P#1335

HALLIBURTON

ACOUSTIC CEMENT RADIAL BOND LOG

Company CENTURY OIL COMPANY, INC.
Well HUGH STARNES 30-2
Field CORKSCREW
County COLLIER State FL

Company **CENTURY OIL COMPANY, INC.**
Well **HUGH STARNES 30-2**
Field **CORKSCREW**
County **COLLIER** State **FL**

API No.: 09-021-202070000 Serv #:
Location: 1416' FNL AND 1491' FWL
LAT: 26.44N / LON: 81.56W

Other Services
NA

Sec: 30 Twp: 46S Rge: 28E

Permanent Datum	GL	Elevation	21.8		Elevation
Log Measured From	RKB	20.8 Ft. above perm. datum		K.B.	42.7
				D.F.	41.3
Drilling Measured From	RKB			G.L.	21.8

Date @ Time Logged	3/11/12 @ 17:30	Type Fluid in Hole	FW
Run No.	ONE	Density of Fluid	8.33
Depth - Driller	11896	Fluid Level	1235
Depth - Logger	11888	Cement Top Est. Logged	10456
Bottom - Logged Interval	11883	Equipment / Location	5674 / LAUREL,MS
Top - Log Interval	10250	Recorded by	M. WALLEY
Max. Recorded Temp.	202 DEGF	Witnessed by	E. POLLISTER

CEMENTING DATA	Surface String	Protection String	Production String	Liner
Date / Time Cemented				
Primary / Squeeze				
Expected Compressive Strength	psi@ hrs			
Cement Volume				
Cement Type / Weight	/			
Formulation				
Mud Type / Mud Wgt.	/			

Permit #1335
Century Oil Co.- #30-2 Hugh Starnes
F.D.E.P.- Bureau of Mining & Minerals Regulation
Ft. Myers Oil & Gas Field Office
Rec'd. Mar. 12, 2012 at 8:30 AM

Borehole Record				Casing & Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
NA	NA	SURFACE	4002	9.625	NA	SURFACE	4000
NA	8.5	4002	11926	5.5	17	SURFACE	11926

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HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHCIH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

Comments

LOG DEPTHS CORRELATED TO HES QUAD COMBO RUN TWO DATED 2/21/12.
NO CEMENTING INFO AVAIALBLE.
PASSES MADE WITH ZERO PRESSURE
CEMENT TOP 140456

