County: Washington
Permit #:
Driller: Charles M. Nichols
Date drilling completed: 4-25-08

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 #: M-192
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: Dan Theunissen
HOLLANDALE FARMS
Mailing Address:
72 Tennison Rd.
Hollandale MS 38748
City State Zip Code
Telephone No. ( )

Well or Borehole Location

Latitude: 33° 13.020 N Longitude: 090° 48.504 W
01 30
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
___ ¼ ___ ¼ Sec 21 Twn 16N Rng 6W
Distance 3 Miles Direction NE of Nearest Town Hollandale

Well / Borehole Data

Date drilling started: 4-23-08 Date drilling completed: 4-25-08 Hole depth: 440 Hole diameter: 7 7/8 X 5 5/8

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

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: 26 feet above or below (circle one) land surface Date measured: 4-25-08

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

Well depth: 420 Well grouted to a depth of 15 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 400 feet Casing diameter: 4X2 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 2 inches Type of screen: pvc

Screen slot size: .008 inches Setting depth: From 400 feet to 420 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: 180 feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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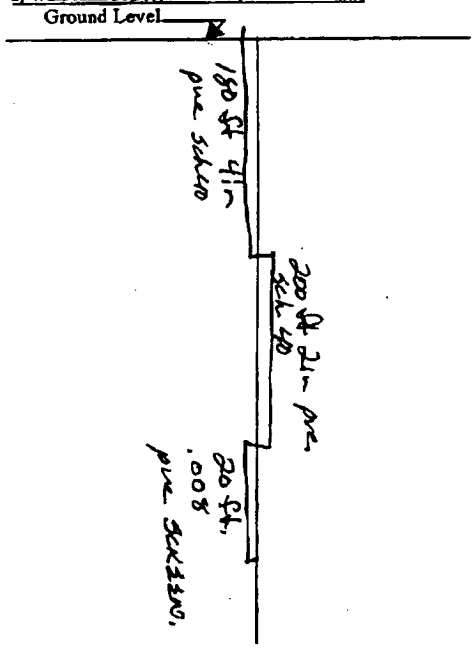
M-197

The sketch below only required for water wells

If well telescopes, show depths on sketch

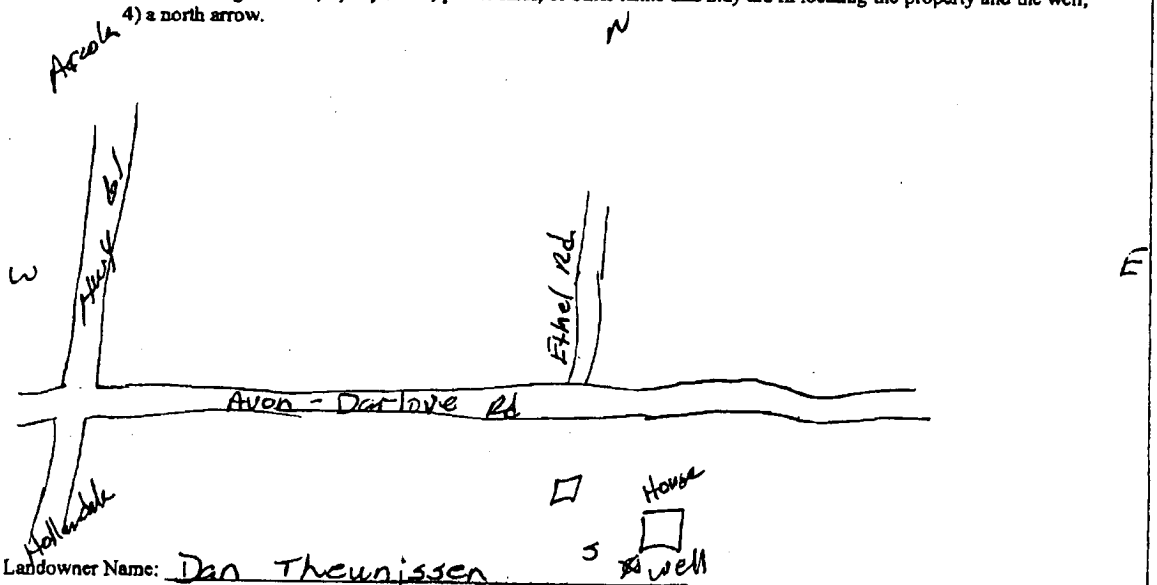


If more than one screen, show location of each on sketch

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)
	Ground Level	
clay		17
fine to med sand	17	60
Course sand p-gravel	60	128
+ gravel		
clay	128	197
Sand + clay streeks	197	300
fine sand	300	340
fine to med sand	340	380
med to course sand	380	420
fine to med sand	420	440

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.



Landowner Name: Dan Theunissen

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 5-3-08 Charles M. Nichols

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

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BY: OLWR

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: Washington
Permit #:
Driller: Charles M. Nichols
Date completed: 4-25-08
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: M-197
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

Owner Name: Dan Theunissen
Mailing Address: Hollandale Farms
72 Tennison Rd.
Hollandale MS 38748
City State Zip Code

Telephone No. ( )

Well Location

Latitude: 33°13.020N Longitude: 090°48.504W
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS ✓, Survey-grade GPS___
___ ¼ ___ ¼ Sec___ T___ R___
Distance Direction Nearest Town
3 Miles NE of Hollandale

Pump Type
Circle one

Air Lift, Jet, (Submersible), Bucket, Piston, Turbine, Centrifugal, Rotary, Flowing Well
Other (specify):
Date Pump Installed: 4-25-08
Rated Pump Capacity: 18 Gallons Per Minute

Power Type
Circle one

Diesel Engine, Gasoline Engine, Natural Gas, (Electric Motor), Hand, Tractor PTO, Windmill, Other (specify):
Horse Power Rating of Motor: 1 Hp.
Setting Depth: 100 feet
Number of Stages: 9

Pump Test Data

Date Well Tested:
Static Water Level (A): 26 Feet Below Land Surface
Pumping Water Level (B): ___ Feet Below Land Surface
Drawdown [(B) – (A)]: ___ Feet Below Land Surface
Test Pumping Rate: ___ Gallons Per Minute
Duration of Pump Test (minimum 4 hours): ___ hours

Method of Measuring Water Level
Circle one

Air Line, Electric Measuring Line, (Steel Tape)
Other (specify):
For flowing well, measured shut in head: ___ feet
Well yielded 18 GPM with a drawdown of ___ feet after ___ hours of pumping

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

Charles M. Nichols 0-0667
Print Name of Pump Installer and License No. (if applicable)

Charles M. Nichols
Signature of Pump Installer

Form: OLWR SWR-08

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