

134

STATE WELL REPORT

County: Sunflower
 Permit #: GW-50308 ✓
 Driller: Chad Mattox
 Date drilling completed: 3/23/18

Part I
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 #: E167
 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>MARY ELLEN SPENCER</u>	Latitude: <u>33 48 39</u> Longitude: <u>90 38 48</u>
Mailing Address: <u>1515 CARDINAL COVE</u>	Method of Lat/Long (check one): Conventional Survey _____
	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>GRENADA</u> <u>MS</u> <u>38901</u>	<u>NW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$, Sec <u>06</u> T <u>22N</u> R <u>04W</u>
City State Zip Code	<u>4.8</u> Miles <u>SE</u> of <u>MERIGOLD</u>
Telephone No. (<u>662</u>) <u>719-2922</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 3/23/18 Date drilling completed: 3/23/18 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 (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: 12 feet [above or below] land surface Date measured: 3/23/18
 (circle one)

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

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

Casing length: 75 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 48 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 60 feet to 90 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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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →

15	CASING
20	"
20	"
20	"
20	Screen
20	"

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)
TOP SOIL	Ground level	10
COURSE SAND	10	32
CLAY	32	43
MED SAND	43	68
MED SAND + pea gravel	68	82
MED SAND, pea gravel + gravel	82	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

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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 unk-8243
 Print Name of Responsible Licensee and License No.

9/1/18
 Date

[Signature]
 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 #: E167
Aquifer: _____

County: Sunflower
Permit #: GW-50308
Driller: Chad Mattox
Date completed: 3/23/18
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>Mary Ellen Spencer</u>	Latitude: <u>33 48 39</u> Longitude: <u>90 38 48</u>
Mailing Address: <u>1515 Cardinal Cove</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Grenada</u> <u>MS</u> <u>38901</u>	<u>NW 1/4 NE 1/4</u> , Sec <u>06</u> T <u>22N</u> R <u>04W</u>
City State Zip Code	<u>4.8</u> Miles <u>SE</u> of <u>Merigold</u>
Telephone No. (<u>662</u>) <u>719-2922</u>	(Distance) (Direction) (Nearest Town)

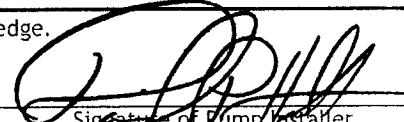
Pump Type (circle one)
Submersible Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
Date Pump Installed: 5-23-17 Rated Pump Capacity: 2200 Gallons Per Minute
Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)
Electric Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____
Horse Power Rating of Motor: _____ Setting Depth: _____ feet Number of Stages: _____

Pump Test Data for Non Flowing Well
Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours
Static Water Level (A): 12 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

Meter Installation
Meter Manufacturer: _____ Meter Serial Number: RECEIVED
Meter Model Number/Name: _____ Type of Meter: JUN 20 2018
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
Installation Date: _____ Meter installed by: BY OLWR
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 0-752P 6-18-18 
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer