PIONEER
Pioneer Energy Services

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

Company	BAYSWATER EXPLORATION AND PROD. LLC		
Well	BOWER 10-3		
Field	WATTENBERG		
County	WELD		
State	COLORADO	Country	USA

Location: API # : 05-123-36735-0000
SHL: 1980' FSL X 565' FEL
BHL: 1928' FSL X 1959' FEL
SEC 3 TWP 6N RGE 67W

Other Services
PERF

Permanent Datum	GL	Elevation	4941'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4957'
D.F. 4956'
G.L. 4941'

Company BAYSWATER EXPLORATION AND
Well BOWER 10-3
Field WATTENBERG
County WELD
State COLORADO Country USA

Date	APRIL 16, 2013
Run Number	ONE
Depth Driller	7750'
Depth Logger	7672'
Bottom Logged Interval	7660'
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	208 DEG. F
Estimated Cement Top	NA
Time Well Ready	NA
Time Logger on Bottom	NA
Equipment Number	ONE
Location	FORT MORGAN
Recorded By	RANDY AZEVEDO
Witnessed By	PAT MARTIN

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String	4.5"	11.6#	SURFACE	7750'
Production String				
Liner				

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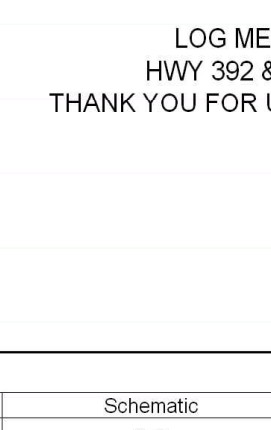
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

LOG MEASURED FROM RIG KB 16'
HWY 392 & WCR 21 N 2.25 / WEST INTO
THANK YOU FOR USING PIONEER ENERGY SERVICES
N
W X O E
S
SO # 2-203622



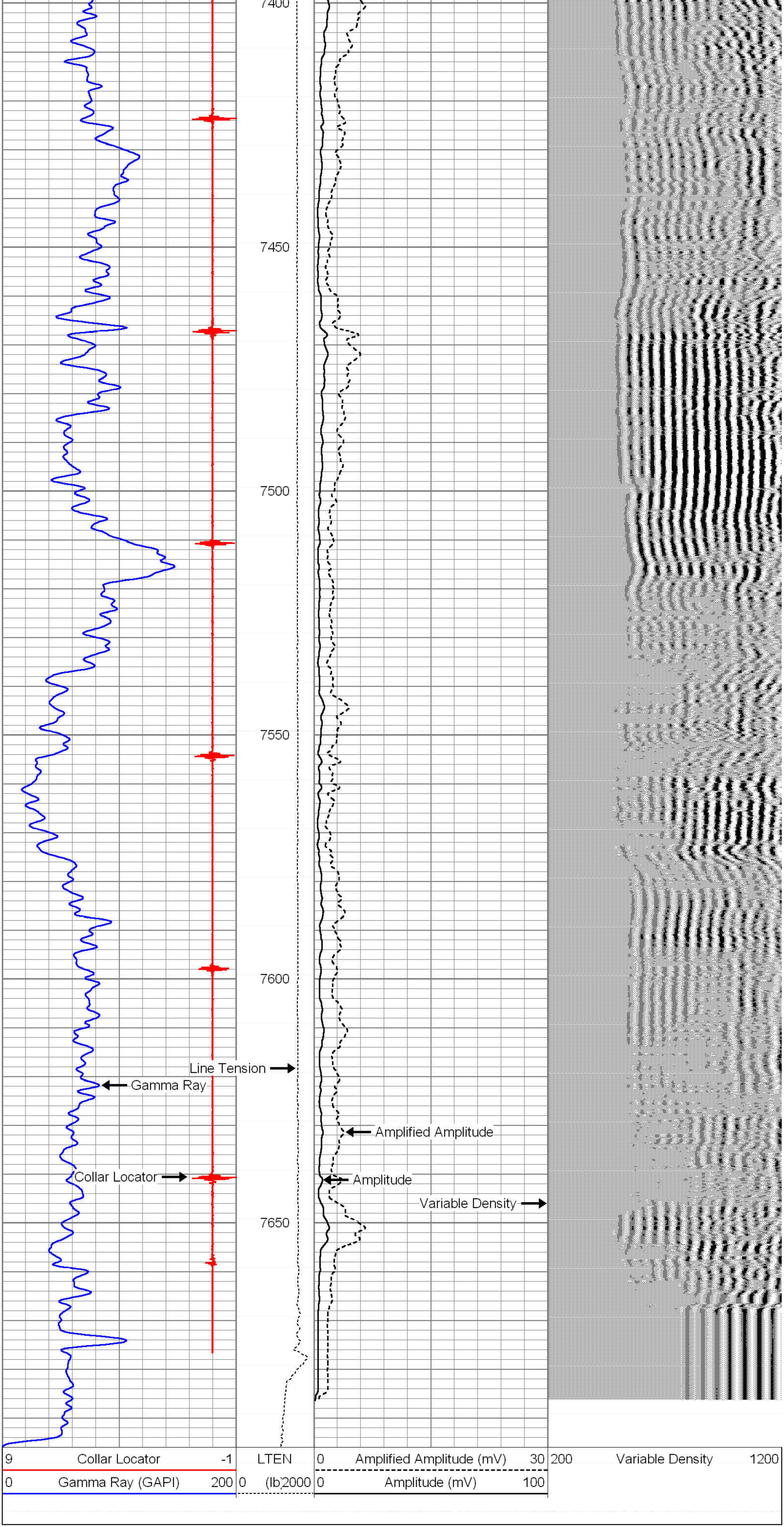
Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
CCL	19.31	CCL-titan01 (01t)	1.92	2.75	
		SDSCENT Centralizer for testing	3.00	3.25	20.00
WVF3 WVF5	10.92 9.92	CBL-Probe (050215) 2.75 digital probe	8.75	2.75	106.50
		SDSCENT Centralizer for testing	3.00	3.25	20.00
GR	1.13	GR-probe 2.75 (51013)	3.67	2.75	100.00

Dataset: bower 10-3 cbl.db: field/well/run1/pass3
Total Length: 20.33 ft
Total Weight: 246.50 lb
O.D. 3.25 in

Database File: bower 10-3 cbl.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Tue Apr 16 08:54:38 2013 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1	LTEN		0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	(lb)2000	0	Amplitude (mV)	100			

Database File: bower 10-3 cbl.db
Dataset Pathname: pass2
Presentation Format: cbl_dr
Dataset Creation: Tue Apr 16 08:22:44 2013 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240


7400
7450
7500
7550
7600
7650
Line Tension
Gamma Ray
Collar Locator
Amplified Amplitude
Amplitude
Variable Density
9
Collar Locator
-1
0
Gamma Ray (GAPI)
200
LTEN
0
(lb)
2000
0
Amplified Amplitude (mV)
30
0
Amplitude (mV)
100
200
Variable Density
1200