| County:   | Sharkey        |            |
|-----------|----------------|------------|
| Permit #: | GW-47943       | 3          |
|           | Irrigation Ed  |            |
|           | ing completed: | 04/03/2014 |

## 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 #:  | C241             |
| Aquifer: | <del>,</del>     |
| E-Log #: |                  |
|          |                  |

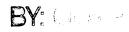
| Department at the above address within 30 days of con                  |  |
|--|--|
| Well Owner Information (Landowner if borehole is not for a water well) | Well or Borehole Location  |
| Owner Name: Carter Brothers Inc  | Latitude: 32 56' 43.9 N Longitude: 90 53' 25.9 W                       |
| Mailing Address: P.O. Box 458  | Method of Lat/Long (check one):   Conventional Survey,                 |
|  | ☐ USGS quad, ☑ Hand-held GPS, ☐ Survey-grade GPS                       |
| Rolling Fork Ms 39159  | SE 1/4 NW 1/4, Sec 26 T 13 N R 7 W                                     |
| City State Zip code  | 2 Miles North of Rolling Fork  |
| Telephone No   |  |
| Well / B   | orehole Data   |
| Date drilling started: 04/03/2014 Date drilling completed:             | 04/03/2014 Hole depth: 126' Hole diameter: 18"                         |
|  | Surface Water  |
| ·  |  |
| Method of dosing and volume of Chlorine used in drilling and de        |  |
| Logs run (check all applicable):   No log run ☐ Electric ☐ Gal         | mma Ray Density Sonic Neutron Other:                                   |
| Name of organization running log(s):                                   |  |
| Purpose of borehole (check one):   Water Well Geotec                   | chnical/Geological Investigation                                       |
| ☐ Seismic Survey   | Other (describe)   |
| ·  | onstruction, skip the remainder of this block                          |
| Purpose of Well <i>(check all applicable)</i> : ☐ Home ☐ Industrial ☐  |  |
| Other (describe):  |  |
| If a flowing well, method of flow regulation: Valve                    | Other (describe)   |
| Static Water Level: 20' feet [☐ above or ☒ bel (check one)             | low] land surface Date measured: 04/21/2014                            |
| Method of Measurement (check one) ☑ Steel tape ☐ Electric to           | ape  Air line  Other: (describe)                                       |
| Well depth: 126' Well grouted to a depth of: 10' fe                    | eet Type of grout <i>(check one)</i> : ☐ Neat Cement ☒ Bentonite ☐ Mix |
| Casing length: 86' feet Casing diameter: 10                            | inches Type of casing: PVC   |
| Screen length: 40' feet Screen diameter: 10                            | inches Type of screen: PVC   |
| Screen slot size:050 inches Setting depth                              | n: From <b>87'</b> feet to <b>126'</b> feet                            |
| Type of completion (check all applicable): ⊠ Gravel packed 🔲           | Underreamed ☐ Open hole ☐ Natural <del>Qevelopment</del>               |
| Other (describe):  | # Espera has the Comment of the Source has                             |
| Top of lap pipe or reduction in casing: Feet                           |  |
| If telescoped or more than o   | ne screen, describe on next page                                       |

Famo manifed by Famo On & Diele 044 040 0400 Famo On & Diele 144 040 0400

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

|  | _  | D 000                    |                  |
|--|--|--------------------------|------------------|
|  |  | For Office Us            |                  |
| County: Sharkey  | We   | #: <u>24</u>             | 1                |
| Permit #: GW-47943   |  |                          |                  |
|  |  |                          |                  |
| The sketch below only required for water wells   | Description of formations encounte<br>and boreholes, unless specifically e         | red must be provided for | or all wells     |
| If well telescopes, show depths on sketch.   |  |                          |                  |
| Ground level   | Description of Formations Encour   | ntered From (depl        |                  |
| <u> </u>   | Clay<br>Fine Sand  | 43                       | 70 70            |
|  | Fine Sand & Gravel   | 71                       | 81               |
|  | Medium Sand & Gravel   | 82                       | 126              |
|  | modium ound a oraver   |                          | 1.20             |
|  |  |                          |                  |
|  |  |                          |                  |
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|  |  |                          |                  |
|  |  |                          |                  |
| f more than one screen, show location of each on sketch  |  | I                        |                  |
| 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   | ald in locating the property and the well  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow   |  |                          |                  |
| 4) a north arrow  Landowner Name: Carter Brothers  |  | Form: OLW                | R-SWR-1A (04/08) |
| _andowner Name:  | , constructed, and completed in accorda  | nce with all applicable  | )                |
| andowner Name: Carter Brothers  HEREBY CERTIFY that the well/borehole was drilled equirements of the Mississippi Department of Environ f applicable, and state laws. | , constructed, and completed in accorda<br>mental Quality and the Mississippi Depa | nce with all applicable  | )                |
| 4) a north arrow   | mental Quality and the Mississippi Depa 05/15/2014                                 | nce with all applicable  | ations,          |

