

County: LOWNDES  
 Permit #: MS-GW-16201  
 Driller: LAYNE-CENTRAL  
 Date Drilling Completed: 5/17/06

**Well Driller Report and Well 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. 35  
 L. S. Elevation: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

**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.**

Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name <u>SEVERCORR, LLC</u>	E-log : <u>33° 27' 18"</u> <u>88° 34' 41"</u> Latitude: <u>N 33° 27' 11"</u> Longitude: <u>W 088° 34' 39"</u>
Mailing Address: <u>PO BOX 1467</u> <u>COLUMBUS</u> <u>MS</u> <u>MS</u> <u>39701</u> City                      State      Zip Code	Method of Lat/Long (circle one):      Conventional Survey USGS quad, <input checked="" type="checkbox"/> Hand-Held GPS,      Survey-grade GPS <u>NE</u> ¼ <u>SW</u> ¼      Sec <u>1</u> Twn <u>18N</u> Rng <u>16E</u>
Telephone No.      ( <u>662</u> ) <u>570-4138</u>	Distance                      Direction                      Nearest Town <u>10</u> Miles <u>WEST</u> of <u>COLUMBUS</u>

**Well Data**

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

Date well drilling started: 2/20/06                      Date well drilling completed: 5/17/06

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

Static Water Level: 101 feet above or  below (circle one) land surface      Date Measured: 5/18/06

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

Hole depth: 1489'                      Well depth: 1400'                      Well grouted to a depth of: 1245 feet

Type of grout (circle one):       Cement                      Bentonite                      Mix

Casing length: 1245 feet      Casing diameter: 20 inches      Type of casing: COATED STEEL

Screen length: 150 feet      Screen diameter: 14 inches      Type of screen: STAINLESS

Screen slot size: 0.030 inches                      Setting depth: From 1250 feet to 1400 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: 1050 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): LAYNE-CENTRAL, JACKSON, MS

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

DAVE COOK                      692  
 Print Name of Water Well Contractor and License No.                      Signature of Water Well Contractor

**RECEIVED**  
 AUG 07 2006  
 BY: OLWR

J-35

Ground Level

Description of Formations Encountered	From	To
FILL	0	10
HARD GRAY SLATE	10	270
SANDY SHALE	270	304
ROCK	304	305
SANDY SHALE	305	317
ROCK	317	318
SANDY SHALE	318	328
ROCK	328	329
MEDIUM SAND STREAKS OF SHALE	329	404
HARD BLACK SHALE	404	756
HARD BROWN SHALE	756	891
MEDIUM SAND	891	908
HARD BROWN SHALE	908	947
MEDIUM SAND	947	971
HARD SHALE	971	1196
ROCK	1196	1197
HARD SHALE	1197	1201
ROCK	1201	1202
SHALE	1202	1212
MEDIUM SAND CLAY STREAKS	1212	1245
MEDIUM TO COARSE SAND	1245	1352
MEDIUM TO COARSE SAND; CLAY STREAKS	1352	1402
SAND WITH LOTS OF CLAY STREAKS	1402	1469
HARD SHALE	1469	1489

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) indicate direction.

Landowner's Name: SEVERCORR, LLC

*Dave Boh*  
 Signature of Water Well Contractor

# 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 #: J-35  
Elevation: \_\_\_\_\_

County: LOWNDES  
Permit #: MS-GW-16201  
Driller: LAYNE-CENTRAL  
Date Completed: 12/4/06

**This part of the report must be completed by the pump installer in detail and filed with the Department within 30 days of the installation of pump. A copy of Part 1 of this report must be attached to this report.**

Well Owner Information	Well Location
Owner Name <u>SEVERCORR, LLC</u>	Latitude: <u>N 33° 27' 11"</u> Longitude: <u>W 088° 34' 39"</u>
Mailing Address: <u>PO BOX 1467</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>COLUMBUS</u>	USGS quad _____ Hand-Held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
<u>MS</u> <u>MS</u> <u>39701</u>	<u>NE ¼</u> <u>SW ¼</u> Sec <u>1</u> T <u>18N</u> R <u>16E</u>
City                              State      Zip Code	Distance                      Direction                      Nearest Town
Telephone No. ( <u>662</u> ) <u>570-4138</u>	<u>10</u> Miles <u>WEST</u> of <u>COLUMBUS</u>

Pump Type Circle One	Power Type Circle One
Air Lift                      Jet                      Submersible	Diesel Engine              Gasoline Engine              Natural Gas
Bucket                      Piston <input type="checkbox"/> Turbine	<input type="checkbox"/> Electric Motor                      Hand                      Tractor PTO
Centrifugal                      Rotary                      Flowing Well	Windmill                      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>500</u>
Date Pump Installed: <u>10/25/06</u>	Setting Depth: <u>380</u> feet
Rated Pump Capacity <u>2500</u> Gallons Per Minute	Number of Stages: <u>6</u>

Pump Test Data	Method of Measuring Water Level Circle One
Date Well Tested: <u>7/14/07</u>	<input type="checkbox"/> Air Line                      Electric Measuring Line                      Steel Tape
Static Water Level (A): <u>106</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>270</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>164</u> Feet Below Land Surface	Well yielded <u>2516</u> GPM with a drawdown of
Test Pumping Rate: <u>2516</u> Gallons Per Minute	<u>164</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.

DAVE COOK                                              692                                              Dave Cook  
Print Name of Pump Installer and License No. (if applicable)                                              Signature of Pump Installer

RECEIVED  
SEP 12 2007  
BY: OLWR