



SUPERIOR
Hays,
Kansas

**RADIATION
GUARD
LOG**

Company BAIRD OIL COMPANY, LLC.
Well ESSLINGER RANCH, INC.
Field WILDCAT
County NORTON
State KANSAS

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County NORTON State KANSAS

Location: API #: 2080' FSL & 2075' FWL
SEC 22 TWP 3S RGE 22W
Permanent Datum GROUND LEVEL Elevation 2327
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Elevation
K.B. 2332
D.F. 2330
G.L. 2327

Date	4/11/12
Run Number	ONE
Depth Driller	3855
Depth Logger	3856
Bottom Logged Interval	3854
Top Log Interval	3200
Casing Driller	8 5/8" @ 212
Casing Logger	212
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/59
pH / Fluid Loss	11.5/6.4
Source of Sample	FLOWLINE
Rim @ Meas. Temp	1.0 @ 79F
Rmf @ Meas. Temp	.75 @ 79F
Rmc @ Meas. Temp	1.2 @ 79F
Source of Rmf / Rmc	MEASURED
Rim @ BHT	.69 @ 114F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	114F
Equipment Number	680
Location	HAYS, KS.
Recorded By	JASON CAPPELLUCCI
Witnessed By	RICHARD BELL

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
LOGAN, KS. - W. PAST COUNTY LINE TO RD E9 - 8 N. TO RD Q - 3 1/2 W. - N. INTO

