

CANADA-NOVA SCOTIA OFFSHORE PETROLEUM BOARD

Geological & Geophysical Information
Available on

CALL FOR BIDS NS18-3

NOVEMBER 2018

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Introduction

This publication contains lists of released geological and geophysical reports available from the Canada-Nova Scotia Offshore Petroleum Board ("CNSOPB" or the "Board") for the Call for Bids NS18-3 area in the Nova Scotia offshore.

A. Disclosure of Technical Data

Sections 122 and 121 respectively of the federal and provincial legislation deal with the confidentiality and disclosure of information provided for purposes of the legislation.

Information or documentation in respect of an exploratory well is held confidential for 2 years following the well termination date. The following confidentiality period for delineation well is 2 years following the termination date of the discovery well on the same prospect, or 90 days following the well termination date of the delineation well, whichever is longer. For a development well, the confidentiality period is 2 years following the termination date of the discovery well on the same prospect, or 60 days following the termination date of the development well, whichever is longer. General information on a well, including its name, operator, classification, location, identity of the drilling unit, depth, and operation status of the drilling program, may be obtained from the Board on a current basis.

Information or documentation in respect to non-exclusive geophysical work is held confidential for at least 10 years following the completion date of the work. The geophysical regulations define a non-exclusive survey as a geophysical operation that is conducted to acquire data for the purpose of sale, in whole or in part, to the public.

Information and documentation in respect to exclusive geological or exclusive geophysical work is held confidential for a period of 5 years following the completion date of the work. The date of completion is considered to occur 6 months after the field program is terminated. Operators are required to submit comprehensive reports on each program in the offshore area. These reports, together with associated items such as interpretative maps, seismic sections, well logs, cores, cuttings, fluid samples and paleontological materials derived from such programs are held confidential for the requisite period, and then released for public examination.

The completeness and quality of reports vary depending on operator and the program vintage.

B. Explanation of Program Numbers for Geological and Geophysical Programs

Released geological and, geophysical and related reports are listed alphabetically by program number and company code. Upon approval of an application to conduct a geophysical or geological program, a unique program number is assigned to the project by the regulator. For programs completed prior to January 1990 this number was assigned by the federal Department of Energy, Mines and Resources (EMR). The number is coded to contain;

- the geographic region to which the program relates;
- the type of geophysical or geological work proposed;
- the company operating the program; and
- the sequential number of that type of program operated by that company.

For example, a typical program number for offshore Nova Scotia could be 8624-M003-044E. It follows the format ABCD-EFGH-IJKL, each sequence of letters corresponding to an alphanumeric code:

- **AB** (86 in example) identifies an east coast offshore exploration program approved prior to 1990. **NS** identifies an offshore Nova Scotia program completed after January 1990 and approved by the Canada-Nova Scotia Offshore Petroleum Board.
- **CD** (24 in the example) identifies the type of geological/geophysical work where:
 - 20 - combined geophysical Survey
 - 21 - aeromagnetic survey
 - 23 - seafloor gravity survey
 - 24 - seismic reflection survey
 - 25 - seismic refraction survey
 - 26 - shallow seismic, seabed survey
 - 27 - (re)processing, (re)interpretation
 - 30 - combined geological program etc.

- **EFGH** (M003 in the example) identifies the operator or company code where:

A004	Amoco Canada Petroleum Co. Ltd.	J001	Esso Resources
A012	Austin Exploration Ltd.	J008	ICG Resources Ltd.
A014	Aqua Terra Consultants Ltd.	J013	Jebco Surveys N.V. (Jebco Geo. Ser. Inc.)
A024	Amoco Production Company	L023	Lasmo Nova Scotia Limited
B003	B P Exploration Canada Limited	K006	Kerr & Associates Ltd., J. William
B004	Banner Petroleum, Ltd.	M003	Mobil Oil Canada
B006	Ballinderry Explorations Ltd.	M006	Murphy Oil
B011	Bow Valley Industries Ltd.	M013	McDermott, J. R
C002	Canadian Export Oil & Gas Ltd.	M055	Marathon Canada Limited
C004	Chevron Canada Resources Limited	N005	Norcen Energy Resources
C012	Canadian Reserve Oil And Gas Ltd.	N011	Nova Scotia Resources Limited
C015	Catalina Exploration & Development	O011	Onaping Resources Limited
C020	Canadian Superior Oil Ltd.	P003	PanCanadian Petroleum Ltd.
C033	Canadian Ashland Exploration Ltd.	P011	Pacific Petroleum Ltd
C034	Central Del-Rio Oils Limited	P028	Petro-Canada Inc.
C039	Cavalier Energy Inc.	R005	Robertson Research Canada Limited
C055	Canterra Energy Ltd.	S001	Siebens Oil & Gas Ltd
C146	Canadian Superior Energy Inc.	S003	Shenandoah Oil Corporation
D001	Digicon Exploration Ltd	S006	Shell Canada Resources
D003	Dome Petroleum Limited	S008	Sun Oil Company
D004	Delta Exploration Company Inc.	S009	Scurry-Rainbow Oil
D009	Dome Canada Limited	S014	SOQUIP
D031	Devon Canada Corporation	S016	Sultan Exploration Ltd
E006	Exxon Corporation	S024	Seiscan Delta Ltd
E040	Exxonmobil Canada Properties	S047	Simin Exploration Consultants Ltd.
E043	Encana Corporation	S092	St. Mary's University

G001	Gulf Canada Resources Inc.	T007	Texaco Canada Inc.
G005	Geophysical Services Inc. (Gsi)	T013	Transalta Oil & Gas Ltd
G011	Geophoto Services Ltd	T021	Texaco Canada Resources
G014	Great Plains Development	T036	Teknica Resource Development Ltd.
G020	Geco (US), Inc	T063	TGS-NOPEC Geophysical Company
G026	Geco Geophysical Canada Ltd.	U003	Unocal Canada Limited
G041	Government of Canada	V001	Voyager Petroleums Ltd.
G065	Geco-Prakla	V003	Veritas Seismic
G075	GX Technology Canada Limited	W006	Western Decalta
H005	Home Oil Company Limited	W013	Western Geophysical Petrol, 1977 Ltd.
H006	Husky Oil Operations Ltd.	W030	WesternGeco Canada
H007	Hudson's Bay Oil & Gas Company		

• **IJK (044E in the example) is the program type where:**

- E** - exclusive program
- P** - participation or speculative program
- DT** - data trade
- DA** - data acquisition

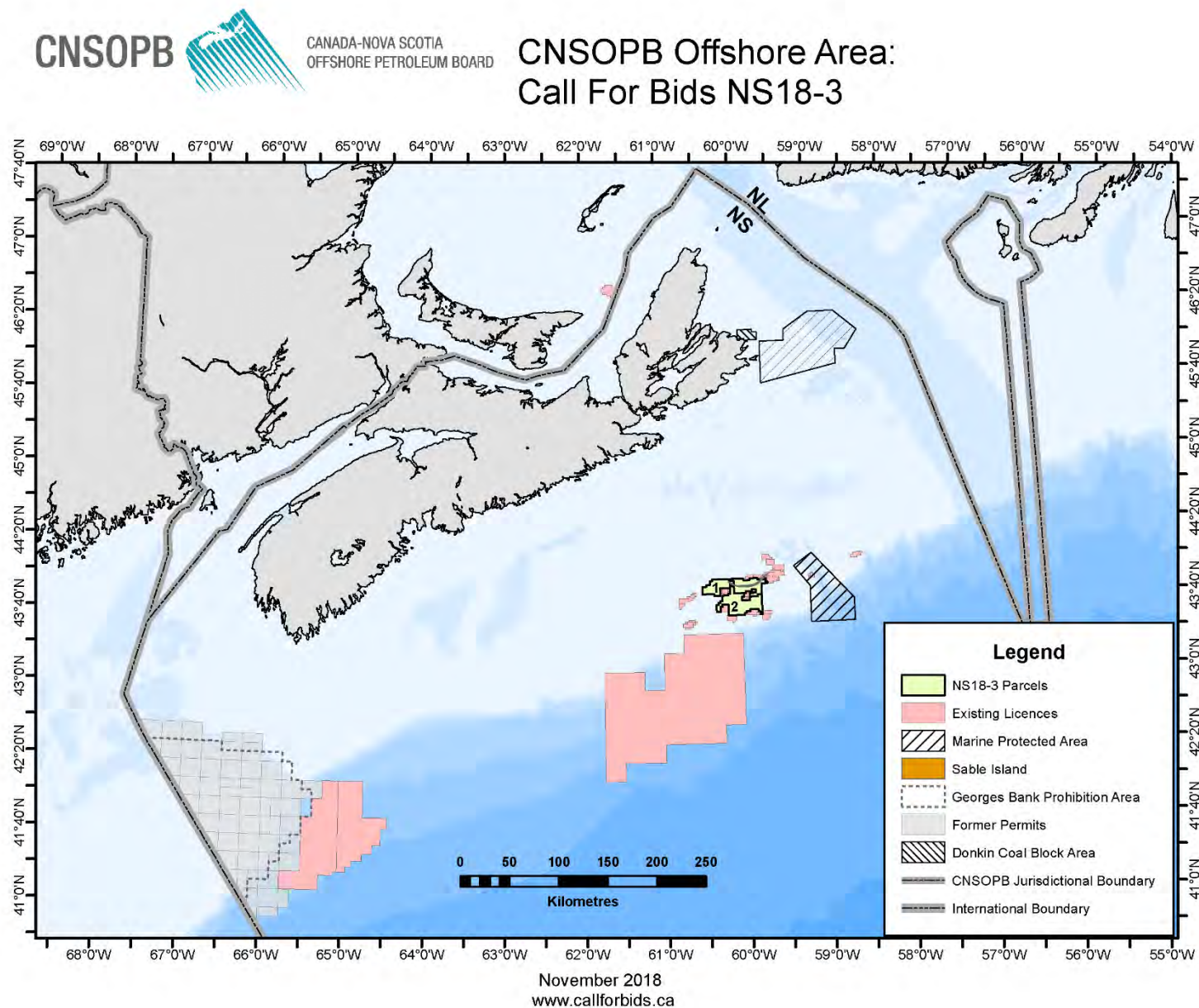
Therefore, the program number 8624-M003-044E indicates the 44th seismic reflection survey in the East Coast Offshore Region conducted exclusively for Mobil, and carried out prior to January 1990.

C. Explanation Concerning Interpretation of Geologic Tops:

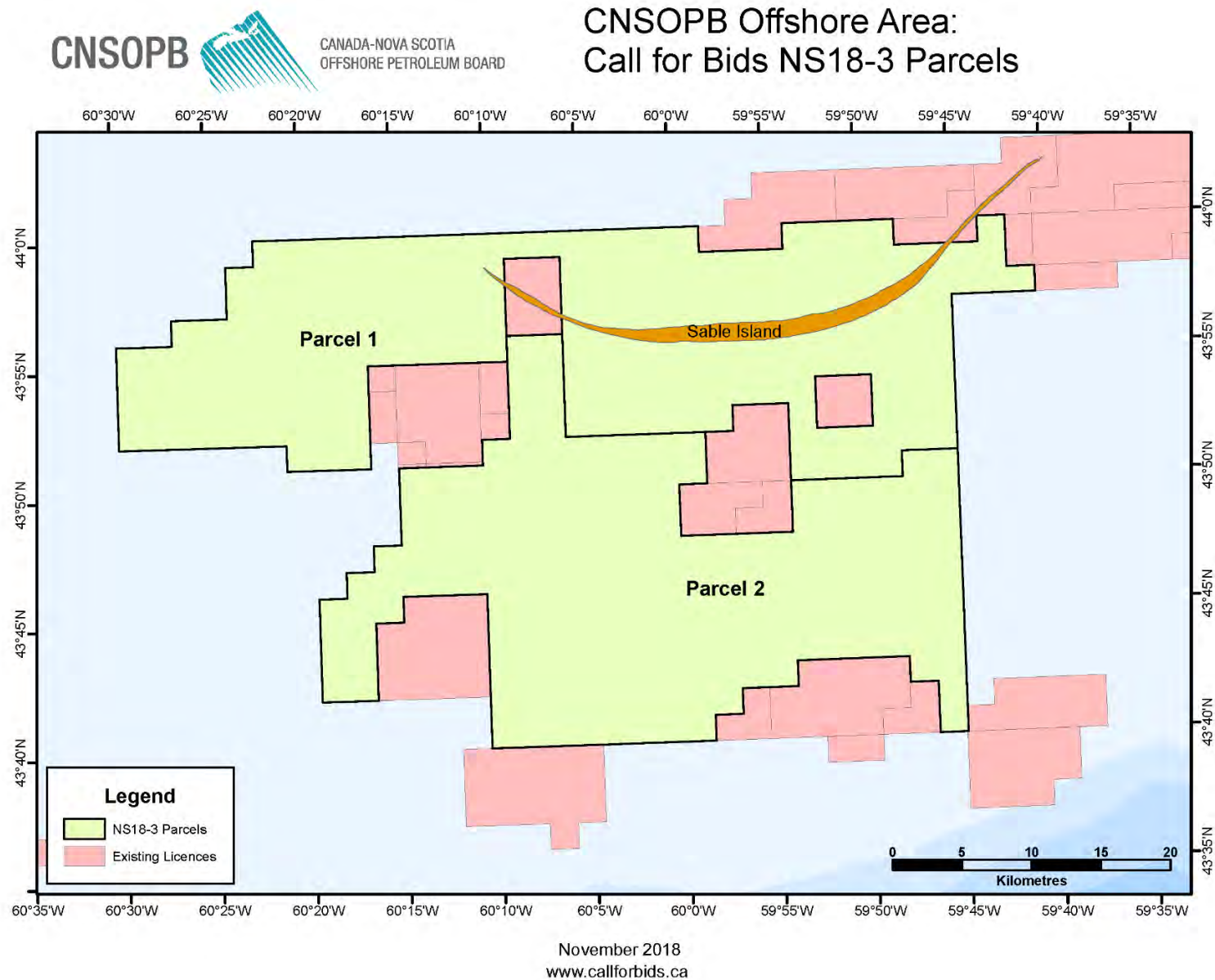
For all wells drilled prior to 1988 (D#1-124 inclusive), the geologic tops are sourced from the following publication: MacLean, B.C., and Wade, J.A., 1993: *Seismic Markers and Stratigraphic Picks in the Scotian Basin Wells*. East Coast Basin Atlas Series, Geological Survey of Canada, 276p. Tops data for all subsequent wells (D#125 onwards) are sourced from the respective companies' well history and related reports that are identified below each table.

Detailed information on all Scotian Basin stratigraphic units can be found in the following publication: Williams, G.L., Fyffe, L. R., Wardle, R. J., Colman-Sadd, S.P., and Boehner, R. C., 1985: *Lexicon of Canadian Stratigraphy Volume VI - Atlantic Region*. Canadian Society of Petroleum Geologists, Calgary, 572p.

1. Call for Bids NS18-3 Overview Map



2. Call for Bids NS18-3 – Parcels 1-2



3. NS18-3 PARCELS 1-2**NS18-3 Parcel 1**

(Search Co-Ordinates)

N. Latitude	44.00	E. Longitude	-59.67
S. Latitude	43.85	W. Longitude	-60.50

Program Number	Year
NS24-W030-001P	2001
NS24-G005-002P	1999
NS24-M003-009E	1999
NS24-M003-010E	1999
NS24-M003-007E	1998
NS24-M003-006E	1997
NS24-M003-003E	1996
NS24-M003-002E	1991
NS24-M003-001E	1990
8624-P028-073E	1985
8624-W013-005P	1985
8620-J008-001E 002E	1984
8624-W013-002P	1984
8624-M003-049E	1984
8620-S014-006E	1983
8624-B011-004E	1983
8624-N005-002E	1983
8624-M003-044E 045E	1982
8624-S006-033E	1982
8624-S006-027E	1981
8624-M003-035E	1980
8624-S006-023E	1980
8624-M003-033E	1979
8624-M003-025E	1975
8620-M003-022E	1974
8624-M003-015E	1973
8624-M003-019E	1973
8624-M003-022E	1973
8624-C020-001E	1972
8624-M003-010E	1972
8620-C015-001P	1971
8620-C020-001E 002E	1971
8624-M003-004E	1971
8624-G005-007P	1984
NS24-G005-004P	2001
NS24-W013-001P	1998

NS18-3 Parcel 2

(Search Co-Ordinates)

N. Latitude	43.93	E. Longitude	-59.75
S. Latitude	43.66	W. Longitude	-60.33

Program Number	Year
NS24-E040-001E	2001
NS24-W030-001P	2001
NS24-G005-002P	1999
NS24-M003-009E	1999
NS24-M003-010E	1999
NS24-G005-001P	1998
NS24-M003-007E	1998
NS24-W013-001P	1998
NS24-M003-006E	1997
NS24-M003-003E	1996
NS24-M003-002E	1991
NS24-M003-001E	1990
8624-S006-050E	1987
8620-H006-009E	1985
8624-H006-008E	1985
8624-S006-041E	1985
8624-S006-048E	1985
8624-W013-005P	1985
8620-J008-001E 002E	1984
8624-G005-008P	1984
8624-M003-049E	1984
8624-W013-002P	1984
8620-H006-007E	1983
8620-S014-006E	1983
8624-B011-004E	1983
8624-H006-004E	1983
8624-N005-002E	1983
8624-S006-035E	1983
8624-S006-037E	1983
8624-W013-001P	1983
8620-H006-002E	1982
8624-M003-044E 045E	1982
8624-S006-033E	1982
8624-S006-027E	1981
8624-M003-035E	1980
8624-S006-023E	1980
8624-M003-033E	1979
8620-M003-022E	1974
8624-M003-015E	1973
8624-M003-019E	1973
8624-M003-022E	1973
8624-M003-010E	1972
8620-C020-001E 002E	1971
8624-M003-004E	1971
8624-S006-005E 006E	1970
BGR 1979	1979
8624-G005-007P	1984
NS24-W013-001P	1998

4. WELL SUMMARIES *Call for Bids NS18-3*
Wells in or near NS18-3 Parcel 1**Adamant N-97****D369**

Well Summary**GENERAL INFORMATION**

D #	369
Company	Mobil et al
Location	43°56'48.08" N 60°14'27.66" W
UWI	300N974400060000
Area	Scotian Shelf
Spud Date	November 5, 2000
Well Term. Date	February 1, 2001
Drilling Rig	Galaxy II
Total Depth (m)	4708
Water Depth (m)	16.9
Rotary Table (m)	48.7
Well Status	P&A
Well Type	Exploration
Classification	Gas Show
Info. Release Date	Released

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
914 mm x 245.9 m	30" x 806.7'
473 mm x 802.9 m	20" x 2,634.1'
340 mm x 3415.3 m	13 3/8" x 11,204.1'

GEOLOGIC TOPS

<u>Formation:</u>	<u>Depth (m)</u>
Banquereau Fm	1183.9 (bottom)
Wyandot Fm	1183.9
Dawson Canyon Fm	1264.8
Logan Canyon Fm	1552
Naskapi Mb	2510
Missisauga Fm	2693.4
MicMac Fm	4201.1

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	820 - 4705	707
Unwashed Cuttings	820 - 4705	708
Canned Cuttings	820 - 3420	209
Sidewall Core	3467 - 4146	47

REPORTS AND LOGS:

End of Well Report
Free Point Survey, Run 2 Field Print

Reservoir Saturation, Run 2 Field Print
Dipole Shear Sonic Imager Final Print MD
Array Induction AIT Final Print
Compensated Neutron-Lithology Density, Final Print Run 1
6-Arm Caliper Cement Volume Log, Final Print Run 1
Compensated Neutron Lithology Density, Final Print Run 2B
EMS 6 Arm Caliper, Final Print Run 2A
Dipole Sonic Imager Coherence Plots, Final Print Run 2A
Array Induction, Final Print Run 2A
Dipole Sonic Imager Compr. and Shear Data, Final Print Run 2A
Mechanical Sidewall Coring Log, Final Print Run 2
Composite Array Induction Tool TVD, Run 1 & 2
Composite Compensated Neutron Litho-Density Log TVD, Run 1
Composite Dipole Shear Sonic Imager TVD, Run 1
Modular Dynamic Formation Tester PS-PS-HY-FA-FC-PO-SC-MS-P, Run 2
Well Seismic Report
VSP Composite Display
VSPZ-Axis Processing Steps
Modular Formation Dynamics Tester Report Final Print
Core Analysis Report
Pore Pressure Hind-Cast Study
Physical Oceanographic Data Report: Wave Data
Core Laboratories Reservoir Fluids Report
Sample Log
Formation Evaluation Log
Surface, MWD and PWD Data Log
Pressure Data Log
Drilling Data Log
Final Recorded Mode, Annular PWD, Recorded Drilling Mechanics Log, Run 8
Final Recorded Mode, Annular PWD, Recorded Drilling Mechanics Log, Run 9
Final Recorded Mode, Annular PWD, Recorded Drilling Mechanics Log, Run 11
Final Recorded Mode, Array Resistivity Compensated MD, 2 Mhz Detail
Final Recorded Mode, Array Resistivity Compensated TVD, 2 Mhz Detail
Final Recorded Mode, Array Resistivity Compensated MD, 400 Khz Detail
Final Recorded Mode, Array Resistivity Compensated TVD, 400 Khz Detail
MWD PowerPulse Drilling Mechanics Log, MWD Run 1
MWD PowerPulse Drilling Mechanics Log, MWD Run 2
MWD PowerPulse Drilling Mechanics Log, MWD Run 3
MWD PowerPulse Drilling Mechanics Log, MWD Run 4
MWD PowerPulse Drilling Mechanics Log, MWD Run 5
MWD PowerPulse Drilling Mechanics Log, MWD Run 6
Annular PWD, Drilling Mechanics Log, MWD Run 7
Annular PWD, Drilling Mechanics Log, MWD Run 10
Final Realtime, Annular PWD, Realtime Drilling Mechanics Log
Forecast Verification Report
2000/2001 Meteorological Summary Report
Dual CSI-VSP Monitor Log
Borehole Seismic Report

Cohasset L-97**D177****Well Summary****GENERAL INFORMATION**

D #	177
Company	Mobil et al
Location	43°56'37.19" N 60°29'58.55" W
UWI	300L974400060150
Area	Scotian Shelf
Spud Date	July 13, 1978
Well Term. Date	November 13, 1978
Drilling Rig	Gulftide
Total Depth (m)	4872
Water Depth (m)	21.6
Rotary Table (m)	32.9
Well Type	Exploration
Classification	Gas Show
Well Status	P&A

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
762 mm x 181 m	30"x 594'
508 mm x 298 m	20"x 978'
340 mm x 1121 m	13 3/8"x 3,678'
244 mm x 3163 m	9 5/8"x 10,378'
178 mm x 3055 - 4176 m (liner)	7 " x 10,023' - 14,491.5'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate/Amt.</u>	<u>Remarks</u>
DST #1	4020 - 4028	-	-	misrun
DST #1A	4020 - 4028	-	-	misrun
DST #2	3600 - 3620	watery mud, gas cut	16 bbls	weak air flow
DST #2A	3600 - 3620.4	oil	166.9 m ³ /d	52.9 API
Acid Treatment	3600 - 3620.4	24% HCL	2,000 gal	
DST #2B	3600 - 3620.4	mud salt water	- 27 bbls	33,000 - 73,000 ppm Cl

GEOLOGIC TOPS

<u>Formation:</u>	<u>Depth (m)</u>
Banquereau Fm	979 (bottom)
Wyandot Fm	979
Dawson Canyon Fm	1034.5
Petrel Mb	1152
Logan Canyon Fm	1245.5
Marmora Mb	1245.5
Sable Mb	1483.0
Cree Mb	1590.6

Naskapi Mb	2109.4
Missisauga Fm	2219.8
(Upper)	2219.8
("O" Marker)	2401.0
(Middle)	2575.0
(Missisauga Lower)	2967.0
Abenaki Fm	3185.0
Baccaro Mb	3185.0
Misaine Mb	4417.0
Scatarie Mb	4558.0
Mohican Fm	4768.0

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>	
Washed Cuttings	310 - 4870	1	Vials
Unwashed Cuttings	310 - 4875	805	Bags
Canned Cuttings	590 - 4870	424	Bags (Dried)
Sidewall Core	1246.6 - 4616.9	110	Vials

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source:</u>
Micropaleo Slides	300 - 4870 M	378	Cuttings
Palynology Slides	460 - 4870 M	444	Cuttings
Thin Section Slides	3408 - 3421.9	10	Core
Nannofossil Slides	460 - 4870	237	Cuttings

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
1	3406.44 - 3424.79	17.7

REPORTS AND LOGS:

Well History Report
 Borehole Compensated Sonic Log, Run 1-4
 Bit Penetration Record ("d" exponent, Mud Weight, etc.)
 4-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
 Proximity Microlog Caliper, Run 1 & 2
 Simultaneous Compensated Neutron Formation Density, Run 1 & 2
 Mud History Log
 Directional Survey/Dipmeter Cluster Calculation Listing
 Drilling Record (Mud & Chemicals Used etc.)
 Directional Log (Computed), Run 1 & 2
 Dual Induction Laterolog, Run 1 -4
 Completion Record
 Repeat Formation Tester, Run 1
 Caliper, Run 1
 Cement Bond Variable Density Log, Run 1
 Compensated Neutron Log, Run 3
 Formation Testing Test 1
 Formation Testing Test 1a
 Formation Testing Test 2
 Formation Testing Test 2a
 Formation Testing Test 2b
 Core Analysis Report
 C15+ Hydrocarbon Analysis
 Seismic Velocity Survey and Log Calibration

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

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Amount Recovered</u>
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

<u>Formation:</u>	<u>Depth (m)</u>
Wyandot Fm	1015
Dawson Canyon Fm	1147.28
Petrel Mb	1256.71
Logan Canyon Fm	1371.31
Marmora 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

Sable Island C-67

D001

Well Summary

GENERAL INFORMATION

D #	
Company	Mobil et al
Location	43°56'04.90" N 59°55'01.40" W
UWI	300C674400059450
Area	Scotian Shelf
Spud Date	June 7, 1967
Well Term. Date	January 2, 1968
Drilling Rig	Bawden Rig 18
Total Depth (m)	4604
Water Depth (m)	3.9
Rotary Table (m)	8.2
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
508 mm x 171.6 m	20" x 563'
340 mm x 918.1 m	13 3/8" x 3,012'
244 mm x 3258.3 m	9 5/8" x 10,690'
193.6 mm x 4542.1 m	7 " x 14,902'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Remarks</u>
DST #1	1252.7 - 1275.8	mud	228 m recovered

		muddy water	228 m recovered
		salt water	465.4 m recovered
DST #2	2132.3 - 2141.5	water cushion	1036 m recovered
		drill mud	121.9 m recovered
		muddy water	30.4 m recovered
		salt water	632.4 m recovered
		trace gas	
DST #3	4448.2 - 4604.3	-	misrun
DST #4	4448.2 - 4604.3	gas cut mud	54.8 m recovered below pump out sub.
		gas and oil	bottom-hole sampling contained gas & 50cc of oil (39° API)

GEOLOGIC TOPS (m):

<u>Formation / Member</u>	<u>Depth (ft)</u>	<u>Depth (m)</u>
Banquereau Fm	860	262.1
Wyandot Fm	4,470	1362.4
Dawson Canyon Fm	4,670	1362.4
Petrel Mb	4905	1495.0
Logan Canyon Fm	5,248	1599.5
Marmora Mb	5,248	1599.5
Sable Mb	6,106	1861.1
Cree Mb	6,482	1975.7
Naskapi Mb	8,945	2726.4
Missisauga Fm	9,411	2868.4
(Upper)	9,411	2868.4
("O" Marker)	10,310	3142.4
(Middle)	10,340	3151.6
(Lower)	13,099	3992.5
(Approx. top OP)	14,399	4388.8

SAMPLES

<u>Core:</u>	<u>Interval (ft)</u>	<u>Recovery (ft)</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core 1	8106 - 8141	32.5	2470.7 - 2481.3	9.9
Core 2	9280 - 9309	28.0	2828.5 - 2837.3	8.5
Core 3	11053 - 11083	31.0	3368.9 - 3378.0	9.4
Core 4	13401 - 13431	30.0	4084.6 - 4093.7	9.1

<u>Sample Type</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	0 - 15106	0 - 4604.3	1,476
Unwashed Cuttings	0 - 15106	0 - 4604.3	1,499
Canned Cuttings (dried)	99 - 13558.7	30.4 - 4132.7	229
Sidewall Core	178 - 13559	54.2 - 4604.3	179

<u>Slides:</u>	<u>Interval (ft)</u>	<u># of Slides</u>	<u>Sample Source:</u>
Thin Sections	8115 - 11083	6	Core 1
Palynology Slides	1884 - 3186	5	Sidewall Core
Palynology Slides	8118.5 - 14000	64	Core
Palynology Slides	0 - 15080	274	Cuttings
Palynology Slides	178 - 14899	235	Sidewall Core
Nannofossil Slides	4260 - 5560	76	Company Cuttings
Nannofossil Slides	1 - 15080	151	Cuttings
Nannofossil Slides	892 - 12878	20	Sidewall Core
Micropaleo Slides	178 - 14 899	260	Sidewall Core

Micropaleo Slides	8118.5 - 13 431	61	Core
Micropaleo Slides	0 - 15080	232	Cuttings

REPORTS AND LOGS:

Paleontological Studies
 Biostratigraphic Log Encl. 15
 Potentiometer Continuous Dipmeter (computed), Run 1-9
 Borehole Compensated Sonic Log, Run 1
 Borehole Compensated Sonic Log, Run 2
 Borehole Compensated Sonic Log, Run 3
 Borehole Compensated Sonic Log, Run 4
 Borehole Compensated Sonic Log, Run 5
 Borehole Compensated Sonic Log, Run 6
 Borehole Compensated Sonic Log, Run 7
 Borehole Compensated Sonic Log, Run 8
 Borehole Compensated Sonic Log, Run 9
 Borehole Compensated Sonic Log, Run 10
 Borehole Compensated Sonic Log, Run 11
 Borehole Compensated Sonic Log, Run 12
 Caliper Log, Run 1
 Baroid Shale Density Log
 Induction Electrical Log, Run 1
 Induction Electrical Log, Run 2
 Induction Electrical Log, Run 3
 Induction Electrical Log, Run 4
 Induction Electrical Log, Run 5
 Induction Electrical Log, Run 6
 Induction Electrical Log, Run 7
 Induction Electrical Log, Run 8
 Induction Electrical Log, Run 9
 Induction Electrical Log, Run 10
 Induction Electrical Log, Run 11
 Induction Electrical Log, Run 12
 Induction Electrical Log, Run 13
 Microlog Caliper Log, Run 1,
 Microlog Caliper Log, Run 2
 Microlog Caliper Log, Run 2A
 Microlog Caliper Log, Run 3
 Microlog Caliper Log, Run 4
 Microlog Caliper Log, Run 5
 Microlog Caliper Log, Run 6
 Microlog Caliper Log, Run 7
 Microlog Caliper Log, Run 8
 Gamma Ray-Neutron Log, Run 1
 Gamma Ray-Neutron Log, Run 2
 Formation Tester, Test 8
 Formation Tester, Test 3,4,5,6
 Formation Tester, Test 10,11,12,13
 Formation Tester, Test 14,15
 Formation Tester, Test 18,19,20, 21
 Cement Bond Log, Run 1
 Cement Bond Log, Run 2
 Compensated Formation Density Log, Run 1
 Compensated Formation Density Log, Run 2
 Compensated Formation Density Log, Run 3
 Compensated Formation Density Log, Run 4
 Compensated Formation Density Log, Run 5

