



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-009-25,405-00-00	Company RAMA Operating Company, Inc.	Location NW NE SE SW 1297' FSL & 2123' FWL	Other Services CNL/CDL DIL/BHCS
	Well Grant No. 7-4		
	Field Chase-Silica		
	County Barton	State Kansas	
	Sec: 4	Twp: 20 S	Rge: 11 W

Permanent Datum Ground Level	Elevation 1771	
Log Measured From Kelly Bushing	12 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing		
Date	4/7/2010	
Run Number	Two	
Depth Driller	3400	
Depth Logger	3399	
Bottom Logged Interval	3398	
Top Log Interval	2700	
Casing Driller	8.625 @ 312	
Casing Logger	311	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	10,000	
Density / Viscosity	9.1 48	
pH / Fluid Loss	10.0 10.4	
Source of Sample	Flowline	
Rm @ Meas. Temp	.4 @ 60	
Rmf @ Meas. Temp	.3 @ 60	
Rmc @ Meas. Temp	.54 @ 60	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.21 @ 112	
Operating Rig Time	5 Hours	
Max Rec. Temp. F	112	
Equipment Number	007	
Location	Hays	
Recorded By	K. Bange	
Witnessed By	Josh Austin	

<<< Fold Here >>>

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

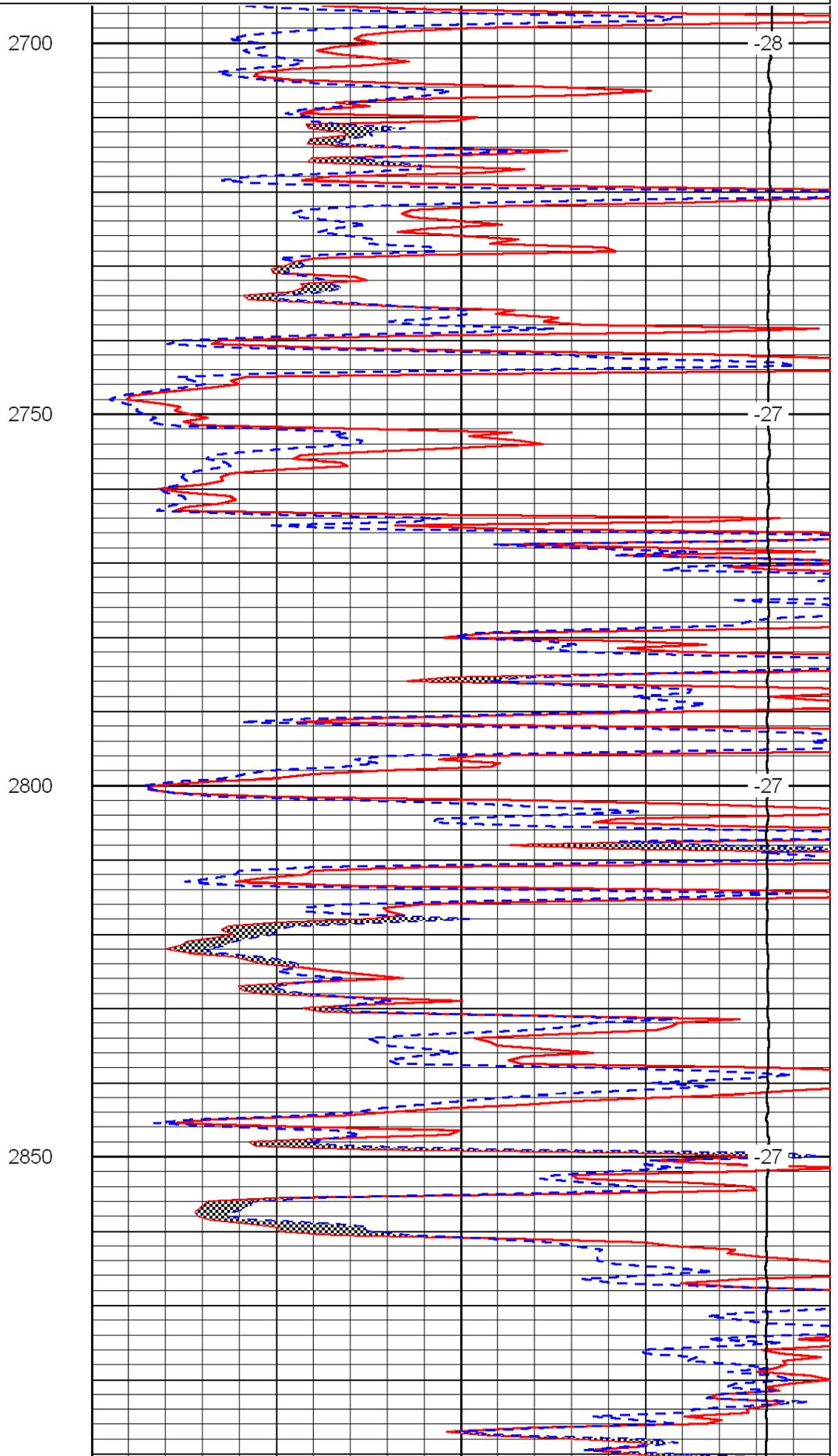
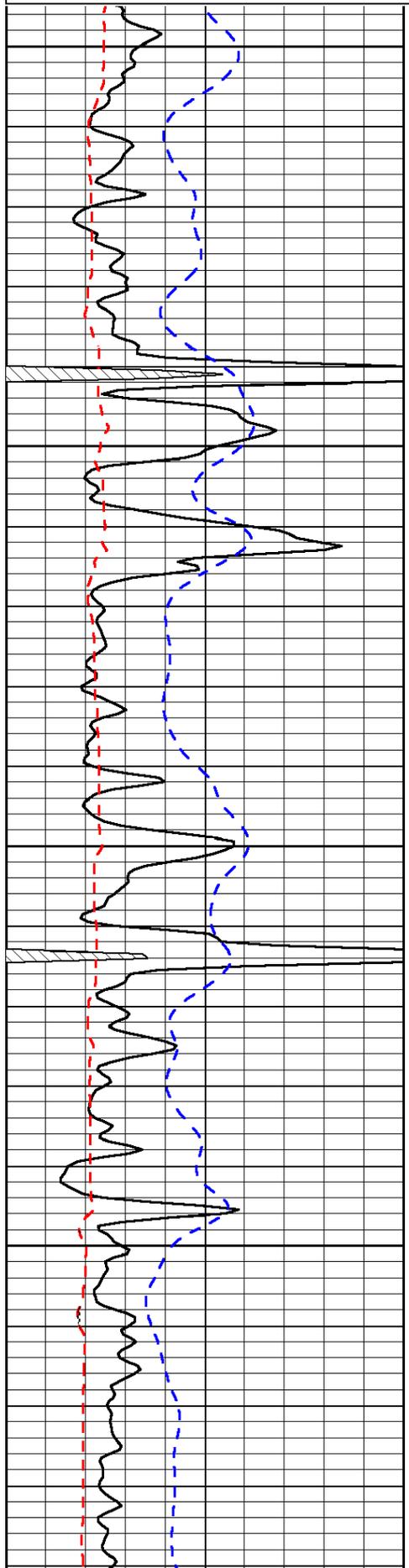
Thank you for using Log-Tech, Inc.
(785) 625-3858

