SUPERIOR WELL SERVICES

GAMMA RAY C.C.L.
CEMENT BOND V.D.L.

Company	NOBLE ENERGY INC.
Well	DRAKE PC MM14-08D
Field	WATTENBERG
County	WELD
State	COLORADO

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Location:	API #: 05.123.33875 1831' FSL & 1870' FEL NWSE SEC 14 TWP 7N RGE 67W	Other Services	
Permanent Datum	GL	Elevation 5003	Elevation K.B. 5019 D.F. 5019 G.L. 5003
Log Measured From	KB		
Drilling Measured From	KB		

Date	09.29.2011
Run Number	ONE
Depth Driller	
Depth Logger	7830
Bottom Logged Interval	7829
Top Log Interval	1540
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	236° F
Estimated Cement Top	2674
Time Well Ready	MAST UNIT
Time Logger on Bottom	2-3/4 NX4
Equipment Number	3312
Location	STERLING
Recorded By	LEROY HOBBS
Witnessed By	S.ARMSTRONG

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8"	24.00 / J-55	SURFACE	601.9
Prot. String				
Production String	4-1/2"	11.60 / M-80	SURFACE	7882.0
Liner				

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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

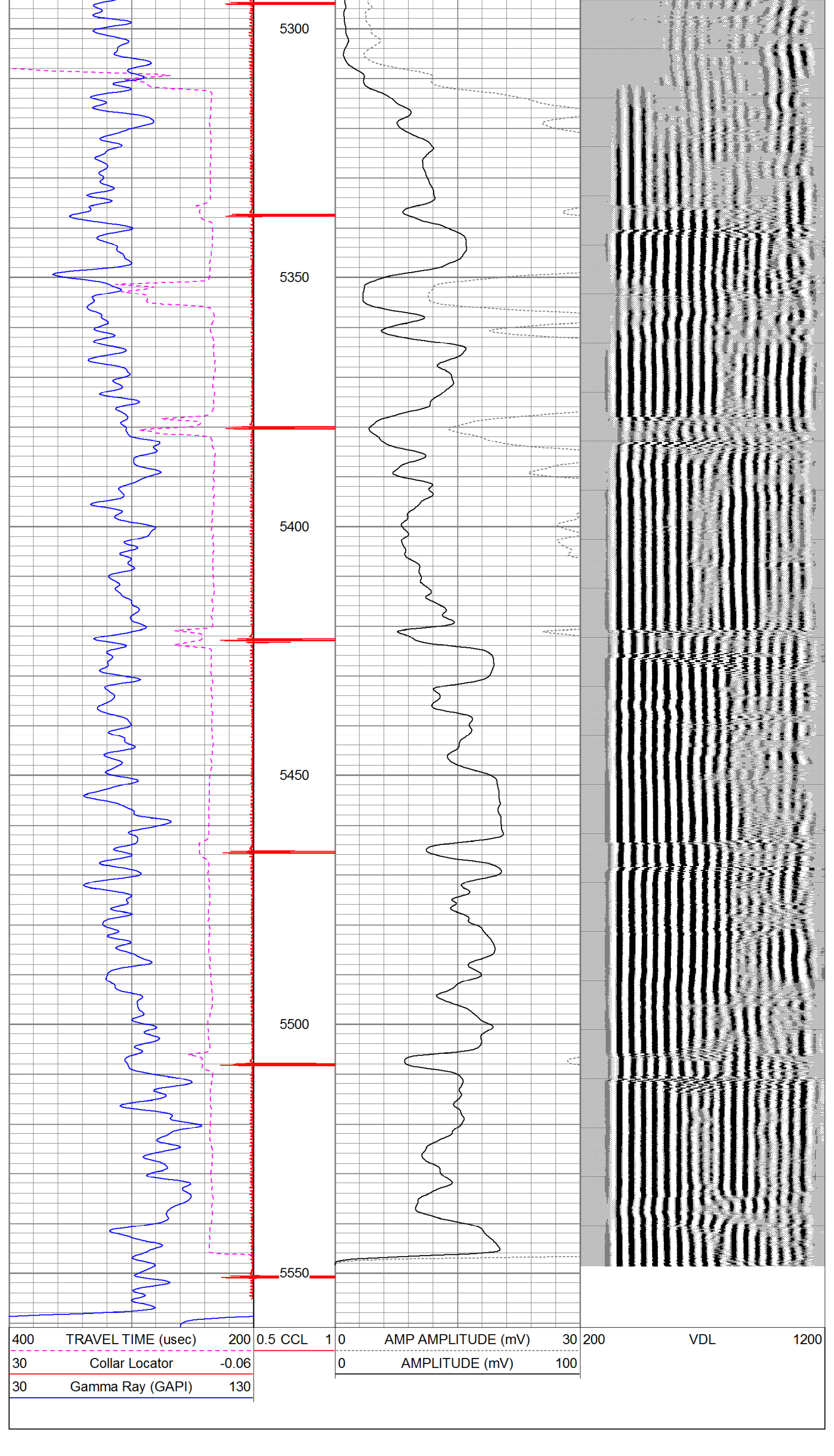
THANK YOU FOR USING SUPERIOR WELL SERVICES.

NO OPEN HOLE LOG!!!!!

TWO WELL PAD X=DRAKE PC MM14-08D
WEST
SOUTH O X NORTH
EAST

Database File: drakepc14-08cbl.db
Dataset Pathname: pass2
Presentation Format: cbl_drs
Dataset Creation: Thu Sep 29 11:20:10 2011 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

400	TRAVEL TIME (usec)	200	0.5 CCL 1	0	AMP AMPLITUDE (mV)	30	200 VDL	1200
30	Collar Locator	-0.06		0	AMPLITUDE (mV)	100		
30	Gamma Ray (GAPI)	130						



Database File:	drakepc14-08cbl.db
Dataset Pathname:	pass1
Presentation Format:	cbl_drs
Dataset Creation:	Thu Sep 29 10:50:37 2011 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240