

LOG-TECH



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-185-25,383-00-00		Company Hartman Oil Co., Inc. Well Neeland No. 1 Field Wildcat County Barton State Kansas	
Location 112' FNL & 1220' FWL Sec: 8 Twp: 19 S Rge: 12 W		Other Services CNL/CDL DIL	
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Kelly Bushing	Elevation 1814 10 Ft. Above Perm. Datum Datum	K.B. 1824 D.F. 1814 G.L. 1814
Date	2/12/2010		
Run Number	Two		
Depth Driller	3475		
Depth Logger	3479		
Bottom Logged Interval	3478		
Top Log Interval	2800		
Casing Driller	8.625 @ 343		
Casing Logger	346		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	7.600		
Density / Viscosity	9.2 54		
pH / Fluid Loss	10.5 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	.35 @ 56		
Rmf @ Meas. Temp	.26 @ 56		
Rmc @ Meas. Temp	.47 @ 56		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.17 @ 113		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	113		
Equipment Number	007		
Location	Hays		
Recorded By	K. Bange		
Witnessed By	Wes Hansen		

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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

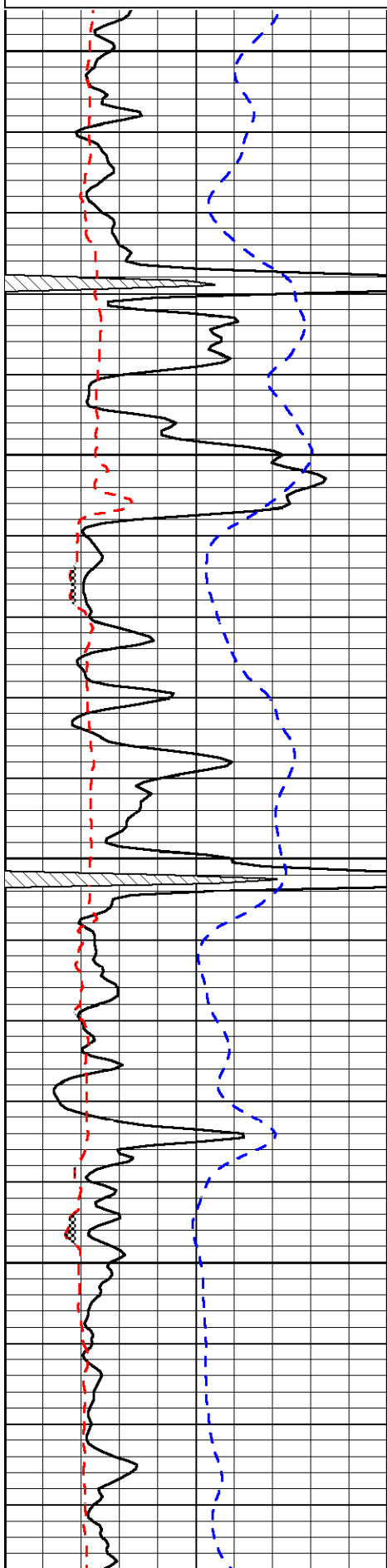
Hoisington, S to BCCC rd, E to 156, NE 100 yds to 60 rd, N 2 to 40 rd,
3/4 W, S into

Database File: c:\warrior\data\hartman_neeland no. 1\hartmanhd.db
 Dataset Pathname: dil/hart2in
 Presentation Format: micro
 Dataset Creation: Fri Feb 12 11:27:12 2010
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
15000	Line Weight (lb)	0

LSPD
(ft/min)

