

6/30/18

164

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 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: E93
Aquifer: _____
E-Log #: _____

County: Quitman
 Permit #: GW-50276
 Driller: Chad Mattox
 Date drilling completed: 6/14/18

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.

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Cassidy Farms</u>	Latitude: <u>34 19 38</u> Longitude: <u>90 18 29</u>
Mailing Address: <u>700 Peyton Circle</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City: <u>Marks</u> State: <u>MS</u> Zip Code: <u>38646</u>	<u>NW</u> 1/4 <u>SW</u> 1/4, Sec <u>04</u> T <u>28N</u> R <u>01W</u>
Telephone No. (____) _____	<u>5</u> Miles <u>NW</u> of <u>Marks</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 6/14/18 Date drilling completed: 6/14/18 Hole depth: 120' Hole diameter: 24"

Location of the source of any surface water used for drilling: River

Method of dosing and volume of Chlorine used in drilling and development: _____

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (circle 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 (circle all applicable): Home _____ Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____

Other (describe): _____

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

Static Water Level: 10 feet [above or below] land surface Date measured: 6/14/18
 (circle one)

Method of measurement (circle one): Steel tape _____ Electric tape _____ Air line _____ Other (describe) _____

Well depth: 120' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement _____ Bentonite _____ Mix _____

Casing length: 80 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 60-80 feet to 80-120 feet

Type of completion (circle all applicable): Gravel packed _____ Underreamed _____ 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

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17-0932

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 39225-2309
(601)961-5210
(601) 360-0535 (fax)

County: Quitman
 Permit #: GW-50271e
 Driller: Chad Mattox
 Date completed: 6-14-18
Copy information from block on Part 1

For Office Use Only:
 Well #: E93
 Aquifer: _____

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>Cassidy Farms</u>			Latitude: <u>34 19 38</u> Longitude: <u>90 18 29</u>	
Mailing Address: <u>700 Peyton Circle</u>			Method of Lat/Long (check one): Conventional Survey _____	
_____			USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____	
<u>Marks</u>	<u>MS</u>	<u>38646</u>	<u>NW</u> ¼ <u>SW</u> ¼, Sec <u>04</u> T <u>28N</u> R <u>01W</u>	
City	State	Zip Code	_____	
Telephone No. (____)			<u>5</u> Miles <u>NW</u> of <u>Marks</u>	
			(Distance) (Direction) (Nearest Town)	

Pump Type (circle one)

Submersible Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 6-18-18 Rated Pump Capacity: 3000 Gallons Per Minute

Is This Pump (circle one): Repaired Replacement

Power Type (circle one)

Electric Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 3

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Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 10 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

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Meter Installation

Meter Manufacturer: _____ Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: _____ Meter installed by: _____

Is This Meter (circle one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

DAVID P. HOLT 0-757P 6-18-18 _____
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Form: OLWR-SWR-1B (4/13)

STATE OF MISSISSIPPI

Department of Environmental Quality

Office of Land and Water Resources

P. O. Box 2309

Jackson, Mississippi 39225

17-0932
Willow Lake
E93

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq. (1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-50276

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Landowner Name: CASSIDY FARMS

Landowner Address: 700 PEYTON CIRCLE
MARKS MS 38646

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: IRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the SW 1/4

Section: 04 Township: 28N Range: 01W

County: QUITMAN

Quad: MARKS

Maximum Volume: 450 Acre-Feet/Year equivalent to .4017 Million Gallons/Day
Maximum Rate: 3000 Gallons/Minute

Applicant Name: CASSIDY FARMS

Applicant Address: 700 PEYTON CIRCLE
MARKS MS 38646

Date Permit Issued: 02/22/2018

Date Permit Expires: 02/22/2023

Date Permit Modified:

Date Permit Re-issued:

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.

SPECIAL TERMS AND CONDITIONS 2:

Gary C. Rikard, Executive Director
Mississippi Department of Environmental Quality