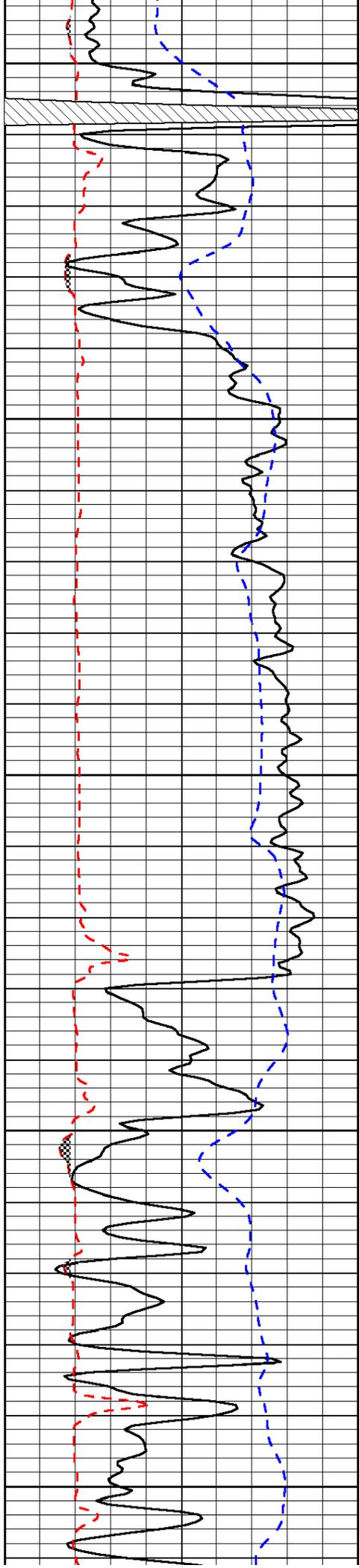
Ellinwood S to 1st curve, 2 1/4 E (past farmstead), 1/2 N to 2nd TB, E into

