NABORS
COMPLETION & PRODUCTION SERVICES CO.

DUAL RECEIVER CEMENT BOND LOG

Company GRAND MESA OPERATING COMPANY
Well GLENNIS #4-27
Field WILDCAT
County GOVE
State KANSAS

Company GRAND MESA OPERATING COMPANY
Well GLENNIS #4-27
Field WILDCAT
County GOVE State KANSAS
Location: API # : 15-063-22054-0000
757' FNL & 2013' FEL
SEC 27 TWP 13S RGE 31W

Other Services
PERF

Permanent Datum GROUND LEVEL Elevation 2860
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2865
D.F. 2863
G.L. 2860

Date	11-26-12
Run Number	ONE
Depth Driller	4630
Depth Logger	4616
Bottom Logged Interval	4614
Top Log Interval	3400
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	3512
Time Well Ready	
Time Logger on Bottom	
Equipment Number	788
Location	HAYS, KS
Recorded By	JASON CAPPELLUCCI
Witnessed By	JOHN JOHNSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4	0	219				
TWO	7 7/8	219	4289				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8		0	219
Prot. String	5 1/2		0	
Production String				
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 HAYS, KS (785) 628-6395
DIRECTIONS: OAKLEY, KS. - S. TO GOVE RD. - 5 E. TO RD. 16 - 3 S. TO RD. P
1 E. - 1 S. - W. INTO

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MAIN SECTION

Database File: 010095cbl.db
Dataset Pathname: pass3.1
Presentation Format: dcbl02
Dataset Creation: Mon Nov 26 12:11:24 2012 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
210 5' Travel Time (usec) 1000
0 3' Amplitude (mV) 100
9 CCL -1
0 Amplified Amplitude (mV) 20
200 5FT VDL 1000

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210 5' Travel Time (usec) 1000
0 3' Amplitude (mV) 100
9 CCL -1
0 Amplified Amplitude (mV) 20
200 5FT VDL 1000

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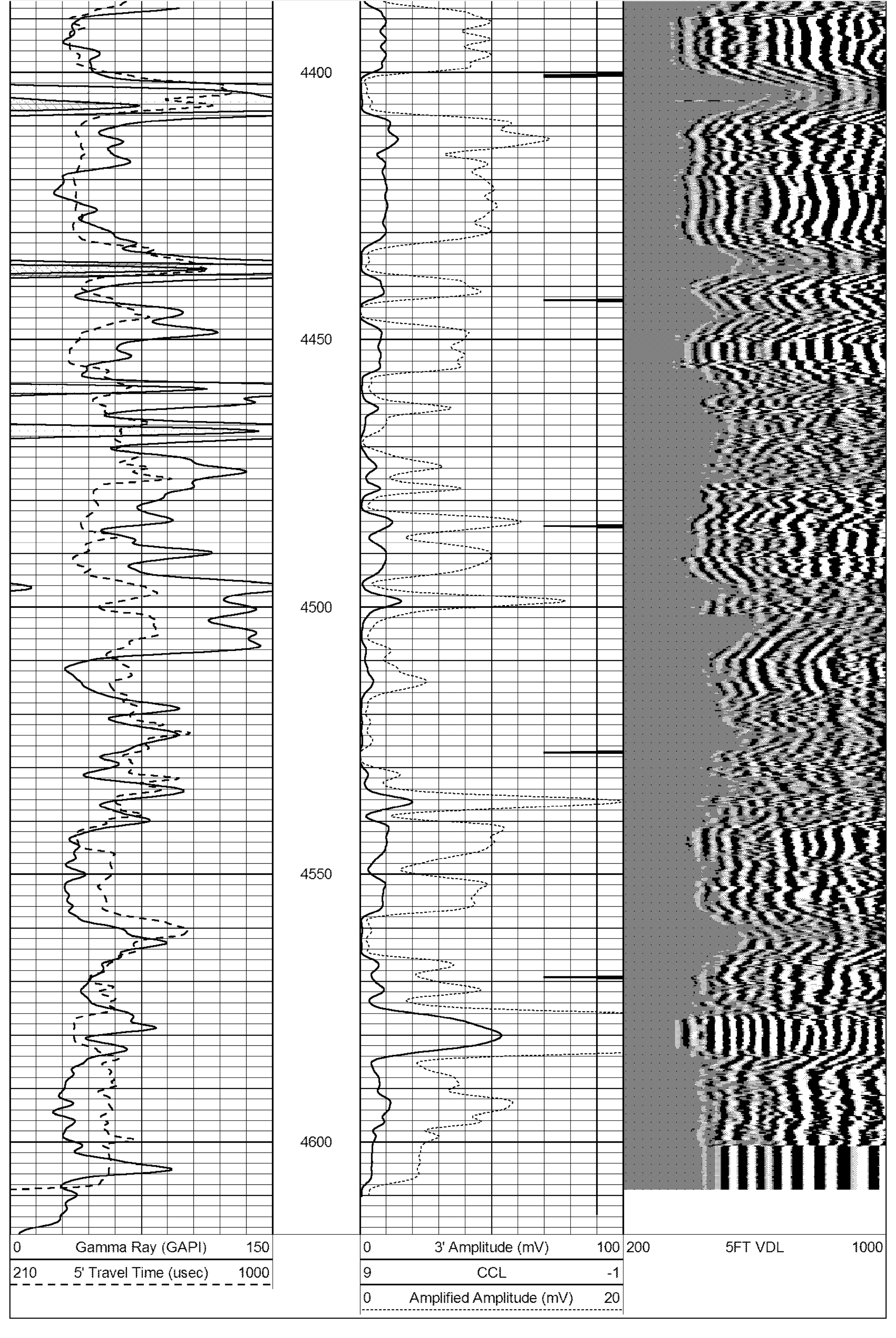
REPEAT SECTION

Database File: 010095cbl.db
Dataset Pathname: pass2.1
Presentation Format: dcbl02
Dataset Creation: Mon Nov 26 12:12:16 2012 by Calc SOC 120430
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
210 5' Travel Time (usec) 1000
0 3' Amplitude (mV) 100
9 CCL -1
0 Amplified Amplitude (mV) 20
200 5FT VDL 1000



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