Compensated Formation Density Log, Run 6
Compensated Formation Density Log, Run 7
Bariod ppm Log
Seismic Reference Geophysical Log, Run 1-11
Velocity Survey
Sonigram Velocity Analysis, Mylar
Sonigram Velocity Analysis, Paper
Micropaleontology, Palynology & Stratigraphy Report
Micropalaeontological Analysis Encl. 8B
Micropalaeontological Analysis Encl. 8D
Micropalaeontological Analysis Encl. 8C
Micropalaeontological Analysis Encl. 8A
Geographic Location of Mobil Sable Island No 1 (Survey Plot)
OTIS Caliper Survey

Thebaud C-74

D295

Well Summary

GENERAL INFORMATION

D #	295
Company	Mobil et al
Location	43°53'05.34" N 60°11'35.62" W
UWI	300C744400060000
Area	Scotian Shelf
Spud Date	March 29, 1986
Well Term. Date	September 26, 1986
Drilling Rig	Rowan Gorilla I
Total Depth (m)	5150
Water Depth (m)	29.6
Rotary Table (m)	41.8
Well Type	Delineation
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
914 mm x 201.63 m	36" x 661.5'
473 mm x 859.32 m	18 5/8" x 2,891.3'
340 mm x 3100.85 m	13 3/8" x 10,173.4'
244 mm x 4091.27 m	9 5/8" x 13,422.8'
178 mm x 4447.03 m	7 5/8" x 14,489.9'
114 mm x 5148 m (liner)	4 1/2" x 16,889.7'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate (m³/d)</u>	<u>Remarks</u>
DST #1	5016 - 5022		misrun	
DST #2	4748 - 4761	gas	1.33 x 10 ⁶	

		condensate	29.4
DST #3	4682 - 4697	gas	741,640
		condensate	40.9
		water	36.7
DST #4	4508 - 4521	gas	871,640
		condensate	49.6
		water	15.3
DST #5	4508 - 4521	gas	1.35 x 10 ⁶
		condensate	62.2
		water	10.2
DST #6	4405 - 4421	gas	1.31 x 10 ⁶
		condensate	53.9
DST #7	4311 - 4318	gas	183,950
		condensate	8.6
DST #8	3914 - 3930	gas	950,880
		condensate	115.3
DST #9	3865 - 3888	gas	877,300
		condensate	95.1

GEOLOGIC TOPS

<u>Formation</u>	<u>Depth (m):</u>
Banquereau Fm	1260.5
Wyandot Fm	1260.5
Dawson Canyon Fm	1301.0
Petrel Mb	1421.0
Logan Canyon Fm	1519.0
Marmora Mb	1519.0
Sable Mb	1766.6
Cree Mb	1870.0
Naskapi Mb	2525.0
Missisauga Fm	2647.0
(Upper)	2647.0
("O" Marker)	2891.0
(Middle)	2944.0
(Lower)	3758.5
(Approx. top OP)	3800.0

SAMPLES

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
1	3856.63 - 3873.26	16.63
2	3874.92 - 3883.86	8.94
3	3890.52 - 3891.08	0.56
4	3891.08 - 3903.92	12.84
5	3905.10 - 3909.35	4.25
6	3909.67 - 3926.83	17.16

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	875 - 5090	790
Unwashed Cuttings	875 - 5090	776
Sidewall Core	3278.45 - 5082.00	15

Canned Cuttings (dried)	880 - 5150	389
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<u>Slides:</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source:</u>
Micropaleo Slides	630 - 5360	159	Cuttings
Micropaleo Slides	925 - 5665	119	Sidewall Core
Nannofossil Slides	1520 - 5090	123	Cuttings
Palynology Slides			Sidewall Core

Recovered Fluids

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovered</u>	<u>Recovered From</u>
DST #2, Zone 2	4748 - 4761	condensate	separator
DST #3, Zone 3	4682 - 4697	condensate	separator
DST #4, Zone 4	4508 - 4521	condensate	separator
DST #6, Zone 6	4405 - 4421	condensate	separator
DST #7, Zone 7	4311 - 4318	condensate	separator
DST #8, Zone 8	3914 - 3930	condensate	separator
DST #9, Zone 9	3865 - 3888	condensate	separator
DST# 2, Zone 2	4748 - 4761	water	separator
DST# 3, Zone 3	4682 - 4697	water	separator
DST# 5, Zone 4	4405 - 4421	water	separator
DST# 6, Zone 6	4405 - 4421	water	separator
DST# 7, Zone 7	4311 - 4318	water	separator
DST# 8, Zone 8	3914 - 3930	water	separator
DST# 9, Zone 9	3865 - 3888	water	separator

REPORTS AND LOGS:

Well History Report
Depth Derived Borehole Compensated Sonic, Run 1-7
Electromagnetic Propagation Log, Run 1 & 2
Microlog, Run 1-3
Natural Gamma Ray Spectrometry Log, Run 1 & 2
Repeat Formation Tester, Run 1
Cement Bond Variable Density Log, Run 1
Auxiliary Measurements Log, Run 1-4
Borehole Geometry Log, Run 1
Core Sample Taker Summary, Run 1 & 2
Simultaneous Compensated Neutron-Litho Density, Run 1-4
Dual-Sonic Composite Presentation, Run 1-7
Dual Induction-SFL, Run 1-7
RFT Quicklook (Field Log), Run 2
Mechanical Properties Log, Run 2
Mechanical Properties Report
Mud-Gas Log
Well History Log
Mud Log
Simultaneous Compensated Neutron-Litho Density (Reduced Mylar)
Dual Induction-SFL (Reduced Mylar)
Well History Summary (Mud Report)
Drill Stem Test Results, DST 1-9
Otis Well Test Report
Final Well Report (Mud Report)
Electrical Property Analyses
Pressure Analysis Reports-DST #1, Zone 1, Sand J1
Pressure Analysis Reports-DST #2, Zone 2, Sand H2

Pressure Analysis Reports-DST #3, Zone 3, Sand H1
Pressure Analysis Reports-DST #4, Zone 4, Sand G Lower
Pressure Analysis Reports-DST #5, Zone 4, Sand G Lower
Pressure Analysis Reports-DST #6, Zone 6, Sand F3
Pressure Analysis Reports-DST #7, Zone 7, Sand F1
Pressure Analysis Reports-DST #8, Zone 8, Sand B
Pressure Analysis Reports-DST #9, Zone 9, Sand A
Rock Mechanics Analysis
Saturation Pressure Determinations
Multi Pressure Analysis by Automated CMS-200
Hydrocarbon Liquid Analysis
Hydrocarbon Compositional Analysis
Oil & Water Analysis
Benzene-Toluene Analysis
DST #1, J-Zone
DST #2, H2-Zone
Special Core Analysis-Mississauga Formation
Core Photo's (Slabbed), Core 1-6
Core Analysis-Horizontal/Vertical/Humidity & Oven Dried
Sampling Log, DST # 1-9
Formation Testing-Technical Report, DST #2
Preliminary Core Analysis
Hydrocarbon Source Facies Analysis
Jack-Up Rig Foundation Analysis
Stratigraphic High-Resolution Dipmeter, Run 2
Stratigraphic High-Resolution Dipmeter, Run 3
Volan Composite Laminated Sand Analysis, Run 2
Special Core Analysis Study-Thebaud I-93 & Thebaud C-74
Sampling Log & Fluid Properties Log, DST # 1-9
Hydrocarbon Liquid Analysis & Gas Analysis
Vertical Seismic Profile - SAT
SAT VSP Record

Thebaud I-93

D271

Well Summary

GENERAL INFORMATION

D #	271
Company	Mobil et al
Location	43°52'44.54" N 60°13'50.94" W
UWI	300I934400060000
Area	Scotian Shelf
Spud Date	March 27, 1985
Well Term. Date	September 30, 1985
Drilling Rig	Rowan Juneau
Total Depth (m)	5166
Water Depth (m)	31
Rotary Table (m)	37
Well Status	P&A
Well Type	Delineation
Classification	gas well
Info. Release Date	Released

CASING:**Size x Depth (metric)**

914 mm x 208 m
 473 mm x 915 m
 338 mm x 3096 m
 244 mm x 4018 m
 178 mm x 4703 m

Size x Depth (imperial)

36" x 628.4'
 218 $\frac{5}{8}$ " x 3,001.9'
 13 $\frac{3}{8}$ " x 10,157.4'
 9 $\frac{5}{8}$ " x 13,182.4'
 7" x 15,429.7'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate (m³/d)</u>	<u>Remarks</u>
DST #1	4685 - 4660	-		no flow
DST #2	4614.5 - 4624.5	-		no flow
DST #3	4318 - 4344	-		misrun
DST #4	4318 - 4093	gas		TSTM, flow not stabilized
DST #5	4080 - 4093	gas	849,000 - 132,000	estimate
DST #6	3997 - 4000	gas water	12.9	TSTM
DST #7	3931 - 3933	gas	747,120	
DST #8	3912 - 3919.5	gas condensate sand	16,970 22.9	
DST #9	3711 - 3720	-		no flow, recovered W.C.

GEOLOGIC TOPS**Formation / Member****Depth (m)**

Banquereau Fm	1280.7
Wyandot Fm	1280.7
Dawson Canyon Fm	1310.0
Petrel Mb	1428.0
Logan Canyon Fm	1526.5
Marmora Mb	1526.5
Sable Mb	1771.0
Cree Mb	1870.7
Naskapi Mb	2538.5
Missisauga Fm	2651.0
(Upper)	2651.0
("O"Marker)	2906.7
(Middle)	2962.5
(Lower)	3792.5
(Approx. top OP)	3915.0

SAMPLES

<u>Core #</u>	<u>Interval (m)</u>	<u>Recovered (m)</u>
1	3065.68 - 3081.27	15.59
2	3358.29 - 3364.11	5.82
3	3914.85 - 3929.79	14.94
4	3932.22 - 3934.75	2.53
5	3935.88 - 3950.36	14.48

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
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Washed Cuttings	925 - 5165	783
Unwashed Cuttings	925 - 5165	788
Sidewall Core	3109 - 4997	37
Canned Cuttings (dried)	930 - 5160	423

<u>Slides</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source</u>
Micropaleo slides	920 - 5165	136	Cuttings
Thin Sections	3079	1	Core

Recovered Fluids

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered from</u>
DST #7, Zone 6	3931 - 3932.5	Condensate	na
DST #8, Zone 7	3912 - 3919.5	Condensate	na

REPORTS AND LOGS:

Simultaneous Compensated Neutron-Formation Density, Run 1-3
 Dual Induction-SFL, Run 1-4
 Depth Derived Borehole Compensated Sonic Log, Run 1-5
 Natural Gamma Ray Spectroscopy Log, Run 1-3
 Directional Survey, Run 1
 Production Record-Plugs & Packers (Field Log), Run 25
 Repeat Formation tester, Run 1 & 2
 High Resolution Continuous Dipmeter, Run 1-3
 Core Sample Taker Results, Run 1 & 2
 Well History Log
 Mud-Gas Log
 Well Test Report
 Drill Stem Test Results, DST 1-10
 Partial Reservoir Fluid Study, DST 7, Zone 6
 Partial Reservoir Fluid Study, DST 8, Zone 7
 Hydrocarbon Liquid Analysis
 Water & Oil Analysis
 Cuttings Sample Description
 Core Photo's (Slabbed), Core 1-6
 Core Analysis
 Pressure Profile
 Multi Pressure Analysis by Automated CMS-200
 Hydrocarbon Source Facies Analysis
 Pressure Data Report (Well Test Data Printout)
 Well Seismic Report
 Well Seismic Results (Field Log), Run 3
 Hydrocarbon Source Facies Analysis
 Jack-Up Rig Foundation Analysis
 Arrow Plot, Run 1
 Pressure Analysis Report-DST#1
 Pressure Analysis Report-DST#2
 Pressure Analysis Report-DST#3
 Pressure Analysis Report-DST#4
 Pressure Analysis Report-DST#5
 Pressure Analysis Report-DST#6
 Pressure Analysis Report-DST#7
 Pressure Analysis Report-DST#8
 Pressure Analysis Report-DST#9
 Pressure Analysis Report-DST#10
 Well Seismic Results (Field), Run 6

West Sable Exploration License Reservoir Quality Study, Offshore Nova Scotia. (Includes Thebaud C-74, Thebaud I-93, Migrant N-20, & Alma F-67)

Thebaud I-94

D172

Well Summary

GENERAL INFORMATION

D #	
Company	
Location	43°53'43.67" N 60°13'38.13" W
UWI	3001944400060000
Area	Scotian Shelf
Spud Date	February 26, 1978
Well Term. Date	July 3, 1978
Drilling Rig	Gulftide
Total Depth (m)	3,962
Water Depth (m)	28.0
Rotary Table (m)	29.9
Well Type	Delineation
Classification	Gas Well
Well Status	P&A

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
762 mm x 180.4 m	30" x 592'
508 mm x 305.4 m	20" x 1,002'
340 mm x 1130.8 m	13 3/8" x 3,710'
244 mm x 1216.1 m	9 5/8" x 3,990'
178 mm x 3768.5 m	7 " x 12,364'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate m³/d</u>	<u>Remarks</u>
DST #1	3768.8 - 3913.6	-	-	misrun
DST #2	3768.5 - 3913.6	gas condensate	387,937 64.2	

GEOLOGIC TOPS (m):

<u>Formation / Member</u>	<u>Depth ft</u>	<u>Depth (m)</u>
Banquereau Fm	4124	1256.9
Wyandot Fm	4124	1256.9
Dawson Canyon Fm	4236	1241.1
Petrel Mb	4628	1401.6
Logan Canyon Fm	4963	1512.7
Marmora Mb	4963	1512.7
Sable Mb	5775	1760.2
Cree Mb	6122	1862.9
Naskapi Mb	8261	2517.9
Missisauga Fm	8638	2632.8
(Upper)	8638	2632.8

("O"Marker)	9440	2877.3
(Middle)	9602	2926.6
(Lower)	12310	3752.1
(Approx. top OP)	12500	3810.0

SAMPLES

<u>Sample Type</u>		<u>Interval (m)</u>	<u># of Samples</u>	<u>Remarks</u>
Washed Cuttings	1030 - 13000	313.9 - 3962.4	807	Vials
Unwashed Cuttings	1030 - 13000	313.9 - 3962.4	819	Bags
Canned Cuttings (dried)	3220 - 13000	981.4 - 3962.4	233	Bags
Sidewall Core	4056 - 12,420	1236.3 - 3785.6	118	Vials

<u>Slides</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source</u>
Micropaleo Slides	1000 - 13000	304.8 - 3962.4	134	Cuttings
Micropaleo Slides	4056 - 12415	1236.2 - 1153.3	41	Sidewall Core
Palynology Slides	1000 - 10000	304.8 - 3962.4	134	Cuttings

REPORTS AND LOGS:

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Depth Determination, Run 1, 2
Depth Determination, Run 2
Directional Log (Computed), Run 1
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1
Proximity Microlog Caliper, Run 1
Temperature Log, Run 1 & 2
Simultaneous Compensated Neutron-Formation Density, Run 1 & 2
Dual Induction-Laterolog, Run 1-4
Offshore Mud History Log
Micropaleontological Summary
Report and Plan of Sub-Surface Magnetic Survey
Drilling Record
Directional Survey, Run 1
Formation Testing-Technical Report, Test 1
Formation Testing-Technical Report, Test 2
Determination of Phase Behavior of Subsurface Sample, DST # 1
Determination of Phase Behavior & Composition of Subsurface Sample, DST # 2
Flash Test of Separator Liquid, DST # 2
Seismic Velocity Survey and Velocity Log Calibration

Thebaud P-84**D085****Well Summary****GENERAL INFORMATION**

D #	85
Company	Mobil et al
Location	43°53'59.53" N 60°12'19.34" W
UWI	300P844400060000
Area	Scotian Shelf
Spud Date	July 8, 1972
Well Term. Date	October 13, 1972
Drilling Rig	Sedco H
Total Depth MD (m)	4115
Water Depth (m)	25.9
Rotary Table (m)	28.6
Well Type	Exploration
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
749 mm x 60.4 m	29 1/2" x 198'
406 mm x 234.7 m	16" x 770'
340 mm x 1130.5 m	13 3/8" x 3,709'
244 mm x 2953.7 m	9 5/8" x 9,690.7'
193.6 mm x 3855.4 m	7 5/8" x 12,649'
140 mm x 4108.4 m	5 1/2" x 13,479'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate (m³/d)</u>	<u>Remarks</u>
DST #1	2935.3 - 3002.3	gas gasified condensate emulsion fluid (1/3 condensate, 2/3 water)	300,156	63 bbls recovered 7792.5 m recovered
Prod. Test #1	4027.3 - 4034.1	no recovery		
Prod. Test #2	4027.3 - 4034.1	water		1.1 L from sampler
Prod. Test #3	4020.3 - 4034.0	recovered spent acid only		100,000 – 116,000ppm Cl
Prod. Test #4	3830.1 - 3836.6	-		misrun
Prod. Test #5	3830.1 - 3836.6	gas with condensate	597,480	
Prod. Test #6	3830.1 - 3836.6	water cushion		
Prod. Test #7	2401.6 - 3403.7	gas condensate	195,384 11	47.5 ° API

Prod. Test #8	3364.4 - 3368.0	gas gassy muddy water with slight condensate	87,781	1200 cc
Prod. Test #9	3364 - 3368	-		misrun
Prod. Test #10	3364.4 - 3368.0	gas condensate	147,246	6.6 bbls recovered 48° API
Prod. Test #11	3213 - 3216.2	gas condensate	150,068	5.7 bbls recovered 46.3° API
Prod. Test #12	3139.4 - 3145.5	water cushion mud salt water		1566.7 m 167.6 m 1171.3 m (94,000 ppm NaCl)

GEOLOGIC TOPS (m):

Formation / Member	Depth ft.	Depth (m)
Banquereau Fm	4,058 (bottom)	1236.87
Wyandot Fm	4,058	1236.87
Dawson Canyon Fm	4,213	1284.12
Petrel Mb	4,603	1402.99
Logan Canyon Fm	4,935	1504.18
Marmora Mb	4,935	1504.18
Sable Mb	5,746	1751.38
Cree Mb	6,107	1841.41
Naskapi Mb	8,236	2510.33
Missisauga Fm	8,564	2610.30
(Upper)	8,564	2610.30
("O"Marker)	9,260	2822.44
(Middle)	9,438	2876.70
(Lower)	12,218	3724.04
(Approx. top OP)	12,300	3749.04

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	304.8 - 4114.8	880	vials
Unwashed Cuttings	304.8 - 4114.8	773	bags
Sidewall Core	518.2 - 4099.5	99	vials
Canned Cuttings (dried)	1164.3 - 4108.7	226	bags

Slides

	Interval (m)	# of Slides	Sample Source
Micropaleo slides	295.6 - 4724.4	150	cuttings
Micropaleo slides	831.8 - 1376.4	6	sidewall core
Palynology slides	295.6 - 4114.8	177	cuttings
Palynology slides	798.5 - 4099.5	58	sidewall core

Fluids

Test #	Interval (m)	Recovered (m)	Recovered from
DST #1		condensate	separator
Prod. Test #10	3364.33368.0	condensate	separator
Prod. Test #11	3213.23216.2	condensate	H.P separator

REPORTS AND LOGS:

Borehole Compensated Sonic Log (Well Velocity Survey), Run 1-7
Borehole Compensated Sonic Log, Run 1-7

Casing Inspection/Electronic Casing Caliper Log, Run 2
Cement Bond Log, Run 2
Compensated Neutron Density Log, Run 1-3
Compensated Neutron Log, Run 1
Data Acquisition & Technical Analysis Log (Mud Log)
Driller's Log, Run 3
Dual Induction-Laterolog, Run 1-7
Fluid Analyses, Production Test 5
Formation Tester (Log), Tests 1-8
Formation Testing-Technical Report, Test 11, Zone 8
Formation Testing-Technical Report, Test 12, Zone 8A
Formation Testing-Technical Report, Test 4, Zone 4
Formation Testing-Technical Report, Test 5, Zone 4
Formation Testing-Technical Report, Test 6, Zone 4
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Four-Arm High Resolution Continuous Dipmeter, Run 1-4
Geochemical Evaluation
Jack-up Rig Foundation Analysis
Mud Filtrate Analyses
Oil Analysis
Paleontological Summary
Partial Reservoir Fluid Study, Production Test 10
Partial Reservoir Fluid Study, Production Test 11
Perforating Depth Control Log, Run 1
Preliminary Reservoir Fluid Study, DST 1
Reservoir Fluid Study, Test 7
Separator Gas and Liquid Study
Special Fluid Study, Test 6
Well Abandonment Program
Micropaleontology, Palynology, & Stratigraphy

Wells in or near NS18-3 Parcel 2**Chebucto K-90****D242****Well Summary****GENERAL INFORMATION**

D #	242
Company	Husky Bow Valley
Location	43°39'44.74" N 59°42'52.05" W
UWI	300K904340059300
Area	Scotian Shelf
Spud Date	January 6, 1984
Well Term. Date	August 2, 1984
Drilling Rig	Bow Drill II
Total Depth (m)	5235
Water Depth (m)	109
Rotary Table (m)	22.8
Well Status	P&A
Well Type	Exploratory
Classification	Gas Well
Info. Release Date	Released

CASING:**Casing Size x Depth (metric)**

762 mm x 396.2 m
508 mm x 922.3 m
340 mm x 3408.0 m
244 mm x 3713.4 m
178 mm x 4807.3 m

Casing Size x Depth (imperial)

30" x 1299.8'
20" x 3025.9'
13 3/8" x 11,181'
9.6" x 12,183'
7" x 15,771'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate m3/d</u>	<u>Remarks</u>
DST #1	4609 - 4621	water cushion		0.5m ³ recovered
DST #2	4287 - 4299	water cushion		0.3m ³ recovered
DST #3	4262 - 4276	gas	4019	
		water	274.7	
DST #4	422 7 - 4238	gas	416,010	
		water	226.6	
		condensate	14	
DST #5	4166 - 4177	water cushion	0.3	
DST #6	3866 - 3877	water	40	
DST #7	3798 - 3815	gas	585,810	
		water	80	
		condensate	25.3	
DST #8	3352 - 3357	misrun		
DST #8 A	3352 - 3357	gas	217,910	
		water	6.0	
		condensate	8.9	

GEOLOGIC TOPS

<u>Formation:</u>	<u>Depth (m)</u>
Banquereau Fm	In casing
Dawson Canyon Fm	1911.4
(?Unconformity)	1990.0
Logan Canyon Fm	
Marmora Mb	2025.4
Sable Mb	2482.5
Cree Mb	2642.5
Naskapi Mb	3920.0
Top Op	~4180.0
Missisauga Fm	4225.0

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	420 - 5234	906
Unwashed Cuttings	420 - 5234	903
Sidewall Core	314.8	1
Canned Cuttings	420 - 5234	903

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source:</u>
Micropaleo Slides	1750 - 5230	118	Cuttings
Micropaleo Slides	415 - 5235	162	Cuttings
Micropaleo Slides	420 - 5230	251	Company Cuttings
Palynology Slides	4278.6 - 4287.0	9	Company Core
Palynology Slides	420 - 5235	464	Company Cuttings
Palynology Slides	440 - 5234	213	Cuttings
Palynology Slides	969 - 5217	47	Company Sidewall Core

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	4278.4 - 4286.5	8.15

Fluids:

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered from</u>
DST #4, Zone 4			Stocktank
DST #7, Zone 9	1645 FT.		Stocktank
DST #7, Zone 9			Separator
DST #8A, Zone 11			High Stage Separator
DST #8A, Zone 11			High Stage Separator

REPORTS AND LOGS:

Depth Derived Borehole Compensated Sonic Log, Run 1-5
 Dual Laterolog Micro SFL, Run 1
 Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
 Directional Log (Computed), Run 1-3
 Repeat Formation Tester, Run 1 & 2
 Cement Bond-Variable Density Log, Run 1
 Dual Induction-SFL, Run 1-5
 Plan & Field Notes
 Mud-Gas Log
 Composite Geological Well Data Log
 DST Fluid Analysis
 Vertical Seismic Profile
 Well Seismic Report

GMA Stratigraphic Modeling System (Mylar Sheet)
Four-Arm High Resolution Continuous Dipmeter, Run 1-3
Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)
Dual Laterolog Micro SFL (Reduced Mylar)
Dual Induction-SFL (Reduced Mylar)
Completion Record, Run 1
Cement Evaluation Log, Run 1
Natural Gamma Ray Spectroscopy Log, Run 1 & 2
Cyberlook Field Log, Run 2
Cyberlook Field Log, Run 4
Cyberlook Field Log, Run 5
Cyberdip Field Log, Run 4
Lithology Quick-look Field Log, Run 2,
Lithology Quick-look Field Log, Run 4
Core Sample Taker Results, Run 1 & 2
Cement Volume Log, Run 1-3
Simultaneous Compensated Neutron-Litho Density, Run 1-3
Directional Survey, Run 1-3
Horizontal Plot
Plan and Field Notes
High Resolution Dipmeter Cluster Listing, Run 1
Core Analysis
Core Photo's (Slabbed), Core 1
Well Test Analysis
Well Seismic Report
Biostratigraphy Report
Summary of Age Determinations & Lithostratigraphy
Simultaneous Compensated Neutron-Litho Density (Reduced Mylar)
Bow Drill II
Four-Arm High Resolution Continuous Dipmeter Run 1-3

Intrepid L-80

D126

Well Summary

GENERAL INFORMATION

D #	126
Company	Texaco et al
Location	43°49'35.78"N 59°56'43.83"W
UWI	300L804350059450
Area	Scotian Shelf
Spud Date	May 18, 1974
Well Term. Date	August 15-1974
Drilling Rig	Sedco J
Total Depth (m)	4162
Water Depth (m)	43.6
Rotary Table (m)	31.4
Well Status	P&A
Type of Well	Exploratory
Info. Release Date	Released

CASING:

Casing Size x Depth (metric)

Casing Size x Depth (imperial)

762 mm x 126.3 m	30" x 870'
508 mm x 239.6 m	20" x 786'
340 mm x 1145.1 m	13 3/8" x 3,757'
244 mm x 2961.1m	9 5/8" x 9,715'
193.6 mm x 2345.1 - 2860m (liner)	7 5/8" x 7,694 - 13,115' (liner)

WELL TEST SUMMARY

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate / Amount</u>
DST #1	3965.4 - 3968.5	salt water (219,450 ppm NaCl) and mud	54.9 m
DST #2	3952.6 - 3956.3	gassy salt water cut drilling mud	32 m ³
DST #3	12602 - 12616	gas	46722m ³ /d
DST #4	3446.9 - 3500.6	water cushion water (av. Salinity 25,000ppm NaCl)	16404 m 12 bbls
DST #5	3383.3 - 3389.4	gas condensate salt water	120,345 m ³ /d 11.1 m ³ /d 144 m ³ /d
DST #6	3044.9 - 3054.1	water cushion and salt water (av. Salinity 52,000 ppm)	1737.3 m
DST #7	2937.4 - 2940.7	gas condensate water	129,690 m ³ /d 3.8 m ³ /d 30.4 m ³ /d
DST #8	9540 - 9552	gas condensate salt	616,622 m ³ /d 11.9 m ³ /d
DST #9	9390 - 9408	misrun	

GEOLOGIC TOPS (m):

<u>Formation:</u>	<u>Depth (m)</u>
Banquereau Fm	In casing
Wyandot Fm	4528
Dawson Canyon Fm	4952
PetrelMb	5117
Logan Canyon Fm	
Marmora Mb	5443
Sable Mb	6308
Cree Mb	6718
Naskapi Mb	9200
Missisauga Fm	
(Upper)	9630
("O"Marker)	10555
(Middle)	10565
(Intrepid Limestone)	11254
(Approx. top OP)	13009

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>	
Washed Cuttings	840 - 13650	876	Vials
Unwashed Cuttings	840 - 13650	762	Bags
Sidewall Core	3810 - 13104	132	Vials

Canned Cuttings (Dried)	3870 - 13650	272	Bags
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<u>Slides:</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source:</u>
Micropaleo Slides	840 - 16638	10	Cuttings
Micropaleo Slides	3810 - 6644	23	Sidewall Core
Palynology Slides	840 - 13630	229	Cuttings
Palynology Slides	4010 - 12850	34	Sidewall Core

REPORTS AND LOGS:

Well History Report Part 1
Well History Report Part 2
Borehole Compensated Sonic Log, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-4
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Drilling Record (Bit Penetration Rate etc.)
Dual Induction Laterolog, Run 1-4
Mud History Log
Preliminary Biostratigraphic Summary & Palynology Analysis
Completion Record
Directional Log, Run 1-3
Dew Point and Recombination Study
Velocity Log Calibration and Velocity Survey
Temperature Log, Run 1
Formation Tester, Tests 1 & 2
Calibrated Velocity Log

Marmora C-34

D070**Well Summary****GENERAL INFORMATION**

D #	70
Company	Shell
Location	43°43'13.79" N 60°05'21.93" W
UWI	300C344350060000
Area	Scotian Shelf
Spud Date	January 15, 1972
Well Term. Date	March 31, 1972
Drilling Rig	Sedneth 1
Total Depth (m)	4,038
Water Depth (m)	57.6
Rotary Table (m)	25.9
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>
406 mm x 263.9 m	16" x 866'

340 mm x 825.1 m	13 $\frac{3}{8}$ " x 2707'
244 mm x 1848.9 m	9 $\frac{5}{8}$ " x 6066'

GEOLOGIC TOPS

<u>Formation:</u>	<u>Depth ft</u>	<u>Depth (m)</u>
Banquereau Fm	4,666 (bottom)	1422.19
Wyandot Fm	4,666	1422.19
Dawson Canyon Fm	5,065	1543.81
PetrelMb	5190	1581.91
Logan Canyon Fm	5,535	1687.06
Marmora Mb	5535	1687.06
Sable Mb	6405	1952.24
Cree Mb	6958	2120.79
Naskapi Mb	9458	2882.79
Missisauga Fm	10,280	3133.34
(Upper)	10280	3133.34

SAMPLES

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	283.4 - 4035.5	796
Unwashed Cuttings	283.4 - 4035.5	796
Sidewall Core	298.7 - 3962.4	345

<u>Slides</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source</u>
Micropaleo slides	274.32 - 3962.40	137	cuttings
Micropaleo slides	298.70 - 3939.10	198	sidewall core
Palynology slides	274.32 - 4023.36	172	cuttings
Palynology slides	1953.76 - 3962.40	124	sidewall core

REPORTS AND LOGS:

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Dual Induction-Laterlog, Run 1-3
Compensated Neutron Formation Density Log, Run 1-4
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Directional Log (Computed), Run 1-4
Micropaleontology, Palynology & Geochemical Summary
Micropaleontology, Palynology & Geochemical Analysis
Micropaleontology & Palynology Summary
Induction Electrical Log, Run 1 & 2
Formation Tester, Tests 1-6
Velocity Survey 1 of 2
Velocity Survey 2 of 2
Micropaleontology, Palynology and Stratigraphy Report

Marmora P-35**D098****Well Summary****GENERAL INFORMATION**

D #	98
Company	Shell et al
Location	43°44'59.36" N 60°04'47.58" W
UWI	300P354350060000
Area	Scotian Shelf
Spud Date	March 6, 1973
Well Term. Date	April 21, 1973
Drilling Rig	Sedco H
Total Depth (m)	4093
Water Depth (m)	53.3
Rotary Table (m)	29.9
Well Status	P&A
Well Type	Exploration
Release Date	Released

CASING:**Size x Depth (metric)**

406 mm x 268.5 m
340 mm x 675.7 m
244 mm x 1944.0 m

Size x Depth (imperial)

16" x 881'
13 3/8" x 2,217'
9 5/8" x 6,378'

GEOLOGIC TOPS**Formation / Member****Depth ft****Depth (m)**

Banquereau Fm	4510 (bottom)	1374.64
Wyandot Fm	4510	1374.64
Dawson Canyon Fm	4944	1522.17
Petrel Mb	5068	1544.72
Logan Canyon Fm	5380	1639.82
Marmora Mb	5380	1639.82
Sable Mb	6185	1885.18
Cree Mb	6707	2044.29
Naskapi Mb	9045	2756.91
Missisauga Fm	9853	3003.19
(Upper)	9853	3003.19

SAMPLES**Core:****Interval (m)****Recovered (m)**

#1	3007.10 - 3025.14	13.41
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Sample Type:**Interval (m)****# of Samples**

Washed Cuttings	911.3 - 4090.4	787
Unwashed Cuttings	911.3 - 4090.4	787
Sidewall Core	286.2 - 4055.4	215

Slides:**Interval (m)****# of Slides****Sample Source:**

Micropaleo Slides	697.9 - 4090.4	142	Cuttings
Micropaleo Slides	2336.9 - 3608.8	11	Sidewall Core
Palynology Slides	402.3 - 4055.4	76	Sidewall Core

REPORTS AND LOGS:

Well History Report
Borehole Compensated Sonic Log, Run 1-5
Simultaneous Compensated Neutron Formation Density Log, Run 1-3
4-Arm High Resolution Continuous Dipmeter, Run 1-4
Well History Log (Drilling Rate, Mud Gas Analysis etc.)
Geochemical Summary & Source Rock Analysis
Velocity Survey
Directional Log, Run 1-4
Formation Tester, Tests 1-3
Caliper Log, Run 1 & 2
Dual Induction Laterolog, Run 1-5

North Triumph 1 P-42**D361**

Well Summary**GENERAL INFORMATION**

D #	361
Company	Sable Offshore Energy
Location	43°41'58'.31" N
UWI	59°51'18.86" W
Area	300P424350059450
Spud Date	October 9, 1999
Well Term. Date	December 4, 1999
Drilling Rig	Galaxy II
Total Depth(m)	3805
Water Depth (m)	75.4
Rotary Table (m)	54.7
Well Status	Production
Type of Well	Development
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
762 mm x 257 m	30" x 843.2'
340 mm x 904.2 m	13 3/8" x 2,966.5'
245 mm x 3799.1 m	9 5/8" x 12,464.2'

FLUID TESTS

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate / Amount</u>
DST #1	3719 - 3787	gas	1530 e ³ m ³ /d
		condensate	37 m ³ /d
		water	13 m ³ /d

GEOLOGIC TOPS (m):

<u>Formation</u>	<u>Depth (m Md)</u>	<u>Depth (m Tvd)</u>
Banquereau Fm	484.8	484.8
(Eocene Chalk)	1432.0	1411.5
Wyandot Fm	1670.0	1648.6
Dawson Canyon Fm	1800.0	1773.6
Logan Canyon Fm	1925.0	1894.1
Sable Mb	2287.0	2244.4
Naskapi Mb	3550.0	3491.0
Missisauga Fm	3718.0	3658.6
("A" Sand)	3718.0	3658.6

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	920 - 3805	303
Unwashed Cuttings	920 - 3805	303

Recovered Fluids:

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered From</u>
1	3719 - 3787	Condensate	Sep. oil sightglass

REPORTS AND LOGS:

Well History Report
 Perforating Record, Final Print, Run 3A
 Reservoir Saturation Tool-GR-CCL Log, Run 2A
 Lithology Density Compensated Neutron, Run 1B
 Array Induction-GR , Final Print Run 1A
 Dipole Shear Sonic Imager (TVD)
 6 Arms Caliper-GR, Final Print Run 1A
 Sub-Surface Pressure Report Pool: North Triumph A-1
 Onsite Surface Sampling & Analysis Report
 Compensated Neutron Lithology Density (TVD)
 Array Induction-GR (TVD)
 ASI-VSP Monitor Log, Run 1
 Reservoir Saturation Tool GR-CCL (TVD)
 Sample Log
 Formation Evaluation Log
 Drilling Data Log
 Surface, MWD and PWD Data Log
 Pressure Evaluation Log
 Electromagnetic Wave Resistivity, Dual Gamma Ray (MD) Log, Runs 3,4,5, &7
 Well Testing Report
 Well Test Report Sand A Section
 Dipole Shear Sonic Imager
 Array Induction-GR, Run 1A
 Reservoir Saturation Tool GR-CCL Log, Run 2A
 Lithology Density Compensated Neutron, Run 1B
 6-Arm Caliper-GR, Run 1A
 Perforating Record, Run 3A
 Multirate Production Log, Run 1
 Junk Basket-GR Log
 Well Seismic Report
 Well Seismic Report Log
 VSP Z-Axis Processing Steps

North Triumph 2 P-42**D363****WELL SUMMARY****GENERAL INFORMATION**

D #	363
Company	Sable Offshore Energy
Location	43°41'58.18" N 59°51'18.98" W
UWI	302P424350095450
Area	Scotian Shelf
Spud Date	May 20, 2000
Well Term. Date	-
Rig Release Date	July 5, 2000
Drilling Rig	Rowan Gorilla II
Total Depth(m)	3937
Water Depth (m)	75.5
Rotary Table (m)	45.1
Well Status	Production
Type of Well	Development
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
962 mm x 295 m	30" x 967.8'
340 mm x 907.6 m	13 3/8" x 2,977.7"
245 mm x 3937.3 m	9 5/8" x 12,917.6'

FLUID TESTS

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate m³/d/Amount</u>	<u>Remarks</u>
DST #1	3838.57 - 3920.5	gas condensate	1,657,750 27	averaged averaged

GEOLOGIC TOPS (m):

<u>Formation</u>	<u>Depth (MD)</u>	<u>Depth (TVD)</u>
Banquereau Fm	Base 1426	Base 1404
(Eocene Chalk)	1407	1426
Wyandot Fm	1663	1627
Dawson Canyon Fm	1798	1752
Logan Canyon Fm	1920	1866
Sable Shale Mb	2211	2286
Naskapi Mb	3446	3588
Missisauga Fm	3844	3696
(A" Sand)	3696	3844

SAMPLES

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	3600.0 - 3937.3	69

Fluids:

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered from</u>
DST #1 Sand "A"	3848.5 - 3920.5	condensate	separator

REPORTS AND LOGS:

End of Well Report
 Phasor Induction, Run 1
 Sonic Log, P&S Sonic Data, Run 1
 Cement Volume 6-Arm Caliper Log, Run 1
 Lithology Density Compensated Neutron, Run 1
 Modular Dynamic Formation Tester (PS-PS-HY-PC), Run 1
 Dipole Shear Sonic Imager (MD)
 Multirate Production Log, Run 1
 Dual Gamma Ray MD
 Dual Gamma Ray TVD
 Well Testing Report
 Sub-surface Pressure Report- Pool North Triumph A-1
 Well Test Report – Sand A Section
 Reservoir and Separator Fluid Compositions
 Onsite Surface Sampling and Analysis Report
 Pressure Evaluation Log
 Drilling Data Log
 Formation Evaluation Log
 Sample Log
 DDS Depth Log MWD Run 300
 DDS Depth Log MWD Run 400
 DDS Depth Log MWD Run 500

North Triumph B-52

D289

WELL SUMMARY

GENERAL INFORMATION

D #	289
Company	Shell /PCI et al
Location	43°41'02.38' N 59°52'56.87" W
UWI	300B524350059450
Area	Scotian Shelf
Spud Date	January 24, 1986
Well Term. Date	March 29, 1986
Total Depth (m)	12992
Water Depth (m)	81
Rotary Table (m)	24
Well Status	P&A
Type of Well	Delineation
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
762 mm x 155 m	30" x 482.2'
340 mm x 599 m	13 3/8" x 508.5'

244 mm x 2225 m	9 5/8" x 7,299.8'
178 mm x 3940 m	7" x 12,926.5'

FLUID TESTS

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate / Amount</u>
DST #1	3810 - 3822	mud and water (on reverse circulation) formation water	10.5 bbls 15 bbls
DST #2	3795 - 3800	gas mud and water (on reverse circulation) formation water	TSTM 219 bbls 54 bbls
DST #3	3771 - 3777	misrun	
DST #4	3771 - 3777	gas (average) condensate (average) water (chlorides 1,400ppm)	27.6 MMCF/D 117 bbls/d 32 bbls/d

GEOLOGIC TOPS (m):

<u>Formation</u>	<u>Depth (m)</u>
Banquereau Fm	base 1657
Wyandot Fm	1657.3
Dawson Canyon Fm	1780.6
Petrel Mb	1842.0
Logan Canyon Fm	
Marmora Mb	1878.3
Sable Mb	2409.4
Cree Mb	2555.6
Naskapi Mb	3406.6
Missisauga Fm	3756.5

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Remarks</u>
Washed Cuttings	630 - 3690	475	
Unwashed Cuttings	630 - 3690	475	
Canned Cuttings (dried)	630 - 3890	282	

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source</u>
Micropaleo Slides	625 - 3760	126	Cuttings
Micropaleo Slides	3773 - 3798	2	Core

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	3771.0 - 3798.0	26.4
Core #2	3798.0 - 3810.5	12.5
Core #3	3810.5 - 3822.0	10.72

Fluids

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered from</u>
DST #4, Zone 2	3771 - 3777	Condensate	separator

REPORTS AND LOGS:

Well History Report
High Resolution Dipmeter, Run 1 & 2
Repeat Formation Tester, Run 1
Core Results, Run 1
Simultaneous Compensated Neutron-Litho Density, Run 1 & 2
Dual Induction, Run 1 & 2
Depth Derived Borehole Compensated Sonic, Run 1 & 2
Composite Log, Run 1 & 2
Directional Survey, Run 1
Arrow Plot, Run 1
Cement Volume Log, Run 1 & 2
Offshore Technical Log
Drilling Record
Gamma-ray Log
Dual Induction (Reduced Mylar)
Well Seismic Results (Field Print), Run 2
Well Seismic Results, Run 1
Gas Log
Well History Summary (Mud Report)
Test Results-Gas Testing 1986
Core Photo's (Slabbed), Core 1-3
Special Core Analysis
DST # 3, & 4
Well Seismic Report
DST # 1 & 2
Pressure Analysis Report: DST #1, Zone 1
Pressure Analysis Report: DST #2, Zone 1A
Pressure Analysis Report: DST #3, Zone 2
Pressure Analysis Report: DST #4, Zone 2 (Part 1)
Pressure Analysis Report: DST #4, Zone 2 (Part 2)
GMA Stratigraphic Modeling System (Mylar)
Drilling Mud Services (Recap)
Core Analysis

North Triumph G-43

D281

Well Summary

GENERAL INFORMATION

D #	281
Company	Shell/PCI et al
Location	43°42'19.06" N 59°51'23.02" W
UWI	300G434350059450
Area	Scotian Shelf
Spud Date	September 26, 1985
Well Term. Date	January 31, 1986
Drilling Rig	Sedco 709
Total Depth(m)	4504
Water Depth (m)	73.6
Rotary Table (m)	24.0

Well Type	Exploration
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
914 mm x 147 m	36" x 482.2'
340 mm x 561 m	13 3/8" x 1,840.5'
244 mm x 3363 m	9 5/8" x 11,033.4'
178 mm x 3926 m	7" x 12,288.05'
914 mm x 147 m	36" x 482.2'

FLUID TESTS

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate</u>	<u>Remarks</u>
DST #1	3835 - 3846	gas condensate	996,169 m ³ /d 28.1 m ³ /d	
DST #2	3795 - 3809	gas condensate	1.04x10 ⁶ m ³ /d 31.3 m ³ /d	

GEOLOGIC TOPS (m):

<u>Formation / Member</u>	<u>Depth m</u>
Banquereau Fm	1628 (bottom)
Wyandot Fm	1628.0
Dawson Canyon Fm	1708.2
Petrel Mb	1825.0 - 1826.0
Logan Canyon Fm	
Marmora Mb	1861.6
Sable Mb	2386.9
Cree Mb	2524.0
Naskapi Mb	3490.0
Missisauga Fm	3777.8
(Approx. Top OP)	4312.0

SAMPLES

<u>SAMPLE TYPE</u>	<u>Interval (m)</u>	<u># of Samples</u>	
Washed Cuttings	590 - 4505	748	vials
Unwashed Cuttings	590 - 4505	752	bags
Sidewall Core	724 - 4500	268	vials
Canned Cuttings (dried)	590 - 4920	434	bags

Slides

			<u>Sample Source</u>
Micropaleo slides	585.0 - 4 920.0	145	cuttings
Palynology slides	724.0 - 4264.9	126	co. sidewall core
Palynology slides	4106.0 - 4500.0	12	co. sidewall core

Core:

		<u>Recovery (m)</u>
Core #1	3266.0 - 3284.8	18.78
Core #2	3284.8 - 3303.1	18.33
Core #3	3803.3 - 3826.0	20.25
Core #4	3826.0 - 3851.0	25.00
Core #5	4017.0 - 4044.0	27.00
Core #6	4044.0 - 4063.0	18.36
Core #7	4396.6 - 4424.4	-

Fluids:

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered from</u>
DST #1, zone 1	3855 - 3846	condensate	separator
DST #2, zone 2	3795 - 3809	condensate	separator
DST #1, zone 1	3835 - 3846	water	separator
DST #2, zone 2	3795 - 3809	water	separator

REPORTS AND LOGS:

Well History Report
Lithologic Description
Four-Arm High Resolution Continuous Dipmeter, Run 1 & 2
Offshore Technical Log
Completion Record, Run 1
Composite Log, Run 1 & 2
Core Sample Results, Run 1-3
Free Point Indicator Results, Run 1
Cement Volume Log, Run 1 & 2
Deviated Compensated Neutron-Litho Density, Run 1-4
True Vertical Depth-Dual Induction Log, Run 1-3
True Vertical Depth Compensated Neutron-Litho Density, Run 1-3
Dual Spacing Thermal Decay Time Log, Run 1
Repeat Formation Tester, Run 1-4
Arrow Plot, Run 1
Back Off Results, Run 1
Deviated Dual Induction Log, Run 1-4
Deviated Depth Derived Borehole Compensated Sonic, Run 1-3
True Vertical Depth Derived Borehole Compensated Sonic, Run 1-3
Mechanical Properties Log-Sand Strength Analysis, Run 3
True Vertical Depth-Dual Induction Log (Reduced Mylar)
Deviated Depth Derived Borehole Compensated Sonic (Reduced Mylar)
DST # 1
DST # 2
Well History Summary (Mud Report)
Test Results-Gas Testing 1986
Technifluids Well Summary Revised (Mud Report)
Vessel Response Plot
Mechanical Properties Log Computation
Drilling Record
Preliminary Core Analysis 1 of 2
Preliminary Core Analysis 2 of 2
Well Seismic Report
Well Seismic Results, Run 1 & 2
Palynological, Micropaleontological, and Geochemical Summaries
Well Seismic Results (Field Log), Run 1
Well Seismic Results (Field Log), Run 4
Core Photo's (Slabbed), Core 1-4
Core Photo's (Slabbed), Core 5 & 6
Core Photo's (Slabbed), Core 7
Core Analysis 1 of 2
Core Analysis 2 of 2

Olympia A-12**D213****WELL SUMMARY****GENERAL INFORMATION**

D #	213
Company	Mobil-Pex-Tex
Location	44°01'03.27" N 59°46'44.09" W
UWI	300A524050060300
Area	Scotian Shelf
Spud Date	April 23, 1982
Well Term. Date	January 10, 1983
Drilling Rig	Zapata Scotian
Total Depth (m)	6064
Water Depth (m)	40
Rotary Table (m)	38
Well Type	Exploration
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:**Size x Depth (metric)**

914 mm x 191 m
610 mm x 507 m
473 mm x 1511 m
340 mm x 3006 m
244 mm x 4744 m
178 mm x 5892 m (liner)

Size x Depth (imperial)

30" x 626.6'
20" x 1,663.3'
13 3/8" x 4,957.3'
9 5/8" x 9,862.2'
7 5/8" x 15,564.3'
7" x 19,330.7'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate</u>	<u>Remarks</u>
DST #1	5694 - 5704	misrun	-	misrun
DST #2	5694 - 5704	oil gas	889.5 m ³ /d 5745 m ³ /d	
DST #3	5199 - 5210		-	no recovery
DST #4	5175 - 5182		-	no recovery
DST #5	4664 - 4678	gas condensate	425 x 10 ³ m ³ /d 75 m ³ /d	
DST #6	4640 - 4648	gas condensate water	414 x 10 ³ m ³ /d 6.1 m ³ /d 66.8 m ³ /d	
DST #7	4622 - 4633	gas condensate water	496 x 10 ³ m ³ /d 16.9 m ³ /d 1.0 m ³ /d	
DST #8	4525 - 4538	gas condensate water	255 x 10 ³ m ³ /d 36.2 m ³ /d 1.0 m ³ /d	

DST #9	4450 - 4462	gas	482 x 10 ³ m ³ /d
		water	140.0 m ³ /d

GEOLOGIC TOPS :

<u>Formation / Member</u>	<u>Depth (m)</u>
Banquereau Fm	1312 (bottom)
Wyandot Fm	1312.2
Dawson Canyon Fm	1442.5
Petrel Mb	1526.0
Logan Canyon Fm	1665.5
Marmora Mb	1665.5
Sable Mb	1884.5
Cree Mb	1990.5
Naskapi Mb	2760.5
Missisauga Fm	2888.5
(Upper)	2888.5
("O" Marker)	3160.0
(Middle)	3190.0
(Lower)	3995.0
(Approx. top OP)	4420.0

REPORTS AND LOGS:

Well History Report
Well Test Interpretation Report, DST # 5
Well Test Interpretation Report, DST # 6
Well Test Interpretation Report, DST # 7
Well Test Interpretation Report, DST # 8
Well Test Interpretation Report, DST # 9
Computerized Technical Data Analysis, DST #2
Computerized Technical Data Analysis, DST #4
Directional Survey, Run 1
Directional Survey, Run 2
Directional Survey, Run 3
Drilling Record
Mud-Gas Log
Well History Log
Borehole Geometry Log, Run 1-7
Stuck Point Indicator and Backoff Results (Field Print), Run 7
Simultaneous Compensated Neutron Formation Density, Run 1-5
Repeat Formation Tester, Run 1 & 2
Dual Induction-SFL, Run 1-5
Dual Laterolog Micro SFL, Run 1 & 2
Cement Bond-Variable Density Log, Run 1
Four-Arm Caliper Log, Run 1
Temperature Log, Run 1
Caliper-Collar Locator Log (Field Print), Run 12
Directional Log (Computed), Run 1-4
Completion Record, Zone 1
Completion Record, Zone 2
Completion Record, Zone 3
Completion Record, Zone 4
Completion Record, Zone 5
Completion Record, Zone 5A
Completion Record, Zone 6
Completion Record, Zone 7
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4

Depth Derived Long Spacing Sonic Log, Run 1-8
 Dual Laterolog (Reduced Mylar) too small for barcode
 Well Seismic Report
 Technical Report-Subsurface Pressure Survey, DST # 1
 Computerized Technical Data Analysis, DST # 3
 Hydrocarbon Liquid Analysis and Gas Analysis
 Well Test Report, DST # 1-9
 Biostratigraphy and Paleoecology Report
 Hydrocarbon Source Facies Analysis
 DST # 5-9
 DST # 1-4

SAMPLES

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	520 - 6060	916
Unwashed Cuttings	520 - 6060	958
Canned Cuttings	520 - 6060	470
Sidewall Core	3090 - 6043	53

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Source</u>
Micropaleo Slides	520 - 6060	139	Cuttings

Onondaga B-84

D373

WELL SUMMARY

GENERAL INFORMATION

D #	373
Company	Shell Canada
Location	43°43'08.92" N 60°12'41.51" W
UWI	300B844350060000
Area	Scotian Shelf
Spud Date	November 17, 2001
Well Term. Date	May 12, 2002
Drilling Rig	Galaxy II
Total Depth MD (m)	5019
Water Depth (m)	59.7
Rotary Table (m)	45.7
Well Type	Exploration
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
762 mm x 301 m	30" x 987'
508 mm x 605 m	20" x 1,984.9'
346 mm x 2634 m	13 5/8" x 8,641.7'
<u>Sidetrack (3890 m)</u>	<u>Sidetrack (12,762.4')</u>
273 x 251 mm x 4135 m	10 3/4" x 9 7/8" x 13,566.2'
4466 m TD original hole	14,652' (TD original hole)
177.8 mm x 4466 m (liner)	7" x 14,652.2' (liner)

GEOLOGIC TOPS (m):

<u>Formation/ Member</u>	<u>Depth (m)</u>
Banquereau Fm	280.0
Wyandot Fm	1372.0
Dawson Canyon Fm	1457.0
Petrel Mb	1491.0
Logan Canyon Fm	1531.0
Logan Canyon Fm (upper)	1531.0
Sable Shale Mb	1761.0
Logan Canyon Fm (lower)	1898.0
(Naskapi Shale)	2594.0
Missisauga Fm	2768.5
(C10 Shale)	3085.0
(C10 Sand)	3234.0
(C7 Shale – O Marker)	3287.0
(C7 Sand)	3505.0
(C6 Shale)	3622.0
(C6 Sand)	3802.0
(Top of Overpressure)	4011.0
(C5 Shale)	4086.0
(C 5.7 Seismic Marker)	4259.0
(C 5.6 Seismic Marker)	4398.0
(C 5.4 Shale)	4496.0
(C 5.5 Seismic Marker)	4568.0
(C 5.4 Seismic Marker)	4655.0
(C 5.3 Seismic Marker)	4856.0
(C 5.2 Seismic Marker)	4970.0

REPORTS AND LOGS:

End of Well Report
Geological Report -
 (Deviation Survey, Bit Record, Daily Drilling Chronology, Gas/MDT Data and Sidewall Core Report)
Dipole Shear Sonic Coherence Plots, Final Print Run 4
EMS 6-Arm Caliper Cement Volume Log, Final Print Run 1
Compensated Neutron Lithology Density, Final Print Run 2
6-Arm Caliper Log, Final Print Run 2
Dipole Shear Sonic Coherence Plots, Run 2
Modular Dynamics Formation Tester, Final Print Run 2
Oil Base Dipmeter, Final Print Run 4
Dipole Shear Sonic Compressional & Shear Data, Final Print Run 1
Dipole Shear Sonic Compressional & Shear Data, Final Print Run 2
Modular Dynamics Formation Tester PS-PS-HY-PO-LFA-SC-SC-MS-PC, Final Print Run 4
Compensated Neutron Lithology Density, Final Print Run 4
Pipe Recovery Services, Final Print Run 1
ARC Blended Attenuation 311mm Section Composite Log MD, Final Print Run 1
Modular Formation Dynamic Tester, Final Print Run 1
Fluid Compositional Analysis Appendix M
CSI Seismic Checkshots, Final Print Run 4
Vision Impulse ARC Resistivity 152mm Section Composite Log MD, Final Print Runs 23-26
Vision Services-ARC 406mm Section Composite Log, Final Print Runs 3-4
Vision Services-ISONIC 406mm section Composite Log, Final Print Run 3-4
Vision Services ISONIC 216mm Section Composite Log MD, Final Print Run 18-22
Vision ARC Blended Phase 216mm Section Composite Log MD, Final Print Run 18-22
Vision ARC Blended Attenuation 216mm Section Composite Log MD, Final Print Run 18-22
Vision Services-ISONIC 311mm Section Composite Log MD, Final Print Run 6-16
ARC Blended Phase 311mm Section Composite Log MD, Final Print Run 6-16

Oil Base Micro Imager, Final Print Run 1
 Multifinger Caliper, Final Print Run 2
 Array Induction, Final Print Run 2
 Dipole Shear Sonic P&S and Lower Dipole Data, Final Print Run 4
 Mechanical Sidewall Coring Tool, Final Print Run 4
 Compensated Neutron Lithology Density, Final Print Run 1
 Array Induction, Final Print Run 1
 Mechanical Sidewall Coring Tool, Final Print Run 1
 Dipole Shear Sonic Coherence Plots, Final Print Run 1
 Vision Azimuthal Density Neutron 152mm Section Composite Log MD Final Print
 Surface, MWD and PWD Data Log Scale: 1:1200 Interval 300m-4300m
 Surface, MWD and PWD Data Log Bypass #1 Scale: 1:1200 Interval 3900m-5000m
 Pressure Data Log Scale: 1:3000 Interval 3700m-4700
 Pressure Data Log Bypass #1 Scale: 1:3000 Interval 400m-4000m
 Formation Evaluation Log Scale: 1:600 Interval 300m-4300m
 Formation Evaluation Log Bypass #1 Scale: 1:600 Interval 3900m-5000m
 Drilling Data Log Bypass #1 Scale: 1:1200 Interval 3900m-5000m
 Drilling Data Log Scale: 1:1200 Interval 300m-4300m
 Final Well Report (Mud Report)
 Pressure Evaluation Log Bypass #1 Scale 1:3000 Interval 400m-4600m
 Drilling Data Log Bypass #1 Scale 1:1200 Interval 300m-5020m
 Formation Evaluation Log Bypass #1 Scale 1:600 Interval 300m-5020m
 Surface, MWD, and PWD Data Log Bypass #1 Scale 1:1200 Interval 300m-5020m
 Biostratigraphic Report
 Geological Strip Log

SAMPLES

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	2645 - 5020	476 Vials
Unwashed Cuttings	2648 - 5020	476 Bags

Onondaga B-96

D158

WELL SUMMARY

GENERAL INFORMATION

D #	158
Company	Shell
Location	43°45'08.21" N 60°14'09.76" W
UWI	300B964350060000
Area	Scotian Shelf
Spud Date	January 12, 1976
Well Term. Date	March 21, 1976
Drilling Rig	Sedco H
Total Depth (m)	3758
Water Depth (m)	60.4
Rotary Table (m)	29.9
Well Type	Delineation
Well Status	P&A
Info. Release Date	Released

CASING:**Size x Depth (metric)**

406.4 mm x 277m

340 mm x 727 m

244 mm x 1603 m

Size x Depth (imperial)

16" x 909'

13 3/8" x 2,385'

9 5/8" x 5,261'

WELL TEST SUMMARY**Type /Test #****Depth (m)****Recovery****Remarks**

RFT #1

2767.5

Fluid filled both chambers, recovered fluids were not formation waters

RFT #2

3382

mud and
filtrate

72 cc recovered

RFT #3

3325

filtrate
salt water**GEOLOGIC TOPS :****Formation / Member****Depth ft****Depth (m)**

Banquereau Fm

4,294 (bottom)

(1308.8)

Wyandot Fm

4,292

(1308.8)

Dawson Canyon Fm

4,666

(1422.19)

Petrel Mb

4,875

(1485.90)

Logan Canyon Fm

5,237

(1596.23)

Marmora Mb

5,237

(1596.23)

Sable Mb

5,898

(1797.71)

Cree Mb

6,482

(1975.71)

Naskapi Mb

8,100

(2468.88)

Missisauga Fm

8,685

(2634.99)

(Upper)

8,685

(2634.99)

("O"Marker)

10,287

(3135.47)

(Middle) ?

10,471

(3191.56)

(Approx. top OP)

12,300

(3749.04)

REPORTS AND LOGS:

Well History Report

Borehole Compensated Sonic Log, Run 1-4

Borehole Compensated Sonic Log, Field Print Run 4

Biostratigraphy Summary & Geochemical Interpretation

4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4

Dual Induction Laterolog, Run 1-4

Simultaneous Compensated Neutron Formation Density, Run 1-3

Caliper Log, Run 1

Master Log (Gas in Cuttings, Drilling Rate etc.)

