CANADA-NOVA SCOTIA
OFFSHORE PETROLEUM BOARD

GEOLOGICAL & GEOPHYSICAL

INFORMATION AVAILABLE

ON

CALL FOR BIDS NS13-1

April 2013

BOARD INFORMATION

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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 NS13-1 area (see Figure 1a) in the Nova Scotia offshore.

Additional information may be obtained from the CNSOPB's "Information on Well Data, Geologic Data, Geophysical Data and Land Rights", February 2013.

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
A012 Austin Exploration
A014 Aqua Terra
A024 Amoco Production Co.
B003 B. P. O. P
B004 Banner Petroleum Limited
B011 Bow Valley
C002 Canadian Export Oil & Gas
C004 Chevron Canada
C012 Canadian Reserve Oil & Gas
C015 Caravel/Catalina Exploration
C020 Canadian Superior
C033 Canadian Ashland Exploration
C034 Central Del-Rio Oils
C039 Cavalier Energy Inc.
C055 Canterra
C146 Canadian Superior Energy Inc.
D001 Digicon Exploration
D003 Dome Petroleum
D004 Delta Exploration
D009 Dome Canada
D015 Dalhousie University
E006 Exxon
E040 ExxonMobil Canada Properties
E043 EnCana Corporation
G001 Gulf Canada Resources
G005 Geophysical Services Inc.
G011 Geophoto Services
G014 Great Plains Development
G020 Gebco (US) Inc.
G026 Geco Geophysical Canada Ltd.
G041 Government of Canada
G065 Geco-Prakla
G075 GX Technology
H005 Home Oil
H006 Husky Oil Operations Ltd.
H007 Hudson's Bay Oil & Gas
J001 ESSO Resources
J008 ICG Resources
J013 Jebco Surveys

L023 LASMO Nova Scotia Limited
K006 Kerr, J. William & Associates
M003 Mobil Oil Canada
M006 Murphy Oil
M013 McDermott, J. R
M055 Marathon Canada Limited
N005 Norcen Energy Resources
N011 Nova Scotia Resources Limited
O011 Onaping Resources Limited
P003 PanCanadian Petroleum Ltd.
P011 Pacific Petroleums
P028 Petro-Canada
R005 Robertson Research - N. America
S001 Seibens Oil & Gas
S003 Shenandoah Oil
S006 Shell Canada Resources
S008 Sun Oil
S009 Scurry-Rainbow Oil
S014 SOQUIP
S016 Sultan Exploration
S024 Seiscan Delta
S047 Simin. Expl. Consultants Ltd.
S092 St. Mary's University
T007 Texaco Canada
T013 Transalta Oil & Gas
T021 Texaco Canada Resources
T036 Teknica Resource Development Ltd.
T063 TGS-NOPEC Geophysical Company
U003 Union Oil
V001 Voyager Petroleums
V003 Veritas Seismic
W006 Western Decalta
W013 Western Geophysical
W030 WesternGeco Canada

- **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 NS13-1

Parcel 1 **Western Block** (Search Co-ordinates)

N. Latitude	44.25	E. Latitude	-59.60
S. Longitude	43.93	W. Longitude	-60.50

Confidential Programs	**Year**	**Location Map**
NS24-G075-003P	2003	Figure 17

Off Confidential Programs	**Year**	**Location Map**
NS24-G005-004P	2002	Figure 13
NS24-G005-007P	2001	Figure 14
NS24-W030-001P	2001	Figure 59
NS24-P003-003E	2000	Figure 40
NS24-M003-007E	1998	Figure 24
NS24-N011-001E	1992	Figure 36
8624-P028-073E	1985	Figure 47
8624-S006-048E	1985	Figure 55
8620-N011-001E	1985	Figure 39
8624-P028-072E	1985	Figure 46
8624-M003-049E	1984	Figure 35
8624-W013-002P	1984	Figure 61
8624-G005-007P	1984	Figure 16
8624-S006-043E	1984	Figure 53
8620-J008-001E	1983	Figure 22
8620-S014-006E	1983	Figure 56
8624-B011-004E	1983	Figure 02
8624-N005-002E	1983	Figure 38
8624-S006-037E	1983	Figure 52
8624-W013-001P	1983	Figure 60
8624-B011-006E	1983	Figure 04
8624-M003-047E	1983	Figure 34
8624-M003-044E	1982	Figure 33
8624-S006-033E	1982	Figure 51
8624-B011-003E	1982	Figure 01
8624-M003-035E	1980	Figure 31
8624-S006-023E	1980	Figure 49
8624-S006-027E	1980	Figure 50
8624-M003-033E	1979	Figure 30
8624-S006-020E	1976	Figure 48
8624-M003-025E	1975	Figure 29
8624-M003-010E	1972	Figure 27
8624-C020-001E	1972	Figure 08
8620-C020-001E	1971	Figure 07
8624-M003-004E	1971	Figure 26
8624-M003-002E	1970	Figure 25

Parcel 2 **Western Block** (Search Co-ordinates)

N. Latitude	45.00	E. Longitude	-59.48
S. Latitude	44.21	W. Longitude	-60.25

Confidential Programs	**Year**	**Location Map**

NS24-G075-003P	2003	Figure 17

Off Confidential Programs	**Year**	**Location Map**
NS24-G005-004P	2002	Figure 13
NS24-G005-007P	2001	Figure 14
NS24-W030-001P	2001	Figure 59
NS24-P003-003E	2000	Figure 40
8624-P028-072E	1985	Figure 46
8624-P028-073E	1985	Figure 47
8624-S006-048E	1985	Figure 55
8624-W013-005P	1985	Figure 62
8624-G005-007P	1984	Figure 16
8624-S006-043E	1984	Figure 53
8624-W013-002P	1984	Figure 61
8620-J008-001E	1983	Figure 22
8620-S014-006E	1983	Figure 56
8624-B011-006E	1983	Figure 04
8624-P028-029E	1983	Figure 43
8624-S006-037E	1983	Figure 52
8624-B011-003E	1982	Figure 01
8624-C020-001E	1982	Figure 08
8624-G005-006P	1982	Figure 15
8624-N005-002E	1982	Figure 38
8624-S006-033E	1982	Figure 51
8624-H007-010E	1981	Figure 20
8624-S006-023E	1980	Figure 49
8624-S006-027E	1980	Figure 50
8624-M003-025E	1975	Figure 29
8620-C020-001E	1971	Figure 07

***Parcel* 3** (Search Co-ordinates)

N. Latitude	45.00	E. Longitude	-59.10
S. Latitude	44.12	W. Longitude	-59.65

Confidential Programs	**Year**	**Location Map**
NS24-G075-003P	2003	Figure 17

Off Confidential Programs	**Year**	**Location Map**
NS24-G005-007P	2001	Figure14
NS24-W030-001P	2001	Figure 59
NS24-P003-003E	2000	Figure 40
NS24-J014-001P	1998	Figure 21
NS24-M003-007E	1998	Figure 24
8624-P028-072E	1985	Figure 46
8624-S006-048E	1985	Figure 55
8624-W013-005P	1985	Figure 62
8624-G005-007P	1984	Figure 16
8624-M003-049E	1984	Figure 35
8624-S006-043E	1984	Figure 53
8624-W013-002P	1984	Figure 61
8620-J008-001E	1983	Figure 22
8620-S014-006E	1983	Figure 56
8624-B011-006E	1983	Figure 04

8624-B011-004E	1983	Figure 02
8624-B011-003E	1983	Figure 01
8624-H005-001E	1983	Figure 18
8624-M003-047E	1983	Figure 34
8624-P028-029E	1983	Figure 43
8624-S006-037E	1983	Figure 52
8620-J008-007E	1982	Figure 23
8624-C055-003E	1982	Figure 09
8624-D003-003E	1982	Figure 11
8624-N005-002E	1982	Figure 38
8624-M003-044E	1982	Figure 33
8624-S006-033E	1982	Figure 51
8624-H007-010E	1981	Figure 20
8624-M003-041E	1981	Figure 32
8624-M003-035E	1980	Figure 31
8624-S006-023E	1980	Figure 49
8624-M003-033E	1979	Figure 30
8624-M003-025E	1975	Figure 29
8624-C020-001E	1972	Figure 08
8624-M003-010E	1972	Figure 27
8620-C020-001E	1971	Figure 07
8624-M003-004E	1971	Figure 26
8624-M003-002E	1970	Figure 25

Parcel 4 (Search Co-ordinates)

N. Latitude	45.00	E. Longitude	-58.50
S. Latitude	43.95	W. Longitude	-59.10

Confidential Programs	**Year**	**Location Map**
NS24-G075-003P	2003	Figure 17

Off Confidential Programs	**Year**	**Location Map**
NS24-W030-001P	2001	Figure 59
NS24-G005-002P	2000	Figure 12
NS24-J014-001P	1998	Figure 21
NS24-W013-001P	1998	Figure 58
Lithoprobe 1989	1989	Figure 63
8624-P028-072E	1985	Figure 46
8624-W013-005P	1985	Figure 62
8624-G005-007P	1984	Figure 16
8624-S006-043E	1984	Figure 53
8624-S006-045E	1984	Figure 54
8624-W013-002P	1984	Figure 61
8620-S014-006E	1983	Figure 56
8624-B011-004E	1983	Figure 02
8624-B011-006E	1983	Figure 04
8624-H005-001E	1983	Figure 18
8624-S006-037E	1983	Figure 52
8620-J008-007E	1982	Figure 23
8624-B011-003E	1982	Figure 01
8624-C055-003E	1982	Figure 09
8624-D003-003E	1982	Figure 11
8624-P028-029E	1982	Figure 43

8624-P028-036E	1982	Figure 44
8624-S006-033E	1982	Figure 51
8624-H007-010E	1981	Figure 20
8624-M003-041E	1981	Figure 32
8624-P028-015E	1981	Figure 41
8624-P028-028E	1981	Figure 42
8624-S006-023E	1980	Figure 49
8624-S006-027E	1980	Figure 50
8624-C020-001E	1972	Figure 08
8620-C020-001E	1971	Figure 07
8624-M003-002E	1970	Figure 25

Parcel 5 (Search Co-ordinates)

N. Latitude	45.20	E. Longitude	-57.87
S. Latitude	44.20	W. Longitude	-58.50

Confidential Programs	**Year**	**Location Map**
NS24-T063-002P	2002	Figure 57
NS24-G075-003P	2003	Figure 17

Off confidential Programs	**Year**	**Location Map**
NS24-W030-001P	2001	Figure 59
NS24-G005-002P	2000	Figure 12
NS24-J014-001P	1998	Figure 21
NS24-W013-001P	1998	Figure 58
8624-P028-072E	1985	Figure 46
8624-S006-048E	1985	Figure 55
8624-W013-005P	1985	Figure 62
8624-B011-008E	1984	Figure 06
8624-B011-007E	1984	Figure 05
8624-G005-007P	1984	Figure 16
8624-H005-002E	1984	Figure 19
8624-S006-043E	1984	Figure 53
8620-S014-006E	1983	Figure 56
8624-B011-005E	1983	Figure 03
8624-H005-001E	1983	Figure 18
8624-N005-002E	1983	Figure 38
8624-W013-001P	1983	Figure 60
8620-J008-007E	1982	Figure 23
8624-B011-003E	1982	Figure 01
8624-C055-003E	1982	Figure 09
8624-D003-003E	1982	Figure 11
8624-N005-001E	1982	Figure 37
8624-P028-029E	1982	Figure 43
8624-P028-036E	1982	Figure 44
8624-P028-046E	1982	Figure 45
8624-S006-033E	1982	Figure 51
8624-H007-010E	1981	Figure 20
8624-M003-041E	1981	Figure 32
8624-P028-028E	1981	Figure 42
8624-P028-015E	1981	Figure 41
8624-S006-023E	1980	Figure 49
8624-C020-001E	1972	Figure 08

8624-M003-012E	1972	Figure 28
8620-C020-001E	1971	Figure 07
8624-M003-004E	1971	Figure 26
8624-M003-002E	1970	Figure 25

Parcel 6 (Search Co-ordinates)

N. Latitude	45.20	E. Longitude	-57.25
S. Latitude	44.33	W. Longitude	-57.87

Confidential Programs	**Year**	**Location Map**
NS24-T063-002P	2002	Figure 57
NS24-G075-003P	2003	Figure 17

Off Confidential Programs	**Year**	**Location Map**
NS24/8924-C149-001E	2004	Figure 10
NS24-W030-001P	2001	Figure 59
NS24-G005-002P	2000	Figure 12
NS24-J014-001P	1998	Figure 21
NS24-W013-001P	1998	Figure 58
8624-P028-072E	1986	Figure 46
8624-B011-007E	1984	Figure 05
8624-B011-008E	1984	Figure 06
8624-G005-007P	1984	Figure 16
8624-W013-005P	1984	Figure 61
8624-N005-002E	1983	Figure 38
8620-S014-006E	1983	Figure 56
8624-B011-005E	1983	Figure 03
8624-C055-003E	1982	Figure 09
8620-J008-007E	1982	Figure 23
8624-N005-001E	1982	Figure 37
8624-P028-029E	1982	Figure 43
8624-P028-046E	1982	Figure 45
8624-M003-041E	1981	Figure 32
8624-C020-001E	1972	Figure 08
8620-C020-001E	1971	Figure 07
8624-M003-002E	1970	Figure 25

2. Well Summaries NS13-1

Well Summaries Parcel 1

Kegeshook G-67

WELL SUMMARY

GENERAL INFORMATION

D #	275
Location	44°06’28.87 "N 60°24’31.26” W
Company	Shell/PCI et al
UWI	300G674410060150
Area	Scotian Shelf
Spud Date	June 11, 1985
Well Term. Date	July 30, 1985
Drilling Rig	Glomar Labrador I
Water Depth (m)	62
Rotary Table (m)	37
Total Depth MD (m)	3,540
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
762 mm x 165.5 m	30” x 542.9’
340 mm x 626.5m	13 3/8” x 2,055.4’

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	824.2 (bottom)
Wyandot Fm	824.2
Dawson Canyon Fm	881.2
Petrel Mb	1,034.1 – 1,037.6
Logan Canyon Fm	1,122
Marmora Mb	1,122
Sable Mb	1,363.4
Cree Mb	1,446.5
Naskapi Mb	1,948
Missisauga Fm	2,035.4
Missisauga Upper Mb	2,035.4
(“O” Marker)	2,228
Missisauga Middle Mb	2,298.2
Abenaki Fm	3,113.2
Baccaro Mb	3,113.2

ADDITIONAL REPORTS AND LOGS

Well History Report

Simultaneous Compensated Neutron-Litho Density, Run 1 & 2
Waveform Log, Run 1
Depth Derived Borehole Compensated Sonic Log, Run 1
Repeat Formation Tester, Run 1 & 2
Arrow Plot, Run 1
Directional Survey, Run 1
Core Sample Taker Results, Run 1
Dual Induction, Run 1 & 2
Core Photo's (Slabbed), Core 1-5
Core Analysis
Final Well Report (Mud Report)
Drilling Fluids Summary
Offshore Technical Log
Four-Arm High Resolution Continuous Dipmeter, Run 1
Micropaleontological Summary
Well Seismic Results, Run 1
Well Seismic Report
Simultaneous Compensated Neutron-Litho Density (Reduced Mylar)
Dual Induction (Reduced Mylar)
Cyberlook (Field Print)
Formation Evaluation Log
Pressure Parameters Plot
Drilling Parameters Plot
Temperature Data Log
Pressure Evaluation Log
Drilling Data Log
Total Gas Evaluation Plot
Well Seismic Results (Field Log), Run 2
Well Seismic Results, Run 1
Well Seismic Report
GMA Stratigraphic Modeling System
Drilling Record
Plan and Field Notes

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	180 – 3,540	455	
Unwashed Cuttings	190 – 3,540	455	
Canned Samples	640 – 3,540	293	dried samples
Sidewall Core	655.5 – 3,535	155	

Core

Core #	Interval (m)	Recovery (m)
1	1,897 – 1,915	15.55
2	2,074 – 2,080	3.25
3	2,080 – 2,084	3.20
4	2,107 – 2,126	11.45
5	2,414 – 2,441	26.40

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo slides	185 – 3,540	101	cuttings
Micropaleo slides	1,900 – 3,438	9	company core
Palynology slides	655.5 – 3,415	70	sidewall core
Palynology slides	185 – 3,500	115	cuttings

Migrant N-20

WELL SUMMARY

GENERAL INFORMATION

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

CASING

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

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	3,330	1,014
Wyandot Fm	3,330	1,014
Dawson Canyon Fm	3,764	1,147.3
Petrel Mb	4,123	1,256.7
Logan Canyon Fm	4,499	1,371.3
Marmora Mb	4,499	1,371.3
Sable Mb	5,316	1,620.3
Cree Mb	7,645	2,330.2
Naskapi Mb	8,030	2,447.5
Missisauga Fm	8,030	2,447.5
Missisauga Upper Mb	8,830	2,691.4
("O" marker)	9,070	2,764.5
Missisauga Middle Mb	11,437	3,485.9
Missisauga Lower Mb	12,780	3,895.3
Mic Mac Fm	13,000	3,962.4

WELL TEST SUMMARY

Type /Test #	Interval (m)	Recovery	Flow Rate / Amount	Remarks

DST #1	4,333.0 – 4,361.6	-	-	No recovery
DST #2	4,333.0 – 4,361.6	gas muddy water trace condensate	283,165 m^3/d 5 gal. -	12.7mm choke
DST #3	4,270.2 – 4,273.3	-	-	Misrun
DST #4	4,270.2 – 4,273.3	-	-	Misrun
DST #5	4,270.2 – 4,273.3	-	-	No recovery
DST #6	4,270.2 – 4,273.3	-	-	Misrun
DST #7	4,205.0 – 4,212.9	-	-	Misrun
DST #8	4,205.0 – 4,212.9	-	-	No recovery

ADDITIONAL REPORTS AND LOGS

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

SAMPLES

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

SLIDES

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

Emma N-03

WELL SUMMARY

GENERAL INFORMATION

D #	D365
Location	$44^0$02'47.78" N $60^0$00'53.78" W
Company	Mobil Oil
UWI	300N034410060000
Area	Scotian Shelf
Spud Date	August 2, 2000
Well Term. Date	November 1, 2000
Drilling Rig	Galaxy II
Water Depth (m)	50.6
Rotary Table (m)	45.7
Total Depth MD (m)	4,600
Well Type	Exploration
Classification	Dry
Well Status	P&A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
914 mm x 268 m	36" x 879.2'
473 mm x 650.1 m	18 5/8" x 2,132.8'
339.7 mm x 3,346.4 m	13 5/8" x 10,979.0'

GEOLOGIC TOPS

Formation/Member	MD (m)
Banquereau Fm	329
Wyandot Fm	1,172
Dawson Canyon Fm	1,241
Petrel Mb	1,332
Logan Canyon Fm	1,477
Sable Shale	1,753
Naskapi Shale	2,500
Missisauga Fm	2,631
Missisauga Fm (Upper)	2,631
("O" Marker)	2,877
Missisauga Fm (Middle)	2,921
Missisauga Fm (Lower)	3,207
(C6 to C5 Sand Sequence)	3,207
(C5 to C1 Sand Sequence)	3,490

MicMac Fm	3,669
(C1 to J201 Sequence)	3,669
(J201 to J205 Sequence)	3,749
(J205 to J203 Sequence)	3,888
(J203 to J200 Sequence)	3,937
(J200 to J198Sequence)	3,973
(J198 to J195 Sequence)	4,137
(J195 to TD)	4,250

Note: Geologic tops as interpreted by Baker Hughes

ADDITIONAL REPORTS AND LOGS

Well History Report
Array Induction Final Print Run 1
Cement Volume Log 6-Arm Caliper Final Print Run 1
Compensated Neutron Lithology Density Final Print Run 1
Borehole Compensated Sonic Final Print Run 1
Modular Dynamic Tester PS-PS-FA-PO-SC-SC-MS Pressure Test Data Final Print
Dipole Shear Sonic Coherence Plots, Final Print Run 2B
Modular Dynamic Tester PS-PS-FA-PO-SC-SC-MS Sampling Data Final Print
Array Induction, Final Print Run 2C
Core Analysis Report
Core Analysis Report (Sidewall Core)
Cement Volume 6-Arm Caliper, Final Print Run 2B
Compensated Neutron-Lithology Density, Final Print Run 2A
Dipole Shear Sonic Comp. & Shear Data, Final Print Run 2B
Mechanical Sidewall Coring, Final Print Run 2E
Digital Imaging White Light Matching Photography
Digital Imaging X-Radiography at 0°
Modular Formation Dynamics Tester Report
Side Wall Core Descriptions
Compositional Analyses
Well Seismic Report - Log
Dual CSI-VSP Monitor Log, Final Print Run 2F
Dual CSI-VSP Monitor Log, Final Print Run 2H
Z-Axis Processing Steps
Composite Display
Well Seismic Report
Sample Log
Surface, MWD, and PWD Data Log
Drilling Data Log
Formation Evaluation Log
Pressure Data Log
Recorded Mode Compensated Dual Resistivity, (MD), Runs 11-18
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 1, BHA 1)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 2, BHA 2)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 3, BHA 3)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 4, BHA 4)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 5, BHA 5)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 6, BHA 6)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 7, BHA 8)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 8, BHA 9)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 9, BHA 10)
MWD Power Pulse, Real Time Drilling Mechanics Log, (Run 10, BHA 11)
Annular PWD Recorded Drilling Mechanics Log, (Run 11, BHA 13)
Annular PWD Recorded Drilling Mechanics Log, (Run 12, BHA 15)

Annular PWD Recorded Drilling Mechanics Log, (Run 13, BHA 16)
Annular PWD Recorded Drilling Mechanics Log, (Run 14, BHA 17)
Annular PWD Recorded Drilling Mechanics Log, (Run 15, BHA 18)
Annular PWD Recorded Drilling Mechanics Log, (Run 16, BHA 20)
Annular PWD Recorded Drilling Mechanics Log, (Run 17, BHA 21)
Annular PWD Recorded Drilling Mechanics Log, (Run 18, BHA 22)
Forecast Verification Report
2000 Meteorological Summary Report
Physical Oceanographic Data Report Current Data
Physical Oceanographic Data Report Wave Data
Petrographic Evaluation of Selected Sandstone Sidewall Conventional Core Specimens From Eastern Canada
A Petrographic and Reservoir Quality Study of Twelve Sandstone Samples from Various Depths at Mobil et al

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**
Washed Cuttings	655 – 4,600	734
Unwashed Cuttings	655 – 4,600	734
Sidewall Core	3,390 – 4,585	38

Core

Core #	**Interval (m)**	**Recovered**
1	3,752.0 – 3,779.1	27.1

Recovered Fluids

Recovered from	**Interval**	**Fluid Recovered**
J205-J203 Sequence		Condensate Filtrate Mix

Penobscot B-41

WELL SUMMARY

D #	169
Company	Shell Canada Resources
Location	44°10’02’.44” N 60°06’32.72” W
UWI	300B414420060300
Area	Scotian Shelf
Spud Date	February 18, 1977
Well Term. Date	March 30, 1977
Drilling Rig	Sedco H
Total Depth(m)	3,444
Water Depth MD (m)	118
Rotary Table (m)	30
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**

406 mm x 332.5 m	16" x 1,091'
339 mm x 762.8 m	13 3/8" x 2,502.6'
244 mm x 1,805.8 m	9 5/8" x 5,924.6'

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	2,818 (bottom)	858.9
Wyandot Fm	2,818	858.9
Dawson Canyon Fm	3,175	967.7
Petrel Mb	3,607 – 3,650	1,099.4-1,112.5
Logan Canyon Fm	3,994	1,217.4
Marmora Mb	3,994	1,217.4
Sable Mb?	4,742	1,445.4
Cree Mb	5,074	1,546.5
Naskapi Mb	7,032	2,143.3
Missisauga Fm	7,372	2,233.3
Missisauga Upper Mb	7,372	2,233.3
("O" Marker)	7,901	2,408.2
Missisauga Middle Mb	8,067	2,458.2
Missisauga Lower Mb?	10,415	3,174.5
Mic Mac Fm	11,223	3,420.7
(Penobscot Limestone)	11,223	3,420.7

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-4
GMA Stratigraphic Modeling System
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Long Spacing Sonic Log, Run 1 & 2
Conventional Core Description & Analysis
Summary Log (Stratigraphic Units, Geochemistry etc.)
Velocity Survey
Velocity Analysis
Dual Induction Laterolog, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-4
Geochemical Report
Master Log (Gas in Cuttings, Drilling Rate etc.)
Master Log (Gas in Cuttings, Drilling Rate etc.)
Weather & Vessel Performance Summary (February)
Weather & Vessel Performance Summary (March)
Weather & Vessel Performance Summary (April)
Velocity Survey – Sonic Log

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	535.6 – 3,444.2	720
Unwashed Cuttings	535.6 – 3,444.2	715
Sidewall Core	381 – 3,434.5	107

Core

Core #	Interval (m)	Recovery (m)
Core #1	2,499.4 -2,517.6	17.4

Core #2	2,642.6 – 2,660.9	14.3
Core #3	2,660.9 – 2,670.0	8.2
Core #4	2,699.0 – 2,702.1	3.05
Core #5		

SLIDES

Slide Type	Interval (m)	# of Samples	Sample Source
Micropaleo	353.6 – 2,066.5	59	cuttings
Micropaleo	2,501.8 – 2,508.5	3	core 1
Micropaleo	2,644.7 – 2,654.2	5	core 2
Micropaleo	2,667.9 – 2,668.8	2	core 3
Micropaleo	1,207.6 – 1,209.4	7	sidewall core
Palynology	365.8 – 3,418.0	70	sidewall core

Penobscot L-30

WELL SUMMARY

D #	165
Company	Petro-Canada
Location	44°09'43'.55" N 60°04'09.33" W
UWI	300L304410060000
Area	Scotian Shelf
Spud Date	July 18, 1976
Well Term. Date	September 23, 1976
Drilling Rig	Sedco H
Total Depth(m)	4,267
Water Depth MD (m)	137.5
Rotary Table (m)	29.9
Well Status	P&A
Well Type	exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	Size x Depth (imperial)
406 mm x 349.3 m	16" x 1,146'
339 mm x 930.2 m	13 3/8" x 3,052'
244 mm x 1,969.3 m	9 5/8" x 661'

WELL TEST SUMMARY

Type /Test #	Depth (m)	Recovery	Flow Rate / Amount	Remarks
RUN 1				
RFT #1 – RFT #4	2,503.9 – 2,852	-	-	did not open chamber
RFT #5	2,639	gas	10 cf	

		condensate ester	2,800 cc 5,200 cc	
RFT #5A	2,639.3	gas condensate	5 cf 3,000 cc	
RFT #6	2,701.4	-	-	chamber plugged
RFT #7	2,502	oil water	900 cc 8,000 cc	
RFT #8	3,080.9	trace oil water	- 3,700 cc	
RFT #9	2,700.8	water	9,700 cc	
RFT 10	2,798.7	-	-	dry test
RFT 11	2,788.6	-	-	did not open chamber
RFT 12	3,513	-	-	no seat
RFT #13	2,524.3	gas	0.5 cf	
RFT #14	2,545.3	oil	100 cc	
RFT #1				
RUN 2				
RFT #1	4,099.5	-	-	dry test, no permeability
RFT #2	4,099.8	-	-	dry test, no permeability

GEOLOGIC TOPS

Formation/Member	**MD (ft.)**	**MD (m)**
Banquereau Fm	2,844 (bottom)	866.8
Wyandot Fm	2,844	866.8
Dawson Canyon Fm	3,122	951.6
Petrel Mb	3,554 – 3,593	1,083.3 – 1,095.1
Logan Canyon Fm	3,881	1,182.9
Marmora Mb	3,881	1,182.9
Sable Mb?	4,662	1,420.9
Cree Mb	4,960	1,511.8

Naskapi Mb	7,081	2,139.0
Missisauga Fm	7,386	2,251.2
Missisauga Upper Mb	7,368	2,251.2
("O" Marker)	7,900	2,407.9
Missisauga Lower Mb	10,468	3,190.6
Mic Mac Fm	11,169	3,404.3
(Penobscot Limestone)	11,169	3,404.3

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Directional Log (Computed), Run 1-3
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Sonic Log, Run 1-4
Saraband (A Sandstone Analysis), Run 3
Well History Log (Lithology, Porosity, etc.)
Master Log (Gas in Cuttings, Drilling Rate etc.)
Weather and vessel Performance Summary
Simultaneous Compensated Neutron Formation Density, Run 1-3
Repeat Formation Tester, Run 1 & 2
Repeat Formation Tester, Run 1 & 2
Borehole Compensated Sonic Log, Run 1-4
Directional Log (Computed), Run 1-3
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Sonic Log, Run 1-4
Saraband (A Sandstone Analysis), Run 3
GMA Stratigraphic Modeling System
Velocity Survey
Dual Induction Laterolog, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-3
Velocity Analysis (Part 1)
Dipmeter Cluster Calculation Listing (Job # 606) – Run 3
Dipmeter Cluster Calculation Listing (Job # 532) – Runs 1,2, 3

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**
Washed Cuttings	374.9 – 4,267.2	1,028
Unwashed Cuttings	374.9 – 4,267.2	1,027
Sidewall Core	1,043.3 – 4,071.2	84
Canned Cuttings (dried)	374.9 – 4,267.2	425

Core

Core #	**Interval (m)**	**Recovery (m)**
Core #1	3,423.2 – 3,431.7	8.4
Core #2	4,041.0 – 4,058.6	9.3

Fluids

Fluid Type	**Depth (m)**	**Test #**
Condensate	2,480.2	RFT #14
Condensate	2,639.3	RFT #5

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	367.5 – 4,267.2	141	cuttings
Palynology	548.6 – 4,267.2	136	cuttings
Palynology	3,4534 – 4,054.9	41	core
Palynology	1,046.4 – 4,145.3	58	sidewall core
Thin Section	3,429.6 – 4,052.6	2	core

