

# 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 #: B-77  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Lee  
Permit #: MS-6W-16303  
Driller: Parks & Parks  
Date drilling completed: 6/8/07

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>Guntown Town of</u>	Latitude: <u>34° 27' 10"</u> Longitude: <u>88° 40' 11"</u>
Mailing Address: <u>1527 MAIN STREET</u>	Method of Lat/Long (circle one): Conventional Survey, _____ USGS quad, Hand-held GPS, Survey-grade GPS
<u>Guntown MS 38849</u>	____ 1/4 ____ 1/4 Sec <u>21</u> Twn <u>7S</u> Rng <u>6E</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. (____) _____	<u>1 1/4</u> Miles <u>NW</u> of <u>Guntown</u>

**Well / Borehole Data**

Date drilling started: 4/10/07 Date drilling completed: 6/8/07 Hole depth: 525 Hole diameter: 17 1/2"

Location of the source of any surface water used for drilling: Town of Guntown

Method of dosing and volume of Chlorine used in drilling and development: 5 ppm

Logs run (circle all applicable): No log run  Electric  Gamma Ray  Density  Sonic  Neutron Other: \_\_\_\_\_

Name of organization running log(s): MSGS

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: 126.33 feet above or below (circle one) land surface Date measured: 6/22/07

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

Well depth: 525 Well grouted to a depth of 445 feet Type of grout (circle one)  Neat Cement  Bentonite Mix

Casing length: 445 feet Casing diameter: 12 inches Type of casing: Steel

Screen length: 70 feet Screen diameter: 8 inches Type of screen: Stainless Steel

Screen slot size: .016 inches Setting depth: From 455 feet to 525 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: 385 feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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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 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

#### For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: B-77  
 Elevation: \_\_\_\_\_

County: Lee  
 Permit #: \_\_\_\_\_  
 Driller: \_\_\_\_\_  
 Date completed: March 4, 2008  
 Copy information from black on Part 1

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>Town of Guntown</u>	Latitude: <u>34 27 10</u> Longitude: <u>88 40 11</u>
Mailing Address: <u>1527 MAIN ST</u> <u>GUNTOWN, MS 38849</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4 Sec <u>21</u> T. <u>75</u> R. <u>6E</u>
Telephone No. ( ) _____	Distance _____ Direction _____ Nearest Town _____
	<u>1 1/4</u> Miles <u>NW</u> of <u>Guntown</u>

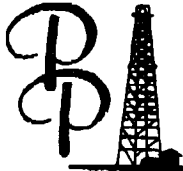
Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <b>Turbine</b> <input checked="" type="checkbox"/>	<b>Electric Motor</b> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>40</u>
Date Pump Installed: <u>1/15/08</u>	Setting Depth: <u>350</u> feet
Rated Pump Capacity: <u>250</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>Feb 23, 2008</u>	Air Line <input type="checkbox"/> <b>Electric Measuring Line</b> <input checked="" type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>126.33</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>304</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>309</u> Feet Below Land Surface	Well yielded <u>1.3</u> GPM with a drawdown of
Test Pumping Rate: <u>250</u> Gallons Per Minute	<u>178</u> feet after <u>8</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>8</u> hours	

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

Rayburn Parks 0-414  
 Print Name of Pump Installer and License No. (if applicable)

Rayburn Parks  
 Signature of Pump Installer



PARKS & PARKS WELL SERVICE, INC.

B-77

Post Office Box 32 • Houston, MS 38851

Water Well Contractors  
Oil Field Services

PHONE: 662-456-2011  
800-844-2011  
FAX: 662-456-2284

May 15, 2007

Cook Coggin Engineers, Inc.  
P.O. Box 1526  
703 Crossover Road  
Tupelo, MS 38802  
Attn: Tim Rogers

RE: Town of Guntown

Static Level	126.33
Draw Down @ 1.4 GPF	178.00
Pumping Level	304.00
80 PSI Above	185.00
Total Head @ 250 GPM	494.00

10SC-10 Stage Oil Lube Bowl  
Set on 350 of 5' x 2" x 1 1/4" Column Assembly  
40HP US Motor

~~Parks & Parks Well Service, Inc.~~

Rayburn Parks, President