County: Greene

Permit #:

Driller: Rayburn Drlg #060

Date drilling completed: 3/10/06

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 #: J-23

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: SG RESOURCES, LLC

Mailing Address: 7500 San Felipe
Suite 600

Houston Tx 77063
City State Zip Code

Telephone No. (713) 914 8188

Well or Borehole Location

Latitude: 31 ° 10 ' .052" 03 Longitude: 88 ° 45 ' .087" 05

Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS

NE ¼ SE ¼ Sec 13 Twn 3N Rng 8W

Distance 3 Miles Direction N of Nearly
Nearest Town

Well / Borehole Data

Date drilling started: 3/8/06 Date drilling completed: 3/10/06 Hole depth: 500 Hole diameter: 7 7/8

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: No Log run

Name of organization running log(s):

(Attach copy of log to this report)

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: Rig Supply

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

Static Water Level: 130.15 feet above or below (circle one) land surface Date measured: 3/31/06

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

Well depth: 485 Well grouted to a depth of 15 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 465 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 465 feet to 485 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***

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The sketch below only required for water wells

If well telescopes, show depths on sketch.

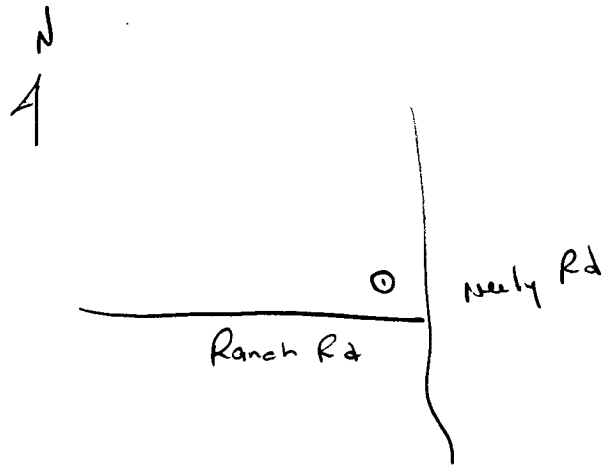
Ground Level

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)
Top Soil	Ground Level	6
Sand	6	32
Sand w/clay	32	60
Sandy Clay	60	105
Clay	105	165
Sandy Clay	165	175
Clay	175	205
Sandy Clay	205	215
Clay	215	435
Sandy Clay	435	470
Sand	470	500

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: _____

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.

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Gary Rayburn #060 — **Print Name of Responsible Licensee and License No.**

6/15/05 — **Date**

Signature of Licensee

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: Greene
Permit #:
Driller: Rayburn Drlg
Date completed: 3-31-06
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: J-23
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: SG Resources, LLC
Mailing Address: 7500 San Felipe
Suite 600
Houston Tx 77063
City State Zip Code
Telephone No. (713) 914 8188

Well Location

Latitude: 31 10 .052 03 Longitude: 88 45 .087 05
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS ✓, Survey-grade GPS___
NE ¼ SE ¼ Sec 13 T 3N R 8W
Distance 3 Miles N of Neely

Pump Type
Circle one

Air Lift	Jet	(Submersible)
Bucket	Piston	Turbine
Centrifugal	Rotary	Flowing Well

Other (specify):
Date Pump Installed: 3/31/06
Rated Pump Capacity: 75 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: 5hp
Setting Depth: 200' feet
Number of Stages: -4-

Pump Test Data

Date Well Tested: NA
Static Water Level (A): ____ 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 70 GPM with a drawdown of NA feet after ____ hours of pumping

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

Gary Rayburn #060
Print Name of Pump Installer and License No. (if applicable)

Signature of Pump Installer