

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)

County: Tallahatchie
Permit #: GW-50658
Driller: CHAD MATTOX
Date drilling completed: 5/22/19

For Office Use Only:
Well #: O147
Aquifer: _____
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.

Well Owner Information (Landowner if borehole is not for a water well)			Well or Borehole Location		
Owner Name: <u>Sturdivant Family Partners</u>			Latitude: <u>33-49-3</u> Longitude: <u>90-14-47</u>		
Mailing Address: <u>PO Box 230</u>			Method of Lat/Long (check one): Conventional Survey <input type="radio"/> ,		
			USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>		
<u>Glendora</u>	<u>MS</u>	<u>08928</u>	SW <u>1/4</u> NE <u>1/4</u> , Sec <u>36</u> T <u>23N</u> R <u>01W</u>		
City	State	Zip Code	6 Miles NE of Minter City		
Telephone No. (____) _____			(Distance) (Direction) (Nearest Town)		

Well / Borehole Data

Date drilling started: 5/22/19 Date drilling completed: 5/22/19 Hole depth: 115 Hole diameter: 24

Location of the source of any surface water used for drilling: Nearby Ditch

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

Logs run (check 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 (check 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: 17 feet above/ below land surface Date measured: 5/25/19
(select one)

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

Well depth: 115 Well grouted to a depth of: 10 feet Type of grout (select one): Neat Cement Bentonite Mix

Casing length: 75 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 115 feet to 75 feet

Type of completion (check 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




County: Tallahatchie
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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

Description of Formations Encountered	From (depth)	To (depth)
	Ground level	10
clay/sand	10	20
fine sand	20	30
pea gravel/sand	30	40
" "	40	50
" "	50	60
" "	60	70
" "	70	80
" "	80	90
" "	90	100
" "	100	110
Gravel/Clay	110	115

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) north arrow

Landowner Name: _____

I HEREBY 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.

CHAD MATTOX UNR 8243 7/15/19 [Signature]
Print Name of Responsible Licensee and License No. Date Signature of Licensee



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: Tallahatchie
Permit #: GW-50658
Driller: CHAD MATTOX
Date completed: _____
Copy information from block on Part 1

For Office Use Only:
Well #: 0147
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>Sturdivant Family Partners</u>			Latitude: <u>33-49-3</u> Longitude: <u>90-14-47</u>		
Mailing Address: <u>PO Box 230</u>			Method of Lat/Long (select one): Conventional Survey <input type="radio"/> ,		
			USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>		
<u>Glendora</u>	<u>MS</u>	<u>08928</u>	SW <u>1/4</u> NE <u>1/4</u> , Sec <u>36</u> T <u>23N</u> R <u>01W</u>		
City	State	Zip Code			
Telephone No. (____) _____			6 Miles NE of Minter City (Distance) (Direction) (Nearest Town)		

Pump Type (select one)

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

Date Pump Installed: 5/25/2019 Rated Pump Capacity: 2500 Gallons Per Minute

Is This Pump (select one): New Repaired Replacement

Power Type (select one)

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

Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 2

Pump Test Data for Non Flowing Well

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

Static Water Level (A): 17 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 (select 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

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.

Chad H. Mattox UNR-8243 _____
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

(WEBB)



PHILIPP QUADRANGLE
MISSISSIPPI
TOPOGRAPHIC SERIES

(PAYNES)

