Company	Chevron Canada Limited
Well	Hibernia P-99
Field	Hibernia
Province	Offshore Newfoundland
Country	Canada
Date	2-Jan-2000
Time	14:00
Depth Reference	Rotary Table
Elevation	0.0 m
Log Measured From	Rotary Table
Permanent Datum	Mean Sea Level
Drilling Measured From	Rotary Table
Log Run No.	1
Bit Size	311.1 mm
Casing Driller	1000.0 m
Casing Logger	1000.0 m
Bottom Log Interval	1000.0 m
Top Log Interval	1000.0 m
Max Temp	20.0 °C
Max Deviation	0.0 °
Fluid Type	Seawater
Density	1.0 g/cm³
Viscosity	1.0 cP
Fluid Level	0.0 m
Max Rec Time	0 hrs
Recorded By	Schlumberger
Witnessed By	Chevron

Schlumberger

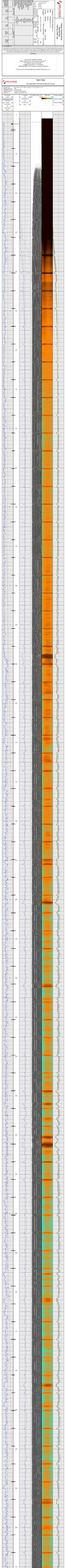
Schlumberger Canada Limited
Offshore Services
Hibernia Offshore Platform
Hibernia Field, Offshore Newfoundland
Tel: (709) 570-2000 Fax: (709) 570-2001
Operations Manager: Ken Ryan
Tel: (709) 570-2000 Fax: (709) 570-2001
Field Engineer: Ed Ryan
Tel: (709) 570-2000 Fax: (709) 570-2001
Data Processing Manager: Dhiraj Bhatia
Tel: (709) 570-2000 Fax: (709) 570-2001
Data Processing Operator: Dhiraj Bhatia, Lu Li

Main Pass

Recorded Mode: 2-Phase Differential Temperature

Company:	Chevron Canada Limited
Well:	Hibernia P-99
Field:	Hibernia
Province:	Offshore Newfoundland
Country:	Canada
Other Services:	Pressure, Temperature, Spinner, Gamma Ray, Casing Collar Locator

Log Interval:	1000.0 m - 0.0 m	Log Scale:	1:200
Log Type:	Main Pass	Log Direction:	Up
Log Run No.	1	Log Run Date:	2-Jan-2000
Logging Speed:	18.0 m/min	Tool Type:	Production Logging Tool
Tool Length:	15.0 m	Tool Diameter:	0.0 m
Tool Weight:	0.0 kg	Tool Serial No.	0
Tool Position:	Centralized	Tool Orientation:	Vertical



Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
Line Speed: -150 (ft/min) 150	0 (mV) 20			0 150
Line Tension: 0 (lb) 2000	3' Travel Time: 300 (usec) 200			Maximum Amplitude: 0 150
Temperature: 0 (degF) 20				

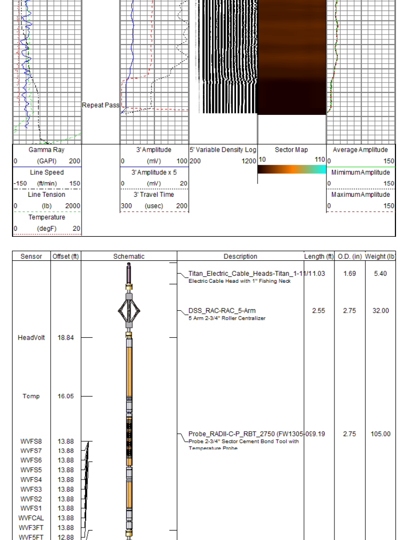
Repeat Pass

RELIANCE OILFIELD SERVICES

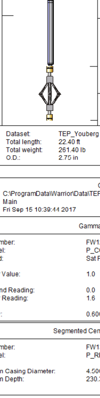
Recorded With 0 PSI Surface Induced Pressure