Mariner I-85

WELL SUMMARY

GENERAL INFORMATION

D #	392
Location	$44^0$04'30.74" N $59^0$42'07.20" W
Company	Canadian Superior
UWI	300I854410059300
Area	Scotian Shelf
Spud Date	November 19, 2003
Well Term. Date	March 16, 2004
Drilling Rig	Rowan Gorilla V
Water Depth (m)	55.5
Rotary Table (m)	47.0
Total Depth MD (m)	5,408
Well Classification	gas show
Well Type	Exploratory
Well Status	P&A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
914 mm x 190.5 m	36" x 625'
508 mm x 1,010.2 m	20" x 3,314.3'
346 mm x 340 mm x 3,243.5 m	13 5/8" x 13 3/8" x 10,641.4'
273 mm x 251 mm x 4,521 m	9 5/8" x 9 7/8 x 14,832.6'

GEOLOGIC TOPS

Formation/Member	MD (m)
Banquereau Fm	1,358 (bottom)
Wyandot Fm	1,358
Dawson Canyon Fm	1,436
Petrel Mb	1,515
Logan Canyon Fm	1,626
Sable Shale Mb	1,883
Cree Mb	1,977
Naskapi Mb	2,721.5
Missisauga Fm	2,844

Missisauga Upper Mb	2,844
("O" Marker)	3,192
Missisauga Middle Mb	3,204.4
Missisauga Lower Mb	4,105.5
MicMac Fm	4,284.5
(Abenaki A)	4,284.5
(Upper Clastics)	4,312
(Abenaki B)	4,505
(Lower Clastics)	4,551
(Abenaki C)	5,294

***Note: Geologic Tops as interpreted by ECL Exploration Consultants**

ADDITIONAL REPORTS AND LOGS

Well History Report
Platform Express High Resolution Laterolog 1:120 Scale High Resolution Run 1
Platform Express High Resolution Laterolog 1:240 Scale Run 1
Platform Express High Resolution Laterolog 1:600 Scale Run 1
Platform Express Compensated Neutron-TLD Density 1:120 Scale High Resolution Run 1
Platform Express Compensated Neutron-TLD Density 1:240 Scale Run 1
Platform Express Compensated Neutron-TLD Density 1:600 Scale Run 1
EMS Caliper Cement Volume 1:600 Scale Run 1
Decision Express ECS Yields Quality 1:240, Run 2
Decision Express Spectrolith Data 1:240
EMS – 6 Arm Caliper Cement Volume Log, Run 2
Dipole Shear Sonic Coherence Plots 1:240, Run 2
Dipole Shear Sonic Compressional Data 1:240, Run 2
Dipole Shear Sonic Compressional Data 1:600, Run 2
Platform Express High Resolution Log 1:120, Run 2
Platform Express High Resolution Log 1:240, Run 2
Platform Express High Resolution Log 1:600, Run 2
Platform Express Compensated Neutron-TLD Density 1:120, Run 2
Platform Express Compensated Neutron-TLD Density 1:240, Run 2
Platform Express Compensated Neutron-TLD Density 1:600, Run 2
Natural Gamma Ray Spectroscopy 1:240, Run 3 (Field Print)
Combinable Magnetic Resonance 1:240, Run 3 (Field Print)
Elemental Capture Spectroscopy 1:240, Run 3 (Field Print)
Dipole Shear Sonic Compressional Data 1:600, Run 3 (Field Print)
Dipole Shear Sonic Coherence Plots 1:240, Run 3 (Field Print)
Dipole Shear Sonic Compressional Data 1:240, Run 3 (Field Print)
Quad Combo Compensated Neutron Lithodensity Log, 1:600, Run 3 (Field Print)
Quad Combo Compensated Neutron Lithodensity Log, 1:240, Run 3 (Field Print)
Quad Combo Compensated Neutron Lithodensity Log, 1:120, Run 3 (Field Print)
Quad Combo Array Induction Log, 1:600, Run 3 (Field Print)
Quad Combo Array Induction Log, 1:240, Run 3 (Field Print)
Quad Combo Array Induction Log, 1:120, Run 3 (Field Print)
Oil Base Mud Microimager 1:240, Run 3 (Field Print)
EMS 6-Arm Caliper Cement Volume Log, Run 3 (Field Print)
Modular Formation Dynamics Tester MDT Pressures, Run 3 (Field Print)
Core Analysis Report
Mineralogical Study of Canadian Superior Mariner I-85
Dipole Shear Sonic Coherence Plots 1:240, Run 3
Dipole Shear Sonic Compressional Data 1:240, Run 3
Dipole Shear Sonic Compressional Data 1:600, Run 3
Natural Gamma Ray Spectroscopy 1:240, Run 3
Quad Combo Array Induction 1:120, Run 3

Quad Combo Array Induction 1:240, Run 3
Quad Combo Array Induction 1:600, Run 3
Quad Combo Compensated Neutron Lithodensity Log 1:120, Run 3
Quad Combo Compensated Neutron Lithodensity Log 1:240, Run 3
Quad Combo Compensated Neutron Lithodensity Log 1:600, Run 3
Modular Formation Dynamics Tester MDT Pressures, Run 3
Elemental Capture Spectroscopy 1:240, Run 3
Mechanical Sidewall Coring Tool, Run 3
Oil Base Mud Microimager 1:240, Run 3
Combinable Magnetic Resonance 1:240, Run 3
EMS 6 Arm Caliper Cement Volume Log, Run 3
Geological Report
Gamma Ray Resistivity MD 1:240
Gamma Ray Resistivity TVD 1:240
Gamma Ray Resistivity MD 1:600
Gamma Ray Resistivity TVD 1:600
Formation Evaluation Log 1:600
Pressure Evaluation Log 1:3000
Drilling Data Log 1:1200
Surface, MWD, and PWD Data Log 1:1200
Meteorological Summary Report
Physical Oceanographic Data Report
Shallow Geological and Geotechnical Conditions Related to Jack-Up Rig Foundations
Striplog

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	1,000 – 5,408	901
Unwashed Cuttings	1,000 – 5,408	901

Venture B-52

WELL SUMMARY

GENERAL INFORMATION

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

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
914 mm x 193 m	36" x 633'
473 mm x 866 m	18 5/8" x 2,841.2'
340 mm x 3,123 m	13 3/8" x 10.246'
244 mm x 4,788 m	9 5/8" x 15,708.6'
178 mm x 5,810 m	7 5/8" x 19,061'

WELL TEST SUMMARY

Type /Test #	Interval (m)	Recovery	Flow Rate (m^3/d)	Remarks
DST #1	5,800 – 5,804	gas water	1.27 x10^4	
DST #2	5,725 – 5,732	gas oil water	3.11 10^5 .95 8.9	 43.9 API on 9.53 mm choke (Cl-: 28,000 ppm)
DST #3	5,453 – 5,460	-		misrun
DST #4	5,453 – 5,460	-		misrun
DST #5	5,453 – 5,460	gas water	6.51 x 10^2 271	 7.14 mm choke (Cl-: 157,000 ppm)
DST #6	5,284 – 5,293	gas condensate water	1.39 X 10^6 31.9 21.3	 47.9 API 22.3 mm choke (Cl-: 3,410 ppm)
DST #7	5,126 – 5,131	gas water	7.92 x 10^2 321.3	 7.14 mm choke (Cl-: 146,000 ppm)
DST #8	5,065 – 5,080	gas water	1.16 x 10^3 195	 5.56 mm choke (Cl-: 146,000 ppm)
DST #9	5,043 – 5,048	gas water	1.18 x 10^3 852	 11.9 mm choke (Cl-: 165,000 ppm)
DST #10	5,031 – 5,036	gas water	1,048 379.3	 15.88 mm choke (Cl-: 170,000)
DST #11	5,023 – 5,026	gas	578	

		water	335.5	15.88 mm choke (Cl-: 181,000)
DST #12	4,963 – 4,972	gas	3,341	
		condensate		trace
		water	76.3	9.53 mm choke (Cl-: 155,000)
DST #13	4,920 – 4,925	gas	43,897	
		condensate		trace
		water	128.8	9.53 mm choke (Cl-: 155,000 ppm)
DST #14	4,848 – 4,858	water	13.8	7.14 mm choke (Cl-: 112,000)
DST #15	4,711 – 4,727	gas	12,263	
		condensate		trace
		water	363	8.73 mm choke (Cl-: 170,000 ppm)

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	1,377.3 (bottom)
Wyandot Fm	1,377.3
Dawson Canyon Fm	1,501.8
Petrel Mb	1,567
Logan Canyon Fm	1,682
Marmora Mb	1,682
Sable Mb	1,942
Cree Mb	2,042.5
Naskapi Mb	2,849
Missisauga Fm	2,970
Missisauga Upper Mb	2,970
(“O” Marker)	3,360
Missisauga Middle Mb	3,375
Missisauga Lower Mb	4,181.5
Approx. Top OP	4,478
MicMac Fm	5,138
(No. 9 Limestone)	5,138

ADDITIONAL REPORTS AND LOGS

Well History Report
EMR Drilling Submission
Directional Log (Computed), Run 1-4
Borehole Geometry Survey and Cement Volume Log, Run 1-5
Directional Survey, Run 1
High Resolution Dipmeter Cluster Listing, Run 1
High Resolution Dipmeter Cluster Listing, Run 2
High Resolution Dipmeter Cluster Listing, Run 3 & 4
Core Analysis/Nitrite & Chloride
Special Core Analysis

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

SAMPLES

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

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

Recovered Fluids:

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

SLIDES

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

Well Summaries Parcel 2

Uniacke G-72

WELL SUMMARY

D #	228
Company	Shell Pex et al
Location	44°11'29'.17" N 59°41'09.75" W
UWI	300G724420059300
Area	Scotian Shelf
Spud Date	May 9, 1983
Rig Release	April 4, 1984
Drilling Rig	Vinland
Total Depth(m)	5,735
Water Depth MD (m)	152.9
Rotary Table (m)	23.5
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**
765 mm x 194 m	30" x 636.4'
508 mm x 910 m	20" x 2,985.5'
340 mm x 2,875 m	13 3/8 " x 9,432'
244 mm x 4,790 m	9 5/8" x 15,715'
178 mm x 5,124 m	7" x 16,811'
127 mm x 5,534 m	5" x 18,156'

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate (m^3/d)**	**Remarks**
DST #1	5,110 – 5,237	gas	58.3 x 10^4	
DST #2	5,289.5 – 5,320	water	24.7	Cl^- 65,200 ppm
DST #3	5,242 – 5,260	gas water	1.42 X 10^3 358	
DST #4	5,215 – 5,226	gas	39.9 x 10^4	Misrun estimate
DST #5	5,215 – 5,226	gas condensate water	35.4 x 10^4 20 18.6	 Cl^- 32,400
DST #6	5,191 - 5,199	gas condensate water filtrate	39.9 x 10^4 23.3 8.9	 Cl^- 1,288 ppm

DST #8	4,364 – 4,371	water	18.6	Cl^- 32,400 ppm

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	1,125.5
Wyandot Fm	1,125.5
Dawson Canyon Fm	1,218.5
Petrel Mb	1,318.2 – 1,325.8
Logan Canyon Fm	1,410.8
Marmora Mb	1,410.8
Sable Mb	1,675
Cree Mb	1,761
Naskapi Mb	2,453
Missisauga Fm	2,563
Missisauga Upper Mb	2,563
("O" Marker)	2,907
Missisauga Lower Mb?	3,716.2
Approx. Top OP	3,975
Mic Mac Fm	4,011
Citnalta Limestone	4,199
Penobscot Limestone	4,631

ADDITIONAL REPORTS AND LOGS

Well History Report
Dual Induction-SFL, Run 1-8
Simultaneous Compensated Neutron Formation Density, Run 1-6
Stuck Point Indicator and Back-Off Results, Run 1
Dual Spacing Thermal Decay Time Log, Run 1
Production Testing Record, Run 1
Dual Laterolog Micro SFL, Run 1 & 2
Repeat Formation Tester, Run 1-3
Core Sample Taker Results, Run 1-3
Cement Volume Log, Run 1 & 2
Cement Bond-Variable Density Log, Run 1
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Completion Record, Run 1
Directional Log, (Computed), Run 1 & 2
Depth Derived Borehole Compensated Sonic Log, Run 1-7
Cyberdip, Run 1
Cyberdip, Run 2
Cyberlook (Field Prints), Run 1
Cyberlook (Field Prints), Run 3 (Aug 5,1983)
Cyberlook (Field Prints), Run 3 (Aug 24,1983)
Cyberlook (Field Prints), Run 5
Cyberlook (Field Prints), Run 6
Mud Log
Dual Induction-SFL (Reduced Mylar)
Simultaneous Compensated Neutron-Formation Density (Reduced Mylar)
Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)
High Resolution Dipmeter Cluster Listing
Special Core Analysis (Capillary Pressure Drainage)
Special Core Analysis (Capillary Pressure Drainage)

Core Photo's, Core 2 & 3
Test Results, Gas Testing (DST # 1-8)
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Palynological, Micropaleontological and Geochemistry Summaries
Velocity Survey
Well Seismic Results, Run 1-3
Directional Survey, Run 1 & 2
Pressure Gauge Tests, DST #1
Pressure Gauge Tests, DST #2
Pressure Gauge Tests, DST #3 misrun
Pressure Gauge Tests, DST #3 rerun
Pressure Gauge Tests, DST #4
Pressure Gauge Tests, DST #5
Pressure Gauge Tests, DST #6
Pressure Gauge Tests, DST #7
Pressure Gauge Tests, DST #8
Directional Survey, Run 1 & 2
High Resolution Dipmeter Cluster Listing, Run 2
End of Well Report
Well Seismic Results, Run 1-3
Velocity Survey
Report of Investigation of Events Culminating in a Blowout of Gas and Condensate

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	930 – 5,735	467
Unwashed Cuttings	930 – 5,735	467
Sidewall Core	915 – 5,135	342
Canned Cuttings (dried)	930 – 5,735	467

Core

Core #	Interval (m)	Recovery (m)
Core #2	5,229 – 5,238	9.45
Core #3	5,238.5 – 5,248	9.5

SLIDES

Slide Type	Interval (m)	# of Samples	Sample Source
Micropaleo	925 – 5,735	160	cuttings
Palynology	915 – 5,137	142	sidewall core
Palynology	925 – 5,735	161	cuttings

Abenaki J-56

WELL SUMMARY

GENERAL INFORMATION

D #	10
Location	$44^0$15'44.59" N $59^0$53'03.02" W

Company	Shell
UWI	300J564420059450
Area	Scotian Shelf
Spud Date	4-Dec-1970
Well Term. Date	13-Mar-1971
Drilling Rig	Sedneth 1
Water Depth (m)	25.9
Rotary Table (m)	106.7
Total Depth MD (m)	4,569
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
406 mm x 325.5 m	16” x 1,068’
340 mm x 1,214.3 m	13 3/8” x 3,984’
244 mm x 9,173 m	9 5/8” x 9,173’

GEOLOGIC TOPS

Formation/Member		MD (ft)	MD (m)
Banquereau Fm		2,860	871.7
(unconformity)		2,860	871.7
Dawson Canyon Fm		2,860	871.7
	Petrel Mb	3,236-3,272	986.3 – 997.3
Logan Canyon Fm		3,554	1,083.3
	Naskapi Mb	6,475	1,973.5
Missisauga Fm		6,805	2,074.2
	(upper)	6,805	2,074.2
	(“O” Marker)	7,590	2,313.4
	(middle)	7,680	2,340.8
	(lower?)	9,980	3,041.9
Abenaki Fm		10,700	3,261.4
	Baccaro Mb	10,700	3,261.4
	Misaine Mb	13,088	3,989.2
	Scatarie Mb	13,494	4,112.9
	Mohican Mb	14,065	4,287.1
	Iroquois Fm?	14,400	4,389.1

ADDITIONAL REPORTS AND LOGS

Micropaleontological/Palynological/Source Rock Analysis
Micropaleontological/Palynological Report
Compensated Formation Density Log
Borehole Compensated Sonic Log, Run 1-5
3-Arm Focused Continuous Dipmeter (computed), Run 1-6
Directional Log (Computed), Run 1-6
Dual Induction-Laterlog, Run 1-6
Velocity Survey
Sidewall Neutron Porosity Log, Run 1
Sonogram Velocity Analysis
Geological Data
Micropaleontology, Palynology and Stratigraphy

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	344.4 – 3,568.9	861
Unwashed Cuttings	344.4 – 3,568.9	863
Sidewall Core	344.4 – 3,568.9	293

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	344.4 – 4,550.6	134	cuttings
Micropaleo	335.2 – 3,507.9	85	sidewall core
Palynology	344.4 – 4,550.6	234	cuttings
Palynology	335.4 – 4,535.4	100	sidewall core
Palynology	4,521.4 – 4,557.4	11	sidewall core
Nanofossil	344.4 – 2,444.5	68	cuttings

Abenaki L-57

WELL SUMMARY

GENERAL INFORMATION

D #	16
Location	$44^0$16'34.49" N $59^0$53'39.64" W
Company	Shell
UWI	300L574420059450
Area	Scotian Shelf
Spud Date	28-May-1970
Well Term. Date	6-July-1970
Drilling Rig	Sedco H
Water Depth (m)	31.4
Rotary Table (m)	108.8
Total Depth MD (m)	2,178
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
406 mm x 1,018 m	36” x 310.3’
298.6 mm x 2,702 m	11 3/4” x 823.6’
244 mm x 5,748 m	9 5/8” x 1,752’

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	2,050	624.8
(unconformity)	2,050	624.8

Dawson Canyon Fm	2,215	624.8
Petrel Mb	2,389 - 2,240	675.1 – 682.7
Logan Canyon Fm	2,389	728.2
Naskapi Mb	4,756	728.2
Missisauga Fm	4,895	1,491.9
Missisauga Upper Mb	4,895	1,491.9
("O" Marker)?	5,890	1,795.3
Missisauga Middle Mb	5,907	1,800.5
Missisauga Lower Mb	6,386	1,946.4
(Caprock?)	6,550	1,996.4
Argo Fm	7,110	2,178.4

ADDITIONAL REPORTS AND LOGS

Well History Report
Soil and Foundation Investigation
Micropaleo, Palynology, & Stratigraphy (8639-C20-1E)
Borehole Compensated Sonic Log, Run 1-4
Compensated Formation Density Log, Run 1-2
3-Arm Focused Continuous Dipmeter, Run 1-3
Microlog Caliper, Run 1
Dual Induction-Laterolog, Run 1-5
Directional Log Computed, Run 1-3
Sidewall Neutron Porosity Log, Run 1
Formation Tester, Run 1
Temperature Log, Run 1
Temperature Log, Run 2
Micropaleontological, Palynological & Source Rock Analysis
Velocity Survey
Sonigram Velocity Survey
Geological Data Original/Revised

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	345.9 – 2,176.2	285
Unwashed Cuttings	345.9 - 2,179.3	301
Sidewall Core	335.3 – 2,161.9	220

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	345.9 – 2,167.1	51	cuttings
Micropaleo	335.3 – 2,161.9	120	sidewall core
Palynology	345.9 – 2,167.1	96	cuttings
Palynology	335.3 - 2,178.1	95	sidewall core
Palynology	345.9 – 2,167.1	48	cuttings

Dover A-43

WELL SUMMARY

GENERAL INFORMATION

D #	248
Location	$44^0$22'09.02" N $60^0$06'09.28" W
Company	Petrocan et al
UWI	300A434430060000
Area	Scotian Shelf
Spud Date	April 17, 1984
Well Term. Date	July 10, 1984
Drilling Rig	Bow Drill I
Water Depth (m)	116
Rotary Table (m)	25
Total Depth MD (m)	4,525
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
762 mm x 219.7 m	30" x 720.8'
508 mm x 467.7 m	20" x 1,534.4 '
340 mm x 1,334.2 m	13 3/8" x 4,377.3'
245 mm x 3,903.3 m	9 5/8" x 12,805.9'

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	756.2 (bottom)
Wyandot Fm	756.2
Dawson Canyon Fm	823
Petrel Mb	999.8 – 1,006.8
Logan Canyon Fm	1,122.5
Missisauga Fm	1,964.5
("O" Marker)	2,110
Missisauga Middle Mb	2,145
MicMac Fm	2,842.2
Abenaki Fm	3,182.2
Baccaro Fm	3,182.2
Misaine Mb	3,845
Scatarie Mb	4,010.1
Mohican Fm	4,075.2

ADDITIONAL REPORTS AND LOGS

Well History Report
Simultaneous Compensated Neutron-Formation Density, Run 1-3
Dual Laterolog Micro SFL, Run 1 & 2
Cement Volume Log, Run 1
Cement Bond-Variable Density Log, Run 1
Directional Log (Computed), Run 1 & 2
Abandonment Record, Run 1
Core Sample Taker Results, Run 1 & 2

Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Depth Derived Borehole Compensated Sonic Log, Run 1-3
Dual Induction-SFL, Run 1
Plan & Field Notes
Cyberlook (Reduced Mylar Only)
Seismic Reference Service-Geophysical Log, Run 1-3
Dual Laterolog Micro SFL (Reduced Mylar)
Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)
Composite Log
Subsurface Master Log
Directional Survey, Run 2 (Started at 3900m)
Directional Survey, Run 1 (Started at 1500m)
Final Well Report (Mud Report)
Seismic Reference Service- Geophysical Log, Run 1-3
Biostratigraphy Report
Geochemical Evaluation
Drilling Data Pressure Log Scale 1:3000
Formation Evaluation Log
Pressure Evaluation Log
Temperature Data Log
Drilling Data Pressure Log Scale 1:600
Bit Cost/m Plot
Drilling Data Plot
Wireline Data Pressure Log

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	490 – 4,525	802	
Unwashed Cuttings	490 – 4,525	803	
Canned Samples	525 – 4,525	399	dried samples

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	485 – 4,525	138	cuttings
Palynology	485 – 4,525	136	cuttings

Iroquois J-17

WELL SUMMARY

GENERAL INFORMATION

D #	24
Location	$44^0$26'31.38" N $59^0$47'12.29" W
Company	Shell
UWI	300J174430059450
Area	Scotian Shelf
Spud Date	August 18, 1970
Well Term. Date	September 6, 1970
Drilling Rig	Sedco H

Water Depth (m)	59.4
Rotary Table (m)	31.4
Total Depth MD (m)	2,086
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
406 mm x 295.4 m	16" x 969'
298.5 mm x 634.9 m	11 3/4" x 2,083'
244 mm x 1,325.6 m	9 5/8" x 4,349'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	1,624	494.9 (bottom)
Wyandot Fm	1,624	494.9
Dawson Canyon Fm	1,684	513.3
Petrel Mb	2,000 – 2,042	609.6 – 622.4
Logan Canyon Fm	2,298	700.4
Naskapi Mb	4,485	1,367.0
Missisauga Fm	4,770	1,443.9
Missisauga Upper Mb	4,770	1,443.9
("O" Marker)	4,970	1.514.8
Missisauga Middle Mb	4,980	1.517.9
Iroquois Fm?	5,920	1.804.4
Argo Fm	6,707	2.044.3

ADDITIONAL 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-Laterlog, Run 1-3
Micropaleontology, Palynology and Source Rock Analysis
Directional Log (Computed), Run 1-3
Velocity Survey
Sonigram Velocity Analysis
Micropaleontological & Palynological Reports
Micropaleo , Palynology & Stratigraphy (8639-C20-1E)

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**
Washed Cuttings	301.7 – 2,066.5	381
Unwashed Cuttings	301.7 – 2,066.5	381
Sidewall Core	298.7 - 2,072.6	112

SLIDES

Slide Type	**Interval (m)**	**# of Slides**	**Sample Source**
Micropaleo	301.7 – 2,057.4	53	Cuttings

Micropaleo	298.7 – 2,072.6	61	Sidewall Core
Micropaleo	359.6 – 1,344.2	34	Cuttings
Palynology	314.9 – 2,057.4	83	Cuttings & SWC
Palynology	298.7 – 2,072.6	62	Sidewall Core
Palynology	301.7 – 2,057.4	53	Cuttings

Well Summaries Parcel 3

Erie D-26

Well Summary

GENERAL INFORMATION

D #	19
Company	Shell
Location	44°55'03'.52" N 59°34'29.82" W
UWI	300D264500059300
Area	Scotian Shelf
Spud Date	March 16, 1971
Well Term. Date	April 11, 1971
Drilling Rig	Sedneth 1
Total Depth(m)	2,376
Water Depth MD (m)	98.1
Rotary Table (m)	25.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**
406 mm x 313 m	16" x 1,027'
298 mm x 578.2 m	11 ¾" x 1,897'
244.5 mm x 1,182.6 m	9 5/8 x 3,880'

WELL TEST SUMMARY

Type /Test #	Depth (m)	Recovery	Flow Rate / Amount	Remarks
FT #1	1,895.2	gas oil-flecked water	.0198 m^3 20,000 cc	
FT #2	1,895.2	oil-flecked water	20,000 cc	
FT #3	1,892.8	-	-	misrun

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Dawson Canyon Fm	1,820 (bottom)	554.7 (bottom)
Petrel Mb?	1,485	452.6
Logan Canyon Fm	1,820	554.74
Naskapi Mb	3,810	1,161.3
Missisauga Fm	4,018	1,224.7
Mic Mac Fm	5,336	1,626.4
(Scatarie Equiv.?)	7,392	2,253.1
Mohican Fm	7,528	2,294.5
(granite basement)	7,780	2,371.3

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-3
Compensated Formation Density Log, Run 1-2
3-Arm Focused Continuous Dipmeter (Computed), Run 1-3
Dual Induction-Laterolog, Run 1-3
Directional Log (Computed), Run 1-3
Micropaleontological & Palynological Report
Velocity Survey
Sidewall Neutron Porosity Log, Run 1
Formation Tester, Run 1
Micropaleontology, Palynology and Stratigraphy Report
Geological Data (original)

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	345.9 – 2,375.9	332
Unwashed Cuttings	345.9 – 2,375.9	327
Sidewall Core	357.8 – 2,367.7	173

Core

Core #	Interval (m)	Recovery (m)
#1	1,9545 – 1,954.1	5.8
#2	2,242.1 – 2,251.3	9.1

SLIDES

Slide Type	Interval (m)	# of Samples	Sample Source
Micropaleo	345.9 – 2,375.9	74	cuttings
Micropaleo	357.8 – 2,249.4	35	sidewall core
Palynology	345.9 – 2,375.9	55	cuttings
Palynology	357.8 – 2,228.1	39	sidewall core
Palynology	1,957.1 – 2,251.2	10	core
Nanofossil	315.9 – 2,375.9	31	cuttings
Thin Section	1,954.9 – 1,964.1	3	core

Wyandot E-53

Well Summary

GENERAL INFORMATION

D #	18
Company	Shell
Location	44°52'20'.70" N 59°23'54.05" W
UWI	300E34500059150
Area	Scotian Shelf
Spud Date	November 7, 1970
Well Term. Date	December 14, 1970
Drilling Rig	Sedco H
Total Depth MD (m)	3,049
Water Depth (m)	121.0
Rotary Table (m)	31.4
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**
406 mm x 315.7 m	16" x 1,036'
298.5 mm x 762.3 m	11 ¾" x 2,501'
244 x mm x 1,557.5 m	9 5/8 x 5,110'

WELL TEST SUMMARY

Type /Test #	Depth (m)	Recovery	Flow Rate / Amount	Remarks
FIT #1	2,368.3	water (oil flecked)	9,750 cc	
FIT #2	2,367.9	water (oil flecked)	20,000 cc	
FIT #3	2,824.9	-	-	no recovery

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	1,020 (bottom)	310.9 (bottom
Wyandot Fm	1,020	310.9
Dawson Canyon Fm	1,364	415.7
Logan Canyon Fm	2,240	682.7
Naskapi Mb	4,458	1,358.7
Missisauga Fm	4,636	1,413.0
Mic Mac Fm	6,810	2,075.7
Abenaki Fm	9,262	2,823.1
Scatarie Mb	9,262	2,823.1
Mohican Fm	9,428	2,873.6
Meguma GP (basement)	9,720	2,962.6

ADDITIONAL 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 1-4
Dual Induction-Laterolog, Run 1-5
Directional Log (Computed), Run 1-4
Micropaleontological Analysis Chart Enc. 9A
Micropaleontological Analysis Chart Enc. 9B
Micropaleontology, Palynology & Stratigraphy of the Shell Wyandot E-53 donsdaughter5 Well (8639-C20-1E)
Micropaleontological & Palynological Report
Velocity Survey
Sidewall Neutron Porosity Log, Run 1
Formation Tester, Run 1
Geological Summary (Core Description)
Core Photos

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	335.2 – 3,049.5	541
Unwashed Cuttings	335.2 – 3,049.5	541
Sidewall Core	330.7 - 3,041.9	245

Core

Core #	Interval (m)	Recovery (m)
#1	2,865.7 – 2,872.4	2.13
#2	2,872.4 – 2,881.6	2.74

SLIDES

Slide Type	Interval (m)	# of Samples	Sample Source
Micropaleo	330.7 – 2,951.2	80	sidewall core
Micropaleo	335.3 – 3,049.5	98	cuttings
Palynology	330.7 – 2,878.5	97	sidewall core
Palynology	335.2 – 3,049.5	78	cuttings
Palynology	2,865.7 – 2,878.5	12	core
Nannofossil	335.3 – 2,878.5	80	sidewall core
Nannofossil	380.7 – 1,153.6	10	cuttings

MicMac D-89

Well Summary

GENERAL INFORMATION

D #	160
Company	Shell et al
Location	44°38’08’.86” N 59°28’18.93” W
UWI	300D894440059150
Area	Scotian Shelf

Spud Date	March 26, 1976
Well Term. Date	May 4, 1976
Drilling Rig	Sedco H
Total Depth MD (m)	3,261
Water Depth (m)	85.3
Rotary Table (m)	29.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**
406 mm x 277.1 m	16" x 909'
340 mm x 750.7 m	13 3/8" x 2,463'
244 mm x 1,452.4 m	9 5/8" x 4,765 '

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate / Amount**	**Remarks**
RFT #1	2,991.6	-	-	misrun
RFT #2	2,891.6	water	9,000 cc	3,400ppm NaCl
RFT #3	2,604.5	water	3,600 cc	25,000 ppm NaCl
RFT #4	2,539	-	-	misrun
RFT #5	2,539	-	-	misrun
RFT #6	2,134	-	-	misrun
FIT #1	903.4	slightly oil cut mud	10,200 cc	misrun
FIT #2	903.7	very slightly oil cut filtrate	10,200	

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	1,792 (bottom)	546.2 (bottom)
Wyandot Fm	1,792	546.2
Dawson Canyon Fm	2,166	660.2
Petrel Mb	2,630 -2,676	801.6 – 815.6
Logan Canyon Fm	2,972	905.9
Naskapi Mb	5,507	1,678.5
Missisauga Fm	5,716	1,742.2
Missisauga Upper	5,716	1,742.2
("O" Marker)	6,400	1,950.7
Missisauga Middle Mb	6,450	1,965.9
MicMac Fm	8,710	2,654.8

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Borehole Compensated Sonic Log (Field Print), Run 4
Dual Induction Laterolog (Field Print), Run 4
Dual Induction Laterolog, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-3
Dipmeter Cluster Calculation Listing Run 1-4
Dipmeter Cluster Calculation Listing Run 1
Weather and Vessel Performance Summary
Sonic Log, Run 1-4
Repeat Formation Test 2, Run 1
Compensated Formation Density Log (Field Print), Run 2
Long Spacing Sonic Log (10'-12', 8'-10'), Run 4
Repeat Formation Tester Tests 1 & 2 Run 1
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Borehole Compensated Sonic Log, Run 1-4
Palynological & Paleontological Summary, Time Depth Curve& Geochemical Interpretation
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Dual Induction Laterolog, Run 1-4
Summary Log (Stratigraphic Units, Lithology & Petrophysics, etc.
Directional Log (Computed), Run 1-4
Master Log (Gas in Cuttings, Drilling Rate etc.)
Dipmeter Cluster Calculation Listing Run 1
Dipmeter Cluster Calculation Listing Run 1-4
Time/Velocity Graph
Sonic Log, Run 1-4
Repeat Formation Tester, Run 1 Test 2
Repeat Formation Tester Tests 1 & 2 Run 1

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**
Washed Cuttings	320 – 3,261.4	673
Unwashed Cuttings	320 – 3,261.4	674
Sidewall Core	359.6 – 3,024.2	222
Canned Cuttings (dried)	350.5 – 3,258.3	217

Core:

Core #	**Interval (m)**	**Recovery (m)**
Core #1	2,497.5 – 2,506.9	6.7
Core #2	2,582.3 – 2,590.8	7.2

SLIDES

Slide Type	**Interval (m)**	**# of Samples**	**Sample Source**
Micropaleo	359.6 – 813.8	45	sidewall core
Palynology	359.6 – 3,024.5	111	sidewall core
Palynology	2,500.8	1	core

MicMac J-77

Well Summary

GENERAL INFORMATION

D #	7
Company	Shell
Location	44°36'42'.82" N 59°26'10.87" W
UWI	300J774440059150
Area	Scotian Shelf
Spud Date	March 25, 1970
Well Term. Date	May 24, 1970
Drilling Rig	Sedneth 1
Total Depth MD (m)	3,886
Water Depth (m)	62.8
Rotary Table (m)	26.0
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**
406 x 262.1	16" x 860'
340 x 910.1	13 3/8" x 2,986'
244 x 2,598.1	9 5/8 x 8,524'

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate / Amount**	**Remarks**
WLT #1	-	-	-	misrun
WLT #2	3,945.6	charge gas	0.2 m^3	
		oil	7,600 cc	
		filtrate	2,100 cc	
		sand	200 cc	

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	2,044 (bottom)	623.0
Wyandot Fm	2,044	623.0
Dawson Canyon Fm	2,515	766.6
Petrel Mb	3,048 – 3,107	929.0 – 947.0
Logan Canyon Fm	3,405	1,037.8
Naskapi Mb	6,328	1,928.8
Missisauga Fm		
Missisauga Upper Mb	6,508	1,983.6
("O") Marker	7,130	2,173.2
Missisauga Middle Mb	7,230	2,203.7
Mic Mac Fm	9,718	2,962.0

ADDITIONAL REPORTS AND LOGS

Well History Report
Micropaleontological/Palynological/Source Rock Analysis Report
Micropaleontological/Palynological Analysis

Biostratigraphy of Shell Micmac J-77 Nova Scotia
Biostratigraphic Log
Borehole Compensated Sonic Log, Run 1-3
Compensated Formation Density Log, Run 1-2
3-Arm Continuous Dipmeter, computed Run 1-3
Directional Log (Computed), Run 1-3
Dual Induction-Laterlog, Run 1-4
Velocity Survey
Formation Tester, Test 1
Micropaleontology, Palynology, & Stratigraphy (x-ref. 8639-C20-1E)
Soil and Foundation Investigation, Boring 1
Polar Plots and Point Plots
Microlog Caliper, Run 1

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	277.4 – 3,887.7	841
Unwashed Cuttings	278.9 – 3,887.7	840
Sidewall Core	295.6 – 3,864.8	

Core

Core #	Interval (m)	Recovery (m)
#1	2,813.6 – 2,822.7	5.06

SLIDES

Slide Type	Interval (m)	# of Samples	Sample Source
Micropaleo	278.9 – 3,846.5	177	cuttings
Micropaleo	295.6 – 5,120.1	169	sidewall core
Palynology	278.9 – 3,867.9	287	cuttings
Palynology	295.6 – 3,870.0	149	sidewall core
Palynology	2,822.4	2	company cuttings
Nannofossil	978.1 – 3,846.5	115	cuttings
Nannofossil	384.0 – 2,889.5	10	sidewall core

Missisauga H-54

WELL SUMMARY

GENERAL INFORMATION

D #	9
Location	43^{0}23'20.39" N 59^{0}22'47.56" W
Company	Shell
UWI	300H544430059150
Area	Scotian Shelf
Spud Date	May 26, 1970
Well Term. Date	July 20, 1970
Drilling Rig	Sedneth 1
Water Depth (m)	4,202

Rotary Table (m)	25.9
Total Depth MD (m)	102.1
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
406 mm x 277.2 m	16" x 909.6'
340 mm x 524.3 m	13 3/8" x 1,720'
244.5 mm x1,495 m	9 5/8" x 4,905'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	3,073	936.6
Wyandot Fm	3,073	936.6
Dawson Canyon Fm	3,502	1,067.4
Petrel Mb	3,975-4,030	1,211.6 – 1,228.3
Logan Canyon Fm	4,320	1,316.7
Marmora Mb	4,320	1,316.7
Sable Mb	5,112	1,558.1
Cree Mb	5,402	1,646.5
Naskapi Mb	7,590	2,313.4
Missisauga Fm	7,920	2,414
Missisauga Upper Mb	7,920	2,414
("O" Marker)	8,889	2,712.1
Missisauga Middle Mb	8,990	2,740.1
MicMac Fm	11,605	3,537.2

ADDITIONAL REPORTS AND LOGS

Well History Report
Micropaleontological/Palynological/Source Rock Analysis Report
Micropaleontological Report
Borehole Compensated Sonic Log, Run 1-5
Compensated Formation Density Log, Run 1-3
3-Arm Focused Continuous Dipmeter (computed), Run 1-3
Directional Log (Computed), Run 1-3
Dual Induction-Laterlog, Run 1-5
Velocity Survey
Formation Tester, Test 1
Micropaleontology, Palynology, & Stratigraphy (x-ref. 8639-C20-1E)
Palynological Report
Sonigram Velocity Analysis
Polar and Points Plots

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**
Washed Cuttings	524.9 – 4,202.3	925
Unwashed Cuttings	549.5 – 4,202.3	909
Sidewall Core	326.1 – 4,169.6	253

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	540.1 – 4,194	195	cuttings
Micropaleo	335.3 – 4,108.1	69	sidewall core
Palynology	335.3 – 4,169.7	244	sidewall core
Nanofossil	3,627.1 – 4,202.9	20	cuttings
Nanofossil	335.3 – 4,169.7	58	sidewall core
Nanofossil	540.1 – 3,605.8	100	cuttings

Well Summaries Parcel 4

Tuscarora D-61

WELL SUMMARY

GENERAL INFORMATION

D #	99
Location	$44^0$40'10.35" N 58°55'10.85" W
Company	Shell et al
UWI	300D614450058450
Area	Scotian Shelf
Spud Date	April 23, 1973
Well Term. Date	June 2, 1973
Drilling Rig	Sedco H
Water Depth (m)	78.9
Rotary Table (m)	29.9
Total Depth MD (m)	3,939.6
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
406 mm x 297.5 m	16" x 976'
340 mm x 961.9 m	13 3/8" x 3,156'
244 mm x 2,086.4 m	9 5/8" x 6,845'

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	2,872 (bottom)	875.4
Wyandot Fm	2,872	875.4
Dawson Canyon Fm	3,519	1072.6
Petrel Mb	4,020	1,255.3
Logan Canyon Fm	4,296	1,309.4
Marmora Mb	4,296	1,309.4
Sable Mb	5,049	1,538.9
Cree Mb	5,260	1,603.2
Naskapi Mb	7,300	2,225.0

Missisauga Fm	7,599	2,316.2
Missisauga Upper Mb	7,599	2,316.2
("O Marker)	8,357	2,547.2
Missisauga Middle Mb	8,407	2,562.4
Mic Mac Fm	10,986	3,348.5

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Simultaneous Compensated Neutron Formation Density Log, Run 1-3
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Mud Log
Velocity Survey
Directional Log, Run 1-3
Induction Electrical Log, Run 1
Dual Induction Laterolog, Run 1-3
Palynological Processing Report

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	313.9 – 3,938.0	930
Unwashed Cuttings	313.9 – 3,938.0	938
Sidewall Core	368.2 – 3,920.9	164

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	304.8 – 3,938.0	122	cuttings
Micropaleo	368.2 – 3,902.9	69	sidewall Core
Palynology	304.8 – 3,938.0	212	cuttings
Palynology	429.2 – 3,734.7	91	sidewall Core

Chippewa G-67

WELL SUMMARY

GENERAL INFORMATION

D #	68
Location	44°36'20'.50" N 58°39'44'.62" W
Company	Shell
UWI	300G674440058300
Area	Scotian Shelf
Spud Date	October 28, 1971
Well Term. Date	December 18, 1971
Drilling Rig	Sedco H
Water Depth (m)	67.7
Rotary Table (m)	24.7
Total Depth MD (m)	3,670
Well Type	Exploratory
Well Status	P & A

Info. Release Date Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
406 mm x 278 m	16" x 912'
298.5 mm x 673.6 m	11 3/4" x 2,210'
244 mm x 1,970 m	9 5/8" x 6,465'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	3,448 (bottom)	1,050.9 (bottom)
Wyandot Fm	3,448	1,050.9
Dawson Canyon Fm	3,970	1,210.1
Petrel Mb	4,260 – 4,294.9	1,298.4 – 1,309.1
Logan Canyon Fm	4,521	1,378.0
Marmora Mb	4,521	1,378.0
Sable Mb	5,200	1,584.9
Cree Mb	5,460	1,664.2
Naskapi Mb	7,564	1,695.9
Missisauga Fm	7,810	2,380.5
Missisauga Upper Mb	7,810	2,380.5
"O" Marker	8,350	2,545.1
Missisauga Middle Mb	8,507	2,592.9
MicMac Fm	10,577	3,223.8
Caprock	11,514	3,509.5
Argo Fm	11,790	3,593.6

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-5
Dual Induction-Laterlog, Run 1-4
Compensated Formation Density Log, Run 1-4
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Directional Log (Computed), Run 1-4
Paleontological & Palynological Report
Velocity Survey

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**
Washed Cuttings	313.9 – 3,669.7	671
Unwashed Cuttings	313.9 – 3,669.7	502
Sidewall Core	304.8 – 3,578.9	203

SLIDES

Slide Type	**Interval (m)**	**# of Slides**	**Sample Source**
Micropaleo	313.9	121	cuttings
Micropaleo	313.9	66	sidewall core
Palynology	313.9	60	cuttings
Palynology	313.9	260	sidewall core
Palynology	899.2	32	cuttings

Chippewa L-75

WELL SUMMARY

GENERAL INFORMATION

D #	30
Location	44°34'35'.87" N 58°41'50.54 "W
Company	Shell
UWI	300L754440058300
Area	Scotian Shelf
Spud Date	July 12, 1971
Rig Release Date	August 12,1971
Drilling Rig	Sedneth 1
Water Depth (m)	67.7
Rotary Table (m)	24.7
Total Depth MD (m)	2,126.0
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
416 mm x 280.7 m	16 3/8" x 921'
340 mm x 581.3 m	13 3/8" x 1,907'
244 mm x 1,358.2 m	9 5/8" x 4,456'

GEOLOGIC TOPS

Formation/Member	**MD ft)**	**MD (m)**
Banquereau Fm	1,560 (bottom)	475.4 (bottom)
(unconformity)	1,560	475.4
Dawson Canyon Fm	1,560	475.4
Petrel Mb	1,774 – 1,792	540.7 – 546.2
Logan Canyon Fm	1,876	571.8
Marmora Mb	1,876	571.8
Sable Mb	2,332	707.7
Cree Mb	2,510	765.0
Naskapi Mb	3,348	1,020.5
Missisauga Fm	3,520	1,072.9
Missisauga Upper Mb	3,520	1,072.9
("O" Marker)	4,069	1,240.2
Missisauga Middle Mb	4,115	1,254.4
Mohican Equivalent/Caprock	6,382	1,945.2
Argo Fm	6,888	2,099.5

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-3
Compensated Formation Density Log, Run 1 & 2

3-Arm Focused Continuous Dipmeter (Computed), Run 1-3
Dual Induction-Laterlog, Run 1-3
Micropaleontological/Paleontological/Source Rock Analysis
Directional Log (Computed), Run 1-3
Velocity Survey
Micropaleontological & Paleontological Analysis

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	1,286.3 – 1,514.8	229
Unwashed Cuttings	1,286.3 – 1,514.8	227
Sidewall Core	295.6 – 2,101.6	152

Core

Core #	Interval (m)	Recovered (m)
1	1,941.6 – 1,950.11	7.62

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	1,280.2 – 2,124.5	29	cuttings
Micropaleo	1,333.5 – 2,087.8	29	sidewall core
Palynology	295.6 – 2,087.8	72	sidewall core

Peskowesk A-99

WELL SUMMARY

GENERAL INFORMATION

D #	272
Location	$44^0$28'13.84" N $58^0$58'40.98" W
Company	Shell/PCI et al
UWI	300A994430058450
Area	Scotian Shelf
Spud Date	April 22, 1985
Well Term. Date	June 13, 1985
Drilling Rig	Sedco 706
Water Depth (m)	62
Rotary Table (m)	27.5
Total Depth MD (m)	4,024
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
762 mm x 140 m	30” x 459.3’
340 mm x 475 m	13 3/8” x 1,558’

244 mm x 2,396 m	9 5/8" x 12,183'

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	998.7
Dawson Canyon Fm	1,152.5
Petrel Mb	1,274.5 – 1,284.5
Logan Canyon Fm	
Marmora Mb	1,378.5
Sable Mb	1,582.0
Cree Mb	1,675.8
Naskapi Mb	2,376.6
Missisauga Fm	2,465.2
Missisauga Upper Mb	2,465.2
("O" Marker)	2,754.3 – 2,790.0
Missisauga Middle Mb	2,790.0
MicMac Fm	3,500.4

ADDITIONAL REPORTS AND LOGS

Well History Report
Simultaneous Compensated Neutron-Litho Density, Run 1-3
Repeat Formation Tester, Run 1-3
Depth Derived Borehole Compensated Sonic Log, Run 1 & 2
Directional Survey, Run 1
Arrow Plot, Run 1
Dual Induction, Run 1-3
Core Sample Taker Results, Run 1 & 2
Dual Induction (Reduced Mylar)
Cement Volume Log, Run 1
Core Analysis
Mud Report
Core Photo's (Slabbed), Core 1-7
Offshore Technical Log
Palynological and Micropaleontological Summaries
Well Seismic Results, Run 1 & 2
Mud Gas Log

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**	**Remarks**
Washed Cuttings	500.0 – 3,995.0	488	
Unwashed Cuttings	500.0 – 4,003.7	510	
Sidewall Core	500.0 – 3,996.0	150	
Canned Samples	500.0 – 4,003.7	312	dried samples

Core

Core #	**Interval (m)**	**Recovery (m)**
1	2,208 – 2,225	15.8
2	2,225 – 2,243	14.0
3	2,243 – 2,263	7.35
4	2,263 – 2,282	13.5
5	2,470 – 2,498	27.6
6	2,927 – 2,956	27.38

7	3,793 – 3,814	20.91

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Palynology	495 – 3,995	147	cuttings
Palynology	530 – 3,716.9	34	sidewall core

Sauk A-57

WELL SUMMARY

GENERAL INFORMATION

D #	29
Location	44^{0}16'05.70" N 58^{0}37'44.41" W
Company	Mobil
UWI	300A574420058300
Area	Scotian Shelf
Spud Date	April 30, 1971
Well Term. Date	July 10, 1971
Drilling Rig	Sedneth 1
Water Depth (m)	60.04
Rotary Table (m)	25.9
Total Depth MD (m)	4,575
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
406 mm x 267 m	16" x 876'
340 mm x 1,011.9 m	13 3/8" x 3,320'
244 mm x 2,329.8 m	9 5/8" x 7,644'

GEOLOGIC TOPS

Formation/Member	MD (ft.)	MD (m)
Banquereau Fm	4,717	1,437.7 (bottom)
Wyandot Fm	4,717	1,437.7
Dawson Canyon Fm	5,224	1,592.3
Petrel Mb	5,553	1,692.5 – 1,693.5
Logan Canyon Fm	5,634	1,717.2
Marmora Mb	5,634	1,717.2
?Sable Mb	6,195	1,888.2
Cree Mb	6,783	2,067.5
Naskapi Mb	9,450	2,880.3
Missisauga Fm	9,908	3,019.9
Missisauga Upper Mb	9,908	3,019.9

	("O" Marker)	10,654	3,247.3 – 3,319.3
	Missisauga Middle Mb	10,890	3,319.3
MicMac Fm		14,770	4,290.7

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-5
Compensated Formation Density Log, Run 1-3
3-Arm Focused Continuous Dipmeter (Computed), Run 1-3
Dual Induction-Laterlog, Run 1-5
Micropaleontological/Paleontological Analysis
Micropaleontology, Paleontology and Stratigraphy
Directional Log (Computed), Run 1-3
Velocity Survey
Sonogram Velocity Survey
Geochemical Evaluation (x-ref 8623-R5-1P)
Vitrinite Reflectivity Data Summary Charts (enc.) (x-ref 8623-R005-001P)

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	350.2 – 4,294.6	910
Unwashed Cuttings	341.1 – 4,294.6	840
Sidewall Core	370.6 - 10,011.0	266

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	341.1 – 4,294.6	190	cuttings sidewall core
Micropaleo	296.2 – 4,241.6	89	sidewall core
Micropaleo	4,282.4 – 4,575.0	15	company cuttings
Palynology	278.9 – 2,385.0	57	sidewall core
Palynology	341.1 - 1,891.2	120	cuttings
Palynology	341.1 – 4,294.6	114	cuttings
Palynology	396.2 - 4,373.8	132	company sidewall core
Palynology	3,031.5 – 4,373.8	44	company sidewall core

Citadel H-52

WELL SUMMARY

GENERAL INFORMATION

D #	260
Location	44°11'25.07" N 58°52'39.87" W
Company	Home Oil et al
UWI	300H524420058450
Area	Scotian Shelf-Sable Island
Spud Date	December 18, 1984
Well Term. Date	May 29, 1985

Drilling Rig	Labrador 1
Water Depth (m)	65.3
Rotary Table (m)	38.3
Total Depth MD (m)	5,666
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
914 mm x 145 m	36” x 475.7’
610 mm x 265 m	24” x 869.4’
473 mm x 920 m	18 5/8” x 3,018.3’
340 mm x 2,920 m	13 3/8” x 9,580.0’
244.5 mm x 4,845 m	7” x 15,895’

GEOLOGIC TOPS

Formation / Member	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	1,429.5
Dawson Canyon Fm	1,570.5
Petrel Mb	1,622.5 – 1,625.6
Logan Canyon Fm	1,694.7
Marmora Mb	1,694.7
Sable Mb	1,924.7
Cree Mb	2,047.5
Naskapi Mb	2,891.6
Missisauga Fm	2,986.6
Missisauga Upper Mb	2,986.6
(“O” marker)	3,249.3 – 3,371.7
Missisauga Middle Mb	3,371.7
MicMac FM	4,455.0
(Approx. Top OP)	4,865.0

ADDITIONAL REPORTS AND LOGS

Well History Report
A. M. S. Playback (SHDT) (Field Print), Run 2
Dual Laterolog Micro SFL, Run 1, 3
SHDT-Computed, Run 2
Dual Induction-SFL, Run 2, 3
Cement Bond-Variable Density Waveform Log, Run 1
Cement Volume Log, Run 1
Sonic Waveform Log, Run 3
Cement Bond-Variable Density Log, Run 3
Well Abandonment (Field Print), Run 3
Depth Derived Borehole Compensated Sonic, Run 2, 3
Perforation Depth Control Log (Field Print), Run 2
Simultaneous Compensated Neutron-Litho Density, Run 3
Core Sample Taker Results, Run 3
Repeat Formation Tester, Run 3
Stratigraphic High Resolution Dipmeter, Run 3
SHDT, Run 2
Borehole Geometry Survey (Field Print), Run 1
Core Analysis

DDBHC Long Spacing Sonic (Field Print), Run 2
Cyberlook (Field Print), Run 2
Micropaleontology and Palynology Report
Well History Log
Formation Evaluation Log
Depth Derived Borehole Compensated Sonic (Reduced Mylar)
Dual Induction-SFL (Reduced Mylar)
Auxiliary Measurement Playback, Run 3
Compensated Neutron Log, Run 3
Repeat Formation Tester, Run 2
Hole Volume Log, Run 3
Cement Bond-Variable Density Log, Run 2
Simultaneous Compensated Neutron-Litho Density, Run 2
Cement Volume Log, Run 2
Core Sample Taker Results, Run 2
Auxiliary Measurement Survey, Run 2
Compensated Neutron Log, Run 3
Repeat Formation Tester, Run 2
Hole Volume Log, Run 3
Cement Bond-Variable Density Log, Run 2
Simultaneous Compensated Neutron-Litho Density, Run 2
Cement Volume Log, Run 2
Core Sample Taker Results, Run 2
Auxiliary Measurement Survey, Run 2

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	930.5 – 5,665	943	
Unwashed Cuttings	930.5 – 5,665	832	
Canned Samples (dried)	930 – 5,660	473	dried samples

CORE

Core #	Interval (m)	Recovery (m)
1	4,812.6 – 4,817.44	4.84
2	5,022.8 – 5,050.33	27.53

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	925 – 5 050	162	cuttings
Palynology	2,195 – 5,666	118	cuttings

North Banquereau I-13

WELL SUMMARY

GENERAL INFORMATION

D #	214
Location	$44^0$12'33.16" N $58^0$31'49.38" W
Company	PetroCan et al
UWI	300I134420058300

Area	Scotian Shelf
Spud Date	August 2, 1982
Well Term. Date	December 28,1982
Drilling Rig	Bow Drill I
Water Depth (m)	91
Rotary Table (m)	25
Total Depth MD (m)	5,188
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
762 mm x 220 m	30" x 721.7'
508 mm x 628 m	20" x 2,060'
340 mm x 2,074 m	13 1/3" x 6,804'
244 mm x 4,331 m	9 5/8" x 14,209.3'
178 mm x 5,029 m	7" x 16,499'

WELL TEST SUMMARY

Type /Test #	**Interval (m)**	**Recovery**	**Flow Rate** m^3/d	**Remarks**
DST #1	4,177 – 4,124	nil		misrun
DST #2	3,884 – 3,890	nil		no GTS, no fluid recovery

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	1,590.5
Dawson Canyon Fm	1,756.5
Petrel Mb	1,842.0 – 1,844.0
Logan Canyon Fm	1,954.0
Marmora Mb	1,954.0
Sable Mb	2,165.0
Cree Mb	2,262.0
Naskapi Mb	3,117.6
Missisauga Fm	3,460.0
Missisauga Upper Mb	3,460.0
("O" Marker)	3,785.0 – 3,870.0
Missisauga Middle Mb	3,870.0
Verrill Canyon Fm	4,148.0
Top OP	~4,350.0
MicMac Fm	4,919.5

ADDITIONAL REPORTS AND LOGS

Well History Report
Data Inventory
High Resolution Dipmeter-Cluster Listing, Run 1, 2
Formation Testing-Technical Report Test 1, Test 2
Pressure Gauge Report, DST #1, DST #2

Well Test Report, DST #1 & 2
Final Well Report
Core Photos
Core Photos (ultraviolet)
Core Photos (slabs)
Petrological Sediment Evaluation
Geochemical Evaluation-Final Report
Composite Log
Subsurface Master Log (Mud Log)
Completion Record, Run 1
Borehole Geometry Logs with Cement Volume Logs, Run 1-4
Four-arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Dual Induction-SFL, Run 1-4
Computer Processed Interpretation, Run 1
Sidewall Cores, Run 1-3
Proximity-Microlog, Run 1
Simultaneous Compensated Neutron-Formation Density, Run 1-4
Depth Derived Borehole Compensated Sonic Log, Run 1-5
Cement Bond-Variable Density Log, Run 1
Repeat Formation Tester, Run 1 & 2
Well Seismic Report
Velocity Analysis
Dual Induction-SFL (Reduced Mylar)
Dual Laterolog Micro SFL, Run 1
Biostratigraphy of Petro-Canada et al N. Banquereau I-13 (from microfiche)

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	650 – 5,188	912	
Unwashed Cuttings	650 – 5,188	885	
Canned Samples	3,865 – 5,185	133	dried samples

Core

Core #	Interval (m)	Recovery (m)
1	3,237.6 – 3,251.0	13.2
2	3,468.0 – 3,472.2	3.5

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	645 – 5,188	156	cuttings
Palynology	645 – 5,188	149	cuttings

Southwest Banquereau F-34

Well Summary

GENERAL INFORMATION

D # 227

Company	Petrocan et al.
Location	44°03'15'.62" N 58°50'21.60" W
UWI	300F344410058450
Area	Scotian Shelf
Spud Date	February 20, 1983
Well Term. Date	August 30,m 1983
Drilling Rig	Bow Drill I
Total Depth MD (m)	6,309
Water Depth (m)	173.9
Rotary Table (m)	24.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING

Size x Depth (metric)	**Size x Depth (imperial)**
762 mm x 264.4	30" x 867.5'
508 mm x 612.8	20" x 2,010.5
406 mm x1,913.4	16" x 6,277.5'
273 mm x 4,603	10 ¾" x 15,101.7'

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate / Amount**	**Remarks**
DST #1	4,486 – 4,496	-	-	misrun
DST #2	4,486 – 4,496	-	-	misrun
DST #3	4,332 – 4,324	gasified water gas liquid	- 11,600 m^3/d 478 m^3/d	to surface
DST #4	3,930 – 3,940	-	-	misrun
DST #5	3,930 – 3,940	formation water	-	Cl- 48,000 mg/l

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	1,773.1
Wyandot Fm	1,773.1
Dawson Canyon Fm	1,930.4
Petrel Mb?	2,033
Logan Canyon Fm	2,148
Marmora Mb	2,148
Sable Mb	2,399
Cree Mb	2,526.3
Naskapi Mb	3,533
Missisauga Fm	3,918
Missisauga Upper Mb	3,918
("O" Marker)	4,160
Missisauga Middle Mb	4,240

(Approx. Top of Overpressure)	4,600
Verrill Canyon Fm	4,980

ADDITIONAL REPORTS AND LOGS

Well History Report
Simultaneous Compensated Neutron-Formation Density, Run 1-3
Dual Induction-SFL, Run 1
Repeat Formation Tester Computation, Run 1
Depth Determination, Run 1
Thermal Decay Time Log, Run 1
Core Sample Taker Results, Run 1-3
Depth Derived Borehole Compensated Sonic Log, Run 1-5
Borehole Geometry Survey, Run 1-3
Dual Laterolog Micro SFL, Run 1-4
Completion Record, Run 1
Cement Bond-Variable Density Log, Run 1
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Repeat Formation Tester, Run 1
Well Seismic Report
Subsurface Master Log
Composite Log
Dual Laterolog Micro SFL (Reduced Mylar)
Drilling Data Pressure Log
High Resolution Dipmeter Cluster Listing, Run 2
Directional Survey, Run 1 & 2
Pressure Gauge Reports, DST 1
Pressure Gauge Reports, DST 2
Pressure Gauge Reports, DST 3
Pressure Gauge Reports, DST 4
Pressure Gauge Reports, DST 5
Formation Testing, Technical Reports, Test 1
Formation Testing, Technical Reports, Test 2
Formation Testing, Technical Reports, Test 3
Formation Testing, Technical Reports, Test 4
Formation Testing, Technical Reports, Test 5
Exlog Final Well Report
Well Test Report, Tests 1-5
Petrological Analysis of Sediments
Biostratigraphy Report
Biostratigraphy of the etc.
Geochemical Report
Directional Log (Computed), Run 1 & 2
Formation Evaluation Log
Pressure Evaluation Log
Resistivity Data Log
Temperature Data Log
Wireline Data Log
Offline Plot #1
Offline Plot #2
Offline Plot #3
Offline Plot #4

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	630 – 6,309	563
Unwashed Cuttings	630 – 6,309	1,104
Canned Cuttings (dried)	635 – 6,295	563

SLIDES

Slide Type	Interval (m)	# of Samples	Sample Source
Micropaleo	625 – 6,305	189	cuttings
Palynology	625 – 6,305	325	cuttings

Well Summaries Parcel 5

West Esperanto B-78

WELL SUMMARY

GENERAL INFORMATION

D #	216
Location	44^{0}47'03.40" N 58^{0}26'11.22" W
Company	Petrocan et al
UWI	300B784450058150
Area	Scotian Shelf
Spud Date	August 22, 1982
Well Term. Date	May 5, 1983
Drilling Rig	Vinland
Water Depth (m)	91.1
Rotary Table (m)	23.3
Total Depth MD (m)	5,703
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
762 mm x 236 m	30” x 774.3’
508 mm x 585 m	20” x 1,919.3’
406 mm x 1,792 m	16” x 5,879.3’
273 mm x 4,358 m	10 3/4” x 14,954.1’
194 mm x 4,983 m	7 5/8” x 16,348.4’

