

State Well Report

Part 1 - Driller's Log

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)

County: Yazoo
Permit #: GW-45441
Irrigation Equipment
Driller:
Date drilling completed: 8-5-11

For Office Use Only:
Aquifer: G143
Well #: U118
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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Eagle Creek Mississippi</u>	Latitude: <u>32° 37' 59.9"</u> Longitude: <u>90° 38' 02.5"</u>
Mailing Address: <u>P.O. Box 259</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad <u>Hand-held GPS</u> Survey-grade GPS
<u>Mer Rouge Lg. 71261</u> City State Zip Code	<u>NE 1/4 NW 17</u> Sec <u>17</u> Twn <u>9N</u> Rng <u>4W</u>
Telephone No. ()	Distance <u>5</u> Miles Direction <u>SW</u> of Nearest Town <u>Sartoria</u>

Well / Borehole Data

Date drilling started: 8-5-11 Date drilling completed: 8-5-11 Hole depth: 99 Hole diameter: 18"

Location of the source of any surface water used for drilling: Surface Water
Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

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 Pivot Irrigation Fish Culture Other: Replacement

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

Static Water Level: 16 feet above or below (circle one) land surface Date measured:

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

Well depth: 99 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 76 feet Casing diameter: 10 inches Type of casing: PVC

Screen length: 23 feet Screen diameter: 10 inches Type of screen: PVC

Screen slot size: See back inches Setting depth: From See back feet to See back 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*

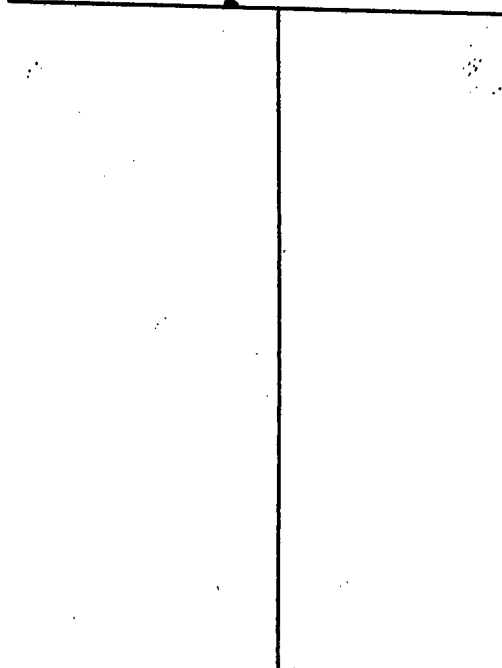
Old well 40' East

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BUREAU

The sketch below only required for water wells.

If well telescopes, show depths on sketch.

Ground Level →



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

6143
u118

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	38
Fine Sand + Clay	39	49
Fine Sand	50	75
Fine Sand + Gravel	76	89
Medium Sand + Gravel	90	96
Clay	97	99
Screen:		
(77-89) 13' .032		
(90-99) 10' .050		

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) a north arrow.

Landowner Name: Eagle Creek

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.

Patrick M. Chism 0695 [Signature]

Print Name of Responsible Licensee and License No. Date Signature of Licensee

MISSISSIPPI
DEPARTMENT OF ENVIRONMENTAL QUALITY
2011
JAN 20 2011

County: 49200
 Permit #: GW-45441
 Irrigation Equipment
 Driller:
 Date completed: 8-5-11
 Copy information from block on Part 1

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 #: U118
 Elevation:

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>Eagle Creek Mississippi</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 259</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Mer Rouge La. 71261</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>17</u> T. <u>9N</u> R. <u>4W</u>
Telephone No. () _____	Distance _____ Miles Direction <u>SW</u> of Nearest Town <u>Sartoris</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	<input checked="" type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <input checked="" type="checkbox"/> Turbine	Electric Motor <input type="checkbox"/> Hand <input checked="" type="checkbox"/> Tractor PTO
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill _____ Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>8-6-11</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: _____ Gallons Per Minute	Number of Stages: <u>3</u>

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

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
 Patrick M. Chism 0695
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer