

4519

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)

County: Washington
 Permit #: _____
 Driller: David Canady
 Date drilling completed: 12/7/06

For Office Use Only:
 Aquifer: _____
 Well #: H-202
 I. 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>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Black Bayou Water Association</u> Mailing Address: <u>5150 Keele St.</u> <u>Jackson MS 39206</u> City State Zip Code Telephone No. <u>601 982-5144</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>33° 16' 11"</u> Longitude: <u>90° 55' 32"</u> Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS <u>Q 1/4 SE 1/4 Sec 33</u> Twn <u>17N</u> Rng <u>7W</u> Distance Direction Nearest Town <u>22</u> Miles <u>W</u> of <u>Aracola</u></p>
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Well / Borehole Data

Date drilling started: 10/1/06 Date drilling completed: 12/15/06 Hole depth: 1190 Hole diameter: 12 1/4

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 (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): MISSISSIPPI STATE GEOLOGICAL SURVEY

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
 Seismic Survey Other (describe) Test Hole

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: _____ feet above or below (circle one) land surface Date measured: _____

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

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

Casing length: _____ feet Casing diameter: _____ inches Type of casing: _____

Screen length: _____ feet Screen diameter: _____ inches Type of screen: _____

Screen slot size: _____ inches Setting depth: From _____ feet to _____ feet

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

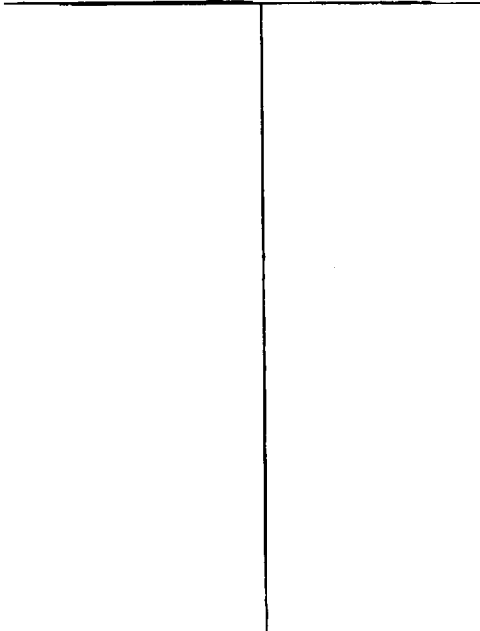
Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

H-202

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level 

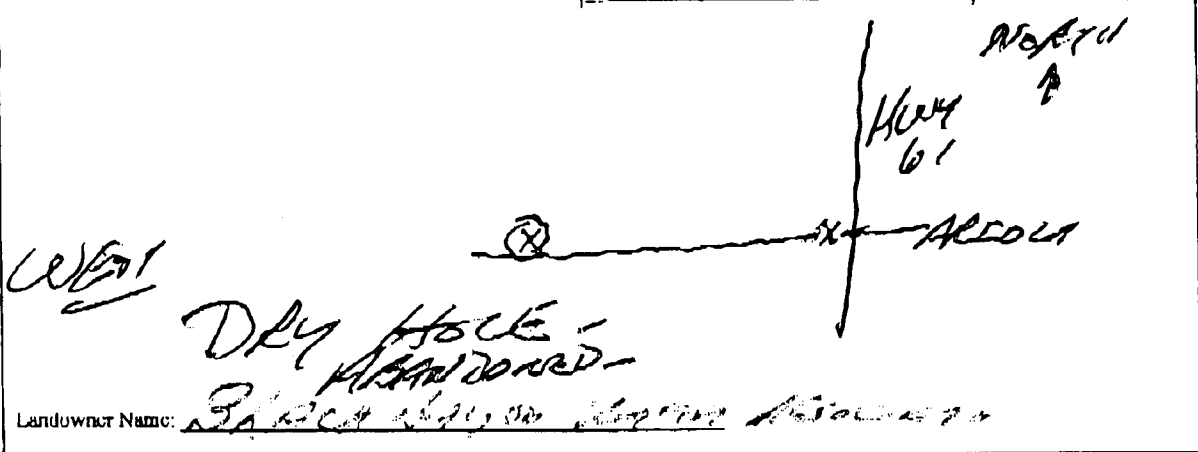


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Top Soil	Ground Level	30
Sand	30	171
Clay	171	175
Sand w/ Clay Strs	175	205
Clay	205	212
Rock	212	212
Clay	213	274
Clay w/ Sand Strs	274	306
Sand w/ Clay Strs	306	368
Sand w/ Shale Strs	368	400
Shale w/ Sand Strs	400	515
Sand	515	545
Clay w/ Lignite	545	555
Shale	555	586
Shale w/ Sand Strs	586	648
Sand	648	680
Sand	680	711
Sand	711	721
Shale w/ Sand Strs	721	742
Shale w/ Clay Strs	742	773
Clay	773	804
Clay w/ Sand Strs	804	867
Clay w/ Shale Strs	867	976
Sand	976	1001
Shale w/ Sand Strs	1001	1038
Rock	1038	1040
Sand w/ Shale Strs	1040	1073
Sand	1073	1086
Sand	1086	1116
Sand	1116	1148
Sand	1148	1169
Clay	1169	1180
Clay	1180	1190

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.



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.

Thomas S Christman 0-703 1/18/07  Signature of Licensee

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee