

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)961-5555
(601)961-5228 (fax)

For Office Use Only:

Well # 90
Aquifer: _____
E-Log # 25

SEP 25 2017

BY OLWR

County: Pearl River
Permit #: _____
Driller: Ol Harrington
Date drilling completed: 8/24/17

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 <small>(Landowner if borehole is not for a water well)</small> | Well or Borehole Location |
|--|--|
| Owner Name: <u>Joe Garcia</u> | Latitude: <u>30.738069</u> Longitude: <u>-89.599012</u> <u>30-44-17</u> <u>89-35-56</u> |
| Mailing Address: <u>570 Beach Rd.</u> <u>Poplerville, MS 39460</u> | Method of Lat/Long (check one): Conventional Survey _____ USGS quad <input checked="" type="checkbox"/> , Hand-held GPS _____, Survey-grade GPS _____ <u>SE</u> <input checked="" type="checkbox"/> <u>SE</u> <input checked="" type="checkbox"/> <u>33</u> <input checked="" type="checkbox"/> <u>T 35</u> <input checked="" type="checkbox"/> <u>R 16W</u> |
| City _____ State _____ Zip Code _____ | <u>1</u> Miles <u>S</u> of <u>Poplarville</u> (Distance) (Direction) (Nearest Town) |
| Telephone No. (____) _____ | |

| Well / Borehole Data |
|--|
| Date drilling started: <u>8/24/17</u> Date drilling completed: <u>8/24/17</u> Hole depth: <u>120'</u> Hole diameter: <u>7"</u> |
| Location of the source of any surface water used for drilling: <u>Well</u> |
| Method of dosing and volume of Chlorine used in drilling and development: <u>1 gal / 1000 gal H₂O Flush</u> |
| Logs run (check all applicable): <input type="checkbox"/> log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____ |
| Name of organization running log(s): _____ |
| Purpose of borehole (check one): Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> <input type="checkbox"/> Seismic Survey Other (describe) _____ |
| <i>If drilling is not related to water well construction, skip the remainder of this block</i> |
| Purpose of Well (check all applicable): <input type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture |
| Other (describe): <u>FARM</u> |
| If a flowing well, method of flow regulation: Valve _____ Other (describe) _____ |
| Static Water Level: <u>62'</u> feet <input type="checkbox"/> above or <input checked="" type="checkbox"/> below land surface Date measured: <u>8/24/17</u> (check one) |
| Method of measurement (check one) <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____ |
| Well depth: <u>120'</u> Well grouted to a depth of: <u>10'</u> feet Type of grout (check one) <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix |
| Casing length: <u>110'</u> feet Casing diameter: <u>4"</u> inches Type of casing: <u>PVC</u> |
| Screen length: <u>10'</u> feet Screen diameter: <u>4"</u> inches Type of screen: <u>PVC</u> |
| Screen slot size: <u>.008</u> inches Setting depth: From <u>110'</u> feet to <u>120'</u> feet |
| Type of completion (check all applicable) <input type="checkbox"/> gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input checked="" type="checkbox"/> Natural Development |
| Other (describe): _____ |
| Top of lap pipe or reduction in casing: _____ feet |
| <i>If telescoped or more than one screen, describe on next page</i> |

CONFIDENTIAL

MEMORANDUM FOR THE DIRECTOR

Subject: [Illegible]

Date: [Illegible]

[Extremely faint and illegible body text, likely containing a memorandum or report.]

RECEIVED

SEP 25 2017

BY OLWR

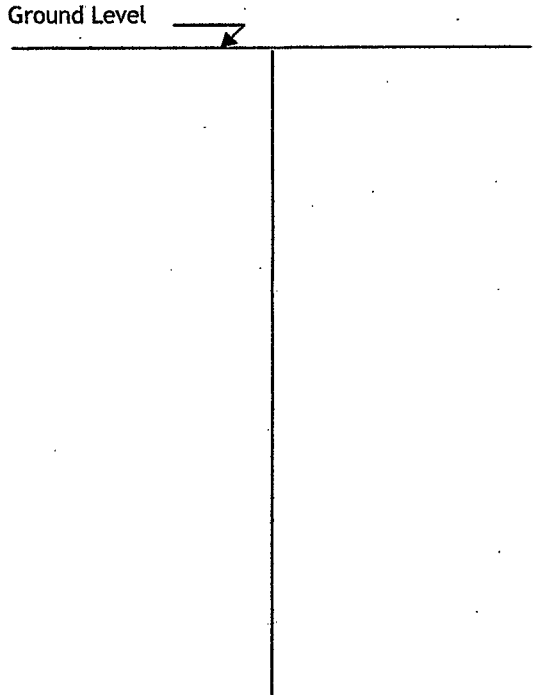
For Office Use Only:

Well #: 190

County: Pearl River
Permit #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch.

