PIONEER
Pioneer Energy Services

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

Company	BAYSWATER EXPLORATION AND
Well	BOWER 15-3
Field	WATTENBERG
County	WELD
State	COLORADO Country USA

Company BAYSWATER EXPLORATION AND PROD. LLC.
Well BOWER 15-3
Field WATTENBERG
County WELD
State COLORADO Country USA

Location: API # : 05123357320000
SHL: 1980' FSL X 550' FEL NESE
EST. BHL: 702' FSL X 2005' FEL SWSE
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'

Date	APRIL 16, 2013
Run Number	ONE
Depth Driller	7932'
Depth Logger	7860'
Bottom Logged Interval	7872'
Top Log Interval	SURFACE
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	209 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	7932
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

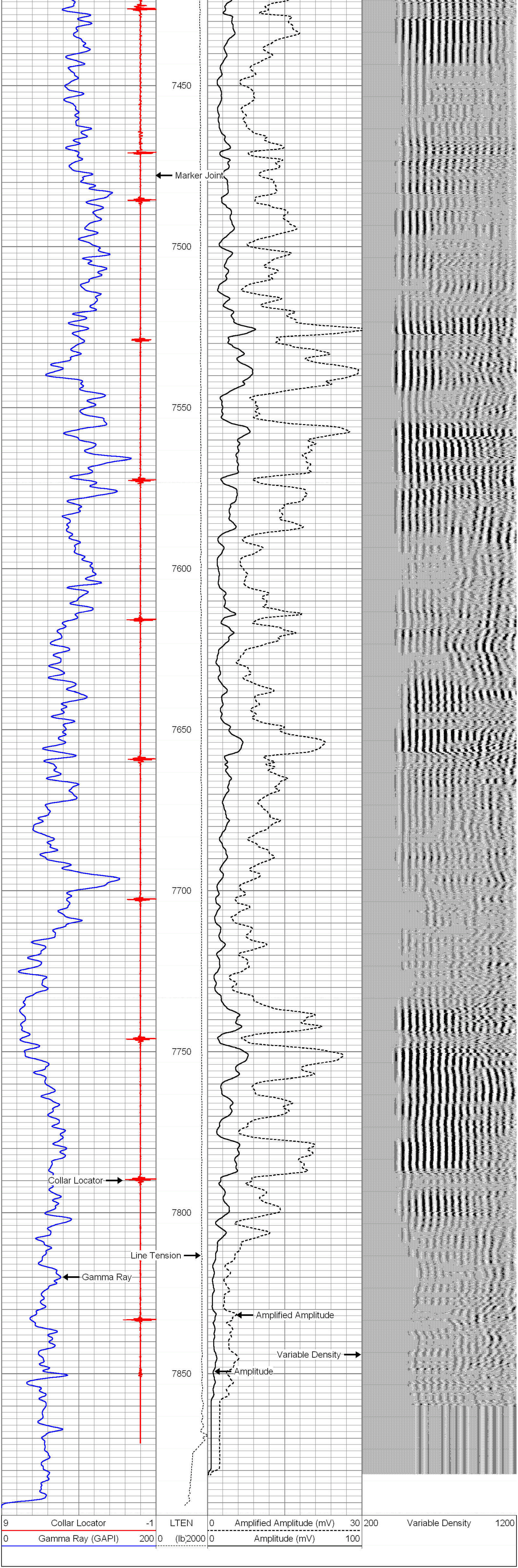
LOG CORRILATED TO PIONEER OPEN HOLE LOG DATED APRIL 6, 2013
HWY 392 & WCR 21 N 2.25 / WEST INTO
THANK YOU FOR USING PIONEER ENERGY SERVICES
N
W O X E
S
SO # 2-203623

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	10.92	CBL-Probe (050215) 2.75 digital probe	8.75	2.75	106.50
WVF5	9.92				
		SDSCENT Centralizer for testing	3.00	3.25	20.00
		GR-probe 2.75 (51013)	3.67	2.75	100.00
GR	1.13				

Dataset: bower 15-3 cbl.db: field/well/run1/pass3
Total Length: 20.33 ft
Total Weight: 246.50 lb
O.D. 3.25 in

Database File:	bower 15-3 cbl.db
Dataset Pathname:	pass3
Presentation Format:	cbl_dr
Dataset Creation:	Tue Apr 16 10:52:06 2013 by Log SCH 110722
Charted by:	Depth in Feet scaled 1:240

Database File: bower 15-3 cbl.db
Dataset Pathname: pass2
Presentation Format: cbl_dr
Dataset Creation: Tue Apr 16 10:19:32 2013 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240


7450
Marker Joint
7500
7550
7600
7650
7700
7750
Collar Locator
7800
Line Tension
Gamma Ray
Amplified Amplitude
Variable Density
7850
Amplitude
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