| max GW-46996 | Permit # GW-46 Driller: Irrigation | 996 / on Equipment | Part 1 – D Mississippi Department | riller's Log | Aquifer: |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------|------------------------------------------|--------------------------------------------|--------------------------------------------------|
| mm** GW-46996 Mississippi Department of Environmental Quality Office of Land and Water Resources Wate* L: 2.2.8 atter Irrigation Equipment P.O. Box 2309 Exerce of Land and Water Resources Exerce of Land and Water Resources atter 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. Information on Well Owner (Landowner if borehole is not for a water well) Well or Borehole Location wwer Name Helena Plantation Inc. Latitude: 32 ° 57 ′ 42 ″ Longitude: 90 ° 52 ′ 56 Aniling Address: P.O. Box 247 Method of Lat/Long (check one) Conventional Survey; USGS quad, Stata-bled GPR, State Zip code NE ′ NE ′ Sec 23 ′ Twn 13 N ′ Rng 7 W Origin started 94(09/2013) Date drilling completed: 94/09/2013 Hole depth: 125 Hole diameter: 24″ ocation of the source of any surface water used for drilling: Surface Water So PPM Other: ocation of the source of any surface water used for drilling of Concentration, skip the remainder of this Mock Image: 120 mm Image: 120 mm origin a water well Order (describe) Gontariation: Name [ge]; Image: 120 mm Image: 120 mm | ermit #. GW-46 miller: Irrigation sate drilling completed | 996 / on Equipment | Mississippi Department | 0 | Aquitor. |
| atter Irrigation Equipment DOffice of Land and Water Resources 1.3 Envator ac driling completed: 04/09/2013 December 2019 1.3 Envator ac driling completed: 04/09/2013 State Low 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 completion of drilling of the well or borehole. Information on Well Owner Well or Borehole Location (Landowner if borehole is stoff or a water well) were reading completion of drilling of the well or borehole. Information on Well Owner (Landowner if borehole Location (Landowner if borehole Comment if borehole Completion of drilling of the well or borehole. Information on Well Owner (Landowner if borehole Comment is store of any surface water used for drilling completed: 90 % 52 * 55 Rotting Fork Ms 39159 NE K NE K NE K NE K NE K Nearest Town | miller: Irrigation | on Equipment | | of Environmental Auglity | <u>^ ^ ^ ^ ^ 7 ^ 7 7 7 7 7 7 7 7 7 7 7 7 7</u> |
| niter P.O. Box 2309 I.S. Electades set duling complexet 04/09/2013 Jackson, M.S. 39225 Kop # set duling complexet 04/09/2013 Jackson, M.S. 39225 Kop # 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. Information on Well Owner (Landowner if borehole is not for a water well) Well or Borehole Location waver Name Helena Plantation Inc. Latitude: 32 ° 57 ′ 42 ° Longitude: 90 ° 52 ′ 56 Mailing Address: P.O. Box 247 USGS quad, S Hand-held CPS, Survey-grade CPS Rolling Fork Ms 39159 State Zip code City State Zip code Distance Distance Well / Borehole Data Well / Borehole Data wate drilling started 94/09/2013 Date drilling and development: 30 PPM Other: cate drilling started 94/09/2013 Date drilling and development: 30 PPM Other: action of the source of any surface water used for drilling: Surface Water Other (describe) gis an of capazitation running log(5): Yee of Connun Kang (6) Yee of Connun Kang (6) <tr< td=""><td>ate drilling completed</td><td></td><td>Untice of Land at</td><td></td><td>Well #:</td></tr<> | ate drilling completed | | Untice of Land at | | Well #: |
| (601) 961-5210 (601) 961-5228 (fax) 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 borchole. Information on Well Owner (Landowner if borehole is not for a water well) When Plantation Inc. Aniling Address: P.O. Box 247 Balling Fork Ms 2019 City State Zip code NE Well / Borchole Data Outcode of the source of any surface water used for drilling. Surface Water Gamma Randow of Chorne used in drilling and development. Sorrhole Data Well / Borchole Data Well / Borchole Data Outcod for drilling. Surface Water Gamma of oppnizzation running log(5) warps of borchole (check one) Sistamic Survey Other (describe) Iame of oppnizzation running log(5) warps of borchole (check one) Sistamic Survey Other (describe) Iame of oppnizzation running log(5) | | | | | L.S. Elevation: |
