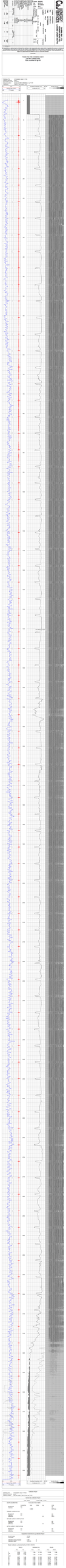

C&J ENERGY SERVICES

GAMMA RAY CCL CEMENT BOND VDL LOGGED UNDER 500 PSI

Company	ANADARKO
Well	MAYER 4-15
Field	WATTENBERG
County	WELD
State	COLORADO

Company ANADARKO
Well MAYER 4-15
Field WATTENBERG
County WELD **State** COLORADO

Location: API # : 05-123-21744
NW/NW
SEC 15 TWP 3N RGE 67W

Other Services

Permanent Datum	GL	Elevation 4793	Elevation
Log Measured From	KB		K.B. 4805
Drilling Measured From	KB		D.F.
			G.L. 4793

Date	DECEMBER 8, 2018
Run Number	ONE
Depth Driller	7267
Depth Logger	3500
Bottom Logged Interval	3500
Top Log Interval	SURFACE
Open Hole Size	7-7/8
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
Estimated Cement Top	3153
Time Well Ready	ROA
Time Logger on Bottom	8:30
Equipment Number	200099
Location	FORT LUPTON
Recorded By	GREG NOLAN
Witnessed By	AL MORALES

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8	24#	12	634
Prot. String				
Production String	4-1/2	11.6@	12	7227
Liner				

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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

THANK YOU FOR CHOOSING CHS!!!!
LOG NOT CORRELATED
TOOL CALIBRATED @1353'

Database File:	cbl anadarko mayer 4-15.db
Dataset Pathname:	pass3
Presentation Format:	apcsector
Dataset Creation:	Sat Dec 08 08:37:38 2018 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

Calibration Report

Database File:	cbl anadarko mayer 4-15.db
Dataset Pathname:	pass3
Dataset Creation:	Sat Dec 08 08:37:38 2018 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110785

SHOP CALIBRATION Fri Oct 26 07:37:47 2018

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.6800			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:	4.500	in
Calibration Depth:	1353.425	ft

Master Calibration, performed Sat Dec 08 08:30:36 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	1.503	1.500	81.196	53.306	1.096
CAL	0.008	0.616				
5'	0.007	1.389	1.500	81.196	57.669	1.074
SUM						
S1	0.007	1.438	0.000	81.196	56.743	-0.416
S2	0.008	1.456	0.000	81.196	56.057	-0.427
S3	0.007	1.565	0.000	81.196	52.144	-0.388
S4	0.008	1.621	0.000	81.196	50.312	-0.379
S5	0.007	1.581	0.000	81.196	51.607	-0.386
S6	0.007	1.521	0.000	81.196	53.650	-0.400
S7	0.008	1.473	0.000	81.196	55.417	-0.416

S8	0.007	1.452	0.000	81.196	56.217	-0.415

Internal Reference Calibration, performed Fri Jan 13 14:30:16 2012:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.008	0.616	1.000	0.000

Air Zero Calibration, performed Sat Dec 08 08:23:47 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