Dual Induction Laterolog (Field Print), Run 4

Dipmeter Cluster Calculation Listing

Time/Velocity Graph

Weather and Vessel Performance Summary (January)

Weather and Vessel Performance Summary (March)

Weather and Vessel Performance Summary (February)

Sonic Log, Run 1 & 2
Repeat Formation Tester, Run 1-3
Repeat Formation Tester (Field Print), Run 3
Checkshot Survey
Summary Log
Core Photos

SAMPLES

<u>Sample Type</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	950 - 12300	289 - 3749	779
Unwashed Cuttings	950 - 12300	289 - 3749	764
Canned Cuttings (dried)	950 - 12290	289 - 3746	380
Sidewall Core	2454 - 11210	748 - 3417	72

<u>Core:</u>	<u>Interval (ft)</u>	<u>Recovery (ft)</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
#1	9120 - 9150	30.0	2779.7 - 2788.9	9.1
#2	9315 - 9345	23.9	2839.2 - 2848.3	7.3

<u>Slides:</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Slides</u>
Micropaleo Slides	950 - 12300	289.5 - 3749.0	116
Palynology Slides	2454 - 11210	7481.0 - 3416.8	57
Palynology Slides	9320	2840.7	1

Onondaga E-84

D002**WELL SUMMARY****GENERAL INFORMATION**

D #	2
Location	43°43'16.13" N 60°13'17.18" W
Company	Shell
UWI	300E844350060000
Area	Scotian Shelf
Spud Date	September 1, 1969
Well Term. Date	November 11, 1969
Drilling Rig	Sedneth 1
Water Depth (m)	57.9
Rotary Table (m)	25.9
Total Depth MD (m)	3988
Well Type	Exploration
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Casing Size x Depth (metric)</u>	<u>Casing Size x Depth (imperial)</u>
508 mm x 250 m	20" x 820'

340 mm x 748 m 13 $\frac{3}{8}$ " x 2455'
 244 mm x 2460 m 9 $\frac{5}{8}$ " x 8074'

GEOLOGIC TOPS :

<u>Formation / Member</u>	<u>Depth ft</u>	<u>Depth (m)</u>
Banquereau Fm	4,428 (bottom)	1349.6
Wyandot Fm	4,428	1349.0
Dawson Canyon Fm	4,657	1419.4
Petrel Mb	4788	1459.3
Logan Canyon Fm	5,105	1566.0
Marmora Mb	5105	1566.0
Sable Mb	5786	1763.5
Cree Mb	6303	1921.2
Naskapi Mb	8210	2502.4
Missisauga Fm	8,863	2701.4
Argo Fm	12,991	3959.6

REPORTS AND LOGS:

Biostratigraphic Log
 Biostratigraphy of Shell Onondaga E-84
 Biostratigraphy Report
 Borehole Compensated Sonic Log, Run 1-3
 Compensated Formation Density Log, Run 1-3
 Directional Log (Computed), Run 1-3
 Dual Induction-Laterlog, Run 1-4
 Formation Tester, Test 1
 Geochemical Evaluation (x-ref. 8623-R5-1P)
 Microlog Caliper, Run 1-3
 Micropaleontological/Palynological Report
 Micropaleontological/Palynological/Source Rock Analysis Report
 Micropaleontology, Palynology, & Stratigraphy (x-ref. 8639-C20-1E)
 Sidewall Neutron Porosity Log, Run 1
 Three Arm Focused Continuous Dipmeter, Run 1-3
 Velocity Survey (3 pieces)

SAMPLES

<u>Sample Type</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Samples</u>	
Washed Cuttings	875 - 11070	266.7 - 3983.7	903	Vials
Unwashed Cuttings	875 - 11560	266.7 - 3983.7	903	Bags
Sidewall Core	948 - 13072	289 - 3984.3	239	Vials

<u>Slides</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u>Amount</u>	<u>Sample Source</u>
Micropaleo Slides	875 - 13060	266.7 - 3980.6	350	Cuttings
Micropaleo Slides	1618 - 12970	493.2 - 3953.2	196	Sidewall Core
Nannofossil Slides	875 - 13000	266.7 - 396.2	73	Company Cuttings
Nannofossil Slides	875 - 13070	266.7 - 3983.7	136	Cuttings
Nannofossil Slides	2230 - 12399	679.7 - 3760.9	46	Sidewall Core
Palynology Slides	875 - 13080	266.7 - 3983.7	178	Cuttings
Palynology Slides	1618 - 13072	493.1 - 3984.3	152	Sidewall Core

Onondaga F-75**D033****WELL SUMMARY****GENERAL INFORMATION**

D #	33
Company	Shell
Location	43°44'17.84" N 60°11'36.25" W
UWI	300F754350060000
Area	Scotian Shelf
Spud Date	July 28, 1971
Well Term. Date	September 7, 1971
Drilling Rig	Sedco H
Total Depth MD (m)	3891
Water Depth (m)	56.4
Rotary Table (m)	31.4
Well Type	Delineation
Classification	Dry
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
406 mm x 277.4 m	16" x 910'
298.5 mm x 877.5 m	11 3/4" x 2879'
244 mm x 1889.7 m	9 5/8" x 6200'

GEOLOGIC TOPS

<u>Formation / Member</u>	<u>Depth (ft)</u>	<u>Depth (m)</u>
Banquereau Fm	4,390 (bottom)	1338.0
Wyandot Fm	4,390	1338.0
Dawson Canyon Fm	4,750	1447.8
Petrel Mb	4,890	1490.4
Logan Canyon Fm	5,220	1591.1
Marmora Mb	5,220	1591.1
Sable Mb	5,985	1824.2
Cree Mb	6,515	1985.7
Naskapi Mb	8,836	2693.2
Missisauga Fm	9,756	2973.6
(Upper)	9,756	2973.6
(Middle)	10,522	3207.1

REPORTS AND LOGS:

Well History Report
 Borehole Compensated Sonic Log, Run 1-4
 Compensated Formation Density Log, Run 1-3
 4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
 Dual Induction-Laterolog, Run 1-4
 Micropaleontological/Paleontological/Source Rock Analysis
 Directional Log (Computed), Run 1-4
 Velocity Survey
 Micropaleontological & Palynological Analysis

Micropaleontology , Palynology and Stratigraphy Report

SAMPLES

<u>Sample Type</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Samples</u>	
Washed Cuttings	970 - 12500	295.6 - 3890.7	846	Vials
Unwashed Cuttings	970 - 12500	295.6 - 3890.7	846	Bags
Sidewall Core	1050 - 12755	320.1 - 3887.7	218	Vials

<u>Slides</u>	<u>Interval (ft)</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Source</u>
Micropaleo Slides	940 - 12765	295.6 - 3890.7	123	Cuttings
Micropaleo Slides	1050 - 12700	320.0 - 3871.0	120	Sidewall Core
Palynology Slides	1050 - 12700	320.0 - 3871.0	200	Sidewall Core

Onondaga O-95**D022****WELL SUMMARY****GENERAL INFORMATION**

D #	22
Company	Shell
Location	43°44'48.10" N 60°13'52.60" W
UWI	300O954350060000
Area	Scotian Shelf
Spud Date	July 9, 1970
Well Term. Date	August 16, 1970
Drilling Rig	Sedco H
Total Depth (m)	3314
Water Depth (m)	53.9
Rotary Table (m)	31.4
Well Type	Delineation
Classification	Gas Show
Well Status	P&A
Info. Release Date	Released

CASING:

<u>Size x Depth (metric)</u>	<u>Size x Depth (imperial)</u>
406 mm x 295.3 m	16" x 969'
298.5 mm x 641.9 m	11 3/4" x 2,106'
244 mm x 1504.5 m	9 5/8" x 4,936'

GEOLOGIC TOPS

<u>Formation / Member</u>	<u>Depth (ft)</u>	<u>Depth (m)</u>
Banquereau Fm	4,320 (bottom)	1316.7
Wyandot Fm	4,320	1316.7
Dawson Canyon Fm	4,558	1389.2
Petrel Mb	4,730	1441.7
Logan Canyon Fm	5,038	1535.5
Marmora Mb	5,038	1535.6
Sable Mb	5,700	1737.4
Cree Mb	5,228	1898.3

Naskapi Mb	8,700	2651.8
Missisauga Fm	9,380	2859.0
(Upper)	9,380	2859.0
(Fault)	9,392	2862.7
("O"Marker?)	9,810	2990.1
(Middle)	9,990	3044.9

WELL TEST SUMMARY

Type /Test #	Depth (m)	Recovery	Flow Rate/ Amount
WLT #1	3265.02	gas saltwater cut mud	4.2 cu ft. 9,500 cc

REPORTS AND LOGS:

Well History Report
 Borehole Compensated Sonic Log, Run 1-4
 Compensated Formation Density Log, Run 1 & 2
 3-Arm Focused Continuous Dipmeter (Computed), Run 1-3
 Dual Induction-Laterolog, Run 1 & 2
 Soil & Foundation Investigation, Boring 1
 Micropaleontological, Palynological & Source Rock Analysis Report
 Micropaleontological & Palynological Reports
 Micropaleontology , Palynology & Stratigraphy (8639-C20-1E)
 Sidewall Neutron Porosity Log, Run 1
 Formation Tester, Test 1
 Polar & Points Plot
 Directional Log (Computed), Run 1-3
 Induction Electrical Log, Run 1 & 2
 Velocity Survey

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	310.9 - 3313.1	572
Unwashed Cuttings	310.9 - 3313.1	605
Sidewall Core	362.4 - 3306.2	107

Core	Interval (m)	Recovery (m)
#1	362.4 – 3275.0	8.8

Slides	Interval (m)	# of Slides	Sample Source
Micropaleo Slides	310.9 - 3297.9	155	Cuttings
Micropaleo Slides	362.4 - 3286.9	93	Sidewall Core
Palynology Slides	2679.2 - 2962.6	19	Cuttings
Palynology Slides	3122.3	2	Sidewall Core
Palynology Slides	3269.3 - 3275.1	8	Core
Palynology Slides	3410.4 - 3306.2	66	Sidewall Core
Palynology Slides	362.4 - 456.3	3	Sidewall Core
Nannofossil Slides	310.9 - 3297.9	95	Cuttings

South Sable B-44**D312****WELL SUMMARY****GENERAL INFORMATION**

D #	312
Company	Mobil et al
Location	43°53'06.73" N 59°51'42.09" W
UWI	300B444400059450
Area	Scotian Shelf
Spud Date	March 27, 1988
Well Term. Date	July 13, 1988
Rig Release Date	July 08, 1988
Drilling Rig	Rowan Gorilla I
Total Depth (m)	5208
Water Depth (m)	35.9
Rotary Table (m)	42.1
Well Type	Exploration
Classification	Gas Well
Well Status	P&A
Info. Release Date	Released

CASING:**Size x Depth (metric)**

914 mm x 194 m
473 mm x 865 m
340 mm x 2838 m
244 mm x 4108 m

Size x Depth (imperial)

36" x 636'
18 5/8" x 2,838'
13 3/8" x 9,310.7'
9 5/8" x 13,477.7'

FLUID TESTS

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate / Amount</u>
DST #1	3641 - 3648	gas	67,920 m ³ /d
		oil	18.76 m ³ /d
		water	7.47 m ³ /d

GEOLOGIC TOPS:**Formation / Member****Depth (m)**

Banquereau Fm	1432 (bottom)
Wyandot Fm	1432.2
Dawson Canyon Fm	1542.3
Petrel Mb	1602.0
Logan Canyon Fm	1711.5
Marmora Mb	1711.5
Sable Mb	1975.5
Cree Mb	2096.0
Naskapi Mb	2900.0
Missisauga Fm	3052.0
(Upper)	3052.0
("O" marker)	3331.0
(Middle)	3335.0
(~Top OP)	4052.0
(Lower)	4606.2
(Fault Zone)	4980.3

Verrill Canyon Fm?

4980.3

REPORTS AND LOGS:

Well History Report
 Core Analysis Report
 Water Analysis
 Sampling Log- DST #1
 Preliminary Plots vs Time
 Core Photo's (Whole Diameter), Core 1
 Core Photo's (Slabbed), Core 1
 Cement Volume Log, Trip 3-5
 Phasor Induction-SFL/Dual Induction-SFL, Trip 1-5
 Completion Record- Zone #1, Trip 7
 Natural Gamma Ray Spectrometry Log, Trip 3 & 4
 Core Sample Taker Results, Trip 3-5
 Stratigraphic High Resolution Dipmeter, Trip 3-5
 Microlog, Trip 3-5
 Borehole Geometry Log, Trip 1
 Dual Dipmeter, Trip 3-5
 Simultaneous Compensated Neutron-Litho Density, Trip 3-5
 Perforating Depth Control Log, Trip 6
 Cement Bond Log Variable Density, Trip 5
 Auxiliary Measurements Log, Trip 3-5
 Formation Evaluation Log
 Repeat Formation Tester, Trip 3-5
 Hydrocarbon Analysis
 Fluid Properties Log, DST #1
 Final Well Report (Mud Report)
 Production Testing Data- DST #1, Zone 1
 Temperature Data log
 Drilling Data Pressure Log
 Pressure Evaluation Log
 Chromatograph Data Plot
 Geological Parameters Plot
 Drilling Parameters Plot
 Pressure Parameters Plot
 Cost Plot
 Pressure Analysis Report- DST #1, Zone 1
 Directional Survey Report
 OTIS Well Test Report
 Well Seismic Report
 Hydrocarbon Evaluation Plot
 Well Seismic Results & Quicklook, Trip 4
 Vertical Seismic Profile- Composite Logs Offset 82.0m-SW
 Vertical Seismic Profile- Horizontals, SAT-Vertical
 Vertical Seismic Profile- SAT-Vertical, Offset 82.0m-SW
 Soil Investigation; Jack-Up Rig Foundation Analysis
 Depth Derived Borehole Compensated Sonic Log, Run 1-5

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	890 - 5207	715
Unwashed Cuttings	890 - 5207	715
Canned Cuttings (dried)	890 - 5207.5	433

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source:</u>
Micropaleo slides	885 - 5207.5	146	Cuttings
<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>	
Core #1	3934.0 - 3940.3	6.3	10 Boxes
<u>Recovered Fluids</u>	<u>Interval (m)</u>	<u>Recovered</u>	<u>Recovered from</u>
DST 1	3461 - 3467.8	Condensate	Stocktank

Triumph P-50**D012****Well Summary****GENERAL INFORMATION**

D #	12
Company	Shell
Location	43°39'51'.62" N 59°51'02.36" W 300P504340059450
UWI	Scotian Shelf
Area	August 4, 1971
Spud Date	October 10, 1971
Well Term. Date	Sedneth 1
Drilling Rig	4595
Total Depth MD (m)	90.2
Water Depth (m)	25.9
Rotary Table (m)	P&A
Well Status	Gas Show
Classification	Exploration
Well Type	Released
Info. Release Date	

CASING:**Casing Size x Depth (metric)**

406 mm x 299.6 m
340 mm x 1032.1 m
244.5 mm x 2292.4 m

Casing Size x Depth (imperial)

16" x 983'
13 3/8" x 3,386'
9 5/8" x 7,521'

GEOLOGIC TOPS

<u>Formation:</u>	<u>Depth (ft)</u>	<u>Depth (m)</u>
Banquereau Fm	5,573	1698.6
Wyandot Fm	5,573	1698.6
Dawson Canyon Fm	5,994	1826.9
Logan Canyon Fm	6,500	1826.9
Marmora Mb	6,500	1981.2
Sable Mb	7,915	2412.5
Cree Mb	8,546	2604.8
?Fault	13,075	3985.3
Naskapi Mb	13,075	3985.3
Missisauga Fm	13,454	4100.8
(Approx.Top OP)	14,750	4495.8

REPORTS AND LOGS:

Well History Report
The Micropaleontology, Paleontology & Stratigraphy of the Shell Triumph P-50 Well
Paleontological Report
Borehole Compensated Sonic Log, Run 1-3
3-Arm Focused Continuous Dipmeter (computed), Run 1-3
Directional Log (Computed), Run 1-3
Velocity Survey
GMA Stratigraphic Modeling System (mylar)
Geochemical Evaluation (x-ref. 8623-R005-001P)
Sonigram Velocity Analysis
Compensated Formation Density Log, Run 1-2, (Whipstocked)
Compensated Formation Density Log, Run 1, (Original Hole)
Well History Report – Shell Triumph P-50
Dual Induction-Laterlog, Run 1-4, (Whipstocked)
Dual Induction-Laterlog, Run 1,1-4
Gamma Ray (mylar) S & D
Paleontological/Palynological/Source Rock Analysis Report

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	301.8 - 4593.3	919
Unwashed Cuttings	301.8 - 4593.3	926
Canned Cuttings	2133.6 - 4595.4	83
Sidewall Core	341.4 - 4585.1	277

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source:</u>
Micropaleo Slides	301.7 - 4593.3	182	Cuttings
Micropaleo Slides	389.5 - 4585.1	129	Sidewall Core
Palynology Slides	292.6 - 2996.2	58	Cuttings
Palynology Slides	389.5 - 3032.7	114	Sidewall Core

West Chebucto K-20**D296**

Well Summary**GENERAL INFORMATION**

D #	296
Company	Husky Bow Valley et al
Location	43°39'44.63" N 59°47'32.44" W
UWI	300K204340059450
Area	Scotian Shelf
Spud Date	April 5, 1986
Well Term. Date	August 11, 1986
Drilling Rig	Bow Drill II
Total Depth (m)	5369
Water Depth (m)	93.6
Rotary Table (m)	22.8
Well Status	P & A

Well Type	Exploration
Classification	Gas Show
Info. Release Date	Released

CASING:**Casing Size x Depth (metric)**

762 mm x 250.0 m
 508 mm x 623.0 m
 340 mm x 2142.4 m
 244 mm x 3822.2 m
 178 mm x 5129.0 m

Casing Size x Depth (imperial)

30" x 280'
 20" x 2,044'
 13 3/8" x 7,029'
 9 5/8" x 12,540'
 7" x 16,827'

WELL TEST SUMMARY

<u>Type /Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Flow Rate (m3/d)</u>
DST # 1	5020 - 5036	gas condensate water	116,766 tstm 25
DST # 2	4639 - 4660	gas	tstm

GEOLOGIC TOPS**Formation:****Depth (m)**

Banquereau Fm	1731.8 (bottom)
Wyandot Fm	1731.8
Dawson Canyon Fm	1826.0
Petrel Mb	1900.0 - 1902.0
Logan Canyon Fm	2011.0
Marmora Mb	2011.0
Sable Mb	2345.0
Cree Mb	2513.0
Naskapi Mb	3754.0
Missisauga Fm	4008.4
(Approx. top OP)	~4036.0

REPORTS AND LOGS:

Well History Report
 Merged Data Log (Field Print), Run 2, 3, 4, 5, 6
 Compensated Neutron Log, Run 1-3
 TVD Borehole Compensated Sonic Log, Run 1 & 2
 TVD Dual Induction Log, Run 1 & 2
 Compensated Bond Variable Density Log, Run 1
 Sidewall Core Results, Run 1-4
 Arrow Plot, Run 1
 Natural Gamma Ray Spectrometry Log, Run 1
 Depth Derived Borehole Compensated Sonic Log, Run 1-6
 Dual Induction-SFL, Run 1-6
 High Resolution Continuous Dipmeter, Run 1-3
 Completion Record, Run 1
 Cyberlook Pass 1 (Field Print), Run 2, 5
 RFT Quicklook (Field Print), Run 2, 4, 5
 Core Analysis
 DST Sample Analyses
 Core Photo's (Whole Diameter), Core 1-6
 Core Photo's (Slabbed), Core 8
 Water Analysis
 Fingerprint Hydrocarbon Comparative Analysis
 Cement Volume Log, Run 1-3

True Vertical Depth Compensated Neutron Litho Density, Run 1
 Simultaneous Compensated Neutron-Litho Density, Run 1-3
 Composite Geological Well Data Log (1 vellum copy)
 Plan and Field Notes
 Drilling Data Pressure Log
 Formation Evaluation Log (1 vellum copy)
 Temperature Data Log
 Mud Resistivity Log
 Wireline Data Pressure Log
 Pressure Evaluation Log
 Cost Plot
 Drilling Parameters Plot
 Dual Induction-SFL (Reduced Mylar)
 Well Test Analysis
 Arrow Plot, Run 1
 Final Report-Palynology
 Velocity Report, Run 1-4
 Repeat Formation Tester, Run 1-3

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	635 – 5369	928
Unwashed Cuttings	700 – 5369	872
Canned Cuttings (Dried)	640 – 5369	465
Sidewall Core	2040 – 2150	6

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Slides</u>	<u>Sample Source:</u>
Micropaleo Slides	630-5360	159	Cuttings
Micropaleo Slides	1400-4025	111	Sidewall Core
Micropaleo Slides	4045.50	1	Core
Micropaleo Slides	1770 - 5020	100	Cuttings
Palynology Slides	630 - 5360	157	Cuttings
Palynology Slides	1400 - 5369	417	Cuttings
Palynology Slides	1015 - 5325	509	Sidewall Core
Palynology Slides	4045.4 - 5368.40	51	Core
Palynology Slides	630 - 5360	157	Cuttings
Thin Section Slides	3686.40 - 4702.05	4	Core

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
#1	3682.50 - 3704.30	21.60
#2	3704.30 - 3731.90	27.60
#3	4036.50 - 4064.10	27.60
#4	4636.00 - 4644.20	6.80
#5	4644.25 - 4671.70	27.50
#6	4677.20 - 4704.60	26.85
#7	5026.40 - 5048.50	22.10
#8	5360.20 - 5369.40	9.20

Fluids:

<u>Test #</u>	<u>Interval (m)</u>	<u>Recovery</u>	<u>Recovered From</u>
DST #1	5020 - 5036	water	waterline
DST #2	4639 - 4660	water	choke manifold

Whycocomagh N-90**D304****Well Summary****GENERAL INFORMATION**

D #	304
Company	Canterra et al
Location	43°39'50.86" N 60°28' 03.71" W
UWI	300 N90 43400 60150
Area	Scotian Shelf
Spud Date	April 20, 1987
Well Term. Date	May 26, 1987
Drilling Rig	Sedco 710
Total Depth (m)	3535
Water Depth (m)	68
Rotary Table (m)	24
Well Status	P & A
Well Type	Exploratory
Info. Release Date	Released

CASING:**Casing Size x Depth (metric)**

960 mm x 147 m
508 / 340 mm x 556 m
244 mm x 1945 m

Casing Size x Depth (imperial)

30" x 193.7'
20" / 13 3/8" x 1,856.9'
9 5/8" x 6,315.6'

GEOLOGIC TOPS

<u>Formation:</u>	<u>Depth (m)</u>
Banquereau Fm	in casing
Wyandot Fm	1456.0
Dawson Canyon Fm	1469.0
Petrel Mb	1560.0 - 1564.4
Logan Canyon Fm	
Marmora Mb	1653.0
Sable Mb	1896.4
Cree Mb	1984.0
Naskapi Mb	?2887.7
Missisauga Fm	
"Upper"	2877.7

SAMPLES

<u>Sample Type:</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	600 - 3535.0	463
Unwashed Cuttings	600 - 3535.0	463
Sidewall Core	715 - 3528.2	98
Canned Cuttings (dried)	600 - 3530.0	381

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source:</u>
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Micropaleo Slides	595 – 2925	76	Cuttings
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<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	2921.2 - 2932.9	11.2

REPORTS AND LOGS:

Final Well Report
 Borehole Geometry Log, Run 1
 Stratigraphic High Resolution Dipmeter, Run 1
 Stratigraphic High Resolution Dipmeter, Run 2
 Dual Induction, Run 1-3
 Core Sampling Results, Run 1 & 2
 Auxiliary Measurements, Run 1 & 2
 Depth Derived BHC Sonic Log, Run 1 & 2
 Simultaneous Compensated Neutron-Litho Density, Run 1-3
 Repeat Formation Tester, Run 1
 End of Well Report (Mud Report)
 SAT Checkshot Summary (Field Log, Run 3)
 Biostratigraphy Report
 SAT Checkshot Summary
 Plan and Field Notes
 Composite Well Log (Mud Log)
 Mud Loggers Strip Chart
 Dual Induction (Reduced Mylar)
 Simultaneous Compensated Neutron-Litho Density (Reduced Mylar)

5. RELEASED SAMPLE REPORTS *for NS18-3*

RELEASED SAMPLE REPORTS

- Contact the CNSOPB's Geoscience Research Centre for availability:
Web: <https://www.cnsopb.ns.ca/resource-management/geoscience-research-centre>
Email grcsupport@cnsopb.ns.ca
Phone: (902)468-3994
- Geological Survey of Canada-Atlantic reports and publications can be downloaded directly from the GSC-A website: [GEOSCAN - Natural Resources Canada / Ressources naturelles Canada](#)

Report #	Description	Author/Company
SR2010-01ED	Lateral variation in sandstone lithofacies from conventional core, Scotian Basin: implications for reservoir quality and connectivity Publication: Can. J. Earth Sci. 49; 1478-1503 (2012) doi:10.1139/e2012-064	Gould, K., Piper, D.J.W., Pe-Piper, G./ Saint Mary's University, Geological Survey of Canada (Atlantic)
SR2009-08E	Petroleum Geochemistry of Deep Panuke Oils/Condensates from the Scotian Shelf (Panuke M-79, Panuke PI-1B, Panuke PP1, Thebaud C-74)	GeoMark Research
SR2009-04E	A revised biostratigraphic and well-log sequence-stratigraphic framework for the Scotian Margin, offshore Eastern Canada Publication: Can.J. Earth Sci. 49: 1417-1462 (2012) doi:10.1139/e2012-070	Weston, J.F. & Cooper, M.K.E., MacRae, R.A., Ascoli, P., & Fensome, R.A. & Williams, G.L., Shaw D./ RPS Energy, Saint Mary's University, GSC Atlantic, Biostratigraphic Associates International
SR2007-13E	The relationship of transgressive systems tracts to sea-floor diagenesis, Lower Cretaceous, Scotian Basin	Okwese, A.C./ Saint Mary's University
SR2007-07ED	Monazite as a provenance indicator for the Lower Cretaceous reservoir sandstones, Scotian Basin GSC Open File 6732 Naskapi N-30, Alma K-85, Thebaud 3, Thebaud I-93, Thebaud C-74, Glenelg E-58, Glenelg E-58A, N. Triumph G-43, Venture 1, Venture 3, Venture 4,	Triantafyllidis, G., Pe-Piper, G., MacKay, R., Piper, D.J.W., Strathee, G./ Geological Survey of Canada (GSC)
SR2007-07EB	Single -grain detrital muscovite ages from Lower Cretaceous sandstones, Scotian basin, and their implications for provenance. Publication: Bulletin of Canadian Petroleum Geology, vol. 57, No. 1 (March 2009) P.63-80	Reynolds, P.H., Pe-Piper, G., Piper, D.J.W., Grist, A.M / Geological Survey of Canada (GSC), Saint Mary's University, Dalhousie University
SR2007-07EA	Detrital zircons as provenance indicators in the Lower Cretaceous sedimentary rocks of the Scotian Basin, Eastern Canada: A SEM_CL study of textures. GSC Open file 5746 (Alma K-85, Thebaud C-74, Glenelg N-49, Venture 1, Venture 4, Fox I-22, Crow F-52, Peskowsk A-99, Dauntless D-35)	Triantafyllidis, G., Pe-Piper, G., Yang, X., Hillier, C./ Geological Survey of Canada (GSC)
SR2007-07E	Chemical fingerprinting of detrital minerals in the Upper Jurassic-Lower Cretaceous sandstones, Scotian Basin (Sambro I-29, Naskapi N-30, Alma K-85, Musquodoboit E-23, Thebaud 3, Thebaud C-74, Thebaud I-93, Glenelg N-49, Glenelg E-58, Glenelg E-58, Glenelg E-58A Glenelg H-59, N.	Pe-Piper, G., Tsikouras, B., Piper, D.J.W., Triantaphyllidis, S./ Geological Survey of Canada (GSC)

Report #	Description	Author/Company
	Triumph B-52, N. Triumph G-43, Chebucto K-90, Venture 1, Venture 3, Venture 4) GSC Open File 6288	
SR2007-03EB	Controls on diagenesis of Lower Cretaceous reservoir sandstones in the western Sable Subbasin, offshore Nova Scotia Publication: Sedimentary Geology 224 (2010) 65-83	Karim, A., Pe-Piper, G., Piper, D.J.W./ Saint Mary's University, Geological Survey of Canada (Atlantic)
SR2007-03E	Distribution of diagenetic minerals in Lower Cretaceous sandstones and their relationship to stratigraphy and lithofacies: Glenelg, Thebaud and Chebucto fields, offshore Scotian basin GSC Open File Report # 5880	Karim, A., Pe-Piper, G., Piper, D.J.W./ Geological Survey of Canada (GSC)
SR2006-01E	Correlation of the Pre-Albian Strata in the Glenelg, Chebucto, Annapolis and Crimson Areas, Scotian Shelf, Offshore Eastern Canada – Biostratigraphic Correlation of the Missisauga Formation and Equivalent Strata in 6 Wells: (Chebucto K-90, West Chebucto K-20, Glenelg J-48, Annapolis G-24, Crimson F-81)	Fenton, J.P.G. / Fugro Robertson Limited
SR2005-07E	Chlorite Diagenesis in Reservoir Sandstones of the Lower Missisauga Formation, Offshore Nova Scotia (Thebaud C-74, Venture 1, Venture 3, Venture 4)	Gould, K./ Saint Mary's University
SR2004-01E	Nova Scotian Shelf: Biostratigraphic and Sequence Stratigraphic Correlation of the Early Cretaceous Strata in Seven Wells (Annapolis G-24, Balvenie B-79, Louisbourg J-47, Southampton A-25, Tantallon M-41, West Chebucto K-20, Newburn H-23)	Pardon, A.M. / Robertson Research International Limited
SR2003-03E	Biostratigraphy of the Lower Cretaceous P Jurassic Strata in Five Wells Offshore Nova Scotia Nannofossil Slides . (Demascota G-32, Glenelg J-48, Thebaud C-74, Cree E-36)	Crux, J.A./ Biostratigraphic Associates (Canada) Inc.
SR2002-11E	High Resolution Chronostratigraphy and Depositional Environments of Eleven Wells, Scotian Shelf, Offshore Eastern Canada (Abenaki J-56, Alma F-67, Dauntless D-35, Dover A-43, Louisbourg J-47, N. Banquereau I-13, Sachem D-76, Sauk A-57, S. Desbarres O-76, S.W. Banquereau F-34, W. Chebucto K-20)	Sikora, P.J., Rubik, Rd., Howe, Dr. R., Stein, Dr. J., / The Stratigraphy Group, University of Utah
SR2001-20E	Eagle D-21 Biostratigraphy and Correlation of the Paleocene to Hauterivian Section (vol I) Glenelg H-38 and West Chebucto K-20, Scotian Shelf Wells, Offshore Eastern Canada (vol II)	Weldon, M. / Robertson Research International Limited
SR2001-14E	Petrographic study of Missisauga Reservoir Rocks at Cree E-35, South Sable B-44 and Intrepid L-80. Southern Scotian Shelf	Wu, J./ Shell Canada Limited
SR2000-13E	Dielectric Constant Measurements of wells Thebaud I-93, Thebaud I-94, Shubenacadie H-100, Evangeline H-98, Shelburne G-29, and Tantallon M-41	Ewan, L./ End Laboratories
SR2000-10E	Chemostratigraphy of selected intervals: Sable Island. (Thebaud I-93, Thebaud C-74, Thebaud 1, Thebaud 3, Thebaud 5)	Chemo Strat Ltd.
SR2000-07E	Sedimentology and Stratigraphy of an Ancient Progradational Terrigenous Clastic Shelf Margin, Missisauga Formation (Upper Jurassic-Lower Cretaceous), Offshore Nova Scotia, Canada (Alma K-85, Alma F-67, Como P-21, Glenelg E-58A,	Cummings, D.I. / University of Ottawa

