

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 #: Q621
L. S. Elevation: _____
E-log #: _____

County: Jackson
Permit #: _____
Driller: Coast Water Well Serv.
Date drilling completed: 12/18/12

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>Jackson County Port Authority</u>	Latitude: <u>30° 23' 44.70"</u> Longitude: <u>088° 28' 34.74"</u>
Mailing Address: <u>Bayou Couleest Road</u> <u>(Waste Water Treatment Facility)</u> <u>Moss Point, MS 39562</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
Telephone No. <u>228-762-4341</u>	<u>SE</u> 1/4 NW 1/4 Sec <u>34</u> Twn <u>T 75</u> Rng <u>R 5 W</u> NW Distance Direction Nearest Town <u>1/2</u> Miles <u>East</u> of <u>Pascagoula</u>

Well Data

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

Date well drilling started: 12/18/12 Date well drilling completed: 12/18/12

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

Static Water Level: 30 feet above or below (circle one) land surface Date measured: 12/18/12

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

Hole depth: 285 FT Well depth: 285 FT Well grouted to a depth of 10 feet

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

Casing length: 275 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 275 feet to 285 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

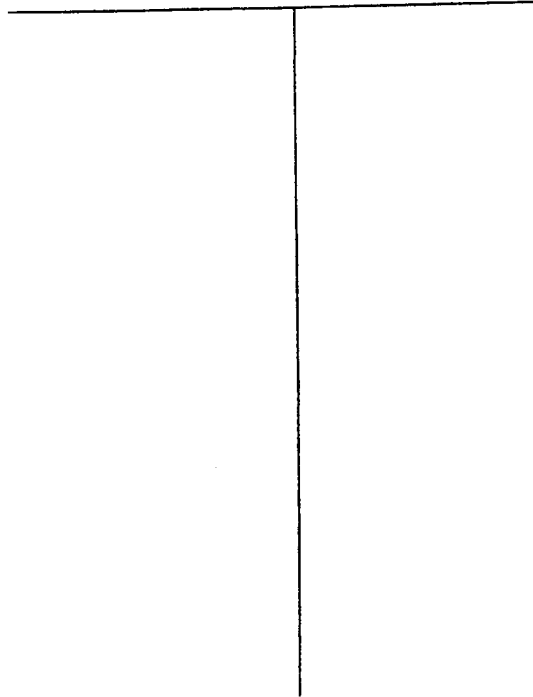
I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

