

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 130
Well #:
L. S. Elevation:
E-log #:

County: Desoto
Permit #:
Driller: Charles M. Nichols
Date drilling completed: 11-14-10

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: DESOTO CO. REGIONAL UTILITY AUTHORITY
Mailing Address: 365 Losher St, Suite 310, Hernando MS 38632
Well or Borehole Location
Latitude: 34° 55.15711 Longitude: 090° 10.07604
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
SE 1/4, SE 1/4, Sec 8, Twn 25, Rng 9W
Distance 3 Miles Direction South of Nearest Town Walls
Well / Borehole Data
Date drilling started: 11-14-10 Date drilling completed: 11-14-10 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 [checked] Geotechnical/Geological Investigation Ground Source Heat Pump
Seismic Survey Other (describe) De watering well
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.

(No pump) Form: OLWR-SWR-1A

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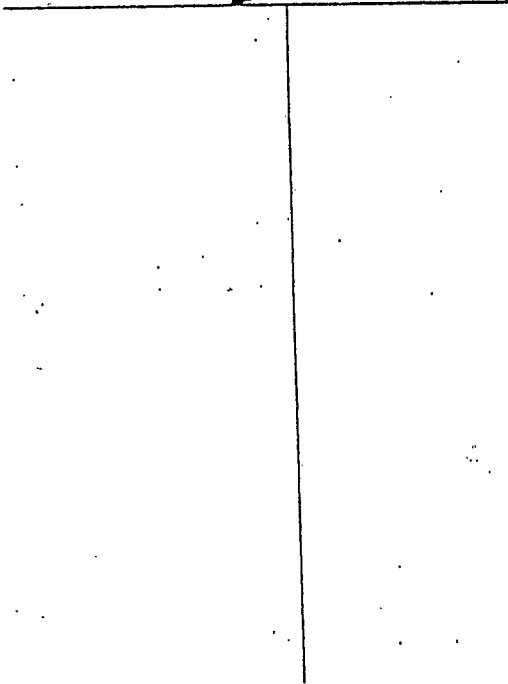
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The sketch below only required for water wells

If well telescopes, show depths on sketch

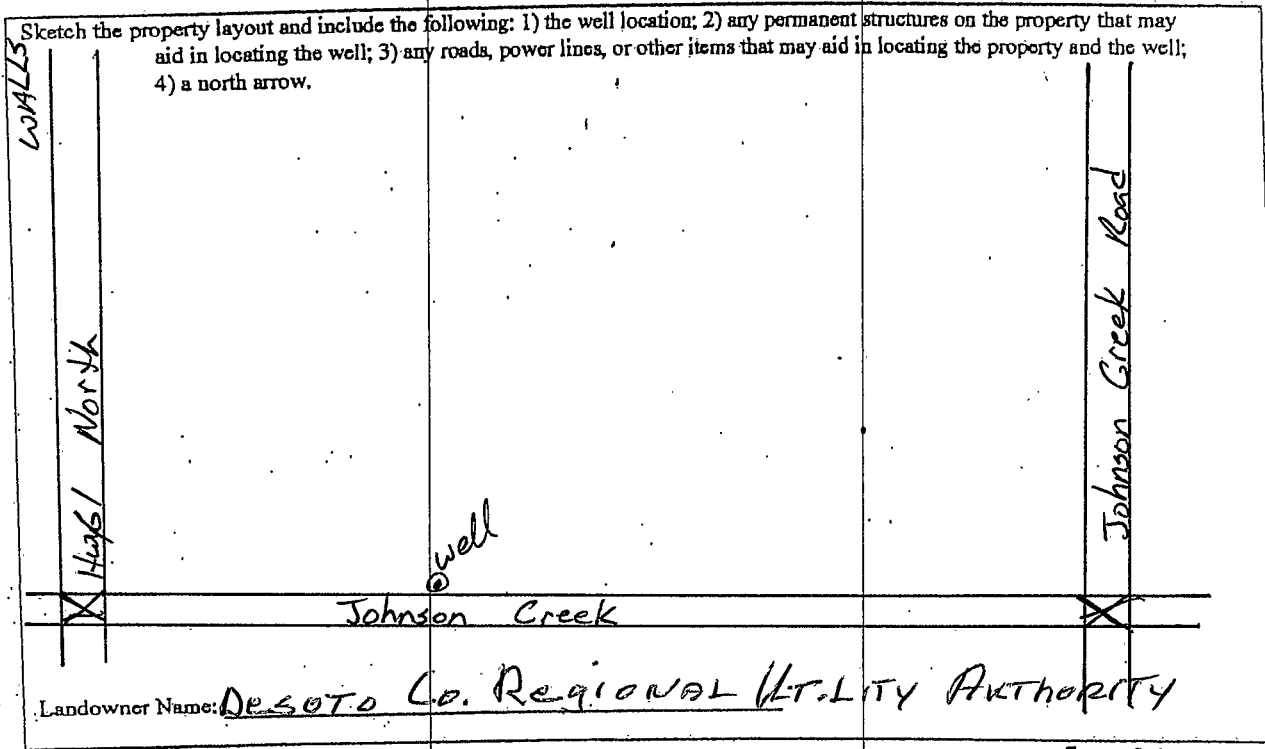
Ground Level \rightarrow



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	20
COARSE sand little	20	100
p- gravel		

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



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 *Charles M. Nichols*

Print Name of Responsible Licensee and License No. Date Signature of Licensee

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