLAY	Ground Level	50ft
Fine Sand	50ft	75ft
Sand + gravel	75ft	120ft

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.

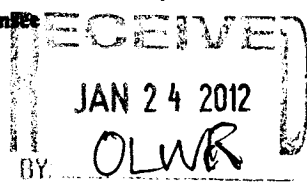
Landowner Name: Masco Farm Partnership

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.

Cook Drilling, Inc. 289     4/16/11  
 Print Name of Responsible Licensee and License No.     Date

[Signature]  
 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  
 (601)961-5210  
 (601)961-5228 (fax)

County: Bolivar  
 Permit #: GH-45147 (GW-02488)  
 Driller: Cook Drilling Co., Inc.  
 Date completed: 4-23-11  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: M254  
 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	Well Location
Owner Name: <u>Masco Farms Partnership</u>	Latitude: <u>33 46.167</u> Longitude: <u>90.41.498</u>
Mailing Address: <u>488 Laughlin Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Cleveland MS. 38732</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>NW 1/4 SW 1/4 Sec 12 T22N R25W</u>
Telephone No. ( ) _____	Distance Direction Nearest Town
	<u>4 Miles NW of Cleveland</u>

Pump Type Circle one	Power Type Circle one
Air Lift                      Jet                      Submersible	Diesel Engine                      Gasoline Engine                      Natural Gas
Bucket                      Piston <u>Turbine</u>	<u>Electric Motor</u> Hand                      Tractor PTO
Centrifugal                      Rotary                      Flowing Well	Windmill                      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60 HP</u>
Date Pump Installed: <u>4/23/11</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2,400</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line                      Electric Measuring Line                      Steel Tape
Static Water Level (A): <u>48</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Cook Drilling Inc 289  
 Print Name of Pump Installer and License No. (if applicable)

Earl Will  
 Signature of Pump Installer

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

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