Report #	Description	Author/Company
SR1999-07E	Glenelg E-58, Glenelg H-38, Glenelg N-49, North Triumph G-43, Olympia A-12, Onondaga B-96, Onondaga O-95, Panuke B-90, Panuke F-09, Panuke F-99, Panuke J-99 PP2, Sable Island C-67, Sable Island 3H-58, South Sable B-44, Thebaud C-74, Thebaud 3, Thebaud I-93, Thebaud 3, Venture B-13, Venture B-43, Venture B-52, Venture H-22, W. Venture C-62, W. Venture N-91) Frontier Reservoirs of the North Atlantic Margin (Acadia K-62, Albatross B-13, Alma K-85, Citadel H-52, Cohasset CP 6A P-51, Dauntless D-35, Demascota G-32, S. Desbarres O-76 Evangeline H-98, Glenelg E-58, Glenelg E-58A, Glenelg J-48, Glenelg J-48A, Hercules G-15, Louisbourg J-47, MicMac D-89, MicMac H-86, Moheida P-15, Mohican I-100, Naskapi N-30, N. Triumph G-43, Oneida O-25, Onondaga B-94, Panuke B-90, Penobscot B-41, Peskowsk A-99, Primrose A-41, Sable Island 3H-58, Shubenacadie H-100, SW Banquereau F-34, Tantallon M-41, Thebaud I-93, Venture B-43, Venture B-52, W. Chebucto K-20, W. Olympia O-51)	James, N., (Project Manager) Duxbury, L.M. (Editor)/ Robertson Research International Limited
SR1999-03E	Petrographic Study Scotian Shelf Logan Canyon Formation and Missisauga Formation (Alma K-85, Glenelg E-58, Glenelg J-48, Kegeshook G-67, Marmora P-35, Merigomish C-52, Panuke B-90, Thebaud I-93, W. Chebucto K-20)	Wheeler, R.B./ Exxon Production Research Company
SR1999-02P	Eastern Canada Margin Oil Study (Alma K-85, Alma F-67, Glenelg E-58, Glenelg J-48, Glenelg J-49, Chebucto K-90, N. Triumph G-43, Panuke PP1, Panuke B-90, Intrepid L-80, Cohasset CP6B, Cohasset CP3A, Cohasset CP9, Cohasset CP4, Cohasset CP6, Cohasset D-42, Cohasset A-52, Balmoral M-32, Thebaud I-93 Thebaud C-74, South Sable B-44, Thebaud I-94, Thebaud P-84, Cohasset L-97, Sable Island O-47, Sable Island E-48, Sable Island H-58, Sable Island 2h-58, Sable Island 3H-58, S. Venture O-59, Primrose N-50, Primrose A-41, Olympia O-51, W. Venture C-62, Olympia A-12, Venture B-52, Venture H-22, Venture B-43, Arcadia J-16, Bluenose 2G-47, Citnalta I-59, Penobscot L-30, Banquereau C-21, Uniacke G-72)	Barss, M.S., Bujak J.P., Williams, G. L./ GeoMark Research, Inc.
SR1995-01E	West Sable Exploration License Reservoir Quality Study Offshore Nova Scotia. (Thebaud C-74, Thebaud I-93, Migrant N-20, Alma F-67)	Cochran, A./ Cochran Geological Consulting
SR1994-02E	Vitrinite Reflectance of Dispersed Organics from Thirteen Scotian Shelf Wells GSC Open File #3115. (Bluenose 2G-47, Citadel H-52, Eagle D-21, Intrepid L-80, Merigomish C-52, N. Triumph B-52, Onondaga B-96, Sable Island C-67, South Desbarres O-76, South Venture O-59, Thebaud I-93, Venture D-23, Wenonah J-75)	Avery, M.P. / Atlantic Geoscience Centre (GSC)
SR1994-01E	Vitrinite Reflectance of Dispersed Organics from Eleven Scotian Shelf Wells GSC Open File #2902. (Abenaki J-56, Alma F-67, Cohasset D-42, Cohasset L-97, Demascota G-32, N. Triumph B-52, N. Triumph G-43, Penobscot L-30, Uniacke G-72, Venture B-52, Venture H-22)	Avery, M.P./ Atlantic Geoscience Centre (GSC)
SR1993-05E	Analyses and Interpretation of Geochemical and Source Rock Data from Scotian Shelf Wells. (Cohasset A-52, Sable Island	Mukhopadhyay, P.K./ Global GeoEnergy Research, Ltd.

Report #	Description	Author/Company
	3H-58, Venture B-52, South Desbarres O-76, North Triumph G-43, S.W. Banquereau F-34, Thebaud C-74)	
SR1993-04E	Oil Correlation Summary with Appendix B-Ion Chromatograms for Representative Oils from the NS Basin. (Cohasset D-42, Penobscot L-30 Venture B-52, Alma F-67, Alma K-85)	Amoco Canada Petroleum Company Ltd.
SR1991-05E	Implications of apatite fission track analysis for the thermal history of the Scotian Basin offshore Nova Scotia, Canada (Thebaud I-94, West Olympia O-51, Cohasset A-52, Merigomish C-52, Kegeshook G-67, Eagle D-21)	Li, G., Ravenhurst, C.E., Zentilli, M./ Dalhousie University
SR1991-02E	Characterization and Maturation of Selected Cretaceous and Jurassic Source Rocks and Crude Oil, Scotian Shelf (Alma F-67, Chebucto K-90, Cohasset L-97, Cree E-35, Demascota G-32, Migrant N-20, N. Triumph B-52, N. Triumph G-43, Olympia A-12, Onondaga E-84, Penobscot L-30, Sable Island E-48, Sable Island O-47, S. Desbarres O-76, South Sable B-44, Thebaud C-74, Uniacke G-72, Venture B-52, Venture H-22, W. Chebucto K-20, Whycomomagh N-90)	Mukhopadhyay, P.K./ Global GeoEnergy Research, Ltd.
SR1990-05E	Evaluation of Organic Facies of Verrill Canyon Formation Sable Subbasin, Scotian Shelf	Mukhopadhyay, P.K./ Global GeoEnergy Research, Ltd.
SR1990-03E	Characterization and Maturation of Selected Oil and Condensate Samples and Correlation with Source Beds, Scotian Shelf	Mukhopadhyay, P.K./ Global GeoEnergy Research, Ltd.
SR1988-04E	Mesozoic-Cenozoic Foraminiferal, Ostracod and Calpionellid Zonation of the North Atlantic Margin of North America: Georges Bank-Scotian Basins and Northeastern Grand Banks Biostratigraphic Correlation of 51 Wells GSC Open File # 1791 (including Mohawk B-93, Mohican I-100, Naskapi N-30, Moheida P-15, Acadia K-62, Oneida O-25, Demascota G-32, Cree E-35, Cohasset P-52, Onondaga E-84, Glenelg J-48, Migrant N-20, Thebaud I-94, Penobscot L-30, Intrepid L-80, Sable Island C-67, Olympia A-12, Abenaki J-56, South Venture O-59, Venture B-43, Venture B-13, Uniacke G-72, Citnalta I-59, MicMac H-86, Wyandot E-53, Primrose A-41, Primrose N-50, Primrose F-41, Sauk A-57, West Esperanto B-78, Louisburg J-47, Jason C-20, South Griffin J-13, Dauntless D-35)	Ascoli, P./ Atlantic Geoscience Centre (GSC)
SR1987-07E	The Scotian Basin offshore Nova Scotia: thermal history and provenance of sandstones from apatite fission track and $^{40}\text{Ar}/^{39}\text{Ar}$ data. Publication: Can. J. Earth Sci, 29, 909 - 924 (1992)	Grist, A.M., Reynolds, P.H. Zentilli M., Beaumont, C./ Dalhousie University
SR1979-01E	Palynological Zonation and Correlation of Sixty-seven Wells, Eastern Canada (including Argo F-38, Bluenose G-47, Cohasset D-42, Cree E-35, Dauntless D-35, Esperanto K-78, Eurydice P-36, Fox I-22, Hercules G-15, Iroquois J-17, MicMac J-77, Missisauga H-54, Mohawk B-93, Mohican I-100, Naskapi N-30, Ojibwa E-07, Oneida O-25, Primrose A-41, Primrose 1a A-41, Sable Island C-67, Sauk A-57, Triumph P-50, Wyandot E-53)	Barss, M.S., Bujak J.P., Williams, G. L. / Geological Survey of Canada (GSC)

Report #	Description	Author/Company
SR1994-04E	Organic Petrography and Kinetics of Limestone and Shale Source Rocks in Wells Adjacent to Sable Island, Nova Scotia and the Interpretation on Oil-Oil or Oil-Source Rock Correlation and Basin Modeling (Abenaki J-56, Cohasset D-42, Cohasset L-97, Demascota G-32, Penobscot L-30, Uniacke G-72, Alma F-67, Chebucto K-90, Glenelg J-48, N. Triumph B-52, N. Triumph G-43, South Desbarres O-76, Venture B-43, Venture B-52, Venture H-22, West Chebucto K-20)	Mukhopadhyay, P.K./ Global GeoEnergy Research, Ltd.
SR1999-07P	Frontier Reservoirs of the North Atlantic Margin (Acadia K-62, Albatross B-13, Alma K-85, Citadel H-52, Cohasset CP 6A P-51, Dauntless D-35, Demascota G-32, S. Desbarres O-76, Evangeline H-98, Glenelg E-58, Glenelg E-58A, Glenelg J-48, Glenelg J-48A, Hercules G-15, Louisbourg J-47, MicMac D-89, MicMac H-86, Moheida P-15, Mohican I-100, Naskapi N-30, N. Triumph G-43, Oneida O-25, Onondaga B-94, Panuke B-90, Penobscot B-41, Peskowsk A-99, Primrose A-41, Sable Island 3H-58, Shubenacadie H-100, SW Banquereau F-34, Tantallon M-41, Thebaud I-93, Venture B-43, Venture B-52, W. Chebucto K-20, W. Olympia O-51)	James, N., (Project Manager) Duxbury, L.M. (Editor)/ Robertson Research International Limited

6. NS18-3 Geophysical Data – Report Descriptions

<i>Project Number</i>	<i>Parcels</i>	<i>KM</i>	<i>Description</i>
NS24-E040-001E	2	1260 KM ²	2001 3D Marine Seismic Reflection Survey For Cree, Glenelg, and Eagle/Chebucto
NS24-G005-004P	1	1875.2	2001 2D Non Exclusive Seismic Survey South Whales Scotian Shelf
NS24-W030-001P	1, 2	10686.04	2001 2D Multi-Client Survey 329158: Sable Island East Coast Canada
NS24-M003-009E	1, 2	263 KM ²	1999 3D Sable Area Ocean Bottom Cable (OBC) Seismic Survey
NS24-M003-010E	1, 2	551.7 KM ²	1999 3D Marine Seismic Survey Intrepid Area, Cree Area
NS24-G005-002P	1, 2	9679.425	1999 2D Non-Exclusive Seismic Survey Barrington
NS24-W013-001P	1, 2	11587 KM	1998 Eastern Canada 2D Speculative Program
NS24-M003-007E	1, 2	1443 KM ²	1998 3D Marine Seismic Survey Sable Island - Marmora, And Arcadia
NS24-G005-001P	2	14772.229	1998 2D Non-Exclusive Seismic Survey Barrington, Fundian Channel, West Scotian Slope
NS24-M003-006E	1, 2	1100 KM ²	1997 3D & 2D Marine Streamer Seismic Program EI-2356, Alma, North Triumph And EI-2357 Grand Pre
NS24-M003-003E	1, 2	283.89 KM ²	1996 3D Thebaud Sable Area Ocean Bottom Cable Reflection Seismic Survey
NS24-M003-002E	1, 2	1273.375	1991 2D Marine Seismic Survey Sable Island Area
NS24-M003-001E	1, 2	97.025	1990 2D Marine Seismic Sable Island Area
8624-S006-050E	2	195.2	1987 2D Seismic Acquisition, Nova Scotia Shelf
8624-W013-005P	1, 2	1754	1985 Western Geco Speculative Survey, Scotian Shelf, Phase Iv
8624-P028-073E	1	1198.08	1985 Marine Reflection Seismic, Gravity And Magnetic Survey - North Sable Area
8624-H006-010E	2	2684.79	1985 3D Reflection Marine Seismograph South Sable Survey Chebucto Area
8624-S006-048E	2	19300	1985 2D Seismic Acquisition, Nova Scotia Shelf
8620-H006-009E	2	821.65	1985 2D Reflection Marine Seismograph, Chebucto-Sable Island Survey
8624-S006-041E	2	10469.75	1984-1986 3D Seismic Survey, Nova Scotia Shelf Glenelg Area
8624-W013-002P	1, 2	1104	1984 Sable Island Spec Survey Maritime Offshore West Phase Ii - Scotian Shelf
8624-M003-049E	2	2456.45	1984 Marine Seismic Survey, Sable Island Area
8624-G005-007P	1, 2	1877.125	1984 GSI Speculative Regional Seismic Survey Sable Island
8624-G005-008P	2	1044.50 KM	1984 3D Onondaga Reconnaissance Survey
8620-H006-007E	2	2428.08	1983 Seismic Gravity And Magnetic Survey South Sable
8624-S006-037E	2	3750.14	1983 Reflection Seismic Survey In Hawkeye, Mulgrave, Lunenburg, Glenelg And Triumph Areas
8624-S006-035E	2	2081.2	1983 Reflection Seismic Survey - Panasonic, Glace Bay And East Panasonic Areas
8624-W013-001P	2	3910.2135	1983 Marine Seismic Survey, Reflection, Gravity, Magnetics Speculative Survey East Coast Canada
8624-N005-002E	1, 2	821.275	1983 Marine Seismic Survey Part 1

<i>Project Number</i>	<i>Parcels</i>	<i>KM</i>	<i>Description</i>
8620-S014-006E	1, 2	13239.85	1983 Marine Reflection Seismic Survey Over The Scotian Shelf Area - West Slope Area, West Banquereau, East Banquereau, Sable, And Scotia Basin
8620-J008-001E 002E	1, 2	4693.48	1983 ICG Resources Limited Marine Seismic Survey, Offshore Nova Scotia
8624-H006-004E	2	448.43	1983 Geophysical Survey Chebucto Block (E.A. 781-004), Scotian Shelf
8624-B011-004E	1, 2	2428.08	1983 2D Deep Reflection Seismic Program Sable Region
8620-H006-002E	2	692.63	1982 Seismic Program Scotian Shelf-South Sable, Chebucto
8624-S006-033E	1, 2	4832.36	1982 Reflection Seismic Survey - North And South Sable Areas
8624-M003-044E 045E	1, 2	1421.88	1982 2D Marine Seismic Survey, Sable Island Area
8624-S006-027E	1, 2	2353	1981 Reflection Seismic Program In South Sable Area, Offshore Nova Scotia
8624-S006-023E	1, 2	3003	1980 Reflection Seismic Survey - North And South Sable Area Offshore Ns
8624-M003-035E	1, 2	1527.29	1980 Marine Geophysical Survey Sable Island Area
8624-M003-033E	1, 2	1261.625	1979 Marine Seismic Survey Sable Island Area
8624-M003-025E	1	344.4	1975 Geophysical Marine Seismic Survey Sable Island Area
8620-M003-022E	1, 2	523.02	1974 Geophysical Survey In Citnalta, Intrepid And Venture Areas
8624-M003-019E	1, 2		1973 West Sable Seismic Program
8624-M003-022E	1, 2	173.73	1973 Geophysical Survey Sable Island
8624-M003-015E	1, 2	154.49	1973 2D Geophysical Seismic Reflection Survey, Sable Island
8624-M003-010E	1, 2	444.18	1972 Geophysical Survey, Sable Island Area
8624-C020-001E	1	5259.19	1972 2D Seismic Reflection Survey Georges Bank/Scotian Shelf
8620-C020-001E 002E	1, 2	6536.9	1971 Seismic, Gravity & Magnetic Survey, Scotian Shelf Area
8624-M003-004E	1, 2	1786.32	1971 Geophysical Survey Sable/South Sable Island And Banquereau Areas
8620-C015-001P 002P	1	5821.993; 717.12	1971 East Coast Marine Seismic Participation Survey, Labrador Shelf, Scotian Shelf
8624-S006-005E 006E	2	683.95; 14721.87	1970 Geophysical Survey, Scotian Shelf - Wyandot, Ojibwa, Abenaki, Iroquois, Huron, Cree And Argo Areas

7. Program Location Maps for NS18-3

Figure 01: Location Map for

8620-H006-002E (1982)

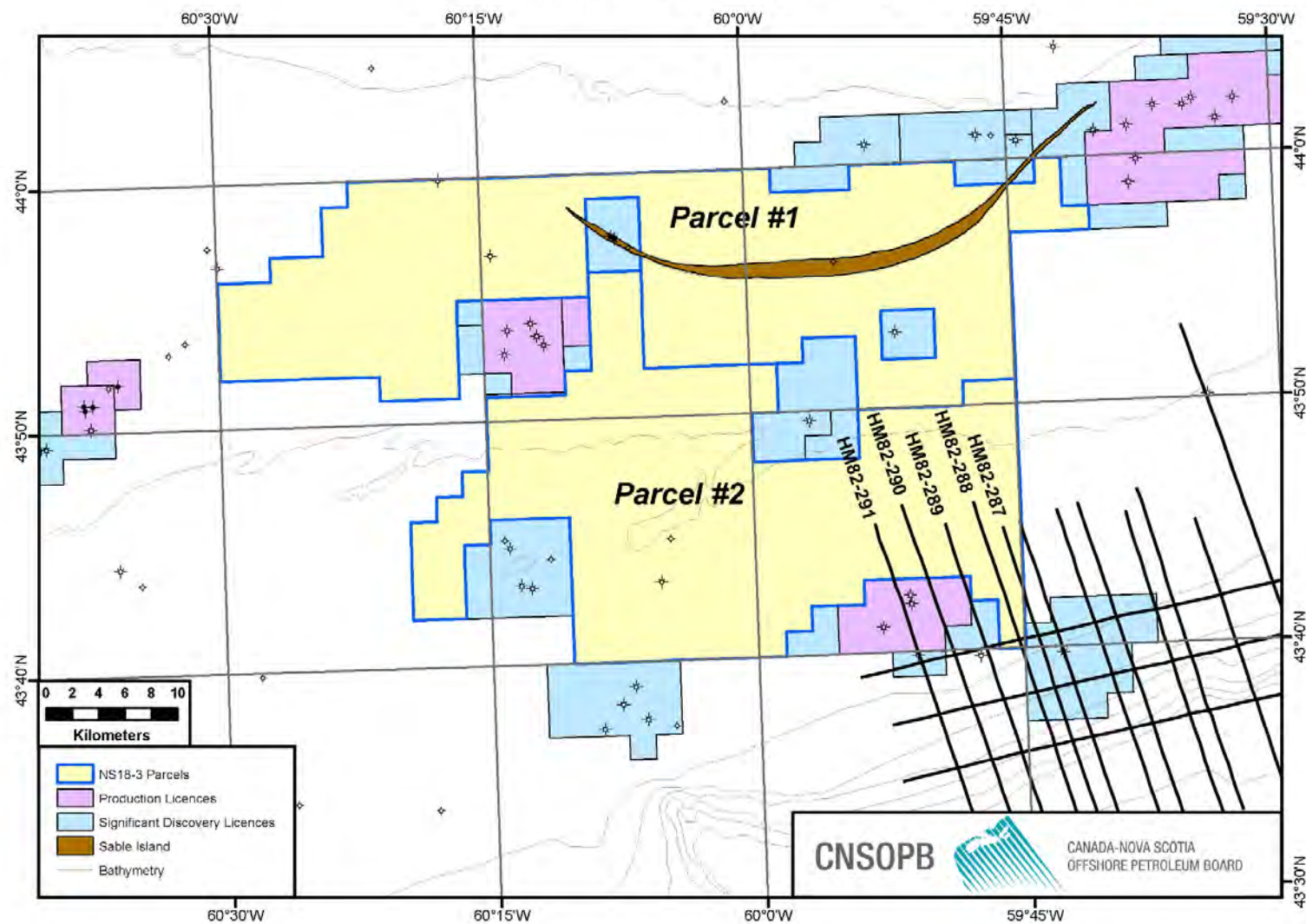


Figure 02: Location Map for

8620-H006-007E (1983)

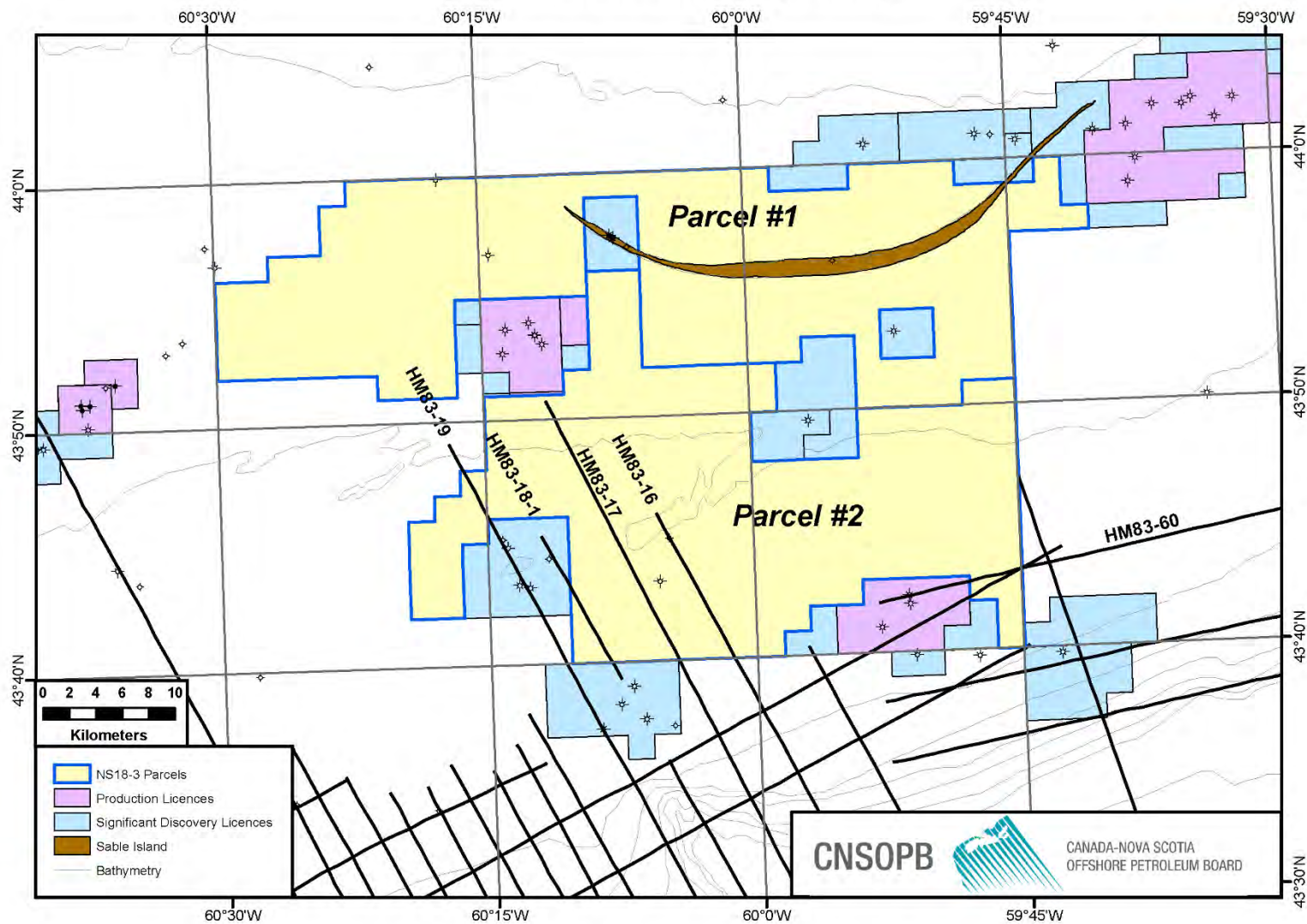


Figure 03: Location Map for

8620-H006-008E (1984)

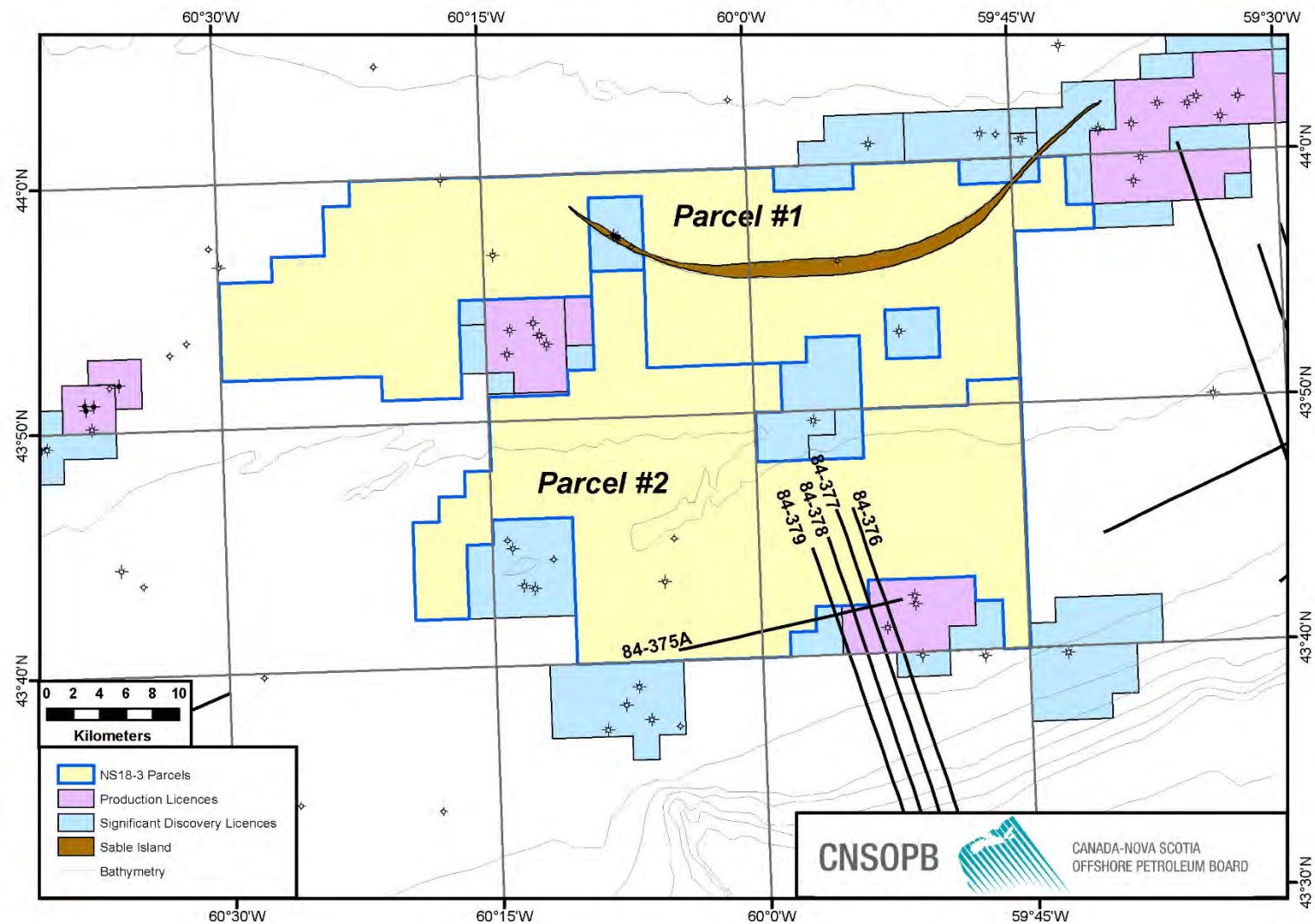
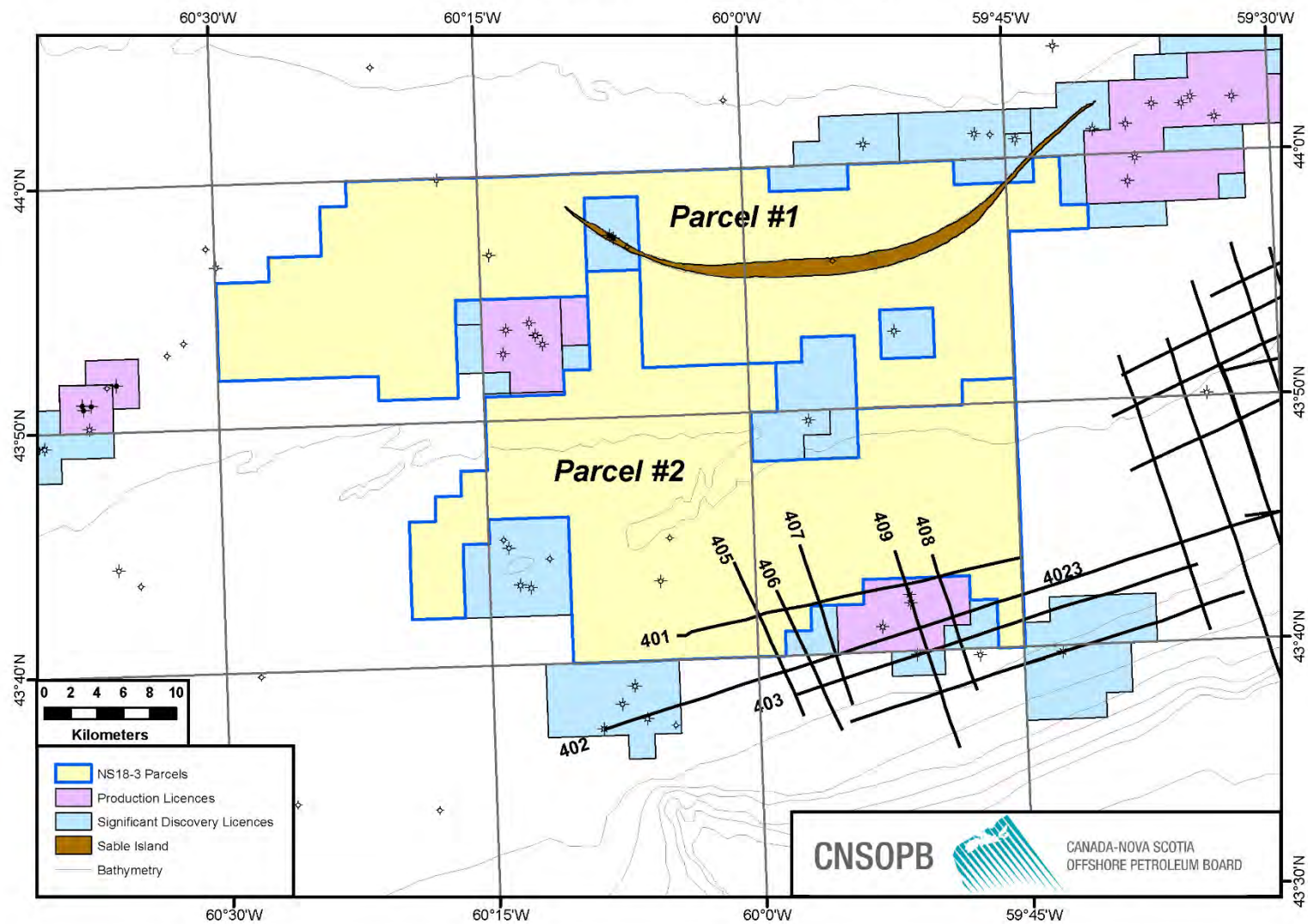