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





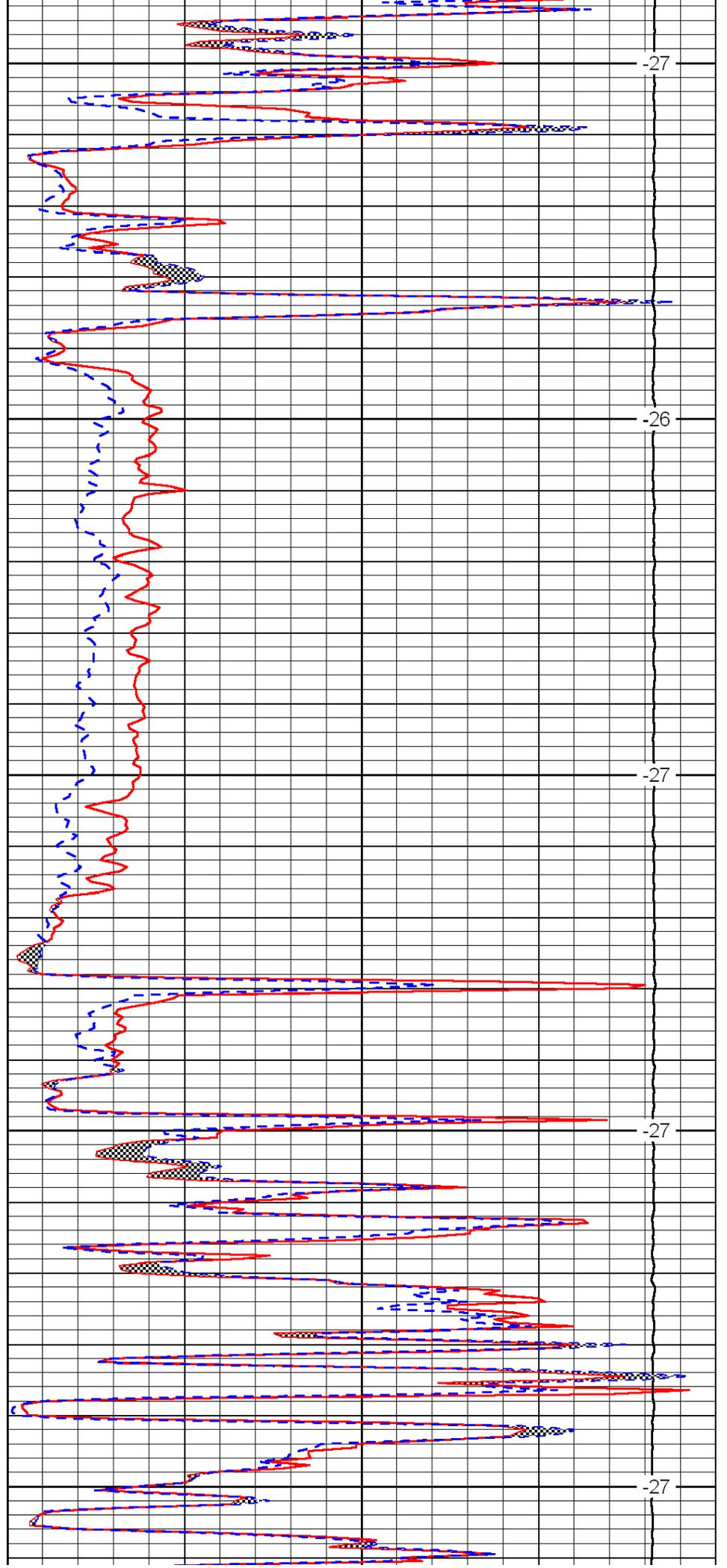
2900

2950

3000

3050

3100



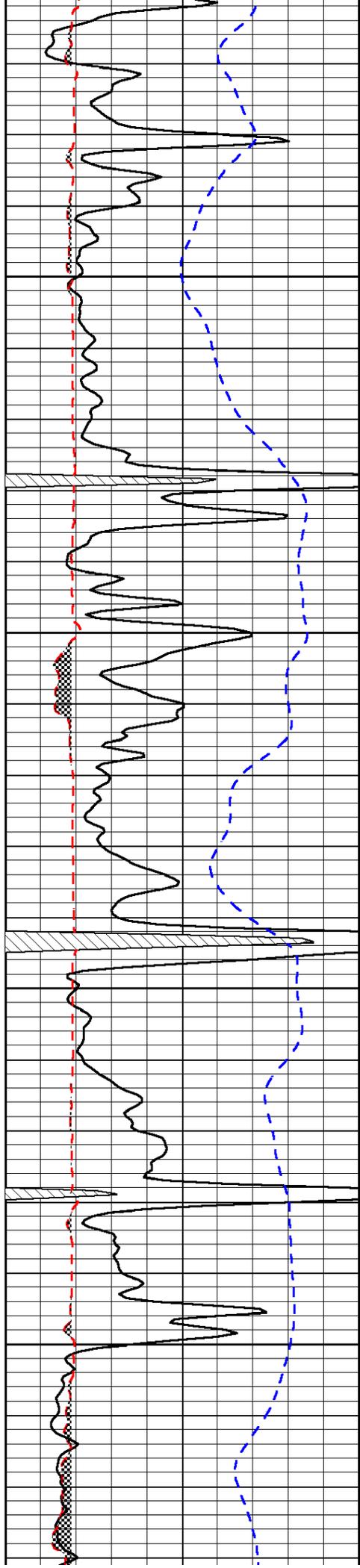
