| 1 0  | 1   | on Report                        | For Office Use Only:                |  |
|--|---|----------------------------------|-------------------------------------|--|
| County: Lee County   | Part 1 – Driller's Log                          |                                  |                                     |  |
| Permit #: M5-GW-16391  | Mississippi Department of Environmental Quality |                                  | Aquifer:                            |  |
|  | Office of Land and Water Resources              |                                  | Well #: D-5/                        |  |
| Driller Donald Smith Co.   | P.O. Box 10631<br>Jackson, MS 39289-0631        |                                  | L. S. Elevation: 347                |  |
| Date drilling completed: 6/20/07   | -   | 961-5210                         | L. S. Elevation:                    |  |
| but drawing completed  |   | 4-6938 (fax)                     | E-log#: D-0051                      |  |
|  | (001)55   | 4-0550 (lax)                     | L-log#.                             |  |
| State Law requires that this repor<br>Department at the above address  |   |                                  |                                     |  |
| Information on Well C  |   |                                  | rehole Location                     |  |
| (Landowner if borehole is not for a water well)  |   |                                  | i w                                 |  |
| Owner Name North Lee Water   |   | Latitude: 34 ° 23 ' 28           | " Longitude: <u>88 ° 45 ', 46 "</u> |  |
| Mailing Address: 1004 Birmingham Ridge Rd.   |   | Method of Lat/Long (circle on    | e): Conventional Survey,            |  |
|  |   | USGS quad, (Hand-held            |                                     |  |
| $\frac{S_{c3} + 110}{\text{City}} \qquad M^{\circ}$  | 38866   | ¼¼ Sec_ 15                       |                                     |  |
| City Stat  | e Zip Code                                      | Distance Direction  Miles W      | Nearest Town                        |  |
| Telephone No. ()   | - <u> </u>                                      | Willes                           | Ja 1+11/0                           |  |
|  | Well / Bore                                     | hata Dada                        |                                     |  |
| · · · · · · · · · · · · · · · · · · ·  |   |                                  |                                     |  |
| Date drilling started: <b><u>\$ 1107</u></b> Date dri  | lling completed: 6 20                           | 07Hole depth: 625'               | Hole diameter: 16"                  |  |
| Location of the source of any surface water<br>Method of dosing and volume of Chlorine                         | r used for drilling:                            | onment carl no tall              | 0 111/10                            |  |
|  |   |                                  |                                     |  |
| Logs run (circle all applicable): No log run Name of organization running log(s):                              | Electric Gamma Ray                              | Density Sonic Neutron (          | Other:                              |  |
|  |   | • '                              |                                     |  |
| Purpose of borehole (check one): Water We  | ell <u>V</u> Geotechnical/Geolo                 | ogical Investigation Ground      | Source Heat Pump                    |  |
| Seismic S  | urveyOther (describe)                           |                                  |                                     |  |
| If drilling is not related   | to water well construction                      | , skip the remainder of this blo | ck                                  |  |
|  |   |                                  |                                     |  |
| Purpose of Well (check one): Home Industrial Public SupplyIrrigation Fish Culture Other:                       |   |                                  |                                     |  |
| If a flowing well, method of flow regulation: Valve Other (describe)   |   |                                  |                                     |  |
| Static Water Level: 131'-3" feet above or below (circle one) land surface Date measured: 6/20/07               |   |                                  |                                     |  |
| Method of Measurement (circle one) steel tape electric tape air line other:                                    |   |                                  |                                     |  |
| Well depth: 562 Well grouted to a depth of 177 feet Type of grout (circle one): Neat Cement Bentonite Mix      |   |                                  |                                     |  |
| Casing length: 477 feet Casing diameter: 12 inches Type of casing: 5+c=1 ASTM/B                                |   |                                  |                                     |  |
| Screen length: 80 feet Screen diameter: 8 inches Type of screen: Stainless Steel widp                          |   |                                  |                                     |  |
| Screen slot size: 4020 inches Setting depth: From 482 feet to 562 feet   |   |                                  |                                     |  |
| Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development |   |                                  |                                     |  |

Other (describe):

4321

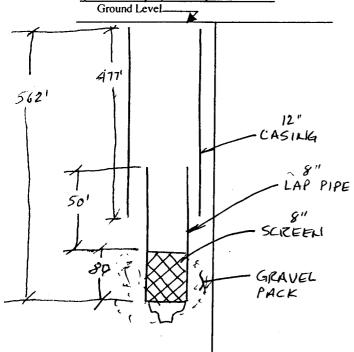
Top of lap pipe or reduction in casing:

**State Well Report** 

feet. If telescoped or more than one screen, describe on next page

#### The sketch below only required for water wells

### If well telescopes, show depths on sketch.



#### 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) |
|---|--------------|------------|
| Red Clay                                      | Ground Level | 12         |
| Blue Clay<br>Sond I Clay Streeks<br>Blue Rock |              | 39         |
| Sand ICION STRUKS                             |              | 78         |
| Blue Rock                                     |              | 80         |
| Bive Clay                                     |              | 367        |
| KOCK  |              | 310        |
| Blue Clay                                     |              | 430        |
| Blue Clay<br>Clay/sandy strk<br>Gray Sand     |              | 478        |
| Gray Sand                                     |              | 565        |
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|   | 1            |            |

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. |
|--|
|  |
|  |
| Birmingham Ridge Rd.   |
|  |
| Blog De Office<br>1004 Binson Ridge Rd.  |
| ° ← Well   |
| Landourer Names Lee Cours L. 14) 14 es   |
| Landowner Name: Lee County Water   |

Form: OLWR-SWR-1A 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

Print Name of Responsible Licensee and License No.

## STATE WELL REPORT

# Part 2

County: Lee County

Permit #: MS-Gw - 16391

Date completed: 6/24/07

Driller: Donald Smith B.

Pump Installer's Completion Report
Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631

Jackson, MS 39289-0631 (601)961-5210 (601)354-6938 (fax)

| For Office Use Only: |  |  |  |
|----------------------|--|--|--|
| Aquifer:             |  |  |  |
| Well #: D-5/         |  |  |  |
| Elevation: 347'      |  |  |  |

| Copy information from block on Part 1  | (601)354-6938 (fax)  |
|--|--|
| This part of the report must be completed by a licensed w<br>report must be attached and both parts filed with the Dep | vater well contractor or a licensed pump installer. A copy of Part 1 of the partment at the above address within 30 days of well completion. |
| Well Owner Information   | Well Location  |
| Owner Name: North Lee Water  | Latitude: <u>34,23,28 μ</u> Longitude: <u>88, 45, 46 ω</u>   |
| Mailing Address: 1004 Birmingham Ridge   | Method of Lat/Long (check one): Conventional Survey,   |
|  | USGS quad, Hand-held GPS, Survey-grade GPS   |
| Sal Lillo MS 3886.<br>City State Zip Cod   | 6 ¼ ¼ Sec 15 T 85 R 5E   |
| ony State Zip Cou  | Distance Direction Nearest Town  |
| Telephone No. (662) 231 8044   | 6 Miles <u>ω</u> of <u>S214;110</u>  |
| Pump Type  | Power Type   |
| Circle one   | Circle one   |
| Air Lift Jet Sub-tersible  | 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: 75  |
| Date Pump Installed: 6/21/67   | Setting Depth: 382' feet   |
| Rated Pump Capacity: 280 Gallons Per Mir   | nute Number of Stages: 10  |
| Pump Test Data   | Method of Measuring Water Level  |
| Date Well Tested: 62007  | Circle one   |
| Static Water Level (A): 131' - 3" Feet Below Land Sur  |  |
| Pumping Water Level (B): 295' Feet Below Land Surf   | Other (specify):   |
| Drawdown [(B) – (A)]: $163'-8''$ Feet Below Land Surf  | face For flowing well, measured shut in head:feet  |
| Test Pumping Rate: 280 Gallons Per Min   | ute Well yielded 280 GPM with a drawdown of  |
| Duration of Pump Test (minimum 4 hours): 12 hou  | <b>↑</b>   |
| I HEREBY CERTIFY that the above statements are true to the   | ne best of my knowledge  |

| I HEREBY CERTIFY that the above statements are true to the best of                | my knowledge.                               |
|---|---|
| Donald E Smith 0-717 Print Name of Pump Installer and License No. (if applicable) | Donald E. Smith Signature of Pump Installer |

Form: OLWR-SWR-1B