GEOLOGIC TOPS

Formation/Member	MD (m)
Banquereau Fm	934.7 (bottom)
Wyandot Fm	934.7
Dawson Canyon Fm	1,156
Petrel Mb	1,316.8 – 1,327.5
Logan Canyon Fm	1,396.2
Marmora Mb	1,396.2

	Sable Mb	1,569.2
	Cree Mb	1,685.7
	Naskapi Mb	2,220.4
Missisauga Fm		2,275.3
	Missisauga Upper Mb	2,275.3
	(“O” Marker)	2,378.0
	Missisauga Middle Mb	2,420.0
MicMac Fm		2,972.2
	~Top OP	4,870.0

ADDITIONAL REPORTS AND LOGS

Well History Report
Core Sample Taker Results, Run 1-3
Dual Laterolog Micro SFL, Run 1 & 2
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Repeat Formation Tester, Run 1 & 2
Cement Volume Log from Borehole Geometry Tool, Run 1-4
Depth Derived Borehole Compensated Sonic Log, Run 1-5
Simultaneous Compensated Neutron-Formation Density, Run 1-4
Directional Log (computed), Run 1A-3
Borehole Compensated Sonic Neutron Log, Run 1
Dual Induction-SFL, Run 1-3
Well Seismic Report
Velocity Analysis
Dual Induction-SFL (Reduced Mylar)
Composite Log
Subsurface Master Log
High Resolution Dipmeter, Cluster Listing, Run 1
Directional Survey, Run 1A-3
End of Well Report
Geochemical Evaluation
Petrological Analysis of Sediments
Biostratigraphy Report

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	600 – 5,702.8	1,050.0	
Unwashed Cuttings	600 – 5,702.8	1,017.0	
Canned Cuttings	600 – 5,702.8	509	dried samples

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	595 – 5,702.8	179	cuttings
Palynology	595 – 2,275	100	cuttings
Palynology	3,610.0 – 5,702.2	71	cuttings

Esperanto K-78

WELL SUMMARY

GENERAL INFORMATION

D #	13
Location	44^{0}47'31.26" N 58^{0}11'19.24" W
Company	Mobil et al
UWI	300K784450058000
Area	Scotian Shelf
Spud Date	March 9, 1971
Well Term. Date	April 24, 1971
Drilling Rig	Sedco H
Water Depth (m)	68.8
Rotary Table (m)	31.4
Total Depth MD (m)	3,540
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
749 mm x 106.1 m	29 1/2" x 348'
406 mm x 228.3 m	16" x 946 '
298.5 mm x 756.5 m	11 ¾" x 2,482'
244 mm x1,635.3 m	9 5/8" x 5,365'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	3,135 (bottom)	955.5 (bottom)
(Unconformity)	3,135	955.5
Dawson Canyon	3,954	1,205.2
Petrel Mb	4,454-4,500	1,357.6 – 1,371.6
Logan Canyon Fm	4,744	1,445.9
Marmora	4,744	1,445.9
Sable	5,335	1,626.1
Cree	5,633	1,716.9
Naskapi	7,262	2,213.4
Missisauga Fm	7,460	2,273.8
Missisauga Upper Mb	7,460	2,273.8
("O" Marker)	8,190	2,496.3 – 2,517.6
Missisauga Middle Mb	8,260	2,517.6
MicMac Fm	9,754	2,918.2

ADDITIONAL REPORTS AND LOGS

Well History Report
Paleontological/Palynological Report
Micropaleontology, Palynology and Stratigraphy Report
Borehole Compensated Sonic Well Velocity Survey
Borehole Compensated Sonic Log, Run 1-3
Compensated Formation Density Log, Run 1-3
4-Arm High Resolution Continuous Dipmeter, Run 1-3
Sidewall Neutron Porosity Log, Run 1

Dual Induction-Laterlog, Run 1-3
Caliper Log, Run 1-2

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	303.3 – 3,540.5	720	
Unwashed Cuttings	303.3 – 3,540.5	724	
Sidewall Core	413.9 – 3,533.8	50	
Canned Cuttings	338.3 – 3,540.5	101	Dried samples

Core

Core #	Interval (m)	Recovery (m)
1	2,960.5 – 2,969.6	9.1

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	303.2 – 3,540.2	103	cuttings
Micropaleo	950.9 – 3,297.9	7	sidewall core
Palynology	303.2 – 3,540.2	88	cuttings
Palynology	307.8 – 3,540.2	63	sidewall core
Palynology	2,961.7 – 2,969.1	6	core
Nanofossil	303.2 – 2,450.6	66	cuttings

Hesper I-52

WELL SUMMARY

GENERAL INFORMATION

D #	162
Location	44°41’40’.33” N 57°52’32.24” W
Company	Petrocan et al
UWI	300I524450057450
Area	Scotian Shelf
Spud Date	May 8, 1976
Well Term. Date	June 5, 1976
Drilling Rig	Sedco H
Water Depth (m)	2,804
Rotary Table (m)	29.9
Total Depth	2,804
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
406 mm x 261.6 m	16” x 858’
298 mm x 715.4 m	11 3/4” x 2,347’
244.5 mm x 1,414 m	9 5/8” x 4,639’

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	4,088 (bottom)	1,246 (bottom)
Wyandot Fm	4,088	1,246.0
Dawson Canyon Fm	5,899	1,493.2
Petrel Mb	5,367	1,635.8 – 1,642.8
Logan Canyon Fm	5,800	1,767..8
Marmora Mb	5,800	1,767.8
Sable Mb	6,206	1,891.6
Cree Mb	6,580	2,005.6
Naskapi Mb	8,756	2,668.8
(Volcanic Beds)	8,946 – 9,009.2	2,726.7 – 2,746.0
Missisauga Fm	9,033	2,753.3

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-3
Velocity Analysis
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Dual Induction Laterolog, Run 1-3
Velocity Survey & Velocity Log Calibration
Master Log (Gas in Cuttings, Drilling Rate etc.)
Dipmeter Cluster Calculation Listing
Weather and Vessel Performance Summary
Long Spacing Sonic Log , Run 1-3
Simultaneous Compensated Neutron Formation Density, Run 1 & 2
Well History Log (Lithology, Porosity etc.)

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	301.7 – 2,804.2	605	
Unwashed Cuttings	301.7 – 2,807.2	610	
Canned Cuttings	301.7 – 2,804.2	185	dried samples

Core

Core #	Interval (m)	Recovery (m)
1	2,750.8 – 2,758.4	7.01

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	301.7 – 2,788.9	97	cuttings
Palynology	301.7 – 2,788.9	82	cuttings

Hesper P-52

WELL SUMMARY

GENERAL INFORMATION

D #	257
Location	44°41'50'.95"N 57°52'47.72"W
Company	Husky Bow Valley et al
UWI	300P524450057450
Area	Scotian Shelf
Spud Date	August 22, 1984
Well Term. Date	May 1, 1985
Drilling Rig	Rowan Gorilla I
Water Depth (m)	44
Rotary Table (m)	41
Total Depth MD (m)	5,671
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
914 mm x 180 m	36" x 590.5'
508 mm x 788 m	20" x 156'
340 mm x 3,068 m	13 5/8" x 10,065'
244 mm x 4,901 m	9 5/8" x 16,079'
178 mm x 5,236 m	7 5/8" x 17,178.4'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	4,137.8 (bottom)	1,261.2 (bottom)
Wyandot Fm	4,137.8	1,261.2
Dawson Canyon Fm	4,945.2	1,507.3
Petrel Mb	5,404.2 – 5,436.4	1,647.2 - 1,657.0
Logan Canyon Fm	5,837.3	1,779.2
Marmora Mb	5,837.3	1,779.2
Sable Mb	6,234.5	1,900.2
Cree Mb	6,627.9	2,020.0
Naskapi Mb	8,825.4	2,690.0
(Volcanic Beds)	9,002.6	2,744.0
Missisauga Fm	9,083.0	2,768.5
Missisauga Upper Mb	9,083.0	2,768.5
("O" Marker)	10,052.5	3,064.0
Missisauga Middle Mb	10,154.2	3,095.0
MicMac Fm	11,725.7	3,754.0
Approx. Top OP	17,139.1	5,224.0

ADDITIONAL REPORTS AND LOGS

Well History Report
Directional Survey, Run 1
Depth Derived Borehole Compensated Sonic, Run 1-4
Simultaneous Compensated Neutron-Litho Density, Run 1-4
Dual Induction-SFL, Run 1
Dual Laterolog, Run 1-4
Directional Log Computed, Run 1-4
Repeat Formation Tester, Run 1 & 2

Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Well Seismic Report
Hydrocarbon Source Facies Analysis
Pressure Profile
Cement Volume Log, Run 1-4
Core Sample Taker Results, Run 1-3
Litho-Density Compensated Neutron Log (Field Print), Run 2
Cement Bond-Variable Density Log, Run 1-4
Well Seismic Report
Jack-Up Rig Foundation Analysis
Palynology Report
Dual Laterolog (Reduced Mylar)
Mud Log
Master Log

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	91.4 – 1,730.9	1,011	
Unwashed Cuttings	91.4 – 1,730.0	960	

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	89.9 – 1,730.9	187	cuttings
Micropaleo	121.9 – 1,730.9	235	co. cuttings
Palynology	91.4 – 1,730.9	609	cuttings
Palynology	332.2 – 1,700.4	186	sidewall core
Palynology	911.3 – 1,730.9	160	sidewall core
Palynology	308.4 – 1,727.9	73	co. sidewall core

Huron P-96

WELL SUMMARY

GENERAL INFORMATION

D #	11
Location	$44^0$35'47.11" N $58^0$28'50.64" W
Company	Shell
UWI	300P964440058150
Area	Scotian Shelf
Spud Date	July 22, 1970
Well Term. Date	August 27, 1970
Drilling Rig	Sedneth 1
Water Depth (m)	57.9
Rotary Table (m)	25.9
Total Depth MD (m)	3,081
Well Type	Exploratory
Well Status	P & A
Info. Release Date	released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
406 mm x 259.1 m	16" x 860'
340 mm x 573.6 m	13 3/8" x 1,882'
244 mm x1,556.1 m	9 5/8" x 5,138'

GEOLOGIC TOPS

Formation/Member	MD (ft.)	MD (m)
Banquereau Fm	2,980 (bottom)	980.3
Wyandot Fm	2,980	908.3
Dawson Canyon Fm	3,560	1085.0
Petrel Mb	3,818	1,163.7 – 1,171.6
Logan Canyon Fm	3,844	1,255.7
Marmora Mb	4,120	1,255.7
Sable Mb	4,724	1,439.8
Cree Mb	5,060	1,542.2
Naskapi Mb	7,000	2,133.6
Missisauga Fm	7,180	2,188.4
Missisauga Upper Mb	7,180	2,188.4
("O" Marker)	7,590	2,313.4 – 2,319.5
Missisauga Middle Mb	7,610	2,319.5
MicMac Fm	8,7738	2,663.3
(Caprock)	9,375	2,857
Argo Fm	9,829	2,995.9

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-3
Compensated Formation Density Log, Run 1-2
3-Arm Focused Continuous Dipmeter (computed), Run 1-2
Directional Log (Computed), Run 1-2
Dual Induction-Laterlog, Run 1-4
Velocity Survey
Geological Data, Revised
Micropaleontological/Palynological Report
Micropaleontology, Palynology, & Stratigraphy (x-ref. 8639-C20-1E)
Micropaleontology Analysis Chart #1
Micropaleontology Analysis Chart #2
Micropaleontology, Palynology & Stratigraphy of the Shell Huron P-96 Well

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	286.5 – 3,017.5	574
Unwashed Cuttings	286.5 – 3,017.5	574
Sidewall Core	580.0 - 2,994.0	118

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	274.3 – 3,017.5	147	cuttings
Micropaleo	580.0 – 2,813.6	72	sidewall core

Micropaleo	1.0 – 121.9	28	soil samples
Palynology	1.0 - 121.9	28	soil samples
Palynology	274.32 – 1,685.5	46	cuttings
Palynology	676.6 – 2,087.3	18	sidewall core
Palynology	2,115.3 – 2,173.2	4	cuttings
Palynology	2,266.2 – 2,343.9	3	sidewall core
Palynology	2,346.9 – 2,356.1	2	cuttings
Palynology	2,426.8 – 2,684.1	7	sidewall core
Palynology	2,773.7 – 2,782.8	2	cuttings
Palynology	2,850.5 – 2,916.3	2	sidewall core
Nanofossil	274.3 – 3,017.5	91	cuttings
Nanofossil	1,222.3 – 2,990.4	2	sidewall core

Louisbourg J-47

WELL SUMMARY

GENERAL INFORMATION

D #	240
Location	$44^0$26'43.08"N $58^0$21'26.02" W
Company	Home Oil et al
UWI	300J474430058150
Area	Scotian Shelf
Spud Date	November 25, 1983
Well Term. Date	October 13, 1984
Drilling Rig	Glomar Labrador 1
Water Depth (m)	63.1
Rotary Table (m)	38.2
Total Depth MD (m)	6,042
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
914 mm x 142.3 m	36” x 4,466.8’
610 mm x 263.0 m	24” x 862.8’
473 mm x 897.0m	18 1/2” x 1,942.9’
340 mm x 2,973.6 m	13 1/3” x 9,755.9’
244.5 mm x 4,789.4 m	9 5/8” x 15,713.2’
178 mm x 5,599.0m	7 5/8” x 18,369.4’

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	1,363.2
Dawson Canyon Fm	1,546.2
Petrel Mb	1,630.0 – 1,633.7
Logan Canyon Fm	

Marmora Mb	1,726.0
Sable Mb	1,872.0
Cree Mb	2,034.0
Naskapi Mb	2,747.0
Missisauga Fm	2,993
Missisauga Upper Mb	2,993
(“O” Marker)	3,198 – 3,276
Missisauga Middle Mb	3,276.0
MicMac Fm	4,290.5
Top OP	~4,420.0

ADDITIONAL REPORTS AND LOGS

Well History Report
Depth Derived Borehole Compensated Sonic Log Run 1, 2, 3, 5
Dual Induction/Long Spaced Sonic (Field Print), Run 1
Cement Volume Log, Run 1,3
Completion Record, Run 4A, 5B(2), 5C
Dual Laterolog Micro SFL, Run 1, 3, 5
Dual Induction-SFL, Run 1, 2, 3, 4, 5
Four-Arm High Resolution Continuous Dipmeter, Run 1, 3
Simultaneous Compensated Neutron-Formation Density Run 1, 2, 3, 4, 5
Petroleum Geochemical Eval. of Interval 950-6042.7m
RFT Quicklook (Field Print), Run 1, 3
Cyberlook (Field Print), Run 1, 3
Cyberdip (Field Print), Run 3
Volan Computer Processed Log, Run 2-5
Mechanical Properties Log, Run 3-5
Micropaleo/Palynology, and Lithostratigraphy Report
Well Seismic Report
Well History Log
Formation Evaluation Log
Stratigraphic Column
Moved Oil Cyberlook (Field Print), Run 3
Repeat Formation Tester (Samples), Run 1
Dual Induction-SFL (Reduced Mylar)
Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)
Repeat Formation Tester, Run 1, 3
High Resolution Temperature Log, Run 1B
Simultaneous Compensated Neutron-Formation Density (Reduced Mylar)
Core Sample Taker Results, Run 1, 3, 3A
Waveform Log, Run 3
Perforation Depth Control Log, Run 5B
Water Analysis
Reservoir Quality and Formation Damage Analysis of Sidewall Core Samples
Natural Gamma Ray Spectroscopy Log, Run 3
Vertical Seismic Profile
Microlaterlog-Microlog, Run 5
Cement Bond-Variable Density Log, Run 1, 3, 5, 5A
Faciolog, Run 1
Thin Section Petrography
Plan & Field Notes
DST #1B Test Results
Cement Volume Log, Run 1, 3

Reservoir Quality Analysis
Synthetic Microlog, Run 2
Sidewall Core Results, Run 5
Sidewall Cores, Run 1
Pressure Gauge Drill Stem Tests: DST #1, Zone 1
Pressure Gauge Drill Stem Tests: DST #3, Zone 3
Pressure Gauge Drill Stem Tests: DST #3, Zone 3 Gauge # 111
Pressure Gauge Drill Stem Tests: DST #4, Zone 7
Pressure Gauge Drill Stem Tests: DST #4, Zone 7 Gauge # 341A
Four-Arm Caliper Log, Run 1A
True Vertical Depth Directional Plots, Run 3B
Core Photo's (Slabbed), Core 1-5

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	905 – 6,042.7	1,028
Unwashed Cuttings	905 – 6,042.7	1,024
Sidewall Core	2,998 – 4,777	58

Core

Core #	Interval (m)	Recovery (m)
1	4,072.1 – 4,091.3	16.2
2	4,405.3 – 4,408.9	2.6
3	4,408.0 – 4,422.8	12.5
4	4,527.2 – 4,531.5	4.3
5	5,436.7 – 5,455.4	18.7

Recovered Fluids

Test #	Interval (m)	Recovered From	Fluid Type
DST #2	5,503 – 5,514	choke manifold	water
DST #4	4,530 – 4,537	choke manifold	water

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	4,408 – 5,555	9	core
Micropaleo	900 – 6,042.7	176	cuttings
Micropaleo	260 – 900	21	cuttings
Palynology	900 – 6,042.7	232	cuttings

South Griffin J-13

WELL SUMMARY

GENERAL INFORMATION

D #	243
Location	44°22’37.77”N 58°01’54.76”W
Company	Husky-Bow Valley et al
UWI	300J13430058001
Area	Scotian Shelf
Spud Date	January 8, 1984

Well Term. Date	August 20, 1984
Drilling Rig	Rowan Gorilla I
Water Depth (m)	63.4
Rotary Table (m)	39.6
Total Depth MD (m)	5,911
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
914 mm x 324.3 m	36” x 1,063.9’
508 mm x 908.6 m	20” x 2,980.9’
340 mm x 3,102.9 m	13 5/8” x 10,177’
244 mm x 3,102.9 m	9 5/8” x 15,461.9’

GEOLOGIC TOPS

Formation/Member	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	1,587.2
Dawson Canyon Fm	1,774.4
Petrel Mb	1,873.0 – 1,888.0
Logan Canyon Fm	2,170.0
Marmora Mb	2,170.0
Sable Mb	2,253.5
Cree Mb	2,296.8
Naskapi Mb	2,881.5
Missisauga Fm	3,214.0
Missisauga Upper Mb	3,214.0
(“O” Marker)	3,502.0 - 3,592.0
Missisauga Middle Mb	3,592.0
MicMac Fm	4,611.0
Top OP	~5023.0

ADDITIONAL REPORTS AND LOGS

Dual Induction-SFL, Run 1-5
Simultaneous Compensated Neutron-Litho Density, Run 1-3
Dual Laterolog Micro SFL, Run 1-3
Merged Log Data 1:1200, Run 1-3
Simultaneous Compensated Neutron-Litho Density (Reduced Mylar)
Depth Derived Borehole Compensated Sonic Log Run 1-5
Mud Log
Cyberdip (On Reduced Mylar Only)
Cement Volume Log, Run 1-3
Dual Induction-SFL (Reduced Mylar)
Dual Laterolog Micro SFL (Reduced Mylar)
Repeat Formation Tester, Run 1-3
Cement Evaluation Log, Run 1
Four-Arm High Resolution Continuous Dipmeter Run 1-3
Four-Arm High Resolution Continuous Dipmeter (Computed),Run 1-3
Compensated Neutron-Formation Density (Reduced Mylar)
Dual Laterolog Micro SFL (Reduced Mylar)
Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)

Directional Log (Computed), Run 1-3
Auxiliary Measuring-Sub Log, Run 1
Cement Bond-Variable Density Log, Run 1
Four-Arm High Resolution Continuous Dipmeter Run 1-3
Report on Biostratigraphy and Depositional Environments
Four-Arm High Resolution Continuous Dipmeter (Computed),Run 1-3
Mud-Gas Log
Well Seismic Report
Horizontal Plot
Plan and Field Notes
Biostratigraphy-Final Report
Core Photo's (Slabbed), Core 1
Thin Section Petrography
Directional Survey, Run 1, 2, 3
Seismic Quicklook, Run 1-3
Well Seismic Report
Core Sampling Results, Run 1-3
Vertical Seismic Profile
Jack Up Rig Foundation Analysis
Natural Gamma Ray Spectroscopy Log

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	450 – 5910	907
Unwashed Cuttings	450 – 5,911	984
Sidewall Core	4,316	1

Core

Core #	Interval (m)	Recovery (m)
1	4,138.3 – 4,141.3	3.0

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	440- 4,225	127	cuttings
Micropaleo	4,245-5,905	56	cuttings
Micropaleo	4,141.3	1	company core
Micropaleo	450 – 5,911	287	cuttings
Palynology	450 - 5,905	183	cuttings
Palynology	450 – 5,911	585	company cuttings
Palynology	1,082.6 - 5,886	226	company sidewall core
Palynology	1, 082.6 – 5,905	93	company sidewall core
Palynology	4,138.8 – 4,141.0	6	company core

Well Summaries Parcel 6

Hesper I-52

WELL SUMMARY

GENERAL INFORMATION

D # 162

Location	44°41'40'.33" N 57°52'32.24" W
Company	Petrocan et al
UWI	300I524450057450
Area	Scotian Shelf
Spud Date	May 8, 1976
Well Term. Date	June 5, 1976
Drilling Rig	Sedco H
Water Depth (m)	2,804
Rotary Table (m)	29.9
Total Depth	2,804
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
406 mm x 261.6 m	16" x 858'
298 mm x 715.4 m	11 3/4" x 2,347'
244.5 mm x 1,414 m	9 5/8" x 4,639'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	4,088	in casing
Wyandot Fm	4,088	1,246.0
Dawson Canyon Fm	5,899	1,493.2
Petrel Mb	5,367	1,635.8 – 1,642.8
Logan Canyon Fm	5,800	1,767..8
Marmora Mb	5,800	1,767.8
Sable Mb	6,206	1,891.6
Cree Mb	6,580	2,005.6
Naskapi Mb	8,756	2,668.8
(Volcanic Beds)	8,946 – 9,009.2	2,726.7 – 2,746.0
Missisauga Fm	9,033	?2,753.3

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-3
Velocity Analysis
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Dual Induction Laterolog, Run 1-3
Velocity Survey & Velocity Log Calibration
Master Log (Gas in Cuttings, Drilling Rate etc.)
Dipmeter Cluster Calculation Listing
Weather and Vessel Performance Summary
Long Spacing Sonic Log , Run 1-3
Simultaneous Compensated Neutron Formation Density, Run 1 & 2
Well History Log (Lithology, Porosity etc.)

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**	**Remarks**

Washed Cuttings	301.7 – 2,804.2	605	
Unwashed Cuttings	301.7 – 2,807.2	610	
Canned Cuttings	301.7 – 2,804.2	185	dried samples

Core

Core #	**Interval (m)**	**Recovery (m)**
1	2,750.8 – 2,758.4	7.01

SLIDES

Slide Type	**Interval (m)**	**# of Slides**	**Sample Source**
Micropaleo	301.7 – 2,788.9	97	cuttings
Palynology	301.7 – 2,788.9	82	cuttings

Hesper P-52

WELL SUMMARY

GENERAL INFORMATION

D #	257
Location	44°41'50'.95"N 57°52'47.72"W
Company	Husky Bow Valley et al
UWI	300P524450057450
Area	Scotian Shelf
Spud Date	August 22, 1984
Well Term. Date	May 1, 1985
Drilling Rig	Rowan Gorilla I
Water Depth (m)	44
Rotary Table (m)	41
Total Depth MD (m)	5,671
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
914 mm x 180 m	36" x 590.5'
508 mm x 788 m	20" x 156'
340 mm x 3,068 m	13 5/8" x 10,065'
244 mm x 4,901 m	9 5/8" x 16,079'
178 mm x 5,236 m	7 5/8" x 17,178.4'

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	4,137.8 (bottom)	1,261.2 (bottom)
Wyandot Fm	4,137.8	1,261.2
Dawson Canyon Fm	4,945.2	1,507.3
Petrel Mb	5,404.2 – 5,436.4	1,647.2 - 1,657.0

Logan Canyon Fm		5,837.3	1,779.2
	Marmora Mb	5,837.3	1,779.2
	Sable Mb	6,234.5	1,900.2
	Cree Mb	6,627.9	2,020.0
	Naskapi Mb	8,825.4	2,690.0
	(Volcanic Beds)	9,002.6	2,744.0
Missisauga Fm		9,083.0	2,768.5
	Missisauga Upper Mb	9,083.0	2,768.5
	("O" Marker)	10,052.5	3,064.0
	Missisauga Middle Mb	10,154.2	3,095.0
MicMac Fm		11,725.7	3,754.0
	Approx. Top OP	17,139.1	5,224.0

ADDITIONAL REPORTS AND LOGS

Well History Report
Directional Survey, Run 1
Depth Derived Borehole Compensated Sonic, Run 1-4
Simultaneous Compensated Neutron-Litho Density, Run 1-4
Dual Induction-SFL, Run 1
Dual Laterolog, Run 1-4
Directional Log Computed, Run 1-4
Repeat Formation Tester, Run 1 & 2
Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Well Seismic Report
Hydrocarbon Source Facies Analysis
Pressure Profile
Cement Volume Log, Run 1-4
Core Sample Taker Results, Run 1-3
Litho-Density Compensated Neutron Log (Field Print), Run 2
Cement Bond-Variable Density Log, Run 1-4
Well Seismic Report
Jack-Up Rig Foundation Analysis
Palynology Report
Dual Laterolog (Reduced Mylar)
Mud Log
Master Log

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	91.4 – 1,730.9	1,011	
Unwashed Cuttings	91.4 – 1,730.0	960	

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	89.9 – 1,730.9	187	cuttings
Micropaleo	121.9 – 1,730.9	235	co. cuttings
Palynology	91.4 – 1,730.9	609	cuttings
Palynology	332.2 – 1,700.4	186	sidewall core
Palynology	911.3 – 1,730.9	160	sidewall core
Palynology	308.4 – 1,727.9	73	co. sidewall core

Sachem D-76

WELL SUMMARY

GENERAL INFORMATION

D #	146
Location	44^{0}35'09.22" N 57^{0}41'58.29" W
Company	Mobil
UWI	300D764440057300
Area	Scotian Shelf
Spud Date	May 17, 1975
Well Term. Date	July 30, 1975
Drilling Rig	Sedco J
Water Depth (m)	58.5
Rotary Table (m)	29.9
Total Depth MD (m)	4,878
Well Type	Exploratory
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
762 mm x 138.4 m	30” x 454’
508 mm x 252.7 m	20” x 829’
340 mm x 1,157 m	13 3/8” x 3,796’
244 mm x 3,098 m	9 5/8” x 10,164’

GEOLOGIC TOPS

Formation/Member	**MD (ft)**	**MD (m)**
Banquereau Fm	4,530	1,380.7 (Bottom)
Wyandot Fm	4,530	1,380.7
(?Unconformity)	5,810	1,770.9
Dawson Canyon Fm	5,810	1,770.9
Logan Canyon Fm	6,766	2,062.3
Marmora Mb	6,766	2,062.3
Sable Mb	6,966	2,123.2
Cree Mb	7,337	2,236.3
Naskapi Mb	9,164	2,393.2
Missisauga Fm	9,764	2,976.1
Missisauga Upper Mb	9,764	2,976.1
(“O” Marker)	10,600	3,230.9
Missisauga Middle Mb	10,890	3,319.3
MicMac Fm	13,033	3,972.5

ADDITIONAL REPORTS AND LOGS

Well History Report
Directional Log (Computed), Run 1-3
4-Arm High Resolution Continuous Dipmeter, Run 1-3
Borehole Compensated Sonic Log, Run 1-4
Borehole Compensated Sonic Log (Field Print), Run 1,2,3,4

Simultaneous Comp. Neutron Formation Density, Run 1-3
Simultaneous Comp. Neutron Formation Density (Field Print), Run 1,2,3
Velocity Survey and Velocity Log Calibration
Dual Induction Laterolog, Run 1-4
Dual Induction Laterolog (Field Print), Run 1,2,3,4
Velocity Analysis
Calibrated Velocity Log
Mud History Log
Directional Survey
Temperature Log, Run1
Temperature Log (Field Print), Run 1
Formation Tester, Test 2
Palynological and Paleontological Summaries

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	265.2 – 4,876.8	1,064	
Unwashed Cuttings	265.2 – 4,812.8	1,065	
Sidewall Core	477.0 – 4,830.7	217	
Canned Cuttings	1,179.5 – 4,876.8	365	dried samples

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	265.2 – 4,876.8	182	cuttings
Palynology	524.3 - 2,249.4	35	sidewall core
Palynology	265.2 – 4,876.8	218	cuttings

Dauntless D-35

WELL SUMMARY

GENERAL INFORMATION

D #	27
Location	44°44’08.26” N 57°20’46.62” W
Company	Mobil et al
UWI	300D354450057150
Area	Scotian Shelf
Spud Date	April 26, 1971
Well Term. Date	July 16,1971
Drilling Rig	Sedco H
Water Depth (m)	69.2
Rotary Table (m)	31.4
Total Depth MD (m)	4,741
Well Type	Exploration
Well Status	P & A
Info. Release Date	Released

CASING

Casing Size x Depth (metric)	Casing Size x Depth (imperial)
762 mm x104.7 m	30” x 350’
406 mm x 242 m	16” x 794’
298.5 mm x 983.6 m	11 3/4” x 3,227’
244 mm x 2,562.5 m	9 5/8” x 8,407’

GEOLOGIC TOPS

Formation/Member	MD (ft)	MD (m)
Banquereau Fm	4,700	1,432.5 (bottom)
Wyandot Fm	4,700	1,432.5
Dawson Canyon Fm	6,002	1,829.4
Petrel Mb	6,470 – 6,515	1,972.1 – 1,985.7
Logan Canyon Fm	7,090	2,161.0
Marmora Mb	7,090	2,161.0
Sable Mb	7,225	2,202.2
Cree Mb	7,576	2,309.2
Naskapi Mb	9,012	2,746.9
Missisauga Fm	9,630	2,935.2
Missisauga upper Mb	9,630	2,935.2
(“O” marker)	10,440	3,182.1 – 3,282.7
Missisauga middle Mb	10,770	3,282.7
(base Cretaceous unconformity?)	11,882	3,621.6
MicMac Fm	12,165	3,707.8

