

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)

County: Tunica
 Permit #: GW 45063 ✓
 Irrigation Equipment
 Driller: _____
 Date drilling completed: 5-9-2011

For Office Use Only:
 Aquifer: M 24
 Well #: _____
 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>Limerick Farms</u>	Latitude: <u>34 29 45.4N</u> Longitude: <u>90 27 15.1W</u>
Mailing Address: <u>c/o Will Owen</u> <u>5722 Old Hwy 61 S</u> <u>Tunica MS 38676</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SE 1/4 SW</u> Sec. <u>10</u> Twp. <u>T7S</u> Rng. <u>R12W</u>
Telephone No. () _____	Distance _____ Miles Direction <u>3</u> <u>south</u> of Nearest Town <u>Dundee</u>

Well / Borehole Data

Date drilling started: 5-9-2011 Date drilling completed: 5-9-2011 Hole depth: 125 Hole diameter: 24"

Location of the source of any surface water used for drilling: surface water
 Method of dosing and volume of Chlorine used in drilling and development: 50PPM

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: 125 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 85 feet Casing diameter: 16 inches Type of casing: pvc

Screen length: 40 feet Screen diameter: 16 inches Type of screen: pvc

Screen slot size: .050 inches Setting depth: From 86 feet to 125 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)

Circle S Irrigation (clarksdale, MS) will install pump

RECEIVED
 AUG 11 2011
 BY: OLWR

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 #: <u>M 24</u>	
Elevation: _____	

County: <u>TUNICA</u>
Permit #: <u>GW-45063</u>
Driller: <u>IRRIGATION EQUIPMENT</u>
Date completed: <u>5-9-2011</u>
<i>Copy information from block on Part 1</i>

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>LIMERICK FARMS</u>	Latitude: <u>34°29.453"</u> Longitude: <u>90°27.15.16"</u>
Mailing Address: <u>1100 EVANSVILLE COVE</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/>
<u>TUNICA, MS 38676</u>	USGS quad <input type="checkbox"/> Hand-held GPS <input type="checkbox"/> Survey-grade GPS <input type="checkbox"/>
City State Zip Code	<u>SE 1/4 SW 1/4 Sec 18 T 7S R 12W</u>
Telephone No. <u>(662) 363-9646</u>	Distance Direction Nearest Town
	<u>2</u> Miles <u>S</u> of <u>DUNDIE</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	<u>Diesel Engine</u> Gasoline Engine Natural Gas
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>125</u>
Date Pump Installed: <u>7-30-11</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>1400</u> Gallons Per Minute	Number of Stages: <u>3</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	

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

DAVID P. HOLT 0-752P _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-10-08 **RECEIVED**

AUG 25 2011

BY: OLWR