**JUN 0 4** 2814



| County:   | Sharkey        |            |
|-----------|----------------|------------|
| Permit #: | GW-47943       |            |
| Driller:  | Irrigation Eq  | uipment    |
|           | ing completed: | 04/03/2014 |

## **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 39225-2309 (601) 961-5210 (601) 360-0535 (fax)

| For Office Use Only: |      |  |  |
|----------------------|------|--|--|
| Well #:              | C241 |  |  |
| Aquifer:             |      |  |  |

Copy information from block on Part 1

|   |  | r Information  |   |  |   | Well Lo   |                      | vell completion.                              |
|---|--|--|---|--|---|---|----------------------|---|
| Owner Name: _C  | Carter Brothe  | rs   |   | Latitude:  | 32 56' 43   | .9 N L  | ongitude: _          | 90 53' 25.9 W                                 |
| Mailing Address:  | P.O. Box 4   | 58   |   | Method of  | Lat/Long (d   | check one):   | ☐ Conve              | entional Survey,                              |
|   |  |  |   | Usgs   | guad, 🛛 H   | and-held GF   | PS. 🗌 Surv           | ey-grade GPS                                  |
| Rolling Fork  |  | Ms   | 39159   |  | -   | <b>NW</b> 1/4, Sec 2  |                      |   |
| City  |  | State  | Zip code  |  |   |   |                      | <del></del>                                   |
| Telephone No.   | ( )  | -  |   | 2<br>(Distance   | Miles _   | North<br>(Direction)  | of                   | Rolling Fork<br>(Nearest Town)                |
|   |  |  | Pump Ty   | /pe (check one   | )   |   |                      | <u>, , , , , , , , , , , , , , , , , , , </u> |
| ☑ Submersible □   | ☐ Turbine ☐ A  | ir Lift 🔲 Centr  | rifugal  Flowing  | Well □ Jet □   | Piston 🗆 F  | Rotary 🗌 Oth  | ner <i>(descrit</i>  | be):  |
| Date Pump Install   | led <b>04/21/2</b>   | 014  |   | Rated Pump   | Capacity:   | 900+/-  |                      | Gallons Per Minute                            |
| ls This Pump (che   |  |  |   |  |   |   |                      |   |
|   |  |  | Power Ty  | ype (check one   | )   |   |                      |   |
| ☑ Electric ☐ Die:   | sel 🗌 Gasolin  | e 🔲 Natural G  | Gas 🔲 Tractor PT  | O 🗆 Windmill i   | Other (de   | escribe):   |                      |   |
| Horse Power Rati  | ing of Motor:  | 30   | Setting Depth   | r: 70  |   | feet Number   | er of Stage          | s: 1  |
|   |  |  |   |  |   |   |                      |   |
|   |  |  | Pump Test Data  | for Non Flow   | ing Well  |   |                      |   |
| Date Well Tested  | <b> -</b>  |  | -   |  | _   |   |                      |   |
|   |  |  |   | Duration of  | Pump Tes  | st (minimum   | 4 hours):            | Hours   |
| Static Water Leve   |  |  | elow Land Surfac  |  | -   |   | _                    |   |
|   | el (A):  | Feet B   | elow Land Surfac  | e Pumping V  | Vater Leve  | I (B):  | Feet                 | Below Land Surface                            |
| Drawdown [(B) - (   | el (A):<br>(A)]:   | Feet B   | elow Land Surfacet<br>Below Land Sur  | e Pumping V<br>face Test Po  | Vater Level   | I (B):  | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - (   | el (A):<br>(A)]:   | Feet B   | elow Land Surfacet Below Land Sur   | e Pumping V<br>face Test Pu<br>tape □ Air line   | Vater Levelumping Rat ☐ Other (   | I (B):  | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - (   | el (A):<br>(A)]:   | Feet B   | elow Land Surfacet Below Land Sur   | e Pumping V<br>face Test Po  | Vater Levelumping Rat ☐ Other (   | I (B):  | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - (<br>Method of measu  | el (A):<br>(A)]:<br>rement <i>(check</i>   | Feet B   | elow Land Surfacet Below Land Sured Itape  Electric  Pump Test Da   | e Pumping V<br>face Test Pu<br>tape □ Air line   | Vater Levelumping Rat ☐ Other (   | I (B):  | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - (<br>Method of measu<br>Measured shut in  | el (A):  (A)]:  grement (check)  head:   | Feet B.