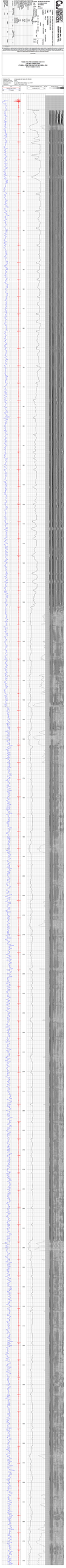

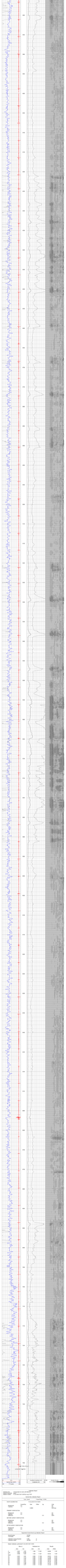

C&J ENERGY SERVICES

GAMMA RAY CCL CEMENT BOND VDL

Company	BAYSWATER EXPLORATION &
Well	KTC FARMS D-35-36HN
Field	WATTENBERG
County	WELD
State	COLORADO

Company BAYSWATER EXPLORATION & PRODUCTION LLC

Well KTC FARMS D-35-36HN

Field WATTENBERG

County WELD State COLORADO

Location: API #: 05-123-47090

NW/NW

SEC 35 TWP 7N RGE 66W

Other Services

Permanent Datum	GL	Elevation	4861
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4686
D.F.
G.L. 4861

Date	OCTOBER 26, 2018
Run Number	ONE
Depth Driller	
Depth Logger	7516
Bottom Logged Interval	7516
Top Log Interval	SURFACE
Open Hole Size	
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	269°F
Estimated Cement Top	
Time Well Ready	ROA
Time Logger on Bottom	7:30
Equipment Number	200099
Location	FORT LUPTON
Recorded By	GREG NOLAN
Witnessed By	BRAD BIVENS

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	5-1/2			
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

THANK YOU FOR CHOOSING CHS!!!!!!!!!
LOG NOT CORRELATED
4TH WELL FROM THE SOUTH OF AN 8 WELL PAD
N< O O O O X O O O >S

Database File:	cbl bayswater ktc farms d35-36hn.db
Dataset Pathname:	pass2
Presentation Format:	sec 3-5
Dataset Creation:	Fri Oct 26 07:42:13 2018 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

30	CCL	-3.3
0	Gamma Ray (GAPI)	200
340	TT3 (usec)	240

0	Amplified Amplitude (mV)	20
0	Amplitude (mV)	100

200	Variable Density	1200

Calibration Report

Database File:	cbl bayswater ktc farms d35-36hn.db
Dataset Pathname:	pass2
Dataset Creation:	Fri Oct 26 07:42:13 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:	5.500	in
Calibration Depth:	440.800	ft

Master Calibration, performed Fri Oct 26 07:28:17 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	1.507	1.500	71.921	46.964	1.167
CAL	0.007	0.439				
5'	0.008	1.252	1.500	71.921	56.632	1.039
SUM						
S1	0.007	1.561	0.000	71.196	45.815	-0.333
S2	0.007	1.514	0.000	71.196	47.249	-0.343
S3	0.007	1.454	0.000	71.196	49.208	-0.363
S4	0.007	1.421	0.000	71.196	50.373	-0.368
S5	0.007	1.457	0.000	71.196	49.122	-0.365
S6	0.007	1.518	0.000	71.196	47.141	-0.348
S7	0.007	1.599	0.000	71.196	44.733	-0.328
S8	0.007	1.611	0.000	71.196	44.408	-0.332

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	0.007	0.439	1.000	0.000

Air Zero Calibration, performed Fri Oct 26 07:23:38 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