

Venture B-52

WELL SUMMARY

GENERAL INFORMATION

D #	224
Location	44 ⁰ 01'12.88" N 59 ⁰ 38'07.76" W
Company	Mobil et al
UWI	300B524410059300
Area	Scotian Shelf
Spud Date	January 19, 1983
Well Term. Date	October 27, 1983
Drilling Rig	Rowan Juneau
Water Depth (m)	19.5
Rotary Table (m)	34.0
Total Depth MD (m)	5,960
Well Type	Delineation
Well Classification	gas well
Well Status	P&A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
914 mm x 193 m	36" x 633'
473 mm x 866 m	18 5/8" x 2,841.2'
340 mm x 3,123 m	13 3/8" x 10,246'
244 mm x 4,788 m	9 5/8" x 15,708.6'
178 mm x 5,810 m	7 5/8" x 19,061'

WELL TEST SUMMARY

Type /Test #	Interval (m)	Recovery	Flow Rate (m ³ /d)	Remarks
DST #1	5,800 – 5,804	gas water	1.27 x 10 ⁴	
DST #2	5,725 – 5,732	gas oil water	3.11 10 ⁵ .95 8.9	43.9 API on 9.53 mm choke (Cl:- 28,000 ppm)
DST #3	5,453 – 5,460	-		misrun
DST #4	5,453 – 5,460	-		misrun
DST #5	5,453 – 5,460	gas water	6.51 x 10 ² 271	7.14 mm choke (Cl:- 157,000 ppm)
DST #6	5,284 – 5,293	gas	1.39 X 10 ⁶	

		condensate water	31.9 21.3	47.9 API 22.3 mm choke (Cl-: 3,410 ppm)
DST #7	5,126 – 5,131	gas water	7.92×10^2 321.3	7.14 mm choke (Cl-: 146,000 ppm)
DST #8	5,065 – 5,080	gas water	1.16×10^3 195	5.56 mm choke (Cl-: 146,000 ppm)
DST #9	5,043 – 5,048	gas water	1.18×10^3 852	11.9 mm choke (Cl-: 165,000 ppm)
DST #10	5,031 – 5,036	gas water	1,048 379.3	15.88 mm choke (Cl-: 170,000)
DST #11	5,023 – 5,026	gas water	578 335.5	15.88 mm choke (Cl-: 181,000)
DST #12	4,963 – 4,972	gas condensate water	3,341 76.3	trace 9.53 mm choke (Cl-: 155,000)
DST #13	4,920 – 4,925	gas condensate water	43,897 128.8	trace 9.53 mm choke (Cl-: 155,000 ppm)
DST #14	4,848 – 4,858	water	13.8	7.14 mm choke (Cl-: 112,000)
DST #15	4,711 – 4,727	gas condensate water	12,263 363	trace 8.73 mm choke (Cl-: 170,000 ppm)

GEOLOGIC TOPS

Formation	MD (m)
Banquereau Fm	1,377.3 (bottom)
Wyandot Fm	1,377.3
Dawson Canyon Fm	1,501.8
Petrel Mb	1,567
Logan Canyon Fm	1,682

Marmora Mb	1,682
Sable Mb	1,942
Cree Mb	2,042.5
Naskapi Mb	2,849
Missisauga Fm	2,970
Missisauga Upper Mb	2,970
("O" Marker)	3,360
Missisauga Middle Mb	3,375
Missisauga Lower Mb	4,181.5
Approx. Top OP	4,478
MicMac Fm	5,138
(No. 9 Limestone)	5,138

ADDITIONAL REPORTS AND LOGS

Well History Report
EMR Drilling Submission
Directional Log (Computed), Run 1-4
Borehole Geometry Survey and Cement Volume Log, Run 1-5
Directional Survey, Run 1
High Resolution Dipmeter Cluster Listing, Run 1
High Resolution Dipmeter Cluster Listing, Run 2
High Resolution Dipmeter Cluster Listing, Run 3 & 4
Core Analysis/Nitrite & Chloride
Special Core Analysis
Core Analysis
Repeat Formation Tester, Run 1 & 2
Dual Laterolog Micro-SFL, Run 1-3
Vertical Seismic Profile
Well History Log
Core Analysis Report
Cement Evaluation Log, Run 1
Simultaneous Compensated Neutron Formation Density, Run 1-5
Borehole Compensated Sonic Log, Run 1-6
Dual Induction-SFL, Run 1-5
Cement Bond-Variable Density Log, Run 1
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Dual Laterolog Micro-SFL/Dual Induction-SFL (Reduced Mylar)
Perforating Depth Control, Run 1
Compensated Neutron Log, Run 1
Simultaneous Compensated Neutron Formation Density (Reduced Mylar)
Mud-Gas Log
Core Photo's (Whole Core), Cores 1
Core Photo's (Whole Core), Cores 1-4
Core Photo's (Whole Core), Cores 5&6
Core Photo's (Whole Core), Cores 7
Core Photo's (Whole Core), Cores 8
Core Analysis Preliminary Report
Previous Field Analysis Report
Sample Fluid and Gas Properties Report (DST # 1-15)
Hydrocarbon Composition Analysis
Combination Wet/Dry Sieve Analysis
Oil & Water Analysis
Special Core Analysis Tests
Temperature Log, Run 1
Multi-Shot Survey

Stratigraphic Column
 Scanning Electron Microscopy
 Reservoir Quality Study
 Hydrocarbon Source Facies Analysis

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	800 – 5,950	887
Unwashed Cuttings	800 – 5,950	807
Sidewall Core	3,250 – 5,813	58
Canned Cuttings (dried)	885 – 5,960	502

Core

Core #	Interval (m)	Recovery (m)
1	4,707.9 – 4,724.7	7.3
2	4,940.5 – 4,959.4	16.46
3	5,018.6 – 5,036.0	6.4
4	5,036.0 – 5,053.0	16.8
5	5,113.6 – 5,131.6	15.8
6	5,165.0 – 5,181.0	12.6
7	5,226.6 – 5,280.0	12.1
8	5,535.9 – 5,556.2	17.0

Recovered Fluids:

Test #	Interval (m)	Recovery	Recovered from
DST #2, Zone 2	5,800 – 5,804	water	high stage separator
DST #5, Zone 3	5,453 – 5,460	water	manifold
DST #6, Zone 4	5,284 – 5,293	condensate	separator (0130 hrs)
DST #6, Zone 4	5,284 – 5,293	condensate	separator (0700 hrs)
DST #7, Zone 5	5,126 – 5,131(Sand 7)	water	choke manifold
DST #8, Zone 5&6	5,065 – 5,080	water	
	5,064 - 5,131		
DST #9, Zone 7	5,043 – 5,048(Sand 6)	water	separator
DST #10, Zone 7	5,031 – 5,036(Sand 6)	water	choke manifold
DST #11, Zone 7	5,023 – 5,026(Sand 6)	water	manifold
DST #12, Zone 8	4,963 – 4,972(Sand 5)	water	choke manifold
DST #13, Zone 8A	4,920 – 4,925(Sand 4D)	water	stocktank
DST #13, Zone 8A	4,920 – 4,925	cond. & water	stocktank
DST #15, Zone 10	4,711 – 4,727(Sand 3A)	water	separator
DST #15, Zone 10	4,711 – 4,727	oil	stocktank

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	870 – 5,960	170	cuttings
Palynology	4,707.9 - 5,556.2	20	core
Palynology	5,175 - 5,556.05	3	core
Thin Section	5,275.5	1	core