Penobscot L-30

WELL SUMMARY

D #	165
Company	Petro-Canada
Location	44°09’43’.55” N 60°04’09.33” W
UWI	300L304410060000
Area	Scotian Shelf
Spud Date	July 18, 1976
Well Term. Date	September 23, 1976
Drilling Rig	Sedco H
Total Depth(m)	4,267
Water Depth MD (m)	137.5
Rotary Table (m)	29.9
Well Status	P&A
Well Type	exploratory
Info. Release Date	released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
406 mm x 349.3 m	16” x 1,146’
339 mm x 930.2 m	13 3/8” x 3,052’
244 mm x 1,969.3 m	9 5/8” x 661’

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate / Amount**	**Remarks**
RUN 1				
RFT #1 – RFT #4	2,503.9 – 2,852	-	-	did not open chamber
RFT #5	2,639	gas condensate ester	10 cf 2,800 cc 5,200 cc	
RFT #5A	2,639.3	gas condensate	5 cf 3,000 cc	
RFT #6	2,701.4	-	-	chamber plugged
RFT #7	2,502	oil water	900 cc 8,000 cc	
RFT #8	3,080.9	trace oil water	- 3,700 cc	

RFT #9	2,700.8	water	9,700 cc	
RFT 10	2,798.7	-	-	dry test
RFT 11	2,788.6	-	-	did not open chamber
RFT 12	3,513	-	-	no seat
RFT #13	2,524.3	gas	0.5 cf	
RFT #14	2,545.3	oil	100 cc	
RFT #1				

RUN 2

RFT #1	4,099.5	-	-	dry test, no permeability
RFT #2	4,099.8	-	-	dry test, no permeability

GEOLOGIC TOPS

Formation	**MD (ft)**	**MD (m)**
Banquereau Fm	2,844 (bottom)	866.8
Wyandot Fm	2,844	866.8
Dawson Canyon Fm	3,122	951.6
Petrel Mb	3,554 – 3,593	1,083.3 – 1,095.1
Logan Canyon Fm	3,881	1,182.9
Marmora Mb	3,881	1,182.9
Sable Mb?	4,662	1,420.9
Cree Mb	4,960	1,511.8
Naskapi Mb	7,081	2,139.0
Missisauga Fm	7,386	2,251.2
Missisauga Upper Mb	7,368	2,251.2
(“O”Marker)	7,900	2,407.9
Missisauga Lower Mb	10,468	3,190.6
Mic Mac Fm	11,169	3,404.3
(Penobscot Limestone)	11,169	3,404.3

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Directional Log (Computed), Run 1-3
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Sonic Log, Run 1-4
Saraband (A Sandstone Analysis), Run 3
Well History Log (Lithology, Porosity, etc.)

Master Log (Gas in Cuttings, Drilling Rate etc.)
Weather and vessel Performance Summary
Simultaneous Compensated Neutron Formation Density, Run 1-3
Repeat Formation Tester, Run 1 & 2
Repeat Formation Tester, Run 1 & 2
Borehole Compensated Sonic Log, Run 1-4
Directional Log (Computed), Run 1-3
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Sonic Log, Run 1-4
Saraband (A Sandstone Analysis), Run 3
GMA Stratigraphic Modeling System
Velocity Survey
Dual Induction Laterolog, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-3
Velocity Analysis (Part 1)
Dipmeter Cluster Calculation Listing (Job # 606) – Run 3
Dipmeter Cluster Calculation Listing (Job # 532) – Runs 1,2, 3

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	374.9 – 4,267.2	1,028
Unwashed Cuttings	374.9 – 4,267.2	1,027
Sidewall Core	1,043.3 – 4,071.2	84
Canned Cuttings (dried)	374.9 – 4,267.2	425

Core

Core #	Interval (m)	Recovery (m)
Core #1	3,423.2 – 3,431.7	8.4
Core #2	4,041.0 – 4,058.6	9.3

Fluids

Fluid Type	Depth (m)	Test #
Condensate	2,480.2	RFT #14
Condensate	2,639.3	RFT #5

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	367.5 – 4,267.2	141	cuttings
Palynology	548.6 – 4,267.2	136	cuttings
Palynology	3,4534 – 4,054.9	41	core
Palynology	1,046.4 – 4,145.3	58	sidewall core
Thin Section	3,429.6 – 4,052.6	2	core