| (601) 961-5210 (201) 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 work on borehole. Information on Well Owner (Landowner if borehole is not for a water well) When YName Helens Plantation Inc. (Landowner if borehole is not for a water well) Water Name Helens Plantation Inc. (Landowner if borehole is not for a water well) Water Name Helens Plantation Inc. (Landowner if borehole is not for a water well) Water Name Helens Plantation Inc. (Landowner if borehole is not for a water well) Water Name Method of Lat/Long (check one) City State Zip code City State Vell / Borehole Data State drilling started: 04/09/2013 Date drilling completic: 04/09/2013 Hole damiter: 24" Action of dusing and volume of Chorine used for chiling: Surface Water Kethod of dosing and volume of Chorine used for chiling: Surface Water Action of dusing and volume of C | | £ 04/09/2013 | Jackson, | MS 39225 | E-log # |
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| Department at the above address within 30 days of completion of drilling of the well or borchole. Information on Well Owner (Landowner if borchole is not for a water well) Well or Borchole Location Well or Borchole Location Well or Borchole Location dailing Address: P.O. Box 247 Latitude: 32 ° 57 ′ 42 ° Longitude: 90 ° 52 ′ 56 Method of Lat/Long (check one) Conventional Survey, Balance Conventional Survey, USOS quad. Conventional Survey, Barrey, grade GPS Ralling Fork Ms 39159 State Zip code NE ′ 4 NE ′ 4 Sec 23 ′ Twn 13 N ′ Rug 7W City State Zip code JMiles West of Anguilla Oction of the source of any surface water used for drilling: Surface Water Anguilla Action of the source of any surface water used for drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld (or drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld for drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld for drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld for drilling: Surface Water <t< td=""><td></td><td></td><td>(601) 961</td><td>I-5228 (fax)</td><td></td></t<> | | | (601) 961 | I-5228 (fax) | |
| Department at the above address within 30 days of completion of drilling of the well or borchole. Information on Well Owner (Landowner if borchole is not for a water well) Well or Borchole Location Well or Borchole Location Well or Borchole Location dailing Address: P.O. Box 247 Latitude: 32 ° 57 ′ 42 ° Longitude: 90 ° 52 ′ 56 Method of Lat/Long (check one) Conventional Survey, Balance Conventional Survey, USOS quad. Conventional Survey, Barrey, grade GPS Ralling Fork Ms 39159 State Zip code NE ′ 4 NE ′ 4 Sec 23 ′ Twn 13 N ′ Rug 7W City State Zip code JMiles West of Anguilla Oction of the source of any surface water used for drilling: Surface Water Anguilla Action of the source of any surface water used for drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld (or drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld for drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld for drilling: Surface Water Hole diameter: 24" Action of the source of any surface water weld for drilling: Surface Water <t< th=""><th>S</th><th>tate Law requires that</th><th>this report be prepared b</th><th>y the license holder responsib</th><th>le for the work and filed with the</th></t<> | S | tate Law requires that | this report be prepared b | y the license holder responsib | le for the work and filed with the |
| (Landowner if borehole is not for a vater well) Writer Name Helena Plantation Iac. failing Address: P.O. Bos 247 | <u> </u> | | | of completion of drilling of the | he well or borehole. |
