

Migrant N-20

WELL SUMMARY

GENERAL INFORMATION

D #	170
Company	Mobil
Location	43 ⁰ 59'56.24" N 60 ⁰ 17'18.23" W
UWI	300N204400060150
Area	Scotian Shelf
Spud Date	July 29, 1977
Well Term. Date	January 23, 1978
Drilling Rig	Gulftide
Total Depth (m)	4,669
Water Depth (m)	13.7
Rotary Table (m)	26.1
Well Type	Exploration
Classification	Gas Show
Well Status	P&A
Info. Release Date	Released

CASING

Size x Depth (metric)	Size x Depth (imperial)
762 mm x 121.9 m	30" x 400'
508 mm x 244.4 m	20" x 802'
340 mm x 1,046.6 m	13 ^{3/8} " x 3,434'
244 mm x 3,129.9 m	9 ^{5/8} " x 10,269'
178 mm x 4,333.0 m	7 " x 14,216'

GEOLOGIC TOPS

Formation	MD (ft)	MD (m)
Banquereau Fm	3,330	1,014
Wyandot Fm	3,330	1,014
Dawson Canyon Fm	3,764	1,147.3
Petrel Mb	4,123	1,256.7
Logan Canyon Fm	4,499	1,371.3
Marmora Mb	4,499	1,371.3
Sable Mb	5,316	1,620.3
Cree Mb	7,645	2,330.2
Naskapi Mb	8,030	2,447.5
Missisauga Fm	8,030	2,447.5
Missisauga Upper Mb	8,830	2,691.4
("O" marker)	9,070	2,764.5
Missisauga Middle Mb	11,437	3,485.9
Missisauga Lower Mb	12,780	3,895.3

Mic Mac Fm 13,000 3,962.4

WELL TEST SUMMARY

Type /Test #	Interval (m)	Recovery	Flow Rate / Amount	Remarks
DST #1	4,333.0 – 4,361.6	-	-	No recovery
DST #2	4,333.0 – 4,361.6	gas muddy water trace condensate	283,165 m ³ /d 5 gal. -	12.7mm choke
DST #3	4,270.2 – 4,273.3	-	-	Misrun
DST #4	4,270.2 – 4,273.3	-	-	Misrun
DST #5	4,270.2 – 4,273.3	-	-	No recovery
DST #6	4,270.2 – 4,273.3	-	-	Misrun
DST #7	4,205.0 – 4,212.9	-	-	Misrun
DST #8	4,205.0 – 4,212.9	-	-	No recovery

ADDITIONAL REPORTS AND LOGS

Well History Report
 Borehole Compensated Sonic Log, Run 1-5
 GMA Stratigraphic Modeling System
 4-Arm High Resolution Continuous Dipmeter (Computed), Run 1
 Long Spacing Sonic Log, Run 1 & 2
 Calibrated Velocity Log
 Mud History Log
 Two-Way Travel Time Log
 Velocity Analysis (mylar & paper copies)
 Dual Induction Laterolog, Run 1-5
 Simultaneous Compensated Neutron Formation Density, Run 1-3
 Palynology Rpt., Micropaleontological and Paleontological Summaries
 Formation Testing (Technical Report)
 Wave Form, Run 1, 2, & 3
 Repeat Formation Tester, Run 1
 Variable Density Amplitude, Run 1
 Completion Record
 Casing Locator Log, Run 1
 Variable Density, Run 2
 Cement Bond Log (Field Print), Run 1
 Temperature Log (Field Print), Run 2
 Directional Log, Run 1

Survey Computation Sheet
Seismic Velocity Survey & Velocity Log Calibration
Cement Bond Log, Run 1 & 2
Temperature Log, Run 1, Run 2(2), Run 3
Dipmeter Cluster Calculation Listing
Drilling Record (Bit Penetration Rate, etc.)

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	298.7 - 4,468.3	1,047
Unwashed Cuttings	298.7 - 4,468.3	1,054
Sidewall Core	1,085.0 - 3,124.8	96
Canned Cuttings (dried)	298.7 - 4,468.3	219

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	289.5 - 4,468.3	151	cuttings
Palynology	316.9 - 4,468.3	150	cuttings