



SUPERIOR
Hays,
Kansas

MICRO
LOG

Company		BAIRD OIL COMPANY, LLC.	
Well		ESSLINGER RANCH, INC. #4-35	
Field			
County		NORTON	
State		KANSAS	
Location:		API # : 015-137-20550-0000	
SEC 35 TWP 3S RGE 22W		Other Services RAG	
Permanent Datum		GROUND LEVEL	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
Elevation		K.B. 2304 D.F. 2302 G.L. 2299	
Date	3-30-11		
Run Number	TWO		
Depth Driller	3782		
Depth Logger	3783		
Bottom Logged Interval	3780		
Top Log Interval	3200		
Casing Driller	8 5/8" @ 220'		
Casing Logger	219'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/50		
pH / Fluid Loss	10.5/6.4		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	1.50 @ 69F		
Rinf @ Meas. Temp	1.13 @ 69F		
Rinc @ Meas. Temp	1.80 @ 69F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	0.91 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	114F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	RICHARD BELL		

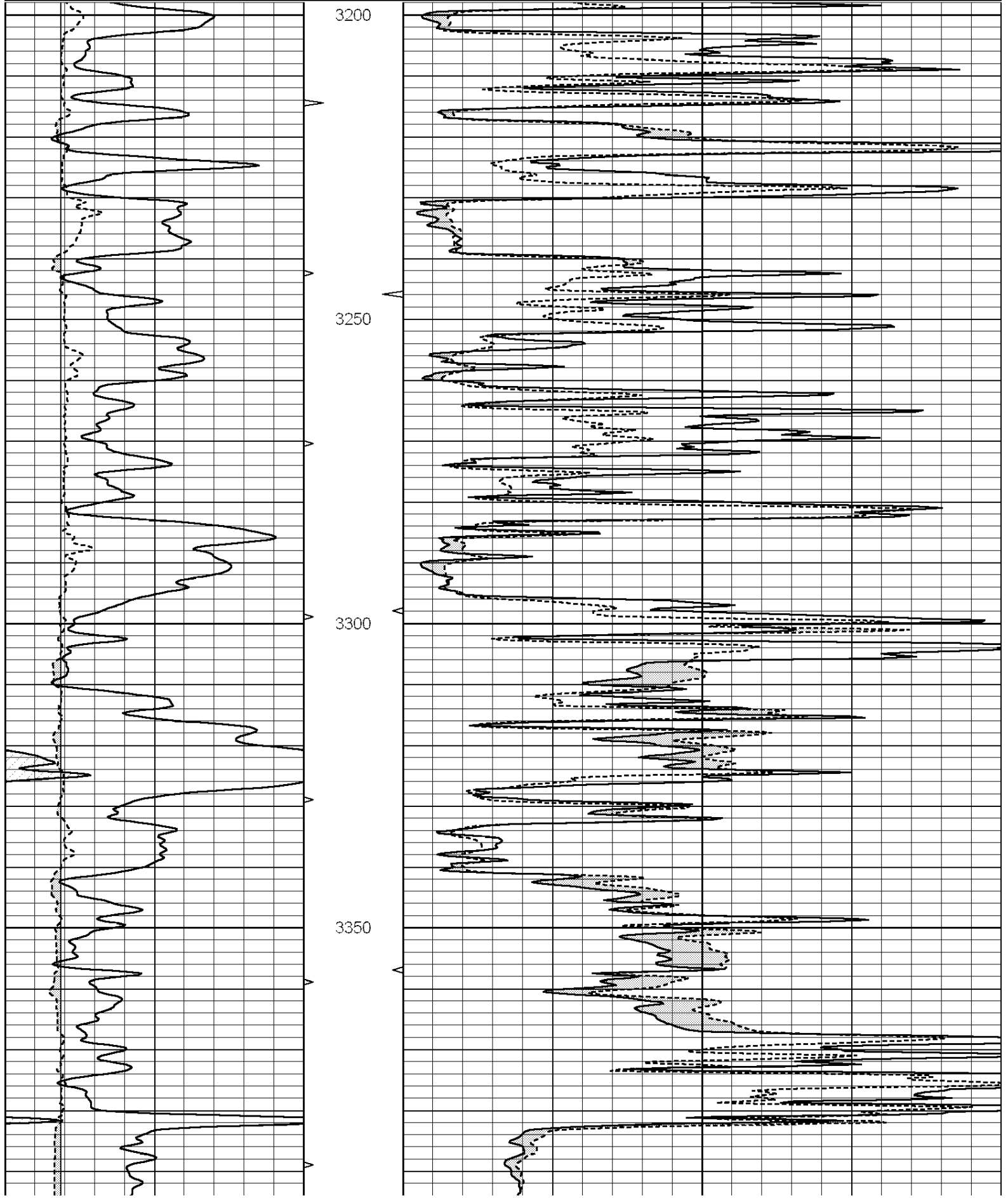
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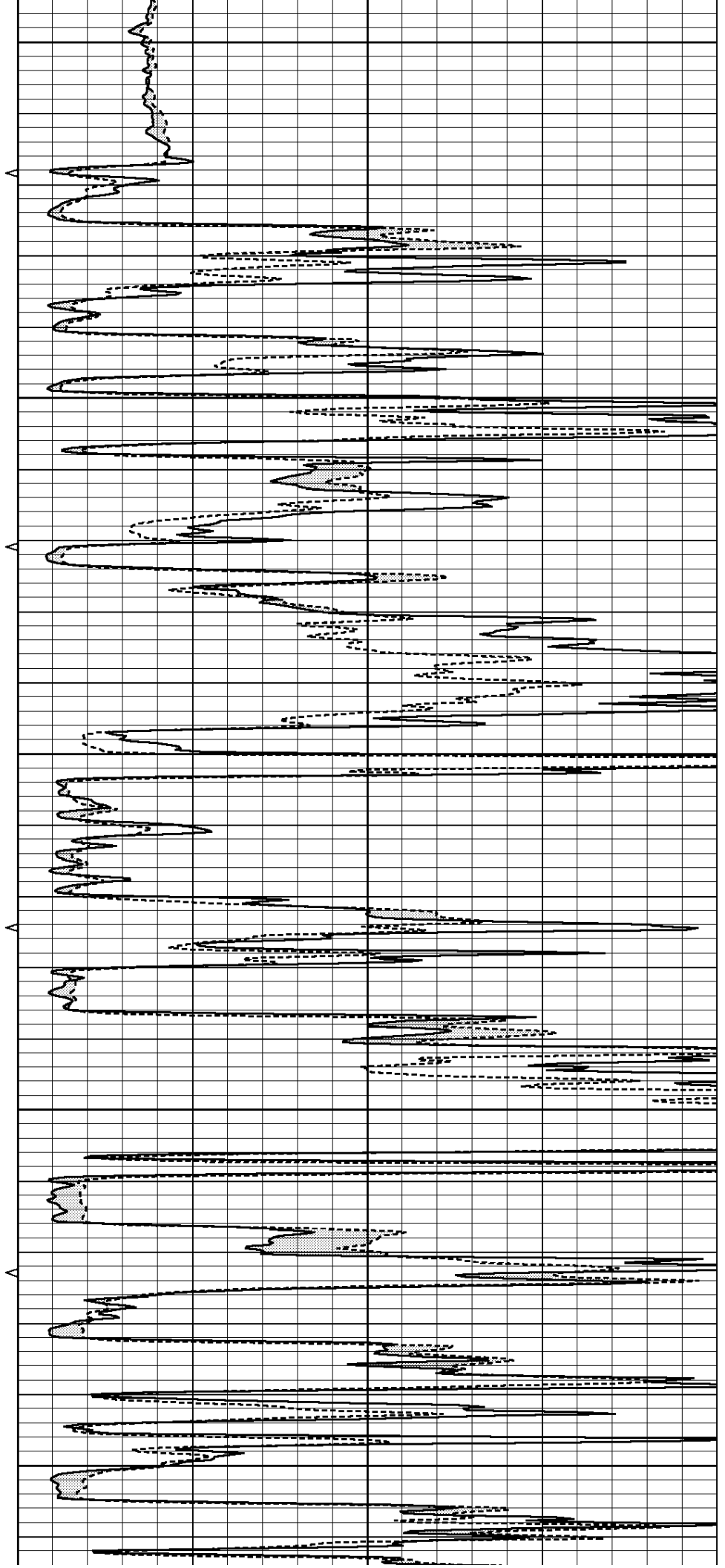
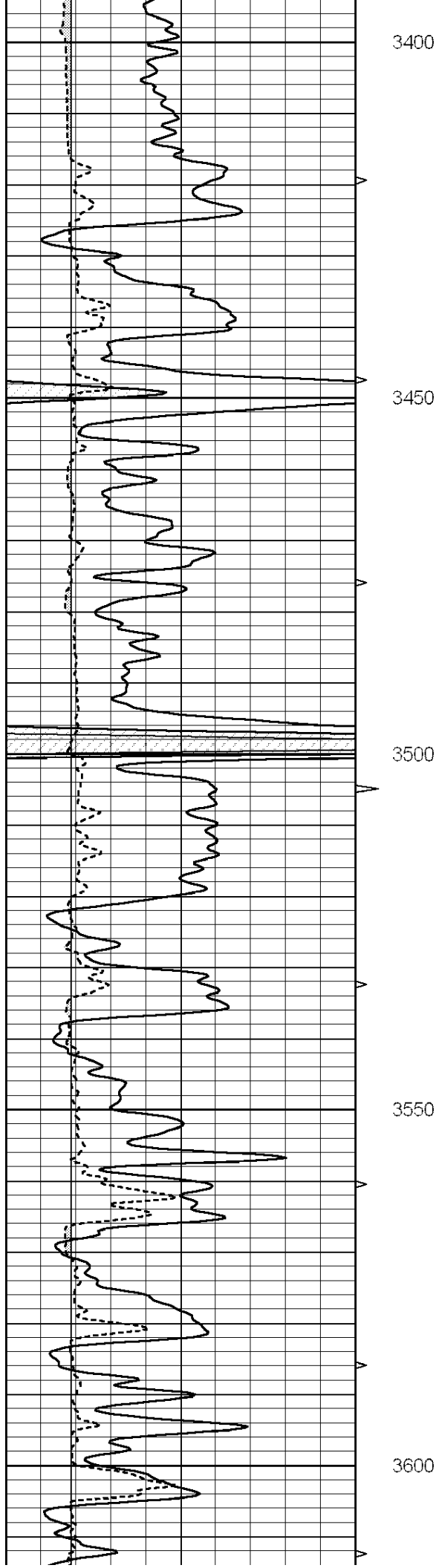
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

