

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 #: Ø 511
L. S. Elevation: _____
E-log #: _____

County: Jackson
Permit #: _____
Driller: Coast Water Wells SRV.
Date drilling completed: 5-3-06

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>Sweet Bay Golf Course</u>	Latitude: <u>30° 28' 33"</u> Longitude: <u>88° 43' 50"</u>
Mailing Address: <u>Hwy 57</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Vanceleve Ms 39565</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
City State Zip Code	<u>NW 1/4 NW 1/4 Sec 6</u> Twn <u>77S</u> Rng <u>R7W</u>
Telephone No. <u>(713) 898-1200</u>	Distance <u>4 1/2</u> Miles Direction <u>SSW</u> of Nearest Town <u>Vanceleve</u>

Well Data

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

Date well drilling started: 5-1-06 Date well drilling completed: 5-3-06

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

Static Water Level: 100 feet above or (below) land surface Date measured: 5-3-06

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

Hole depth: 400' Well depth: 400' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement (Bentonite) Mix

Casing length: 380 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 380 feet to 400 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

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If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Top Soil	0	2
Brown Coarse Sand	2	17
Blue Clay	17	40
Orange clay w/ streaks OF SAND	40	67
Blue Clay w/ streaks OF SAND	67	180
Gray Coarse Sand	180	194
Blue Clay	194	205
Gray Coarse Sand	205	221
Blue Clay	221	352
Gray Coarse Sand	352	400

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: Sweet Bay Golf Course

Jack Ruffell
Signature of Water Well Contractor

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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 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: JACKSON
 Permit #: _____
 Driller: Coast Water Wells, Inc.
 Date completed: 5-3-06

For Office Use Only:

Aquifer: _____
 Well #: Φ - 511
 Elevation: _____

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>Sweet Bay Golf Course</u>	Latitude: <u>30° 28' 333"</u> Longitude: <u>088° 43' 850"</u>
Mailing Address: <u>Hwy 57</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
<u>Vanceleave, MS 39565</u>	<u>NW 1/4 NW 1/4 Sec 6 Twn 77S Rng R7W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>713 898-6200</u>	<u>4 1/2 Miles SSW of Vanceleave</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5 HP</u>
Date Pump Installed: <u>5-30-06</u>	Setting Depth: <u>180 FT. Drop pipe</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-30-06</u>	<u>Air Line</u> Electric Measuring Line Steel Tape
Static Water Level (A): <u>100</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: <u>N/A</u> feet
Drawdown [(B) - (A)]: <u>N/A</u> Feet Below Land Surface	Well yielded <u>61</u> GPM with a drawdown of
Test Pumping Rate: <u>61</u> Gallons Per Minute	<u>N/A</u> feet after <u>N/A</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>5</u> hours	

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

John Elkins 0-7116P _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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