

12/18/2007 10:27 FAX 8627673107

DONALD SMITH CO., INC

002

County: Prewitt
 Permit #: 61016347
 Driller: Donald Smith Co
 Date drilling completed: 9/10/07

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 #: D-45
 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: Holcut Cairo Water Assn
 Mailing Address: 659 Hwy 365
Booneville, MS 38829
 City State Zip Code
 Telephone No. () _____

Well or Borehole Location
 Latitude: 34° 44' 54" N Longitude: 88° 22' 09" W
 Method of Lat/Long (circle one): Conventional Survey,
 USGS quad (Hand-held GPS) Survey-grade GPS
SW 1/4 SW 1/4 Sec 8 Twn 45 Rng 9 E
 Distance Direction Nearest Town
10 Miles E of Rienzi

Well / Borehole Data
 Date drilling started: 5/17/07 Date drilling completed: 9/10/07 Hole depth: 575' Hole diameter: 18"
 Location of the source of any surface water used for drilling: Public Supply
 Method of dosing and volume of Chlorine used in drilling and development: Tablet water used
 Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): MS Geological Survey
 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: 235 feet above or below (circle one) land surface Date measured: _____
 Method of Measurement (circle one) steel tape electric tape _____ air line _____ other: _____
 Well depth: 575' Well grouted to a depth of 490 feet Type of grout (circle one) Near Cement Bentonite Mix
 Casing length: 490 feet Casing diameter: 18" inches Type of casing: Steel
 Screen length: 80 feet Screen diameter: 8 inches Type of screen: SS Ribbed
 Screen slot size: .030 inches Setting depth: From 495 feet to 575 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: 435 feet If telescoped or more than one screen, describe on next page

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DONALD SMITH CO., INC

005

STATE WELL REPORT

County: Pleasant
 Permit #: GW16347
 Driller: Donald Smith Co
 Date completed: _____
Copy information from block on Part 1

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 #: D-45
 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>Holcut Cairo Water Assn</u>	Latitude: <u>344454N</u> Longitude: <u>882209W</u>
Mailing Address: <u>659 Hwy 365</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Booneville MS 38829</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec. <u>8</u> T <u>45</u> R <u>9E</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>10</u> Miles <u>E</u> of <u>Rienzi</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>75</u>
Date Pump Installed: _____	Setting Depth: <u>380</u> feet
Rated Pump Capacity: <u>500</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12/13/07</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>235</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>318</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>83</u> Feet Below Land Surface	Well yielded <u>570</u> GPM with a drawdown of
Test Pumping Rate: <u>570</u> Gallons Per Minute	<u>83</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

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

Donald E. Smith 0-767
 Print Name of Pump Installer and License No. (if applicable)

Donald E. Smith
 Signature of Pump Installer

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Form: OLWR-SWR-1B

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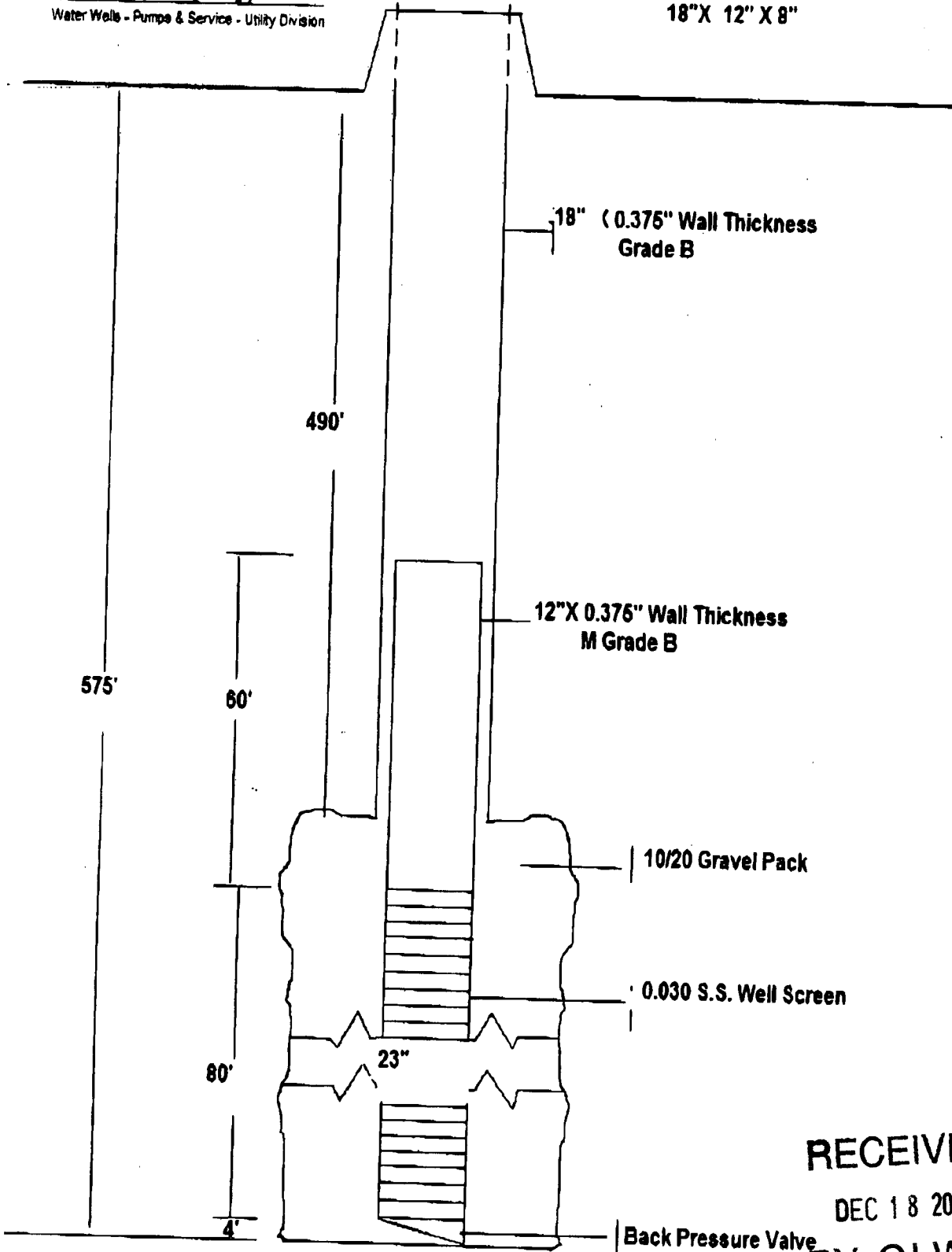
DONALD SMITH CO., INC

004

6W16347

**Donald Smith
Company, Inc.**
Water Wells - Pumps & Service - Utility Division

**Holcut-Cairo Well
Design**
18" X 12" X 8"



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