**✓** Well or

Latitude: 33.656642

## 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)

| 137        |           |
|------------|-----------|
| ,          |           |
| For Office | Use Only: |

Borehole Location

Longitude: \_\_-90.21242

| Well #: <u>E127</u> | _ |
|---------------------|---|
| 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.

County: Leflore, MS

USGS site name: MDS-04

Driller: Roland W Tollett (RMO-00009026)

Well Owner Information

(Landowner if borehole is not for a water well)

Date drilling completed: 12-1-2016

Permit #:

| Owner Name: Jon Bush (landowner)  | Latitude.  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| Mailing Address: USGS (driller) Metho   | Method of Lat/Long (check one): Conventional Survey, |  |  |  |  |  |
| 3095 W. California Ave  | quad, Hand-held GPS_X, Survey-grade GPS              |  |  |  |  |  |
| Ruston LA 71270 SW  | 14 NE 14, Sec 29 T 21 N R 01 E                       |  |  |  |  |  |
| City State Zip Code 1/2   | Miles NW of Money, MS                                |  |  |  |  |  |
| Telephone No. (318) 251-9630 (245-8639 cell) (Dista   | Miles NW of Money, MS (Nearest Town)                 |  |  |  |  |  |
| Well / Borehol  | e Data   |  |  |  |  |  |
| Date drilling started: 12-1-16 Date drilling completed: 12-1-1  | 6 Hole depth: 62 ft bls Hole diameter: 3.25 in       |  |  |  |  |  |
| Location of the source of any surface water used for drilling: <b>no</b>                                      | ne used  |  |  |  |  |  |
| Method of dosing and volume of Chlorine used in drilling and development: none used                           |  |  |  |  |  |  |
| Logs run (check <i>applicable</i> ): No log run Electric Gamma Ray Density Sonic Neutron Other:               |  |  |  |  |  |  |
| Name of organization running log(s):  |  |  |  |  |  |  |
| Purpose of borehole (check one): Water Well Geotechnical/   | Geological Investigation Ground Source Heat Pump     |  |  |  |  |  |
| Seismic Survey Other (describ   | 2)   |  |  |  |  |  |
| If drilling is not related to water well construc   | tion, skip the remainder of this block               |  |  |  |  |  |
| Purpose of Well (check all applicable): Home Industrial Pu  | olic Supply Irrigation Fish Culture 🗸 other          |  |  |  |  |  |
| Other (describe): monitoring well to study the alluvial aquifer system (USGS partnership with ARS USDA)       |  |  |  |  |  |  |
| If a flowing well, method of flow regulation: Valve Other (describe) MDS-4                                    |  |  |  |  |  |  |
| Static Water Level: 19.50 feet [ above or below] land surface Date measured: 1-30-2017 (check one)            |  |  |  |  |  |  |
| Method of measurement (check one) Steel tape Electric tape Air line Other (describe):                         |  |  |  |  |  |  |
| Well depth: 62 Well grouted to a depth of: 30 feet Type of grout (check one): ✓ Neat Cement ☐ Bentonite ☐ Mix |  |  |  |  |  |  |
| Casing length: <u>52</u> feet Casing diameter: <u>2</u> inches Type of casing: <u>PVC</u>                     |  |  |  |  |  |  |
| Screen length: 10feet Screen diameter: 2inches Type of screen: PVC  |  |  |  |  |  |  |
| Screen slot size: 0.010 inches Setting depth: From  | 52 feet to 62 feet                                   |  |  |  |  |  |
| Type of completion (check all applicable): ☐Gravel packed ☐ Underreamed ☐ Open hole ✔ Natural Development     |  |  |  |  |  |  |
| Other (describe):   |  |  |  |  |  |  |
| Top of lap pipe or reduction in casing: NA feet   |  |  |  |  |  |  |
| If telescoped or more than one screen, describe on next page  |  |  |  |  |  |  |

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

USGS site name: MDS-04

| County: Leflore, MS   |                           |                     | F  | or Office Use                           | Only:                 |
|---|---------------------------|---------------------|--|---|-----------------------|
| Permit #:   |                           |                     | Well #   | E127                                    |                       |
|   |                           |                     |  |   |                       |
| The sketch below only requi   | ired for water wells      | Description of for  | mations encountered                              | l must be provide                       | d for all wells       |
|   |                           | and boreholes, un   | less specifically exer                           | npted by regulation                     | ons                   |
| If well telescopes, show dep  | ths on sketch.            | Description of Form | nations Encountered                              | From (depth)                            | To (depth)            |
| Ground Level 134.5 ft   |                           | Description of Form | ideions Encountered                              | Ground level                            | 10 (deptii)           |
|   |                           |                     |  | *************************************** |                       |
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|   |                           |                     |  |   |                       |
|   |                           |                     |  |   |                       |
| If more than one screen, show le  | ocation of each on sketch | L                   |  |   |                       |
| 1) the well location 2) any permanent structures 3) any roads, power lines, of 4) north arrow                         |                           |                     | and the well                                     |   |                       |
| Landowner Name: Jon Bush, 1  I HEREBY CERTIFY that the were described in the Mississip if applicable, and state laws. | ell/borehole was drilled, | constructed, and co | —<br>mpleted in accordar<br>he Mississippi Depar | tment of Health                         | regulations,          |
|   |                           |                     | ROLAND TOLL                                      | Digitally signed I                      |                       |
| Roland W Tollett (RMO-00009026)   |                           | 02/28/2019          |  | Date: 2019.03.01                        | 15:09:46 -06'00'      |
| Print Name of Responsible Lic   | ensee and License No.     | Date                | Signatu  | re of Licensee                          | -SWR-1B ( <i>4/13</i> |