<br>Fee<br>( one): □ Stee   | elow Land Surfacet Below Land Sured Itape  Electric  Pump Test Da   | e Pumping V<br>face Test Pu<br>tape ☐ Air line<br>ata for Flowing  | Vater Levelumping Rat   | l (B):<br>re:<br>describe):                                     | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - (<br>Method of measu<br>Measured shut in  | el (A):  (A)]:  grement (check)  head:   | Feet B.<br>Fee<br>( one): □ Stee   | elow Land Surface et Below Land Sur et tape  Electric Pump Test Da et uwdown of   | e Pumping V<br>face Test Pu<br>tape ☐ Air line<br>ata for Flowing  | Vater Levelumping Rat   | l (B):<br>re:<br>describe):                                     | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measu  Measured shut in  Well yielded   | el (A):  (A)]:  prement (check)  head:  G  | Feet B.  Fee  ( one): □ Stee  Fee  Fee  Fee  Fee  Fee  Fee  Fee  | elow Land Surfacet Below Land Surel tape  Electric  Pump Test Datet  awdown of  Meter   | e Pumping V face Test Pu tape ☐ Air line ata for Flowing   | Vater Level umping Rat Other ( ) Well feet after                                    | l (B):<br>re:<br>describe):                                     | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measu  Measured shut in  Well yielded  Meter Manufactur   | el (A):(A)]:   | Feet B.  Fee  ( one): □ Stee  Fee  Fee  Fee  Fee  Fee  Fee  Fee  | elow Land Surface et Below Land Sur et tape  Electric Pump Test Da et uwdown of   | e Pumping V face Test Pu tape ☐ Air line ata for Flowing Installation Meter S  | Vater Level umping Rat Other ( ) Well feet after                                    | l (B):ee:   | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measu  Measured shut in  Well yielded  Meter Manufactur  Meter Model Num  | el (A):  (A)]:  prement (check  head:  G  rer:  McCroinber/Name:   | Feet B  cone):   Stee  Fee  SPM with a dra  meter  M0306   | elow Land Surfacet Below Land Surfacet Itape  Electric Pump Test Datet Itape  Meter   | e Pumping Variace Test Putape ☐ Air line  ata for Flowing  Installation  Meter S  Type   | Vater Level umping Rat Other ( ) Well feet after Gerial Numb                        | I (B):ee:   | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measured shut in  Well yielded  Meter Manufactur  Meter Model Num  Totalizer Register   | el (A):  (A)]:  arement (check  head:  G  rer:  McCroi  nber/Name:  r Unit and Mult  | Feet B. Fee  ( one): □ Stee  Fee  Fee  Fee  Fee  Fee  Mo306  iplier Factor (A  | elow Land Surfacet Below Land Surfacet Itape  Electric  Pump Test Datet  et Meter  AF x .001, gal x 10  | e Pumping V face Test Pu tape ☐ Air line ata for Flowing  Installation   | Vater Level umping Rat Other ( g Well  feet after  Gerial Numb of Meter: x .001     | l (B):ee:   | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measu  Measured shut in  Well yielded  Meter Manufactur  Meter Model Num  Totalizer Register  Installation Date:                            | el (A):  (A)]:  Irement (check  head:  Gree: McCroi  nber/Name:  1 Unit and Mult  04/21/2014                                   | Feet B.  