| www.r Name Helena Plantation Inc. tailing Address: P.O. Box 247 | | | | Well or | Borehole Location |
| Aniling Address: P.O. Box 247 Method of Lat/Long (check one): Conventional Survey, Balance Balance Rolling Fork Ms State Zip code NE NE NE NE Miles West Of Anguilla Distance Direction Nearest Town 3 Miles West of Anguilla Distance Direction Nearest Town | (Lando | wner if borehole is not | for a water well) | | |
| Image: Note: Image: | wner Name | Helena Plantation Ir | IC. | Latitude: <u>32</u> ° <u>57</u> ' <u>4</u> | 2 " Longitude: <u>90</u> ° <u>52</u> ' <u>56</u> |
| Rolling Fork Ms 39159 City State Zip code Distance Direction Nearest Town "elephone No. | Mailing Address: | P.O. Box 247 | | Method of Lat/Long (check one | e): Conventional Survey, |
| City State Zip code Distance Direction Nearest Town elephone No. | | | | | |
| City State Zip code Distance Direction Nearest Town celephone No. | | Rolling Fork | Ms 39159 | NE 1/4 NE 1/4 Sec | 23 Twn <u>13 N</u> Rng <u>7 W</u> |
| Well / Borehole Data Well / Borehole Data Date drilling started: 04/09/2013 Date drilling completed: 04/09/2013 Hole depth: 125 Hole diameter: 24" | | | | | |
| Date drilling started: 04/09/2013 Date drilling completed: 04/09/2013 Hole depth: 125 Hole diameter: 24" Acthod of dosing and volume of Chlorine used in drilling: Surface Water 50 PPM | Felephone No. | () - | | Miles Wes | t of Anguilla |
| Date drilling started: 04/09/2013 Date drilling completed: 04/09/2013 Hole depth: 125 Hole diameter: 24" Acthod of dosing and volume of Chlorine used in drilling: Surface Water 50 PPM | | · · · · · · · · · · · · · · · · · · · | Well / R | lorehole Data | |
| | | | | | |
| Method of dosing and volume of Chlorine used in drilling and development: 50 PPM |)ate drilling start | ed: 04/09/2013 D | ate drilling completed: 04/ | 09/2013 Hole depth: <u>12</u> | Hole diameter: 24" |
| logs run (check all applicable): No tog run Electric Gamma Ray Density Sonic Neutron Other: lame of organization running log(s): | ocation of the sc | surce of any surface water | used for drilling: Surface | e Water | |
| fame of organization running log(s): Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump Seismic Survey If drilling is not related to water well construction, skip the remainder of this block turpose of Well (check one) Home Industrial Public Supply I' flowing, method of flow regulation: Valve Other (describe) (flowing, method of flow regulation: Valve Other (describe) (describe) (attaic Water Level: 14 (feet above or below (check one) I land Surface Date measured: 04/10/2013 (describe) (describe) (vell depth: 125 Well grouted to a depth of 10 feet Type of grout (check one): Neat Cement Bentonite Mix Nix PVC (creen length: 40 feet Casing diameter: 16 inches Setting depth: From: OLWR-SWR-1A (04) Form: OLWR-SWR-1A (04) | Aethod of dosing | and volume of Chlorine u | sed in drilling and developm | nent: 50 PPM | |
| □ Seismic Survey □ Other (describe) If drilling is not related to water well construction, skip the remainder of this block hurpose of Well (check one) □ Home □ Industrial □ Public Supply □ Irrigation □ fish Culture □ Other: □ fish cult | lame of organiza | tion running log(s): | | | |
| If drilling is not related to water well construction, skip the remainder of this block hurpose of Well (check one) Home Industrial Public Supply Irrigation Fish Culture Other: if flowing, method of flow regulation: Valve Other (describe) | urpose of boreho | ele (check one): 🛛 Wat | er Well 🔲 Geotechnica | al/Geological Investigation | Ground Source Heat Pump |
| Purpose of Well (check one) Home Industrial Public Supply Irrigation Fish Culture Other: If flowing, method of flow regulation: Valve Other (describe) | | Seis | mic Survey 🗌 Other (| (describe) | |
| If flowing, method of flow regulation: ValveOther (describe) | | If drilling is n | o <mark>t related to water well</mark> c | onstruction, skip the remaind | er of this block |