-27

-26

-27

-27

-27

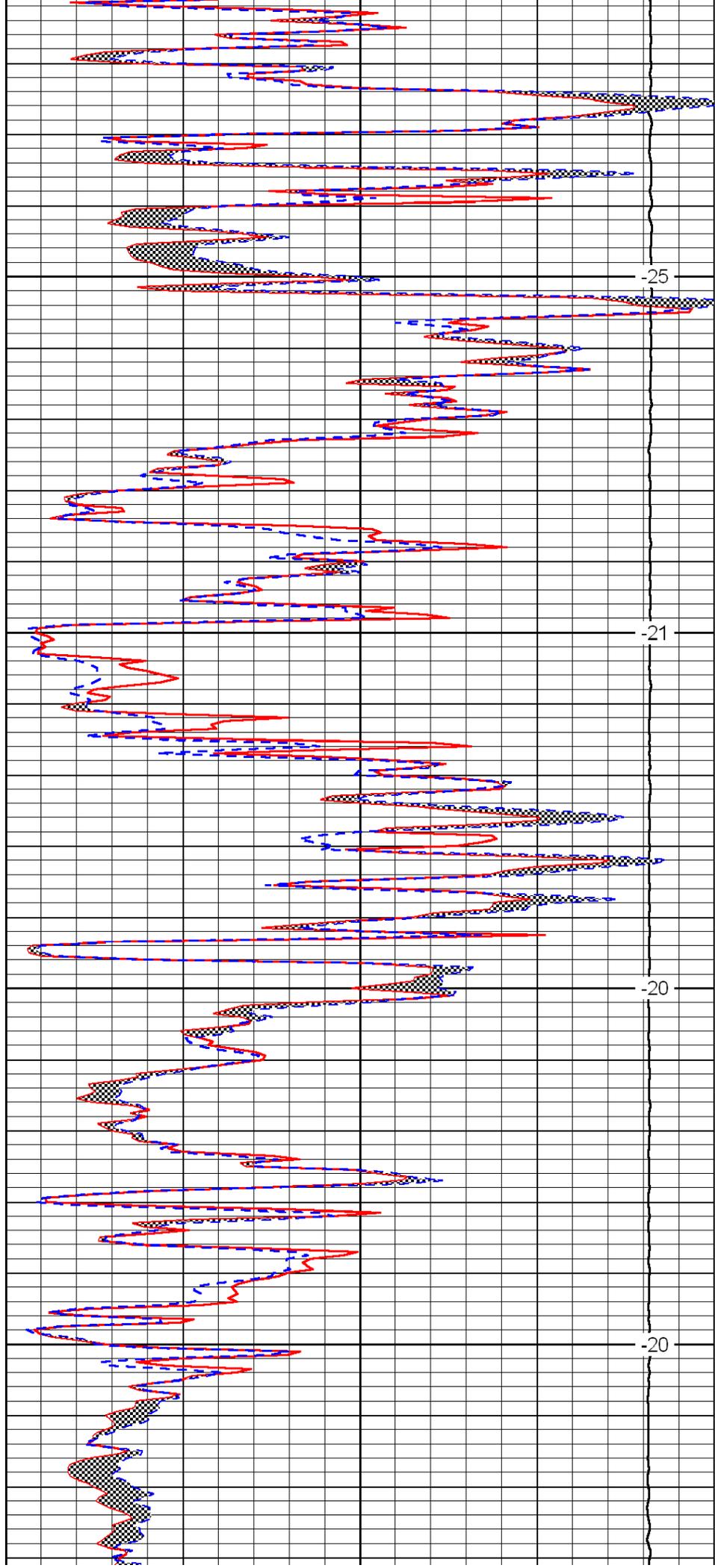


3150

3200

3250

3300

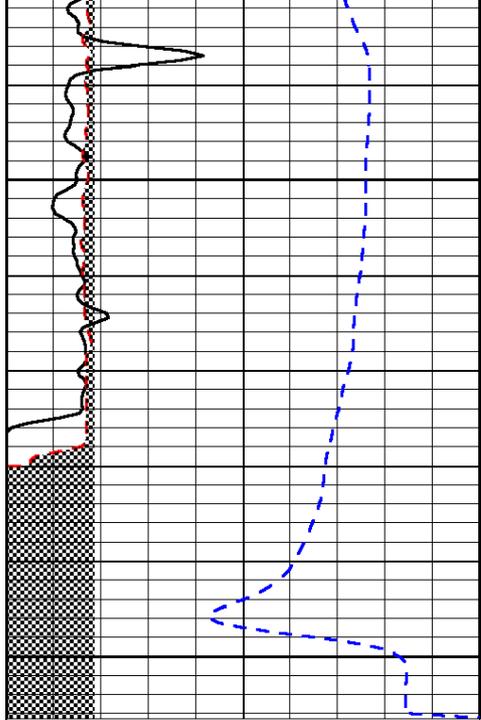


-25

-21

-20