Fee  Cone): Stee  Fee  Fee  Fee  Fee  Fee  Fee  Fee   | elow Land Surfacet Below Land Surfacet Itape  Electric Pump Test Datet Itape  Meter   | e Pumping V face Test Pu tape  Air line ata for Flowing Installation Meter S Type 2000, etc): AF rrigation Equi  | Vater Level umping Rat Other ( g Well  feet after  Gerial Numb of Meter: x .001     | l (B):ee:   | Feet                 | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measured shut in  Well yielded  Meter Manufactur  Meter Model Num  Totalizer Register  Installation Date:                                   | el (A):  (A)]:  Irement (check  head:  G  rer: McCroi  nber/Name:  1 Unit and Mult  04/21/2014  eck one): N  By submitting i   | Feet B. Fee  Gone):  Stee  Fee  GPM with a dra  meter  M0306  iplier Factor (A  meter  Met  wether information inf | elow Land Surfacet Below Land Surfacet Itape  Electric Pump Test Datet Itape  Meter   | e Pumping V face Test Pu tape  | Vater Level Imping Rat Other (  Well  feet after  Gerial Numb of Meter: x.001 pment | describe):  describe):  per: 13-068  Propeller  as installed to | hou hou hou manufact | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measured shut in  Well yielded  Meter Manufactur  Meter Model Num  Totalizer Register  Installation Date:  Is This Meter (che               | el (A):  (A)]:  Irement (check  head:  G  rer: McCroi  nber/Name:  1 Unit and Mult  04/21/2014  eck one): N  By submitting i   | Feet B. Fee  Gone):  Stee  Fee  GPM with a dra  meter  M0306  iplier Factor (A  meter  Met  wether information inf | elow Land Surfacet Below Land Surfacet Below Land Surfacet Itape  | e Pumping V face Test Pu tape  | Vater Level Imping Rat Other (  Well  feet after  Gerial Numb of Meter: x.001 pment | describe):  describe):  per: 13-068  Propeller  as installed to | hou hou hou manufact | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measured shut in  Well yielded  Meter Manufactur  Meter Model Num  Totalizer Register  Installation Date:  Is This Meter (che               | el (A):  (A)]:  Irement (check  head:  Greer: McCroi  nber/Name:  r Unit and Mult  04/21/2014  eck one):   By submitting if  F | Feet B  feet  one):   Stee  Feet  SPM with a dra  meter  M0306  iplier Factor (A  wet  wet  wet  Repaire  the above information  | elow Land Surface et Below Land Surface et Below Land Surface et Land Surface Pump Test Date et Land Surface Meter AF x .001, gal x 10 er installed by:li ed Replacement remation you are could wells, a list of application. | e Pumping Variance Test Putape Air line ata for Flowing  Installation  Meter S  Type  1000, etc): AF  1000, et | Vater Level umping Rat Under ( Well  feet after  Gerial Numb of Meter: x.001 pment  | describe):  describe):  per: 13-068  Propeller  as installed to | hou hou hou manufact | Below Land Surface Gallons Per Minute         |
| Drawdown [(B) - ( Method of measured shut in  Well yielded  Meter Manufactur  Meter Model Num  Totalizer Register  Installation Date:  Is This Meter (che  Important: I | el (A):  (A)]:  prement (check  head:  Greer: McCroi  nber/Name:  O4/21/2014  eck one): N  By submitting if  F                 | Feet B  feet  one):   Stee  Feet  SPM with a dra  meter  M0306  iplier Factor (A  wet  wet  wet  Repaire  the above information  | elow Land Surface et Below Land Surface et Below Land Surface et Land Surface Pump Test Date et Land Surface Meter AF x .001, gal x 10 er installed by:li ed Replacement remation you are could wells, a list of application. | e Pumping Wiface Test Putape Air line ata for Flowing Installation Meter S Type 2000, etc): AF rrigation Equi nt ertifying that the proved meters best of my know  | Vater Level umping Rat Under ( Well  feet after  Gerial Numb of Meter: x.001 pment  | describe):  describe):  per: 13-068  Propeller  as installed to | hou hou hou manufact | Below Land Surface Gallons Per Minute         |

JUN 0 4 2014

BY: OLWR