

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 #: H587
L. S. Elevation: _____
E-log #: _____

County: Harrison
Permit #: _____
Driller: Coast Water Wells, Inc.
Date drilling completed: 9-3-09

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>Thomas McMillan</u>	Latitude: <u>30° 52' 918"</u> Longitude: <u>089° 00' 429"</u>
Mailing Address: <u>18257 Fairway View Dr.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>32 55 26</u>
<u>Biloxi, MS 39532</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SW 1/4 SE 1/4 Sec 5 Twp 65 Rng R10W</u>
Telephone No. <u>228 396-9454</u>	Distance Direction Nearest Town <u>6 1/2 Miles NORTH of GULFPORT</u> <u>EAST</u>

Well Data

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

Date well drilling started: 9-1-09 Date well drilling completed: 9-3-09

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

Static Water Level: 113 feet above of below (circle one) land surface Date measured: 9-3-09

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

Hole depth: 475 FT. Well depth: 475 FT. Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 260' x 4" feet Casing diameter: 4x2 inches Type of casing: PVC

Screen length: 25 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 450 feet to 475 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 Ridgell 0-472
Print Name of Water Well Contractor and License No.

Jack Ridgell
Signature of Water Well Contractor

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H587

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
TOP SOIL	0	1
Orange clay	1	12
Orange coarse sand w/ peagravel	12	53
Orange clay	53	120
Blue clay w/ streaks of sand	120	300
Gray medium to coarse sand	300	342
Blue clay w/ streaks of sand	342	370
Gray medium to coarse sand	370	475

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.

Hand-drawn sketch of a property layout. A house is located at the top right. A well is marked with a square next to it. A driveway labeled 'DRIVE' runs from the house towards the bottom left. A road labeled 'Highway' is shown along the bottom left boundary. A north arrow is drawn in the lower right quadrant, pointing upwards and to the right.

Landowner Name: Thomas McMillan

Jack Ripple

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: Harrison
 Permit #: _____
 Driller: Coast Water Wells SRV
 Date completed: 9-3-09

For Office Use Only:

Aquifer: _____
 Well #: H587
 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>Thomas McMillan</u>	Latitude: <u>30° 52' 918"</u> Longitude: <u>089° 00' 427"</u>
Mailing Address: <u>18257 Fairway View DR.</u>	Method of Lat/Long (circle one): Conventional Survey, ^{32 55} <u>Hand-held GPS</u> ²⁶
<u>Vandlease, MS 39565</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SW 1/4 SE 1/4 Sec 5 Twn T6S Rng R10W</u>
Telephone No. <u>228) 396-9454</u>	Distance Direction Nearest Town
	<u>6 1/2</u> Miles <u>NE</u> of <u>GULFPORT</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 HP</u>
Date Pump Installed: <u>9-4-09</u>	Setting Depth: <u>180 FT. Drop pipe</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9-4-09</u>	<u>Air Line</u> <input checked="" type="radio"/> Electric Measuring Line Steel Tape
Static Water Level (A): <u>113</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>45</u> GPM with a drawdown of
Test Pumping Rate: <u>10</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>4</u> hours	

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

Jack Ridgdell 0-472
 Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer

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BY: OLWF