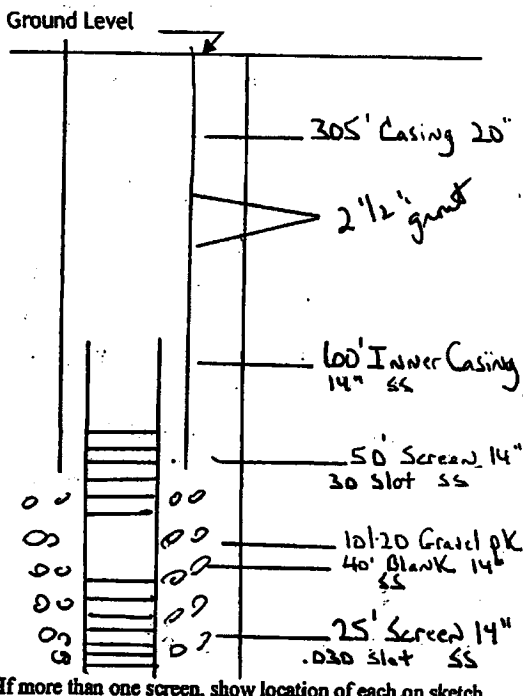


County: Desoto
 Permit #: MS-GW-17017

For Office Use Only:
 Well #: F-162

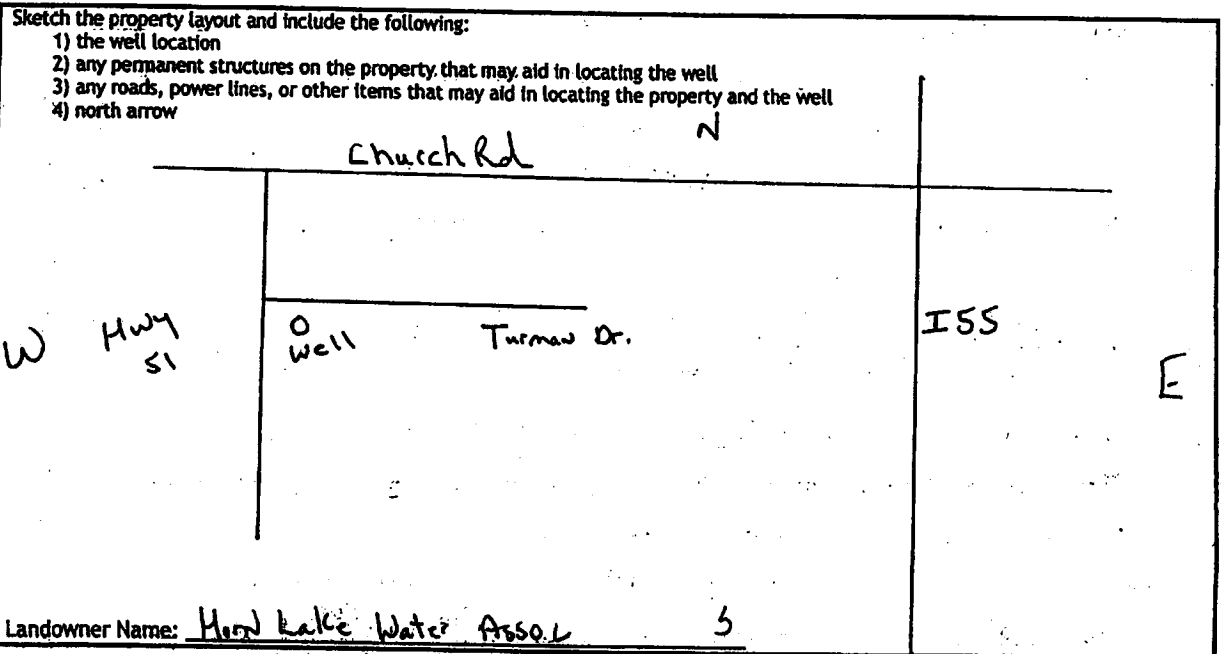
The sketch below only required for water wells
If well telescopes, show depths on sketch.