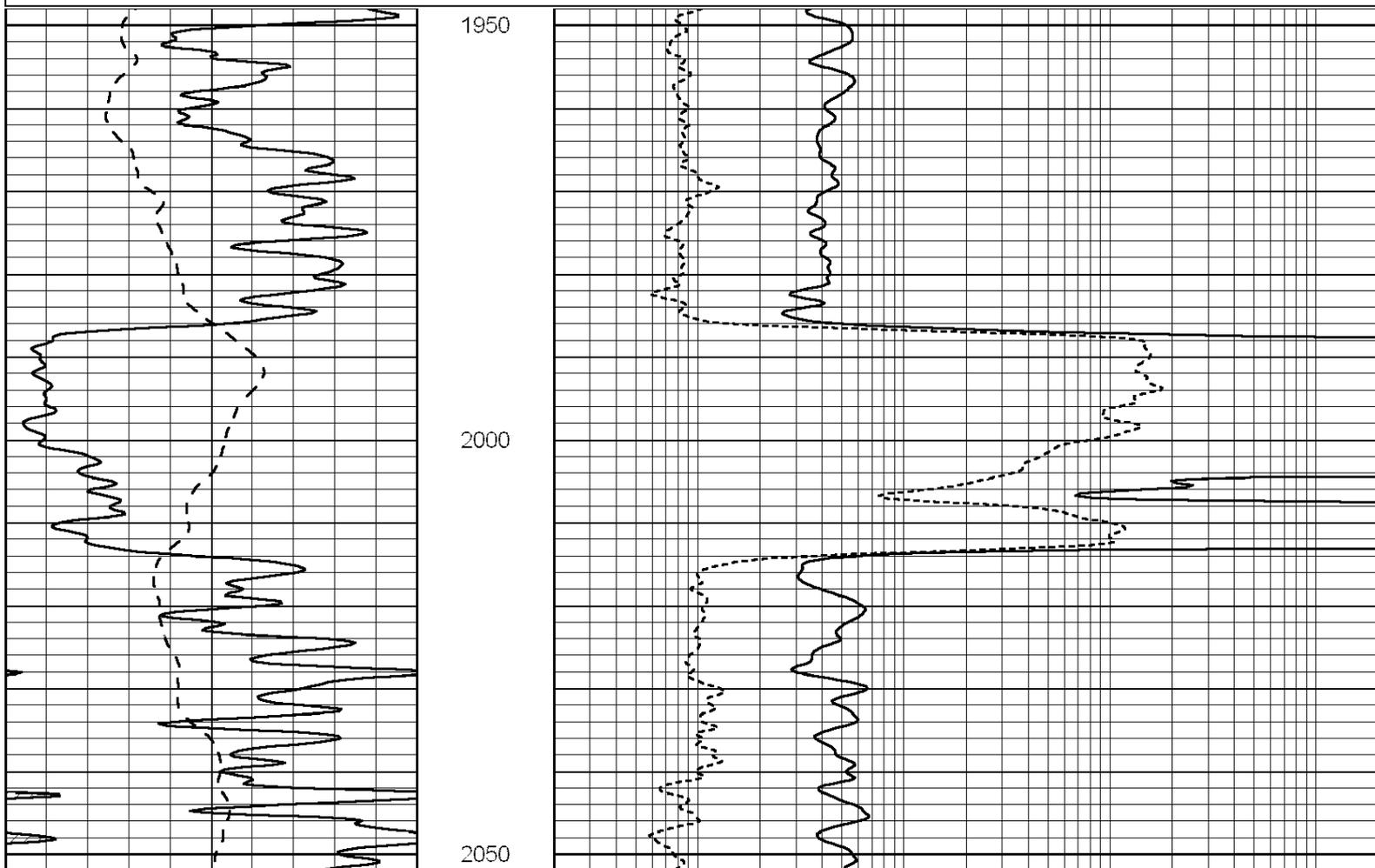


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ANHYDRITE

Database File: 008839rag.db
 Dataset Pathname: pass3.3
 Presentation Format: rag2
 Dataset Creation: Wed Apr 11 18:19:13 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
-----			TBHV (ft3)	-----		



