

Raleigh CO<sub>2</sub> Plant

# State Well Report

## Part 1

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: J52  
Well #: \_\_\_\_\_  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Smith  
Permit #: \_\_\_\_\_  
Driller: John W Thompson  
Date drilling completed: 7-21-10

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information			Well Location	
Owner Name	<u>Tellus Operating</u>		Latitude: <u>31.58.38</u> "	Longitude: <u>89.34.45</u> "
Mailing Address:	<u>602 Crescent Plaza ste 100</u>		Method of Lat/Long (circle one): Conventional Survey,	
	<u>Ridgeland MS</u>		USGS quad, Hand-held GPS, Survey-grade GPS	
City	State	Zip Code	<u>9E 1/4 9E 1/4 Sec 28 Twn 2N Rng 7E</u>	
Telephone No. ( )	_____		Distance	Direction
			<u>4</u> Miles	<u>S2</u> of <u>Raleigh</u>

**Well Data**

Purpose of Well (circle one) Home  **Industrial**  Public Supply  Irrigation  Fish Culture  Other: \_\_\_\_\_

Date well drilling started: 7-19-10 Date well drilling completed: 7-21-10

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 50' feet above or **below** (circle one) land surface Date measured: 7-21-10

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

Hole depth: 210 Well depth: 200 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement  **Bentonite**  Mix

Casing length: 170 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .010 inches Setting depth: From 170 feet to 200 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 back of page

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

Name of organization running log(s): \_\_\_\_\_

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

John W Thompson 0-679  
Print Name of Water Well Contractor and License No.

John W Thompson  
Signature of Water Well Contractor

RECEIVED  
JUL 29 2010  
BY: OLWF



# 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: J52  
 Well #: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

County: Smith  
 Permit #: \_\_\_\_\_  
 Driller: John W Thompson  
 Date completed: 7-21-10  
 Copy information from block 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>Tellus Operating</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>602 Crescent Plaza Ste 100</u> <u>Ridgeland MS</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ _____ 1/4 _____ 1/4 Sec <u>28</u> T <u>2N</u> R <u>7E</u>
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____ <u>4</u> Miles <u>SW</u> of <u>Raleigh</u>
Telephone No. ( ) _____	

Pump Type Circle one	Power Type Circle one
Air Lift _____ Jet _____ <u>Submersible</u>	Diesel Engine _____ Gasoline Engine _____ Natural Gas _____
Bucket _____ Piston _____ Turbine _____	Electric Motor _____ Hand _____ Tractor PTO _____
Centrifugal _____ Rotary _____ Flowing Well _____	Windmill _____ Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>7-21-10</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-21-10</u>	<u>Air Line</u> _____ Electric Measuring Line _____ Steel Tape _____
Static Water Level (A): <u>50</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>75</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>25</u> Feet Below Land Surface	Well yielded <u>70</u> GPM with a drawdown of
Test Pumping Rate: <u>70</u> Gallons Per Minute	<u>25</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

John W Thompson 0-679 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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JUL 29 2010

BY OLWR