Perf-Tech
Wireline Services

DUAL RECEIVER CEMENT BOND LOG

Company	MID-CONTINENT RESOURCES, INC.
Well	HUMBURG No.3X
Field	SCHABEN
County	NESS
State	KANSAS

Company MID-CONTINENT RESOURCES, INC.
Well HUMBURG No.3X
Field SCHABEN
County NESS State KANSAS

Location: API # : 15-135-25,933-0000

1700' FSL & 335' FEL

SEC 25 TWP 19S RGE 21W

Other Services

Permanent Datum GROUND LEVEL Elevation 2273
Log Measured From K.B. 8' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2281
D.F.
G.L. 2273

Date	FEB 10, 2017		
Run Number	ONE		
Depth Driller	4406		
Depth Logger	4405		
Bottom Logged Interval	4404		
Top Log Interval	//		
Open Hole Size	12.25		
Type Fluid	WATER		
Density / Viscosity	//		
Max. Recorded Temp.	//		
Estimated Cement Top	3280		
Time Well Ready	//		
Time Logger on Bottom	//		
Equipment Number	PT-05		
Location	HAYS		
Recorded By	BRAD LEIKER		
Witnessed By	MR. SCOTT CORSAIR		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25	00	221				
TWO	7.875	00	4405				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8	23#	00	221
Prot. String				
Production String	5 1/2	15.5#	00	4405
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
PERF-TECH WIRELINE SERVICES, INC.
(785) 623-3969

BAZINE KS, 5 1/2 SOUTH,
WEST INTO.