HES SERVICE CREW: FOSTER / SHANKS.
THANK YOU FOR CHOOSING HALLIBURTON. 601-649-9290

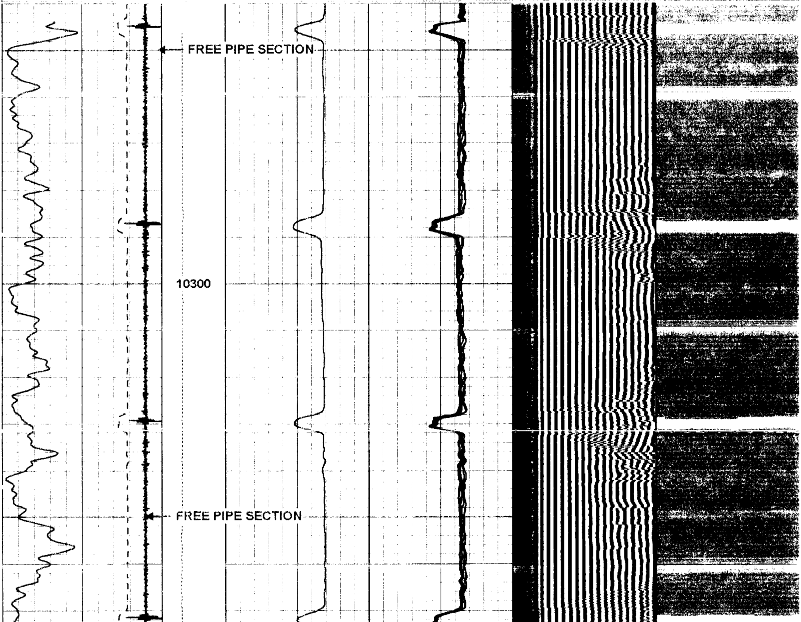
HALLIBURTON

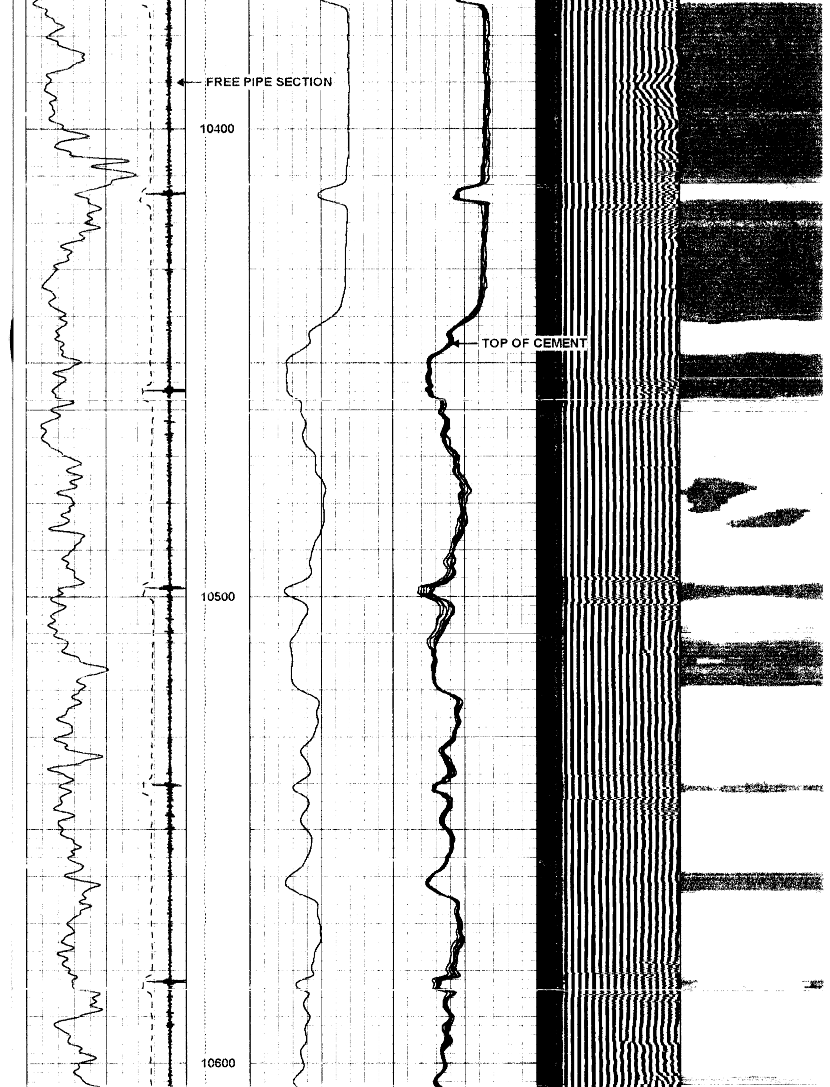
MAIN LOG SECTION

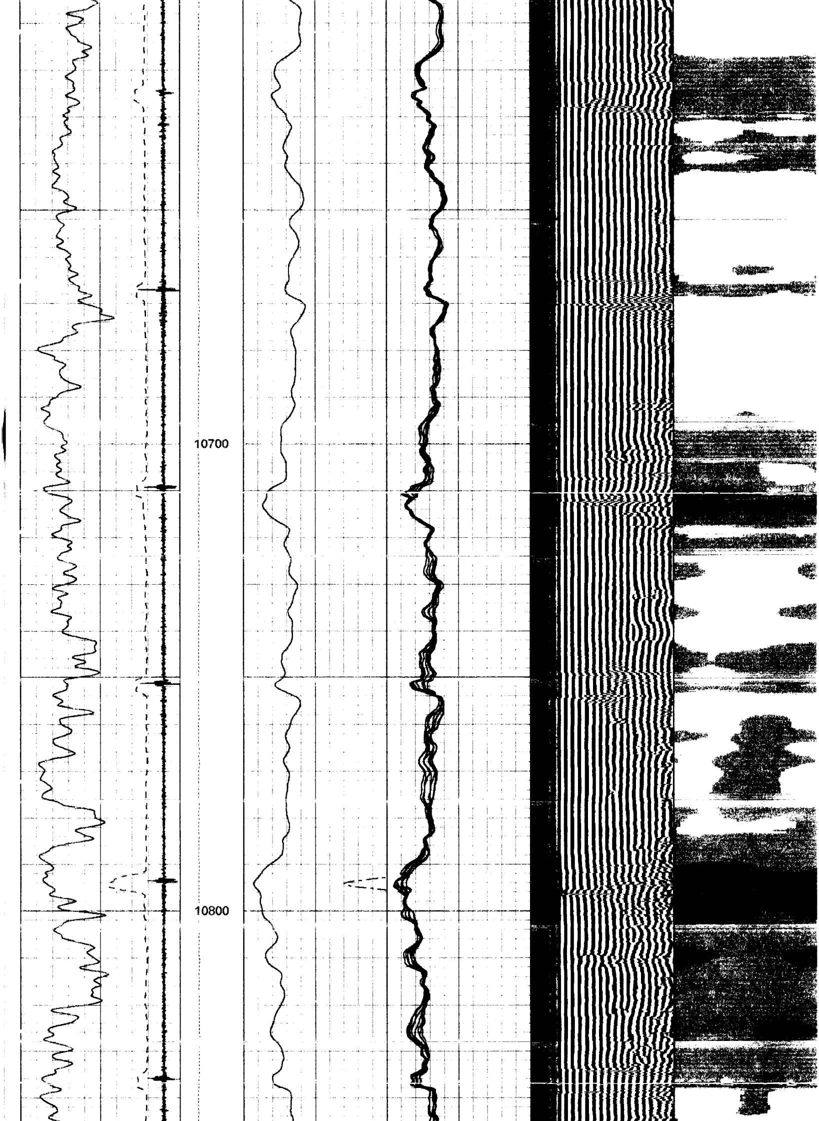
5"=100'
LOGGED WITH ZERO PRESSURE

