| •          |                           |           |  |
|------------|---------------------------|-----------|--|
| County:    | Humphreys                 |           |  |
| Permit #:  | GW-49250                  |           |  |
| Driller:   | Irrigation Equipment Inc. |           |  |
| Date drill | ing completed:            | 5-13-2015 |  |

## 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) 961-5210
(601) 360-0535 (fax)

| For      | Office Use Only: |  |
|----------|------------------|--|
| Well#:   | # 89             |  |
| Aquifer: |                  |  |
| E-Log #: |                  |  |
|          |                  |  |

ad Glad with th

| Well Owner Information (Landowner if borehole is not for a water well)  | pletion of drilling of the well or borehole.  Well or Borehole Location  |  |  |
|---|--|--|--|
| Owner Name: Phillip Holdeman  | Latitude: 33 19' 35.0" Longitude: 90 32' 49.2"  Method of Lat/Long (check one):   Conventional Survey,   |  |  |
| Mailing Address: 55 Four Mile Road  |  |  |  |
| vialing Address.  | ☐ USGS quad, ☑ Hand-held GPS, ☐ Survey-grade GPS   |  |  |
|   |  |  |  |
| Belzoni MS 39038 City State Zip code  | <u>NW</u> ¼ <u>NE</u> ¼, Sec <u>18</u> T <u>17N</u> R <u>3W</u>  |  |  |
| Telephone No  | Miles of Inverness   |  |  |
|   | (Distance) (Direction) (Nearest Town)  |  |  |
| Well / Bo   | orehole Data   |  |  |
| Date drilling started: 5-13-2015 Date drilling completed:   | 5-13-2015 Hole depth: 125 Hole diameter: 24  |  |  |
| ocation of the source of any surface water used for drilling:   | Surface Water  |  |  |
| Method of dosing and volume of Chlorine used in drilling and dev  | velopment: 50 PPM  |  |  |
| ogs run (check all applicable): M No log run 🗆 Flectric 🗆 Gan   | nma Ray  Density  Sonic  Neutron  Other:   |  |  |
|   |  |  |  |
| lame of organization running log(s):  |  |  |  |
| Purpose of borehole (check one):   Water Well   Geotec  | hnical/Geological Investigation  |  |  |
|   |  |  |  |
| ☐ Seismic Survey  | Other (describe)   |  |  |
| _ , <del>_</del>  | Wareham.   |  |  |
| If drilling is not related to water well co   | nstruction, skip the remainder of this block   |  |  |
| If drilling is not related to water well con  | nstruction, skip the remainder of this block   |  |  |
| If drilling is not related to water well con  | nstruction, skip the remainder of this block Public Supply ☑ Irrigation ☐ Fish Culture   |  |  |
| If drilling is not related to water well con  Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ I  ☐ Other (describe):  | nstruction, skip the remainder of this block Public Supply ☑ Irrigation ☐ Fish Culture   |  |  |
| If drilling is not related to water well con  Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ I  ☐ Other (describe):  f a flowing well, method of flow regulation: Valve  | nstruction, skip the remainder of this block  Public Supply ☑ Irrigation ☐ Fish Culture  ☐ Other (describe)  |  |  |
| If drilling is not related to water well con Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ I ☐ Other (describe):  If a flowing well, method of flow regulation: Valve  Static Water Level: 37 feet [☐ above or ☒ below (check one)  | Public Supply ☑ Irrigation ☐ Fish Culture  Other (describe)  Ow] land surface Date measured: 5-14-2015   |  |  |
| If drilling is not related to water well confurpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ In | Public Supply ☑ Irrigation ☐ Fish Culture  Other (describe)  ow] land surface Date measured: 5-14-2015  pe ☐ Air line ☐ Other: (describe)  |  |  |
| If drilling is not related to water well con  Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ II  ☐ Other (describe):  If a flowing well, method of flow regulation: Valve  Static Water Level: 37  | Public Supply Irrigation   Fish Culture  Other (describe)  ow] land surface Date measured: 5-14-2015  pe   Air line   Other: (describe)  et Type of grout (check one):   Neat Cement   Bentonite   Min   |  |  |
| If drilling is not related to water well configuration of Well (check all applicable): ☐ Home ☐ Industrial ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐  | Public Supply ☑ Irrigation ☐ Fish Culture  Other (describe)  ow] land surface Date measured: 5-14-2015  pe ☐ Air line ☐ Other: (describe)  et Type of grout (check one): ☐ Neat Cement ☒ Bentonite ☐ Mix inches Type of casing: PVC  |  |  |
| If drilling is not related to water well conformation of the purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ II☐ Other (describe): ☐ Home ☐ Industrial ☐ II☐ Other (describe): ☐ Feet [☐ above or ☒ belong (check one) ☐ II☐ ☐ II | Public Supply Irrigation   Fish Culture  Other (describe)  ow] land surface Date measured: 5-14-2015  pe   Air line   Other: (describe)  et Type of grout (check one):   Neat Cement   Bentonite   Minimum inches Type of casing: PVC  inches Type of screen: PVC                            |  |  |
| If drilling is not related to water well conformation of the purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ II☐ Other (describe): ☐ a flowing well, method of flow regulation: Valve ☐ above or ☒ below (check one) ☐ feet [☐ above or ☒ below (check one) ☐ Method of Measurement (check one) ☒ Steel tape ☐ Electric tax [☐ Well depth: ☐ Well grouted to a depth of: ☐ feet ☐ Casing diameter: ☐ feet ☐ Casing diameter: ☐ feet ☐ Screen length: ☐ feet ☐ Screen diameter: ☐ feet ☐ Screen slot size: ☐ feet ☐ Setting depth for ☐ feet ☐ Inches ☐ Setting depth feet ☐ Inches ☐ Inche | Public Supply ☑ Irrigation ☐ Fish Culture  Other (describe)  ow] land surface Date measured: 5-14-2015  pe ☐ Air line ☐ Other: (describe)  et Type of grout (check one): ☐ Neat Cement ☒ Bentonite ☐ Mix  inches Type of casing: PVC  inches Type of screen: PVC  : From 86 feet to 125 feet |  |  |
| If drilling is not related to water well control         Purpose of Well (check all applicable): ☐ Home ☐ Industrial   | Public Supply ☑ Irrigation ☐ Fish Culture  Other (describe)  ow] land surface Date measured: 5-14-2015  pe ☐ Air line ☐ Other: (describe)  et Type of grout (check one): ☐ Neat Cement ☒ Bentonite ☐ Mix  inches Type of casing: PVC  inches Type of screen: PVC  : From 86 feet to 125 feet |  |  |

