

0030001-01

County: Amite
 Permit #: MS-GW-16109
 Driller: Griner Drilling Service, Inc.
 Date drilling completed: 04/30/09

State Well Report
Part 1 - 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: _____
 Well #: A0067
 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 <u>Coles Water Association</u> Mailing Address: <u>326 Highway 33</u> <u>Crosby MS 39633</u> City State Zip Code Telephone No. () _____		Well or Borehole Location <u>31° 17' 23" 91° 02' 14"</u> Latitude: <u>31.17.385 NORTH</u> Longitude: <u>091.2.241 WEST</u> Method of Lat/Long (check one): Conventional Survey <input type="radio"/> USGS quad <input type="radio"/> Hand-held GPS <input checked="" type="radio"/> Survey-grade GPS <input type="radio"/> <u>SE ¼ SW ¼ Sec 23 Twn 04N Rng 02E</u> Distance Direction Nearest Town _____ Miles _____ of _____
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Well / Borehole Data
 Date drilling started: 3/5/09 Date drilling completed: 04/30/09 Hole depth: 760' Hole diameter: 21"
 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 (check all applicable): None Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): Griner Drilling Service, Inc.
 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: 240 feet above or below land surface Date measured: _____
 Method of Measurement (check one) steel tape electric tape air line other: _____
 Well depth: 588' Well grouted to a depth of 534 feet Type of grout (check one): Neat Cement Bentonite Mix
 Casing length: 534' feet Casing diameter: 16" inches Type of casing: Steel
 Screen length: 40 feet Screen diameter: 10" inches Type of screen: Muni Pak
 Screen slot size: .020 inches Setting depth: From 544 feet to 588 feet
 Type of completion (check 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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County: Amite
 Permit #: MS-GW-16109
 Driller: Griner Drilling Service, Inc.
 Date completed: 04/30/09
Copy information from block on Part 1

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)

For Office Use Only:

Aquifer: _____
 Well #: A0067
 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>Coles Water Association</u>	Latitude: <u>31.17.385 NORTH</u> Longitude: <u>31.17.385 NORTH</u>
Mailing Address: <u>326 Highway 33</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/> ,
<u>Crosby</u> <u>MS</u> <u>39633</u>	USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input checked="" type="radio"/>
City State Zip Code	_____ ¼ _____ ¼ Sec _____ T _____ R _____
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town _____ Miles of _____

Pump Type Check one	Power Type Check one
Air Lift <input type="radio"/> Jet <input type="radio"/> Submersible <input checked="" type="radio"/>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine <input type="radio"/>	Electric Motor <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal <input type="radio"/> 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>12/03/09</u>	Setting Depth: _____ feet
Rated Pump Capacity: <u>300</u> Gallons Per Minute	Number of Stages: <u>4</u>

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Pump Test Data	Method of Measuring Water Level Check one
Date Well Tested: <u>02/19/10</u>	Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>239.18</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>291.45</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>52.27</u> Feet Below Land Surface	Well yielded <u>305</u> GPM with a drawdown of
Test Pumping Rate: <u>305</u> Gallons Per Minute	<u>52.27</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

This is for (check one): New Well Replacement of Existing Pump Repair of Existing Pump

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

Charles H. Griner 0-184
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Test Well
 DRILLERS Log
 Coles Water