| tatic Water Level: 14 feet above or below (check one) □ land ⊠ surface Date measured: 04/10/2013 Method of Measurement (check one) ⊠ steel tape □ electric tape □ air line □ other: Well depth: 125 Well grouted to a depth of 10 feet Type of grout (check one): □ Neat Cement ⊠ Bentonite □ Mix Casing length: 85 feet Casing diameter: 16 inches Type of casing: PVC Green length: 40 feet Screen diameter: 16 inches Type of screen: PVC Kereen slot size: .050 inches Setting depth: From 86 8.5 feet to 12.5 feet Cype of completion (check all applicable): ⊠ Gravel packed □ Underreamed Telescoped Open hole □ Natural Developme □ Other (describe): | urpose of Well (| check one) 🔲 Home | 🗇 Industrial 📋 Public Su | apply 🛛 Irrigation 📋 Fish Cu | lture 🔲 Other: |
| Method of Measurement (check one) Steel tape electric tape air line other: Vell depth: 125 Well grouted to a depth of 10 feet Type of grout (check one): Neat Cement Bentonite Mix Vell depth: 125 feet Casing diameter: 16 inches Type of casing: PVC creen length: 40 feet Screen diameter: 16 inches Type of screen: PVC creen slot size: .050 inches Setting depth: From 26 85 feet to 125 feet 'ype of completion (check all applicable): Inches Setting depth: From 26 85 feet to 125 feet 'op of lap pipe or reduction in casing: | flowing, metho | d of flow regulation: Value | other (de | escribe) | |
| Well depth: 125 Well grouted to a depth of10 feet Type of grout (check one): □ Neat Cement ⊠ Bentonite □ Mix Casing length: 85 feet Casing diameter: 16 inches Type of casing: PVC creen length: 40 feet Screen diameter: 16 inches Type of screen: PVC creen slot size: .050 inches Setting depth: From <u>86 8.5</u> feet to <u>125</u> feet Cype of completion (check all applicable): © Gravel packed □ Underreamed □ Telescoped □ Open hole □ Natural Developme Cop of lap pipe or reduction in casing: Form: OLWR-SWR-1A (04) | tatic Water Leve | 1: 14 feet above | or below (check one) | and 🛛 surface Date measured | 04/10/2013 |
| asing length: 85 feet Casing diameter: 16 inches Type of casing: PVC creen length: 40 feet Screen diameter: 16 inches Type of screen: PVC creen slot size: .050 inches Setting depth: From 26 8.5 feet 125 feet ype of completion (check all applicable): Image: Cravel packed Image: | fethod of Measu | rement (check one) 🛛 🛛 | teel tape 🔲 electric tape | air line 🔲 other: | |
| 40 feet Screen diameter: 16 inches Type of screen: PVC creen slot size: .050 inches Setting depth: From 36 85 feet to 125 feet ype of completion (check all applicable): Image: Cravel packed Image: Underreamed Telescoped Open hole Natural Developme Image: Other (describe): Image: Cravel packed | /ell depth: 125 | Well grouted to a | depth of <u>10</u> feet | Type of grout (check one): |] Neat Cement 🛛 Bentonite 🗌 Mix |
| creen slot size: inches Setting depth: From <u>86 85</u> feet to <u>125</u> feet feet | asing length: | 85 feet C | asing diameter: 16 | inches Type of c | asing: PVC |
| ype of completion (check all applicable): Gravel packed Underreamed Telescoped Open hole Natural Developme Other (describe): op of lap pipe or reduction in casing: Form: OLWR-SWR-1A (04 | creen length: | 40 feet S | creen diameter: 16 | inches Type of s | creen: PVC |
| Other (describe): Other (describe): fop of lap pipe or reduction in casing: Form: OLWR-SWR-1A (04 | | .050 inch | es Setting depth: From | <u>86 85</u> feet to <u>1</u> | 25 feet |
| Top of lap pipe or reduction in casing: feet. If telescoped or more than one screen, describe on next page Form: OLWR-SWR-1A (04 | creen slot size: | | 🛛 Gravel packed 🗌 | Underreamed 🗌 Telescoped | Open hole Natural Developme |
| Form: OLWR-SWR-1A (04 | | on (check all applicable): | | | |
| Form: OLWR-SWR-1A (04 | | on (check all applicable): | Other (describe): | | |
| RECENT | Гуре of completion | | | | |
| | Type of completion | | | | |