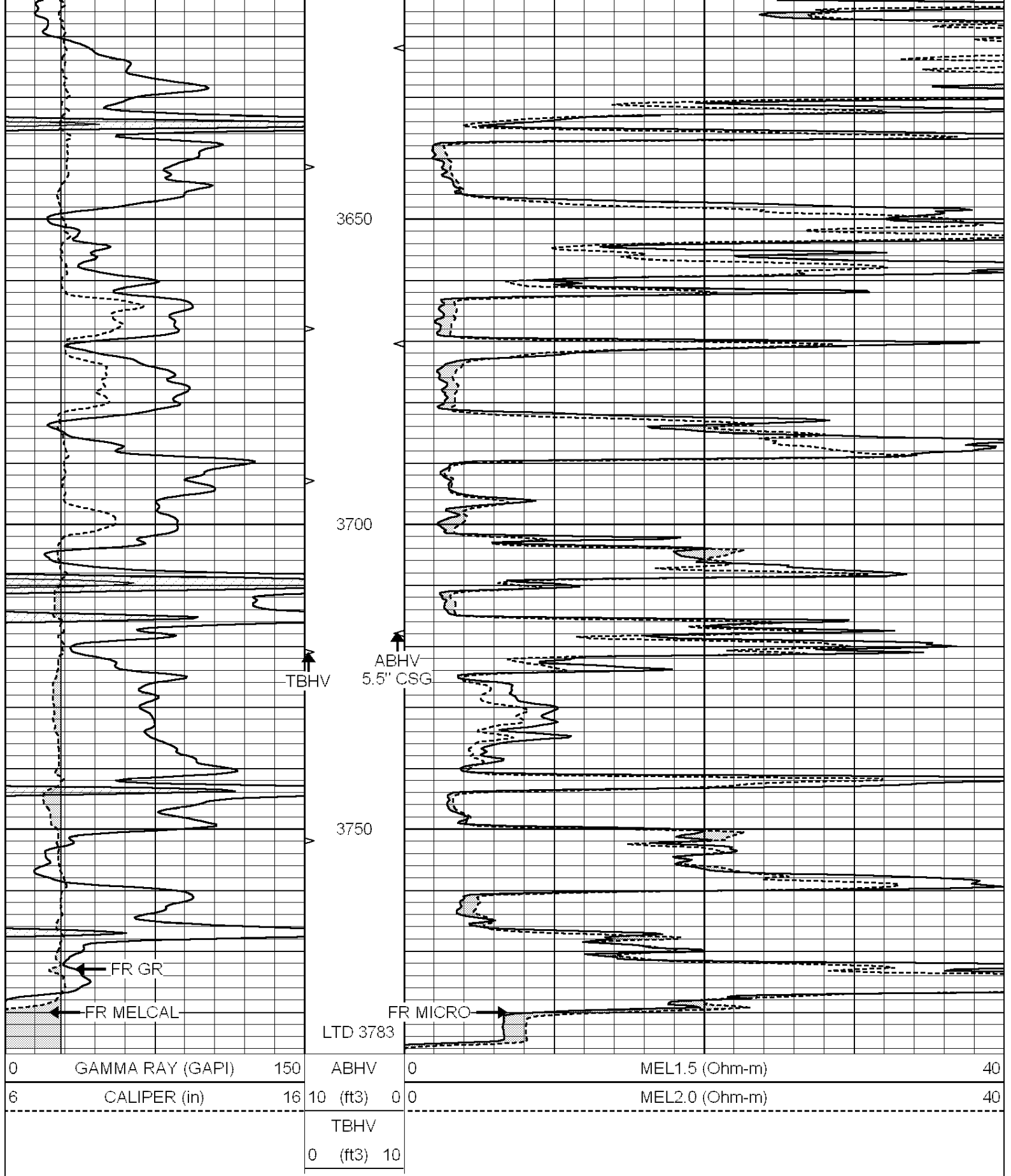
Comments

THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
DENSMORE, KS - 2 MILES WEST TO RD 6 - 6 MILES NORTH TO RD S
3/4 MILE EAST - NORTH INTO

Charted by:		Depth in Feet scaled 1:2.15				
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		