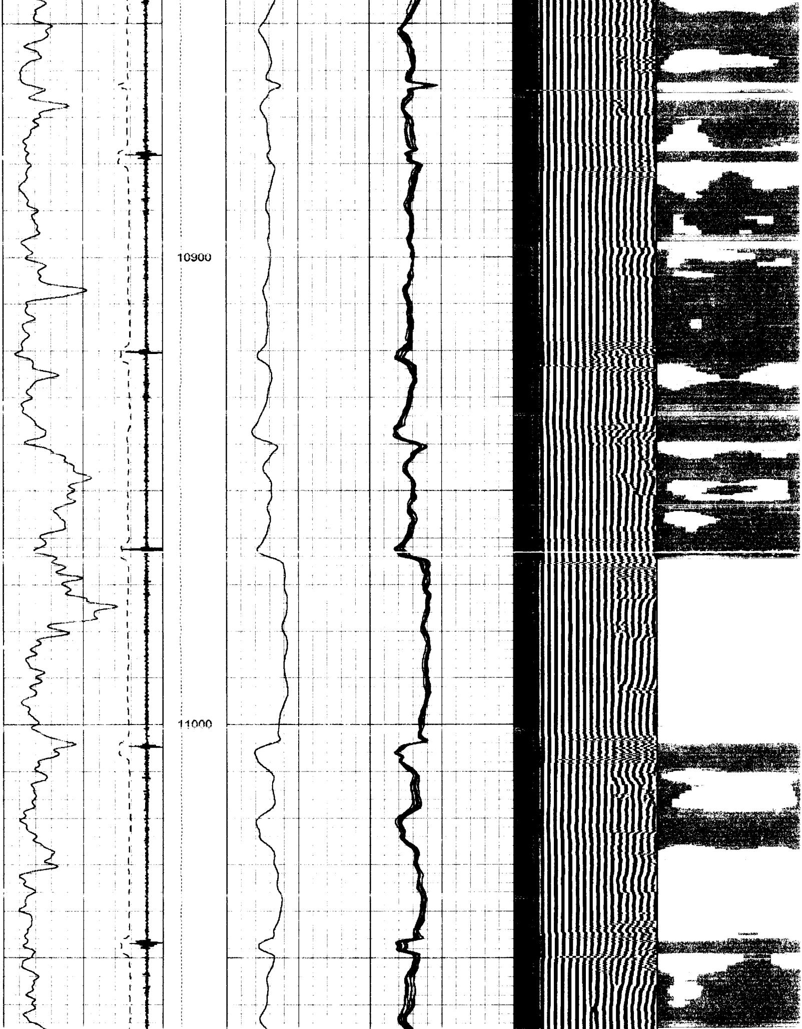
Database File:	century_pollister_starnes_30_2.db
Dataset Pathname:	Corkscrew/Hugh_star/run1/merge1
Presentation Format:	rcbl_clr
Dataset Creation:	Sun Mar 11 15:15:22 2012
Charted by:	Depth in Feet scaled 1:240