0	GAMMA RAY (GAPI)	150	ABHV (ft3)	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
-----			TBHV (ft3)	-----		



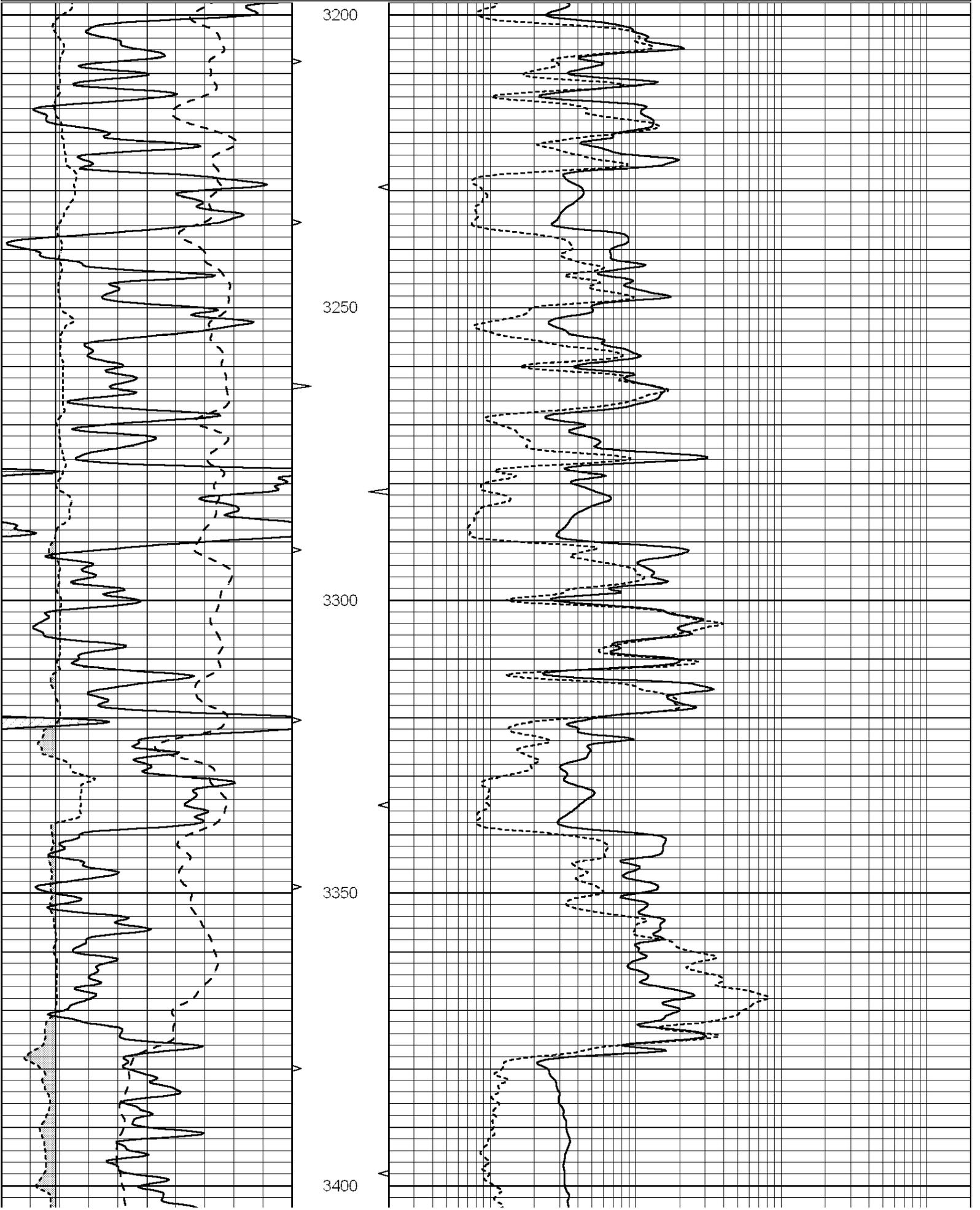
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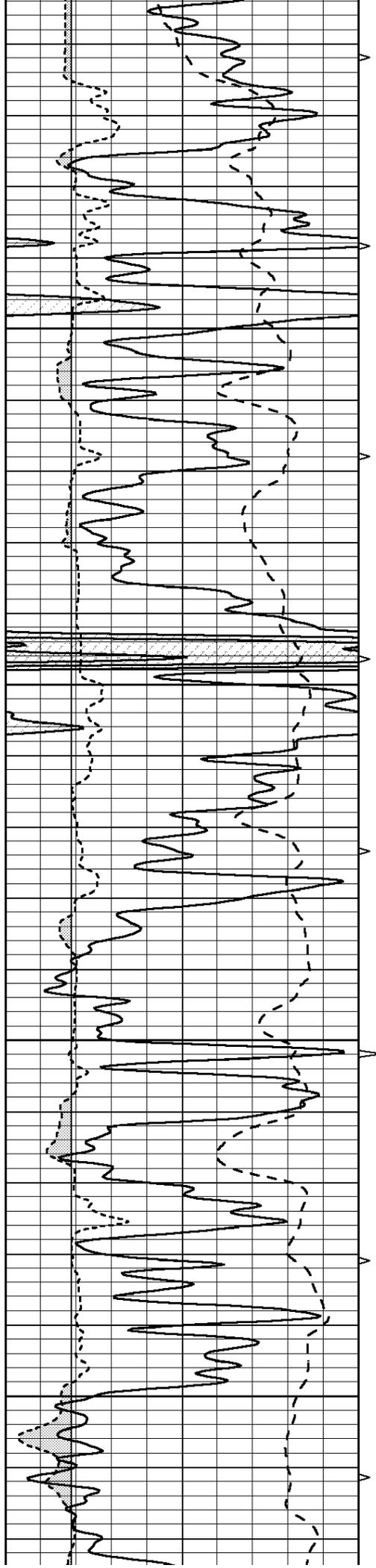
MAIN SECTION

Database File: 008839rag.db
 Dataset Pathname: pass3.1
 Presentation Format: rag
 Dataset Creation: Wed Apr 11 18:07:13 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100		0	NEUTRON (NAPI)	1000
-----			TBHV (ft3)	-----		

