



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

Company	EAST CHEYENNE GAS STORAGE LLC		Country				
Well	WP-D005-01						
Field	PEETZE WEST						
County	WELD						
State	COLORADO						
Company EAST CHEYENNE GAS STORAGE LLC			Well WP-D005-01				
Field PEETZE WEST			County WELD				
State COLORADO			Country				
Location:			API # : 05.07509410	Other Services			
SEC 31 TWP 12N RGE 52W							
1065' FSL & 2185' FEL							
Permanent Datum	GL	Elevation	4543'	Elevation			
Log Measured From	KB			K.B. 4557'			
Drilling Measured From	KB			D.F. 4556'			
				G.L. 4543'			
Date	19-SEPT-2017						
Run Number	ONE						
Depth Driller	5280'						
Depth Logger	3756'						
Bottom Logged Interval	3754'						
Top Log Interval	3400						
Open Hole Size	8.750"						
Type Fluid	WATER						
Density / Viscosity	8.34PPG						
Max. Recorded Temp.	132DEG						
Estimated Cement Top	3396'						
Time Well Ready	7:00AM						
Time Logger on Bottom	7:45AM						
Equipment Number	34						
location	STERLING						
Recorded By	LEROY HOBBS						
Witnessed By	GARY OLHMAN						
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size		Wgt/Ft		Top		Bottom
Surface String	9.625"		36#		SURFACE		1218'
Prod. String							
Production String	7"		26#		SURFACE		5247'
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

