C&J ENERGY SERVICES

CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

Company	BAYSWATER
Well	G & D HANK X-27-28HN
Field	WATTENBERG
County	WELD
State	COLORADO

Company BAYSWATER
Well G & D HANK X-27-28HN
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-46030
SEC 27 TWP 7N RGE 66W

Other Services
NONE

				Elevation
Permanent Datum	GROUND LEVEL	Elevation	4876	K.B. 4901
Log Measured From	KELLY BUSHING			D.F. 4900
Drilling Measured From	KELLY BUSHING			G.L. 4876

Date	13-JUN-2018
Run Number	ONE
Depth Driller	18352
Depth Logger	7777
Bottom Logged Interval	7775
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	1430
Unit Number	92-0438
Tool Size / ID Number	2.75 RBT
Location	FT. LUPTON
Recorded By	JIM McKIE
Witnessed By	BRAD BIVINS

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.62	36#	SURFACE	1551
Prot. String				
Production String	5.5	20#	SURFACE	TOTAL DEPTH
Liner				

<<< Fold Here >>>

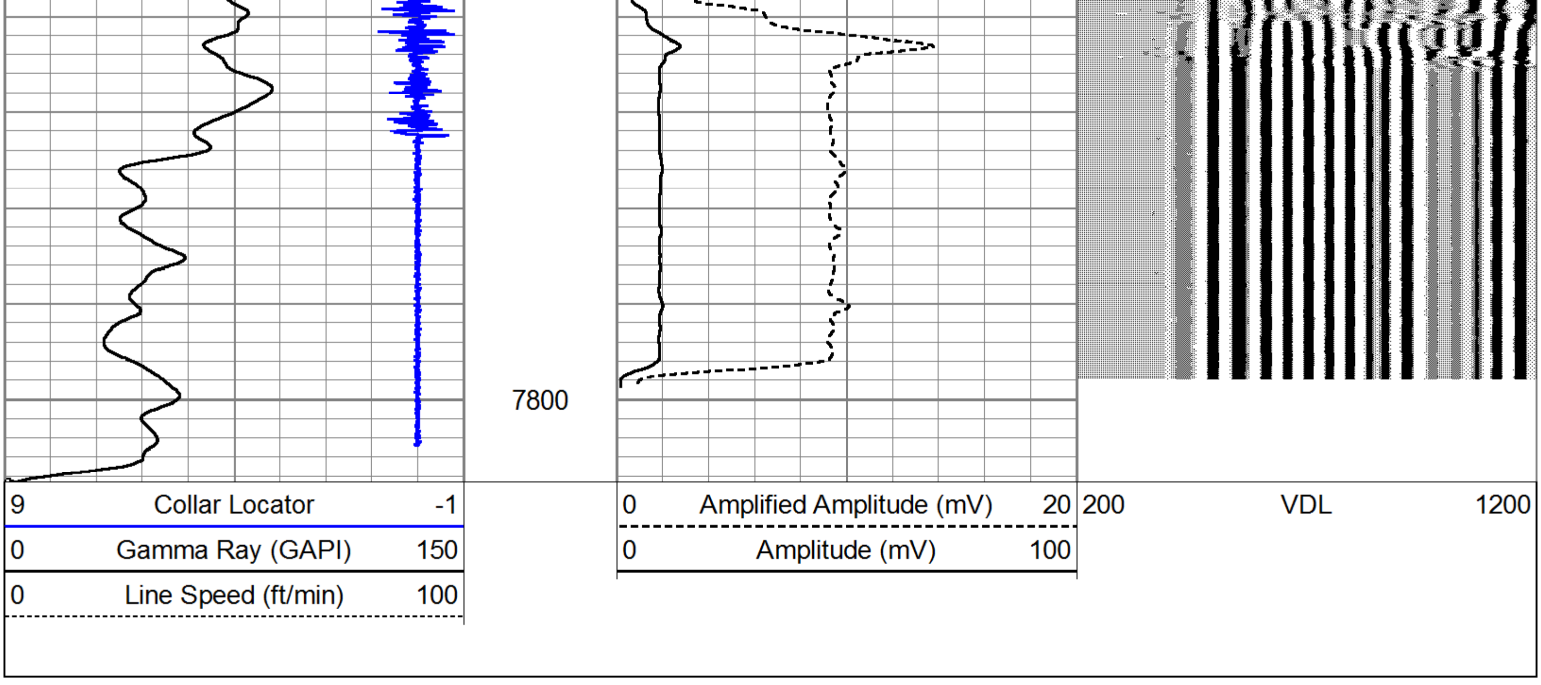
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Database File: bayswater g & d hanks x 27_28hn.db
Dataset Pathname: pass4
Presentation Format: scbl_dr
Dataset Creation: Wed Jun 13 14:40:09 2018 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
5000
5050
5100
5150
5200
5250
5300
5350
5400
5450
5500
5550
5600
5650
5700
5750
5800
5850
5900
5950
6000
6050
6100
6150
6200
6250
6300
6350
6400
6450
6500
6550
6600
6650
6700
6750
6800
6850
6900
6950
7000
7050
7100
7150
7200
7250
7300
7350
7400
7450
7500
7550
7600
7650
7700
7750



Calibration Report

Database File: bayswater g & d hanks x 27_28hn.db
Dataset Pathname: pass4
Dataset Creation: Wed Jun 13 14:40:09 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: 960.133 ft

Master Calibration, performed Wed Jun 13 14:12:47 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	1.581	0.900	71.921	44.932	0.900
CAL	0.000	1.550				
5'	0.000	1.538	0.900	71.921	46.170	0.900
SUM						
S1	0.000	1.545	0.000	81.196	52.544	0.000
S2	0.000	1.560	0.000	81.196	52.033	0.000
S3	0.000	1.561	0.000	81.196	52.018	0.000
S4	0.000	1.573	0.000	81.196	51.619	0.000
S5	0.000	1.573	0.000	81.196	51.605	0.000
S6	0.000	1.569	0.000	81.196	51.739	0.000
S7	0.000	1.550	0.000	81.196	52.376	0.000
S8	0.000	1.553	0.000	81.196	52.278	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	1.550	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