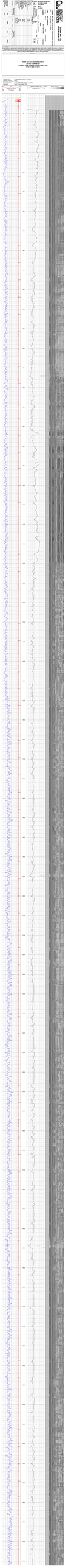

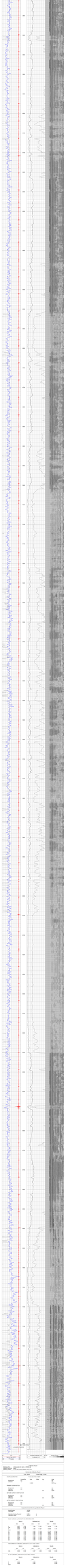

C&J ENERGY SERVICES

GAMMA RAY CCL
CEMENT BOND VDL

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

Company BAYSWATER EXPLORATION & PRODUCTION LLC
Well KTC FARMS C-35-36HN
Field WATTENBERG
County WELD **State** COLORADO

Location: API # : 05-123-47089
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. 4886
D.F.
G.L. 4861

Date	OCTOBER 26, 2018		
Run Number	ONE		
Depth Driller			
Depth Logger	7458		
Bottom Logged Interval	7458		
Top Log Interval	SURFACE		
Open Hole Size			
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	268°F		
Estimated Cement Top			
Time Well Ready	ROA		
Time Logger on Bottom	9:00		
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				

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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 CORRLATED
4TH WELL FROM THE NORTH OF AN 8 WELL PAD
N< O O O X O O O O >S

Database File: cbl bayswater ktc farms c-35-36hn.db
Dataset Pathname: pass2
Presentation Format: sec 3-5
Dataset Creation: Fri Oct 26 09:25:29 2018 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

Calibration Report

Database File: cbl bayswater ktc farms c-35-36hn.db
Dataset Pathname: pass2
Dataset Creation: Fri Oct 26 09:25:29 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: 250.817 ft

Master Calibration, performed Fri Oct 26 09:09:23 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	1.520	1.500	71.921	46.548	1.165
CAL	0.007	0.390				
5'	0.008	1.576	1.500	71.921	44.906	1.131
SUM						
S1	0.007	1.519	0.000	71.196	47.102	-0.340
S2	0.007	1.533	0.000	71.196	46.681	-0.346
S3	0.007	1.533	0.000	71.196	46.664	-0.347
S4	0.007	1.525	0.000	71.196	46.920	-0.349
S5	0.007	1.524	0.000	71.196	46.952	-0.350
S6	0.008	1.515	0.000	71.196	47.232	-0.355
S7	0.007	1.511	0.000	71.196	47.337	-0.348
S8	0.007	1.516	0.000	71.196	47.207	-0.354

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	0.390	1.000	0.000

Air Zero Calibration, performed Fri Oct 26 09:04:16 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