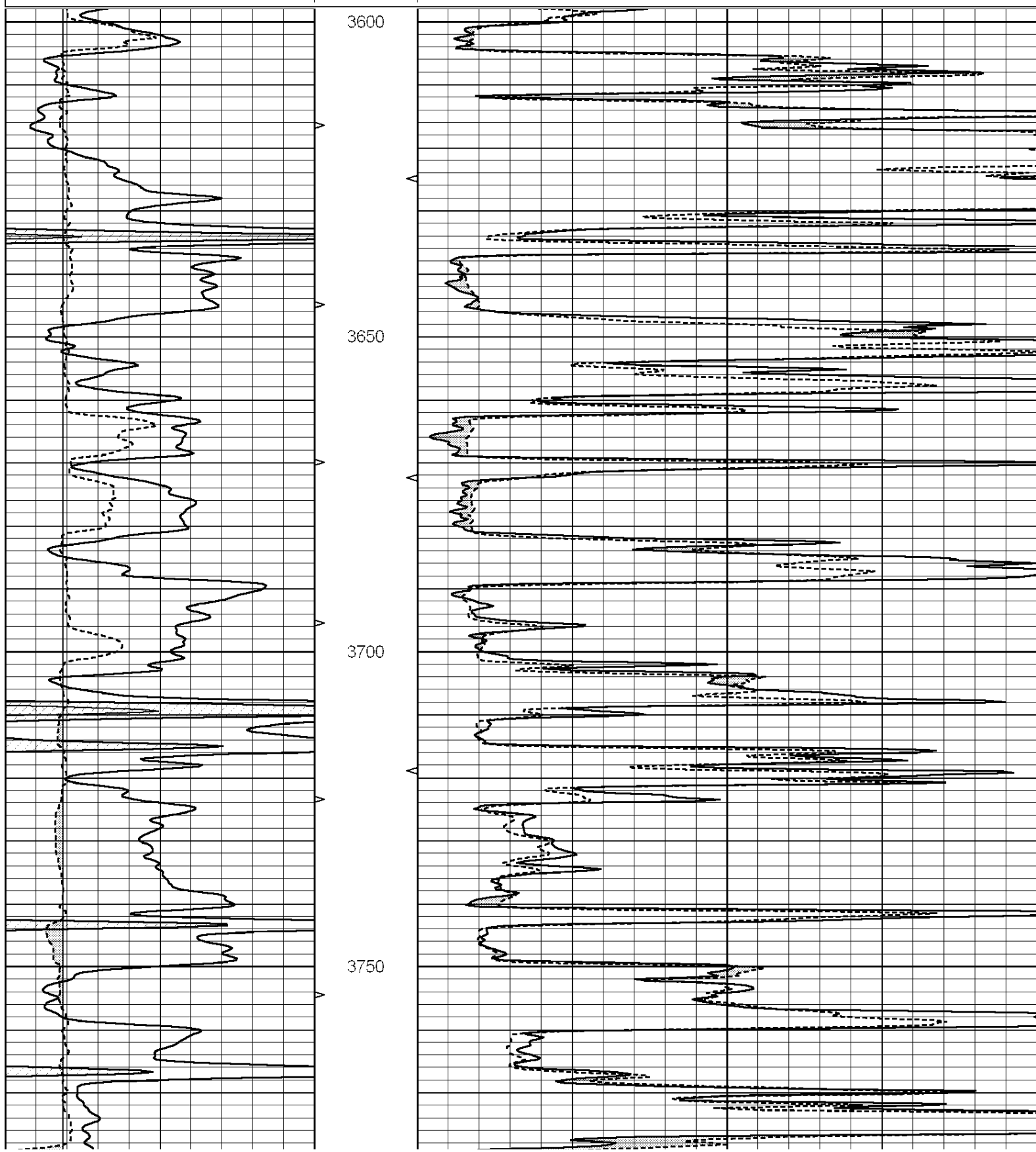


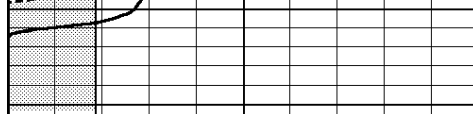
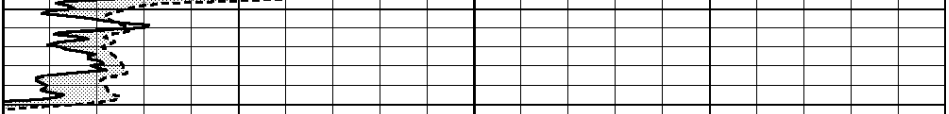
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REPEAT SECTION

Database File: 006797rag.db
Dataset Pathname: pass4.3
Presentation Format: _micro
Dataset Creation: Wed Mar 30 19:23:35 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			



																						
0	GAMMA RAY (GAPI)									150	ABHV	0	MEL1.5 (Ohm-m)							40		
6	CALIPER (in)									16	10 (ft3)	0	0	MEL2.0 (Ohm-m)							40	
										TBHV												
										0 (ft3)		10										

Calibration Report			
Database File:	006797rag.db		
Dataset Pathname:	pass5.3		
Dataset Creation:	Wed Mar 30 19:17:52 2011 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO6		
Tool Model:	PROBE		
Performed:	Mon Feb 21 21:46:51 2011		
Caliper Calibration:	Gain=5.211	Offset=0.060	
	Low Cal	High Cal	
References	8.000	14.000	
Readings	1.178	2.330	
1.5" Calibration:	Gain=35.000	Offset=-2.200	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.008	1.200	
2" Calibration:	Gain=32.000	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.008	0.888	
Gamma Ray Calibration Report			
Serial Number:	#8		
Tool Model:	OPEN		
Performed:	Fri Feb 18 03:07:29 2011		
Calibrator Value:	150.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	175.0	cps	
Sensitivity:	0.8971	GAPI/cps	