Description of formations encountered must be provided for all wells
and boreholes, unless specifically exempted by regulations



Description of Formations Encountered	From (depth)	To (depth)
	Ground level	
Red Clay	0	32
Red Clay Coarse Sand Big Gravel	32	66
White Clay	66	70
Sand	70	205
Sand & Clay Strks	205	260
White Clay	260	285
Blue Clay	285	300
Sand & Clay Strks	300	390
Sand	390	440
Blue Clay w/ Sand Strks	440	465

If more than one screen, show location of each on sketch



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

Robert L. Young, Jr. 4/23/13 Robert Young Jr.
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

Received
 APR 26 2016
 BY OLWR

STATE WELL REPORT

Part 2

County: DeSoto
 Permit #: MS-GW-17017
 Driller: Donald Smith Co
 Date completed: 3/05/14
Copy information from block on Part 1

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: F 162
 Aquifer: _____

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>Horn Lake Water Assoc</u>	Latitude: <u>34 55 38 N</u> Longitude: <u>90 00 19 W</u>
Mailing Address: <u>PO Box 151</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Horn Lake</u> <u>MS</u> <u>38637</u>	<u>SW 1/4 NW 1/4, Sec 12 T 25 R 8W</u>
City State Zip Code	<u>Inside Horn Lake City Limits</u>
Telephone No. () _____	Miles of _____ (Distance) _____ (Direction) _____ (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 10/11/2013 Rated Pump Capacity: 1500 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 125 Setting Depth: 250 feet Number of Stages: 4

Pump Test Data for Non Flowing Well

Date Well Tested: 10/15/2013 Duration of Pump Test (minimum 4 hours): 8 hours

Static Water Level (A): 135.8 Feet Below Land Surface Pumping Water Level (B): 178' Feet Below Land Surface

Drawdown [(B) - (A)]: 42.2 Feet Below Land Surface Test Pumping Rate: 1641 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: 110 feet.

Well yielded 1641 GPM with a drawdown of 42.2 feet after 8 hours of pumping

Meter Installation

Meter Manufacturer: McCrometer Meter Serial Number: 20131174

Meter Model Number/Name: M204-10 Type of Meter: Mainline

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): gal x 1000

Installation Date: 10/01/2013 Meter installed by: Donald Smith Co.

Is This Meter (circle one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Robert L. Young Jr. UNR-5671 3/5/14 Robert L. Young Jr.
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Form: OLWR-1B (4/6/2016)

