FTS INTERNATIONAL

CEMENT BOND GAMMA RAY COLLAR LOG

Company	Bayswater Exploration and Production LLC
Well	Hester Farms L-36HN
Field	Wattenburg
County	Weld
State	CO

Company Bayswater Exploration and Production LLC
Well Hester Farms L-36HN
Field Wattenburg
County Weld State CO

Location: API # : 05-123-42004
1754' F.N.L.
202' F.W.L
SEC 31 TWP 7N RGE 66W

Other Services
NONE

Permanent Datum Elevation
Log Measured From K.B. 23' A.G.L
Drilling Measured From K.B.

Elevation
K.B. 4936'
D.F.
G.L. 4913'

Date	2/1/2016		
Run Number	1		
Depth Driller	11982'		
Depth Logger	7393'		
Bottom Logged Interval	7393'		
Top Log Interval	0'		
Open Hole Size	7 7/8"		
Type Fluid	Water		
Density / Viscosity	---		
Max. Recorded Temp.	---		
Estimated Cement Top	---		
Time Well Ready	ROA		
Time Logger on Bottom	1030		
Equipment Number	2405		
Location	Brighton		
Recorded By	C. Sisneros		
Witnessed By	Nate Moore		

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"		0	11982'
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

Log Not Correlated

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Main Pass

Database File: hesterfarmsl36hn.db
Dataset Pathname: pass2.1
Presentation Format: scbl_dr
Dataset Creation: Tue Feb 02 20:42:16 2016 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

9	Collar Locator	-1
0	Gamma Ray (GAPI)	250
0	Line Speed (ft/min)	100

0	Amplitude (mV)	100
200	VDL	1200

Calibration Report

Database File: hesterfarmsl36hn.db
Dataset Pathname: pass1
Dataset Creation: Tue Feb 02 13:51:24 2016 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / pr051112

SHOP CALIBRATION Mon Feb 01 13:15:14 2016

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.0000			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: 4.5040904
Tool Model: Probe

Calibration Casing Diameter: 4.500 in
Calibration Depth: 7001.025 ft

Master Calibration, performed Mon Feb 01 14:18:40 2016:

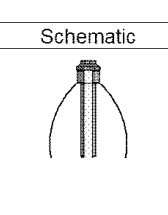
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.003	1.280	1.000	71.921	55.293	1.147
CAL	0.000	2.060				
5'	0.000	1.807	1.000	71.921	39.248	1.000
SUM						
S1	0.000	2.499	0.000	71.000	28.414	0.000
S2	0.000	2.499	0.000	71.000	28.414	0.000
S3	0.000	2.499	0.000	71.000	28.414	0.000
S4	0.000	2.499	0.000	71.000	28.414	0.000
S5	0.000	2.499	0.000	71.000	28.414	0.000
S6	0.000	2.499	0.000	71.000	28.414	0.000
S7	0.000	2.499	0.000	71.000	28.414	0.000
S8	0.000	2.499	0.000	71.000	28.414	0.000

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

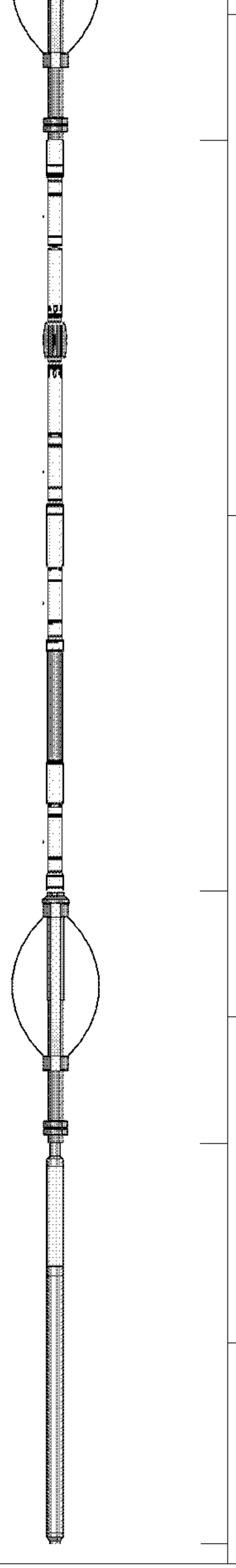
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	2.060	1.000	0.000

Air Zero Calibration, performed Fri Feb 13 07:12:51 2015:

	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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
						

WVF3FT	12.08
WVFCAL	12.08
WVFS1	12.08
WVFS2	12.08
WVFS3	12.08
WVFS4	12.08
WVFS5	12.08
WVFS6	12.08
WVFS7	12.08
WVFS8	12.08
WVF5FT	11.00
CCL	3.92
GR	2.54



CENT-Probe (Probe1) PROBE 2.75 CENT	3.00	2.75	25.00
RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
CENT-Probe (Probe2) PROBE 2.75 CENT	3.00	2.75	25.00
GR-Probe275dig (pr051112) Probe Digital Gamma CCL	4.75	2.75	57.00

Dataset:	hesterfarmsl36hn.db: field/well/run1/pass1
Total Length:	19.67 ft
Total Weight:	197.00 lb
O.D.	2.75 in