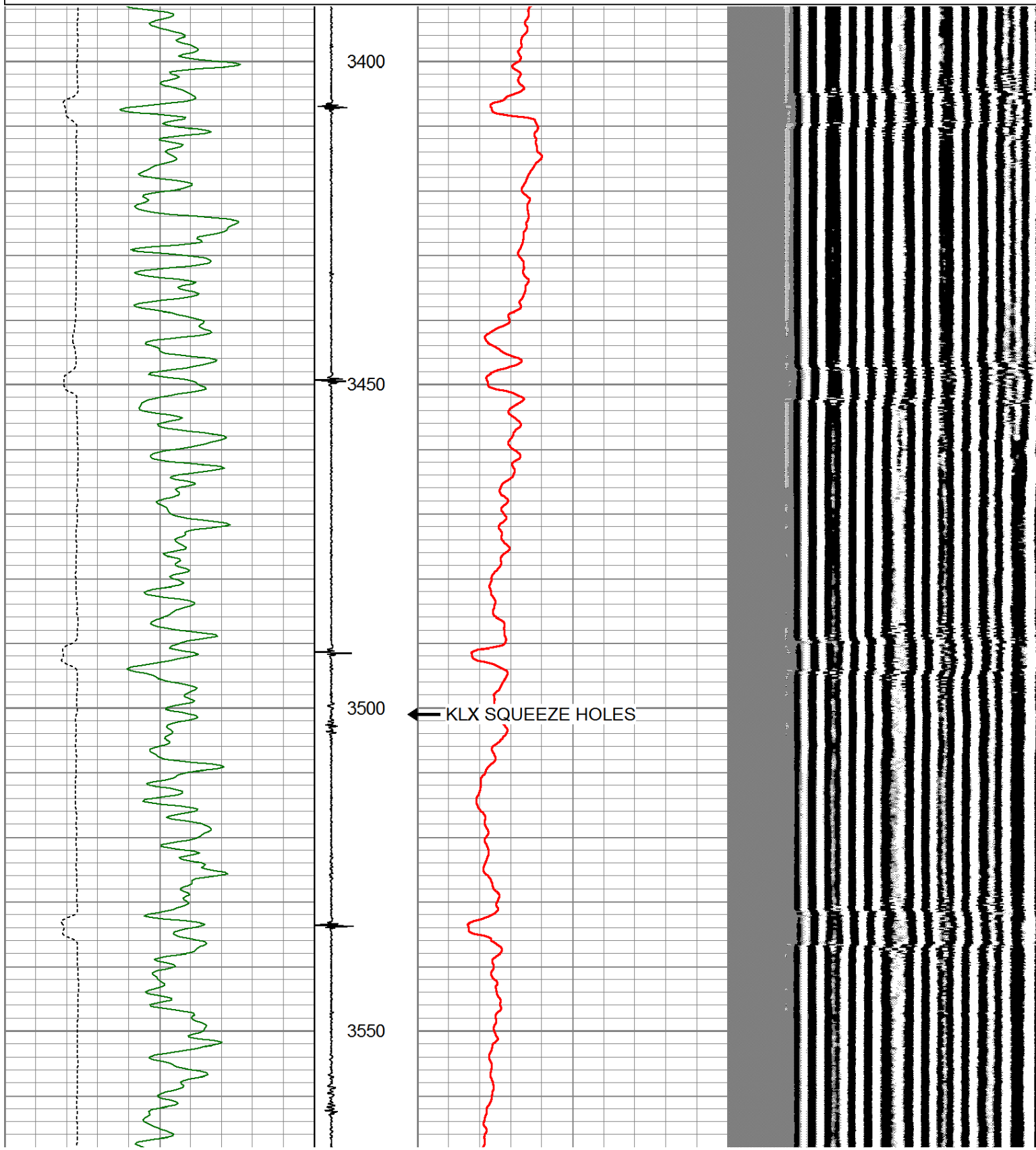


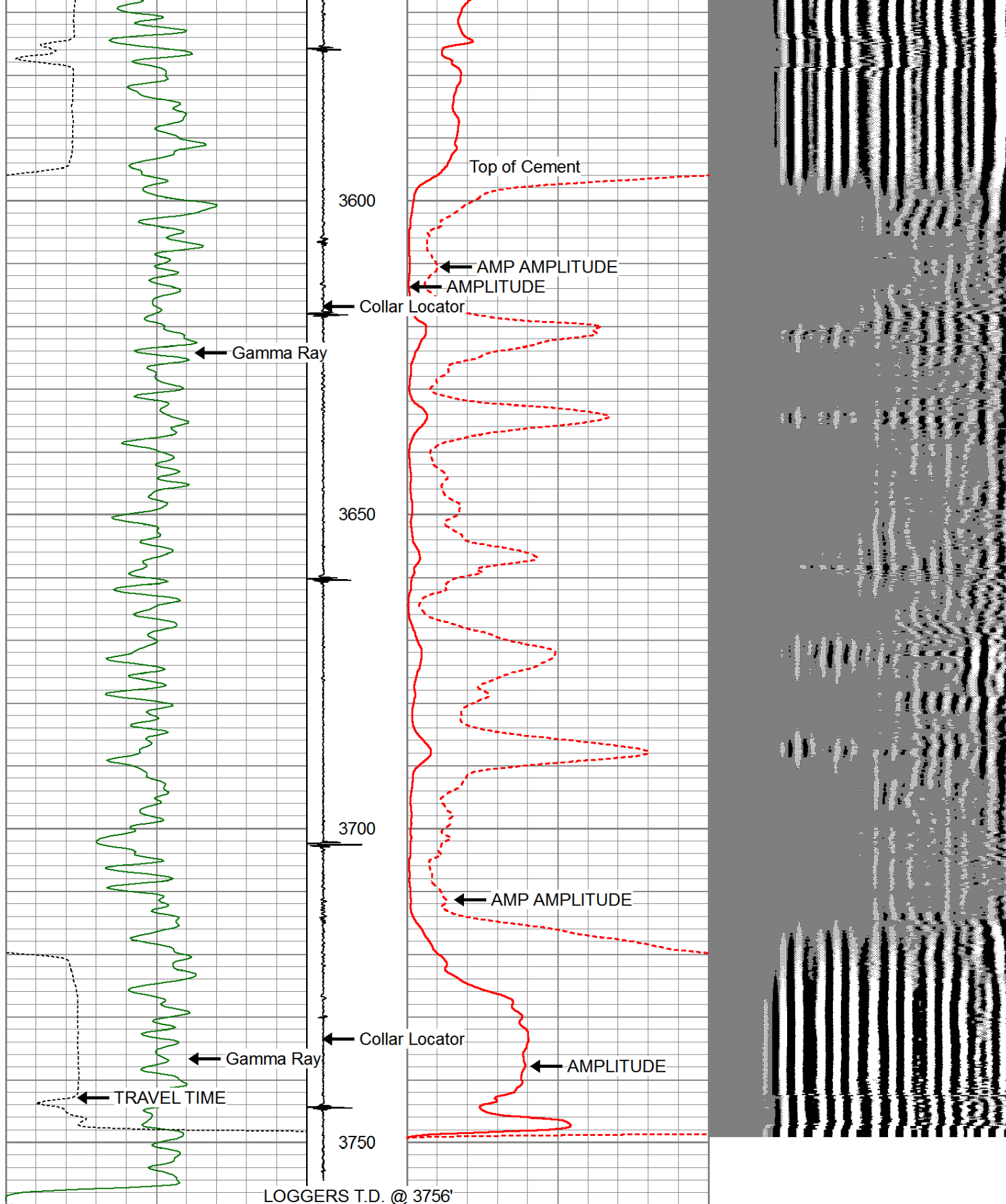
**EAST CHEYENNE GAS STORAGE LLC**

WP-D005-1  
API# 05.075.09410

Database File: wp-d005-1\_cbl.db  
Dataset Pathname: pass2  
Presentation Format: cbl\_drs  
Dataset Creation: Tue Sep 19 08:59:07 2017 by Log Std Casedhole 10081  
Charted by: Depth in Feet scaled 1:240

400	TRAVEL TIME (usec)	200	Collar Locator	0	AMP AMPLITUDE (mV)	10	200	VDL	1200
0	Gamma Ray (GAPI)	150	-1	5	0	AMPLITUDE (mV)	100		
0	Line Speed (ft/min)	100							
400	TT3FT (usec)	200							





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0	Line Speed (ft/min)	100							
400	TT3FT (usec)	200							

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3FT	11.83		RBT-Probe LT Radii (120104) RADII LT	8.75	2.75	106.50
WVFCAL	11.83					
WVFS1	11.83					
WVFS2	11.83					
WVFS3	11.83					
WVFS4	11.83					
WVFS5	11.83					
WVFS6	11.83					
WVFS7	11.83					
WVFS8	11.83					
WVF5FT	10.83					
TEMP	8.76					
			PTS275	2.83	2.75	
CCL	3.92					
GR	2.54		GR-Probe275dig (080829) Probe Digital Gamma CCL	4.75	2.75	57.00

