

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-50708
 Driller: CHAD MATTOX
 Date drilling completed: 6/15/19

For Office Use Only:
 Well #: Q52
 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 <i>(Landowner if borehole is not for a water well)</i>			Well or Borehole Location	
Owner Name: <u>JW Fennell, SR</u>			Latitude: <u>33-48-51</u>	Longitude: <u>90-7-22</u>
Mailing Address: <u>46 Front St</u>			Method of Lat/Long (check one): Conventional Survey <input checked="" type="radio"/>	
			USGS quad <input type="radio"/> Hand-held GPS <input type="radio"/> Survey-grade GPS <input type="radio"/>	
			NE <input type="radio"/> SE <input type="radio"/> Sec <u>31</u> T <u>23N</u> R <u>02E</u>	
<u>Philipp</u>	<u>MS</u>	<u>38950</u>	3 Miles N of Philipp	
City	State	Zip Code	(Distance) (Direction) (Nearest Town)	
Telephone No. (____) _____				

Well / Borehole Data

Date drilling started: 6/15/19 Date drilling completed: 6/15/19 Hole depth: 115 Hole diameter: 18"

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: 8 feet above / below land surface Date measured: 6/16/19
 (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: 10 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 10 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

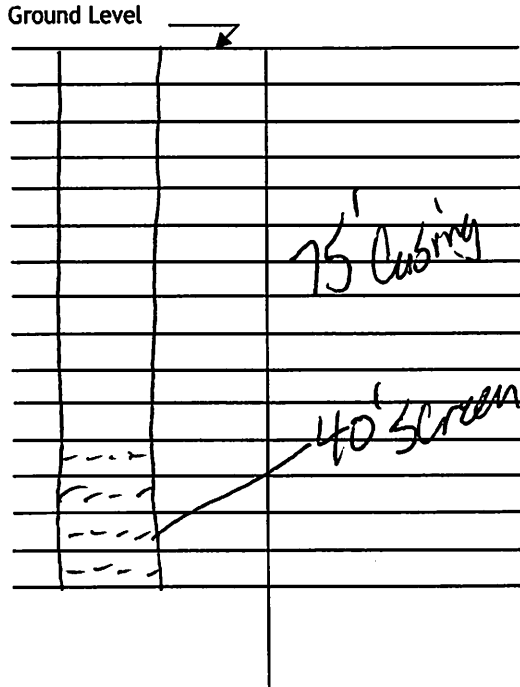


County: Tallahatchie
Permit #: GW-50708

For Office Use Only:
Well #: Q52

The sketch below only required for water wells

If well telescopes, show depths on sketch.



If more than one screen, show location of each 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)	To (depth)
Clay	Ground level	10
Clay Fine Sand	10	20
Sand	20	30
Gravel	30	40
	40	50
	50	60
	60	70
	70	80
	80	90
	90	100
	100	110
Gravel / Clay	110	120

- 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 7/10/19 [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)

For Office Use Only:

Well #: Q52
Aquifer:

County: Tallahatchie
Permit #: GW-50708
Driller: CHAD MATTOX
Date completed:
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: JW Fennell, SR, 46 Front St, Philipp MS 38950
Well Location: Latitude: 33-48-51, Longitude: 90-7-22, Method of Lat/Long: Conventional Survey, USGS quad NE 1/4 SE 1/4, Sec 31 T 23N R 02E, 3 Miles N of Philipp

Pump Type (select one): Submersible
Date Pump Installed: 06/16/2019, Rated Pump Capacity: 1000 Gallons Per Minute
Is This Pump (select one): New
Power Type (select one): Electric
Horse Power Rating of Motor: 15, Setting Depth: 70 feet, Number of Stages: 1

Pump Test Data for Non Flowing Well
Date Well Tested:
Duration of Pump Test (minimum 4 hours):
Static Water Level (A): 8 Feet Below Land Surface
Pumping Water Level (B):
Drawdown [(B) - (A)]:
Test Pumping Rate:
Method of measurement (select one): Steel tape

Pump Test Data for Flowing Well
Measured shut in head:
Well yielded GPM with a drawdown of feet after hours of pumping

Meter Installation
Meter Manufacturer: McCrometer, Meter Serial Number:
Meter Model Number/Name: MO306, Type of Meter:
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc):
Installation Date: 6/30/2019, Meter installed by: Triple M Irrigation
Is This Meter (circle one): New
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 7/10/19
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

(TIPPO)