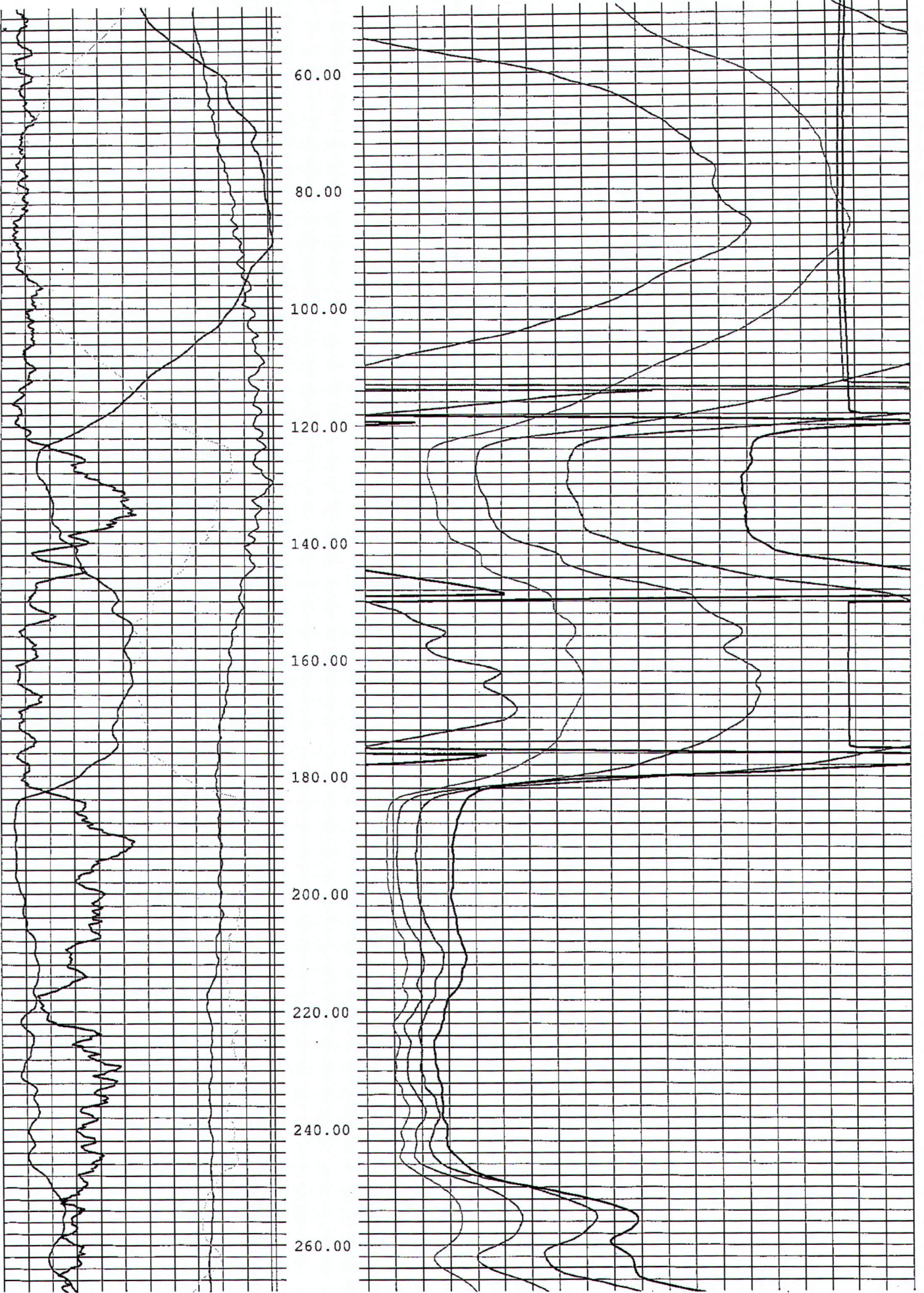
1	clay	20
2	clay	<u>20</u>
		40
3	clay	<u>20</u>
		60
4	clay	<u>20</u>
		80
5	sand	<u>20</u>
		100
6	sand	<u>20</u>
		120
7	sand	<u>20</u>
		140
8	sand	<u>20</u>
		160
9	sand	<u>20</u>
		180
10	clay	<u>20</u>
		200
11	clay	<u>20</u>
		220
12	clay	<u>20</u>
		240
13	clay	<u>20</u>
		260
14	clay	<u>20</u>
		280
15	sand	<u>20</u>
		300
16	sand	<u>20</u>
		320
17	sand + clay	<u>20</u>
		340

