

County: Waltham Boone  
 Permit #: 0-780  
 Driller: W. Gael Pierce  
 Date drilling completed: 9-28-07

### State Well Report Part 1 - Driller's Log

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 #: 39  
 L. S. Elevation: K47  
 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.*

| Information on Well Owner<br><i>(Landowner if borehole is not for a water well)</i> | Well or Borehole Location  |
|---|--|
| Owner Name: <u>Louie Deerman</u>  | Latitude: <u>88° 40' 508"</u> Longitude: <u>31° 12' 375"</u>                   |
| Mailing Address: <u>Highway 63 north</u>  | Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u>     |
| <u>Bradley Rd</u>   | USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS                             |
| <u>Leakwell, MS 39462</u>   | <u>NE</u> 1/4 <u>NE</u> 1/4 Sec <u>6</u> Twn <u>3N</u> Rng <u>6W</u>           |
| City State Zip Code   | Distance <u>4</u> Miles Direction <u>north</u> of Nearest Town <u>Leakwell</u> |
| Telephone No. <u>(601) 394-5600</u>   |  |

**Well / Borehole Data**

Date drilling started: 9-28 Date drilling completed: 9-28 Hole depth: 90 Hole diameter: 2

Location of the source of any surface water used for drilling: Aquifer, MS  
 Method of dosing and volume of Chlorine used in drilling and development: 4 gal Chlorine 2000 water

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_  
 Name of organization running log(s): \_\_\_\_\_

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: 5 feet above or below (circle one) land surface Date measured: 9-28-07

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Well depth: 90 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 80 feet Casing diameter: 2 inches Type of casing: sch 40 Plastic

Screen length: 10 feet Screen diameter: 2 inches Type of screen: sch 80 "

Screen slot size: 6 inches Setting depth: From 0 feet to 90 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

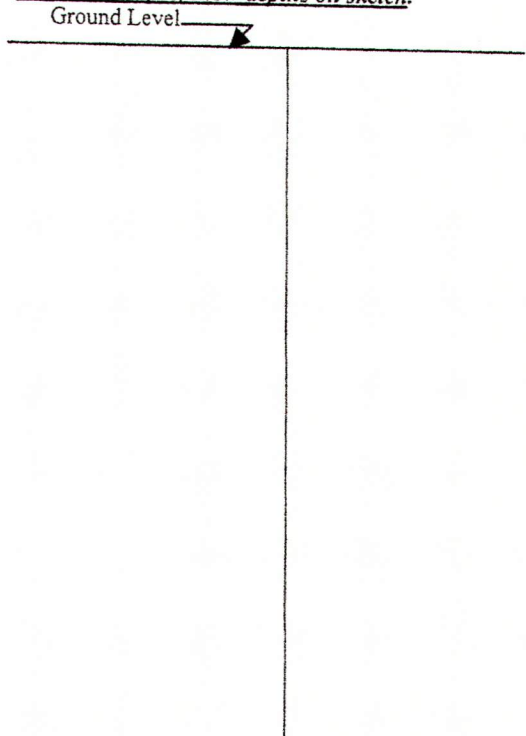
Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

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The sketch below only required for water wells