Received
 APR 26 2016
 By OLWR

Horn Lake W/A
 GW-17017
 F-162
 MSO170010-06

Received

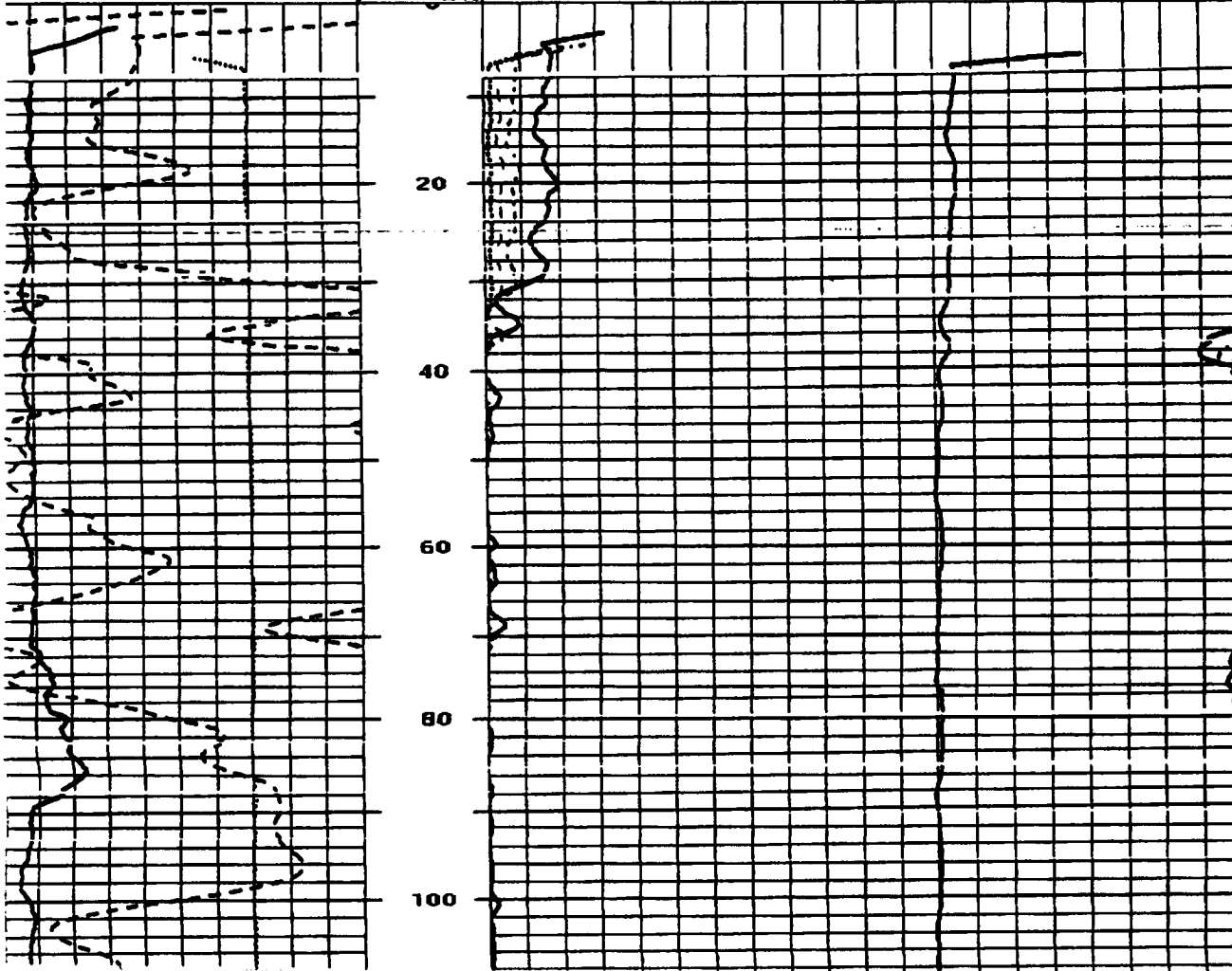
APR 26 2016

By OLWR

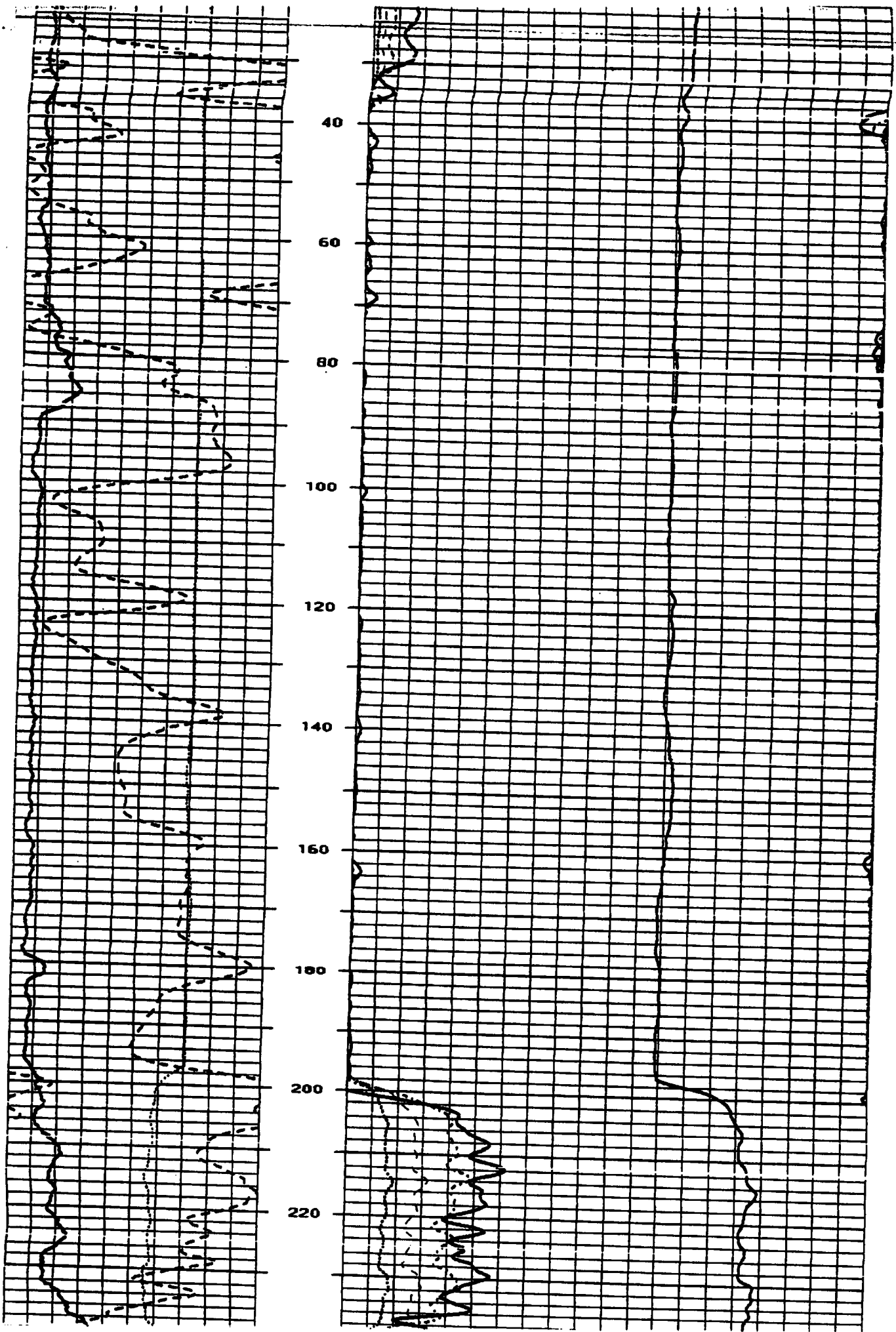
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COMPANY:		Casing
Location:		
Well	Depth Driller	
	Depth Logger	
Date	BH Fluid	Logged by:
File Name	Witness:	