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

Jack Ridgell
Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

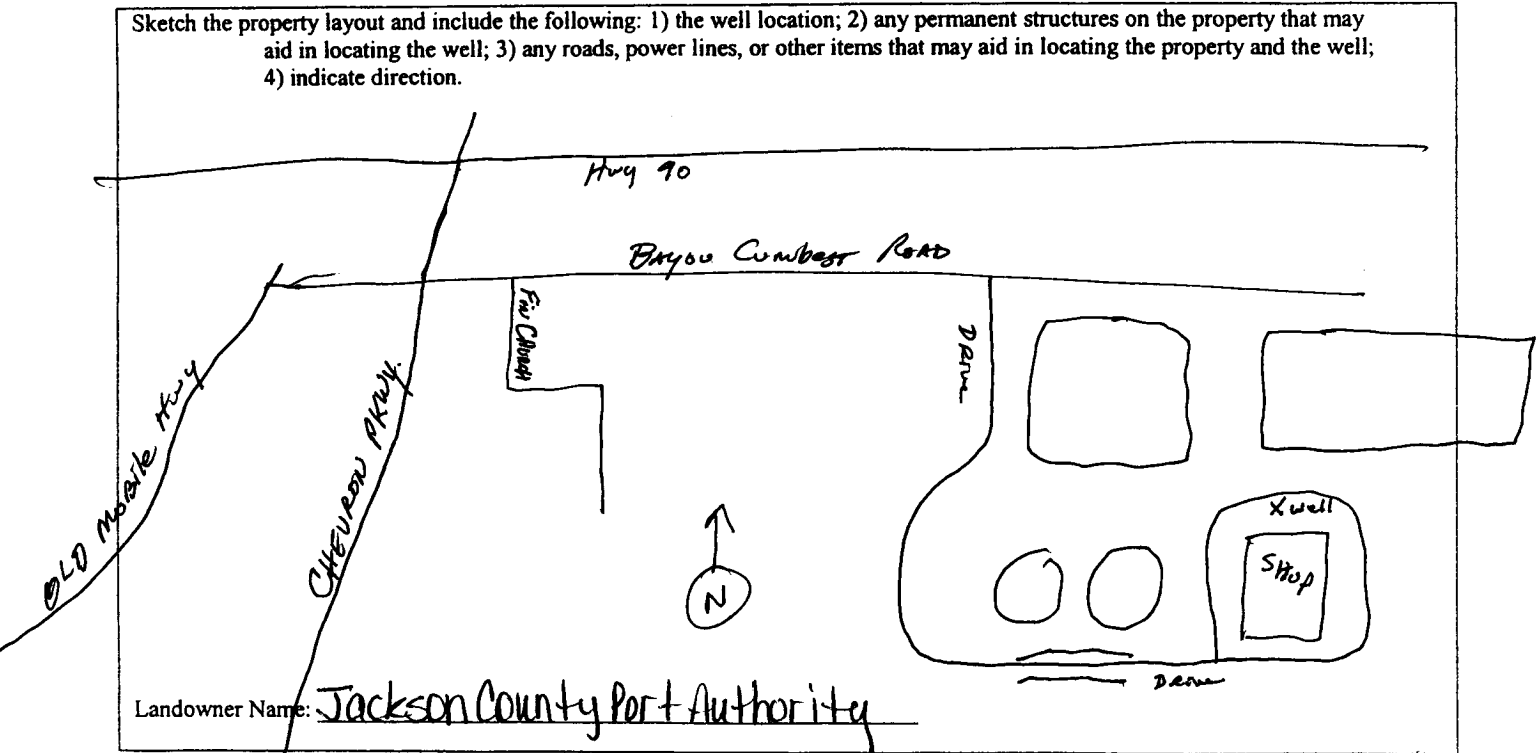
Ground Level



Description of Formations Encountered	From	To
Top Soil	0	1
Orange clay	1	15
White coarse sand	15	25
Blue clay	25	105
Gray coarse sand	105	180
Blue clay	180	271
Gray medium sand	271	285

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: Jackson County Port Authority

John Reddell
Signature of Water Well Contractor

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DEC 21 2012
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 10631
 Jackson, MS 39289-0631
 (601) 961-5210
 (601) 354-6938 (fax)

For Office Use Only:

Aquifer: G 621
 Well #: _____
 Elevation: _____

County: Jackson
 Permit #: _____
 Driller: Coast Water Well SRV
 Date completed: 12/18/12

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>Jackson County Port Authority</u> Mailing Address: <u>Bayou Cumbest Road</u> <u>Waste Water Treatment Facility</u> <u>Mass Point, MS 39562</u> City State Zip Code Telephone No. <u>601-762-4341</u>	Latitude: <u>30°23'44.70"</u> Longitude: <u>088°28'34.74"</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS <u>SE 1/4 NW 1/4 Sec 34 Twn T7S Rng R5W</u> Distance Direction Nearest Town <u>1 1/2 Miles EAST of Pascagoula</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> <u>Jef</u> <input type="radio"/> Submersible Bucket <input type="radio"/> Piston <input type="radio"/> Turbine Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well Other (specify): _____ Date Pump Installed: <u>1-9-13</u> Rated Pump Capacity: <u>8.5</u> Gallons Per Minute	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input checked="" type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO Windmill <input type="radio"/> Other (specify): _____ Horse Power Rating of Motor: <u>1 HP</u> Setting Depth: <u>60 FT. Drop Pipe</u> feet Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-9-13</u> Static Water Level (A): <u>30</u> Feet Below Land Surface Pumping Water Level (B): <u>N/A</u> Feet Below Land Surface Drawdown [(B) - (A)]: <u>N/A</u> Feet Below Land Surface Test Pumping Rate: <u>8.5</u> Gallons Per Minute Duration of Pump Test (minimum 4 hours): <u>4 1/2</u> hours	<input checked="" type="radio"/> <u>Air Line</u> <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape Other (specify): _____ For flowing well, measured shut in head: <u>N/A</u> feet Well yielded <u>20</u> GPM with a drawdown of <u>N/A</u> feet after <u>N/A</u> hours of pumping RECEIVED

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Jack Ridgell 0-472 JAN 16 2013
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer BY: OLW