

County: Washington
 Permit #: GW-46042 ✓
 Driller: Charles M. Nichols
 Date drilling completed: 5-21-13

STATE WELL REPORT

Part 1

Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601) 961-5210
 (601) 360-0535 (fax)

For Office Use Only:
 Well #: E 220
 Aquifer: _____
 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.

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Dean Cumber</u>	Latitude: <u>33°21'38.09"N</u> Longitude: <u>90°56'7.71"W</u>
Mailing Address: <u>New Panther Farms</u> <u>P.O. Box 163</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <u>Gaugle Earth</u>
<u>Panther Burn MS. 38765</u> City State Zip code	<input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
Telephone No. () -	<u>SW 1/4 SW 1/4, Sec 33 T18N R 7W</u>
	<u>3 1/2</u> Miles <u>SW</u> of <u>Leland</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 5-21-13 Date drilling completed: 5-21-13 Hole depth: 92 Hole diameter: 26

Location of the source of any surface water used for drilling: Ditch

Method of dosing and volume of Chlorine used in drilling and development: M+H

Logs run (check 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 all applicable): Home Industrial Public Supply Irrigation Fish Culture
 Other (describe): _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 24 feet [above or below] land surface Date measured: 5-28-13
 (check one)

Method of Measurement (check one) Steel tape Electric tape Air line Other: (describe) _____

Well depth: 92 Well grouted to a depth of: 10 feet Type of grout (check one): Neat Cement Bentonite Mix

Casing length: 52 feet Casing diameter: 16 inches Type of casing: PM

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

Screen slot size: .032 inches Setting depth: From 54 feet to 92 feet

Type of completion (check all applicable): Gravel packed Underreamed 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

County: Washington
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For Office Use Only:
Well #: E220

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)
	Ground level	
<u>clay</u>	<u>0</u>	<u>45</u>
<u>med to coarse sand</u>	<u>45</u>	<u>50</u>
<u>coarse sand + p-gravel</u>	<u>50</u>	<u>92</u>
<u>clay.</u>	<u>92</u>	

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

Landowner Name: Dean Cumba

I HEREBY 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 667 4-7-14 Charles M. Nichols
Print Name of Responsible Licensee and License No. Date Signature of Licensee

County: Washington
 Permit #: GW-46042
 Driller: Charles M. Nichols
 Date drilling completed: 5-21-13
Copy information from block on Part 1

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601) 961-5210
 (601) 360-0535 (fax)

For Office Use Only:
 Well #: E22C
 Aquifer: _____

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>Dean Cumbs</u>	Latitude: <u>33°21'38.09"N</u> Longitude: <u>90°56'7.71"W</u>
Mailing Address: <u>New Panther Farms</u> <u>P.O. Box 163</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input checked="" type="checkbox"/> <u>Google Earth</u>
<u>Panther Burn Ms. 38765</u> City State Zip code	<input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
Telephone No. () -	<u>SW 1/4 SW 1/4, Sec 33 T18N R7W</u>
	<u>3 1/2</u> Miles <u>SW</u> of <u>Leland</u> (Distance) (Direction) (Nearest Town)

Pump Type (check one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed 5-28-13 Rated Pump Capacity: 1500 Gallons Per Minute

Is This Pump (check one): New Repaired Replacement

Power Type (check one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 40 Setting Depth: 70 feet Number of Stages: 1

Pump Test Data for Non Flowing Well

Date Well Tested: 5-28-13 Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 24 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

Method of measurement (check one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet

Well yielded _____ GPM with a drawdown of _____ feet after 5 hours of pumping

Meter Installation

Meter Manufacturer: Geper Meter Serial Number: 0872122

Meter Model Number/Name: 8" Type of Meter: propeller

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: 5-28-13 Meter installed by: Charles M. Nichols

Is This Meter (check one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Charles M. Nichols 667 4-7-14 Charles M. Nichols
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer