Company	Petro-Canada Oil and Gas
Well	Hibernia P-99
Field	Hibernia
Province	Offshore Newfoundland
Country	Canada
Date	2-Jan-2000
Time	14:00
Depth Reference	Rotary Table
Elevation	0.00 m
Log Interval	0.00 m - 1.00 m
Log Speed	1.00 m/min
Tool Type	Gamma Ray
Tool Serial Number	1
Tool Length	0.00 m
Tool Diameter	0.00 m
Tool Weight	0.00 kg
Tool Position	Centered
Log Direction	Up
Log Quality	Good
Comments	

Petro-Canada Oil and Gas
Hibernia P-99
Hibernia
Offshore Newfoundland
Canada

Log Quality Key
Good
Fair
Poor
Bad

Log Interpretation
Lithology
Porosity
Fluid Type
Fractures
Other

Comments

Log is corrected to 0.0 m
Water Depth 80.0 m, Kelly Bushing 25.0 m
Log depth is Rotary Table
Tools run drilling Pipe Stress Sonde

TWG
Total Well Geology

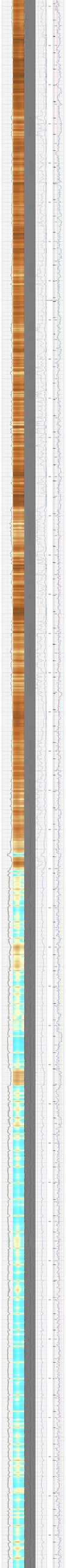
Well Plot 2" = 10'

Petro-Canada Oil and Gas
Hibernia P-99
Hibernia
Offshore Newfoundland
Canada

Gamma Ray
Caliper
Density
Neutron
Resistivity
Sonic
Other

Gamma Ray
Caliper
Density
Neutron
Resistivity
Sonic
Other

Total Well Geology



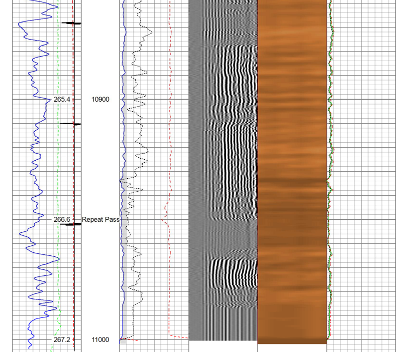
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 150	0 (mV) 100	200 (usec) 1200		0 120
Line Tension	3' Amplitude x 5			Mimimum Amplitude
0 (lb) 4000	0 (mV) 20			0 120
-9 CCL$1 1	3' Travel Time			Maximum Amplitude
0 Temp (degF) 300	650 (usec) 150			0 120

TWG THE WIRELINE GROUP

Repeat Pass 5" = 100'

Database File	tep honea 19-05\tep_fed_wmc_433-19-793_rcbl\tep_fed_wmc_433-19-793_rcbl.db
Dataset Pathname	repeat
Presentation Format	twgrcbl
Dataset Creation	Thu May 25 17:19:01 2023
Charted by	Depth in Feet scaled 1:240

Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 150	0 (mV) 100	200 (usec) 1200		0 120
Line Tension	3' Amplitude x 5			Mimimum Amplitude
0 (lb) 4000	0 (mV) 20			0 120
-9 CCL$1 1	3' Travel Time			Maximum Amplitude
0 Temp (degF) 300	650 (usec) 150			0 120



Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 150	0 (mV) 100	200 (usec) 1200		0 120
Line Tension	3' Amplitude x 5			Mimimum Amplitude
0 (lb) 4000	0 (mV) 20			0 120
-9 CCL$1 1	3' Travel Time			Maximum Amplitude
0 Temp (degF) 300	650 (usec) 150			0 120

Calibration Report

Database File	C:\ProgramData\Warrior\Data\TEP Honea 19-05\tep_fed_wmc_433-19-793_rcbl\tep_fed_wmc_433-19-793_
Dataset Pathname	main
Dataset Creation	Thu May 25 17:22:34 2023

Gamma Ray Calibration Report

Serial Number:	FW0701-23	
Tool Model:	50-GCT275-0000	
Performed:	Wed May 10 11:37:22 2023	
Calibrator Value:	114.4	GAPI
Background Reading:	76.5	cps
Calibrator Reading:	250.4	cps
Sensitivity:	0.6578	GAPI/cps

Inclinometer Calibration Report

Performed: Thu Jan 26 15:39:59 2023

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-918.00	902.00	-1.00	1.00	gee
Y Accelerometer	-912.00	896.00	-1.00	1.00	gee
Z Accelerometer	-0.33	-897.20	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1906-032	
Tool Model:	Probe275acc	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	1058.350	ft

Master Calibration, performed Wed May 24 16:44:10 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.943	0.150	81.196	86.509	-0.340
CAL	0.008	0.798				
5'	0.007	0.699	0.150	81.196	117.068	-0.677
SUM						
S1	0.008	1.045	0.000	100.000	96.350	-0.723
S2	0.007	1.126	0.000	100.000	89.381	-0.650
S3	0.007	1.028	0.000	100.000	97.932	-0.656
S4	0.006	0.896	0.000	100.000	112.429	-0.718
S5	0.006	0.921	0.000	100.000	109.321	-0.705
S6	0.008	0.928	0.000	100.000	108.675	-0.845
S7	0.007	0.981	0.000	100.000	102.658	-0.713
S8	0.006	1.008	0.000	100.000	99.826	-0.590

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.008	0.798	1.000	0.000

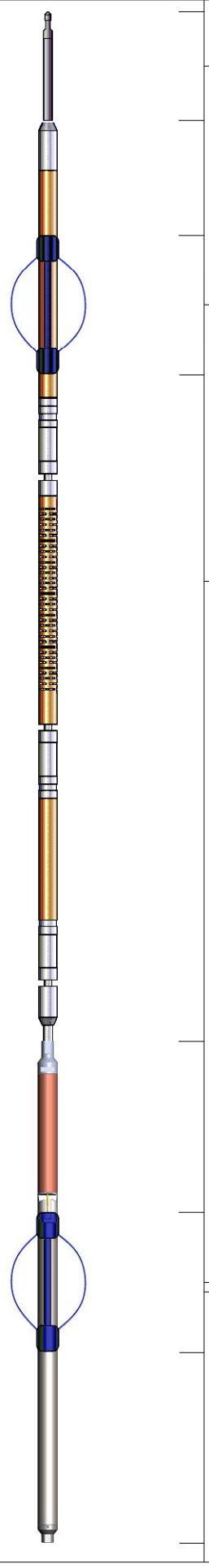
Air Zero Calibration, performed Wed May 24 16:32:50 2023:

	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

Inclinometer Calibration Report

Performed: (Not Performed)

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
GCT_FMWR	14.56		Titan CHD-1375 MOD Titan Modified 1-3/8" Assembled Electric Cable Head with 1" Fishing Neck	1.04	1.38	1.00
mSec_Count	14.56					
RBT_Status	14.56					
Error_Ct	14.56					
			SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
			RBT8acc-Probe275acc (FW1906-032) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS8	9.02					
WVFS7	9.02					
WVFS6	9.02					
WVFS5	9.02					
WVFS4	9.02					
WVFS3	9.02					
WVFS2	9.02					
WVFS1	9.02					
WVF3FT	9.02					
WVF5FT	8.02					
RBT_ACCZ	4.77					
RBT_ACCY	4.77					
RBT_ACCX	4.77					
WVFSYNC	4.77					
WVFCAL	4.77					
GCT_HV	4.76					
CCL$2	3.81					
CCL$1	3.81					
GCT_Temp	3.26		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
GR	2.39					
GCT_IntTemp	1.67		GCT_acc-50-GCT275-0000 (FW0701-23) Probe 2.75" Gamma Ray - CCL w/Temp (Single Pin)	4.77	2.75	55.00
GCT_ACCZ	0.00					
GCT_ACCY	0.00					
GCT_ACCX	0.00					

Dataset: tep_fed_wmc_433-19-793_rcbl.db: field/well/run1/main
Total length: 14.56 ft
Total weight: 196.00 lb
O.D.: 3.25 in

Company	TEP Rocky Mountain LLC
Well	Federal WMC 433-19-793
Field	Rulison
County	Garfield
State	Colorado

THE WIRELINE GROUP

Radial Cement Bond
Gamma Ray
Casing Collar Log