

County: Dezire
 Permit #: 0-780
 Driller: W. Gael Pierce
 Date drilling completed: 10-12-11

State Well Report

Part 1 - Driller's Log

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: M 214
 Well #: _____
 L. S. Elevation: _____
 E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Casey Cochran</u> Mailing Address: <u>195 Dean Ramsey Rd</u> <u>Lumbah</u> <u>MS</u> <u>39452</u> City State Zip Code Telephone No. <u>(228) 219-2100</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>30° 44' 26.46"</u> Longitude: <u>89° 31' 04.1"</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>N45</u> <u>1/4 SW</u> <u>1/4 Sec 31</u> <u>Twn 35</u> <u>Rng 5W</u> <u>SE</u> <u>NE</u> Distance Direction Nearest Town <u>3</u> Miles <u>South</u> of <u>Agucola, MS</u></p>
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Well / Borehole Data

Date drilling started: 10-12 Date drilling completed: 10-12 Hole depth: 180 Hole diameter: 2

Location of the source of any surface water used for drilling: Agucola, MS
 Method of dosing and volume of Chlorine used in drilling and development: 2000 water 4 gal chlorine

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
 Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

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

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 5 feet above of below (circle one) land surface Date measured: 10-12

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

Well depth: 180 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 170 feet Casing diameter: 2 inches Type of casing: Sch 40 Plastic

Screen length: 10 feet Screen diameter: 2 inches Type of screen: Sch 40 Plastic

Screen slot size: 10 inches Setting depth: From 170 feet to 180 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
 Other (describe): _____

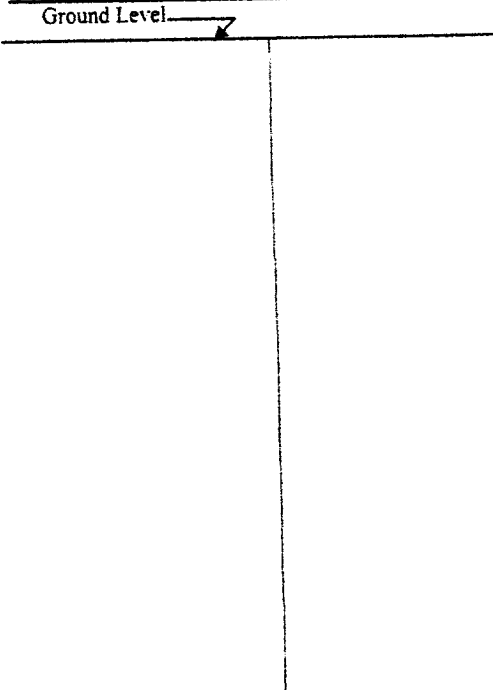
Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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 BY: OLWR

The sketch below only required for water wells.

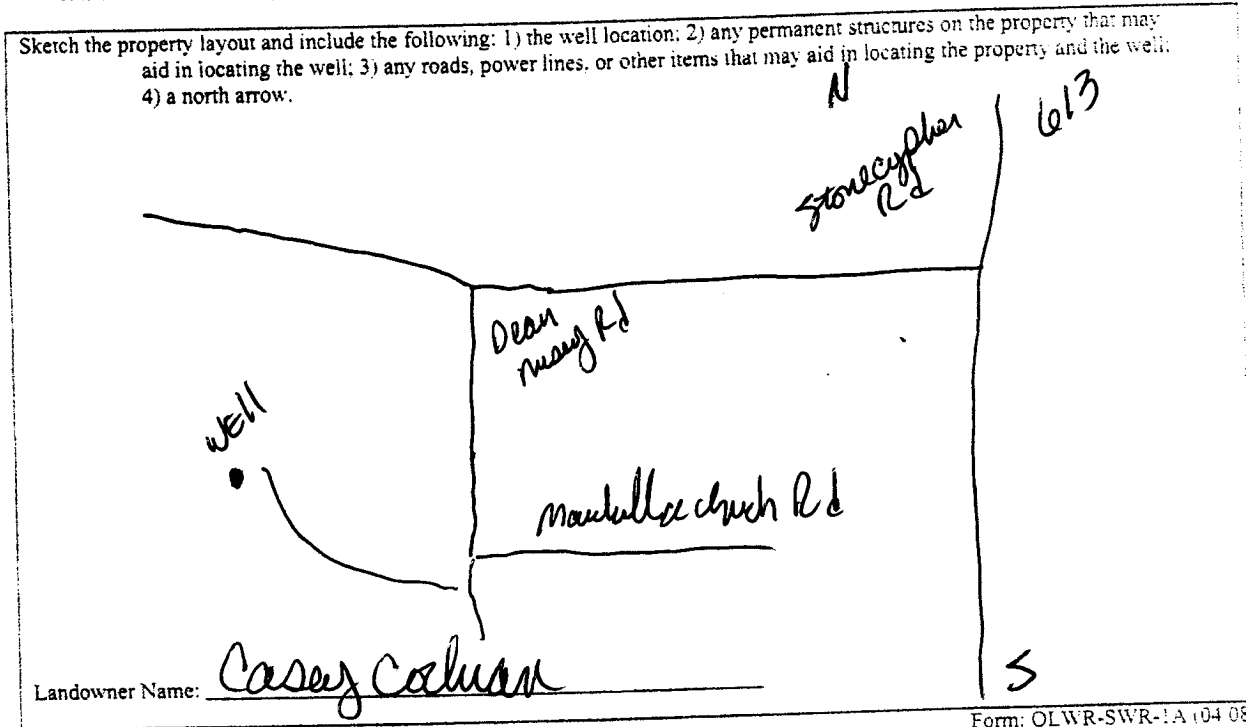
If well telescopes, show depths on sketch.



Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground Level	To (depth)
Red sand	0	50
green clay	50	120
gravel	120	180

If more than one screen, show location of each on sketch



Landowner Name: Casey Cochran

Form: OLWR-SWR-1A (04 08)

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

Joel Pirel 10-12-11
Print Name of Responsible Licensee and License No. Date

Joel Pirel RECEIVED
Signature of Licensee NOV 09 2011

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 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:

Aquifer: _____
 Well #: M214
 Elevation: _____

County: Dezade
 Permit #: 0-780
 Driller: J Pin
 Date completed: 10-12-11
Copy information from block on Part 1

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Casey Cochran</u>	Latitude: <u>30-44-786</u> Longitude: <u>88-31-041</u>
Mailing Address: <u>195 Seanrunny Rd</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
<u>Lumbah MS 39452</u>	<u>NE 1/4 SW 1/4</u> Sec <u>31</u> T <u>35</u> R <u>5W</u>
City State Zip Code	<u>SE NE</u> Direction Nearest Town
Telephone No. <u>(228) 219-2100</u>	<u>3</u> Miles <u>South</u> of <u>Agula, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> <u>Jet</u> <input type="radio"/> Submersible	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine	<u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2 hp</u>
Date Pump Installed: _____	Setting Depth: <u>100 jet line</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>3</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-12-11</u>	<u>Air Line</u> <input type="radio"/> Electric Measuring Linc <input type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>5</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>80</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>2</u> Feet Below Land Surface	Well yielded <u>10</u> GPM with a drawdown of
Test Pumping Rate: <u>10</u> Gallons Per Minute	<u>2</u> feet after <u>48</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>48</u> hours	

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

Joel Pin 0-780 Joel Pin NOV 09 2011
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer BY: OLWR
 Form: OLWR-SWR-10 (08/08)

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