

Mohican I-100

Well Summary

GENERAL INFORMATION

D #	74
Company	Shell
Location	42°59'39.04" 62°28'51.32"
UWI	300I004300062150
Area	Scotian Shelf
Spud Date	December 27, 1971
Well Term. Date	March 10, 1972
Drilling Rig	Sedco H
Total Depth (m)	4393
Water Depth (m)	153.3
Rotary Table (m)	29.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (imperial)	Size x Depth (metric)
16" x 1,189'	406 mm x 362.4 m
13 ³ / ₈ " x 3,231'	340 mm x 984.8 m
9 ⁵ / ₈ " x 6,621'	244.5 mm x 2018.4 m

GEOLOGIC TOPS:

Formation	depth (ft)	depth (m)
Laurentian Fm	4,734	1442.9
(unconformity)	4,734	1442.9
Banquereau Fm	4,734	1442.9
(unconformity)	5,616	1711.7
Logan Canyon Equiv	5,616	1711.7
Missisauga Equiv	7,212	2198.2
Roseway/Artimon Equiv	8,248	2513.9
Abenaki Fm	8,897	2711.8
Baccaro Mb	8,897	2711.8
Misaine Mb	10,920	3328.4
Scatarie Mb	11,290	3441.1
Mohican Fm	11,888	3623.4
Iroquois Fm	12,426	3787.4
(breakup unconformity)	14,064	4286.7
Eurydice Fm	14,064	4286.7
Argo Fm	14,322	4365.3

ADDITIONAL REPORTS AND LOGS:

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Compensated Formation Density and Neutron Log, Run 1 & 2

4-Arm High Resolution Continuous Dipmeter, Run 1-3
 Dual Induction-Log, Run 1-4
 Micropaleontology, Palynology, Geochem, & Source Rock Analysis
 Directional Log, Run 1-3
 Velocity Survey (2 parts)
 Velocity Analysis
 Geochemical Evaluation (x-ref 8623-R5-1P)
 Compensated Formation Density Log, Run 1
 Geochem Analysis
 Micropaleontology & Palynology Summary
 Micropaleontology , Palynology & Stratigraphy

SAMPLES

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	393.2 – 4370.8	940
Unwashed Cuttings	393.2 – 4370.8	923
Sidewall Core	388.9 – 4390.6	239

<u>Slides</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source</u>
Micropaleo slides	386.2 – 4353.7	156	sidewall core
Micropaleo slides	386.2 – 4236.7	162	cuttings
Micropaleo slides	2540.8 – 2844.7	14	core
Micropaleo slides	2838.9 – 2845.3	9	core
Palynology slides	388.9 – 2164.1	100	sidewall core
Palynology slides	2179.3 – 4364.7	64	sidewall core
Palynology slides	386.2 – 3602.7	124	cuttings
Palynology slides	987.5 – 1786.1	7	cuttings
Palynology slides	3627.1 – 4236.7	24	cuttings
Palynology slides	1798.3 – 4364.7	25	cuttings
Palynology slides	2524.6 – 4099.6	68	core
Palynology slides	2532.9 – 4145.3	29	co. core
Palynology slides	2536.5	1	cuttings
Thin Section slides	2541.6 – 3982.5	3	core/cuttings
Thin Section slides	2541.7 – 4334.6	10	cuttings
Nannofossil slides	335.3 – 4236.72	7	cuttings

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	2524.6 – 2532.5	7.8
Core #2	2532.5 – 2541.7	8.8
Core #3	2838.9 – 2848.1	8.9
Core #4	3220.2 – 3229.4	9.1
Core #5	3462.5 – 3470.5	7.0
Core #6	3691.1 – 3700.3	9.0
Core #7	3700.3 – 3968.5	6.8
Core #8	4091.9 – 4101.1	7.6
Core #9	4331.0– 4340.0	7.7