Figure 04: Location Map for

8620-H006-009E (1985)



[illegible]

Figure 06: Location Map for

8620-J008-002E (1983)

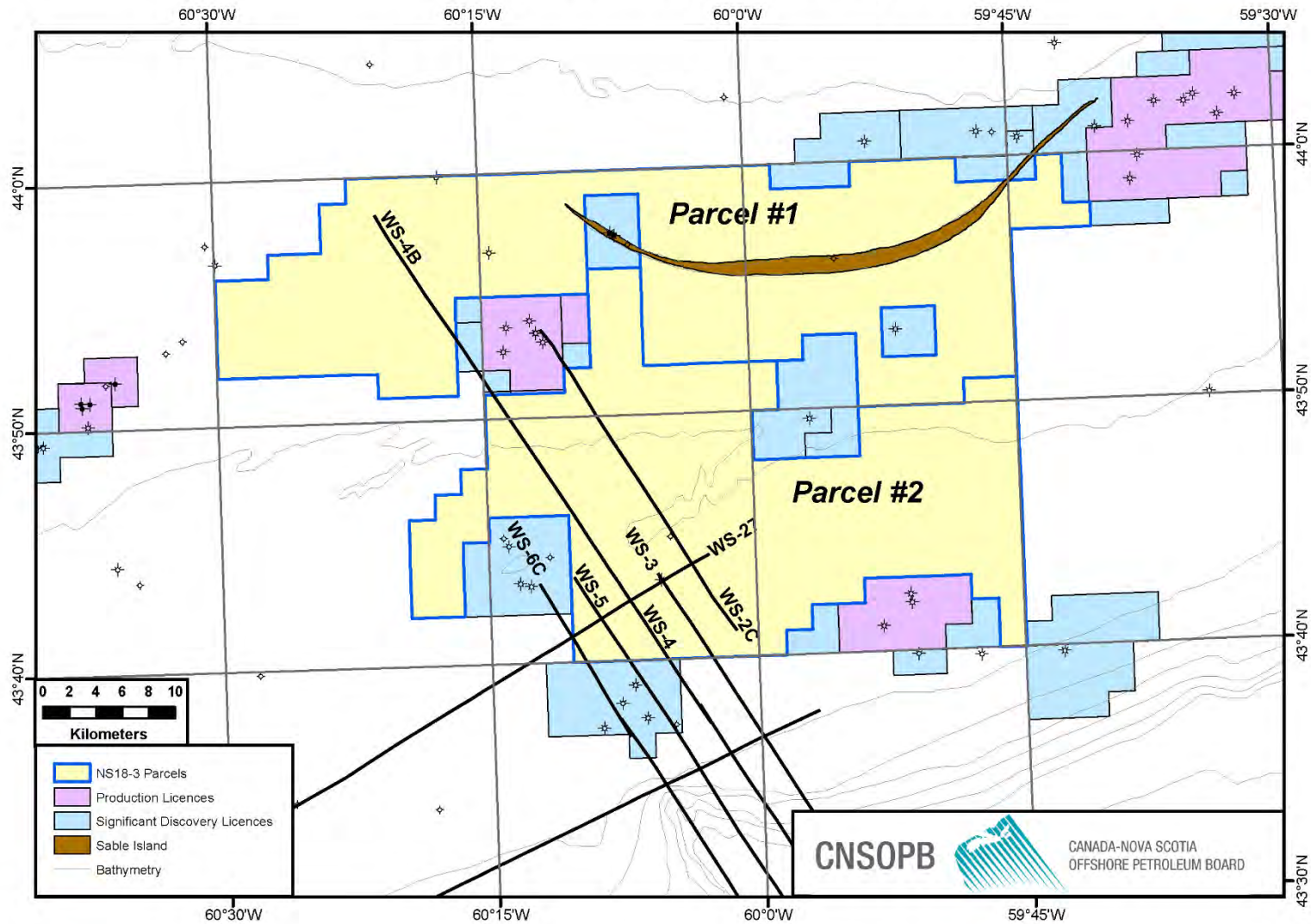


Figure 07: Location Map for

8620-S014-006E (1983)

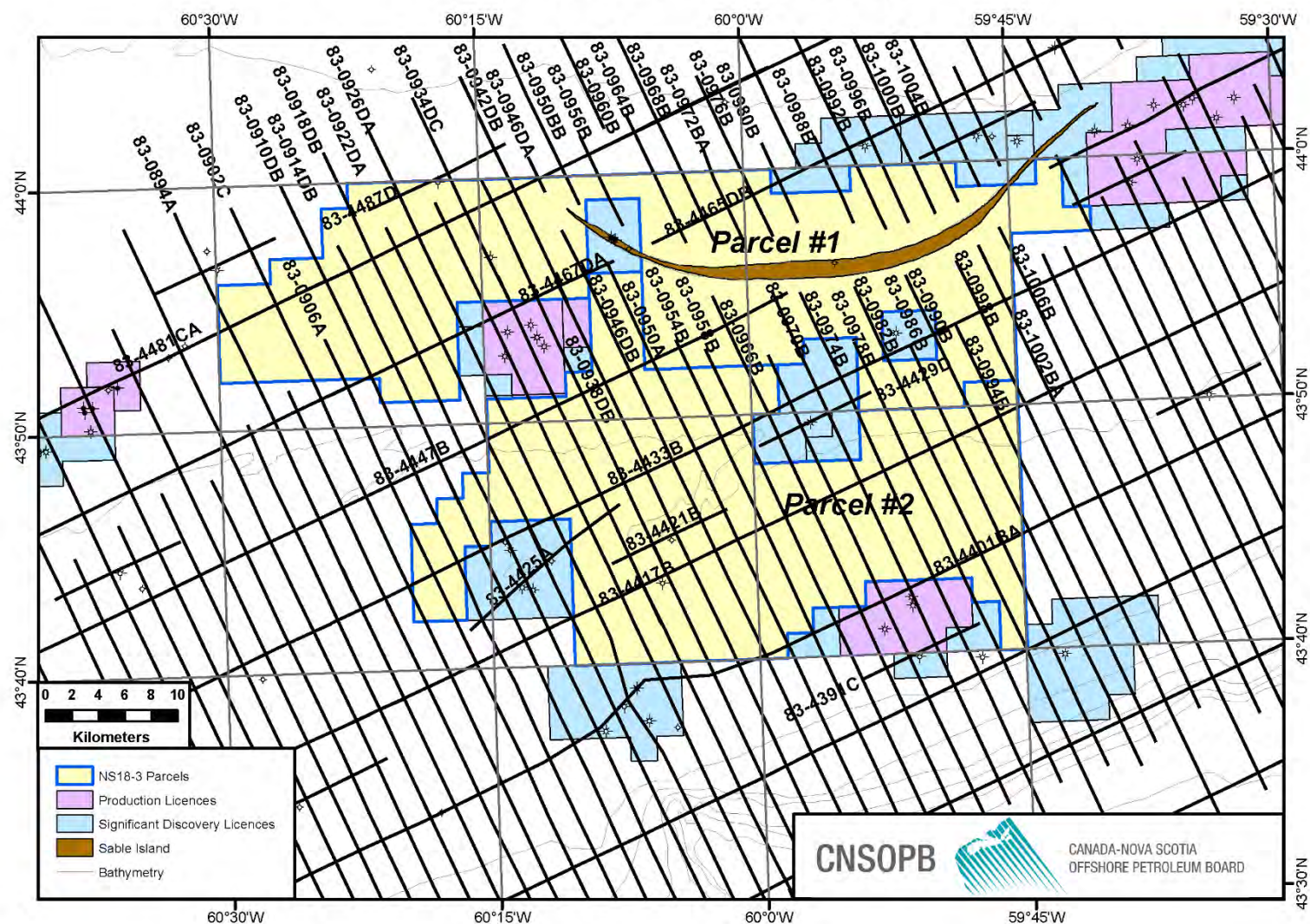


Figure 08: Location Map for

8624-G005-008P (1984)

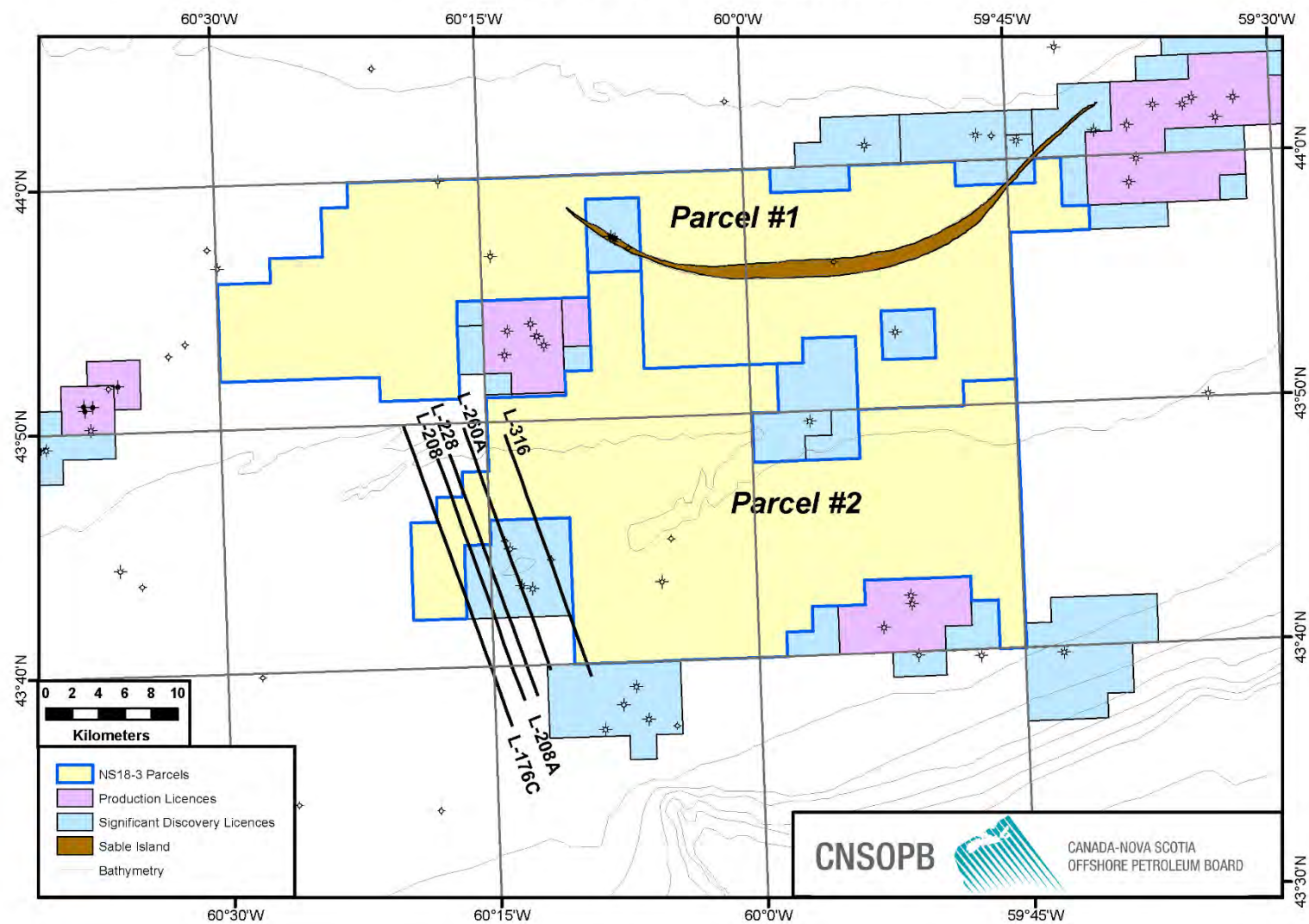


Figure 09: Location Map for

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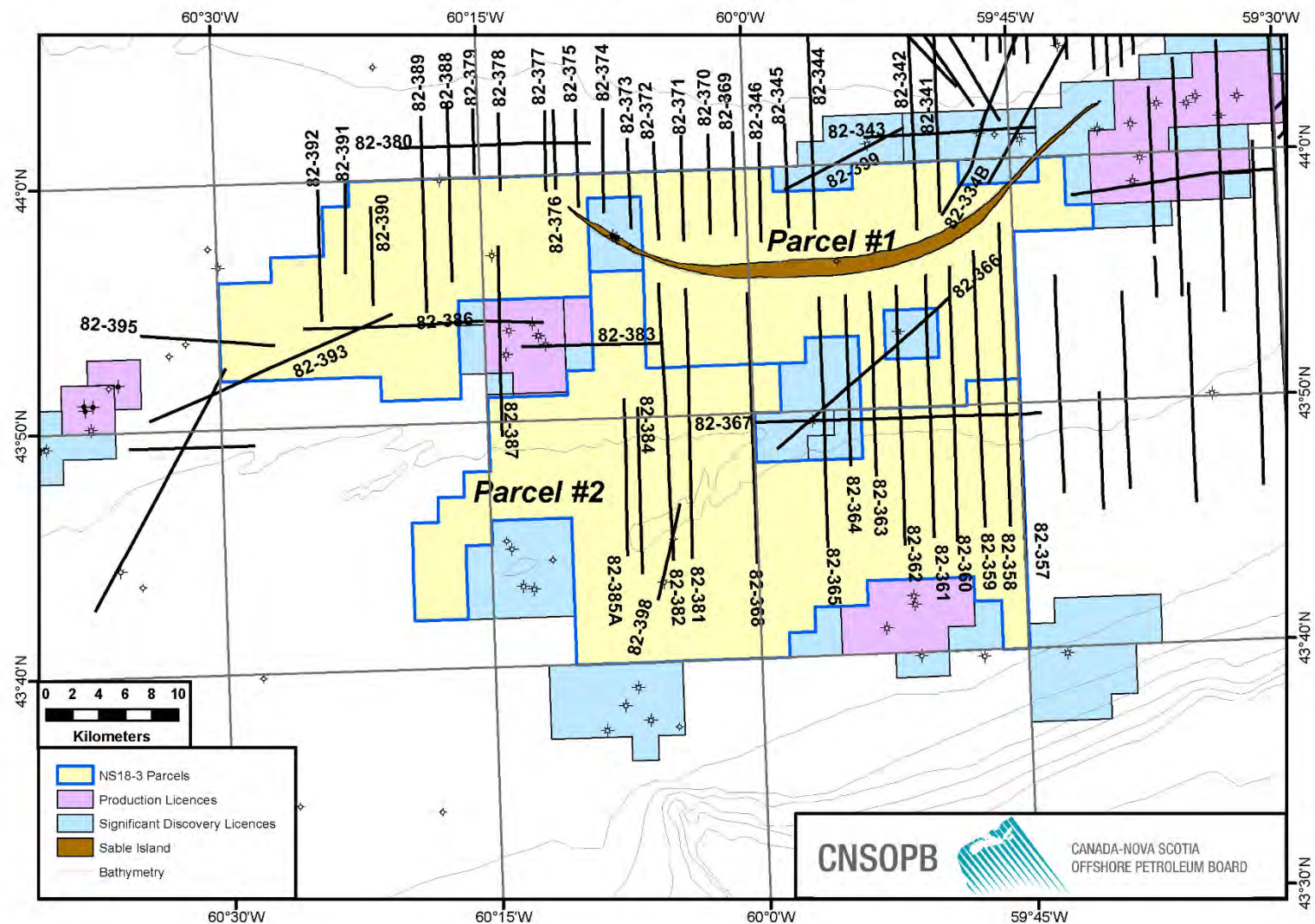


Figure 10: Location Map for

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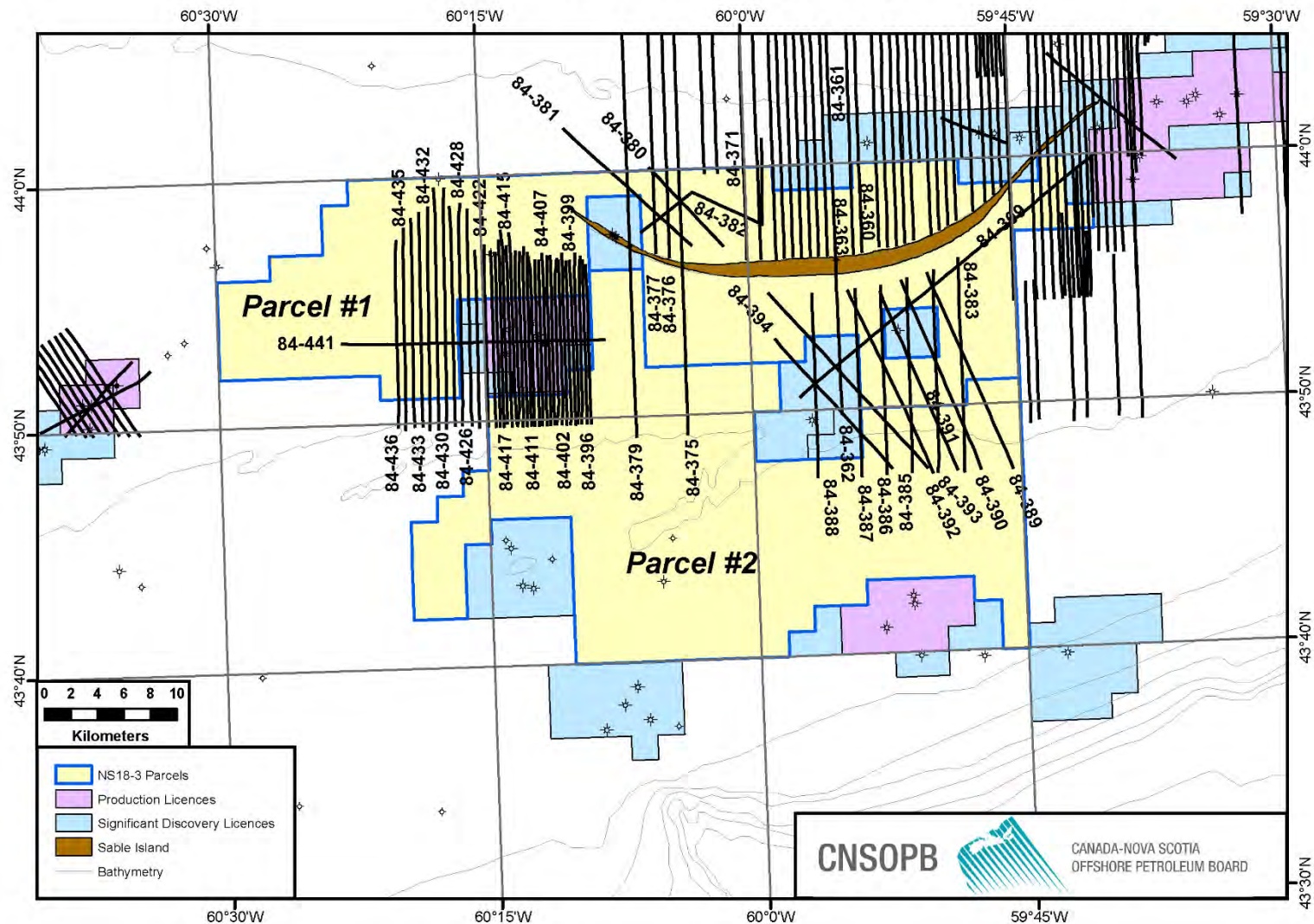


Figure 11: Location Map for

8624-P028-073E (1985)

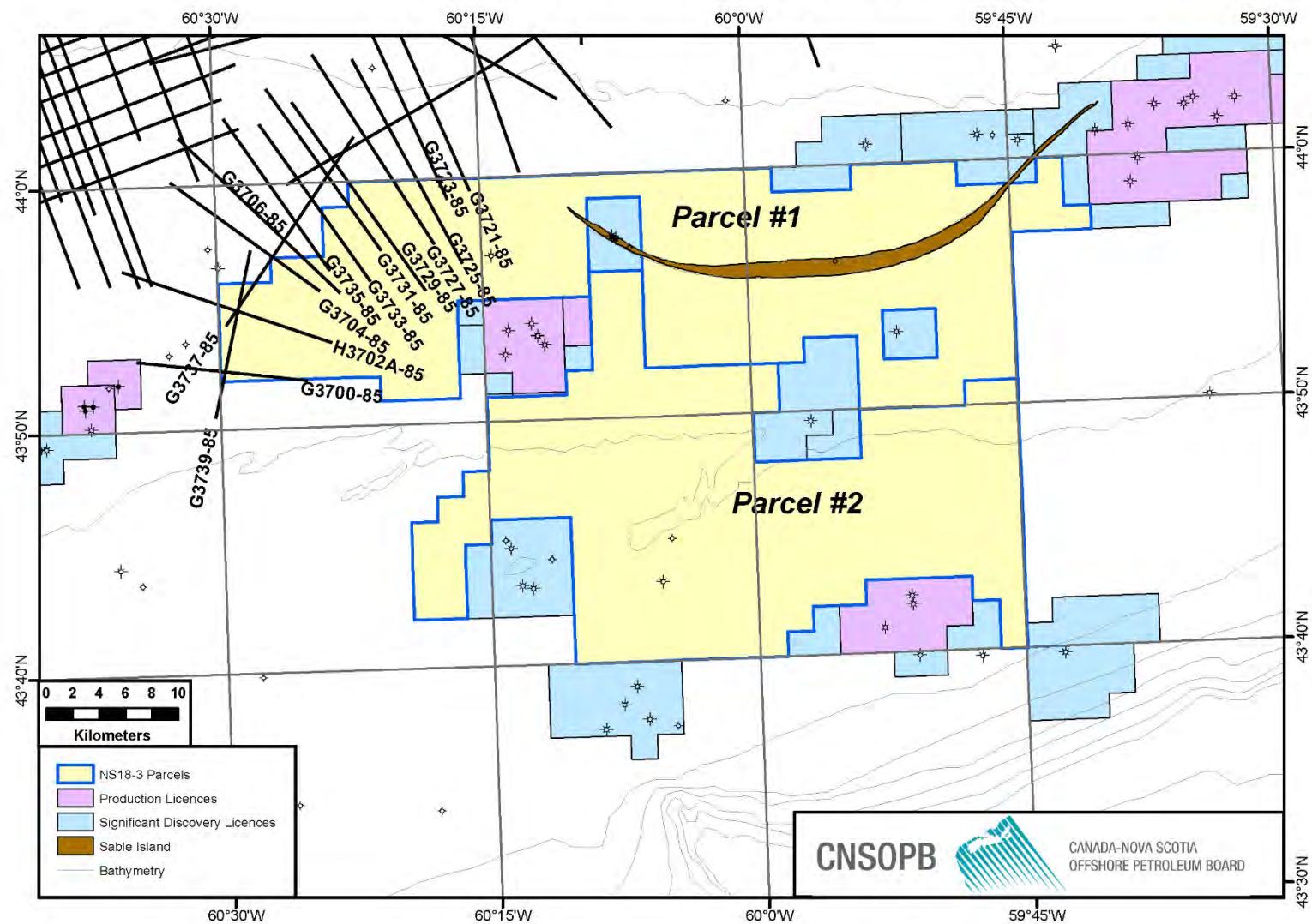


Figure 12: Location Map for

8624-S006-027E (1981)

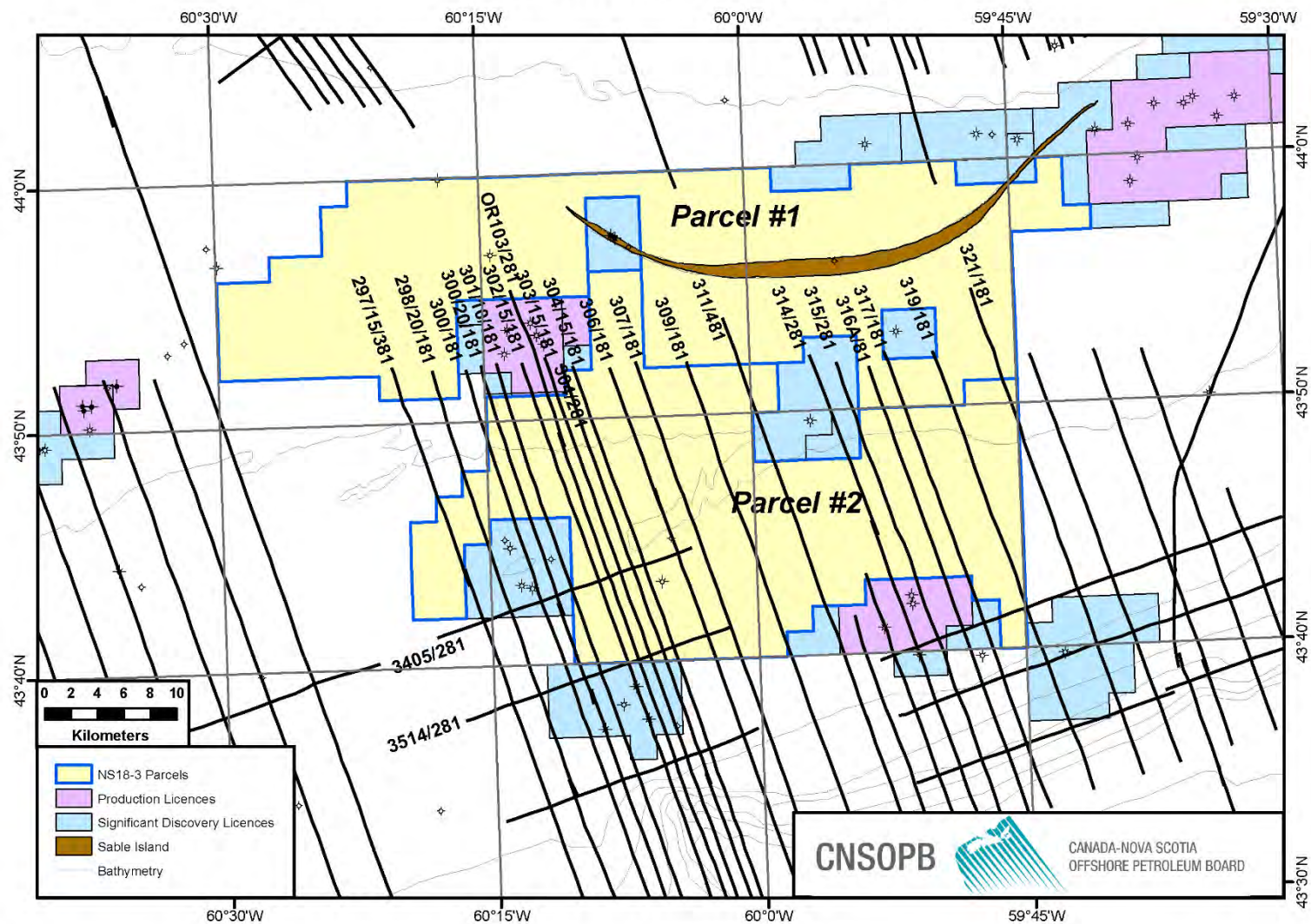


Figure 13: Location Map for

8624-S006-033E (1982)

