

Sunflower

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)

County: Sunflower
 Permit #: GW-44256
 Driller: Cook Drilling Co., Inc.
 Date drilling completed: May 20-2010

For Office Use Only:
 Aquifer: H 198
 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)	Well or Borehole Location
Owner Name: <u>Rodney H. Walker Partnership</u>	Latitude: <u>33° 38' 35"</u> Longitude: <u>90° 30' 14"</u>
Mailing Address: <u>74 Cochran Rd.</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Shaw MS 38773</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NW 1/4 SW Sec 34 Twn 21 N Rng 27 W</u> <u>3W</u>
Telephone No. <u>(662) 843-1753</u>	Distance Direction Nearest Town <u>10 Miles SE of Cleveland</u>

Well / Borehole Data

Date drilling started: May 2010 Date drilling completed: 5-20-10 Hole depth: 120 Hole diameter: 22"

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

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: 46 feet above or below (circle one) land surface Date measured: 5-20-10

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 80 feet Casing diameter: 10 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC

Screen slot size: 50 inches Setting depth: From 80 feet to 120 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*

Form: OLWR-SWR-1A (04/08)

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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)

County: Sumner
 Permit #: GW 44256
 Driller: Cook Drilling Co. Inc
 Date completed: 5-25-10
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: H198
 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>Rodney H. Walker Farm Partnership</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>74 Cochran Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Shaw</u> <u>MS.</u> <u>38773</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>34</u> T <u>21</u> R <u>03W</u>
Telephone No. (662) <u>843-1753</u>	Distance Direction Nearest Town
	<u>10</u> Miles <u>SE</u> of <u>Clarksland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>15</u>
Date Pump Installed: <u>5-25-10</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>800</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line <input checked="" type="radio"/> Steel Tape
Static Water Level (A): <u>46</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Selby Cook Cook Drilling Co. Inc. Selby Cook
 Print Name of Pump Installer and License No. (if applicable) 289 Signature of Pump Installer

Form: OLWR-SWR-1B (04/08)
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 JUL 12 2010
 BY: [Signature]