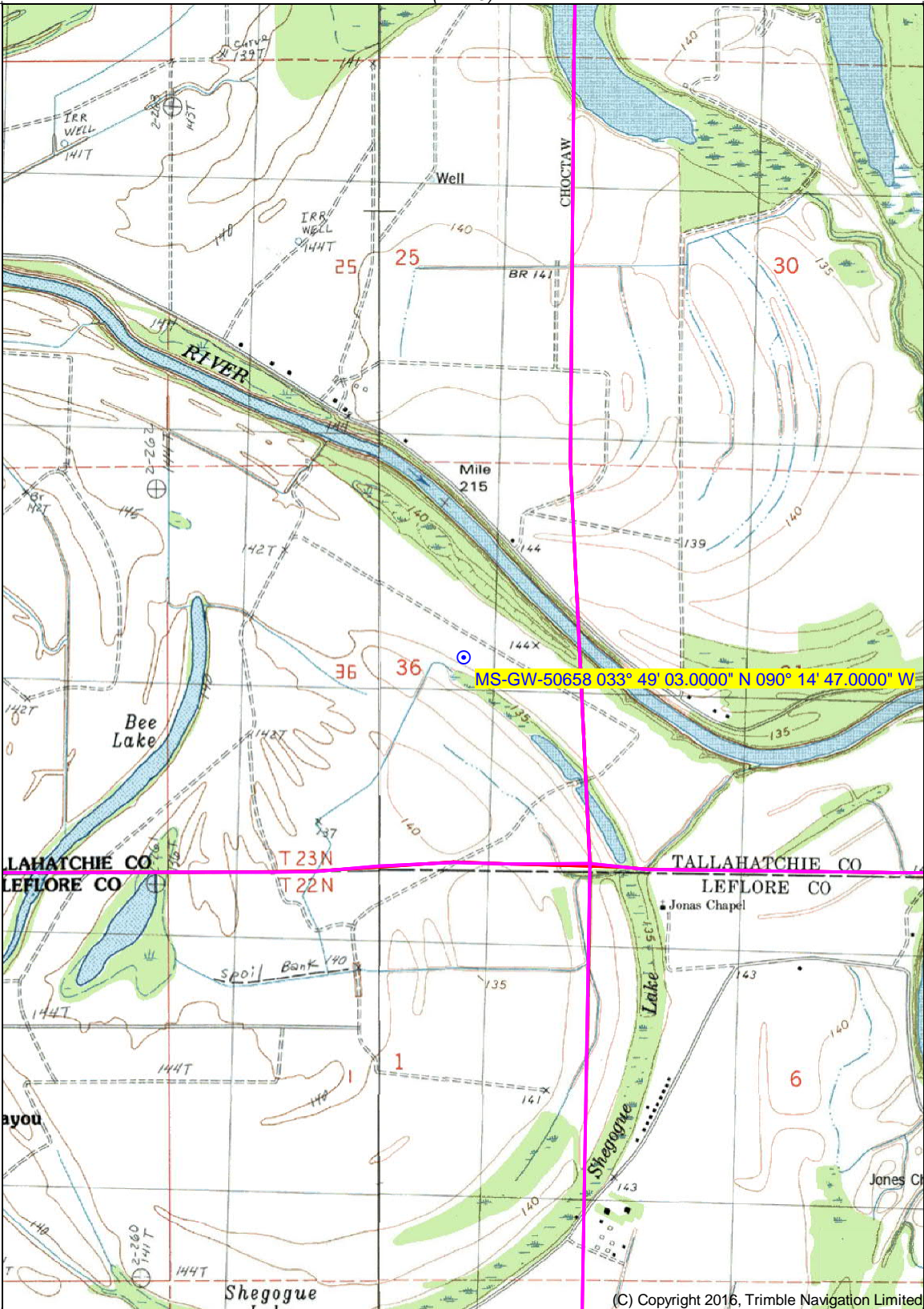
090° 15' 58.0635" W
033° 50' 26.6718" N

(TIPPO)

090° 13' 35.6127" W
033° 50' 26.6718" N

(GLENDDORA)

(CASCILLA)



MS-GW-50658 033° 49' 03.0000" N 090° 14' 47.0000" W

033° 47' 39.0364" N
090° 15' 58.0635" W

033° 47' 39.0364" N
090° 13' 35.6127" W

(SCHLATER)

(AVALON)

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000
Maps

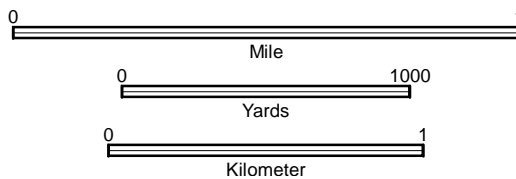
North American 1983 Datum (NAD83)

To place on the predicted North American
1927 move the projection lines 13M N and
8M W

Declination



(MONEY)
SCALE 1:24000



CONTOUR INTERVAL 5 FT

(C) Copyright 2016, Trimble Navigation Limited

33090-G2-TM-024
PHILIPP, MS
JAN 1, 1981



STATE Of MISSISSIPPI
Department Of Environmental Quality
Office Of Land And Water Resources
P.O.Box 2309
Jackson, Mississippi 39225

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 or lake level elevation (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-50658 Total Permitted Acreage: 141

Landowner Name: STURDIVANT FAMILY PARTNERS LP
Landowner Address: PO BOX 230

GLENDORA, MS 38928

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: SW 1/4 of the NE 1/4 Section: 36 Township: 23N Range: 01W

County: TALLAHATCHIE Quad: PHILIPP

Permitted Acreage: Irrigation: 141 Fish Culture: 0 Wildlife Management: 0

Maximum Volume: See Special Terms and Conditions (Attachment 1)

Applicant Name: DUE WEST FARM
Applicant Address: PO BOX 230

GLENDORA, MS 38928

Date Permit Issued: 01/11/2019

Date Permit Expires: 01/11/2024

Date Permit Modified:

Date Permit ReIssued:

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

SPECIAL TERMS AND CONDITIONS 1:

The permitted water volume must be reduced by the amount of water applied to the same acreage from other permitted point(s): GW-38360, GW-30359

SPECIAL TERMS AND CONDITIONS 2:

See Attachment I which is hereby declared part of this permit.

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