090° 08' 32.9448" W
033° 50' 14.5755" N

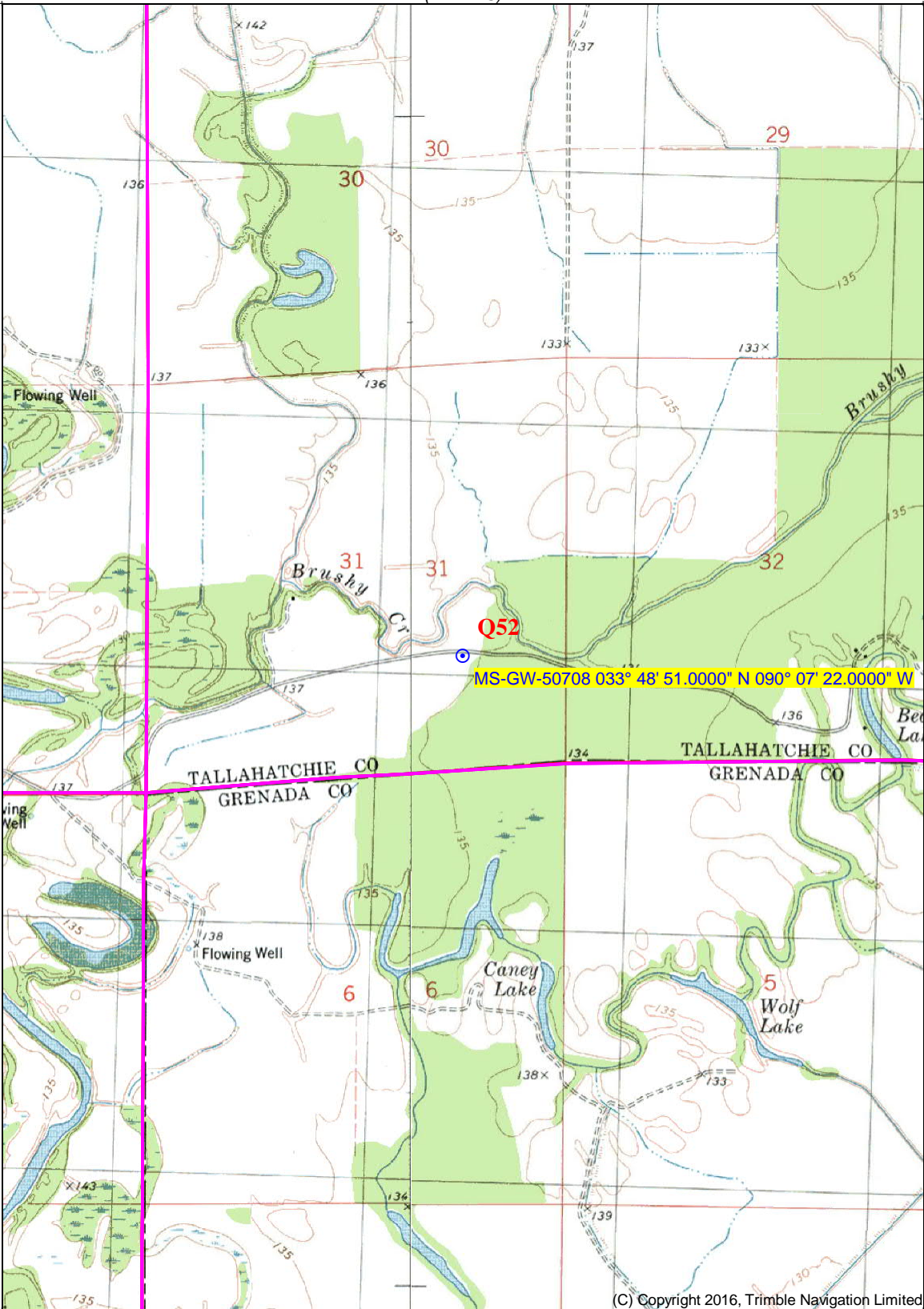
(PAYNES)

CASCILLA QUADRANGLE
MISSISSIPPI
TOPOGRAPHIC SERIES (TILLATOBA)

090° 06' 10.4997" W
033° 50' 14.5755" N

(PHILIPP)

(HOLCOMB)



(C) Copyright 2016, Trimble Navigation Limited

033° 47' 26.9401" N
090° 08' 32.9448" W

033° 47' 26.9401" N
090° 06' 10.4997" W

(MONEY)

(JEFFERSON)

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

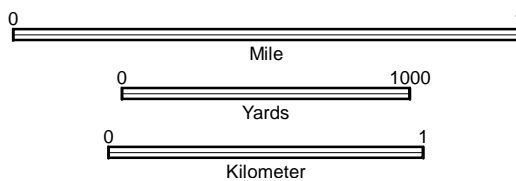
North American 1983 Datum (NAD83)

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

Declination



(AVALON)
SCALE 1:24000



CONTOUR INTERVAL 5 FT

33090-G1-TM-024
CASCILLA, 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-50708

Total Permitted Acreage: 70

Landowner Name: FENNEL SR, J W

Landowner Address: 46 FRONT STREET
PHILIPP, MS 38950

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION, WILDLIFE MANAGEMENT

Diversion/Withdrawal Location: NE 1/4 of the SE 1/4 **Section:** 31 **Township:** 23N **Range:** 02E

County: TALLAHATCHIE **Quad:** CASCILLA

Permitted Acreage: **Irrigation:** 70 **Fish Culture:** 0 **Wildlife Management:** 40

Maximum Volume: See Special Terms And Conditions (attachment I)

Applicant Name: FENNEL, KELLY

Applicant Address: 909 HIGHWAY 8
PHILIPP, MS 38950

Date Permit Issued: 04/01/2019

Date Permit Expires: 04/01/2024

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:

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




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