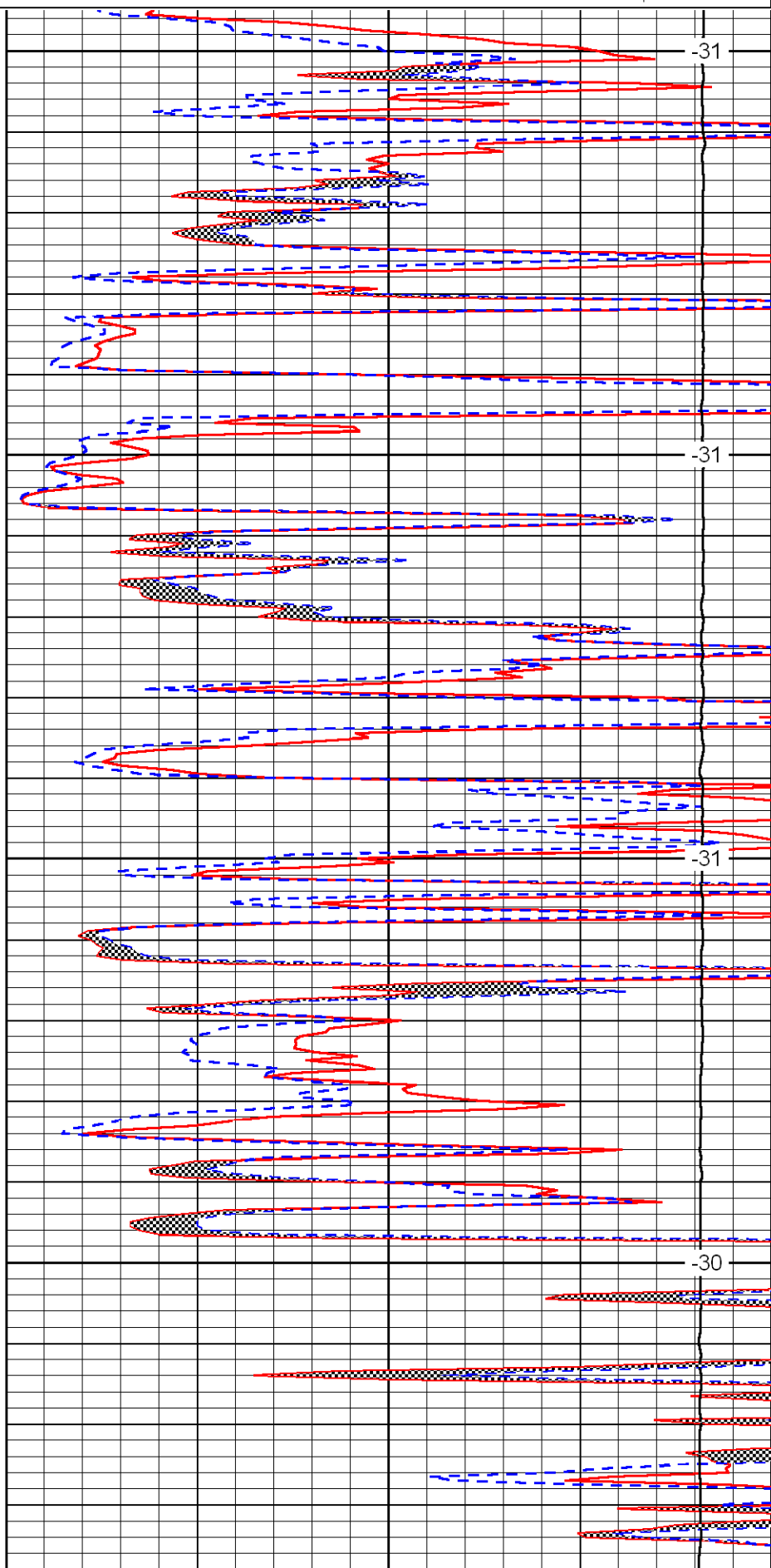


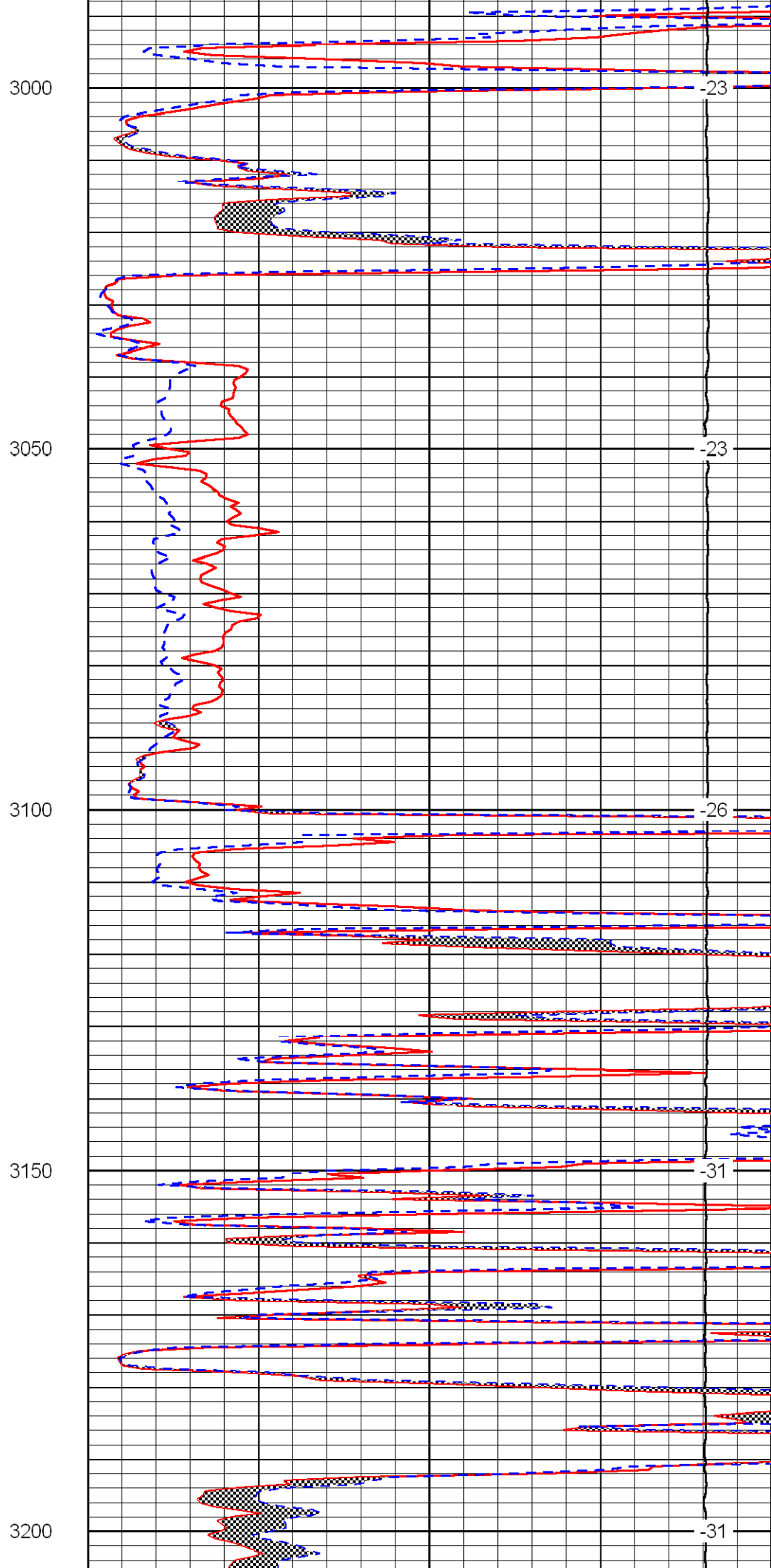