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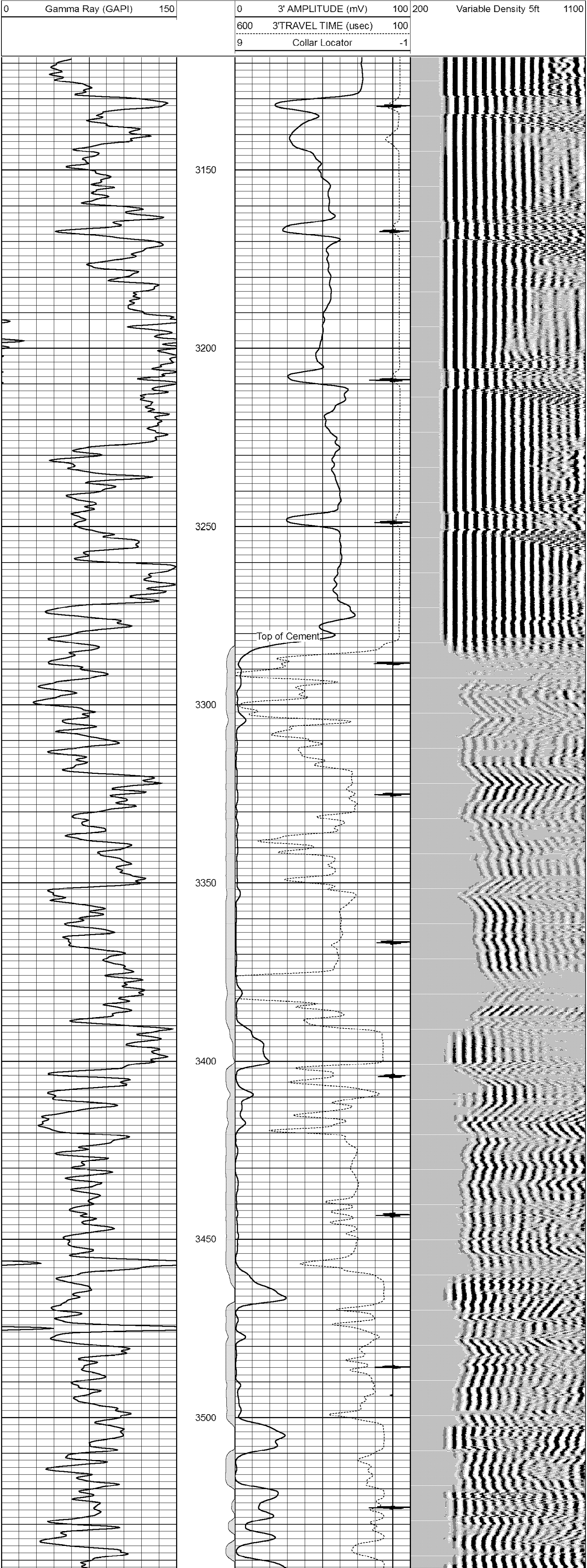
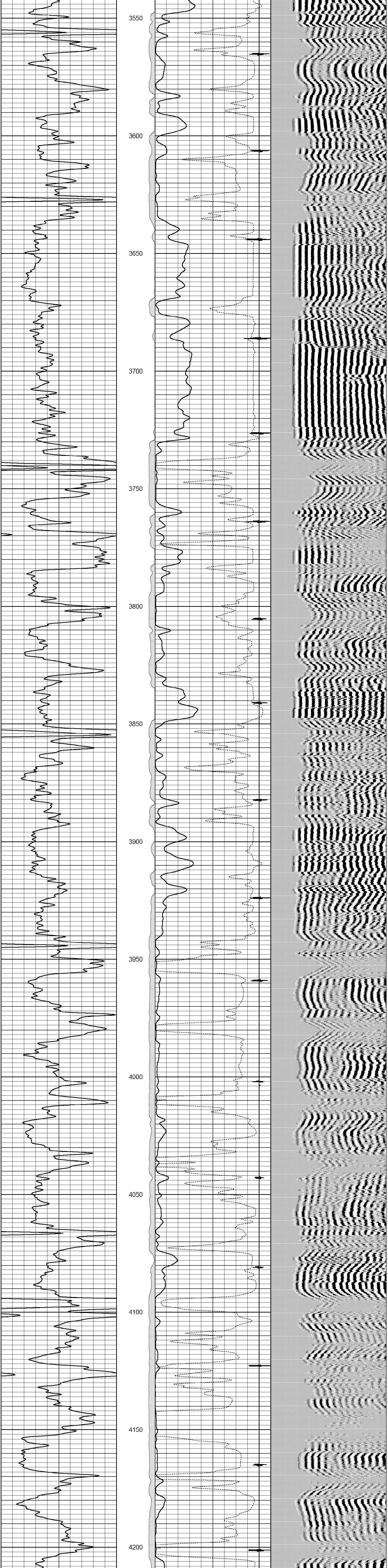
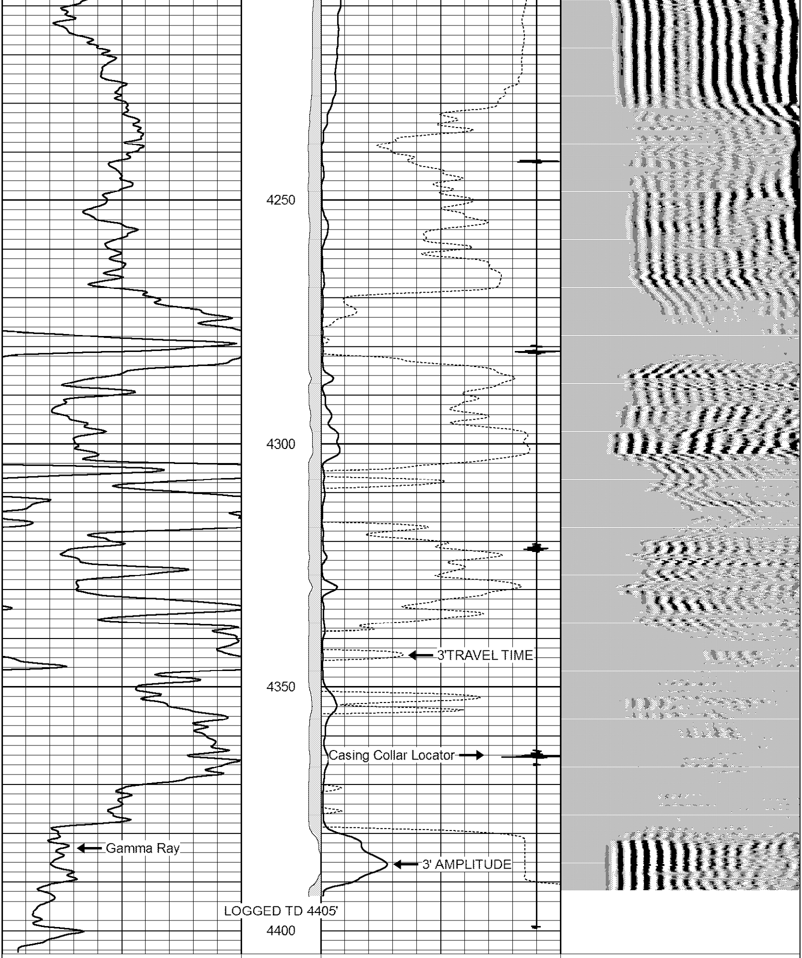
MAIN PASS

