PIONEER
Pioneer Energy Services

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

Company	BAYSWATER EXPLORATION AND
Well	RIVER BLUFFS 18-13
Field	WATTENBERG
County	LARIMER
State	COLORADO Country USA

Company BAYSWATER EXPLORATION AND PROD. LLC.
Well RIVER BLUFFS 18-13
Field WATTENBERG
County LARIMER
State COLORADO Country USA

Location: API # : 05069064510000
SHL: 1758' FNL & 1452' FEL SWNE
BHL: 1378' FNL & 1266' FWL SWNW
SEC 13 TWP 6N RGE 68W

Other Services
PERF

Permanent Datum GL Elevation 4802'
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4818'
D.F. 4817'
G.L. 4802'

Date	APRIL 2, 2013
Run Number	ONE
Depth Driller	7532'
Depth Logger	7522'
Bottom Logged Interval	7510'
Top Log Interval	50'
Open Hole Size	7.875"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	174 DEGF
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	7532'
Production String				
Liner				

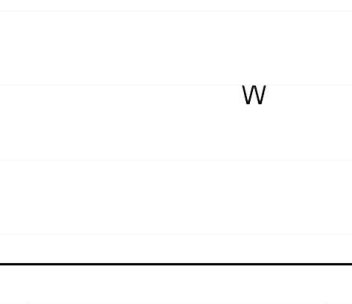
<<< Fold Here >>>

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 HES OPEN HOLE LOG DATED 17-MAR-13
THANK YOU FOR USING PIONEER ENRGY SERVICES
SO # 2-203612

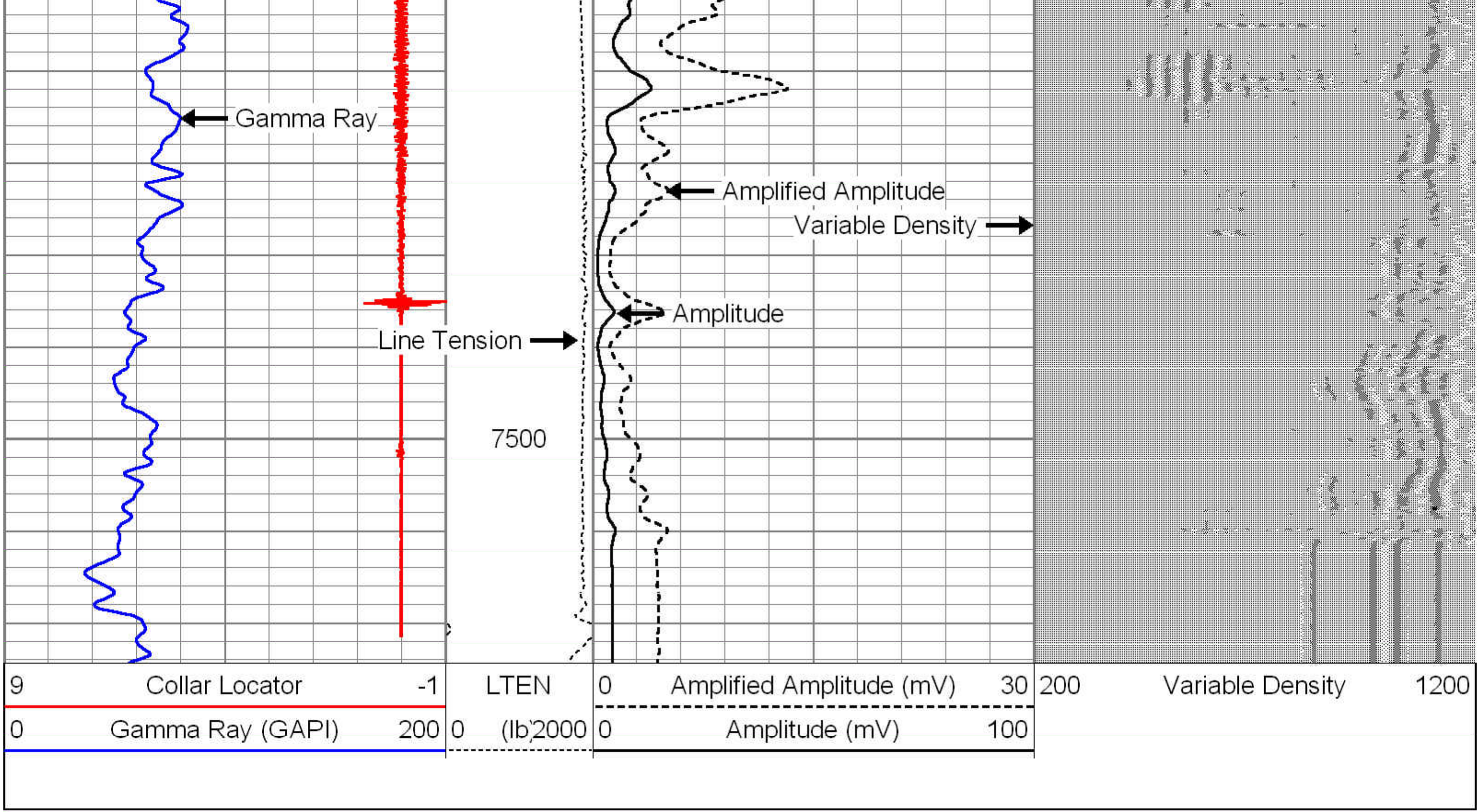
N
X
W E
O
S

Sensor	Offset (ft)	Schematic	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	1.13		GR-probe 2.75 (51013)	3.67	2.75	100.00

Dataset: river bluff 18-13 cbl.db: field/well/run1/pass3
Total Length: 20.33 ft
Total Weight: 246.50 lb
O.D. 3.25 in

Database File: river bluff 18-13 cbl.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Tue Apr 02 15:44:23 2013 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240

Database File: river bluff 18-13 cbl.db
Dataset Pathname: pass2
Presentation Format: cbl_dr
Dataset Creation: Tue Apr 02 15:08:49 2013 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240


Gamma Ray
Amplified Amplitude
Variable Density
Amplitude
Line Tension
7500
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