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

| County: Humphreys Permit #: GW-49250  |  | For Offic                | e Use Only:                                      |
|---|--|--------------------------|--|
| The sketch below only required for water wells  | Description of formations end                                    | countered must be provi  | ided for all wells                               |
| If well telescopes, show depths on sketch.  | and boreholes, unless specifu                                    | cally exempted by regula | <u>ations</u>                                    |
|   | Description of Formations E                                      | ncountered From          | (depth) To (depth)                               |
| Ground level  | Clay   |                          | nd level 15                                      |
|   | Fine Sand  | 16                       | 25   |
|   | Med. Sand  | 26                       | 35   |
|   | Coarse Sand  | 36                       | 45   |
|   | Coarse Sand & Grav   |                          | 125  |
|   |  |                          |  |
|   |  |                          |  |
|   |  |                          |  |
| 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 ma 3) any roads, power lines, or other items that may aid 4) a north arrow |  | ne well                  |  |
| Landowner Name  |  | DE                       | C I I 2015                                       |
| Landowner Name:   |  |                          |  |
| I HEREBY CERTIFY that the well/borehole was drilled, corequirements of the Mississippi Department of Environme if applicable, and state laws.  0695   | onstructed, and completed in acontal Quality and the Mississippi | cordance with all appl   | : OLWR-SWR-1A (04/08)<br>licable<br>regulations, |
| Print Name of Responsible Licensee and License No.  | Date   | Signature of Lice        | ensee  |

