

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 #: J 585
L. S. Elevation: _____
E-log #: _____

County: Jackson
Permit #: _____
Driller: Coast Water Wells SRV.
Date drilling completed: 6-7-13

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>Phil Lafferty</u>	Latitude: <u>30.33.9.48</u> Longitude: <u>88.46.30.96</u>
Mailing Address: <u>Ramsey Oaks Drive</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Vanderveer, MS 39265</u> City State Zip Code	<u>NE 1/4 SW 1/4 Sec 3</u> Twn <u>T6S</u> Rng <u>R8W</u>
Telephone No. <u>251 654-3363</u>	Distance <u>5 1/4</u> Miles Direction <u>West</u> of Nearest Town <u>Vanderveer</u>

Well Data

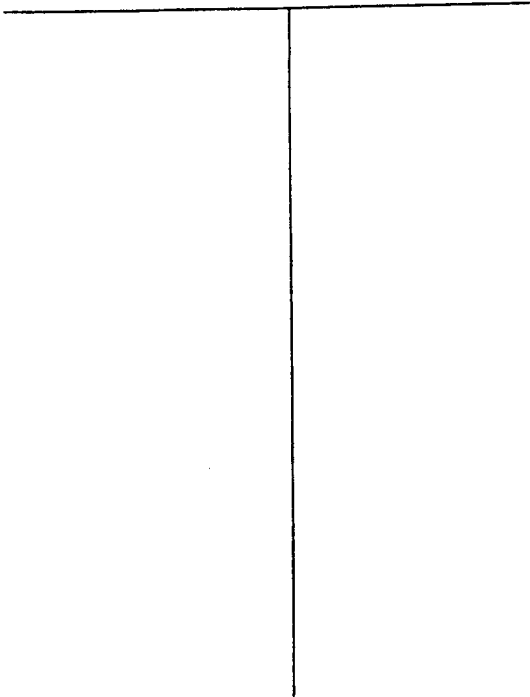
Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____
Date well drilling started: 6-6-13 Date well drilling completed: 6-7-13
If flowing, method of flow regulation: Valve N/A Other (describe) _____
Static Water Level: 30 feet above or below (circle one) land surface Date measured: 6-7-13
Method of Measurement (circle one) steel tape electric tape air line other: _____
Hole depth: 160 FT Well depth: 160 FT Well grouted to a depth of 10 feet
Type of grout (circle one): Cement Bentonite Mix
Casing length: 150 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC
Screen slot size: .008 inches Setting depth: From 150 feet to 160 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.

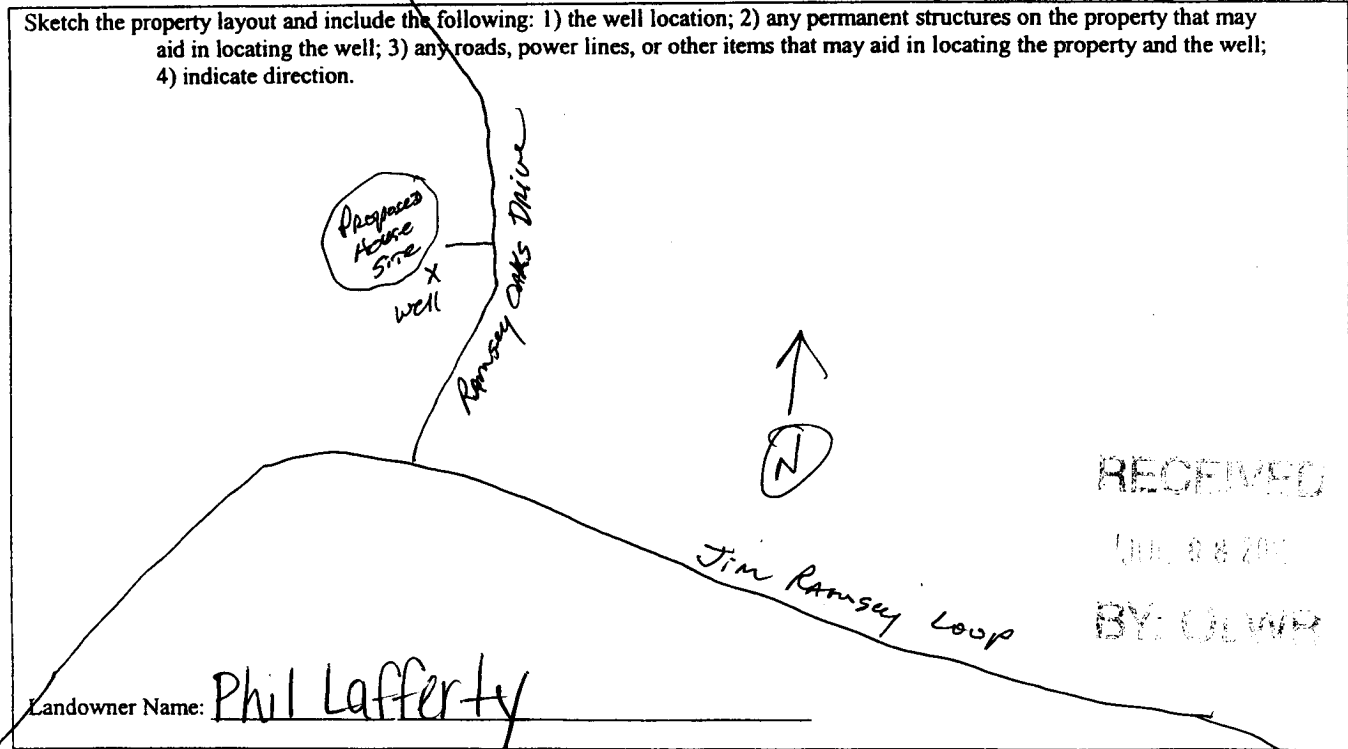
Ground Level



Description of Formations Encountered	From	To
Top Soil	0	2
Orange Clay	2	25
Orange Coarse Sand	25	40
Orange Clay	40	120
Orange Coarse Sand	120	160

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: Phil Lafferty

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 #: J585
 Elevation: _____

County: Jackson
 Permit #: _____
 Driller: Coast Water Wells Serv.
 Date completed: 6-7-13

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>Phil Lafferty</u>	Latitude: <u>30° 33' 9.48"</u> Longitude: <u>088° 46' 30.96"</u>
Mailing Address: <u>Ramsey Oaks Drive</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Vanceleave, MS 39565</u>	USGS quad: <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>NE 1/4 SW 1/4 Sec 3 Twn 76S Rng R8W</u>
Telephone No. <u>256 654-3363</u>	Distance Direction Nearest Town
	<u>5 1/4 Miles West of Vanceleave</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input 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>1 HP</u>
Date Pump Installed: <u>6-10-13</u>	Setting Depth: <u>80 FT Drop Pipe</u> feet
Rated Pump Capacity: <u>19</u> Gallons Per Minute	Number of Stages: <u>9</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-10-13</u>	<u>Air Line</u> <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>30</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>60</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
 Print Name of Pump Installer and License No. (if applicable)

Jack Ridgell
 Signature of Pump Installer