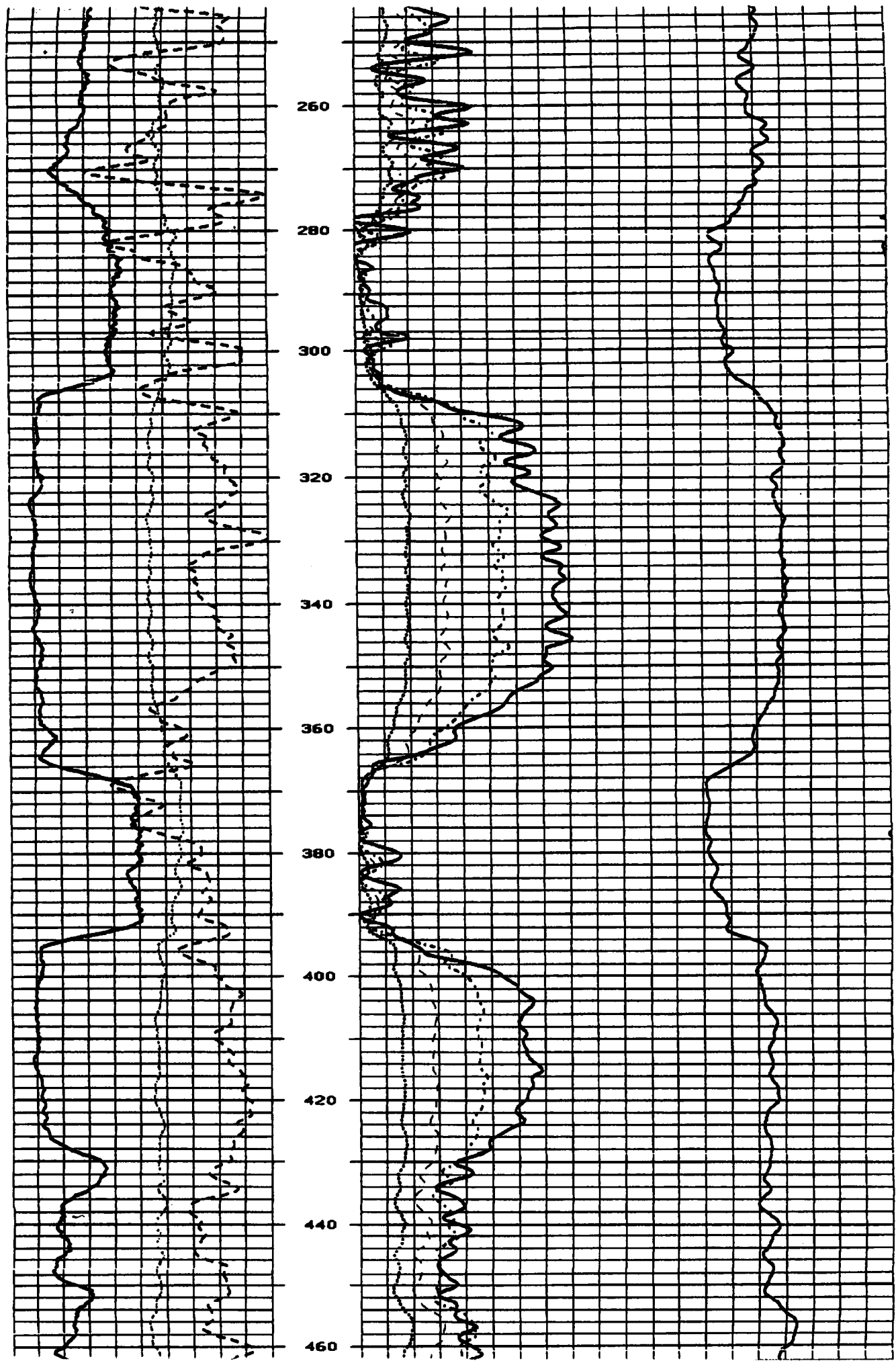
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00 EP (mV) 500	0 R8 (Ohm-m) 1400
0 Current (mA) 20	0 R16 (Ohm-m) 1400
	0 R32 (Ohm-m) 1400
	0 R64 (Ohm-m) 1400



