Penobscot L-30

Well Summary

GENERAL INFORMATION

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)	4267
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 1969.3 m	9 5/8" x 661'

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate/ Amount**	**Remarks**
RUN 1				
RFT #1 – RFT #4	2503.9 – 2852	-	-	did not open chamber
RFT #5	2639	gas condensate ester	10 cf 2,800 cc 5,200 cc	
RFT #5A	2639.3	gas condensate	5 cf 3,000 cc	
RFT #6	2701.4	-	-	chamber plugged
RFT #7	2502	oil water	900 cc 8,000 cc	
RFT #8	3080.9	trace oil water	- 3,700 cc	
RFT #9	2700.8	water	9,700 cc	

RFT 10	2798.7	-	-	dry test
RFT 11	2788.6	-	-	did not open chamber
RFT 12	3513	-	-	no seat
RFT #13	2524.3	gas	0.5 cf	
RFT #14	2545.3	oil	100 cc	
RFT #1				
RUN 2				
RFT #1	4099.5	-	-	dry test, no permeability
RFT #2	4099.8	-	-	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	1083.3 – 1095.1
Logan Canyon Fm	3,881	1182.9
Marmora Mb	3,881	1182.9
Sable Mb?	4,662	1420.9
Cree Mb	4,960	1511.8
Naskapi Mb	7,081	2139.0
Missisauga Fm	7,386	2251.2
Missisauga Upper Mb	7,368	2251.2
(“O”Marker)	7,900	2407.9
Missisauga Lower Mb	10,468	3190.6
Mic Mac Fm	11,169	3404.3
(Penobscot Limestone)	11,169	3404.3

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 – 4267.2	1,028
Unwashed Cuttings	374.9 – 4267.2	1,027
Sidewall Core	1043.3 – 4071.2	84
Canned Cuttings (dried)	374.9 – 4267.2	425

Slides	**Interval (m)**	**# of Slides**	**Sample Source**
Micropaleo	367.5 – 4267.2	141	cuttings
Palynology	548.6 – 4267.2	136	cuttings
Palynology	34534 – 4054.9	41	core
Palynology	1046.4 – 4145.3	58	sidewall core
Thin Section	3429.6 – 4052.6	2	core

Core	**Interval (m)**	**Recovery (m)**
Core #1	3423.2 – 3431.7	8.4
Core #2	4041.0 – 4058.6	9.3

Fluids

Fluid Type	**Depth (m)**	**Test #**
Condensate	2480.2	RFT #14
Condensate	2639.3	RFT #5