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-3
Compensated Formation Density Log, Run 1 & 2
3-Arm Focused Continuous Dipmeter, Run 1
Dual Induction-Laterlog, Run 1-3
Paleontological Analysis
Stratigraphic Column
Directional Log (Computed), Run 1 & 2
Velocity Survey
Well Velocity Survey (Shooting Plan)
Geochemical Evaluation Report (x-ref 8623-R5-1P)
Sidewall Neutron Porosity Log, Run 1
Caliper Log, Run 1
Geochemical Analysis
D.A.T.A. Log (Data Acquisition & Technical Analysis)
4-Arm High Resolution Continuous Dipmeter, Run 1 & 2
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2
Borehole Compensated Sonic Log (DC Plot/Reflectivity), Run 1-3
Summary of Palynological Analysis (Interval 4000ft - 15 555ft TD)
Micropaleontology, Palynology, & Stratigraphy Report.
Vitrinite Reflectivity

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	305.1 – 4,724.7	859
Unwashed Cuttings	313.9 – 4,724.7	901
Sidewall Core	370.6 - 1,011.0	28

Core

Core #	Interval (m)	Recovery (m)
1	3,162.6 – 3,172.1	3.7
2	4,719.2 – 4,728.3	1.2

SLIDES

Slide Type	Interval (m)	# of Slides	Sample Source
Micropaleo	313.9 - 4,742.7	294	cuttings
Micropaleo	535.8 - 5,47.4	47	sidewall core
Palynology	313.9 - 4,742.7	112	cuttings
Palynology	3,163.0 - 3,723.2	7	core
Palynology	371.2 - 4,693.3	75	sidewall core
Thin Sections	3,165.9 - 4,721.4	2	core

3. Released Sample Reports

Report #	Completion Date	Report Description
SR2007-13	2012	The relationship of transgressive systems tracts to sea-floor digenesis, Lower Cretaceous, Scotian Basin **(Peskowesk A-99, Thebaud C-74)**
SR2007-11	2008	Lower Cretaceous Lithostratigraphy, Sedimentology, and Petrology of the **Kegeshook G-67** well, Scotian Basin
SR2007-7A	2008	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 2, fox I-22, Crow F-52, Peskowesk A-99, Dauntless D-35, Diogenes Brook)**
SR2004-1	2004	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)**
SR2002-10C	2009	Petrology and Mineralogy of Lower Cretaceous sedimentary rocks, **Dauntless D-35** well, Scotian Shelf (GSC open file 6280) G.Pe-Piper and D.J.W. Piper

Report #	Completion Date	Report Description
SR2002-11	2008	High-Resolution Chronostratigraphy and Depositional Environments of Eleven Wells, Scotian Shelf, Offshore Eastern Canada (**Abenaki J-56, 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)**
SR2002-10A /SR2001-15A	2005	Electron microbe geochronology and chemical variation of detrital monazite from the Lower Cretaceous sandstones of the Scotian Basin and the Chaswood Formation, Eastern Canada. GSC open file 5023 **(Alma K-85, Naskapi N-30, Peskowesk A-99)**
SR2002-10	2003	Lower Cretaceous Lithofacies and Petrology of **Peskowesk A-99, and Dauntless D-35 Wells, Scotian Basin.**
SR2000-7	2004	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, W. Venture C-62, W. Venture N-91, Thebaud C-74, W. Olympia O-51, N. Triumph G-43, W. Chebucto K-20, Venture B-13, Venture B-52, Venture H-22, Kegeshook G-67, Panuke B-90, Glenelg E-58A, Thebaud I-93, Venture B-43, Glenelg N-49, Panuke F-99, Lawrence D-14, Sable Island C-67)**
SR1999-7	2001	Frontier Reservoirs of the North Atlantic (47 Offshore Nova Scotia wells including Chippewa L-75, Dauntless D-35, Erie D-26, Esperanto K-78, Hesper I-52, Louisbourg J-47, Mic Mac D-89, Penobscot B-41, Peskowesk A-99, South Griffin J-13, SW Banquereau F-34, and Venture B-52)
SR1999-4 / SR1995-5	Mar-99 Apr-99	Geochemical Analysis of Well Cuttings form the **Albatross B-13, Abenaki J-56 and Evangeline H-98** wells, Scotian Basin
SR1999-3	1999	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)**
SR1999-2	1999	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)**

SR1996-2	1997	Palynological Correlation of **South Venture O-59** and **Venture B-52** Wells
SR1995-1	1995	West Sable Exploration License Reservoir Quality Study Offshore Nova Scotia. (**Thebaud C-74, Thebaud I-93, Migrant N-20, Alma F-67)**
SR1994-4	1994	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 **(50 wells)**

Report #	**Completion Date**	**Report Description**
SR1994-3	1994	Preliminary Cenozoic Foraminiferal Biostratigraphy and Depositional Environments of **Venture B-52**
SR1994-2	1994	Vitrinite Reflectance of Dispersed Organics from Thirteen Scotian Shelf Wells 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)**
SR1994-1	1994	Vitrinite Reflectance of Dispersed Organics from Eleven Scotian Shelf Wells 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)**
SR1993-5	1993	Analyses and Interpretation of Geochemical and Source Rock Data from Scotian Shelf Wells. (**Cohasset A-52, Sable Island 3H-58, Venture B-52, South Desbarres O-76, North Triumph G-43, S.W. Banquereau F-34, Thebaud C-74)**
SR1993-4	1993	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)**
SR1991-5	1991	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)**
SR1991-2	1991	Characterization and Maturation of Selected Cretaceous and Jurassic Source Rocks and Crude Oil, Scotian Shelf
SR1991-1	1991	Vitrinite Reflectance of Dispersed Organics from Conventional Cores from Seven Scotian Shelf Wells Open File #2455 (**Arcadia J-16, Louisbourg J-47, South Desbarres O-79, Venture B-52, West Chebucto K-20, West Venture C-62, West Venture N-91)**
SR1990-5	1990	Evaluation of Organic Facies of Verrill Canyon Formation Sable Subbasin, Scotian Shelf **(Thebaud B-84, Alma F-67, Glenelg J-48, Intrepid L-80, Southwest Banquereau F-34)**

SR1990-3	1990	Characterization and Maturation of Selected Oil and Condensate Samples and Correlation with Source Beds, Scotian Shelf
SR1989-1	1989	Cretaceous Organic Facies and Oil Occurrence Scotian Shelf

Report #	Completion Date	Report Description
SR1988-4	1988	Mesozoic-Cenozoic Foraminiferal, Ostracod and Calpionellid Zonation of the North Atlantic Margin of North America: Georges Bank-Scotian Basins and Northeastern Grand Banks GSC Open file No. 1791 Biostratigraphic Correlation of 51 Wells **(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-42, 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-850, Primrose F-41, Sauk A-57,. W. Esperanto B-78, Louisburg J-47, Jason C-20, S. Griffin J-13, Dauntless D-35)**
SR1987-1	1987	Venture Field Porosity and Permeability Measurements
SR1985-2	1985	Palynological Analysis of Conventional Core from **Venture B-52** Well
SR1979-1	1979	Palynological Zonation and Correlation of Sixty-seven Wells, Eastern Canada

4. Geophysical Data – Report Descriptions

Program No. (Parcel #)	Completion Date	Length (km)	Title	Mylar (Y/N)
8624-B011-003E (1,2,3,4,5)	05-Nov-82	2,270.07	Deep Reflection Seismic Program, North Abenaki	Y
8624-B011-004E (1,3,4)	10-Jun-83	1,094.68	Deep Reflection Seismic Program, Sable Regional Survey	Y
8624-B011-005E (5,6)	13-Aug-83	1,082.03	Deep Reflection Seismic Program, East Banquereau Block	Y
8624-B011-006E (1,2,3,4)	13-Aug-83	750.85	Deep Reflection Seismic Program, North Abenaki	Y
8624-B011-007E (5,6)	22-Apr-84	186.70	Deep Reflection Seismic Program over East Banquereau Block (South Sable III)	Y
8624-B011-008E (5,6)	30-Oct-84	482.00	Deep Reflection Seismic Program over East Banquereau Block	Y
8620-C020-001E (1,2,3,4,5,6)	15-Oct-71	6,536.90	Report on Seismic, Gravity, & Magnetic Survey, Scotian Shelf Area	Y
8624-C020-001E (1,2,3,4,5,6)	20-Sep-72	5,259.19	Report on Seismograph Survey, Nova Scotia Shelf	N
8624-C055-003E (3,4,5,6)	01-Oct-82	1,439.10	Final Report on Seismic Survey, Sable Island Area	Y

NS24/8924-C149-001E (6)	15-Sep-04	512.20	2D Seismic Survey. Laurentian Channel	Y
8624-D003-003E x-ref 8624-D009-002E (3,4,5)	16-Jul-1982	1,040.95	2D Survey – East Sable Area	N
NS24-G005-002P (4,5,6)	8-Aug-00	9,678.00	2D Seismic Survey, Barrington	Y
NS24-G005-004P (1,2)	6-Jun-01	1,875.20	2D Survey, South Wales	N
NS24-G005-007P (1,2,3)	17-Nov-02	2,582.78	2D Survey, Sable Island Area	N
8624-G005-006P (2)	01-Oct-82	569.97	Speculative Survey, Gulf of St Lawrence, Scotian Shelf, Cabot Strait	Y
8624-G005-007P (1,2,3,4,5,6)	05-Apr-84	1,895.65	Final Report Nova Scotia 1984 Geophysical Survey	Y
NS24-G075-003P (1,2,3,4,5,6)	2003	3,356.60	Ultra deep 2D Seismic – Nova SPAN **Confidential Contact ION /GX Technology**	-

Program No. (Parcel #)	**Completion Date**	**Length (km)**	**Title**	**Mylar (Y/N)**
8624-H005-001E (3,4,5)	19-Aug-83	528.85	1983 Seismic Survey, East Sable Area, Louisbourg and Citadel Structures	Y
8624-H005-002E (5)	31-Oct-84	86.00	1984 Seismic Survey, East Sable Area	Y
8624-H007-010E (2,3,4,5)	22-Aug-81	1,134.78	Marine Seismic Survey, East Sable Prospect	N
NS24-J014-001P (3,4,5,6)	05-Sep-98	1999.4	Scotian Shelf East	
8620-J008-001E (1,2,3)	23-Jul-83	4,693.48	Report on the Geophysical Survey, ICG Parks Offshore Exploration Partnership 1982-83 East & West Sable Areas	Y
8620-J008-007E (3,4,5,6)	11-Jan-83	2,258.93	Report on the Geophysical Survey, ICG Parks Offshore Exploration Partnership 1982 Banquereau Area	Y
NS24-M003-007E (1,3)	1-Jun-98 6-Sept-98	1,440 km^2	Geophysical Final Report for 3D Marine Seismic Survey Program (Marmora, South Sable & Arcadia)	Y
8624-M003-002E	09-Oct-70	5,574.10	Geophysical Report on	Y

(1,3,4,5,6)			Banquereau Bank, Sable Island, and Grand Banks	
8624-M003-004E (1,3,5)	06-Sep-71	1,786.32	Geophysical Report in the Sable, South Sable and Banquereau Areas	Y
8624-M003-010E (1,3)	12-Aug-72	444.18	Geophysical Survey, Sable Island Area	N
8624-M003-012E (5)	14-Jun-72	510.15	1972 Geophysical Report, Banquereau Bank	N
8624-M003-025E (1,2,3)	15-Jun-75	345.03	Geophysical Report, Sable Island	Y
8624-M003-033E (1,3)	22-Jul-79	1,261.63	Marine Seismic Report, Sable Island Area	Y
8624-M003-035E (1,3)	22-Sep-80	1,527.29	1980 Marine Geophysical Survey, Sable Island Area	Y
8624-M003-041E (3,4,5,6)	29-Jun-81	1,755.95	Marine Seismic Survey, East Banquereau Area	N
8624-M003-044E (1,3)	14-Aug-82	1,421.88	Marine Seismic Report, Sable Island Area	Y
Program No. (Parcel #)	**Completion Date**	**Length (km)**	**Title**	**Mylar (Y/N)**
8624-M003-047E (1,3)	13-Aug-83	1,252.28	1983 2D Marine Seismic Survey, East Sable Island Area	Y
8624-M003-049E (1,3)	17-Aug-84	2,456.45	1984 Marine Seismic Survey, Sable Island Area	Y
NS24-N011-001E (1)	08-Jul-92	1,691.10	Final Report on the 3D Seismic Survey on Penobscot E. L. 2353, Offshore Nova Scotia	Y
8624-N005-001E (5,6)	22-Sep-82	1,130.15	Report of 1982 Marine Seismic Survey, North Sable Island Area	Y
8624-N005-002E (1,2,3,5,6)	05-Jun-83	821.28	1983 Final Report on Reconnaissance Seismic Reflection Survey, Sable Island Area	Y
8620-N011-001E (1)	02-Jul-85	2,639.38	Final Report of Marine Seismic For Nova Scotia Resources on Scotian Shelf, Sable Island	Y
NS24-P003-003E (1,2,3)	26-Sep-00	2,833.73	2D Marine Survey, The Dales, Scotian Shelf	Y
8624-P028-015E (4,5)	23-Feb-81	1,100.30	1981 Marine Reflection Seismic, Gravity & Magnetic Survey,	N

			Banquereau Prospect	
8624-P028-028E (4,5)	22-Sep-81	570.40	Marine Reflection Seismic, Gravity & Magnetic Survey-Banquereau Area	Y
8624-P028-029E (2,3,4,5,6)	28-Mar-82	2,867.53	Marine Reflection Seismic, Gravity & Magnetic Survey, North Sable & North Abenaki	Y
8624-P028-036E (4,5)	06-Jun-82	528.90	Marine Reflection Seismic, Gravity & Magnetic Survey-Banquereau Area	Y
8624-P028-046E (5,6)	27-Sep-82	2,007.38	1982 Marine Reflection Seismic, Gravity & Magnetic Survey, East Banquereau	Y
8624-P028-072E (1,2,3,4,5,6)	29-May-85	1,498.53	1982 Marine Reflection Seismic, Gravity & Magnetic Survey-Regional Offshore Nova Scotia	Y
8624-P028-073E (1,2)	21-Apr-85	1,198.08	1985 Marine Reflection Seismic, Gravity & Magnetic Survey, North Sable Area	Y

Program No. (Parcel #)	**Completion Date**	**Length (km)**	**Title**	**Mylar (Y/N)**
8624-S006-020E (1)	31-Jul-76	1,369.35	Seismic Survey, East Coast Offshore, Slope 32, Moheida, South Sable, Wenonah, Onondaga & Albatross	Y
8624-S006-023E (1,2,3,4,5)	01-Aug-80	3,003.00	Reflection Seismic Report, North and South Sable Area, Offshore Nova Scotia	Y
8624-S006-027E (1,2,4)	15-Sep-81	2,353.00	Reflection Seismic Program in South Sable Area, Offshore NS	Y
8624-S006-033E x-ref 8624-S006-027E (1,2,3,4,5)	26-Oct-82	4,832.36	Reflection Seismic Final Report, North and South Sable Areas	Y
8624-S006-037E (1,2,3,4)	27-Jul-83	3,750.14	Seismic in Hawkeye, Mulgrave, Lunenburg, Glenelg and Triumph	Y
8624-S006-043E (1,2,3,4,5)	08-Sep-84	2,556.40	Final Report on 1984 Seismic Nova Scotia Shelf, North and South Sable Areas	Y
8624-S006-045E (4)	17-Dec-84	320.50	Final Report on 1984 Seismic Acquisition, Banquereau	Y
8624-S006-048E (1,2,3,5)	04-Oct-85	1,930.00	Final Report on 1985 Seismic Acquisition, Nova Scotia Shelf	Y
8620-S014-006E	24-Jul-83	13,239.85	Marine Reflection Seismic Survey	

(1,2,3,4,5,6)			Over the Scotian Shelf Area (Including West Slope Area, West Banquereau, East Banquereau, Sable, and Scotia Basin)	Y
NS24-T063-002P (5,6)	2002	12,585.84	Deepwater infill, Easters slope. **Confidential** contact TGS NOPEC (disclosure date 13-Jun-2013)	-
NS24-W013-001P (4,5,6)	5-Oct-98	11,587.00	Nova Scotia 2000- 2D Seismic Survey	N
NS24-W030-001P (1,2,3,4,5,6)	26-Sep-01	10,686.04	2D Sable Island Area	N
8624-W013-001P (1,5)	01-Aug-83	3,910.21	Final Report on Marine Seismic Survey of East Coast Canada, Nova Scotia Area 1983	N
8624-W013-002P (1,2,3,4)	10-Sep-84	1,103.50	1984 Marine Speculative Survey, Sable Island	Y
8624-W013-005P (2,3,4,5,6)	12-Mar-85	2,057.29	Final Report Marine Seismic Survey of East Coast Canada, Nova Scotia Area 1985	Y

Program No. (Parcel #)	**Completion Date**	**Length (km)**	**Title**	**Mylar (Y/N)**
Lithoprobe 1989 (4)	1989	567.03	Scotian Shelf Area Deep Seismic Reflection Survey – **Contact Natural Resources Canada**	N