Database File	tep_youberg sr 12-12\tep_youberg sr 12-12_rbl_09-15-17.db
Dataset Pathname	Repeat
Presentation Format	ros_rbt004_tep
Dataset Creation	Fri Sep 15 10:35:30 2017
Charted by	Depth in Feet scaled 1:240

Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200	0 (mV) 100	200 1200	10 110	0 150
Line Speed: -150 (ft/min) 150	3' Amplitude x 5: 0 (mV) 20			Mimimum Amplitude: 0 150
Line Tension: 0 (lb) 2000	3' Travel Time: 300 (usec) 200			Maximum Amplitude: 0 150
Temperature: 0 (degF) 20				



Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200	0 (mV) 100	200 1200	10 110	0 150
Line Speed: -150 (ft/min) 150	3' Amplitude x 5: 0 (mV) 20			Mimimum Amplitude: 0 150
Line Tension: 0 (lb) 2000	3' Travel Time: 300 (usec) 200			Maximum Amplitude: 0 150
Temperature: 0 (degF) 20				



Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb)
		Titan_Electric_Cable_Heads-Titan_1-1/1 — Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
		DSS_RAC-RAC_5-Arm — 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
HeadVolt	18.84				
Temp	16.05				
WVFS8	13.88	Probe_RADII-C-P_RBT_2750 (FW1305-0 — Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.19	2.75	105.00
WVFS7	13.88				
WVFS6	13.88				
WVFS5	13.88				
WVFS4	13.88				
WVFS3	13.88				
WVFS2	13.88				
WVFS1	13.88				
WVFCAL	13.88				
WVF3FT	13.88				
WVF5FT	12.88				
HEADVOLT	9.63	DSS_RAC-RAC_5-Arm — 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
DCCL	6.18				
CCL	6.18				
GR	4.96	Probe_GR_CCL-P_CGR_2750_S (FW1214.5 — Probe 2-3/4" Digital CCL / Gamma Ray Combined	41)	2.75	55.00
		DSS_RAC-RAC_5-Arm — 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00

Dataset:	TEP_Youberg SR 12-12_RBL_09-15-17.db: field/well/run1/Main
Total length:	22.40 ft
Total weight:	261.40 lb
O.D.:	2.75 in

Calibration Report

Database File	C:\ProgramData\Warrior\Data\TEP_Youberg SR 12-12\TEP_Youberg SR 12-12_RBL_09-15-17.db
Dataset Pathname	Main
Dataset Creation	Fri Sep 15 10:39:44 2017

Gamma Ray Calibration Report

Serial Number:	FW1211-081	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:31:52 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6061	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1305-098	
Tool Model:	P_RBT_2750	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	230.397	ft

Master Calibration, performed Tue Sep 12 14:18:15 2017:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	0.674	0.800	81.196	118.290	1.435
CAL	-0.006	0.755				
5'	-0.003	0.501	0.800	81.196	159.611	1.244
SUM						
S1	-0.008	0.675	0.000	100.000	146.333	1.234
S2	-0.005	0.684	0.000	100.000	145.012	0.782
S3	-0.006	0.691	0.000	100.000	143.571	0.822
S4	-0.006	0.701	0.000	100.000	141.520	0.788
S5	-0.005	0.700	0.000	100.000	141.747	0.753
S6	-0.005	0.681	0.000	100.000	145.667	0.798
S7	-0.005	0.665	0.000	100.000	149.130	0.790
S8	-0.005	0.655	0.000	100.000	151.356	0.802

Internal Reference Calibration, performed Fri May 05 10:29:14 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.006	0.755	1.000	0.000

Air Zero Calibration, performed Tue Sep 12 14:14:19 2017:

	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

RELIANCE OILFIELD SERVICES

Company	TEP Rocky Mountain LLC
Well	Youberg SR 12-12
Field	Rulison
County	Garfield
State	Colorado