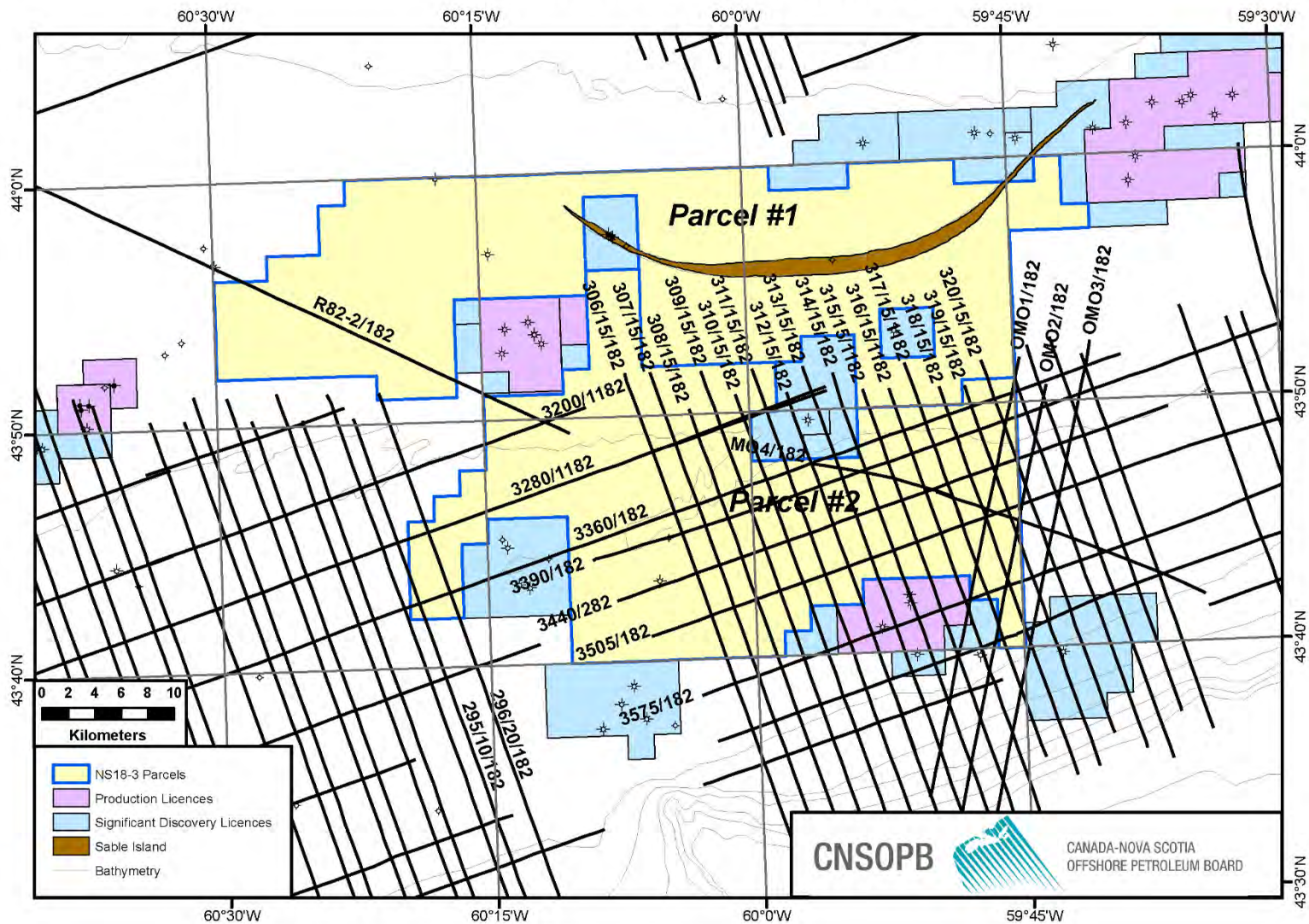


Figure 14: Location Map for

8624-S006-035E (1983)

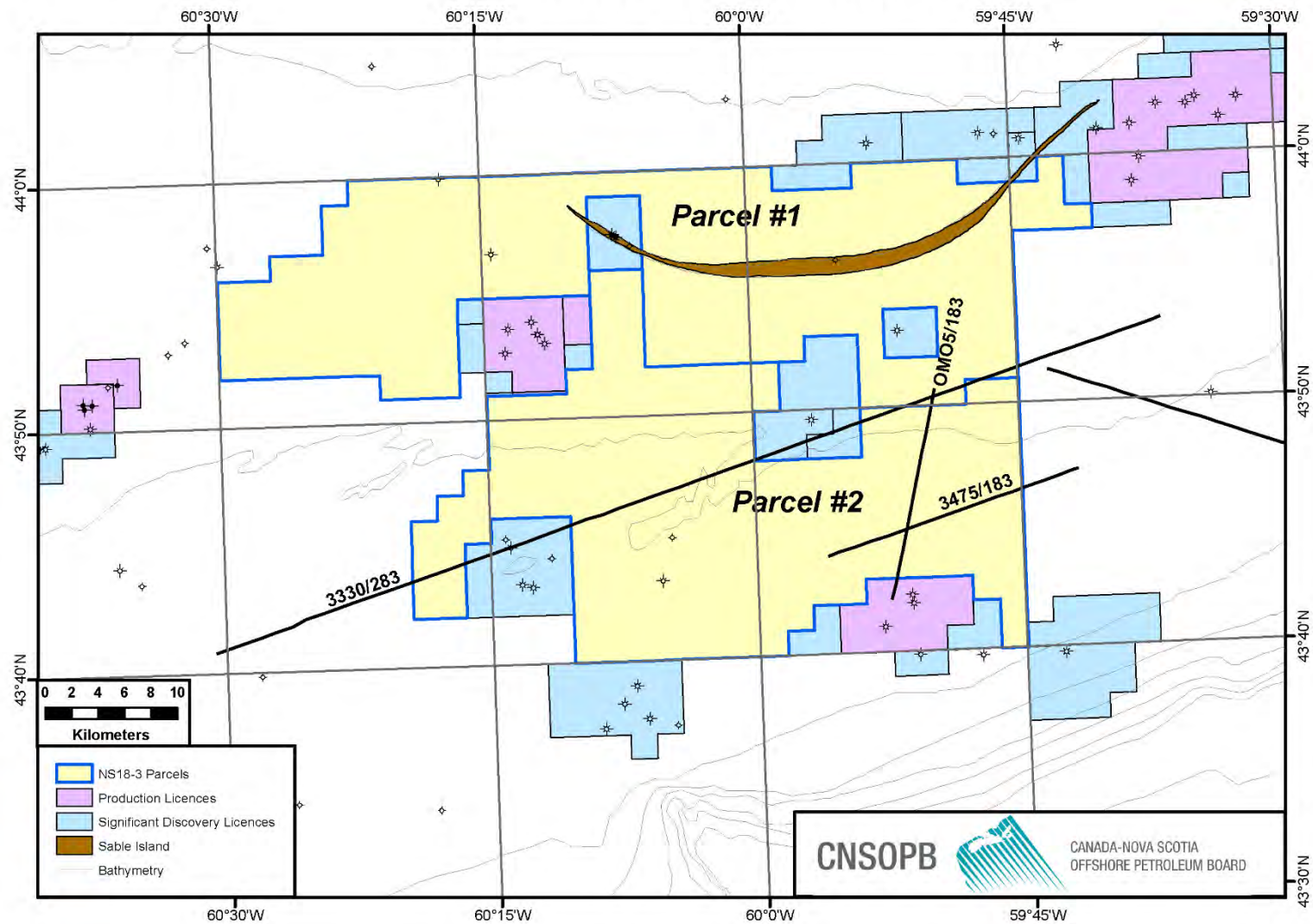


Figure 15: Location Map for

8624-S006-041E (1985)

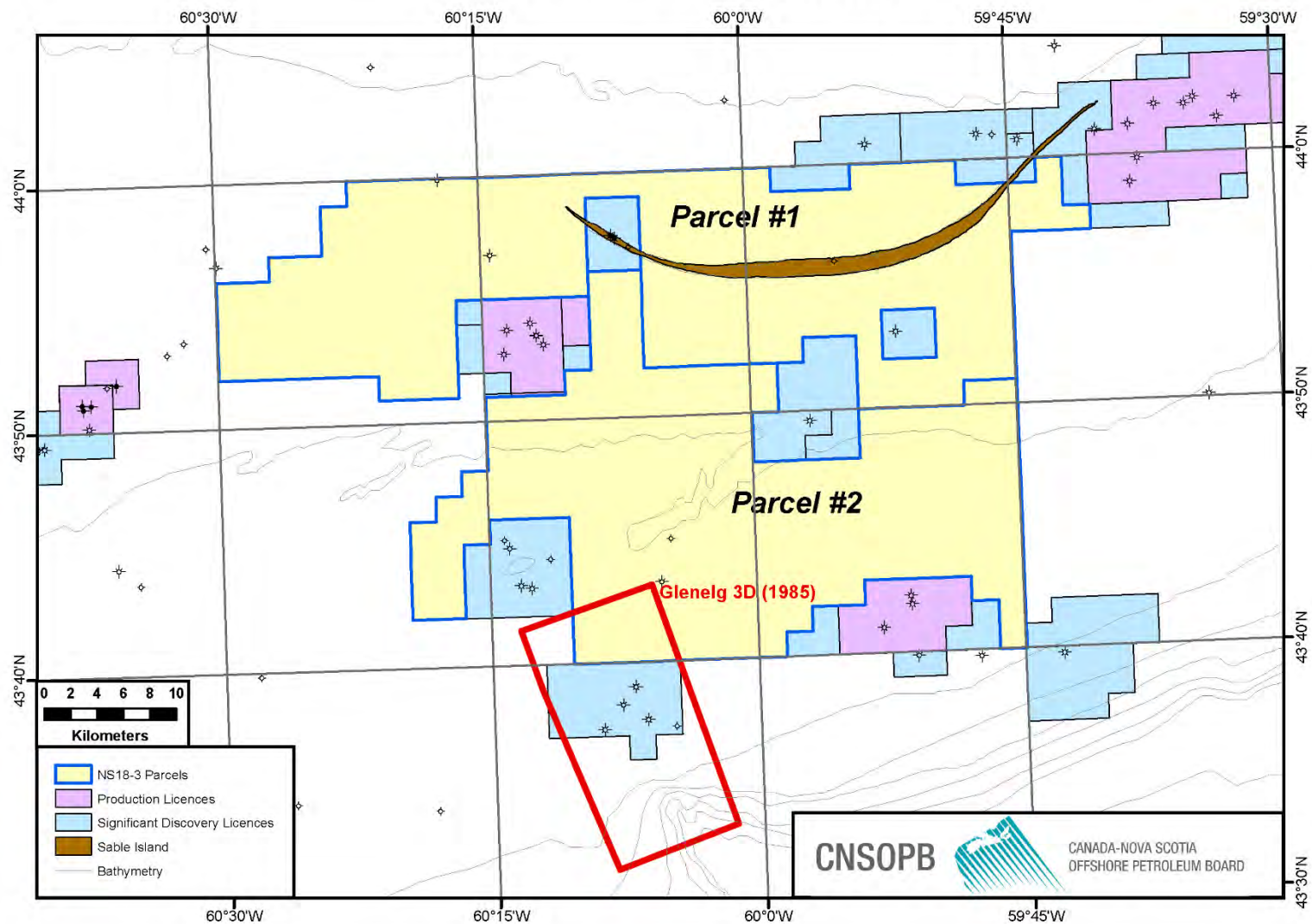


Figure 16: Location Map for

8624-S006-048E (1985)

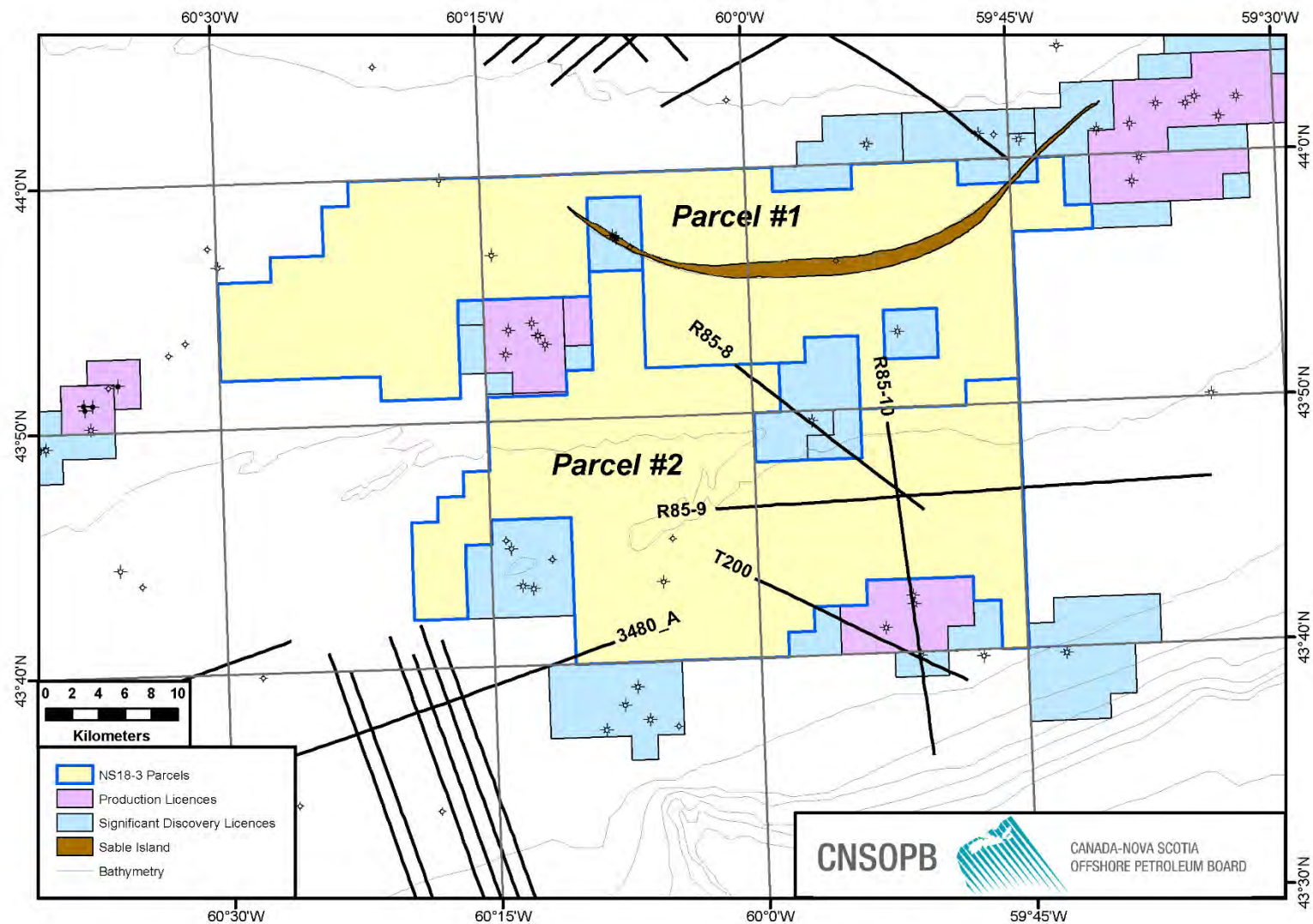


Figure 17: Location Map for

8624-S006-050E (1987)

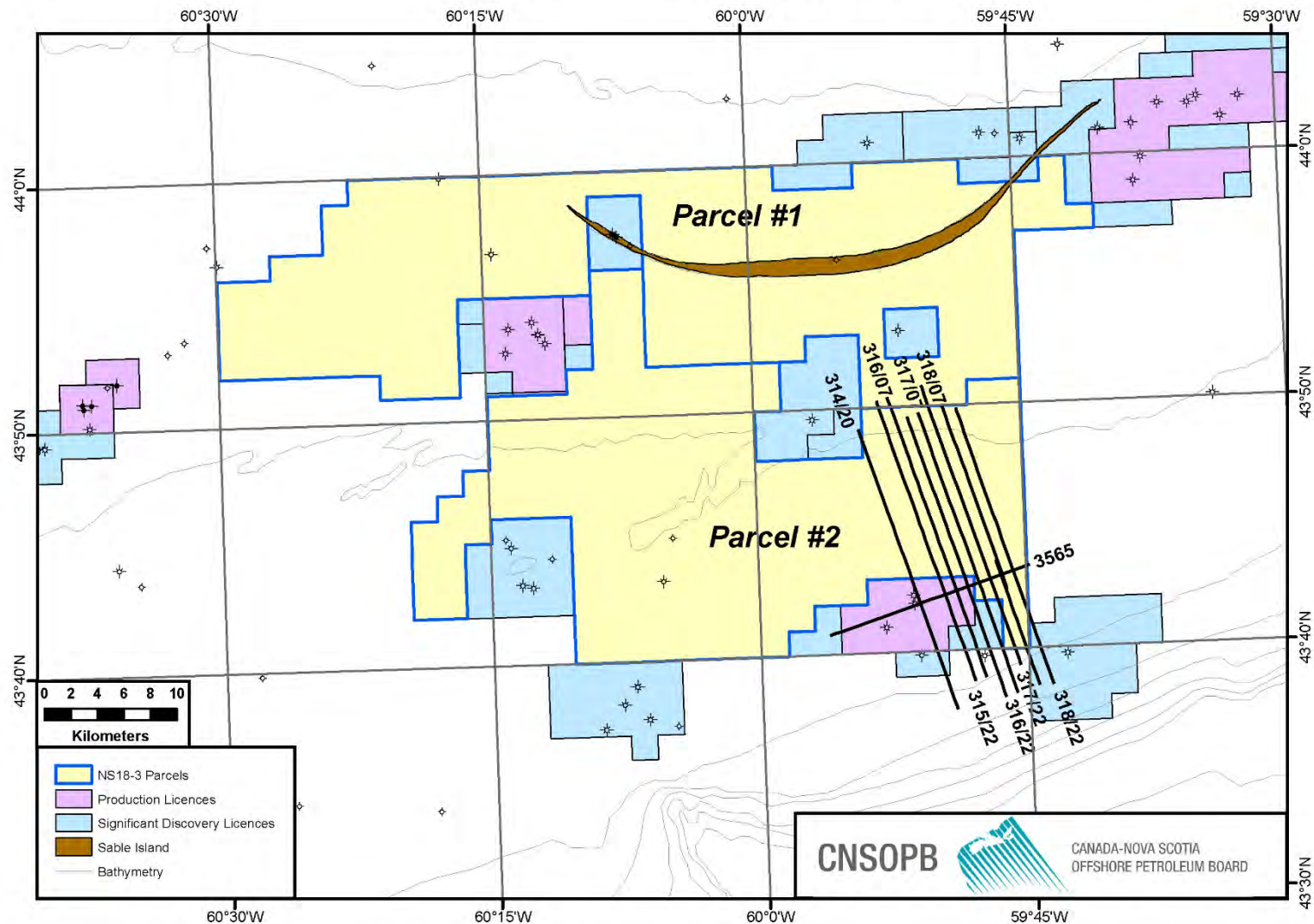


Figure 18: Location Map for

8624-W013-001P (1983)

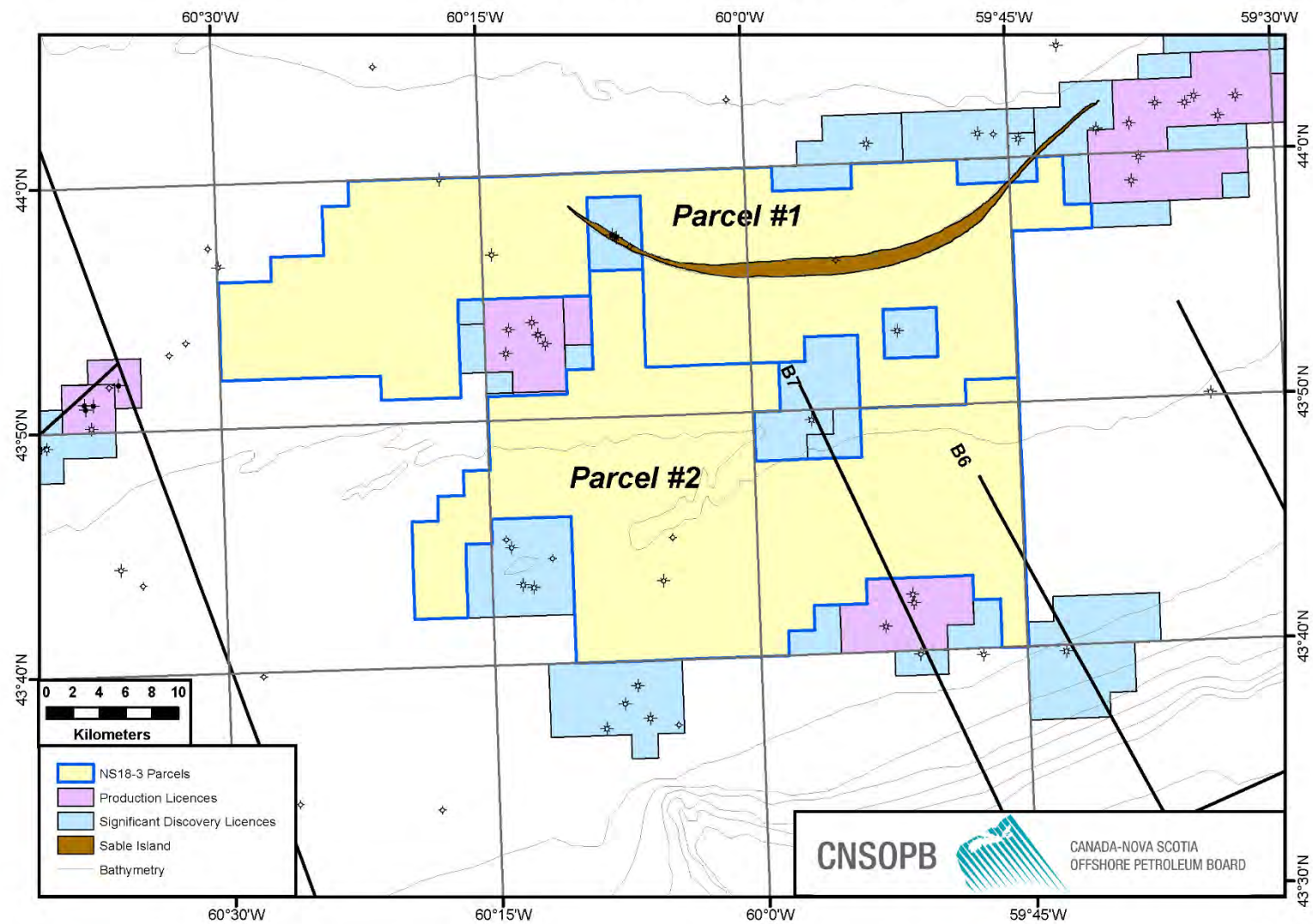


Figure 19: Location Map for

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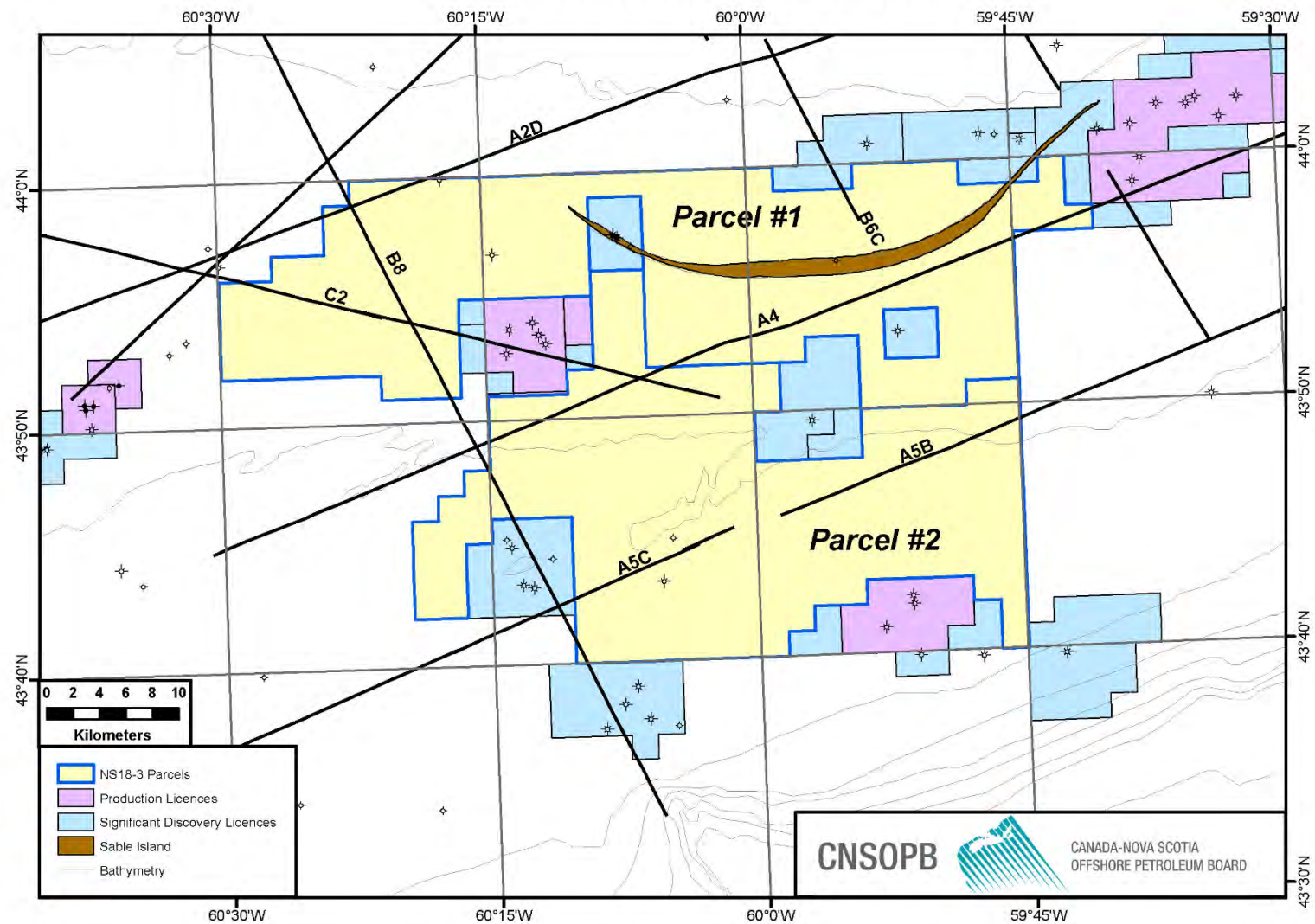


Figure 20: Location Map for

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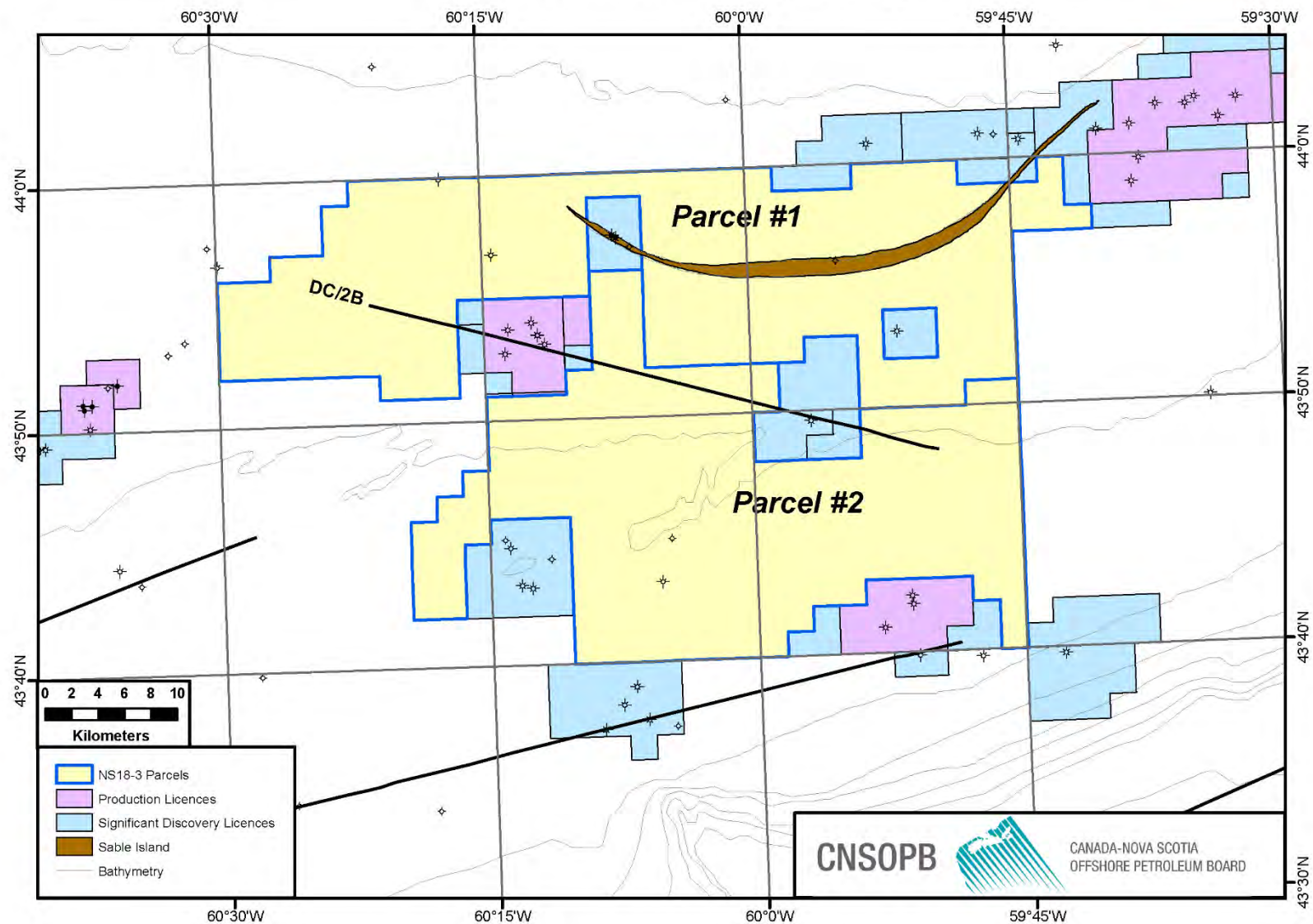


Figure 21: Location Map for

NS24-G005-001P (1998)

