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)

Latitude: 33.656646

135

| For Of | fice Use Only: |
|------------|----------------|
| Well #: _ | <u>E 125</u> |
| Aquifer: _ | |
| Falog #: | |

✓ Well or **Borehole Location**

Longitude: __-90.212264

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.

Leflore, MS

Driller: Roland W Tollett (RMO-00009026)

Owner Name: Jon Bush (landowner)

12-2-2016

Well Owner Information

(Landowner if borehole is not for a water well)

County:

Permit #:

Date drilling completed:

USGS site name: MDS-02

| Mailing Address: USGS (driller) | Method of Lat/Long (check one): Conventional Survey, | | | | | | |
|--|--|--|--|--|--|--|--|
| 3095 W. California Ave | USGS quad, Hand-held GPS_X, Survey-grade GPS | | | | | | |
| Ruston LA 71270 City State Zip Code Telephone No. (318) 251-9630 (245-8639 cell) | | | | | | | |
| Well / Borehole Data | | | | | | | |
| Date drilling started: 12-2-16 Date drilling completed: 12-2-16 Hole depth: 63 ft bls Hole diameter: 3.25 in | | | | | | | |
| Location of the source of any surface water used for drilling: none 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 (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 | | | | | | | |
| 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) | | | | | | | |
| Static Water Level: 19.69 feet [above or below] land surface Date measured: 1-30-2017 | | | | | | | |
| Method of measurement (check one) Steel tape Electric tape Air line Other (describe): | | | | | | | |
| Well depth: 63 Well grouted to a depth of: 30 feet Type of grout (check one): Neat Cement Bentonite Mix | | | | | | | |
| Casing length:feet | inches Type of casing: PVC | | | | | | |
| Screen length: 10 feet Screen diameter: 2 | inches Type of screen: PVC | | | | | | |
| Screen slot size: 0.010 inches Setting depth: | From 53 feet to 63 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 or | ne screen, describe on next page | | | | | | |

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

USGS site name: MDS-02

| Permit #: | | | | USGS site name: | |
|--|---|--|---|--|--|
| The sketch below only required for water wells If well telescopes, show depths on sketch. Ground Level 1346 ft Ground Level 1546 ft Description of formations encountered must be provided for a and boreholes, unless specifically exempted by regulations. Description of Formations Encountered From (depth) To (a Ground level) From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (a Ground level) Description of Formations Encountered From (depth) To (depth) To (depth) To (depth) T | County: Leflore, MS | | I | | Only: |
| ### And Service Control of Front Hammer Specifically exempted by regulations Front (depth) To (a Ground Level 134.6 ht 134. | Permit #: | | Well #: | <u>Elas</u> | ************************************** |
| Bescription of Formations Encountered From (depth) To (a Ground level | | Description of fa and boreholes, i | ormations encountered inless specifically exec | l must be provide npted by regulati | ed for all well ons |
| If more than one sercen, show location of each on sketch Setch 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 Andowner Name: Jon Bush, 1050 CR 558, Schlater, MS 38952 662-299-9997 HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable equirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regular fapplicable, and state laws. ROLAND TOLLETT TOURS | | Description of Fo | rmations Encountered | From (denth) | To (depth) |
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| MOIORA W. LOUOR (MMC) DDDDDDDC) | D. I. | | ROLAND TOLL | TOLLETT | - |
| Roland W Tollett (RMO-00009026) 02/28/2019 Date: 2019.03.01 15:00:12 - Print Name of Responsible Licensee and License No. Date Signature of Licensee | Roland W Tollett (RMO-00009026) Print Name of Responsible Licensee and License No. | 02/28/2019 Date | Signatu | | 15:00:12 -06'00' |

Signature of Licensee
Form: OLWR-SWR-1B (4/13)