-100	SP (mv)	100	10 (ft3)	0 0	NEUTRON (NAPI)	1000
6	CALIPER (in)	16	TBHV			
			0 (ft3)	10		



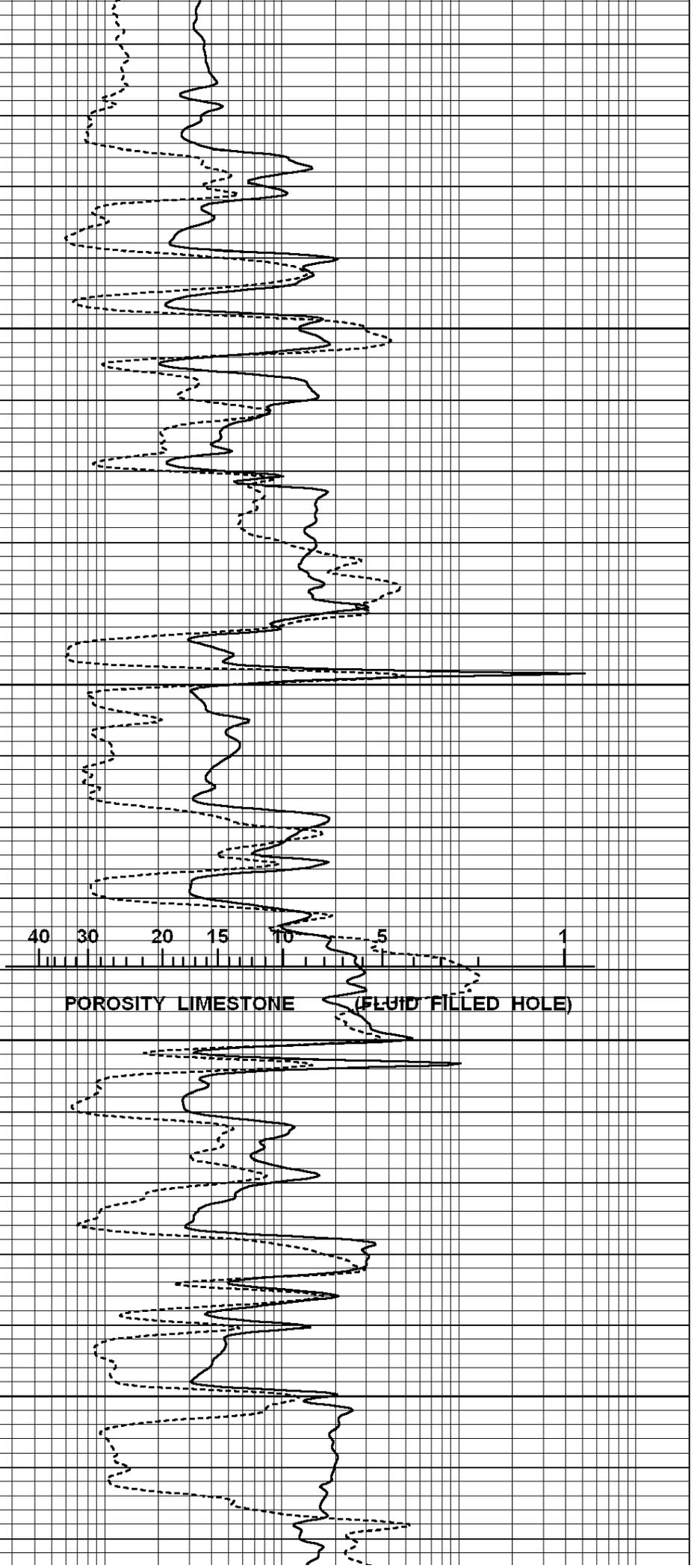


3450

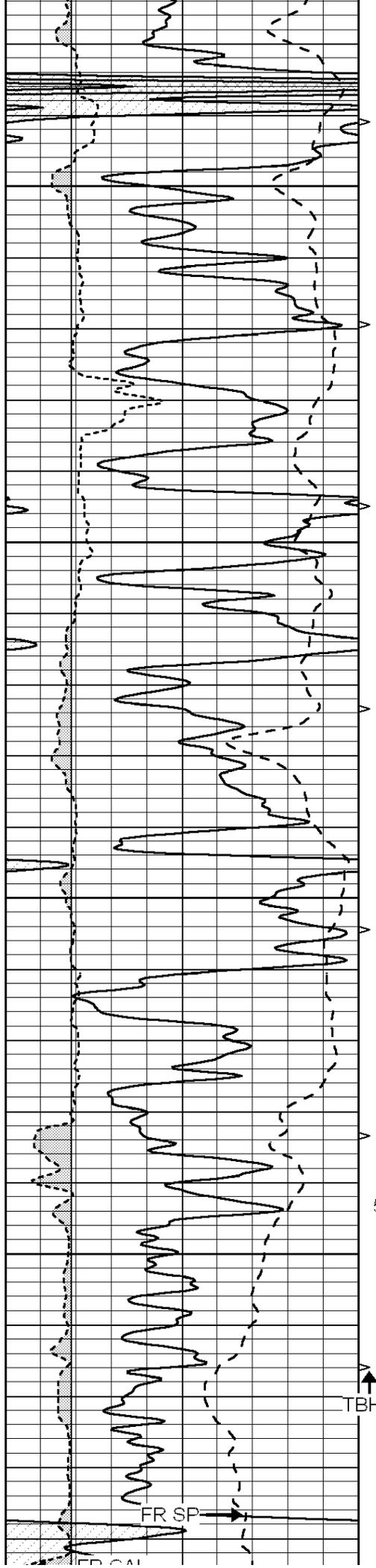
3500

3550

3600



40 30 20 15 10 5 1
POROSITY LIMESTONE (FLUID FILLED HOLE)



