

# 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: N 1075  
Well #: \_\_\_\_\_  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Jackson  
Permit #: \_\_\_\_\_  
Driller: Coast Water Wells, Inc.  
Date drilling completed: 6/22/11

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>Silas Cruthirds</u>	Latitude: <u>30.28.1.80</u> Longitude: <u>088.52.34.80</u>
Mailing Address: <u>15780 Peapatch Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS <u>quad</u> , <u>Hand-held GPS</u> , Survey-grade GPS
<u>Biloxi, MS 39532</u>	<u>SE 1/4 NW 1/4 Sec 3</u> Twn <u>T7.5</u> Rng <u>R9 W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>817.939-3956</u>	<u>1 1/2</u> Miles <u>NE</u> of <u>D'Iberville</u>

**Well Data**

Purpose of Well (circle one): ~~Industrial~~ ~~Public Supply~~ Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 6/20/11 Date well drilling completed: 6/22/11

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

Static Water Level: 90 feet above or below (circle one) land surface Date measured: 6/22/11

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

Hole depth: 407 FT. Well depth: 407 FT. Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 345' x 4" feet Casing diameter: 4 X 2 inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 377 feet to 407 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

N1075

If well telescopes please sketch below and show depths.

Ground Level

---

Description of Formations Encountered	From	To
TOPSOIL	0	2
Orange clay	2	15
Orange Coarse Sand	15	35
Orange clay	35	110
Blue clay w/ streaks of sand	110	369
Gray Coarse Sand	369	407

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: Silas Cruthirds

*Juan Padilla*  
 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 #: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

County: Jackson  
 Permit #: \_\_\_\_\_  
 Driller: Coastwaterwell serv.  
 Date completed: 6/22/11

**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>Silas Cruthirds</u>	Latitude: <u>30° 28' 1.80"</u> Longitude: <u>088° 52' 34.80"</u>
Mailing Address: <u>15780 Peapatch Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Biloxi, MS 39532</u> City State Zip Code	<u>SE 1/4 NW 1/4 Sec 3 Twn T7S Rng R9W</u>
Telephone No. <u>817, 939-3956</u>	Distance Direction Nearest Town <u>1 1/2 Miles NE of D'Iberville</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 <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2 H.P.</u>
Date Pump Installed: <u>6/24/11</u>	Setting Depth: <u>110 FT. Drop Pipe</u> feet
Rated Pump Capacity: <u>19</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6/24/11</u>	<u>Air Line</u> <input checked="" type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>80</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>50</u> GPM with a drawdown of
Test Pumping Rate: <u>22</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 Ridgell 0-472 Jack Ridgell  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

JUN 29 2011  
 DEPT. OF ENVIRONMENTAL QUALITY