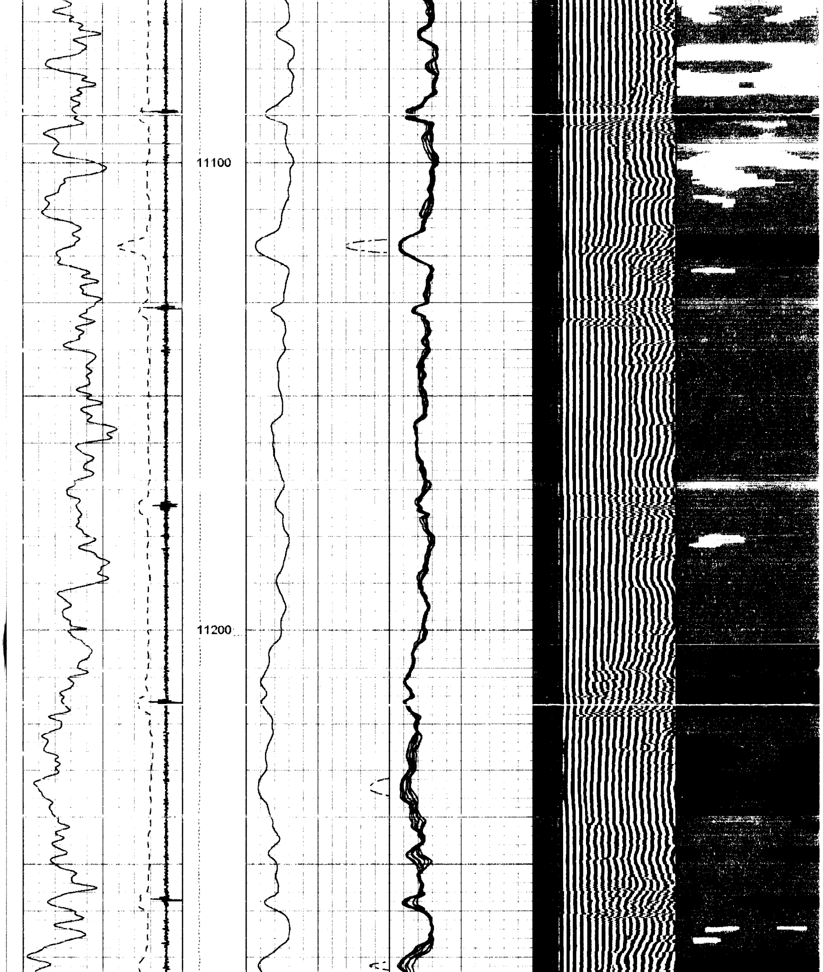
350 TT (usec) 250	LTEN	0 AMP (mV) 100	-5 AMPS1 150	200 MSG 1200	1 CEMENT MAP 8
0 GR (GAPI) 100	(lb)	0 AMPx10 (mV) 10	-5 AMPS2 150		10 90
CCL	5000 0		-5 AMPS3 150		
			-5 AMPS4 150		
			-5 AMPS5 150		
			-5 AMPS6 150		
			-5 AMPS7 150		
			-5 AMPS8 150		

