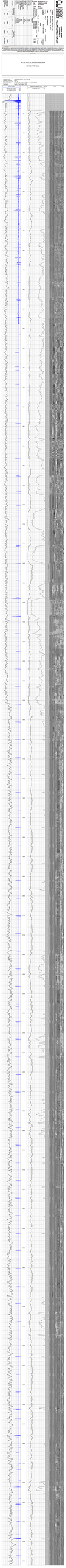

C&J ENERGY SERVICES

CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

Company	BAYSWATER E & P, LLC
Well	THORNTON A-29-30HN
Field	WATTENBERG
County	WELD
State	COLORADO

Company BAYSWATER E & P, LLC
Well THORNTON A-29-30HN
Field WATTENBERG
County WELD State COLORADO
Location: API #: 05-123-43605
SWNW
SEC 28 TWP 7N RGE 66W
Other Services NONE

Permanent Datum GROUND LEVEL Elevation 4090
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4934
D.F. 4933
G.L. 4909

Date	26-SEP-2018
Run Number	ONE
Depth Driller	
Depth Logger	7565
Bottom Logged Interval	7564
Top Log Interval	SURFACE
Casing Size	5.5
Type Fluid	WATER
Max. Recorded Temp.	NOT RECORDED
Estimated Cement Top	---
Time Well Ready	ROA
Time Logger On Bottom	1015
Unit Number	200054
Tool Size / ID Number	2.75 RADII
Location	FT. LUPTON
Recorded By	JIM McKIE
Witnessed By	ME. BRAD BIVINS

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	5.5	15.5	SURFACE	TOTAL DEPTH
Liner				

<<< Fold Here >>>

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

NO LOG AVAILABLE FOR CORRELATION

NO FREE PIPE FOUND

Database File:	bayswater thornton a-29-30hn.db
Dataset Pathname:	pass3
Presentation Format:	scbl_dr
Dataset Creation:	Wed Sep 26 10:10:11 2018 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240

Calibration Report

Database File: bayswater thornton a-29-30hn.db
Dataset Pathname: pass3
Dataset Creation: Wed Sep 26 10:10:11 2018 by Log SCH 120430

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 101010

SHOP CALIBRATION Wed Feb 27 07:52:48 2013

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.6500			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number:	101020	
Tool Model:	Probe	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	1294.783	ft

Master Calibration, performed Wed Sep 12 12:50:15 2018:

Raw (v)	Calibrated (mv)	Results

	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.431	0.900	71.921	49.625	0.900
CAL	0.000	1.747				
5'	0.000	1.231	0.900	71.921	57.692	0.900
SUM						
S1	0.000	1.327	0.000	71.921	54.210	0.000
S2	0.000	1.369	0.000	71.921	52.546	0.000
S3	0.000	1.424	0.000	71.921	50.520	0.000
S4	0.000	1.471	0.000	71.921	48.899	0.000
S5	0.000	1.481	0.000	71.921	48.564	0.000
S6	0.000	1.443	0.000	71.921	49.856	0.000
S7	0.000	1.375	0.000	71.921	52.320	0.000
S8	0.000	1.326	0.000	71.921	54.224	0.000

Internal Reference Calibration, performed Tue Feb 12 12:45:01 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	1.747	1.000	0.000

Air Zero Calibration, performed Wed Jun 13 14:05:09 2018:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000