

County: Sunflower
 Permit #: GLW-44102
 Irrigation Equipment
 Date drilling completed: 4-4-11

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
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: 143
 Well #: _____
 L. S. Identifier: _____
 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>M^s Gregor Land Management LLC</u> Mailing Address: <u>397 Blaine Road</u> <u>Sunflower Ms. 38778</u> City State Zip Code Telephone No. () _____		Well or Borehole Location Latitude: <u>33.36322</u> Longitude: <u>90.34164</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>NE 1/4 SE 1/4 Sec 2 Twp 20N Rng 4W</u> Distance Direction Nearest Town <u>2 Miles E of Steiner</u>
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Well / Borehole Data
 Date drilling started: 4-4-11 Date drilling completed: 4-4-11 Hole depth: 126 Hole diameter: 18"
 Location of the source of any surface water used for drilling: Surface Water
 Method of dosing and volume of Chlorine used in drilling and development: 50 PPM
 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 _____
 Scientific 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: 49 feet above or below (circle one) land surface Date measured: 4-6-11
 Method of measurement (circle one): steel tape electric tape air line other: _____
 Well depth: 126 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 86 feet Casing diameter: 10 inches Type of casing: PVC
 Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC
 Screen slot size: .050 inches Setting depth: From 87 feet to 126 feet
 Type of completion (circle all applicable): Gravel packed Unscreened 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*

Company: Sunflower
 Permit #: GW-44102
 Irrigation Equipment
 Dealer:
 Date completed: 4-4-11
 Copy information from 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
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: _____
 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	Well Location
Owner Name: <u>McGregor Land Management LLC</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>397 Blaine Road</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
<u>Sunflower Ms. 38778</u> City State Zip Code	<u>NE 1/4 SE 1/4 Sec 2 T20N R 4W</u>
Telephone No. () _____	Distance _____ Direction _____ Nearest Town _____ <u>2</u> Miles <u>E</u> of <u>Steiner</u>

Pump Type	Power Type
Circle one: Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/> Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/> Other (specify): _____	Circle one: Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> Windmill <input type="checkbox"/> Other (specify): _____
Date Pump Installed: <u>4-6-11</u>	House Power Rating of Motor: <u>25</u>
Rated Pump Capacity: <u>1100 ±</u> Gallons Per Minute	Setting Depth: <u>70</u> feet
	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level
Date Well Tested: _____	Circle one: Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/> Other (specify): _____
Static Water Level (A): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Pumping Water Level (B): _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
 Patrick M Chism 0695
 Print Name of Pump Installer and License No. (if applicable) _____ Signature of Pump Installer _____