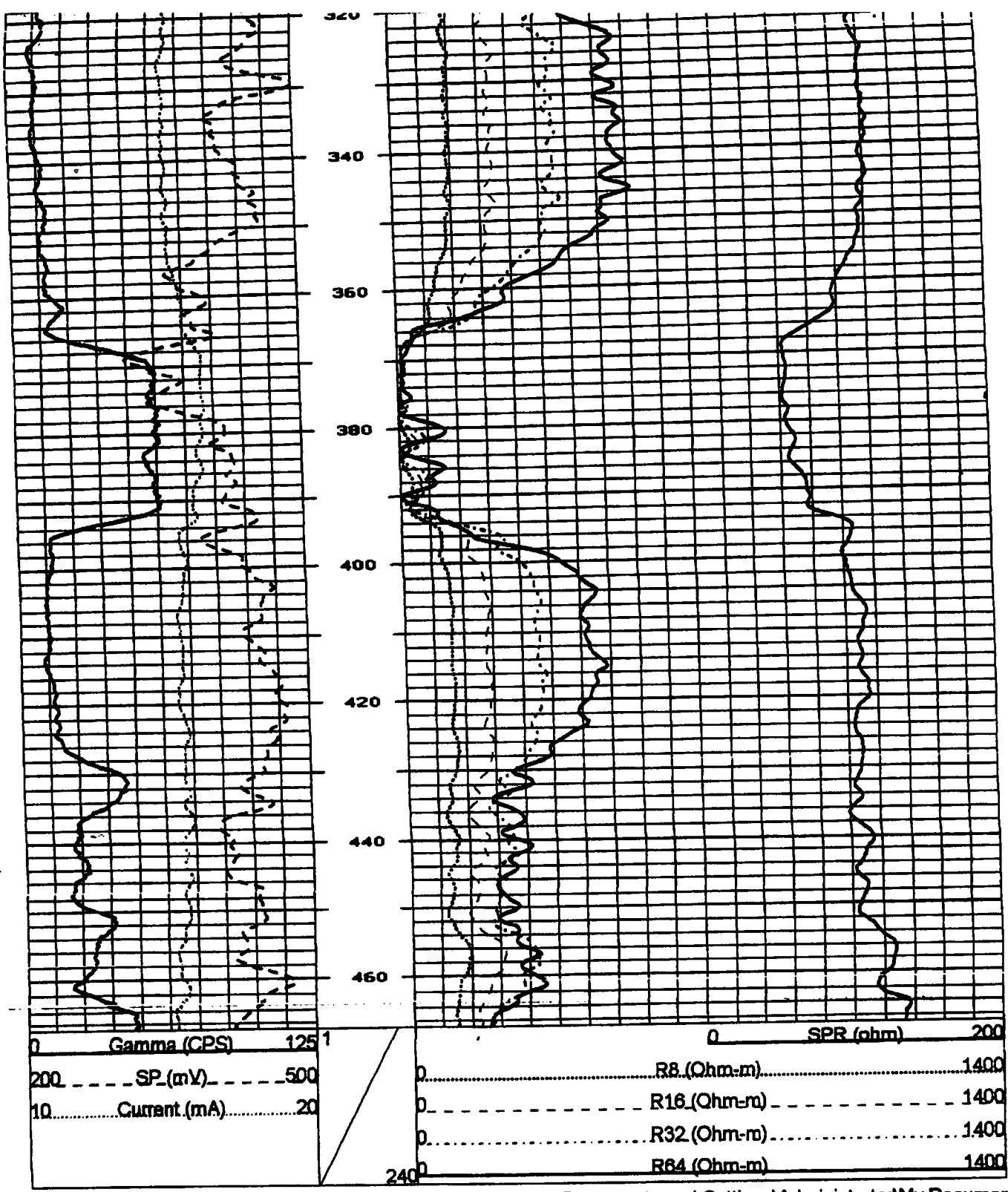
GW-17017 RS-2



Gw-17017 p53



Gw - 17017 p57



0	Gamma (CPS)	125
200	SP (mV)	500
10	Current (mA)	20

0	SPR (ohm)	200
0	R8 (Ohm-m)	1400
0	R16 (Ohm-m)	1400
0	R32 (Ohm-m)	1400
0	R64 (Ohm-m)	1400