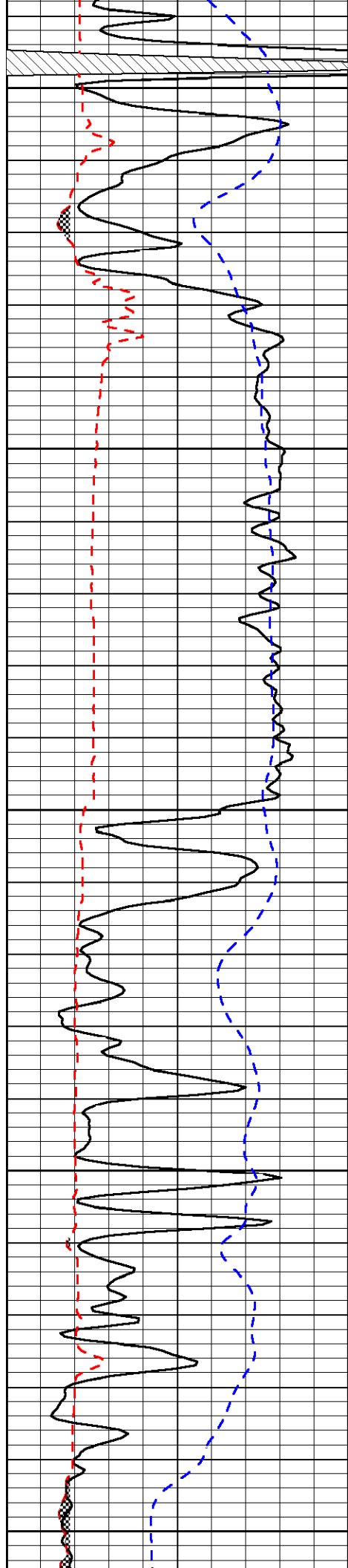
2800