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

### County: Humphreys Permit #: GW-49250 **Driller:** Irrigation Equipment Inc. Date drilling completed: 5-13-2015

# Part 2

STATE WELL REPORT

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

For Office Use Only: Aquifer:

Copy information from block on Part 1

Commissional bio Commis On A Diale Odd 040 0400 Commission Abit com

| (601)   | 360-0535 (fax)  |  |  |  |  |  |
|---|---|--|--|--|--|--|
| This part of the report must be completed by a licensed water we  | ll contractor or a licensed pump                                    | installer. A copy of Part 1  |  |  |  |  |
| of the report must be attached and both parts filed with the Depa   | rtment at the above address with                                    | in 30 days of well completion.   |  |  |  |  |
| Well Owner Information  | Wei   | Location   |  |  |  |  |
| Owner Name: Phillip Holdeman  | Latitude: 33 19' 35.0"  | Longitude: 90 32 49.2"   |  |  |  |  |
| Mailing Address: 55 Four Mile Road  | Method of Lat/Long (check on  | e):   Conventional Survey,   |  |  |  |  |
|   | ☐ USGS quad, ☑ Hand-held  | I GPS, ☐ Survey-grade GPS  |  |  |  |  |
| Belzoni MS 39038  | <u>NW</u> 1/4 <u>NE</u> 1/4, Sec <u>18</u> T <u>17N</u> R <u>3W</u> |  |  |  |  |  |
| City State Zip code   |   | _  |  |  |  |  |
| Telephone No. ( ) -   | (Distance) Miles (Direct  | of Inverness (Nearest Town)  |  |  |  |  |
| Damon Turn  | e (check one)   |  |  |  |  |  |
| •   | •   | l Other (deposits)   |  |  |  |  |
| ☐ Submersible ☑ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing W  |   |  |  |  |  |  |
|   |   | Gallons Per Minute   |  |  |  |  |
| Is This Pump (check one): New Repaired Replacement  | e (check one)   |  |  |  |  |  |
| -   |   |  |  |  |  |  |
| ☑ Electric ☐ Diesel ☐ Gasoline ☐ Natural Gas ☐ Tractor PTO  |   |  |  |  |  |  |
| Horse Power Rating of Motor: 60 Setting Depth:  | feet Nu   | ımber of Stages: 1   |  |  |  |  |
| Pump Test Data f  | or Non Flowing Well   |  |  |  |  |  |
| Date Well Tested: Duration of Pump Test (minimum 4 hours): Hours  |   |  |  |  |  |  |
| Static Water Level (A): 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 (check one): ☐ Steel tape ☐ Electric tape ☐ Air line ☐ Other (describe):  |   |  |  |  |  |  |
| Pump Test Dat   | a for Flowing Well  |  |  |  |  |  |
| Measured shut in head: Feet   |   |  |  |  |  |  |
| Well yielded GPM with a drawdown of   | feet after  | hours of pumping   |  |  |  |  |
| Meter Installation  |   |  |  |  |  |  |
| Meter Manufacturer: McCrometer  | Meter Serial Number: 15-  | -05271   |  |  |  |  |
| Meter Model Number/Name: M0310  | Type of Meter:  | A Control of the Cont |  |  |  |  |
| Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 100   | 0, etc):  | 3 7 5013   |  |  |  |  |
| Installation Date: Meter installed by:  |   | UEC SANGE  |  |  |  |  |
| 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.  |   |  |  |  |  |  |
| 0695  | 12-8-2015   | lecc   |  |  |  |  |
| Print Name of Pump Installer and License No. (if applicable)  | Date  | Signature of Pump Installer  |  |  |  |  |
|   |   | Form: OLWR-SWR-1B (4/13)   |  |  |  |  |