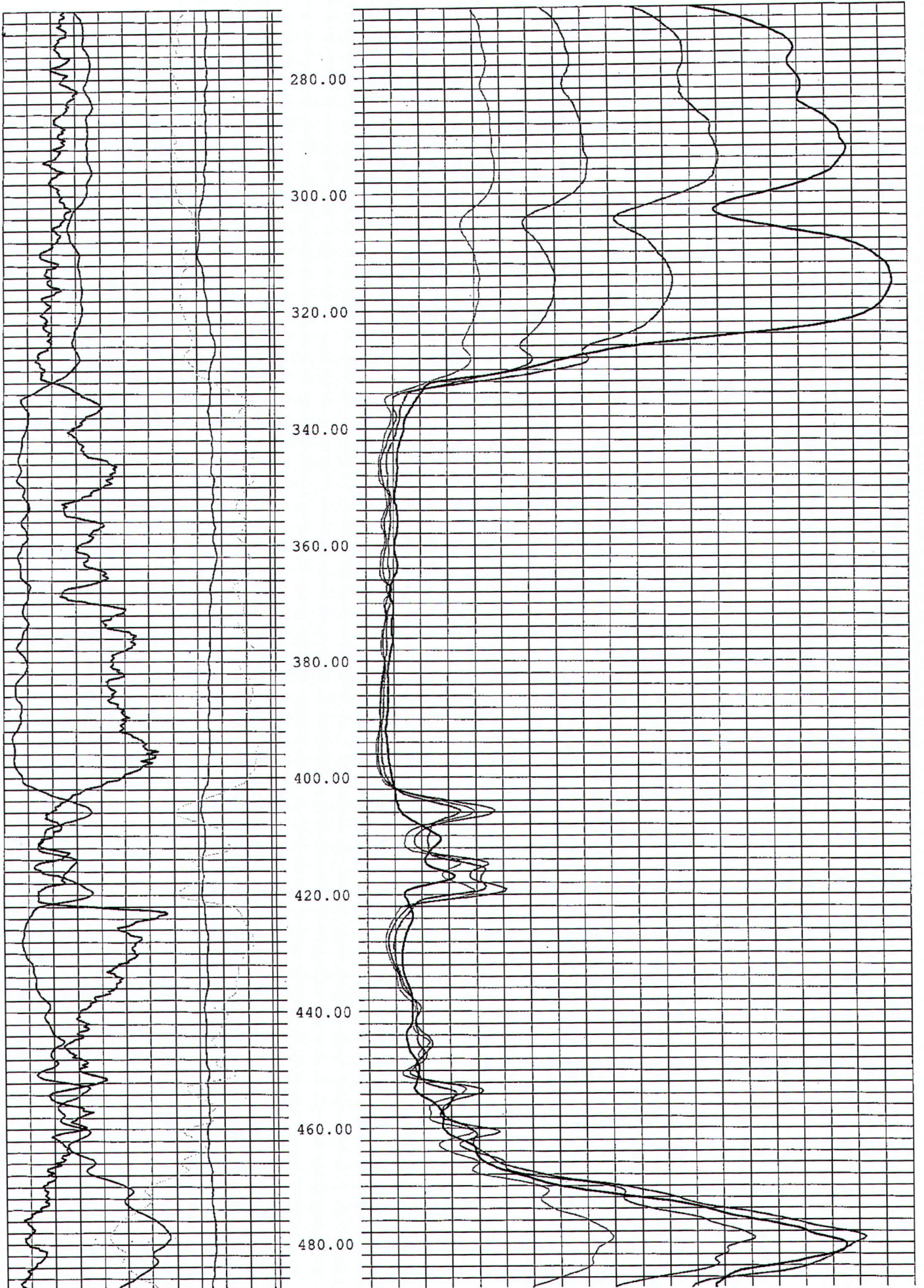
Received
 11/14/05
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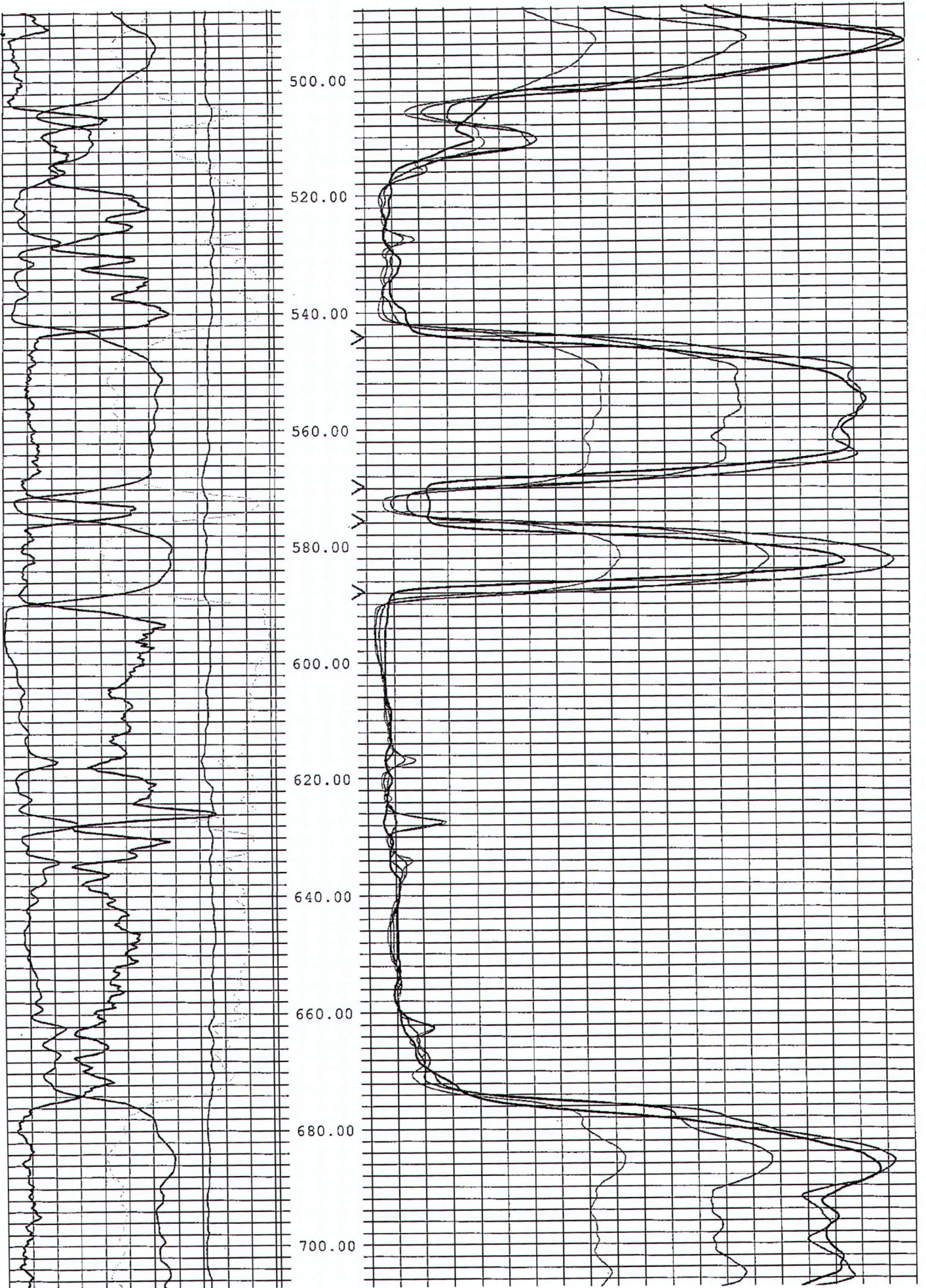
Coles Water 4-24-09