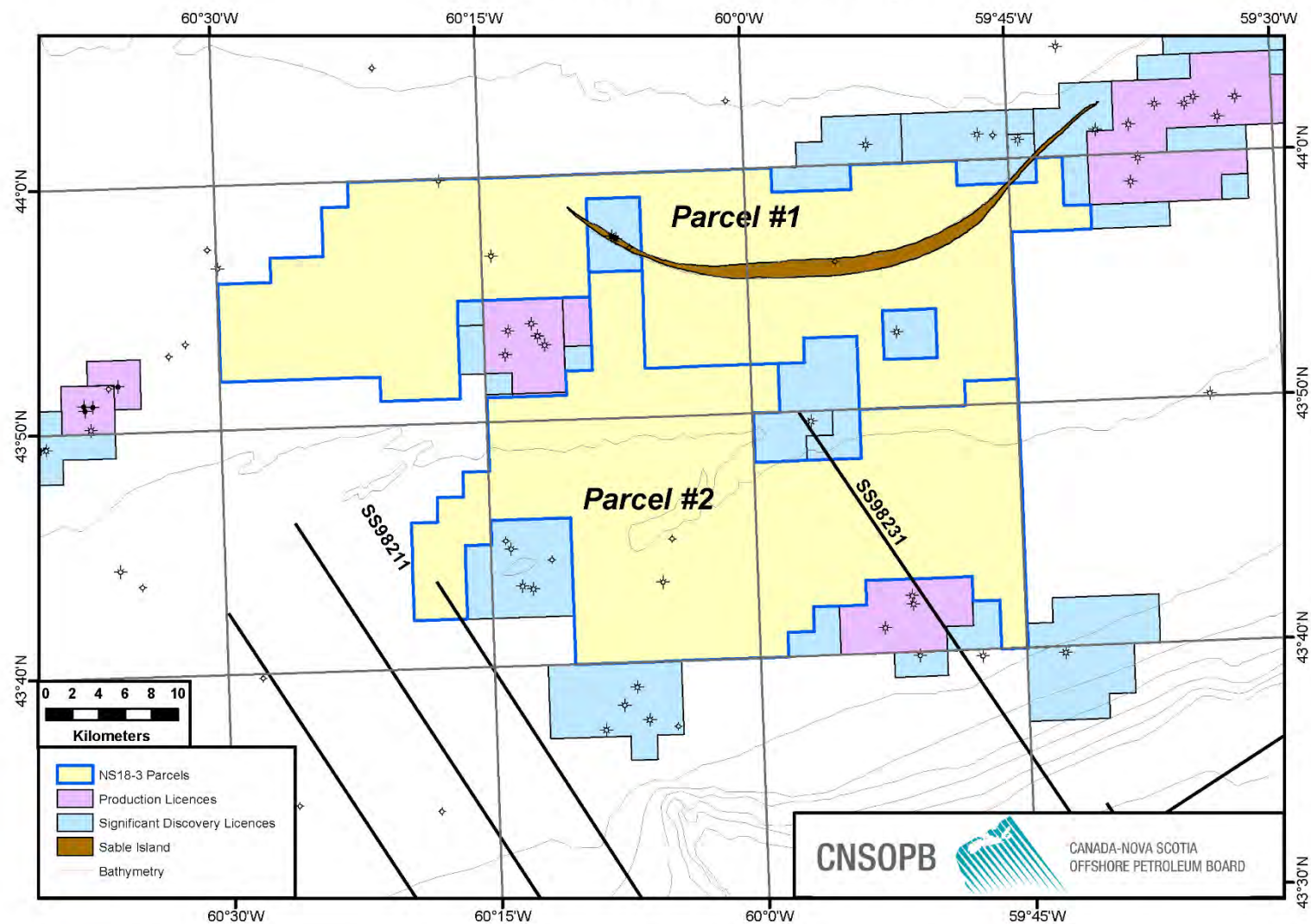


Figure 22: Location Map for

NS24-G005-002P (1999)

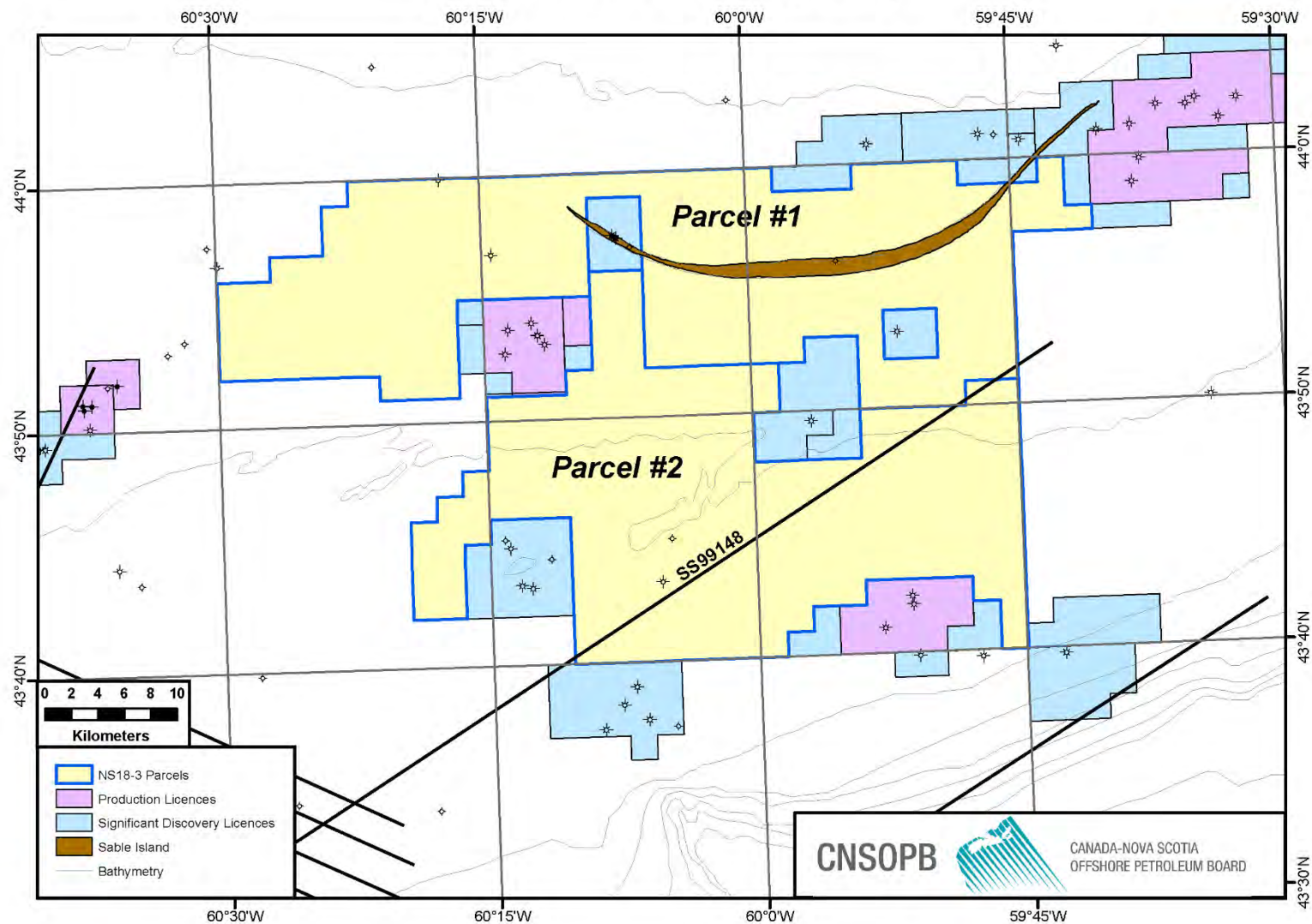
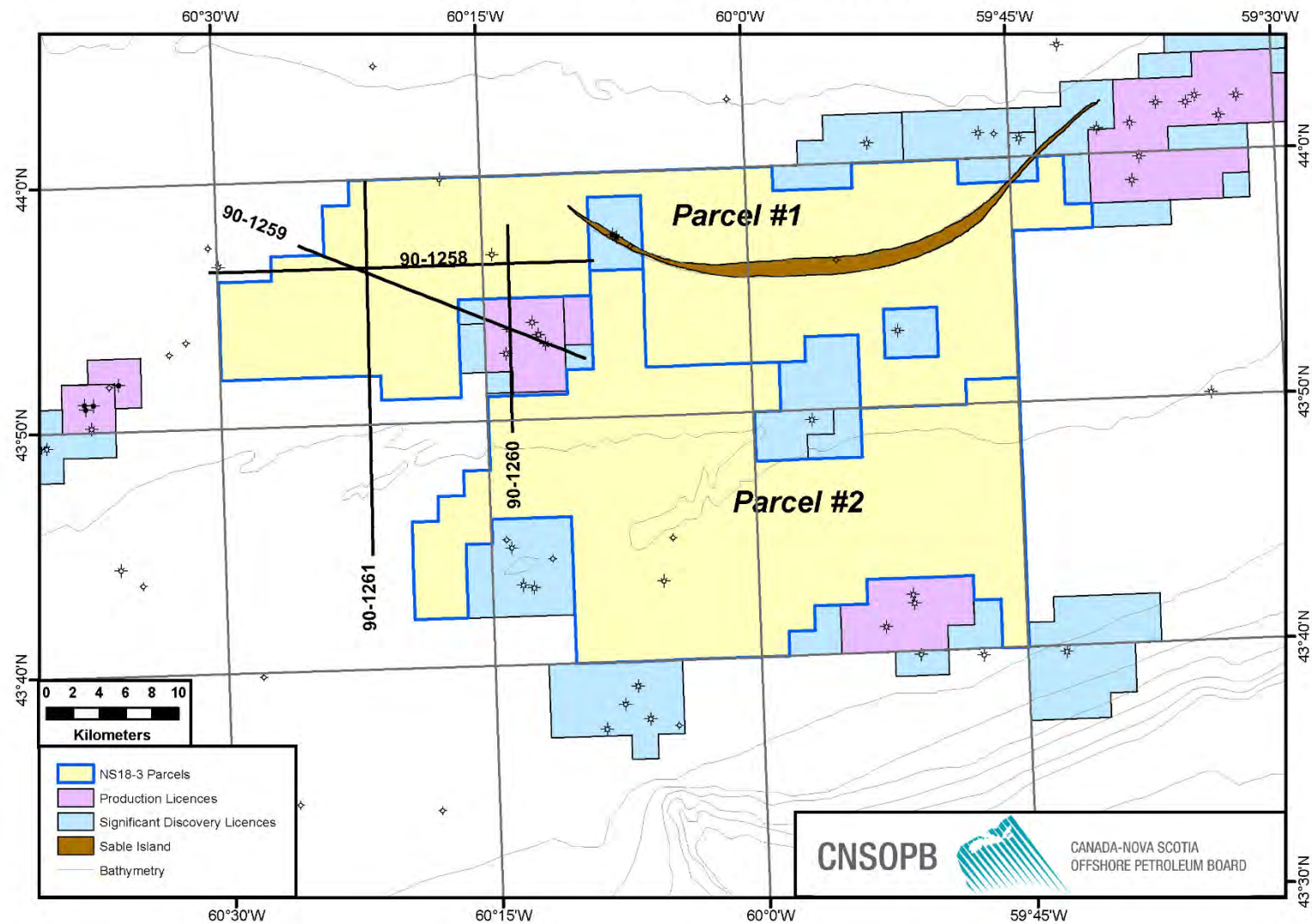


Figure 23: Location Map for

NS24-M003-001E (1990)



60°30'W 60°15'W 60°0'W 59°45'W 59°30'W

44°0'N 43°50'N 43°40'N 43°30'N

0 2 4 6 8 10
Kilometers

NS18-3 Parcels
Production Licences
Significant Discovery Licences
Sable Island
Bathymetry

Parcel #1

Parcel #2

91-1423 91-1425 91-1427 91-1429 91-1431 91-1433 91-1435 91-1437 91-1439 91-1441 91-1443 91-1445 91-1447 91-1449 91-1451 91-1453 91-1455 91-1457 91-1459 91-1536 8851-06 91-1542 91-1461 91-1463 91-1464 91-1465A 91-1466A 91-1467 91-1435A 91-1543A 91-1458 91-1460A 91-1457 91-1448 91-1450 91-1454 91-1424 91-1426 91-1428 91-1430 91-1432 91-1434 91-1436 91-1438 91-1440 91-1442 91-1444B 91-1446 91-1416

CNSOPB CANADA-NOVA SCOTIA OFFSHORE PETROLEUM BOARD

Figure 25: Location Map for

NS24-M003-003E (1996)

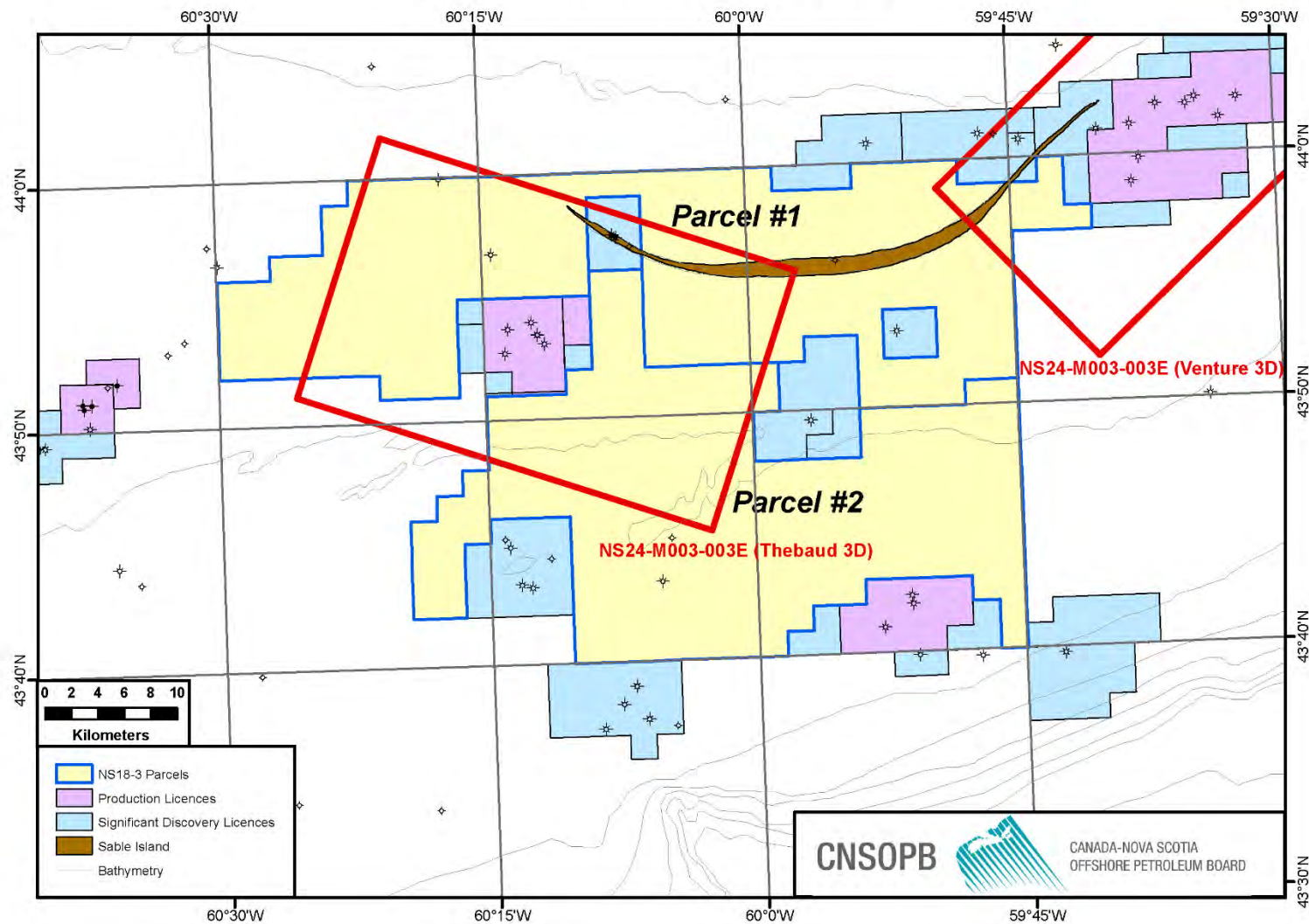


Figure 26: Location Map for

NS24-M003-006E (1997)

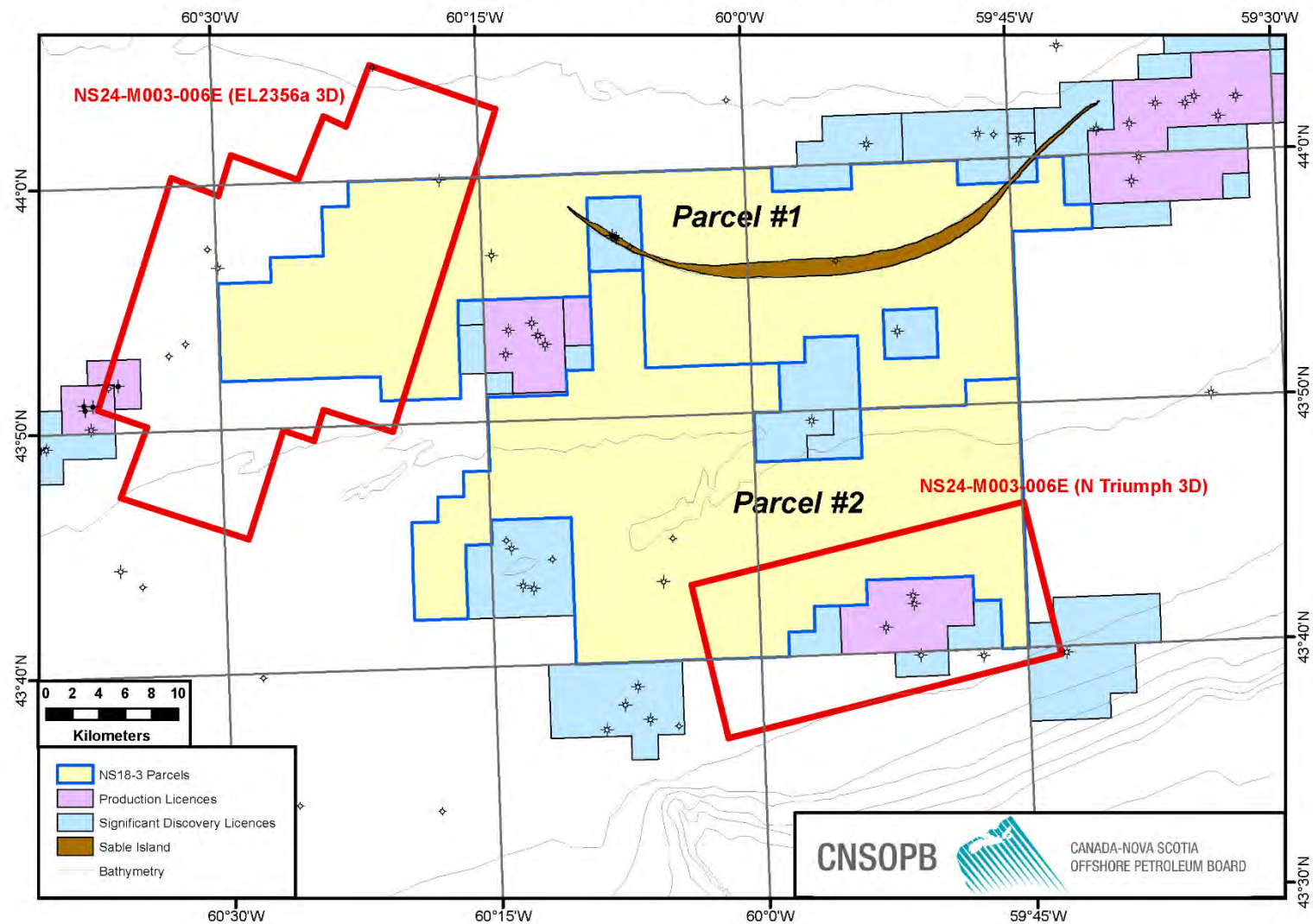


Figure 27: Location Map for

NS24-M003-007E (1998)

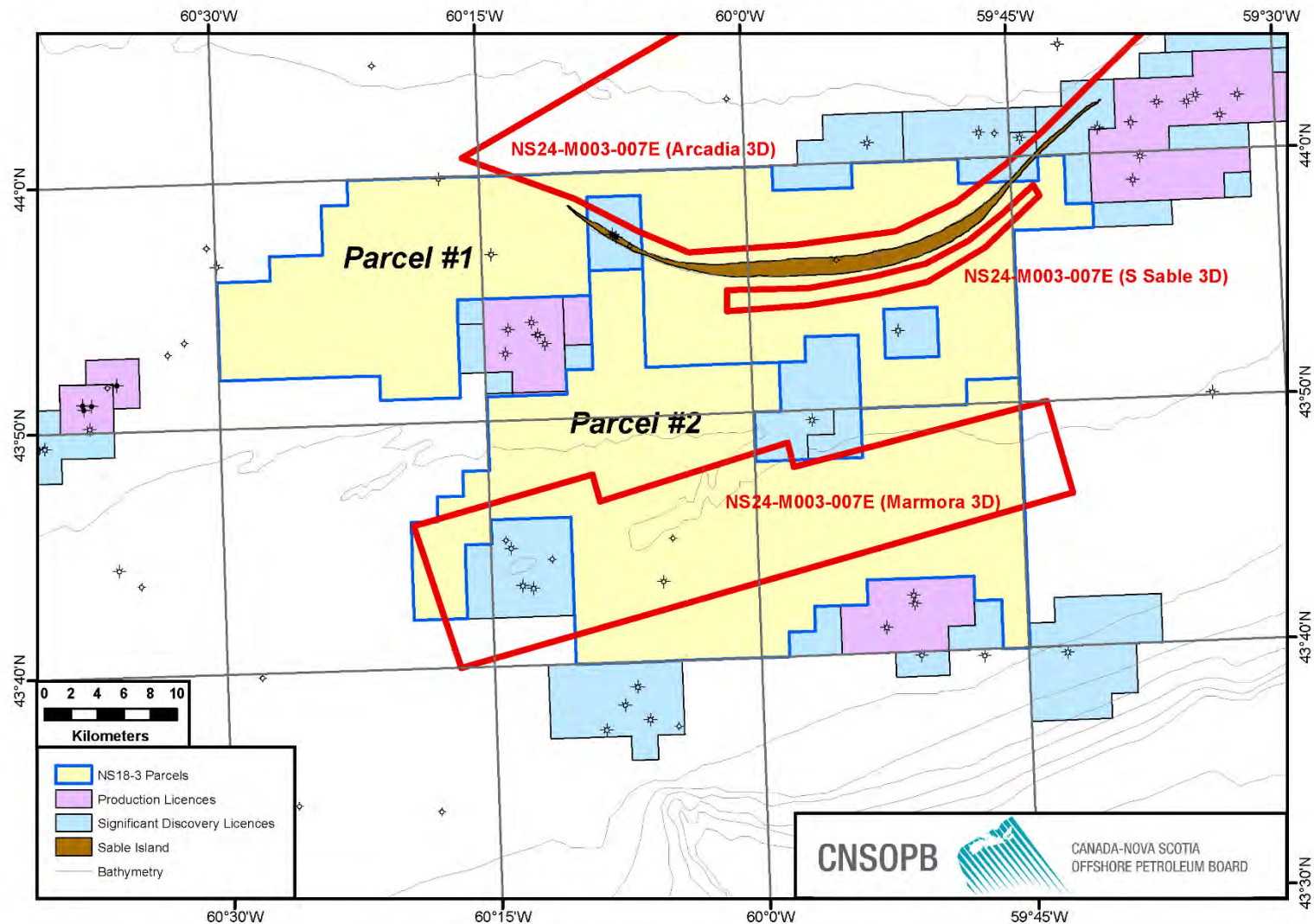


Figure 28: Location Map for

NS24-M003-009E (1999)

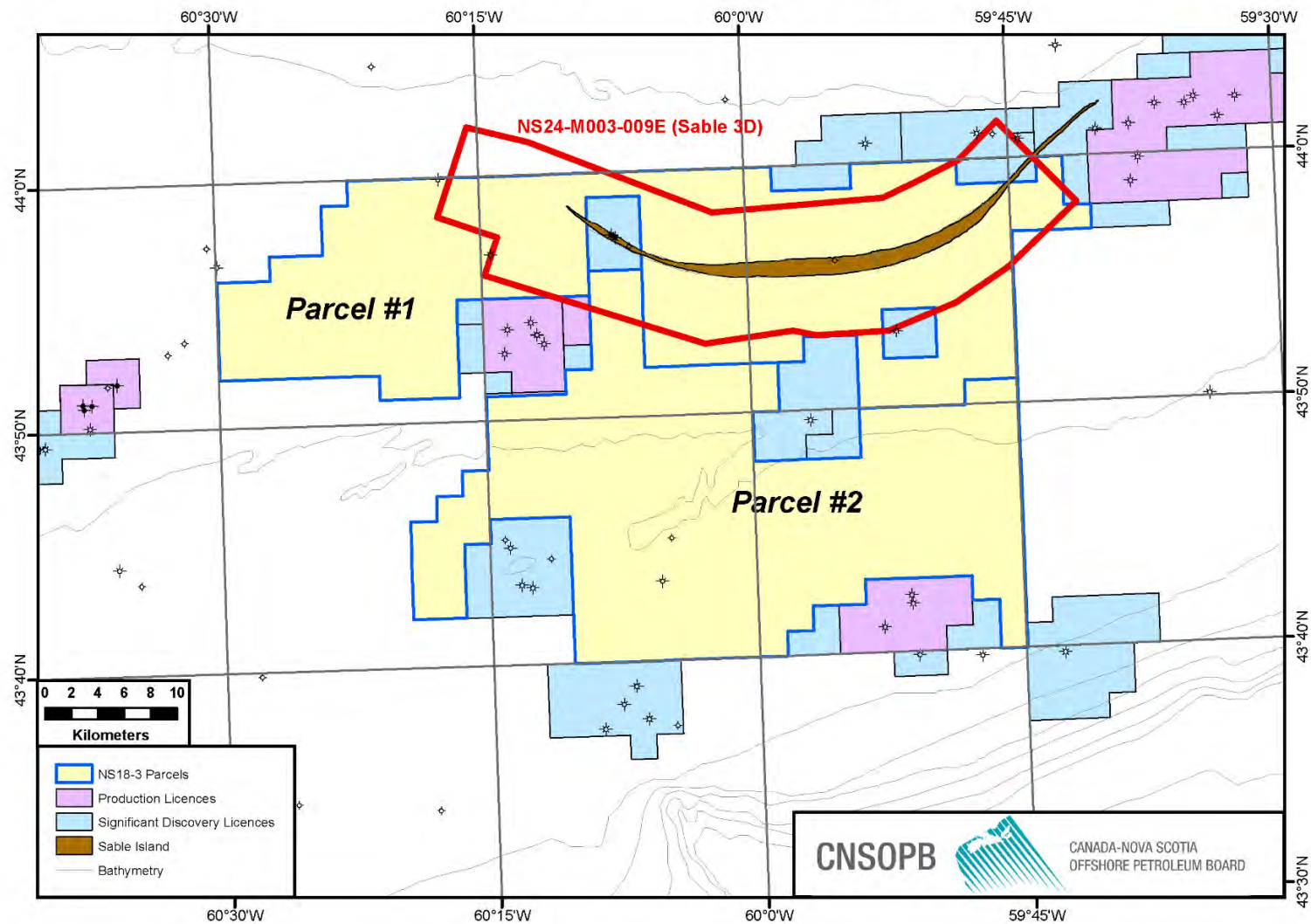
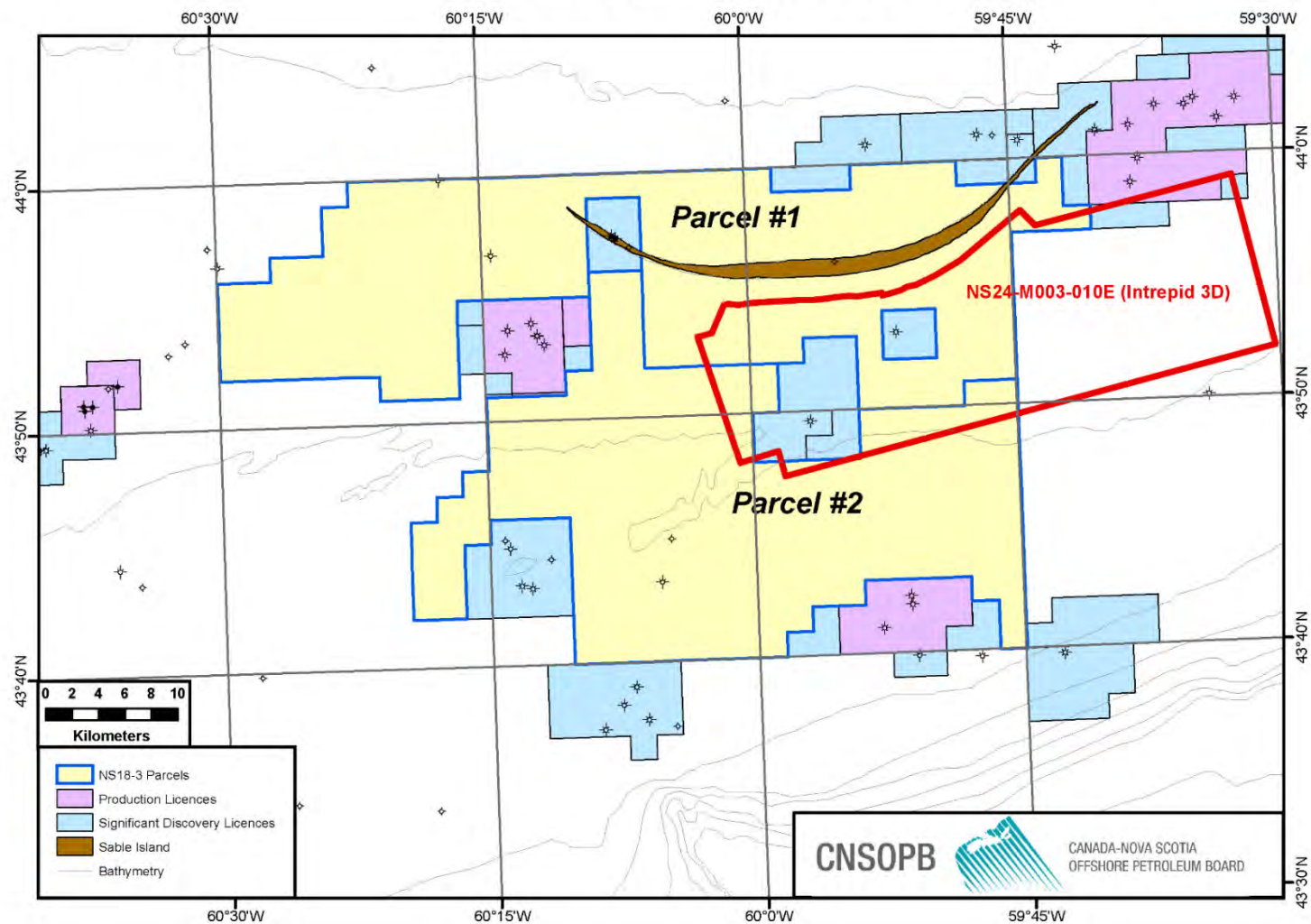


Figure 29: Location Map for

NS24-M003-010E (1999)



8. Seismic Data Information Contacts

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DMC: <https://cnsopbdmc.ca/>

B. Natural Resources Canada

Geoscience Data Repository for Geophysical Data

Website: <http://gdr.agg.nrcan.gc.ca/gdrdap/dap/search-eng.php>

C. Geological Survey of Canada (Atlantic)

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NOTES: