

County: Lincoln  
 Permit # MS-GW-16735  
 Driller: Griner Drilling Service, Inc.  
 Date drilling completed 03/05/10

**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: \_\_\_\_\_  
 Well #: H 116  
 L. S. Elevation \_\_\_\_\_  
 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.*

<p><b>Information on Well Owner</b>  <i>(Landowner if borehole is not for a water well)</i>          Owner Name <u>Lincoln Rural Water Association</u>          Mailing Address: <u>P.O. Box 712</u>  <u>Brookhaven MS 3901</u>          City State Zip Code          Telephone No. ( ) _____</p>	<p><b>Well or Borehole Location</b>          Latitude: <u>31°33'36.45"N</u> Longitude: <u>90°23'40.38"W</u>          Method of Lat/Long (check one): Conventional Survey <input type="radio"/>          USGS quad <input type="radio"/> Hand-held GPS <input checked="" type="radio"/> Survey-grade GPS <input type="radio"/>  <u>NW</u> <u>SW</u> <u>SE</u> <u>NE</u> Sec <u>22</u> ✓ Twn <u>7N</u> Rng <u>8E</u> ✓          Distance Direction Nearest Town  <u>3</u> Miles <u>SE</u> of <u>Brookhaven</u></p>
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**Well / Borehole Data**  
 Date drilling started: 03/03/10 Date drilling completed: 03/05/10 Hole depth: 480' Hole diameter: 22 1/2"  
 Location of the source of any surface water used for drilling: \_\_\_\_\_  
 Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_  
 Logs run (check all applicable): None  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_  
 Name of organization running log(s): Griner Drilling Service, Inc.  
 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 one): Home  Industrial  Public Supply  Irrigation  Fish Culture  Other: \_\_\_\_\_  
 If a flowing well, method of flow regulation: Valve  Other (describe) \_\_\_\_\_  
 Static Water Level: 197.65 feet above  or below  land surface Date measured: 09/21/10  
 Method of Measurement (check one) steel tape  electric tape  air line  other: \_\_\_\_\_  
 Well depth: 436' Well grouted to a depth of 300 feet Type of grout (check one): Neat Cement  Bentonite  Mix   
 Casing length: 300 feet Casing diameter: 20 inches Type of casing: Steel  
 Screen length: 106 feet Screen diameter: 12 inches Type of screen: 304 Stainless Steel  
 Screen slot size: .020 inches Setting depth: From 320 feet to 426 feet  
 Type of completion (check all applicable): Gravel packed  Underreamed  Telescoped  Open hole   
 Natural Development  Other (describe): \_\_\_\_\_  
 Top of lap pipe or reduction in casing: 248' feet. *If telescoped or more than one screen, describe on next page*

H116  
Lincoln Co.

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →

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see attached

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

Description of Formations Encountered	From (depth)	To (depth)
Clay, Sand and Gravel	Ground Level	40'
Sand and Gravel	40'	80'
Gravel and Clay	80'	100'
Clay	100'	120'
Clay and Gravel	120'	140'
Clay and Sand	140'	160'
Clay, Sand and Gravel	160'	180'
Clay and Sand	180'	280'
Sand, Gravel and Clay	280'	320'
Sand	320'	365'
Clay	365'	380'
Sand	380'	388'
Clay	388'	402'
Sand	402'	428'
Clay	428'	480'

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.

See attached

Landowner Name: \_\_\_\_\_

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 Health regulations, if applicable, and state laws.

Charles H. Griner Sr.      0-184      02/01/11  
Print Name of Responsible Licensee and License No.      Date

*Charles H. Griner*  
Signature of Licensee

# 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)

County: Lincoln  
 Permit #: \_\_\_\_\_  
 Driller: Griner Drilling Service, Inc.  
 Date completed: 11-17-10  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: H116  
 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.*

Well Owner Information	Well Location
Owner Name: <u>Lincoln Rural Water Association</u>	Latitude: <u>31°33'36.45"N</u> Longitude: <u>90°23'40.38"W</u>
Mailing Address: <u>P.O. Box 712</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/>
<u>Brookhaven MS 39601</u>	USGS quad <input type="radio"/> Hand-held GPS <input checked="" type="radio"/> Survey-grade GPS <input type="radio"/>
City State Zip Code	<u>NW 1/4 SW 1/4 Sec 22 T 7N R 8E</u>
Telephone No. ( ) _____	Distance Direction Nearest Town <u>3</u> Miles <u>SE</u> of <u>Brookhaven</u>

Pump Type Check one	Power Type Check one
Air Lift <input type="radio"/> Jet <input type="radio"/> Submersible <input type="radio"/>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine <input checked="" type="radio"/>	Electric Motor <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>11/17/10</u>	Setting Depth: <u>310</u> feet
Rated Pump Capacity: <u>500</u> Gallons Per Minute	Number of Stages: <u>3</u>