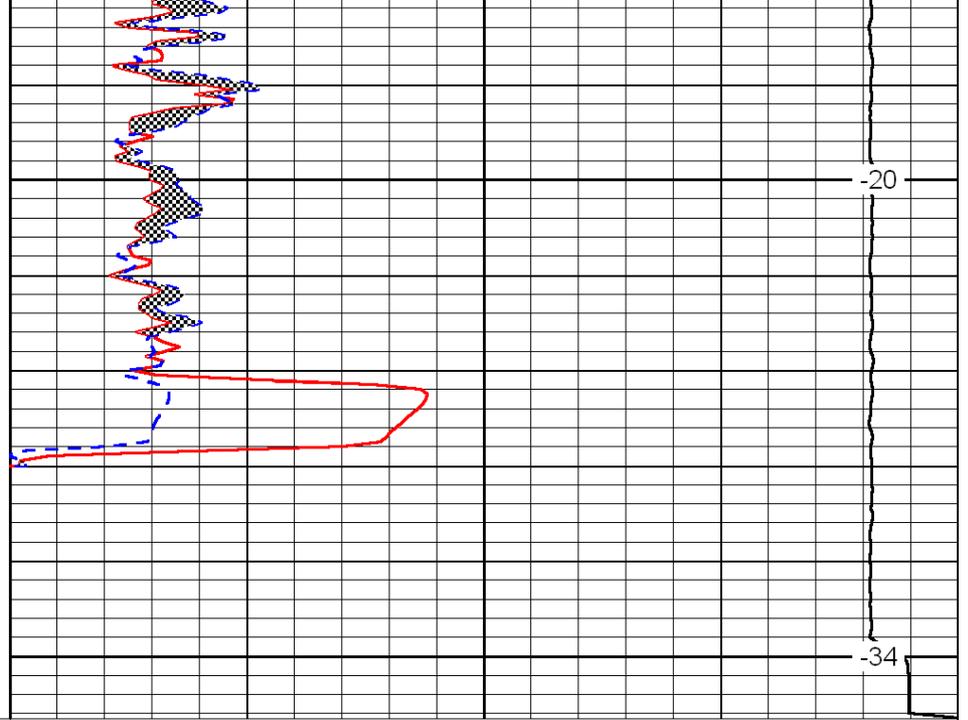
-20



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

3350

3400



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

-20

-34

LSPD