5. Program Location Maps

Figure 01: Location Map for 8624-B011-003E

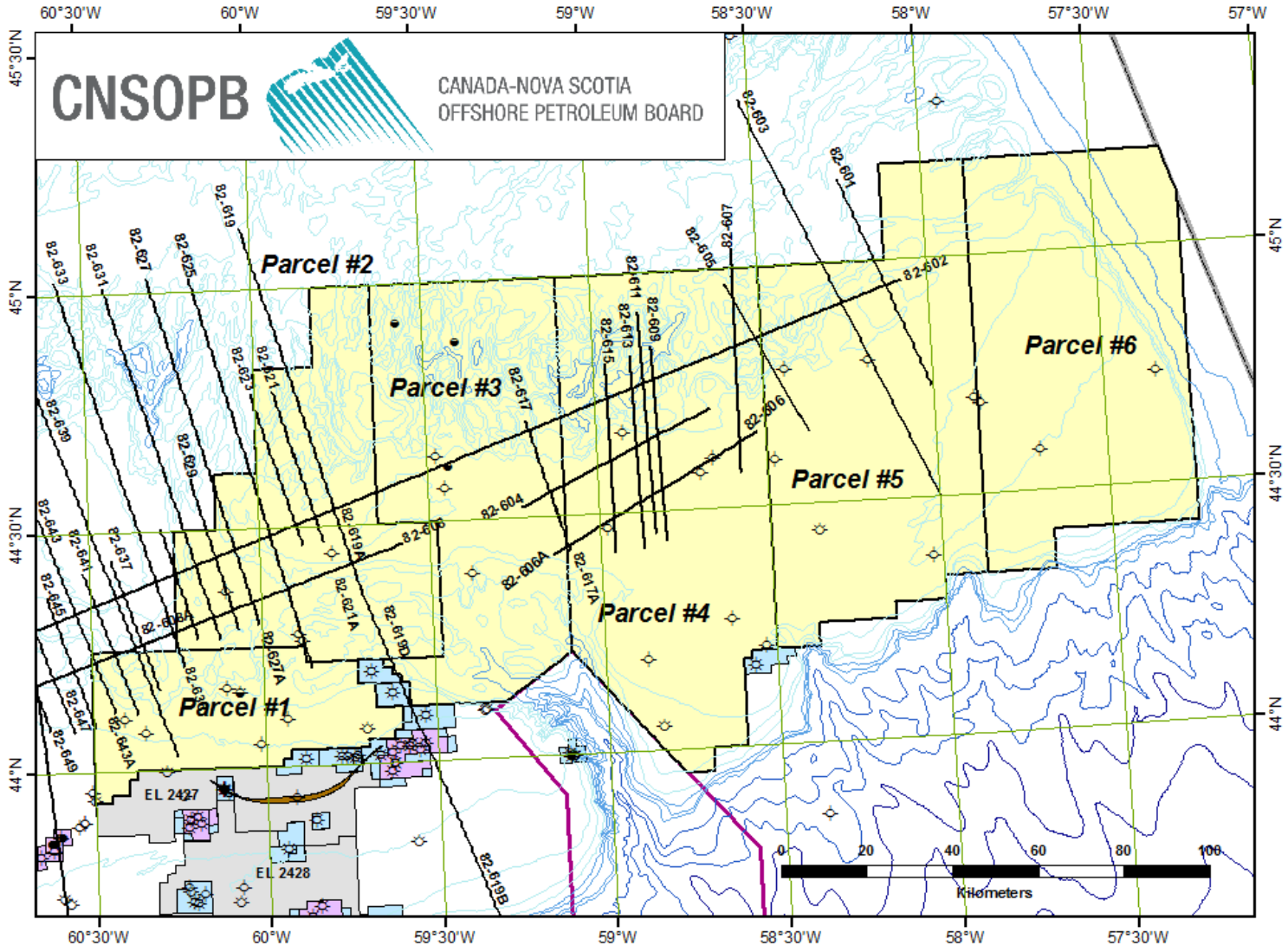


Figure 02: Location Map for 8624-B011-004E

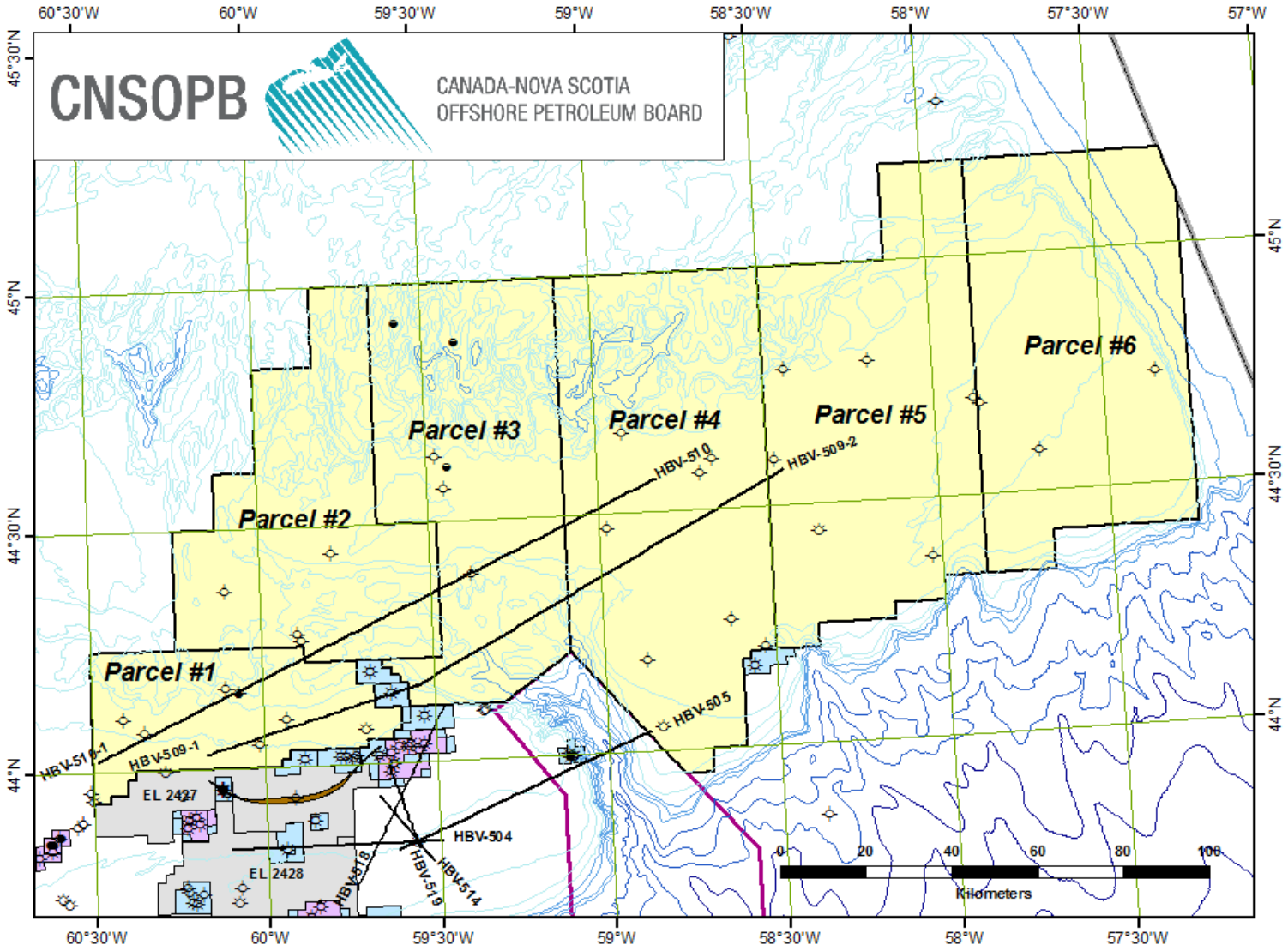


Figure 03: Location Map for 8624-B011-005E

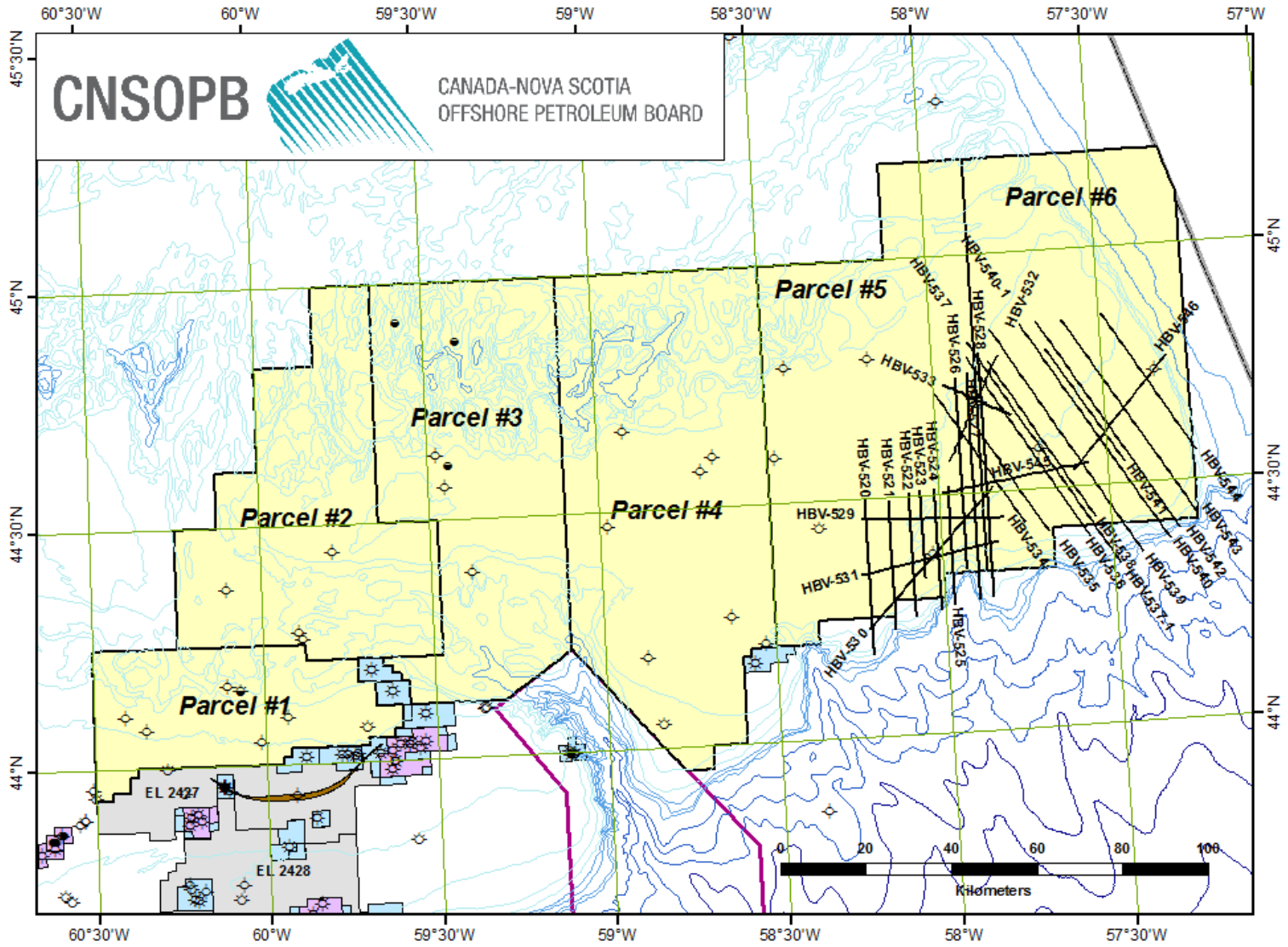


Figure 04: Location Map for 8624-B011-006E

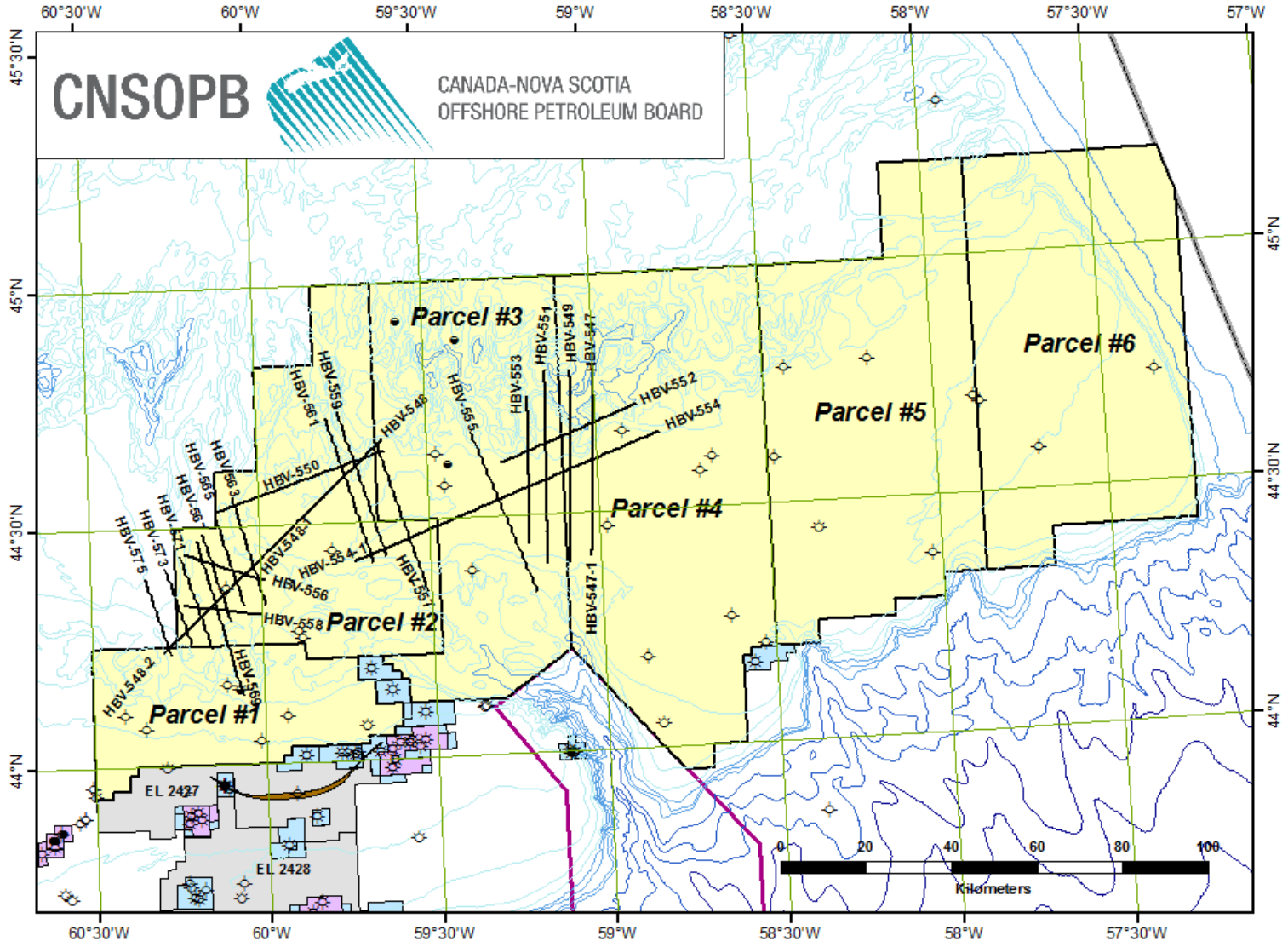


Figure 05: Location Map for 8624-B011-007E

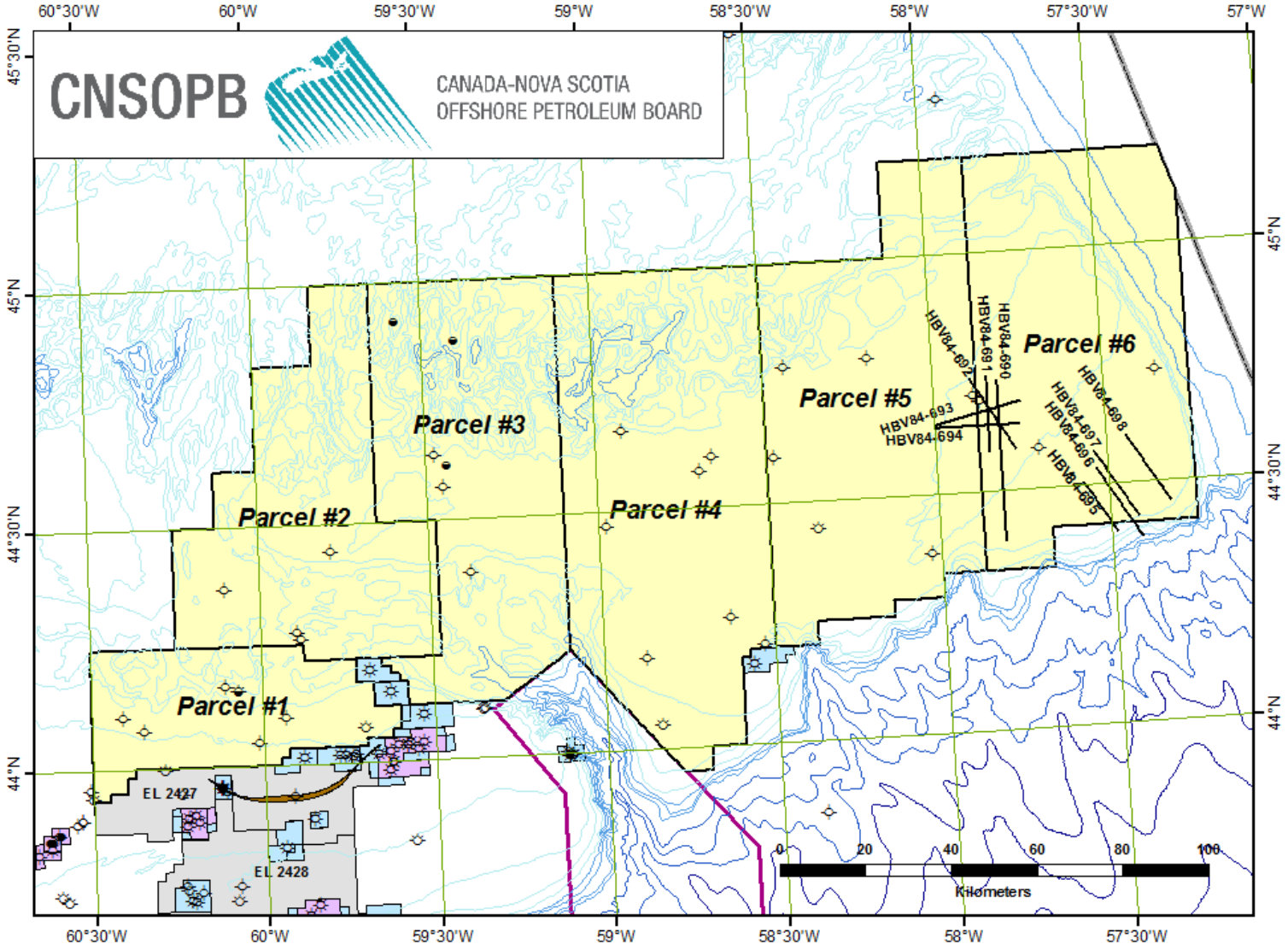


Figure 06: Location Map for 8624-B011-008E

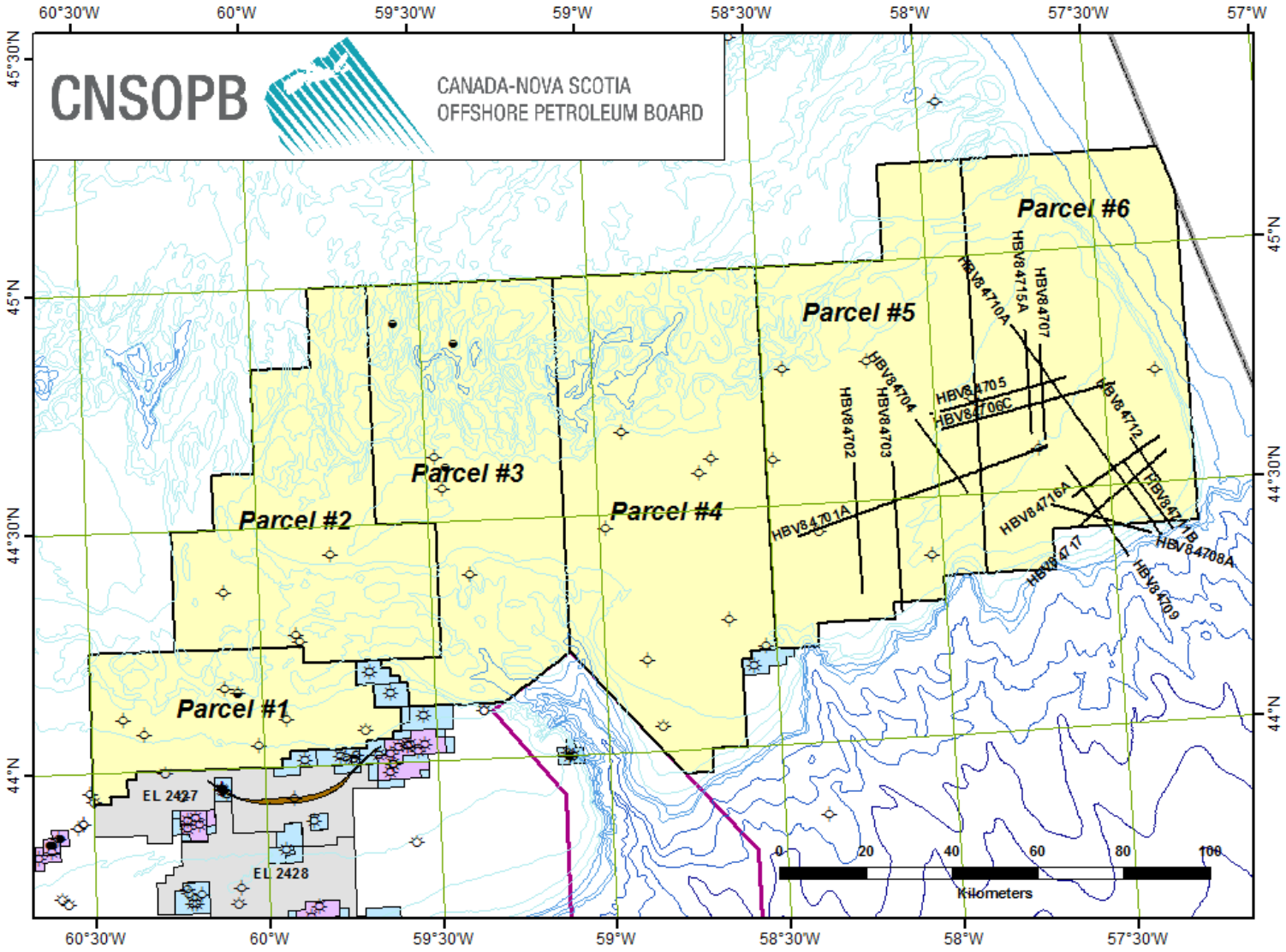


Figure 07: Location Map for 8620-C020-001E

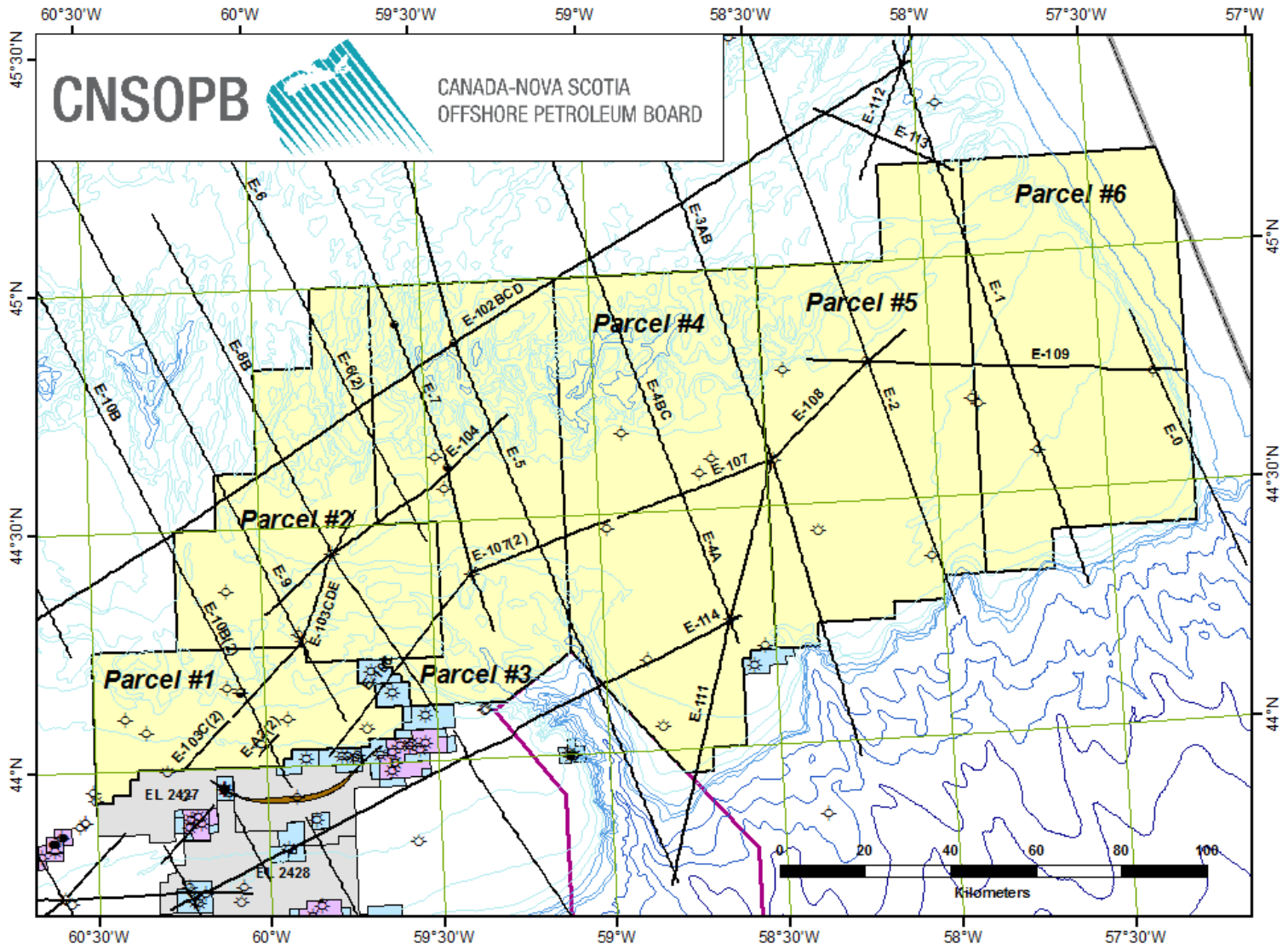


Figure 08: Location Map for 8624-C020-001E

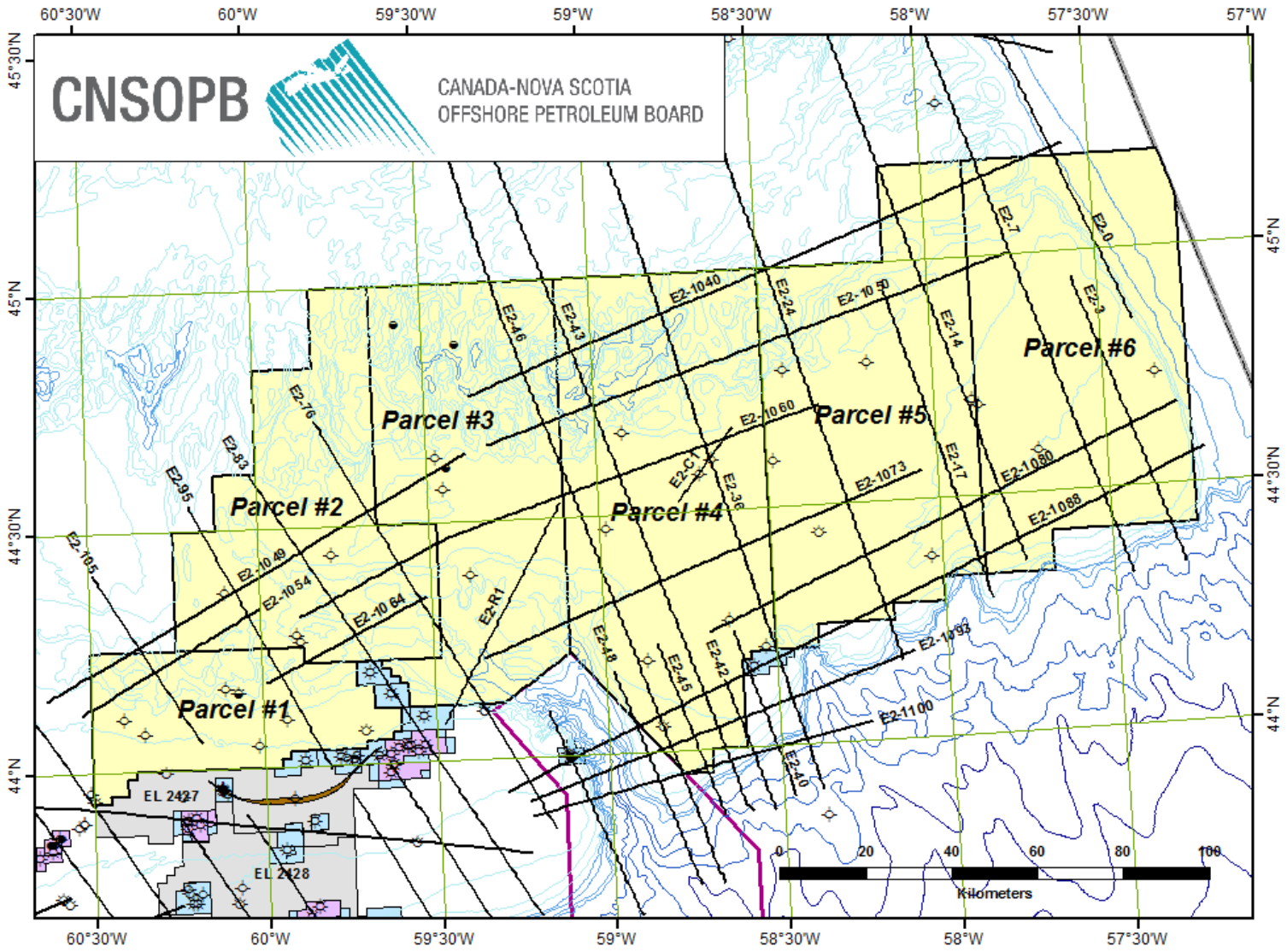


Figure 09: Location Map for 8624-C055-003E

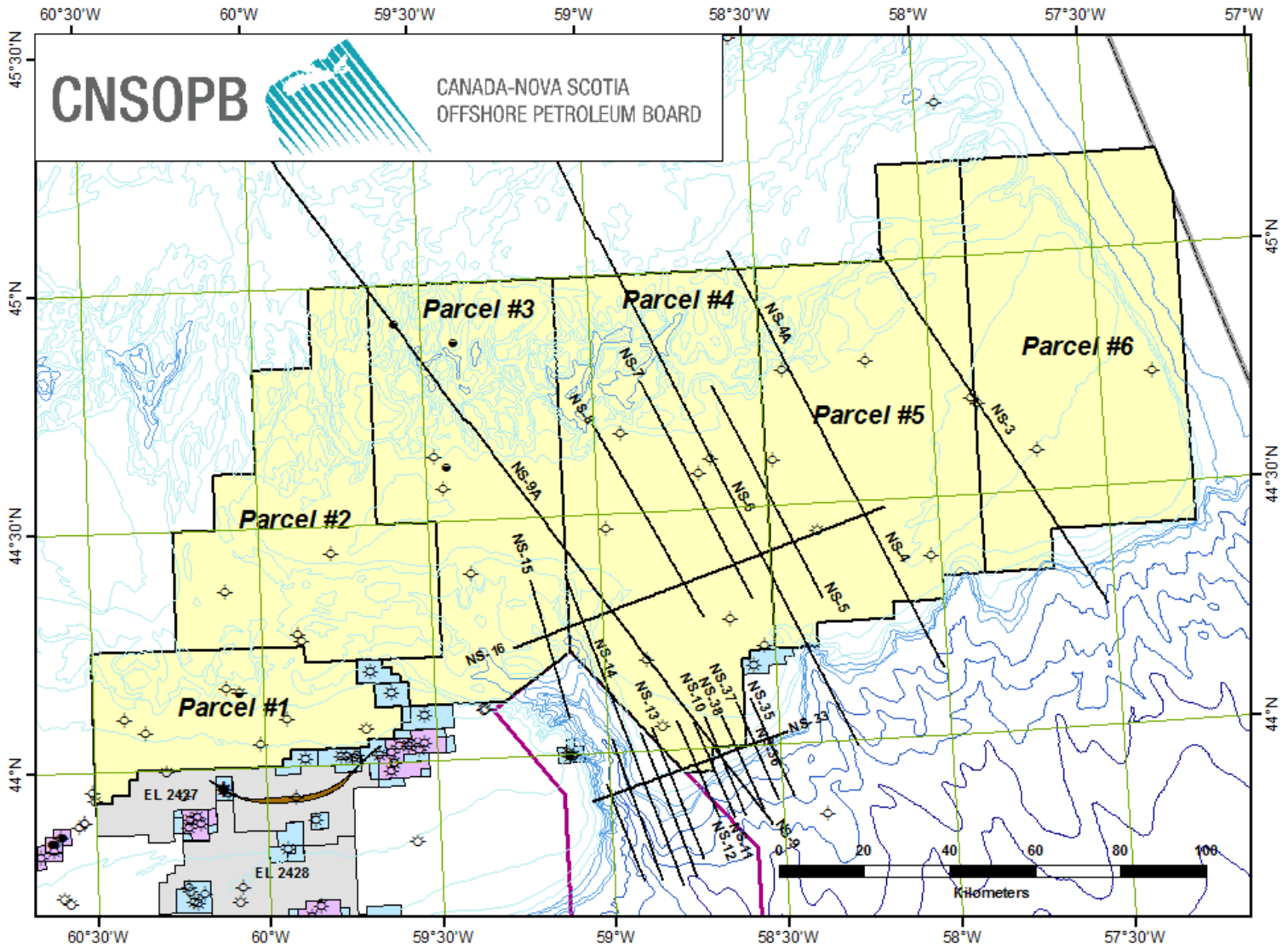


