

State Well Report

Part 1

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
Well #: K-444
L. S. Elevation: _____
E-log #: _____

County: Jackson 059

Permit #: _____

Driller: Coast Water Well Service

Date drilling completed: 12-28-04

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Legacy Homes</u>	Latitude: <u>30° 31' 42.26" N</u> Longitude: <u>088° 39' 22.17" W</u>
Mailing Address: <u>Tyler Lane Lot #22</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Vanderveer MS 39565</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
City State Zip Code	<u>SE 1/4 NW 1/4 Sec 14 Twn T6S Rng R7W</u>
Telephone No. <u>(228) 497-4338</u>	Distance Direction Nearest Town <u>2 Miles EAST of Vanderveer</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____

Date well drilling started: 12-28-04 Date well drilling completed: 12-28-04

If flowing, method of flow regulation: Valve N/A Other (describe) _____

Static Water Level: 25 feet above or (below) (circle one) land surface Date measured: 12-28-04

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

Hole depth: 130' Well depth: 130' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 120 feet Casing diameter: 2 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 120 feet to 130 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: N/A feet. If telescoped or more than one screen, describe on back of page

Logs run (circle all applicable): (No log run) Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): N/A

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Jack Ridgdell 0-472
Print Name of Water Well Contractor and License No.

Jack Ridgdell
Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

Ground Level K-444

Description of Formations Encountered	From	To
Top Soil	0	2
Orange clay	2	17
Brown coarse sand	17	50
White clay	50	84
Gray medium & coarse sand	84	130

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) indicate direction.

Landowner Name: Legacy Homes

John R. Ruffell

 Signature of Water Well Contractor

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
 Well #: K-444
 Elevation: _____

County: Jackson
 Permit #: _____
 Driller: Coast Water Wells Service
 Date completed: 12-28-04

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

Well Owner Information	Well Location
Owner Name: <u>Legacy Homes</u>	Latitude: <u>30° 31' 43.2"</u> Longitude: <u>088° 39' 29.2"</u>
Mailing Address: <u>Tyler Lane, Lot #22</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
<u>Vanderveer Ms 39565</u> City State Zip Code	<u>SE 1/4 NW 1/4 Sec 14 Twn 76S Rng R 7W</u>
Telephone No. <u>(228) 497-4338</u>	Distance Direction Nearest Town <u>2 Miles EAST of Vanderveer</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input checked="" type="radio"/> <u>Jet</u> <input type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well	Windmill Other (specify): _____
Other (specify): <u>1HP Goulds</u>	Horse Power Rating of Motor: <u>1HP</u>
Date Pump Installed: <u>1-8-05</u>	Setting Depth: <u>40' drop pipe</u> feet
Rated Pump Capacity: <u>8.5</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-8-05</u>	<input checked="" type="radio"/> <u>Air Line</u> <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>25</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>N/A</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>N/A</u> Feet Below Land Surface	Well yielded <u>8.5</u> GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>8.5</u> Gallons Per Minute	
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.

Ben Ridadell 0-713P Ben Ridadell
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer