



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.		Company Craig Oil Company	
15-167-23,755-00-00		Well H. J. Mai No. 4	
		Field Trapp	
		County Russell State Kansas	
		Location N2 - NE - NW 330' FNL & 1980' FWL	Other Services RAG
Sec: 23		Twp: 15 S	Rge: 14 W
Permanent Datum	Ground Level	Elevation 1911	
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing	K.B. 1918 D.F. 1911 G.L. 1911	
Date	11/22/2011		
Run Number	Two		
Depth Driller	3420		
Depth Logger	3422		
Bottom Logged Interval	3421		
Top Log Interval	2750		
Casing Driller	8.625 @ 920		
Casing Logger	920		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4000		
Density / Viscosity	9.2 51		
pH / Fluid Loss	9.5 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.70 @ 52		
Rmf @ Meas. Temp	.53 @ 52		
Rmc @ Meas. Temp	.95 @ 52		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.33 @ 110		
Operating Rig Time	2 Hours		
Max Rec. Temp. F	110		
Equipment Number	17		
Location	Hays		
Recorded By	D. Martin	C. Desaire	
Witnessed By	Ward Craig	Francis Whisler	

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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 Log-Tech, Inc.
(785) 625-3858

Russell, KS I-70 8 S to Winterset Rd.,
1/4 W, S Into

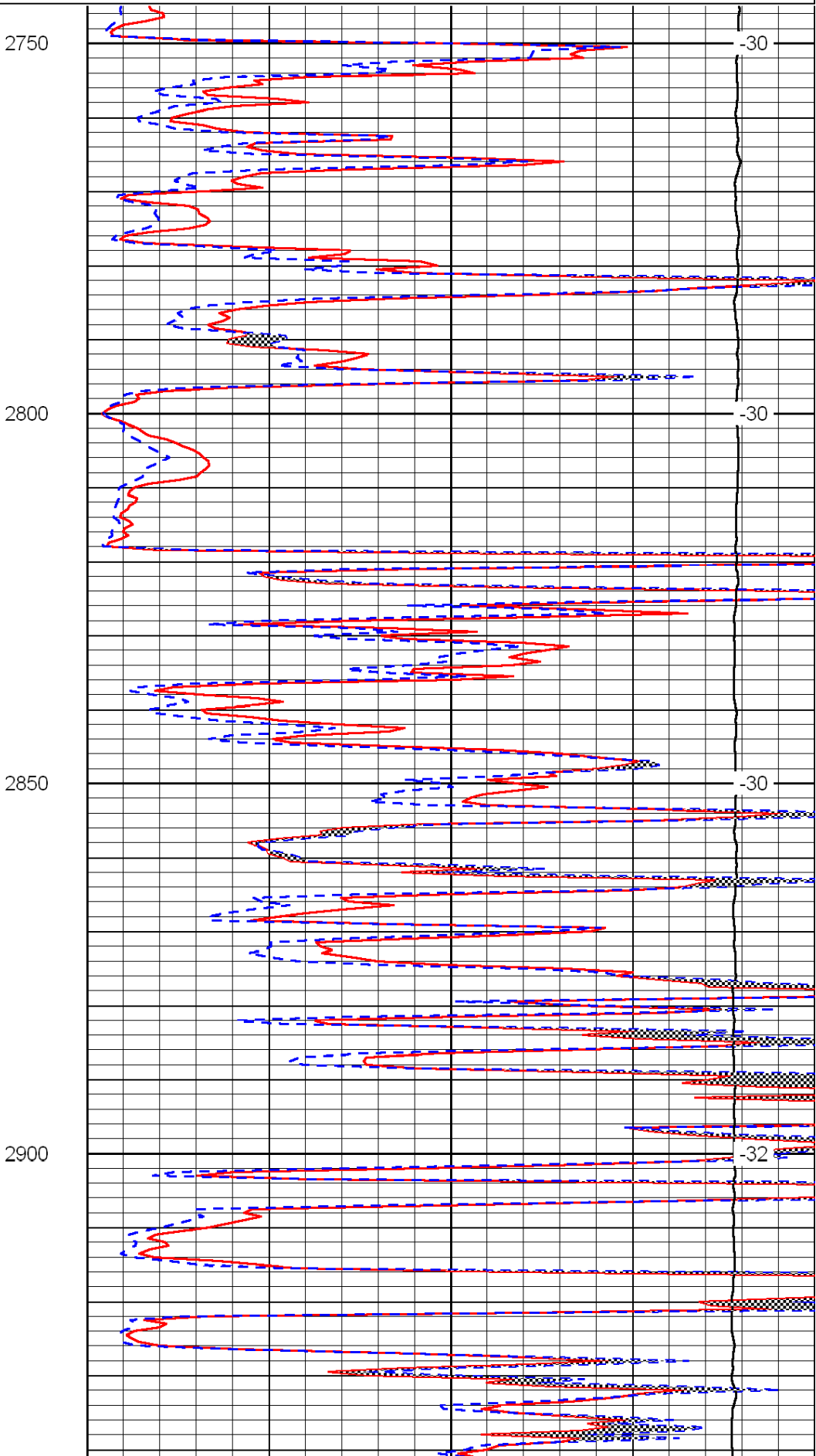
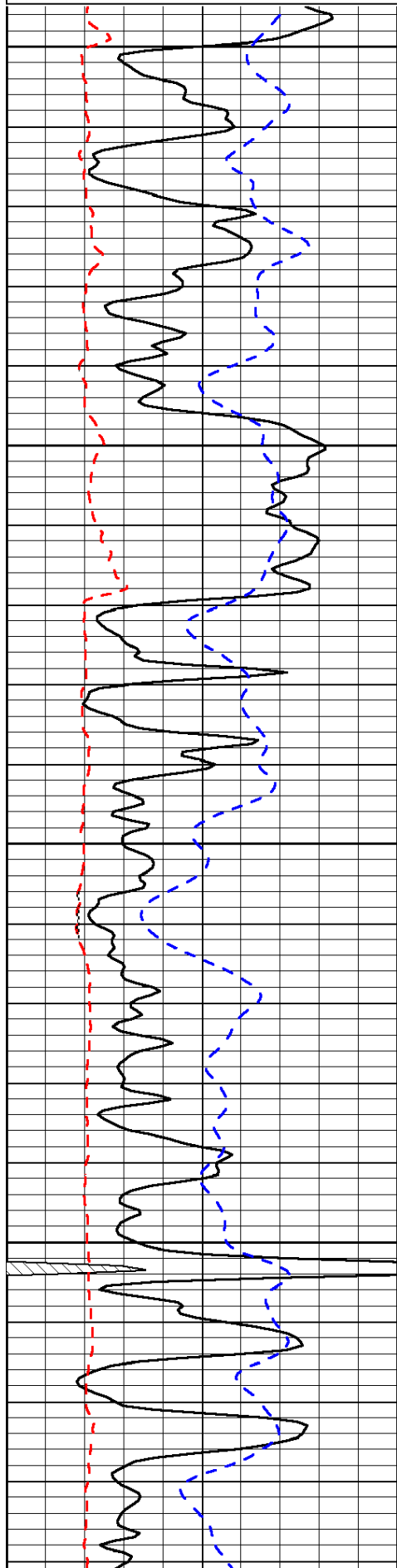
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Dataset Pathname: RAG/crarag
Presentation Format: micro
Dataset Creation: Wed Nov 23 11:41:51 2011
Charted by: Depth in Feet scaled 1:240

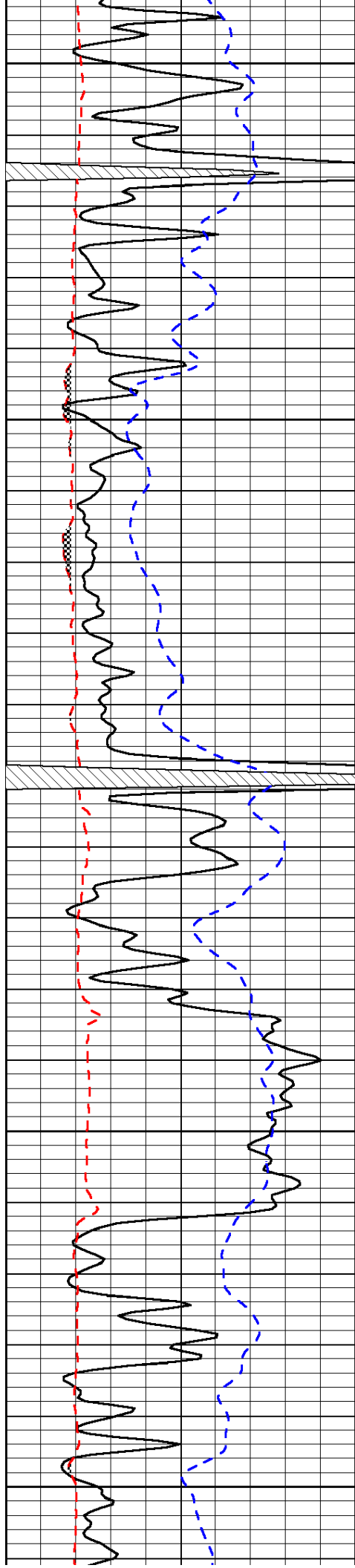
Charted by: Depth in Feet scaled 1:2.15

0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





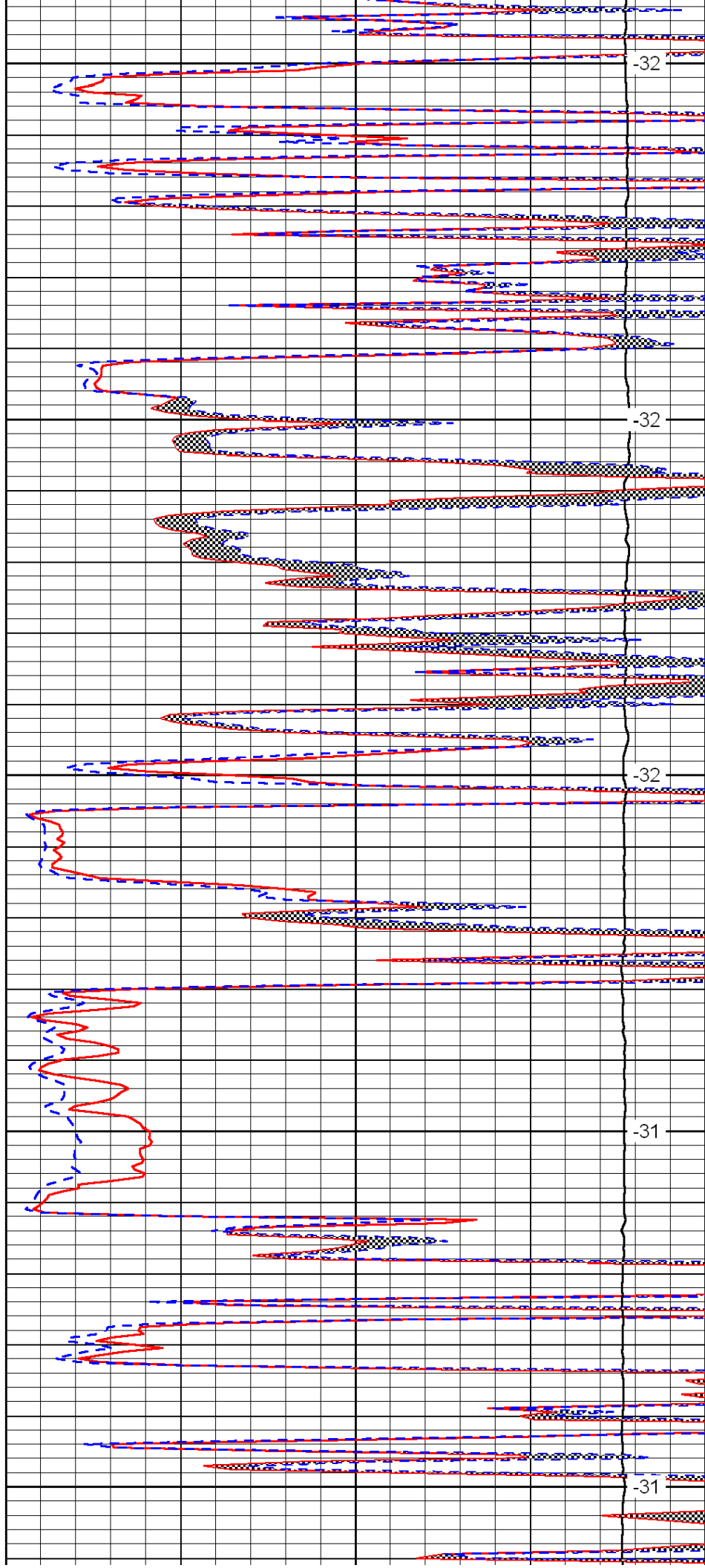
2950

3000

3050

3100

3150



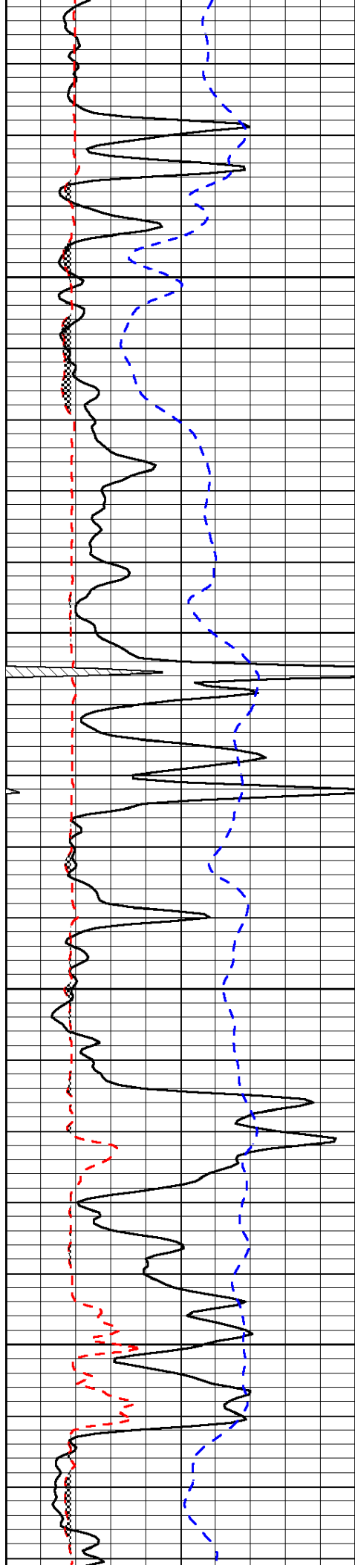
-32

-32

-32

-31

-31

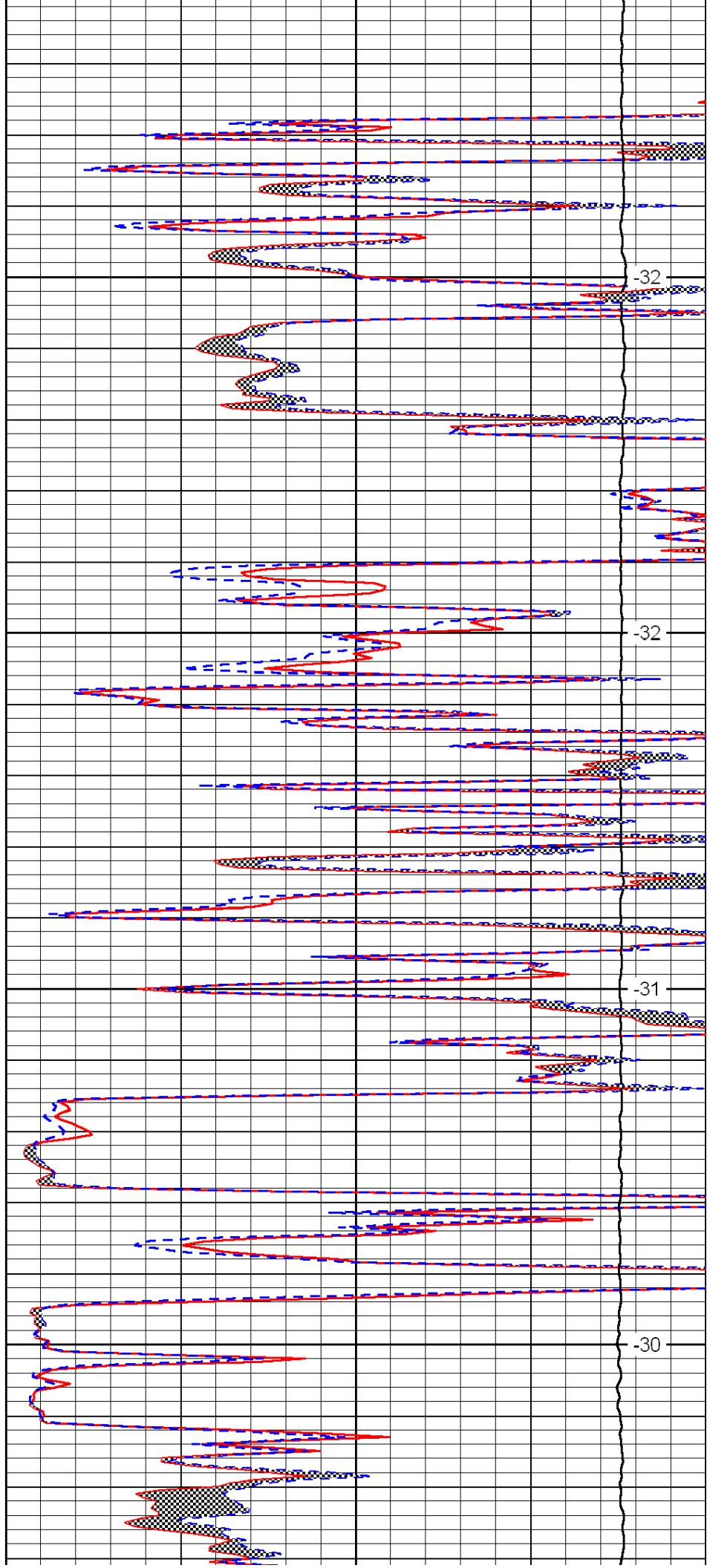


3200

3250

3300

3350



-32

-32

-31

-30