Database File:	feb101705.db
Dataset Pathname:	pass3
Presentation Format:	3x5
Dataset Creation:	Fri Feb 10 12:26:11 2017 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240







0 Gamma Ray (GAPI) 150	0 3' AMPLITUDE (mV) 100	200 Variable Density 5ft 1100
	600 3'TRAVEL TIME (usec) 100	
	9 Collar Locator -1	

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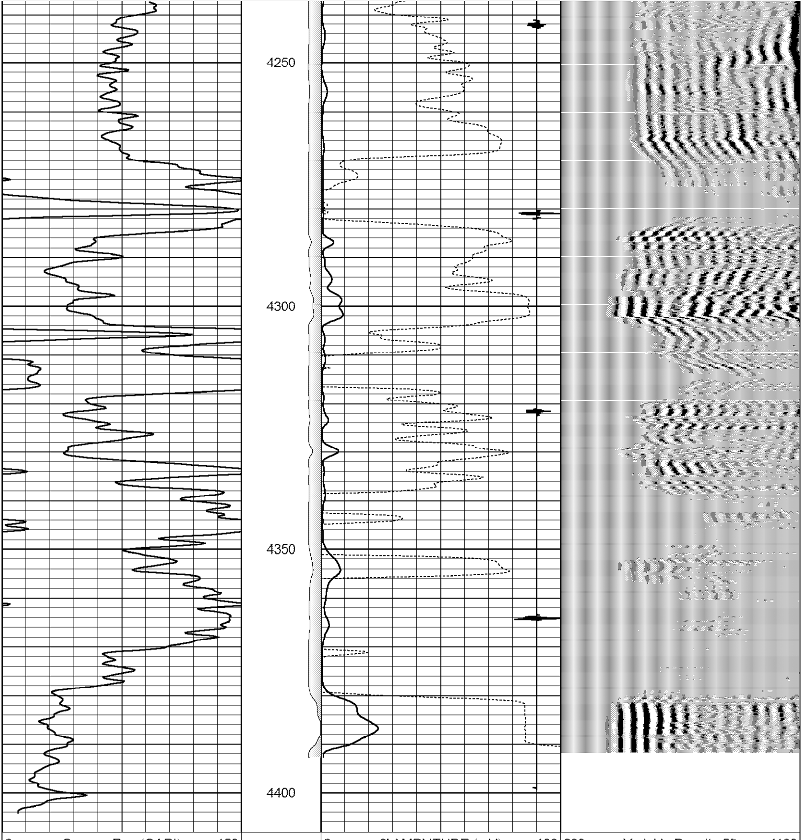
REPEAT SECTION

Database File:	feb101705.db
Dataset Pathname:	pass2
Presentation Format:	3x5
Dataset Creation:	Fri Feb 10 12:20:23 2017 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150	0 3' AMPLITUDE (mV) 100	200 Variable Density 5ft 1100
	600 3'TRAVEL TIME (usec) 100	
	9 Collar Locator -1	



0 Gamma Ray (GAPI) 150	0 3' AMPLITUDE (mV) 100	200 Variable Density 5ft 1100
	600 3'TRAVEL TIME (usec) 100	
	9 Collar Locator -1	