PIONEER
Pioneer Energy Services

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

Company	BAYSWATER EXPLORATION & PROD. LLC
Well	LAKE 4-27
Field	WATTENBERG
County	WELD
State	CO
Country	USA

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Location:	API #: 05-123-35687
	SHL: 225' FSL & 2409' FWL SESW
	BHL: 642' FNL & 621' FWL NW NW
	SEC 22 TWP 7N RGE 67W
Other Services	PERF
Permanent Datum	GL
Elevation	5004'
Log Measured From	KB
Drilling Measured From	KB
Elevation	K.B. 5020' D.F. 5019' G.L. 5004'

Date	AUG. 8, 2012
Run Number	ONE
Depth Driller	7820'
Depth Logger	7776'
Bottom Logged Interval	7764'
Top Log Interval	682'
Open Hole Size	8.875"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	NA
Time Logger on Bottom	NA
Equipment Number	ONE
Location	FORT MORGAN, CO
Recorded By	RANDY AZEVEDO
Witnessed By	RICK OHLEMEIER

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"	11.6LB	SURFACE	7820'
Liner				

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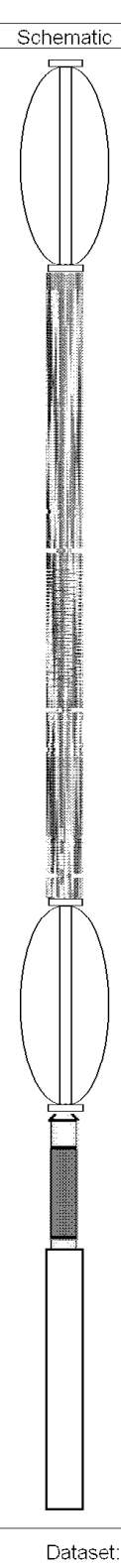
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

Comments

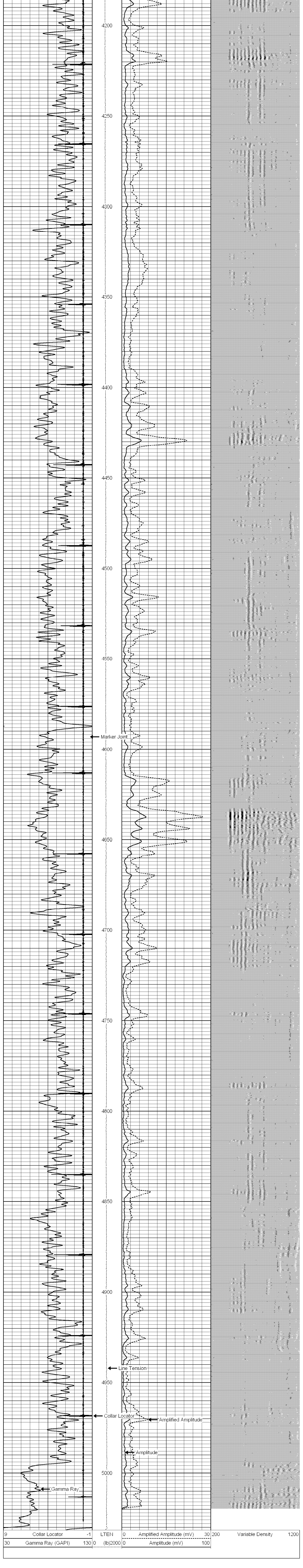
THANK YOU FOR USING PIONEER ENERGY SERVICES.
WCR 78 & WCR 21 WEST 1/2 NORTH INTO
CODELL 7664' - 7683'
CORRILATED TO PWS OPEN HOLE DATED 7-24-2012
SO#2-203260
N
W O X O O E
S



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		SDSCENT Centralizer for testing	3.00	3.25	20.00
WVF3 WVF5	12.83 11.83	CBL-Probe (050215) 2.75 digital probe	8.75	2.75	106.50
		SDSCENT Centralizer for testing	3.00	3.25	20.00
CCL	4.56	CCL-titan01 (01t)	1.92	2.75	
GR	1.13	GR-probe 2.75 (51013)	3.67	2.75	100.00

Dataset: lake 4-27 cbl.db: field/well/run1/pass4
Total Length: 20.33 ft
Total Weight: 246.50 lb
O.D. 3.25 in

Database File: lake 4-27 cbl.db
Dataset Pathname: pass4
Presentation Format: cbl_dr
Dataset Creation: Wed Aug 08 12:52:48 2012 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240



Database File: lake 4-27 cbl.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Wed Aug 08 12:12:36 2012 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240