

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: J 114
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: WASHINGTON
Permit #: GW-45627 ✓
Driller: J. NEWCOME 0.773
Date drilling completed: 6.4.2012

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>FarmLand Reserve Inc.</u>	Latitude: <u>33° 18' 11"</u> Longitude: <u>90° 47' 25"</u>
Mailing Address: <u>139 East South Temple</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Suite 600</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Salt Lake City UT 84111</u>	<u>SE</u> ¼ <u>SW</u> ¼ Sec <u>23</u> ✓ Twn <u>17N</u> ✓ Rng <u>06W</u>
City State Zip Code	NE
Telephone No. () _____	Distance Direction Nearest Town
	<u>7</u> Miles <u>N.E.</u> of <u>ARCOLA</u>

Well / Borehole Data

Date drilling started: 6.4.12 Date drilling completed: 6.4.12 Hole depth: 112 Hole diameter: 24"

Location of the source of any surface water used for drilling: DITCH

Method of dosing and volume of Chlorine used in drilling and development: 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 (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: _____ feet above or below (circle one) land surface Date measured: _____

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

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: P.V.C.

Screen length: 40 feet Screen diameter: 16 inches Type of screen: P.V.C.

Screen slot size: .050 inches Setting depth: From 70 feet to 110 feet

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

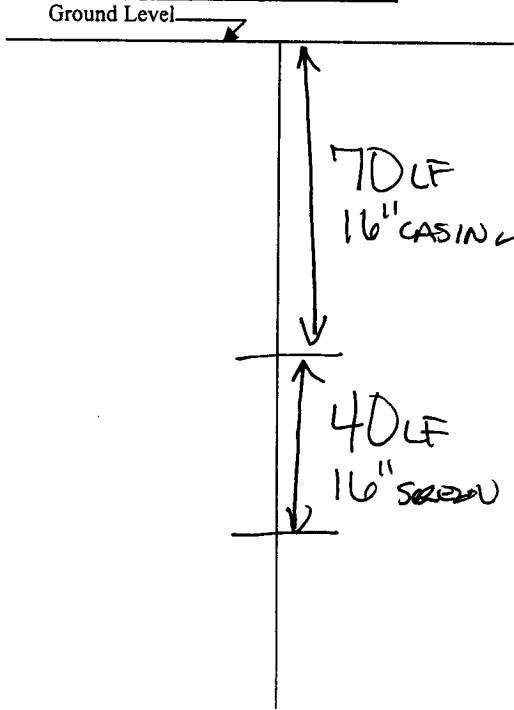
Other (describe): _____

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

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AUG 29 2012
BY OLWR

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)
TOP SOIL	Ground Level	10
CLAY MIX	10	20
SAND	20	55
MED/COURSE	55	65
COARSE/ROBBLES	65	110
BOTTOM	110	112

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) a north arrow.

SEE MAP.

Landowner Name: _____

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.

JOHN NEWCOME 0.773 6.4.2012 [Signature]
 Print Name of Responsible Licensee and License No. Date 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)

For Office Use Only:

Aquifer: _____
 Well #: J114
 Elevation: _____

County: WASHINGTON
 Permit #: GW - 45627
 Driller: S. NEWCOME 0-773
 Date completed: 6-4-2012
Copy information from block on Part 1

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>FARMLAND RESERVE INC</u>	Latitude: <u>33° 18' 11"</u> Longitude: <u>90° 47' 25"</u>
Mailing Address: <u>139 EAST SOUTH TEMPLE</u>	Method of Lat/Long (check one): Conventional Survey _____,
<u>SUITE 600</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>SALT LAKE CITY UT 84111</u>	<u>SE</u> ¼ <u>SW</u> ¼ Sec <u>23</u> T <u>17 N</u> R <u>06 W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>7</u> Miles <u>N.E</u> of <u>ARCOLA</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift Jet Submersible	<u>Diesel Engine</u> Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>6/10/12</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2400</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): _____ 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	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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

Corey Rowe 0-711P [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 Form: OLWR-SWR-1C (07-09)
 AUG 27 2012
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