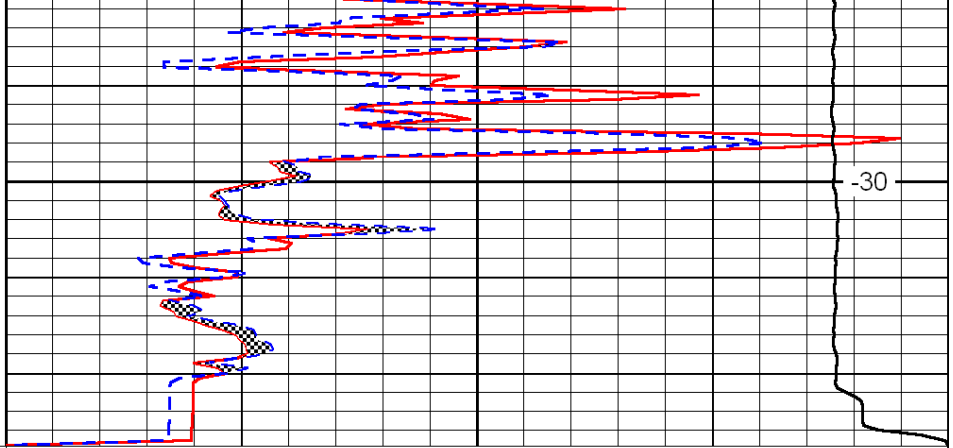


0 Gamma Ray 150

6 Micro Log Caliper (GAPI) 16

-200 SP (mV) 0

3400



0 Micro Inverse 1 X 1 40

0 Micro Normal 2" 40

15000 Line Weight 0

LSPD