Figure 10: Location Map for NS24/8924-C149-001E

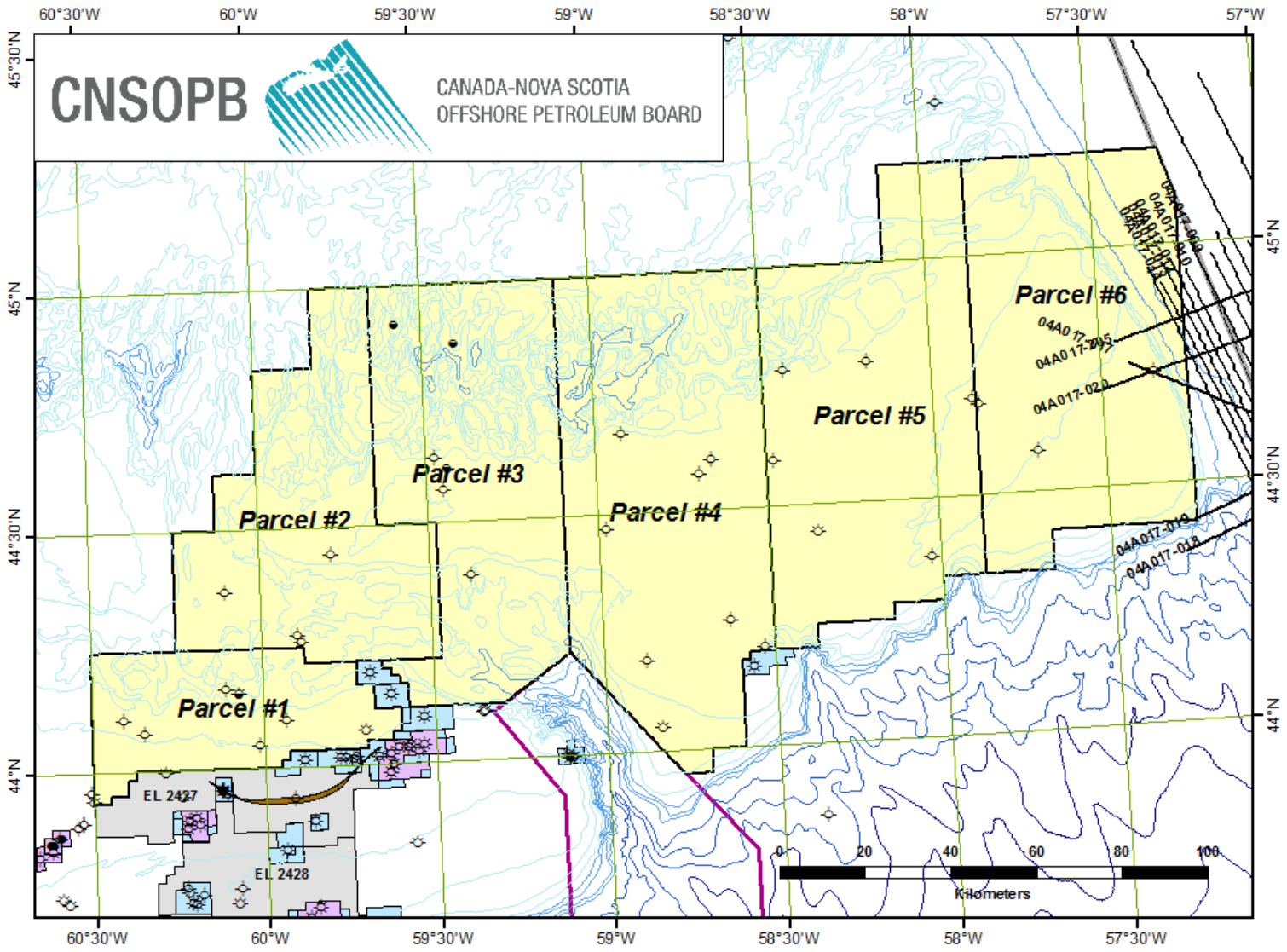


Figure 11: Location Map for 8624-D003-003E

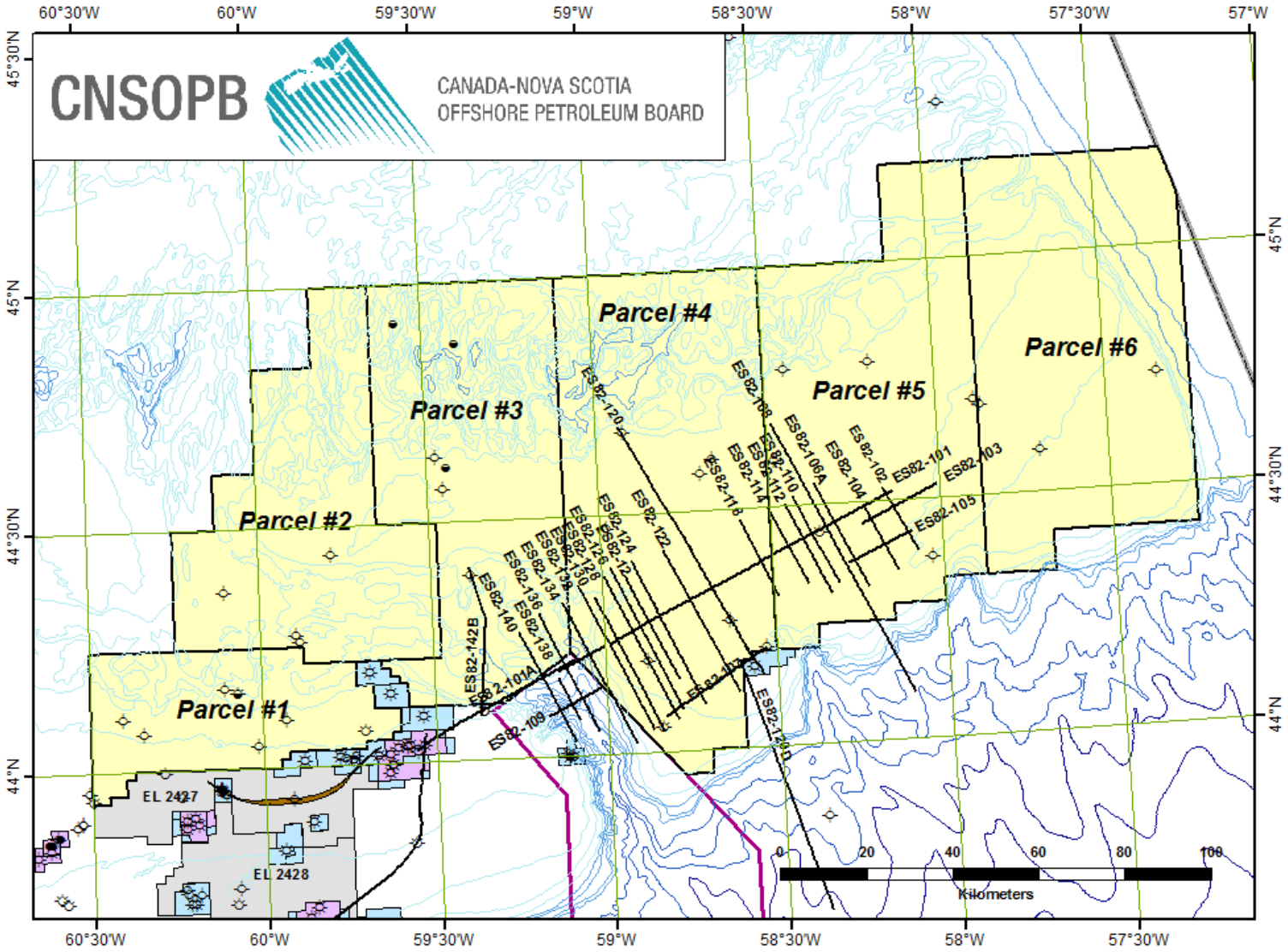


Figure 12: Location Map for NS24-G005-002P

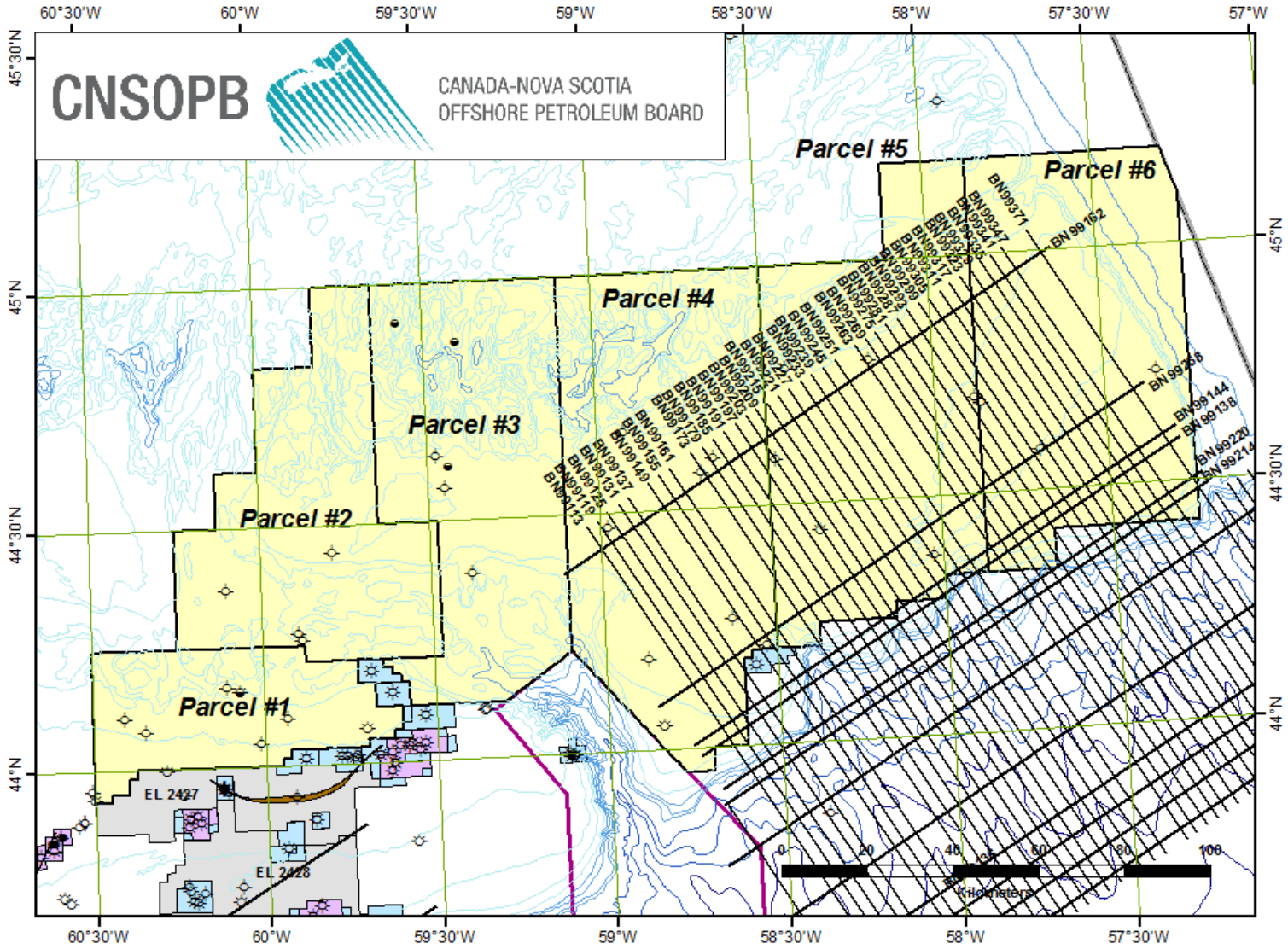


Figure 13: Location Map for NS24-G005-004P

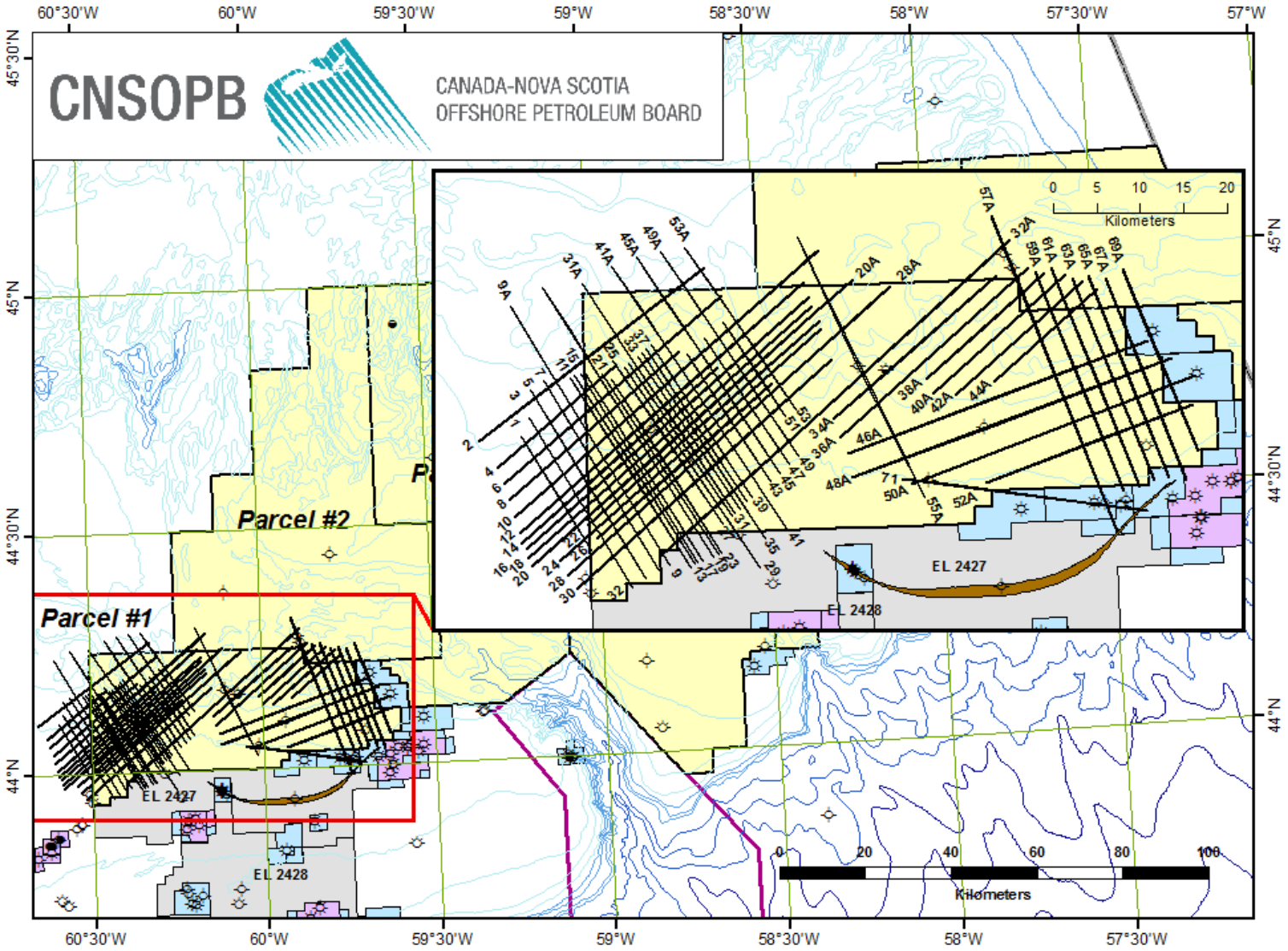


Figure 14: Location Map for NS24-G005-007P

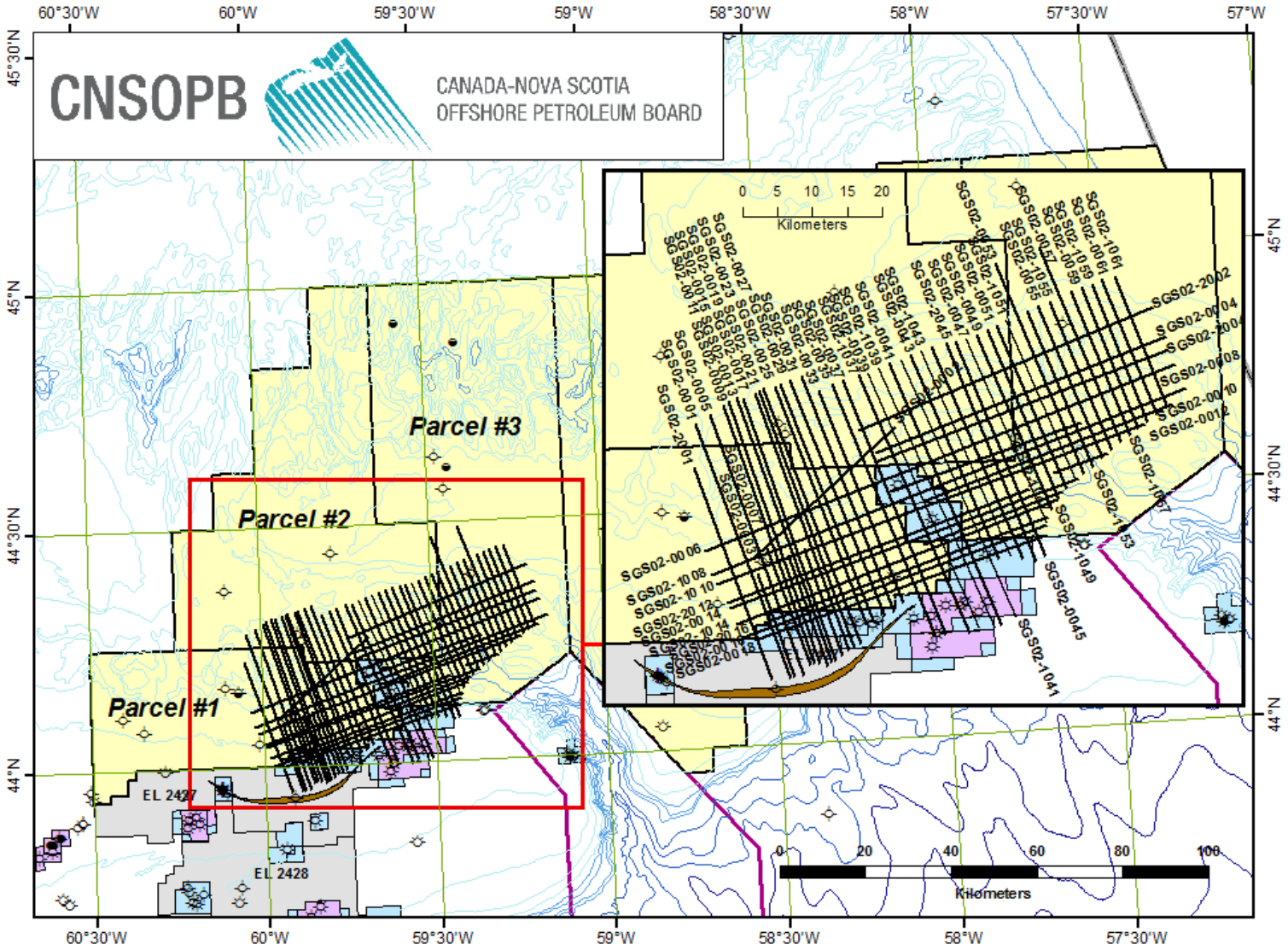


Figure 15: Location Map for 8624-G005-006P

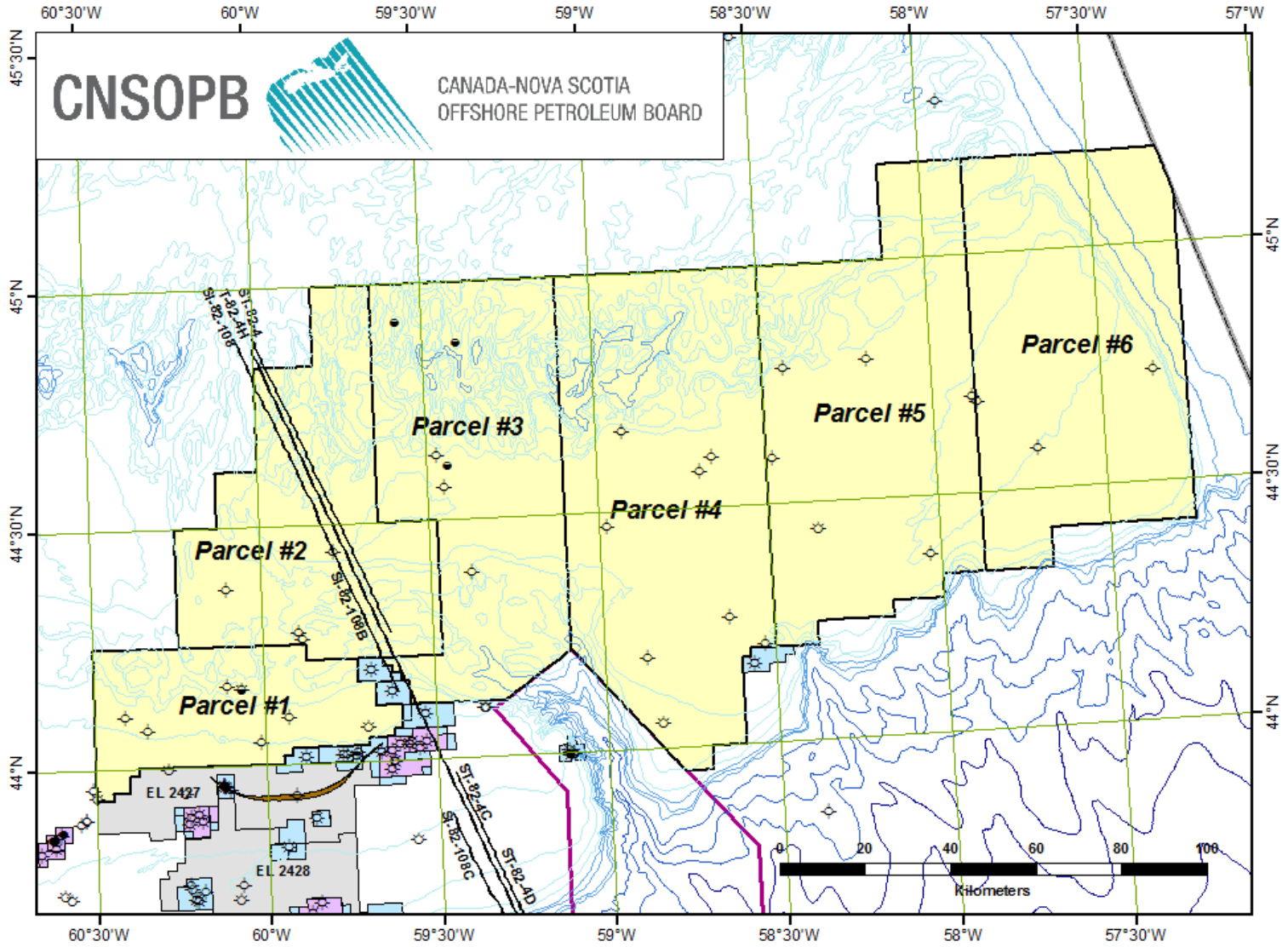


Figure 16: Location Map for 8624-G005-007P

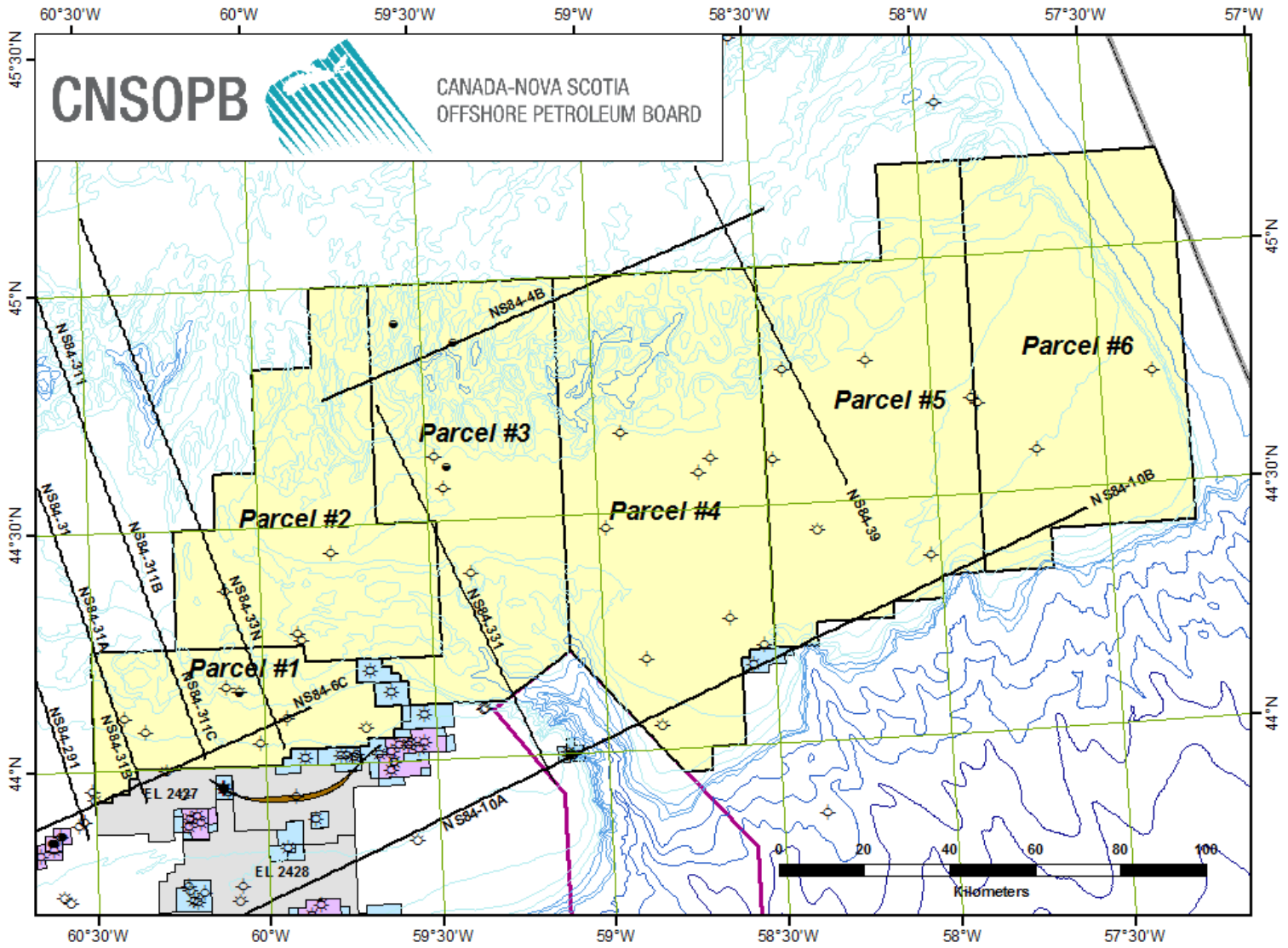


Figure 17: Location Map for NS24-G075-003P

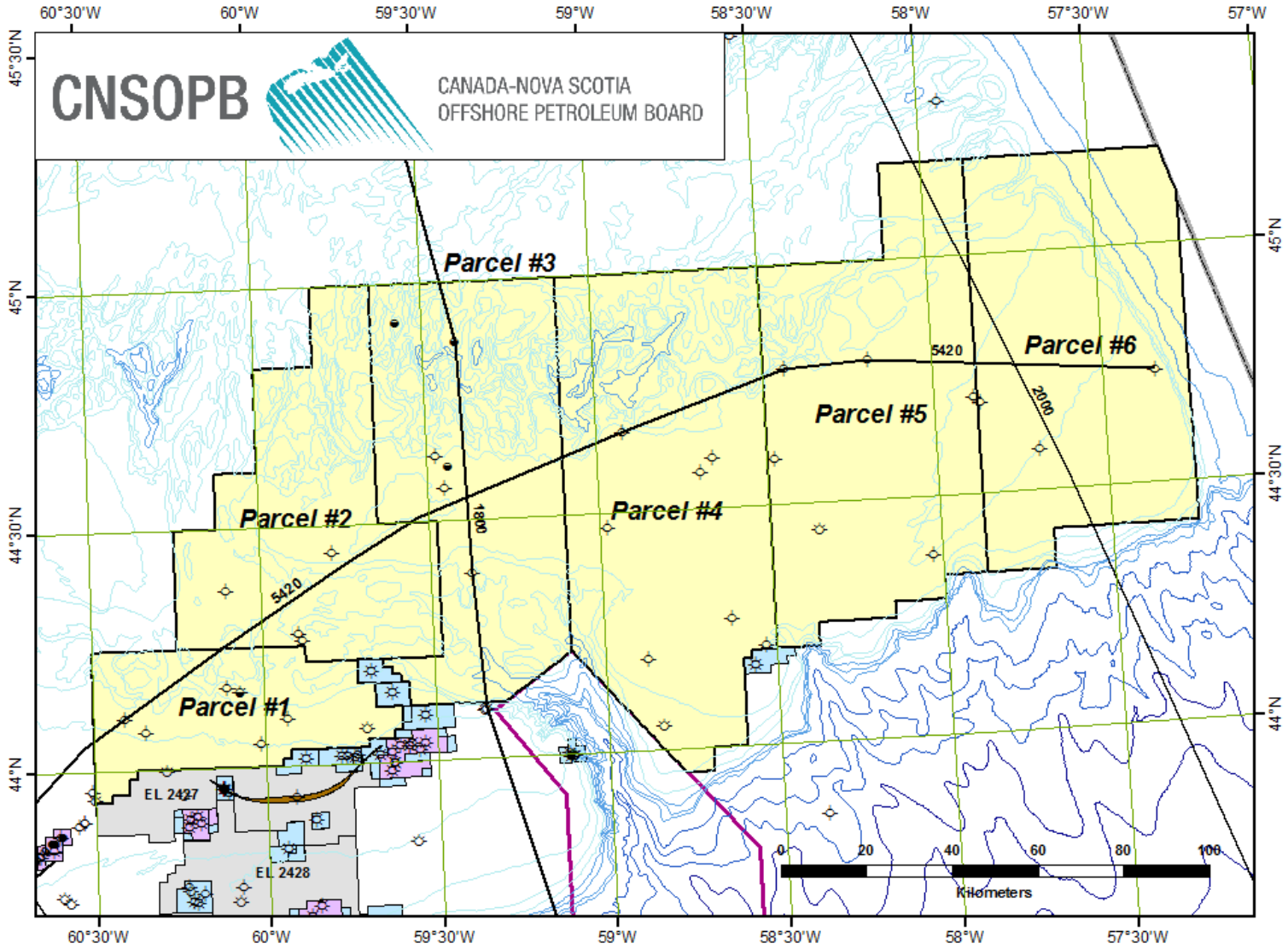


Figure 18: Location Map for 8624-H005-001E

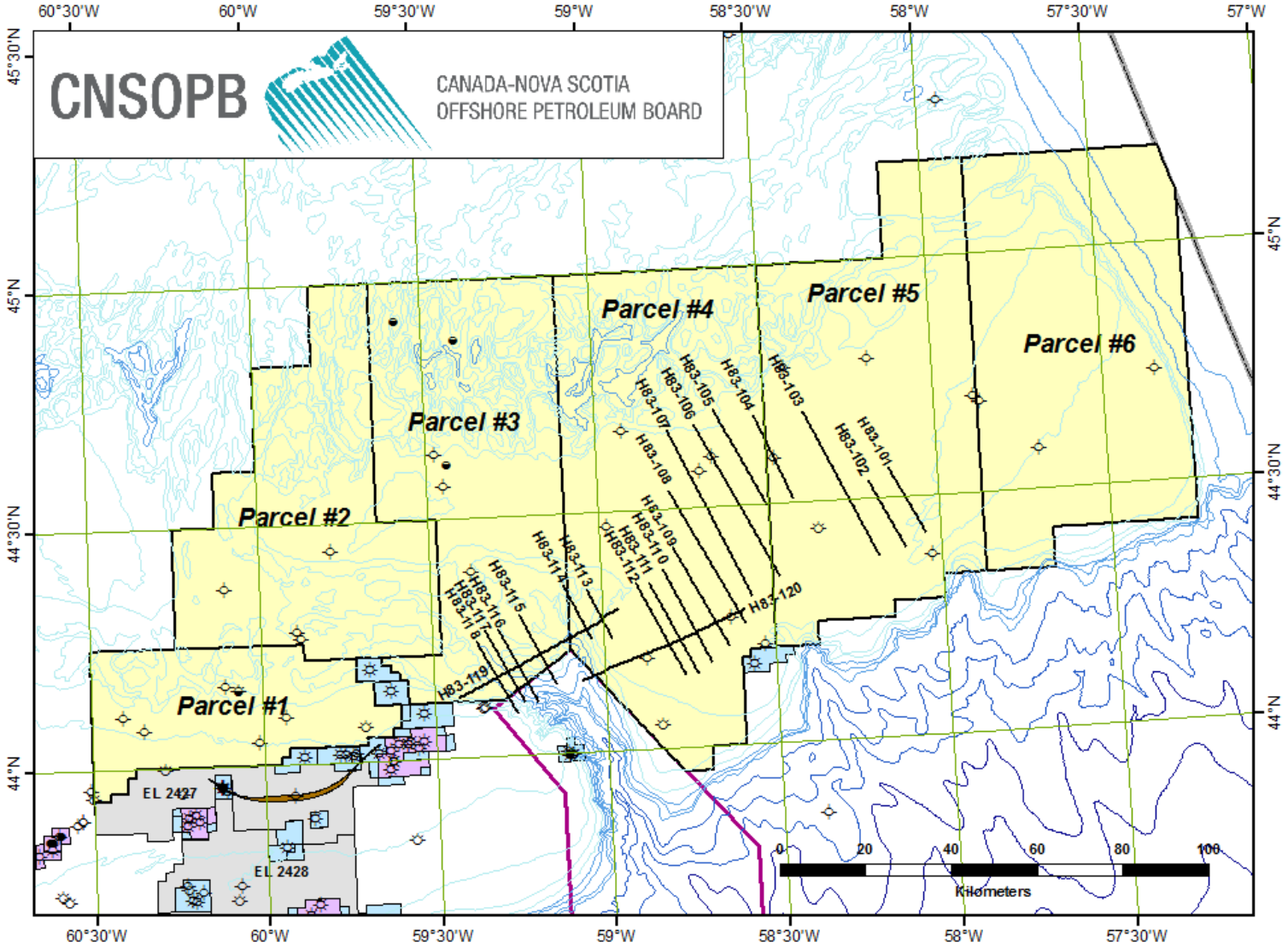