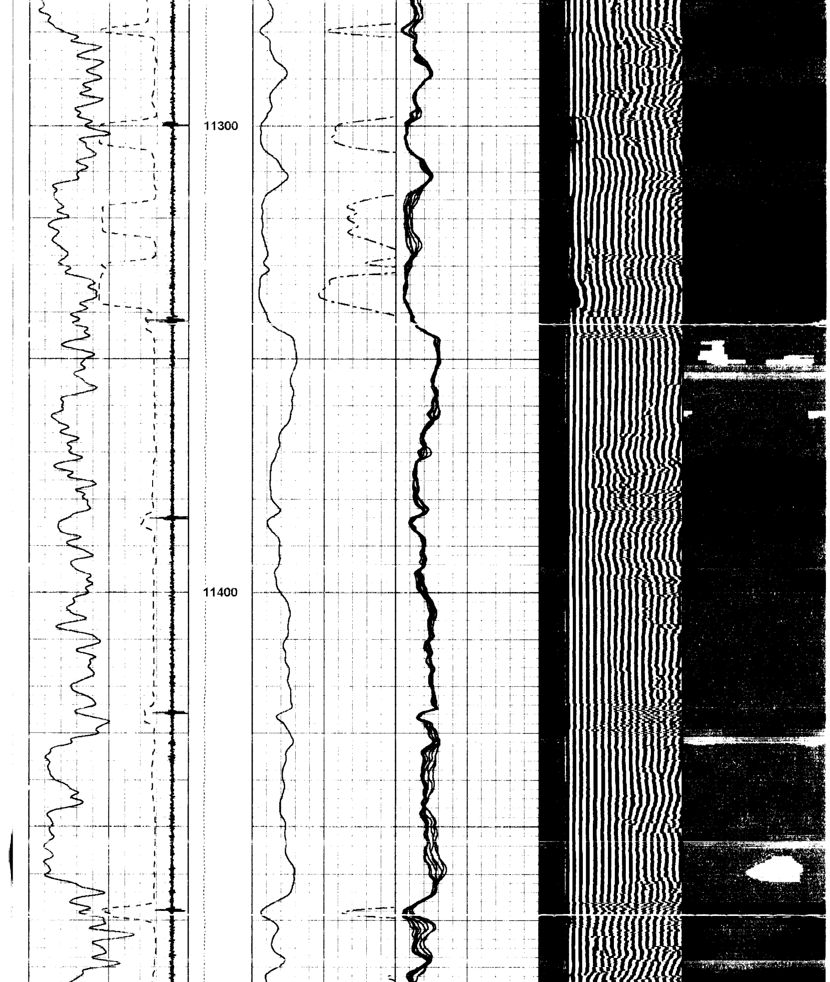


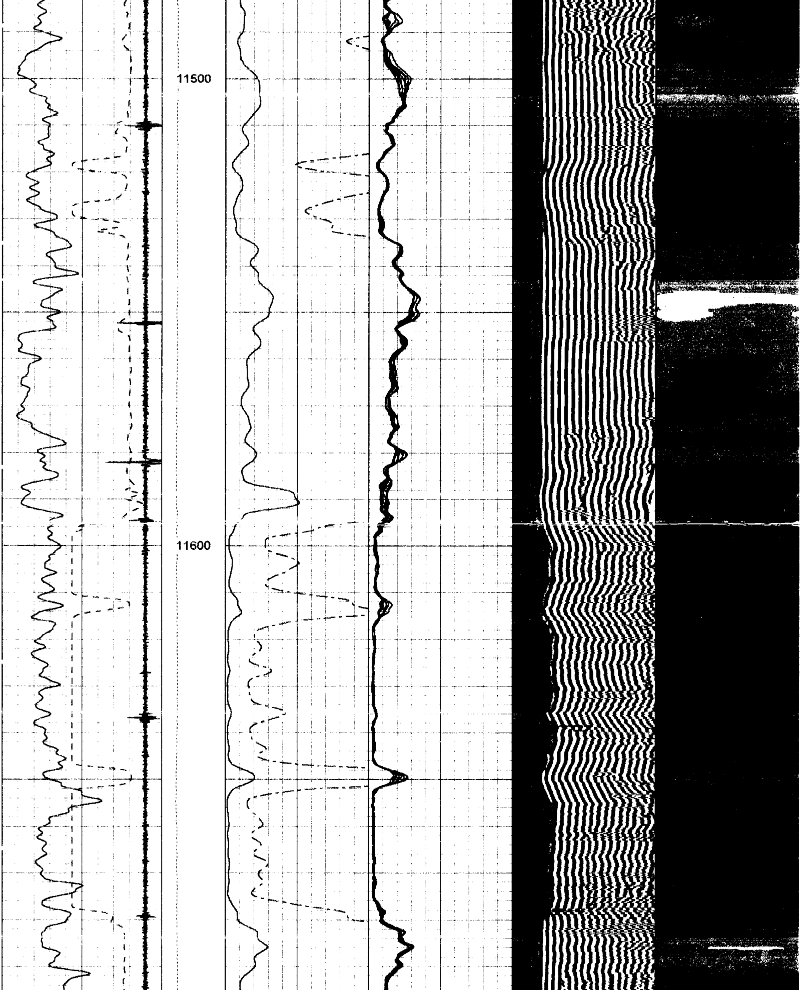


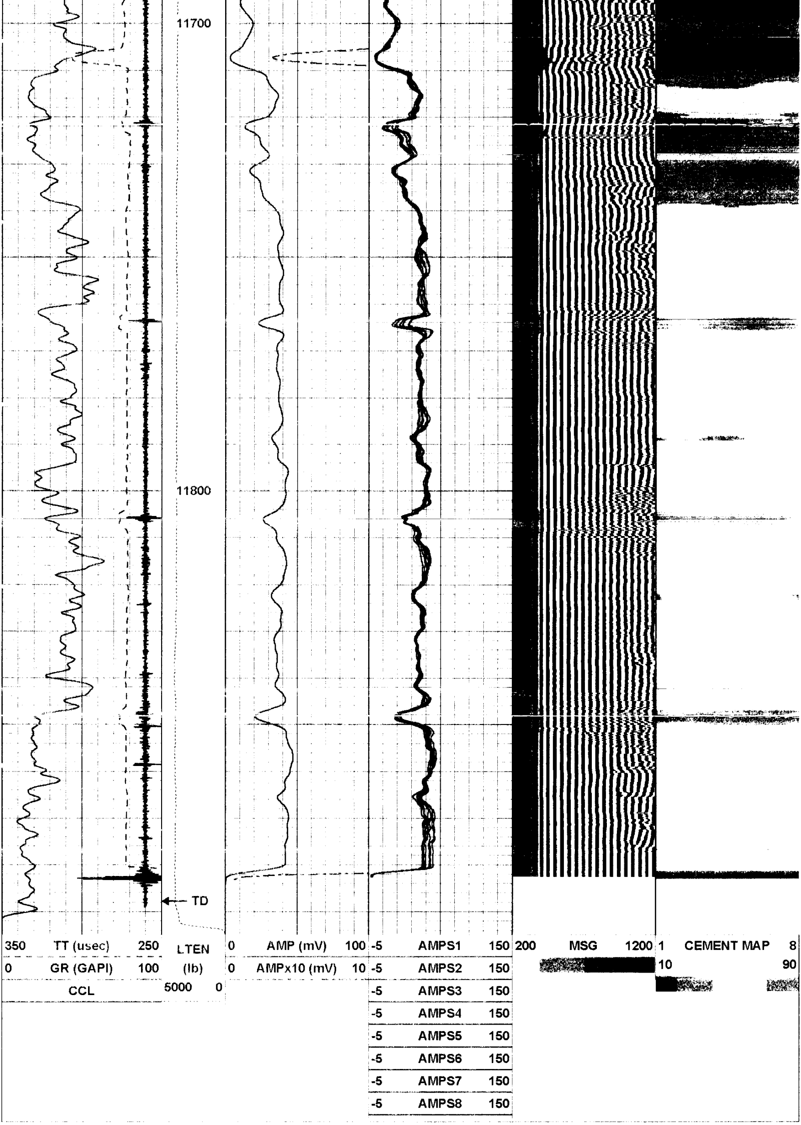












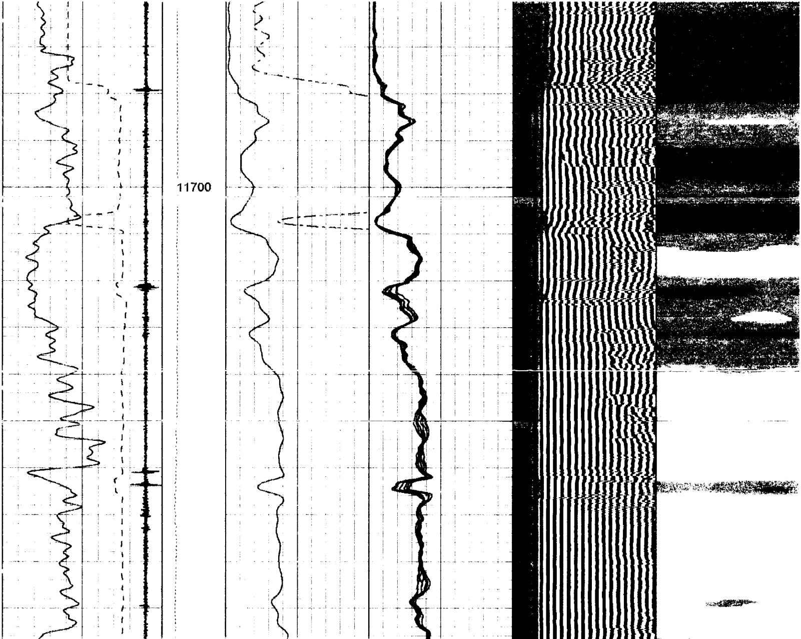