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BY: OLWR

APR 1 8 2013

BY: OLWR

The sketch below only required for water wells

If well telescopes, show depths on sketch.

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Ground level

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

| Description of Formations Encountered | From (depth) | |
|----------------------------------------------------------------------------------------------------------------|--------------|----------|
| Clay | Ground level | 35 |
| Brown Sand | 36 | 45 |
| Fine Sand | 46 | 55 |
| Course Sand | 56 | 75 |
| Course Sand & Gravel | 76 | 125 |
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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) a north arrow. Landowner Name: **Helena Plantation Inc.** Form: OLWR-SWR-1A (04/08) I 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 Mealth regulations, if applicable, and state laws. 04/16/2013 0695 **Patrick Chism** RECEIVED Print Name of Responsible Licensee and License No. Date Signature of Licensee

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STATE WELL REPORT

| County: | Sharkey | |
|------------|----------------|---------------|
| Permit #: | GW-46996 | |
| Driller: | Irrigation | Equipment |
| Date drill | ing completed: | 04/09/2013 |
| | | block on Part |

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

| | For Office Use Only: |
|-----------|----------------------|
| Aquifer: | |
| Well #: | 0228 |
| Elevation | - |
| | |

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.

(601) 961-5228 (fax)

| Well Owner Information | | Well Location | | |
|----------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------|--|--|
| Owner Name: Helena Plantation Inc. | | Latitude: 32 57' 42.5 N Longitude: 90 52' 56.4 W | | |
| Mailing Address: P.O. Box 247 | | Method of Lat/Long (check one): Conventional Survey, | | |
| | | USGS quad, 🛛 Hand-held GPS, 🗌 Survey-grade GPS | | |
| Rolling Fork | Ms 39159 | NE 1/4 NE 1/4 Sec 23 T 13 N R 7 W | | |
| City | State Zip code | Distance Direction Nearest Town | | |
| Telephone No. () - | | 3 Miles West of Anguilla | | |
| Pump Type Check one | | Power Type 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 of Motor: 60 | | |
| Date Pump Installed: 04/10/2013 | | Setting Depth: 70 feet | | |
| Rated Pump Capacity 2500+/- | Gallons Per Minute | Number of Stages: 1 | | |
| Pump Test Data | | Method of Measuring Water Level Check one | | |
| Date Well Tested: | | Air Line Electric Measuring Line Steel Tape | | |
| Static Water Level (A): | Feet Below Land Surface | Other (specify): | | |
| Pumping Water Level (B): | Feet Below Land Surface | | | |
| Drawdown [(B) - (A)]: | Feet Below Land Surface | For flowing well, measured shut in head: | | |
| Test Pumping Rate: | Gallons Per Minute | Well yielded GPM with a drawdown of | | |
| Duration of Pump Test (minimum 4 hours): | hours | feet after hours of pumping | | |
| This is for (check one): New Well Replacement of Existing Pump Repair of Existing Pump | | | | |
| I HEREBY CERTIFY that the above statemen | | | | |
| Patrick Chism Print Name of Pump Installer and License N | 0695 lo. (if applicable) | Signature of Pump Installer APR 1 8 2013 | | |
| | | Form: OLWR-SWR-1C (07-09) BY: OLWF | | |

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Google earth miles 1

APR 1 8 2013 BY: OLWR