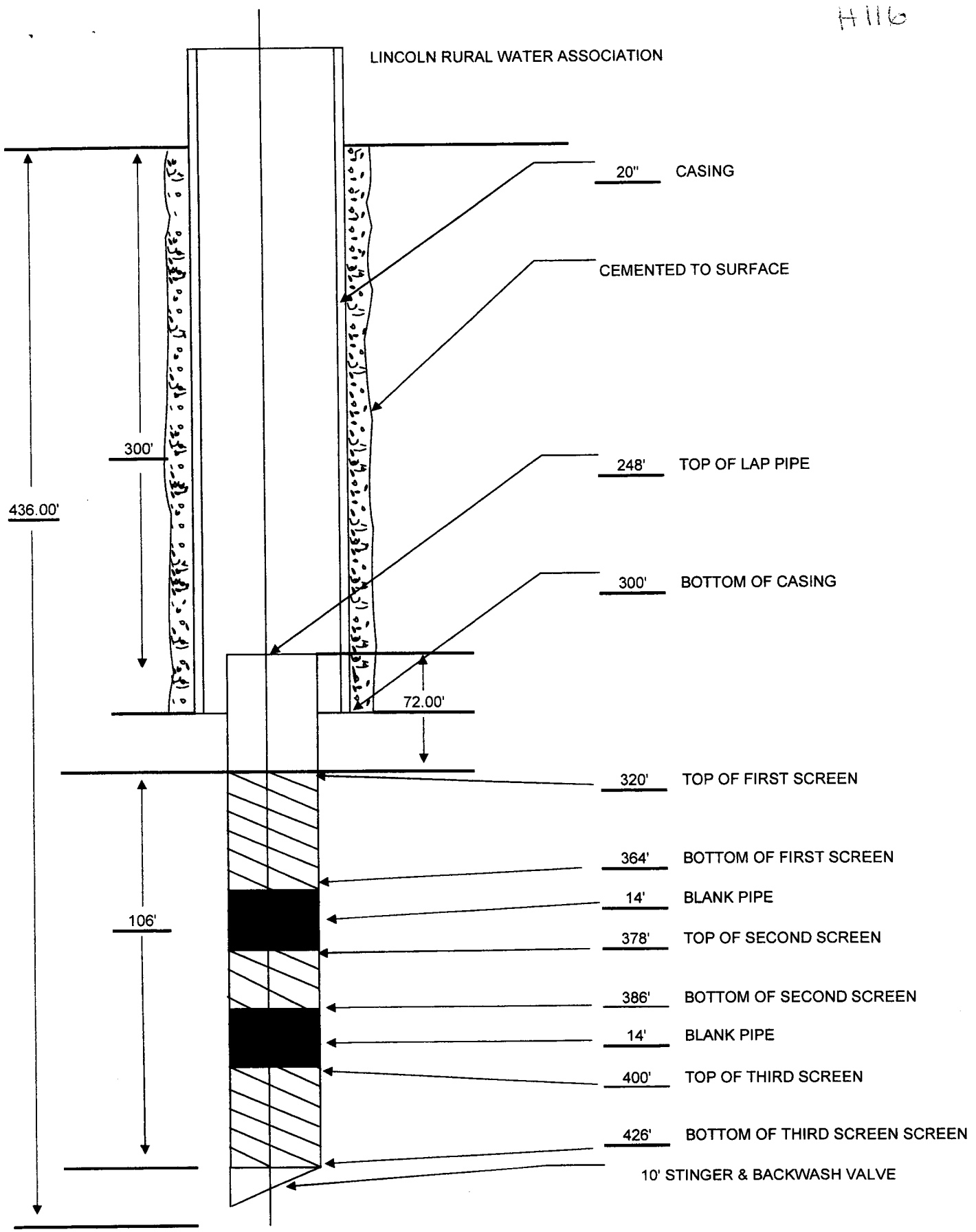
Pump Test Data	Method of Measuring Water Level Check one
Date Well Tested: <u>09/21/10</u>	Air Line <input type="radio"/> Electric Measuring Line <input checked="" type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>197.65</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>269.85</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>72.20</u> Feet Below Land Surface	Well yielded <u>503</u> GPM with a drawdown of
Test Pumping Rate: <u>503</u> Gallons Per Minute	<u>72.20</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

This is for (check one):    New Well     Replacement of Existing Pump     Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Charles H. Griner Sr.    0-184    Charles H. Griner  
 Print Name of Pump Installer and License No. (if applicable)    Signature of Pump Installer

LINCOLN RURAL WATER ASSOCIATION



20" CASING

CEMENTED TO SURFACE

248' TOP OF LAP PIPE

300' BOTTOM OF CASING

436.00'

300'

72.00'

320' TOP OF FIRST SCREEN

364' BOTTOM OF FIRST SCREEN

14' BLANK PIPE

378' TOP OF SECOND SCREEN

386' BOTTOM OF SECOND SCREEN

14' BLANK PIPE

400' TOP OF THIRD SCREEN

426' BOTTOM OF THIRD SCREEN SCREEN

10' STINGER & BACKWASH VALVE

106'