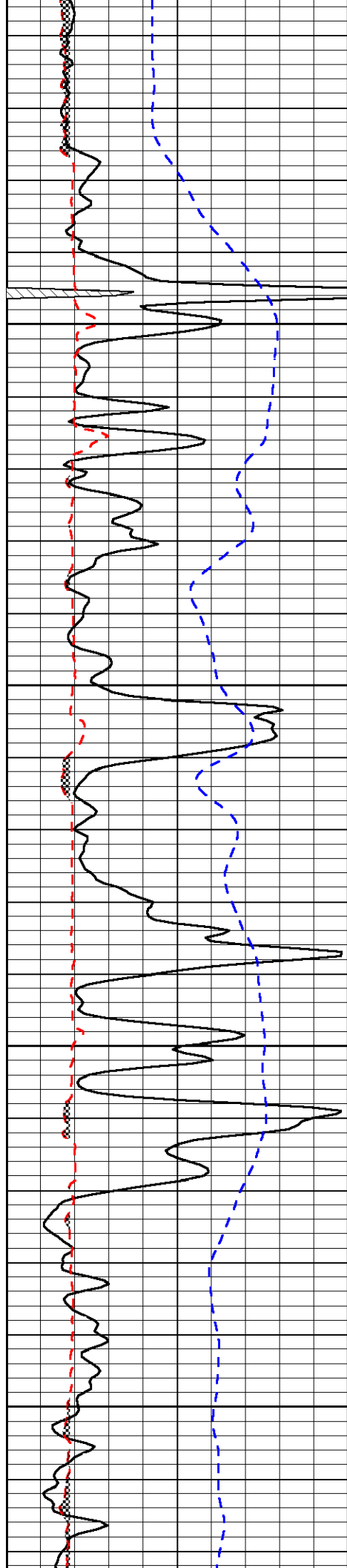
2850

2900

2950





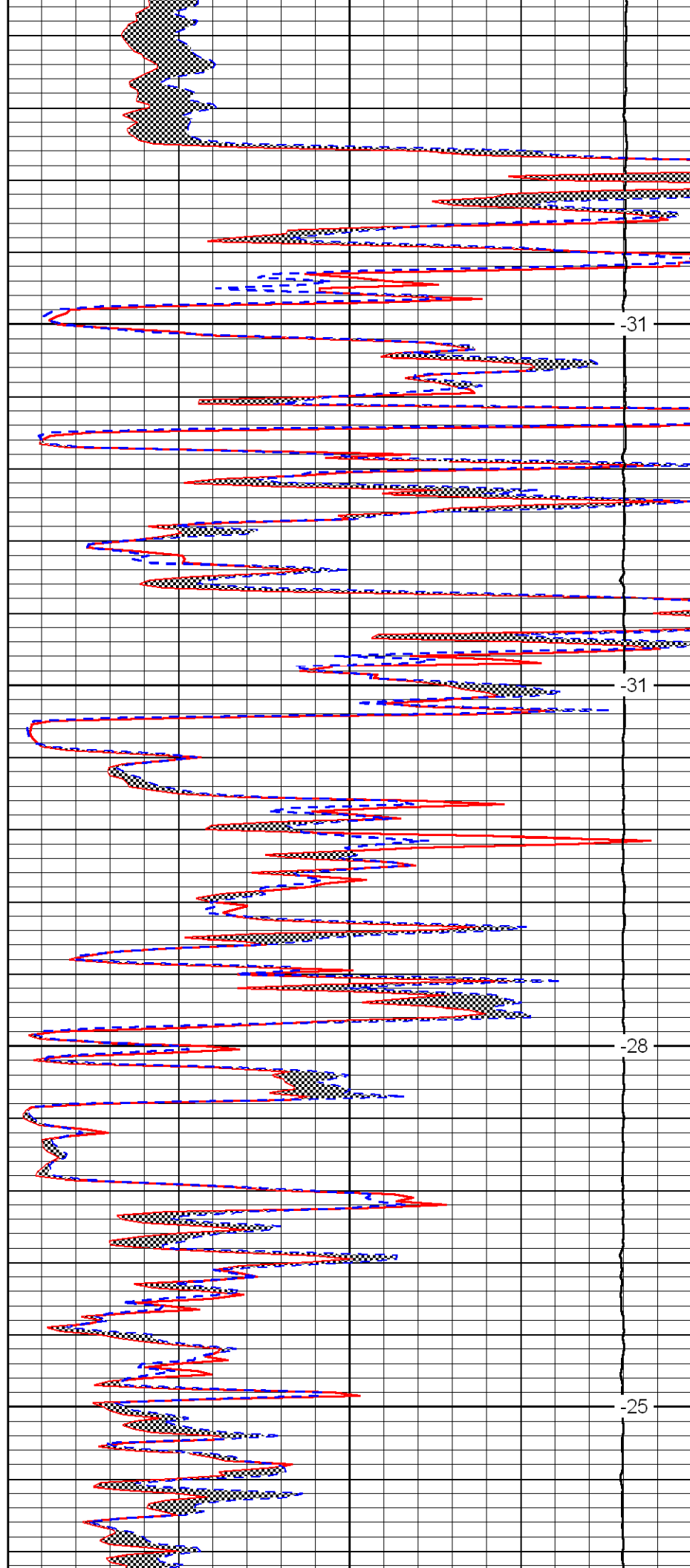