HALLIBURTON

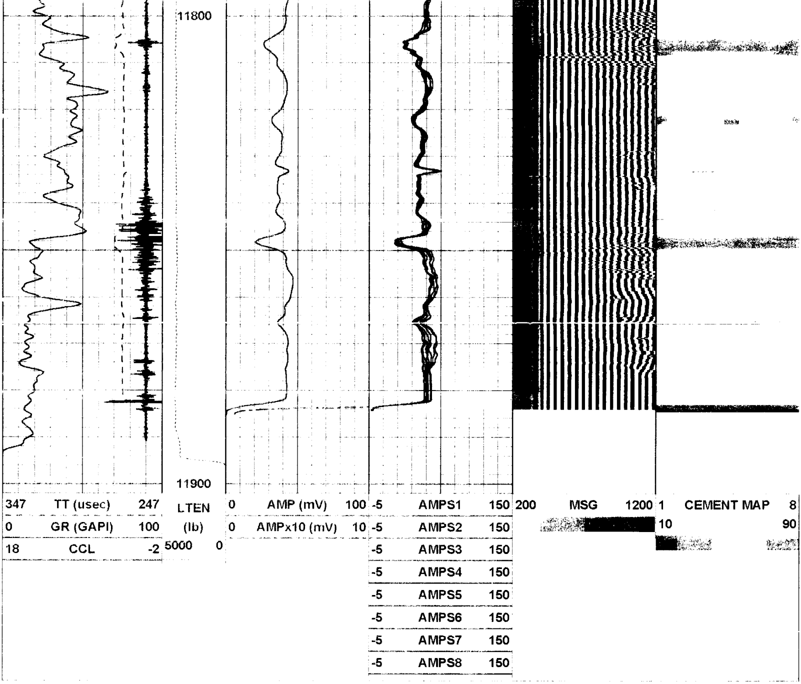
REPEAT SECTION

LOGGED WITH ZERO PRESSURE

Database File:	century_pollister_starnes_30_2.db
Dataset Pathname:	Corkscrew/Hugh_star/run1/pass3
Presentation Format:	rcbl_clr
Dataset Creation:	Sun Mar 11 14:18:59 2012 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240

347	TT (usec)	247
0	GR (GAPI)	100
18	CCL	-2
5000	LTEN (lb)	0
0	AMP (mV)	100
0	AMPx10 (mV)	10
-5	AMPS1	150
-5	AMPS2	150
-5	AMPS3	150
-5	AMPS4	150
-5	AMPS5	150
-5	AMPS6	150
-5	AMPS7	150
-5	AMPS8	150
200	MSG	1200
1	CEMENT MAP	8
10		90





Calibration Report

Database File	century_pointer_staines_30_2.db
Dataset Pathname	Corkscrew/Hugh_star/run1/pass5
Dataset Creation	Sun Mar 11 14:48:39 2012 by Log Halliburton Casedho

Gamma Ray Calibration Report

Type / Serial Probe275dig / pr070702

	Counts/Sec	Gain	Offset	Jig	Units
SHOP CALIBRATION	Sun Mar 11 13:15:07 2012				
Background	32.2				cps
Calibrator	199.4				cps
		1.3455			GAPI/cps
PRIMARY VERIFICATION	Sun Mar 11 13:18:49 2012				
Background	43.1				cps
Calibrator	265.5				cps
Difference				222.4	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	5.500	in
Calibration Depth	2010.000	ft

Master Calibration, performed Sun Mar 11 13:38:41 2012

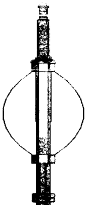
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	1.945	1.000	71.921	36.649	0.623
CAL	-0.004	1.846				
5'	0.007	1.648	1.000	71.921	43.228	0.680
SUM						
S1	0.047	2.043	0.000	100.000	50.103	-2.362
S2	0.020	1.938	0.000	100.000	52.157	-1.065
S3	0.015	1.785	0.000	100.000	56.507	-0.873
S4	0.013	1.687	0.000	100.000	59.734	-0.777
S5	0.014	1.735	0.000	100.000	58.097	-0.811
S6	0.012	1.911	0.000	100.000	52.681	-0.652
S7	0.013	2.030	0.000	100.000	49.578	-0.632
S8	0.011	2.093	0.000	100.000	48.038	-0.551

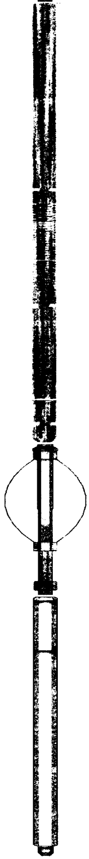
Internal Reference Calibration, performed Sun Mar 11 13:09:38 2012:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.004	1.846	1.000	0.000

Air Zero Calibration, performed Thu Jul 22 09:37:07 2010:

	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)
			STD-Standard (0000)	1.02	1.45	5.00
			Probe_275 Probe 2 3/4 Centralizer	2.88	2.75	20.00



WVF3FT	11.98	RBT-Probe (4.5040994) Probe Radii Bond Tool with Digital Telemetry	6.33	2.75	30.00
WVFCAL	11.98				
WVFS1	11.98				
WVFS2	11.98				
WVFS3	11.98				
WVFS4	11.98				
WVFS5	11.98				
WVFS6	11.98				
WVFS7	11.98				
WVFS8	11.98				
WVF5FT	10.98				
		Probe_275 Probe 2 3/4 Centralizer	2.88	2.75	20.00
CCL	4.17				
GR	2.71	GR-Probe275dig (pr070702) Probe Digital Gamma CCL	4.75	2.75	57.00
LLMTEN	0.00	BULLPLUG	0.17	1.69	10.00

Dataset century_pollister_starnes_30_2.db: Corkscrew/Hugh_star/run1/pass5
Total Length 20.02 ft
Total Weight: 202.00 lb
O.D. 2.75 in

Log Variables

Database:C:\Warrior\Data\century_pollister_starnes_30_2.db
Dataset: Corkscrew/Hugh_star/run1/pass5

Top - Bottom

PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	CASEOD in	PERFS	TDEPTH ft
0	17	0	1	0.8	5.5	0	11926

BOTTEMP degF	BOREID in
199	7.875

Company	CENTURY OIL COMPANY, INC.		
Well	HUGH STARNES 30-2		
Field	CORKSCREW		
County	COLLIER	State	FL

ACOUSTIC CEMENT
RADIAL BOND
LOG