

#7

County: Desoto
 Permit #: _____
 Driller: Charles M. Nichols
 Date drilling completed: 11-15-10

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: E 132
 Well #: _____
 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.

Information on Well Owner (Landowner if borehole is not for a water well) Owner Name: <u>Desoto County Regional Utility Authority</u> Mailing Address: <u>365 Leshie St. Suite 310</u> <u>Hernando MS 38632</u> City State Zip Code Telephone No. () _____		Well or Borehole Location Latitude: <u>34° 55' 15" ⁰⁹ N</u> Longitude: <u>90° 10' 22" ¹³ W</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS <u>SE 1/4 SE 1/4 Sec 8 Twn 25 Rng 9W</u> Distance Direction Nearest Town <u>3 Miles South of Walls</u>
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Well / Borehole Data

Date drilling started: 11-15-10 Date drilling completed: 11-15-10 Hole depth: 100' Hole diameter: 26

Location of the source of any surface water used for drilling: Johnson Creek
 Method of dosing and volume of Chlorine used in drilling and development: HTH

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) De watering
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: De watering

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

Casing length: 60 feet Casing diameter: 16 inches Type of casing: pvc

Screen length: 40 feet Screen diameter: 16 inches Type of screen: pvc

Screen slot size: .035 inches Setting depth: From 60 feet to 100 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*

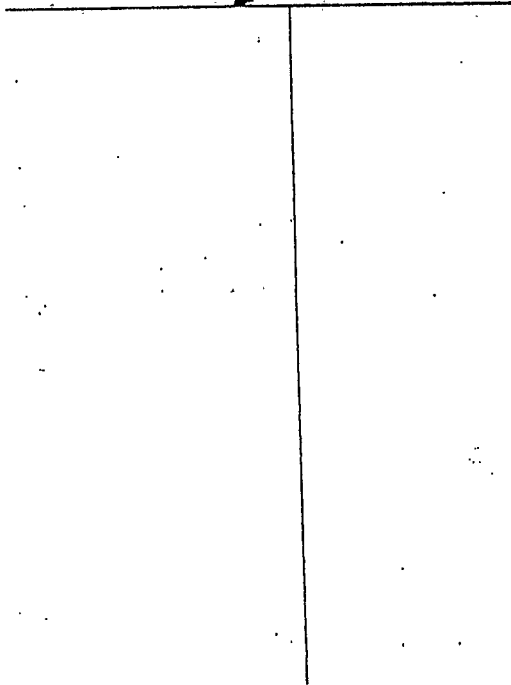
S. J. Lewis CONSTR.

Form: OLWR-SWR-1A
 (no pump)
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The sketch below only required for water wells

If well telescopes, show depths on sketch.

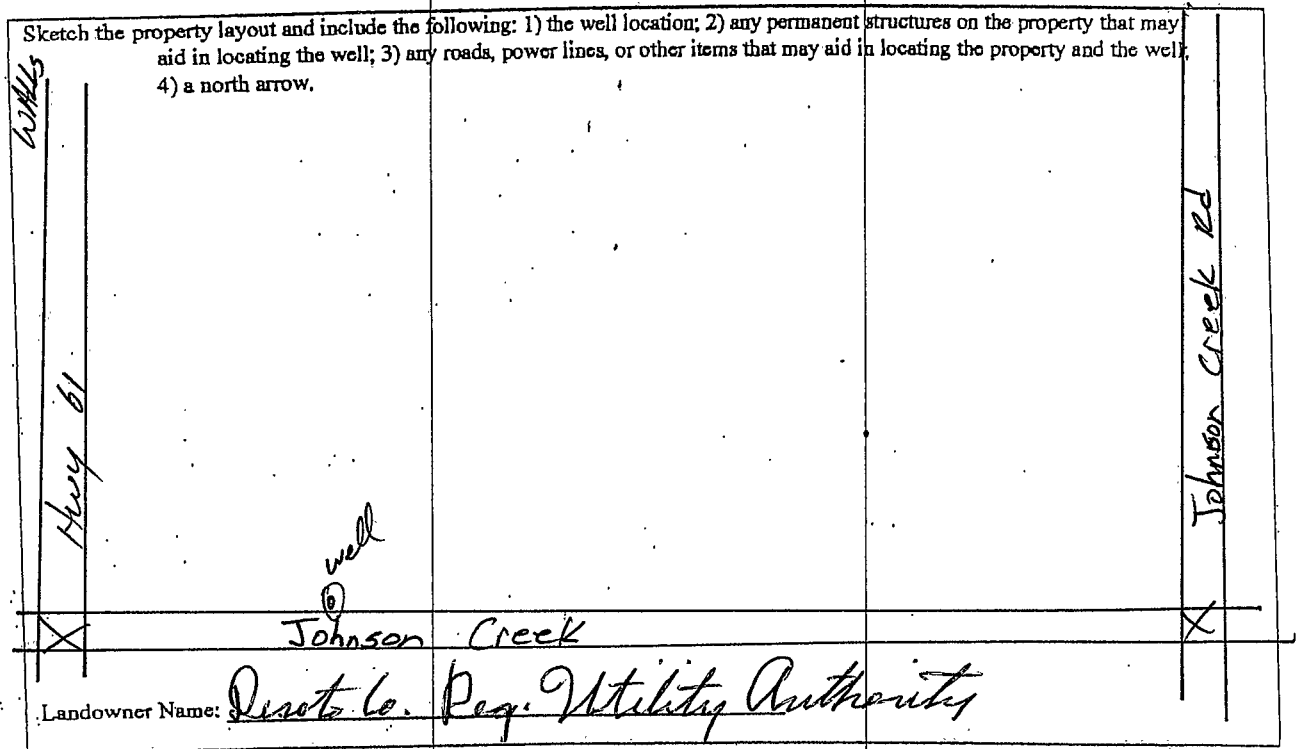
Ground Level 



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)
Sandy clay	Ground Level	14
SAND	14	60
Course sand & gravel	60	97
clay	97	100

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.

Charles M. Nichols 0-0667 12-31-10
Print Name of Responsible Licensee and License No. Date


Signature of Licensee

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