

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2307
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

For Office Use Only:

Aquifer:
Well #: M608
L. S. Elevation:
E-log #:

County: Jackson
Permit #: MS-GW-16705
Driller: Lyman Well
Date drilling completed: 7/29/2013

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)
Owner Name: Mississippi Export Rail Road
Mailing Address: 4519 McInnis Ave
City: Mossport MS 39563
Telephone No. (228) 474-3355
Well or Borehole Location
Latitude: 30.30.36.5 Longitude: 88.29.35.8/36.1
Method of Lat/Long (circle one): Survey-grade GPS
USGS quad, Hand-held GPS, Survey-grade GPS
SW 1/4 NW 1/4 Sec 21 Twn 65 Rng 5W
Distance Direction Nearest Town
Miles of

Well / Borehole Data
Date drilling started: 7/22/2013 Date drilling completed: 7/29/2013 Hole depth: 141' Hole diameter: 14 3/4"
Location of the source of any surface water used for drilling: NA
Method of dosing and volume of Chlorine used in drilling and development: Granular
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 [checked] 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 [checked] Irrigation Fish Culture Other: Fire Water FEMA Fire Protection Shelter
If a flowing well, method of flow regulation: Valve NA Other (describe) NA
Static Water Level: 1.5' feet above or below (circle one) land surface Date measured: 7/29/2013
Method of Measurement (circle one) steel tape electric tape [checked] air line other:
Well depth: 141 Well grouted to a depth of 70' feet Type of grout (circle one) Neat Cement [checked] Bentonite Mix
Casing length: 70 feet Casing diameter: 16 inches Type of casing: steel
Screen length: 50 feet Screen diameter: 10 inches Type of screen: 304 SS wrap 10 mesh
Screen slot size: .012 inches Setting depth: From 90 feet to 140 feet
Type of completion (circle all applicable): Gravel packed [checked] 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  
 (601)961-5210  
 (601)961-5228 (fax)

County: Jackson  
 Permit #: MS-66-16705  
 Driller: Lyman Well  
 Date completed: 4/22/2014  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: M605  
 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>Mississippi Export R.R.</u>	Latitude: <u>30 30 36' 55"</u> Longitude: <u>88 29 35 81</u>
Mailing Address: <u>4519 McInnis Ave</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Misspoint MS 39563</u> City State Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Telephone No. <u>(228) 474-3355</u>	<u>SW 1/4 NW 1/4 Sec 21 T 6S R 5W</u>
	Distance _____ Direction _____ Nearest Town _____ _____ Miles _____ of _____

Pump Type Circle one	Power Type Circle one
Air Lift      Jet <input checked="" type="radio"/> Submersible	Diesel Engine      Gasoline Engine      Natural Gas
Bucket      Piston      Turbine	<input checked="" type="radio"/> Electric Motor      Hand      Tractor PTO
Centrifugal      Rotary      Flowing Well	Windmill      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>50</u>
Date Pump Installed: <u>4/10/2014</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>500</u> Gallons Per Minute	Number of Stages: <u>6</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4/23/2014</u>	Air Line <input checked="" type="radio"/> Electric Measuring Line      Steel Tape
Static Water Level (A): <u>8</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>38</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>30</u> Feet Below Land Surface	Well yielded <u>500</u> GPM with a drawdown of
Test Pumping Rate: <u>500</u> Gallons Per Minute	<u>30</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

Josh Ladner 0-640      [Signature]  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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M 608

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Mississippi Export Rail Road

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Imagery Date: 3/13/2013 30°30'36.52" N 89°29'34.06" W elev 17 ft eye alt 921 ft

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