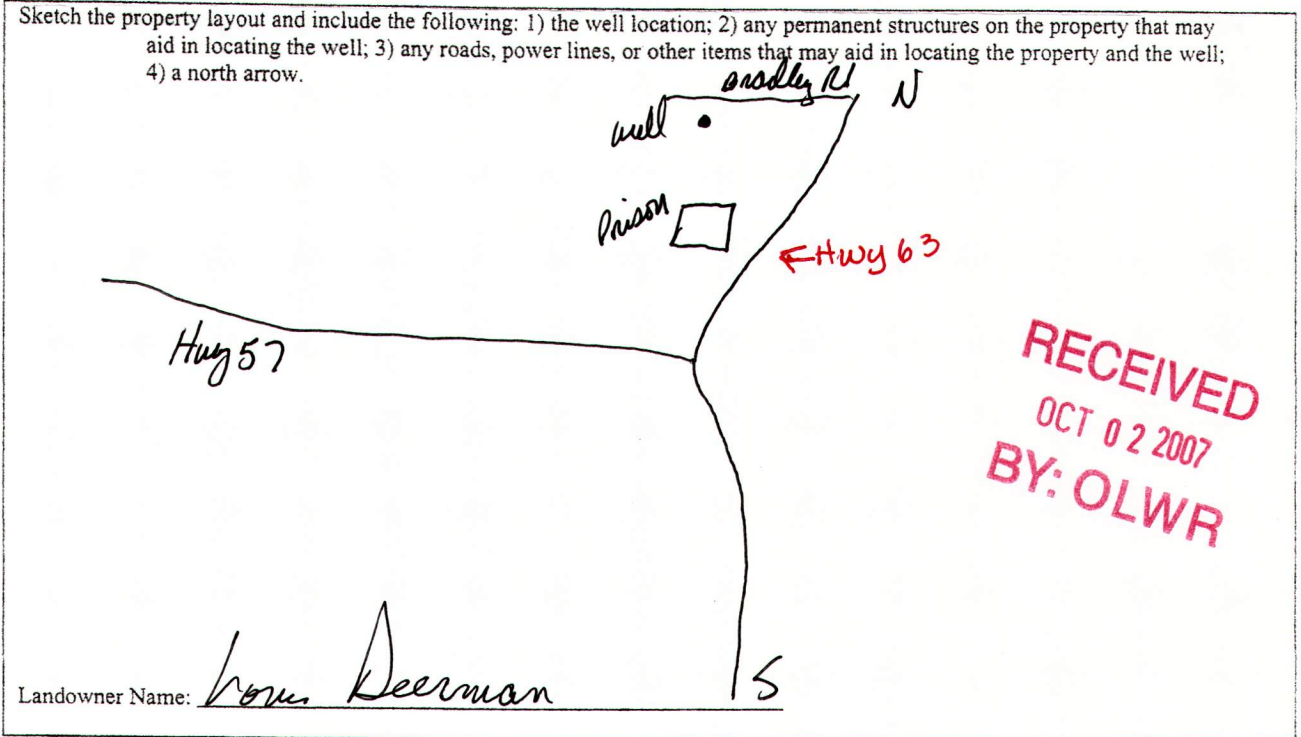
If well telescopes, show depths on sketch.



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

| Description of Formations Encountered | From (depth)<br>Ground Level | To (depth) |
|---------------------------------------|------------------------------|------------|
| red sand                              | 0                            | 15         |
| yellow clay                           | 15                           | 50         |
| white sand                            | 50                           | 90         |
|                                       |                              |            |
|                                       |                              |            |
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|                                       |                              |            |
|                                       |                              |            |
|                                       |                              |            |

If more than one screen, show location of each on sketch



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 laws.

Joel Paul                      0-780                      9-28-07                      Joel Paul

Print Name of Responsible Licensee and License No.                      Date                      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 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

County: Greene  
 Permit #: 0-780  
 Driller: W. Joel Pierce  
 Date completed: 9-28-07  
*Copy information from block on Part 1*

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: 39 K47  
 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>Lois Deerman</u>     | Latitude: <u>88-40-508</u> Longitude: <u>31-12-395</u>   |
| Mailing Address: <u>Hy 63 north</u> | Method of Lat/Long (check one): Conventional Survey <input checked="" type="checkbox"/> _____    |
| <u>Bradley Rd</u>                   | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> _____, Survey-grade GPS _____ |
| <u>Leaksville MS 39562</u>          | <u>NE</u> 1/4 <u>NE</u> 1/4 Sec <u>6</u> T <u>3N</u> R <u>6W</u>                                 |
| City State Zip Code                 | Distance <u>NW</u> Direction <u>23</u> Nearest Town <u>7W</u>                                    |
| Telephone No. <u>(601) 394-5600</u> | <u>4</u> Miles <u>north</u> of <u>Leaksville, ms</u>   |

| Pump Type<br>Circle one  | Power Type<br>Circle one   |
|--|--|
| Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> | Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>                           |
| Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>               | <input checked="" type="checkbox"/> Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> |
| Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>     | Windmill <input type="checkbox"/> Other (specify): _____   |
| Other (specify): _____   | Horse Power Rating of Motor: <u>1 hp</u>   |
| Date Pump Installed: <u>9-28-07</u>  | Setting Depth: <u>60 set line</u> feet   |
| Rated Pump Capacity: <u>10</u> Gallons Per Minute  | Number of Stages: <u>2</u>   |

| Pump Test Data   | Method of Measuring Water Level<br>Circle one   |
|--|---|
| Date Well Tested: <u>9-28-07</u>                           | <input checked="" type="checkbox"/> Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape |
| Static Water Level (A): <u>5</u> Feet Below Land Surface   | Other (specify): _____  |
| Pumping Water Level (B): <u>60</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet   |
| Drawdown [(B) - (A)]: <u>2</u> Feet Below Land Surface     | Well yielded <u>10</u> GPM with a drawdown of   |
| Test Pumping Rate: <u>10</u> Gallons Per Minute            | <u>2</u> feet after <u>48</u> hours of pumping  |
| Duration of Pump Test (minimum 4 hours): <u>48</u> hours   |   |

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

Joel Pierce 0-780  
 Print Name of Pump Installer and License No. (if applicable)

Joel Pierce  
 Signature of Pump Installer