

Migrant N-20

D170

Well Summary

GENERAL INFORMATION

D #	170
Company	Mobil-Tetco-PEX
Location	43°59'56.24" N 60°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)	4669
Water Depth (m)	13.7
Rotary Table (m)	26.1
Well Status	P&A
Well Type	Exploration
Info. Release Date	Released

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
762 mm x 121.92 m	30" x 400'
508 mm x 244.45 m	20" x 802'
340 mm x 1046.7 m	13 3/8" x 3434'
244 mm x 3130.03 m	9 5/8" x 10269' 2"
178 mm x 4333.09 m	7" x 14216' 2"

WELL TEST SUMMARY

Type /Test #	Interval (m)	Recovery	Amount Recovered
DST#1	4333.09 - 4361.74	No recovery	
DST#2	4333.09 - 4361.74		Flowed gas at 10 MMcf/d (283 165 m ³ /d) on 1/2" (12.7mm) choke,. 5 gallons (18.9L) muddy water and trace condensate
DST#3	4270.2 - 4273.2	misrun	
DST#4	4270.2 - 4273.2	misrun	
DST#5	4270.2 - 4273.2	No recovery	
DST#6	4205.0 - 4212.9	No recovery	
DST#7	4205.0 - 4212.9	misrun	
DST#8	4205.0 - 4212.9	No recovery	

GEOLOGIC TOPS

Formation:	Depth (m)
Wyandot Fm	1015
Dawson Canyon Fm	1147.28
Petrel Mb	1256.71
Logan Canyon Fm	1371.31
Marmorata Mb	1371.31
Sable Mb	1620.34

Cree Mb	1717.87
Naskapi Mb	2330.22
Missisauga Fm	2447.57
Upper Mb	2447.57
("O" Marker)	2691.42
Middle Mb	2764.57
Lower mb	3486.04
Mic Mac Fm	3895.39
(approximate top of overpressure)	3962.45

SAMPLES

<u>Sample Type:</u>	<u>Interval (ft)</u>	<u># of Samples</u>	
Washed Cuttings	980 - 14660	1064	Vials
Unwashed Cuttings	980 - 14660	1054	Bags
Canned Cuttings	980 - 14660	219	Bags Dried
Sidewall Core	3560 - 10,252	96	Vials

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source:</u>
Palynology Slides	1040 - 14660	150	Cuttings
Micropaleo Slides	950 - 14660	151	Cuttings

REPORTS AND LOGS:

Well History Report #1
Well History Report #2
Operations Program
West Sable Exploration License Reservoir Quality Study, Offshore Nova Scotia. (Includes D295 Thebaud C-74, D271 Thebaud I-93, D170 Migrant N-20, & D239 Alma F-67)
Borehole Compensated Sonic Log, Run 1-5
GMA Stratigraphic Modelling System
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1
Long Spacing Sonic Log, Run 1 & 2
Mud History Log
Bottom Hole Location
Two-Way Travel Time Log
Dual Induction Laterolog, Run 1-5
Simultaneous Compensated Neutron Formation Density, Run 1-3
Palynology Rpt., Micropaleontological and Paleontological Summaries
Repeat Formation Tester, Run 1
Variable Density Amplitude, Run 1
Completion Record
Casing Locator Log, Run 1
Variable Density, Run 2
Directional Log computed, Run 1
Report and Plan of Sub-surface Magnetic Survey
Seismic Velocity Survey & Velocity Log Calibration
Dipmeter Cluster Calculation Listing
Drilling Record (Bit Penetration Rate, etc.)
Formation Testing (Technical Report) Test 1
Formation Testing (Technical Report) Test 2

Formation Testing (Technical Report) Test 3
Formation Testing (Technical Report) Test 4
Formation Testing (Technical Report) Test 5
Formation Testing (Technical Report) Test 6A
Formation Testing (Technical Report) Test 6B
Formation Testing (Technical Report) Test 7
Velocity Analysis #1
Velocity Analysis #2
Wave Form, Run 1
Wave Form, Run 2
Wave Form, Run 3
Cement Bond Log (Field Print), Run 1 (Aug/09/77)
Cement Bond Log (Final), Run 1 (Aug/09/77)
Cement Bond Log (Final), Run 2 (Aug/12/77)
Temperature Log (Final), Run 1 (Jul/29/77)
Temperature Log (Field Print), Run 2 (Aug/09/77)
Temperature Log (Final), Run 2 (Aug/09/77)
Temperature Log (Final), Run 3 (Aug/12/77)
Temperature Log (Final), Run 2 (Nov/15/77)
Calibrated Velocity Log