| County:     | Sunflower                 |
|-------------|---------------------------|
|             | GW-46075 ✓                |
|             | Irrigation Equipment      |
| Date drilli | ing completed: 05/22/2012 |

## 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
(601) 961-5210
(601) 961-5228 (fax)

|              | For Office Use Only: |
|--------------|----------------------|
| Aquifer:     | <u>+ 173</u>         |
| Well #:      |                      |
| L.S. Elevati | on:                  |
| 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.

| D                                       | epartment at the above address within 30 days                          | of completion of drilling of the well or borehole.            |
|---|--|---|
| (Lando)                                 | Information on Well Owner<br>wner if borehole is not for a water well) | Well or Borehole Location                                     |
| Owner Name                              | James Chandler   | Latitude: 33 ° 44 ' 43 " Longitude: 90 ° 28 ' 19 "            |
| Mailing Address:                        | 1183 Hwy 8   | Method of Lat/Long (check one): Conventional Survey,          |
|   |  | ☐ USGS quad,   ☐ Hand-held GPS,   ☐ Survey-grade GPS          |
|   | Ruleville Ms 38771   | NE ¼ SE ¼ Sec 26 ✓ Twn 22N ✓ Rng 3W                           |
|   | City State Zip code  | Distance Direction Nearest Town                               |
| Telephone No.                           | ( ) -  | 4 Miles Northeast of Ruleville                                |
|   | Well / Bo  | orehole Data  |
| Date drilling starte                    | d: 05/22/2012 Date drilling completed: 05/2                            | 22/2012 Hole depth: 127 Hole diameter: 24"                    |
|   | urce of any surface water used for drilling: Surface                   |   |
| Method of dosing                        | and volume of Chlorine used in drilling and developm                   | ent: 50 PPM   |
| Logs run (check al<br>Name of organizat | l applicable): 🛛 No log run 🔲 Electric 🔲 Gamma<br>ion running log(s):  | Ray Density Sonic Neutron Other:                              |
| Purpose of borehol                      | le (check one): 🛛 Water Well 🔲 Geotechnical                            | /Geological Investigation Ground Source Heat Pump             |
|   | Seismic Survey Other (a  | lescribe)   |
|   | If drilling is not related to water well co                            | nstruction, skip the remainder of this block                  |
| Purpose of Well (c                      | heck one) 🗌 Home 🔲 Industrial 🗎 Public Sup                             | pply 🛮 Irrigation 🗎 Fish Culture 🔲 Other:                     |
| If flowing, method                      | of flow regulation: Valve Other (des                                   | scribe)   |
| Static Water Level                      | feet above or below (check one) 🗆 lan                                  | i   |
| Method of Measure                       | ement (check one) 🛛 steel tape 🔲 electric tape [                       | ☐ air line ☐ other:   |
| Well depth: 127                         | Well grouted to a depth of feet  | Type of grout (check one): Neat Cement Bentonite Mix          |
| Casing length: _8                       | feet Casing diameter: 16   | inches Type of casing: PVC                                    |
| Screen length: 4                        | feet Screen diameter: 16   | inches Type of screen: PVC                                    |
| Screen slot size:                       | .050 inches Setting depth: From  | <b>88</b> feet to <b>127</b> feet                             |
| Type of completion                      | n (check all applicable): 🛛 Gravel packed 🔲 U                          | inderreamed    Telescoped    Open hole    Natural Development |
|   | Other (describe):  |   |
| Top of lap pipe or i                    | reduction in casing: feet. <u>If</u>                                   | telescoped or more than one screen, describe on next page     |

Form: OLWR-SWR-1A (04/08)

RECEIVED

JUN 1 3 2012

| The | sketch | below | only | required | for | water wells | Ē |
|-----|--------|-------|------|----------|-----|-------------|---|
|     |        |       |      |          |     |             |   |

| f well telescope | s. show depth | s on sketch. |
|------------------|---------------|--------------|
|                  |               |              |

| wen neiescopes, show | шерию | viii | JACK. |
|----------------------|-------|------|-------|
|                      | -     |      |       |
| Ground level         |       |      |       |
| Olomia ioioi         |       |      |       |

| Description of Formations Encountered | From (depth) |     |
|---------------------------------------|--------------|-----|
| Clay                                  | Ground level | 16  |
| Fine Sand                             | 17           | 27  |
| Fine Sand & Gravel                    | 28           | 44  |
| Medium Sand & Gravel                  | 45           | 127 |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |
|                                       |              |     |