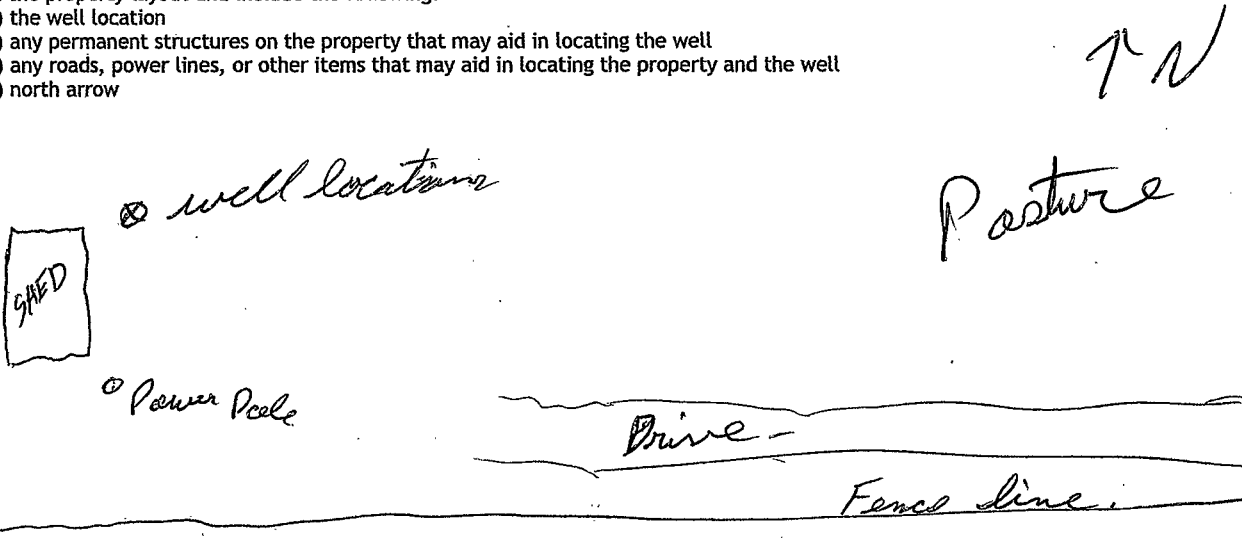


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

| Description of Formations Encountered | From (depth) | To (depth) |
|---------------------------------------|--------------|-----------------|
| | Ground level | |
| <i>Sandy loam</i> | <i>0</i> | <i>1'</i> |
| <i>red clay</i> | <i>1'</i> | <i>10'</i> |
| <i>white clay</i> | <i>10'</i> | <i>80'</i> |
| <i>tan sand med grain</i> | <i>80'</i> | <i>170' TD.</i> |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

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: Joe Garcia

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.

AL HARRINGTON 0-564 9/10/17 Al Harrington
Print Name of Responsible Licensee and License No. Date Signature of Licensee

RECEIVED

Google Maps

Joe Garcia well location

SEP 25 2017

BY OLIVER

↑ N TO POPLARVILLE



Imagery ©2017 Google, Map data ©2017 Google United States 100 ft

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)

RECEIVED

For Office Use Only:

Well #: SEP 25 2012 90

Aquifer: OLWR

County: Pearl River

Permit #: _____

Driller: AL Harrington

Date completed: 8/24/17

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>Joe Garcia</u> | | | <u>30-44-17</u> | <u>89-35-56</u> |
| Mailing Address: <u>570 Beach Rd. Papaizville, MS 39460</u> | | | Latitude: <u>30.738069</u> | Longitude: <u>-89.599012</u> |
| City | State | Zip Code | Method of Lat/Long (check one): Conventional Survey _____ | |
| Telephone No. () _____ | | | USGS quad <u>SE 1/4 SE 1/4, Sec 33 T 35 R 16W</u> | |
| | | | <u>7</u> Miles <u>S</u> of <u>Papaizville</u> | |
| | | | (Distance) (Direction) (Nearest Town) | |

Pump Type (check one)

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

Date Pump Installed: 8/24/17 Rated Pump Capacity: 20 Gallons Per Minute

Is This Pump (check one): New Repaired Replacement

Power Type (check one)

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

Horse Power Rating of Motor: 1HP Setting Depth: 90' feet Number of Stages: 20 GPM out

Pump Test Data for Non Flowing Well

Date Well Tested: 8/24/17 Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 62' Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: 790' Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute

Method of measurement (check 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 (check 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.

AL HARRINGTON 0-564 9/10/17 AL Harrington

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and change. From the first settlers to the present day, the nation has evolved through various stages of development. The early years were marked by exploration and the establishment of colonies. The American Revolution led to the birth of a new nation, and the subsequent years saw the expansion of territory and the growth of industry.

The American Civil War was a pivotal moment in the nation's history, as it resolved the issue of slavery and preserved the Union. Following the war, the United States emerged as a global power, and its influence grew significantly. The industrial revolution transformed the economy, and the nation became a leader in technological innovation.

The 20th century was a period of great change and challenge for the United States. World War I and World War II tested the nation's resolve and resources. The Cold War era saw a struggle for global dominance between the United States and the Soviet Union. The civil rights movement fought for equality and justice for all Americans.

The United States has always been a land of opportunity and freedom. Despite the challenges it has faced, the nation has remained resilient and has continued to grow and prosper. The American dream of a better life for all remains a guiding principle for the country.

The future of the United States is bright and full of potential. As the nation continues to evolve, it will face new challenges and opportunities. The American people are the heart of the nation, and their values and aspirations will shape the future.

The history of the United States is a testament to the power of the human spirit and the ability of a nation to overcome adversity. The story of the United States is a story of hope and progress, and it is a story that continues to inspire and guide the people of the world.