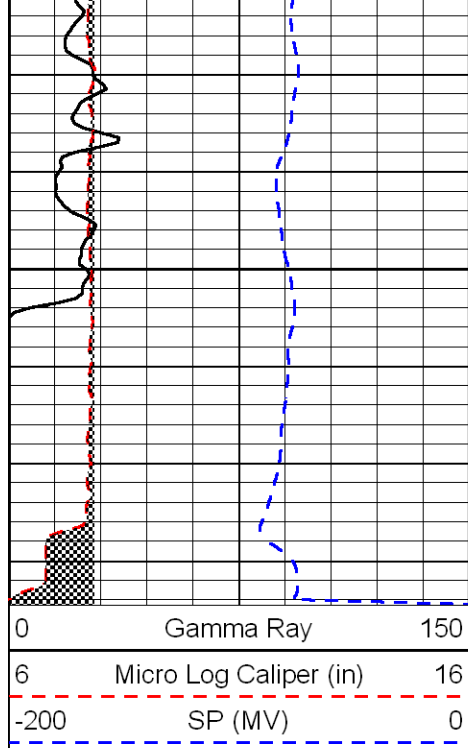
3250

3300

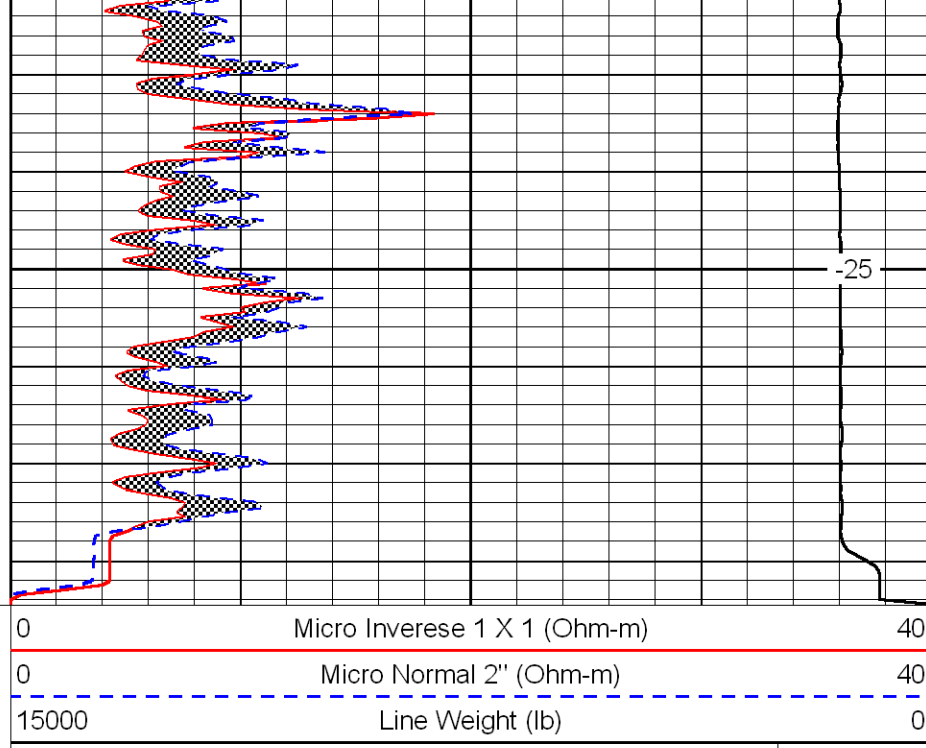
3350

3400





3450



LSPD
(ft/min)