

County: Bolivar
 Permit #: GW-44507
 Driller: Cook Drilling Co. Inc
 Date drilling completed: 1-25-11

State Well Report
Part I - 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: N 143
 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>Circle H JV</u>	Latitude: <u>33° 38' ⁴⁵ 757" Longitude: <u>90° 61' ⁴⁶ 226"</u></u>
Mailing Address: <u>684 Laughlin Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Cleveland Ms. 38732</u>	<u>S 10 1/4 S 15 1/4 Sec 19 Twn 21 N Rng 06 W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 843-5842</u>	<u>2 Miles W of Pitkin</u>

Well / Borehole Data

Date drilling started: 1-25-11 Date drilling completed: 1-25-11 Hole depth: 120 Hole diameter: 28

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: 37 feet above or below (circle one) land surface Date measured: 1-25-11

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

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

Casing length: 80 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: 050 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*

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BY: OIWR

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: Bolivar
 Permit #: GW-44507
 Driller: COOK DRILLING CO., INC.
 Date completed: 2-15-11
 Copy information from block on Part 1

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>Circle H IV</u>	Latitude: <u>33-28-25N</u> Longitude: <u>90-61-77W</u>
Mailing Address: <u>684 Laughlin Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Cleveland</u> <u>MS</u> <u>38732</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SW 1/4 Sec 19 T. 21 N. R. 06 W</u>
Telephone No. <u>(662) 843-5842</u>	Distance _____ Direction _____ Nearest Town _____
	<u>2</u> Miles <u>W</u> of <u>Lifton</u>

Pump Type Circle one	Power Type Circle one
Air Lift: Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket: Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal: Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>40</u>
Date Pump Installed: <u>2-15-11</u>	Setting Depth: <u>70'</u> feet
Rated Pump Capacity: <u>1600</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 <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>32</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.

COOK DRILLING CO., INC. 289
Print Name of Pump Installer and License No. (if applicable)

Silvanus Reed
Signature of Pump Installer

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