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

If more than one screen, show location of each on sketch

| 4) a n         | orth arrow.    |  |
|----------------|----------------|--|
|                |                |  |
|                |                |  |
|                |                |  |
|                |                |  |
|                |                |  |
|                |                |  |
| andowner Name: | James Chandler |  |

Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

**Patrick Chism** 

0695 Print Name of Responsible Licensee and License No. 06/08/2012

Date

Signature of Licensee

RECEIVED

JUN 1 3 2012

BY: OLWR

## 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 (601) 961-5210 (601) 961-5228 (fax)

| For Office Use Only: |      |  |  |  |
|----------------------|------|--|--|--|
| Aquifer:             |      |  |  |  |
| Well #:              | F173 |  |  |  |
| Elevation:           |      |  |  |  |

Date drilling completed: 05/22/2012 Copy information from block on Part 1

Driller: Irrigation Equipment

County: Sunflower Permit #: **GW-46075** 

oll contractor or a licensed nump installer. A copy of Part 1 of the

| •                     | Well Owner Inforn      | nation                          | Well Location         |                                       |                    |
|-----------------------|------------------------|---------------------------------|-----------------------|---------------------------------------|--------------------|
| Owner Name: Jame      | es Chandler            |                                 | Latitude: 33 44'      | 43 N Longitude: 9                     | 0 28' 19 W         |
| Mailing Address: 11   | 83 Hwy 8               |                                 | Method of Lat/Long    | g (check one): Convent                | ional Survey,      |
| _                     |                        |                                 | USGS qua              | nd, 🛛 Hand-held GPS, 🗀                | ] Survey-grade GPS |
|                       | uleville               | Ms 38771                        | <u>NE</u> ¼ <u>SE</u> | ½ Sec <u>26</u> T <u>22</u>           | R 3W               |
| Cit                   | Ŋ                      | State Zip code                  | Distance              | Direction Nearest T                   | `own               |
| Telephone No. (       | ) -                    |                                 | 4 Miles               | Northeast of Ruleville                | <u>e</u>           |
|                       | Pump Type<br>Check one |                                 |                       | Power Type<br>Check one               |                    |
| ☐ Air Lift            | ☐ Jet                  | Submersible                     | Diesel Engine         | Gasoline Engine                       | Natural Gas        |
| Bucket                | ☐ Piston               | ☐ Turbine                       | Electric Motor        | Hand                                  | Tractor PTO        |
| Centrifugal           | Rotary                 | Flowing Well                    | ☐ Windmill            | Other (specify):                      |                    |
| Other (specify):      |                        |                                 | Horse Power Rating    |                                       |                    |
| Date Pump Installed:  | 05/23/2012             |                                 | Setting Depth: 80     | )                                     | feet               |
| Rated Pump Capacity   | 2300+/-                | Gallons Per Minute              | Number of Stages:     | 2                                     | <u> </u>           |
| <del></del>           | Pump Test Dat          | ia .                            | М                     | ethod of Measuring Water<br>Check one | Level              |
| Date Well Tested:     |                        |                                 | ☐ Air Line            | Electric Measuring Line               | Steel Tape         |
|                       |                        | Feet Below Land Surface         | Other (specify):      |                                       |                    |
| Pumping Water Level   | (B):                   | Feet Below Land Surface         |                       |                                       |                    |
| Drawdown [(B) - (A)]  | l:                     | Feet Below Land Surface         | For flowing well, me  | easured shut in head:                 | feet               |
| Test Pumping Rate: _  |                        | Gallons Per Minute              | İ                     | GP!                                   |                    |
| Duration of Pump Test | (minimum 4 hours):     | hours                           |                       | feet after                            | hours of pumping   |
| This is for (check    | cone): Nev             | w Well Replacen                 | nent of Existing Pump | Repair of Existing Pun                | пр                 |
| I HEREBY CERTIFY      | that the above statem  | nents are true to the best of m | y knowledge.          | )                                     | RECEIVE            |
| Patrick Chism         |                        | 0695                            | Hal                   |                                       |                    |
| Print Name of Pump    |                        |                                 |                       | Pump Installer                        | JUN 1 3 201        |

Form: OLWR-SWR-1C (07-09)