3650

3700

3750

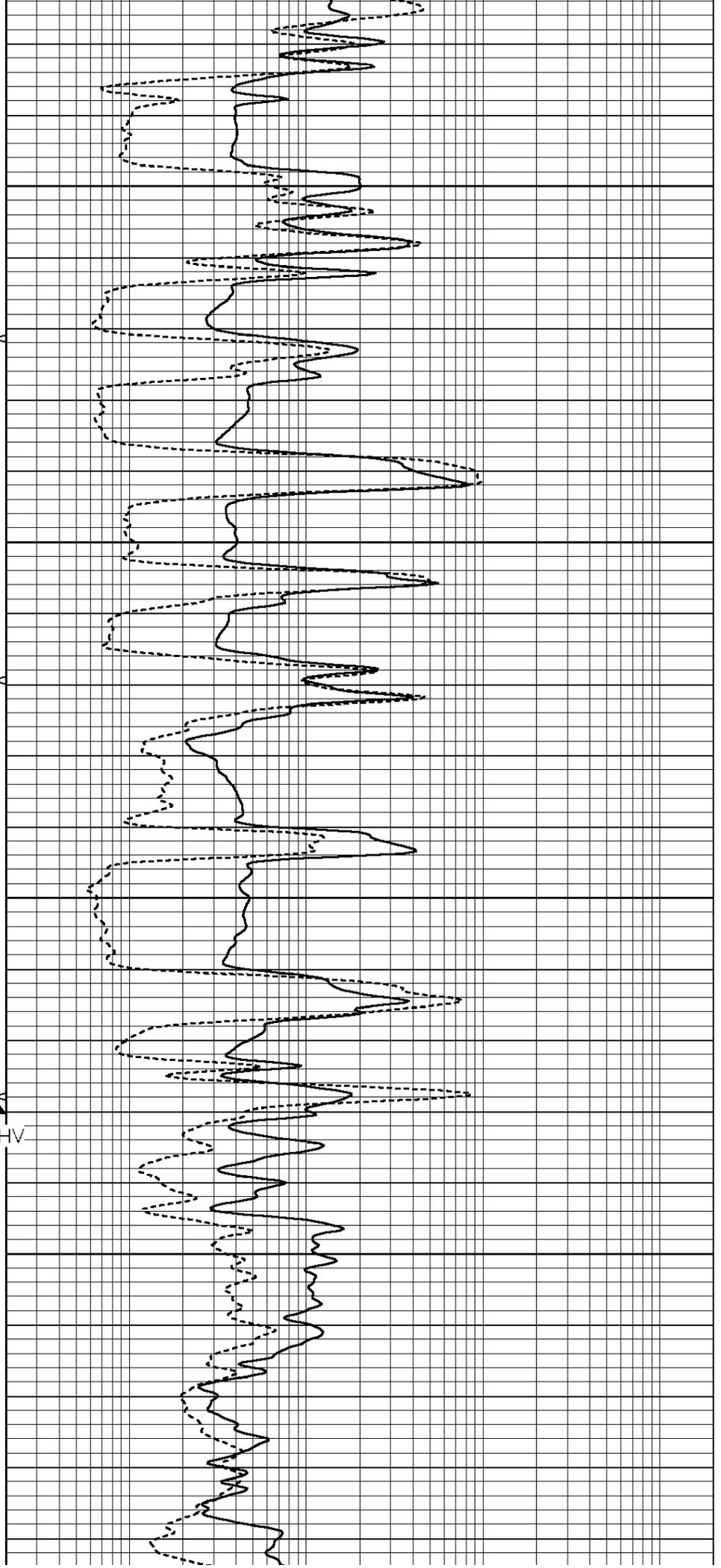
5.5" CSG

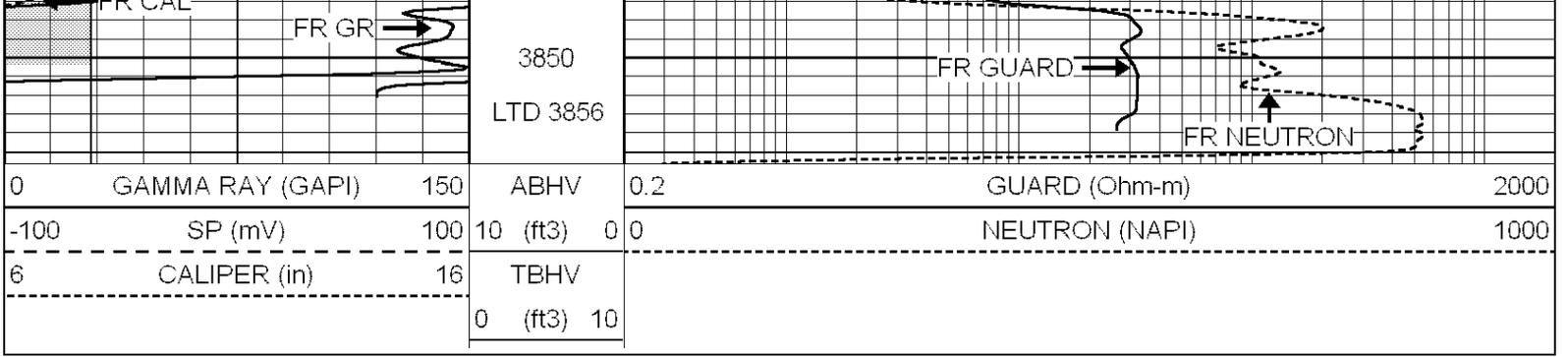
3800

ABHV

TBHV

FR SP





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REPEAT SECTION

Database File: 008839rag.db
 Dataset Pathname: pass2.2
 Presentation Format: rag
 Dataset Creation: Wed Apr 11 18:02:07 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

