FTS INTERNATIONAL

CEMENT BOND GAMMA RAY COLLAR LOG

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

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Well Hester Farms G-36HN
Field Wattenburg
County Weld State CO

Location: API #: 05-123-41996
1679' F.N.L
202' F.W.L
SEC 31 TWP 7N RGE 66W

Other Services
NONE

			Elevation
Permanent Datum		Elevation	K.B. 4937'
Log Measured From	K.B. 23' A.G.L		D.F.
Drilling Measured From	K.B.		G.L. 4914'

Date	2/1/2016
Run Number	1
Depth Driller	12044
Depth Logger	7530'
Bottom Logged Interval	7530'
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

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	12044'
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: hesterfarmg36hn.db
Dataset Pathname: pass2.1
Presentation Format: scbl_dr
Dataset Creation: Tue Feb 02 12:25:59 2016 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1		0 Amplitude (mV) 100	200 VDL 1200
0 Gamma Ray (GAPI) 250			
0 Line Speed (ft/min) 100			

Calibration Report

Database File: hesterfarmg36hn.db
Dataset Pathname: pass1
Dataset Creation: Mon Feb 01 16:15:17 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	0.860	1.000	62.165	70.904	1.188
CAL	0.000	2.060				
5'	0.000	1.807	1.000	62.165	33.849	1.000
SUM						

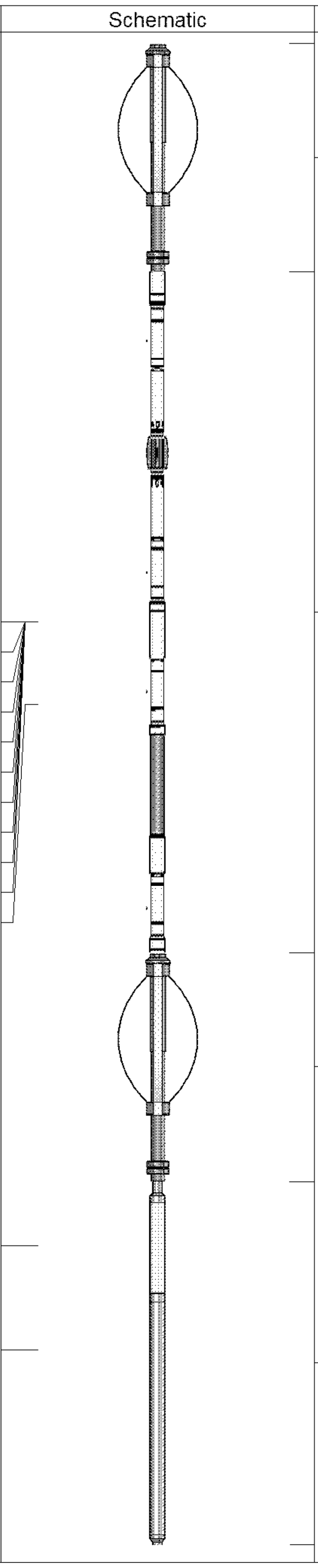
S1	0.000	2.499	0.000	71.000	28.414	0.000
S2	0.000	2.499	0.000	71.000	28.414	0.000
S3	0.000	2.499	0.000	71.000	28.414	0.000
S4	0.000	2.499	0.000	71.000	28.414	0.000
S5	0.000	2.499	0.000	71.000	28.414	0.000
S6	0.000	2.499	0.000	71.000	28.414	0.000
S7	0.000	2.499	0.000	71.000	28.414	0.000
S8	0.000	2.499	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)
			CENT-Probe (Probe1) PROBE 2.75 CENT	3.00	2.75	25.00
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 12.08 11.00		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
CCL GR	3.92 2.54		GR-Probe275dig (pr051112) Probe Digital Gamma CCL	4.75	2.75	57.00

Dataset: hesterfarmg36hn.db: field/well/run1/pass1
Total Length: 19.67 ft
Total Weight: 197.00 lb
O.D. 2.75 in