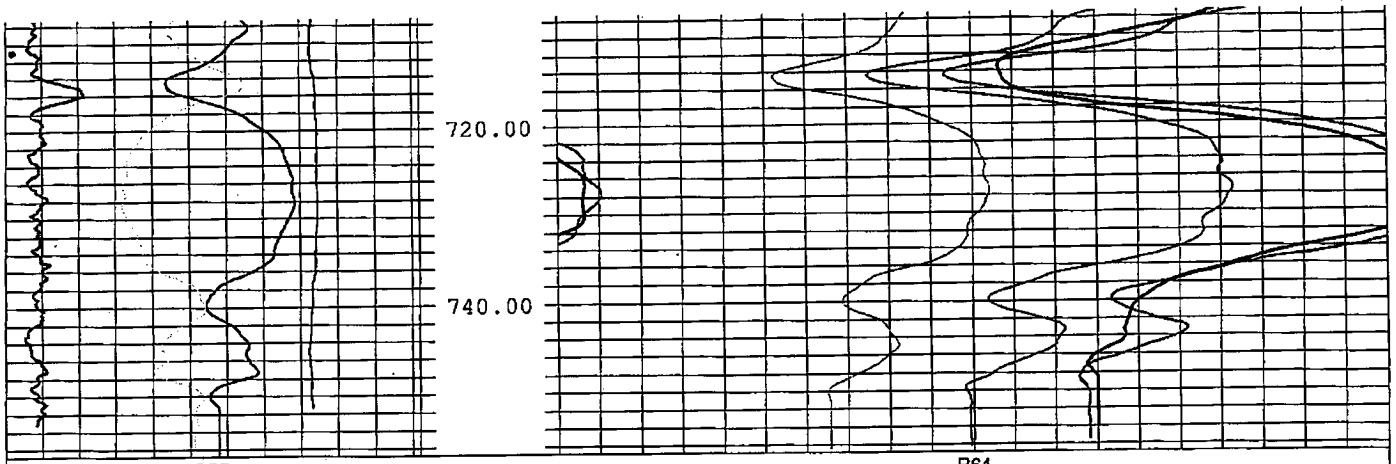
18	Pea Gravel	21.00	735.00
		- 378.00	Kelly - Streaked
19	Sand	21.00	25.00
		<u>399.00</u>	760.00
20	Sand	21.00	
		<u>420.00</u>	
21	Sand	21.00	
		<u>441.00</u>	
22	Sand	21.00	
		<u>462.00</u>	
23	Sand	21.00	
		<u>483.00</u>	
24	Sand	21.00	
		<u>504.00</u>	
25	Streaked	21.00	
		<u>525.00</u>	
26	Streaked	21.00	
		<u>546.00</u>	
27	Streaked	21.00	
		<u>567.00</u>	
28	Streaked	21.00	
		<u>588.00</u>	
29	Streaked	21.00	
		<u>609.00</u>	
30	Streaked	21.00	
		<u>630.00</u>	
31	Streaked	21.00	
		<u>651.00</u>	
32	Streaked	21.00	
		<u>672.00</u>	
33	cut 1.1/2" Sand	21.00	
		<u>693.00</u>	
34	Streaked	21.00	
		<u>714.00</u>	
35	Streaked	21.00	
		<u>735.00</u>	

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SPR			R64		
21	ohm	134	0	Ohm-m	300
	Current			R32	
122	mA	141	0	Ohm-m	300
	SP			R16	
177	mV	695	0	Ohm-m	300
	Gamma			R8	
8	CPS	176	0	Ohm-m	300

Depth
1ft:240ft