Figure 19: Location Map for 8624-H005-002E

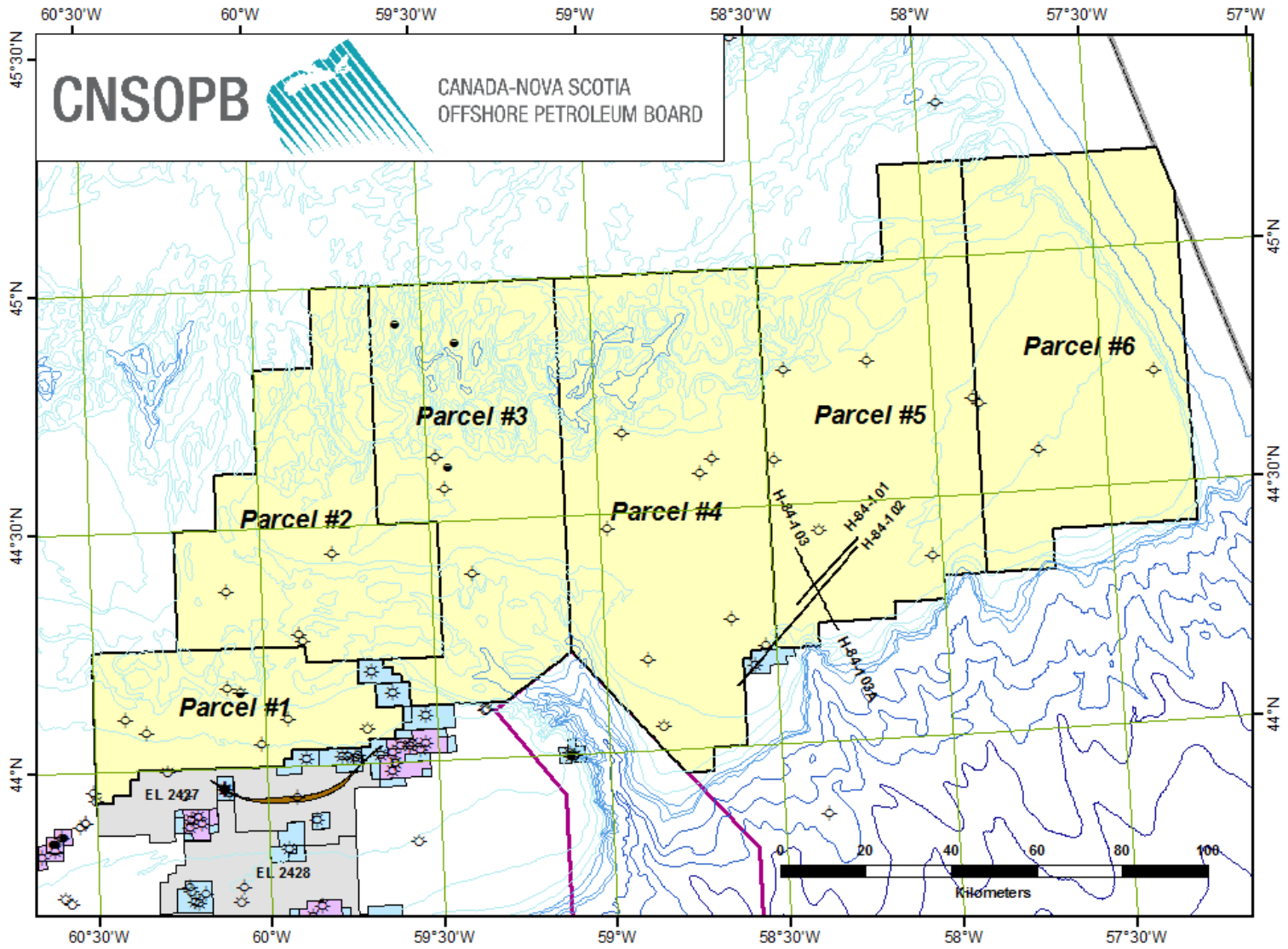


Figure 20: Location Map for 8624-H007-010E

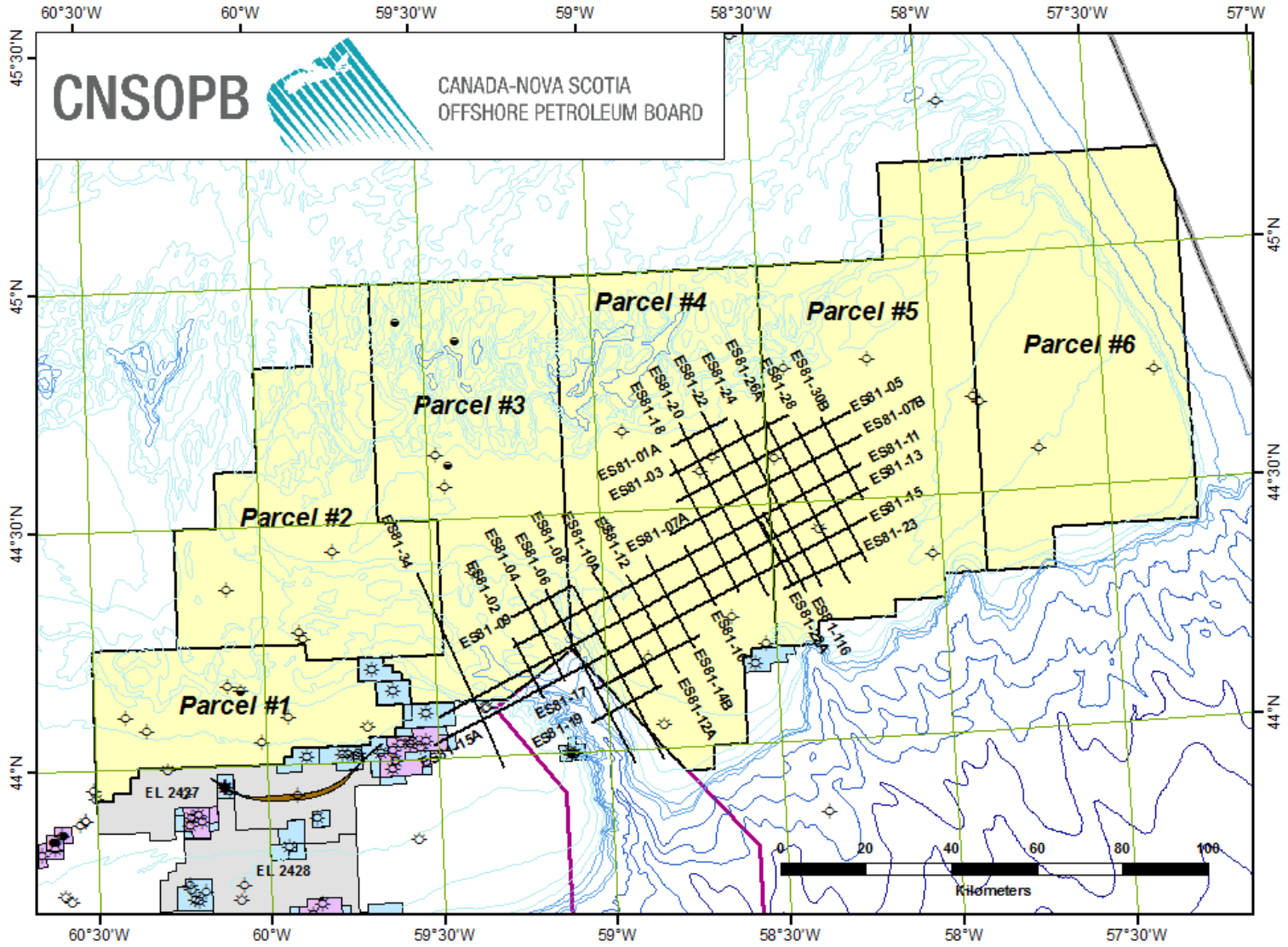


Figure 21: Location Map for NS24-J014-001P

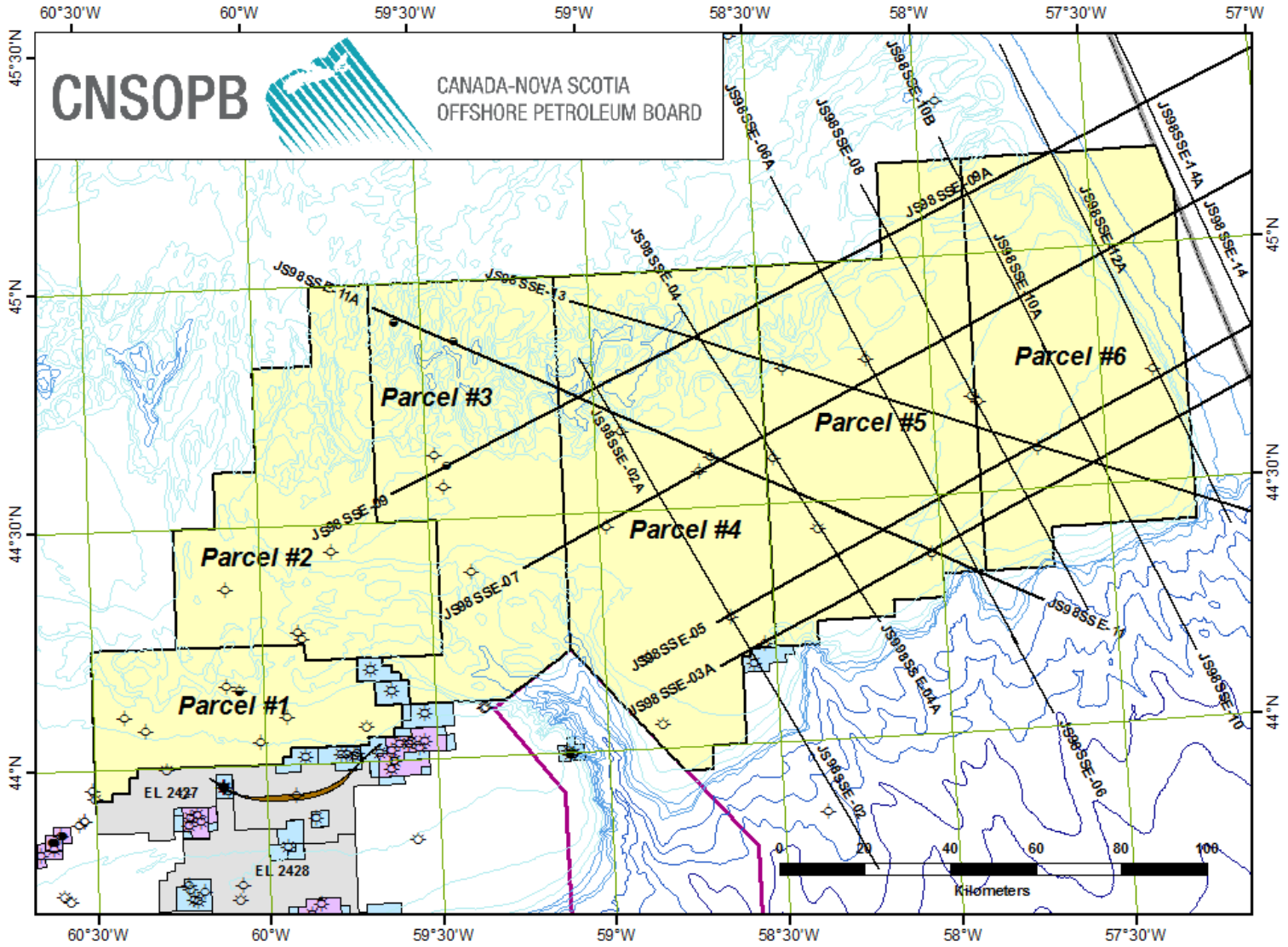


Figure 22: Location Map for 8620-J008-001E

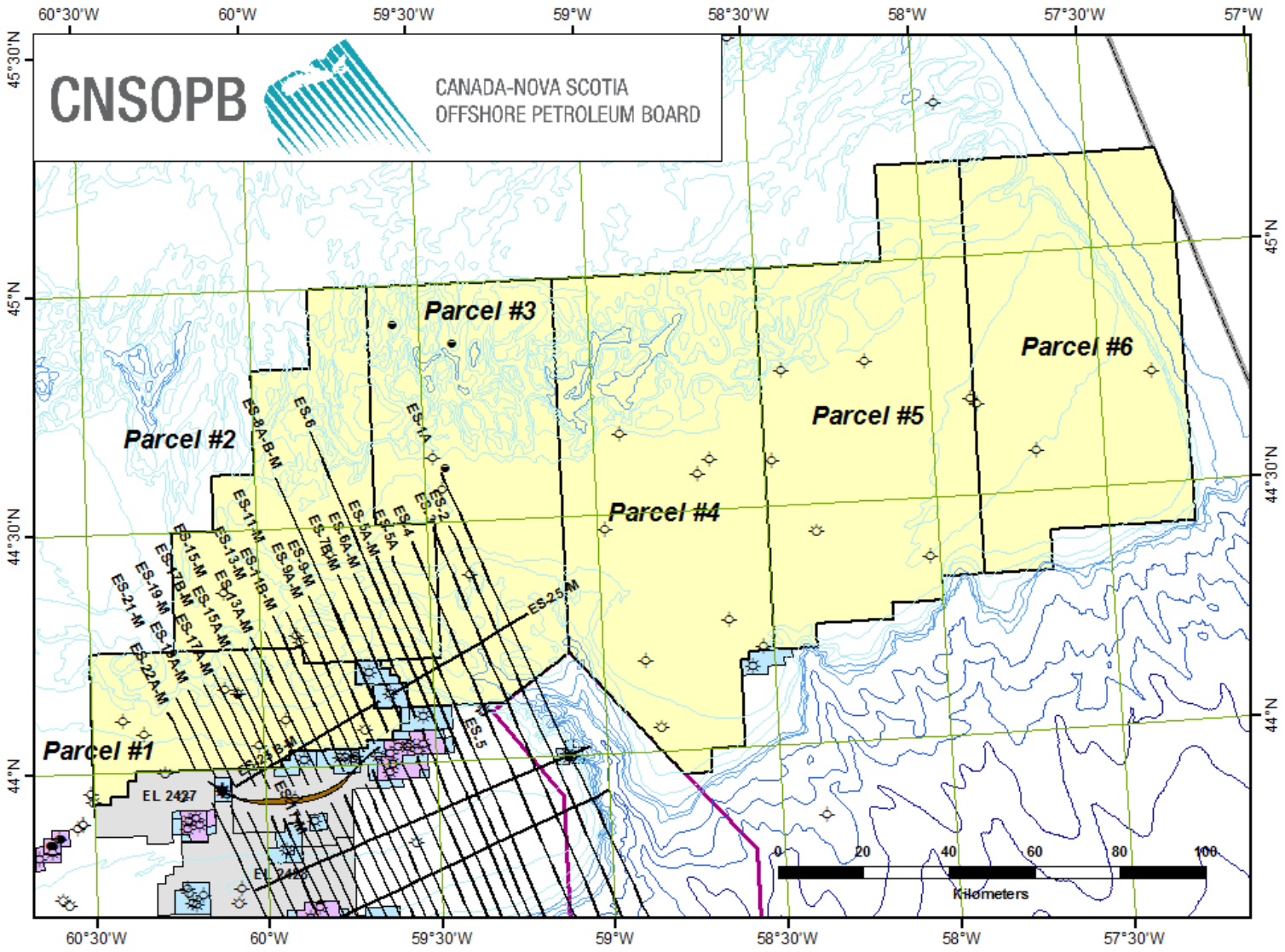


Figure 23: Location Map for 8620-J008-007E

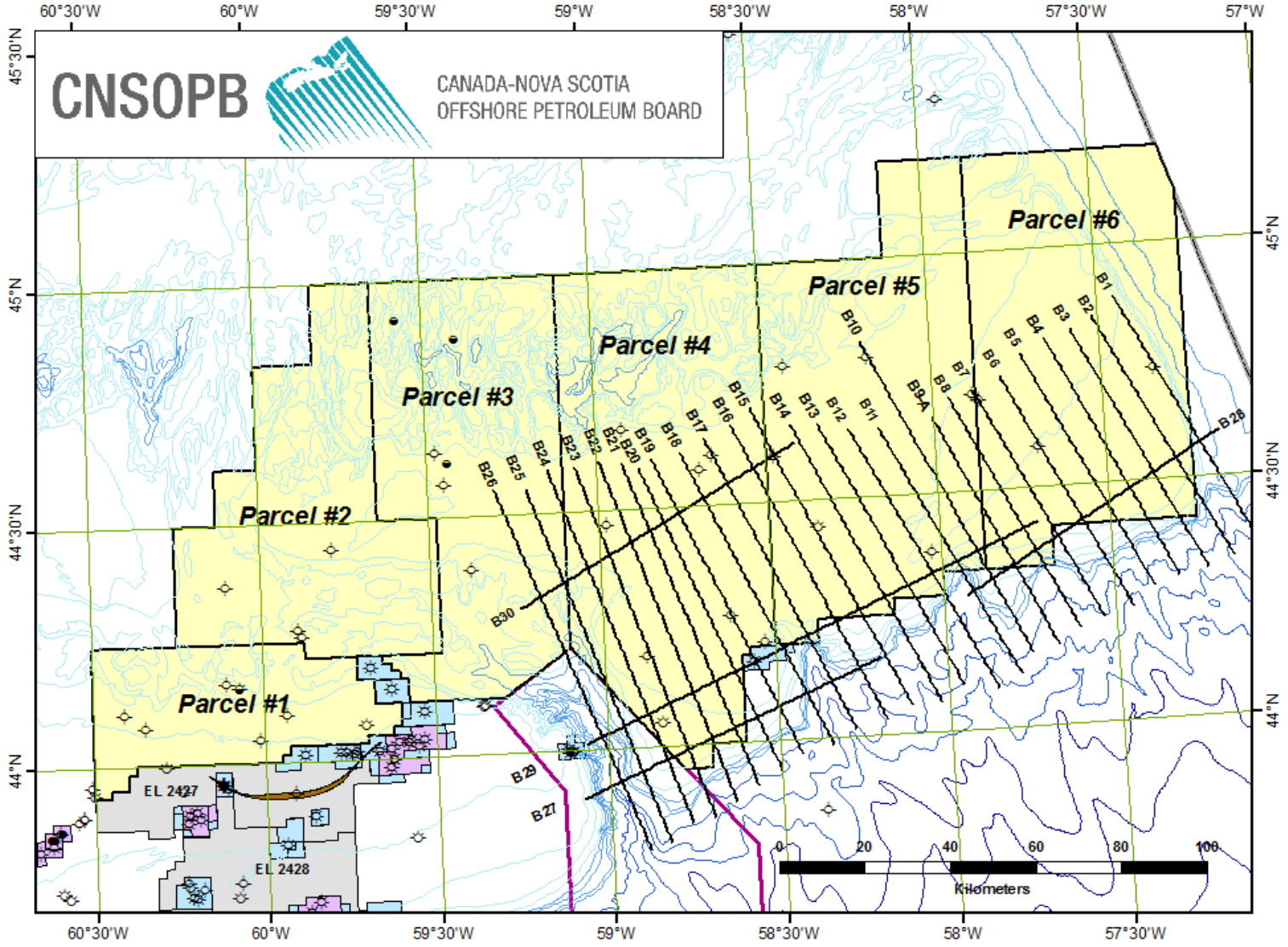


Figure 24: Location Map for NS24-M003-007E

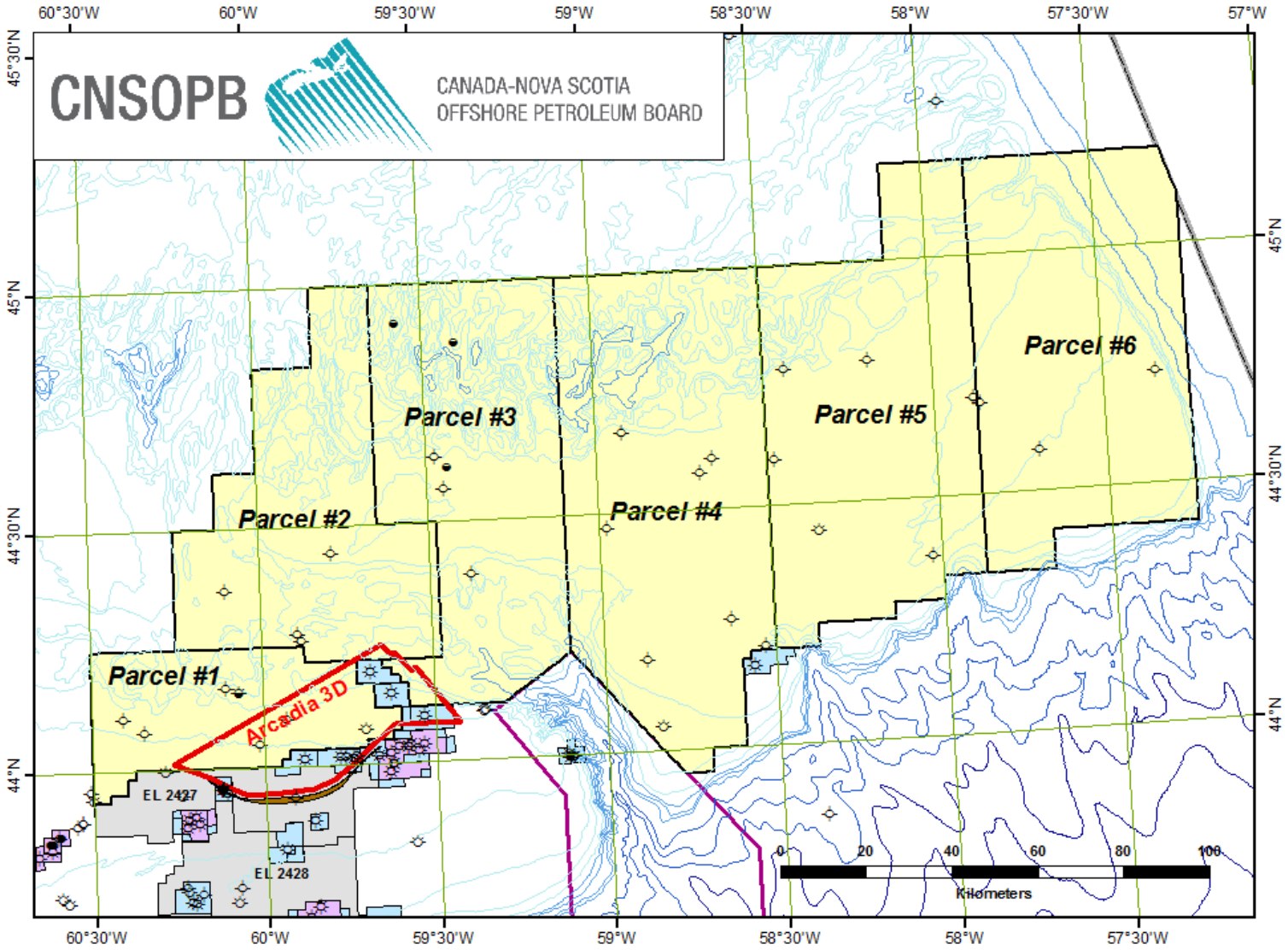


Figure 25: Location Map for 8624-M003-002E

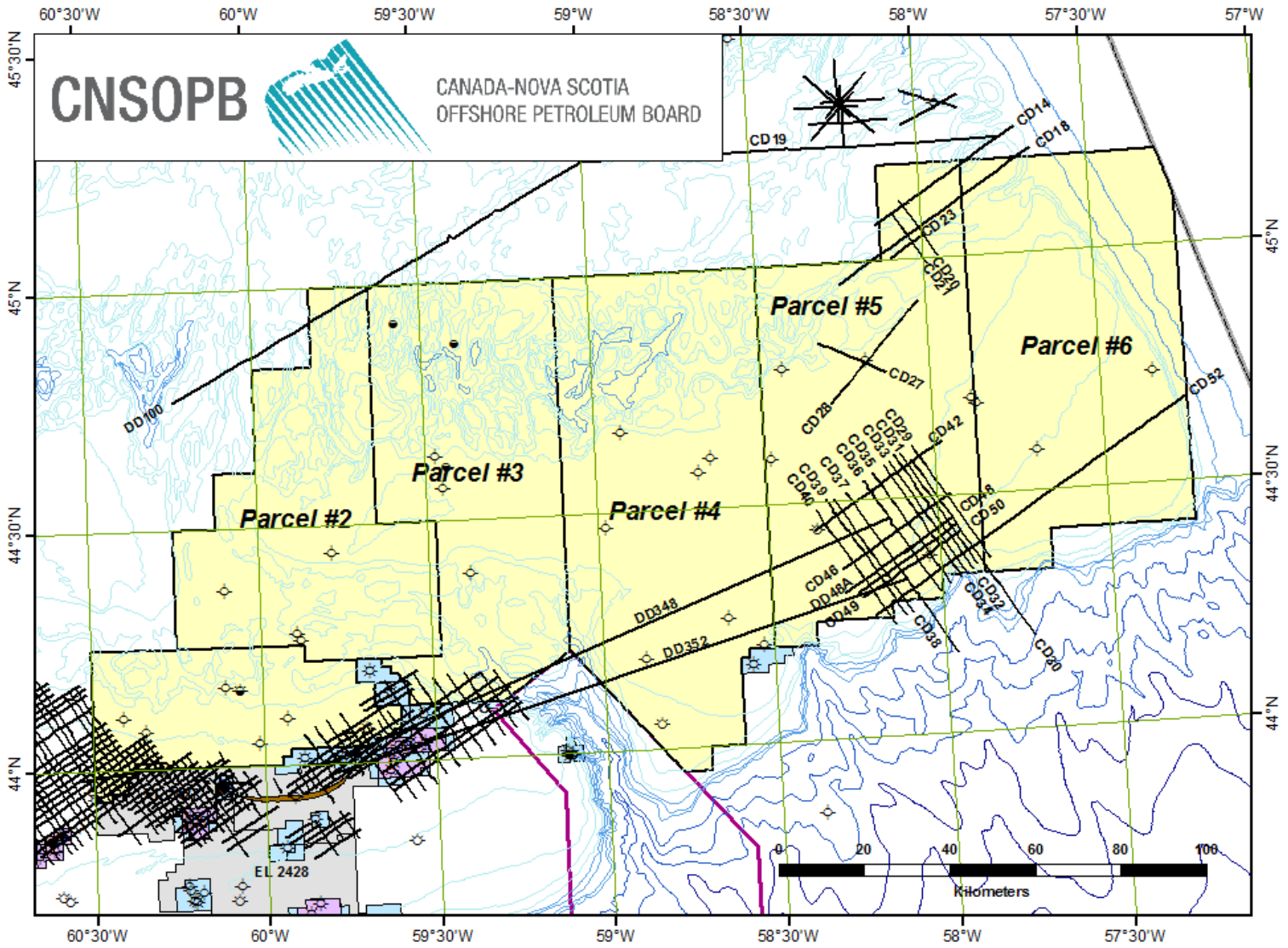


Figure 26: Location Map for 8624-M003-004E

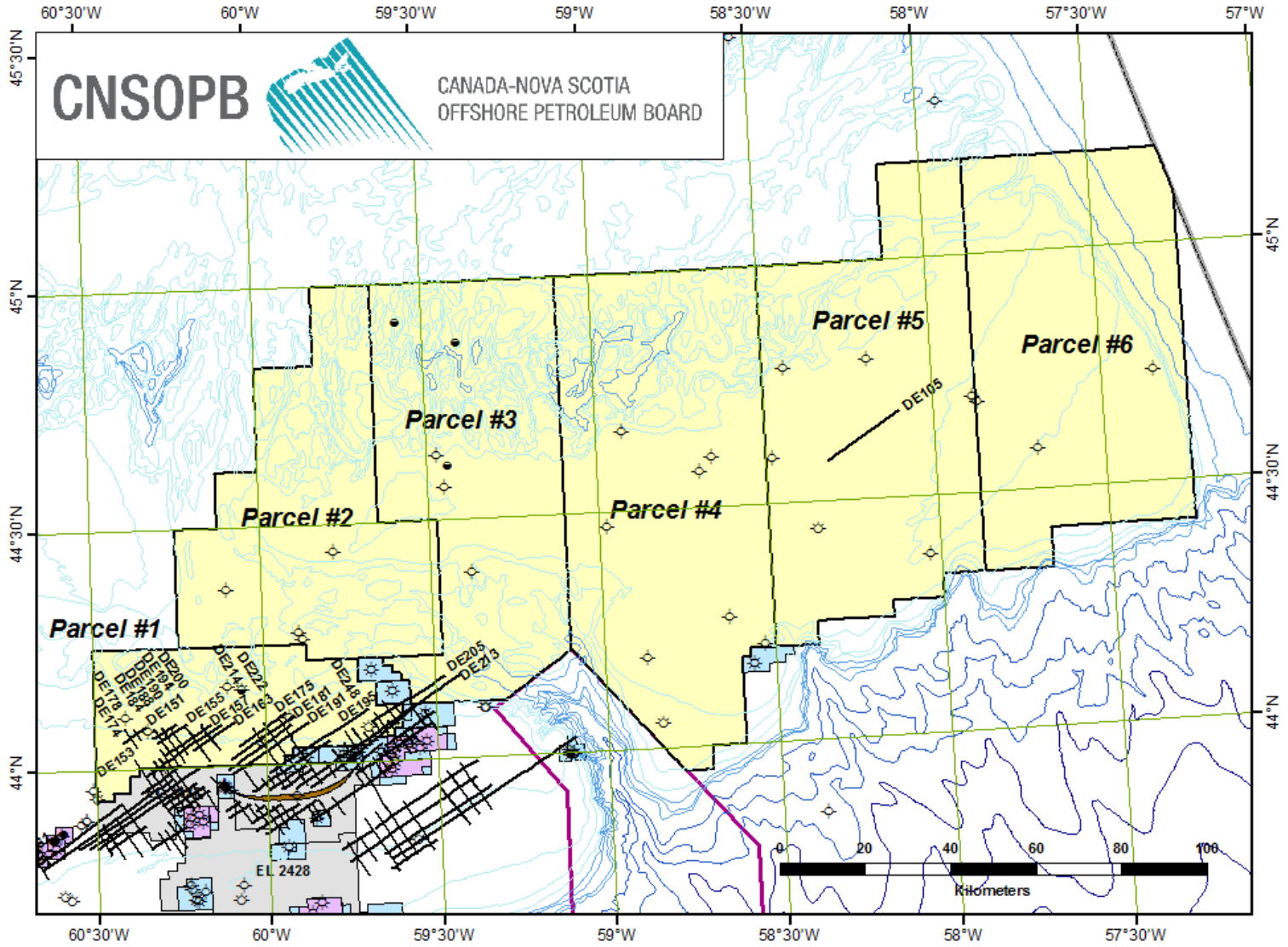


Figure 27: Location Map for 8624-M003-010E

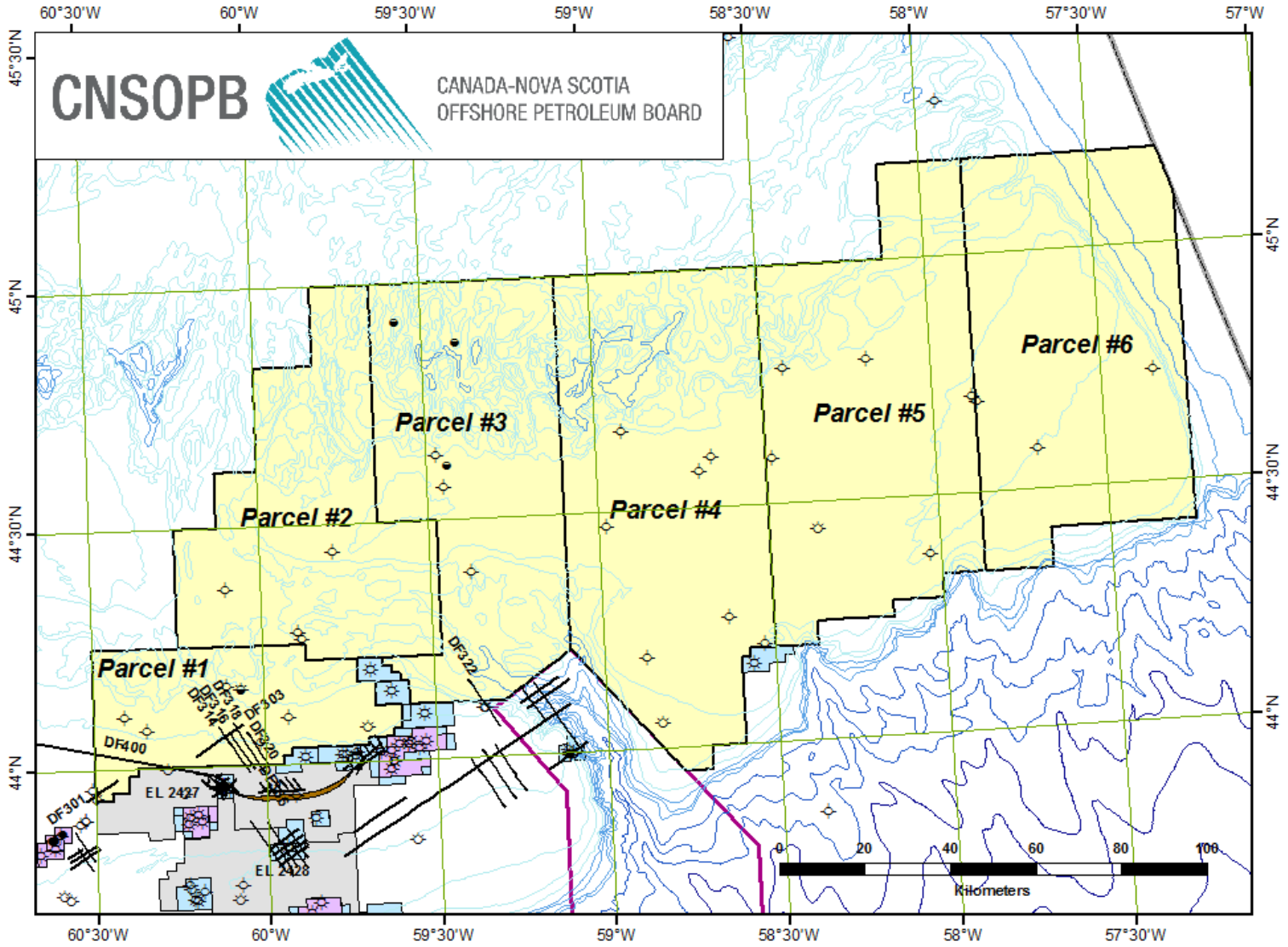


Figure 28: Location Map for 8624-M003-012E

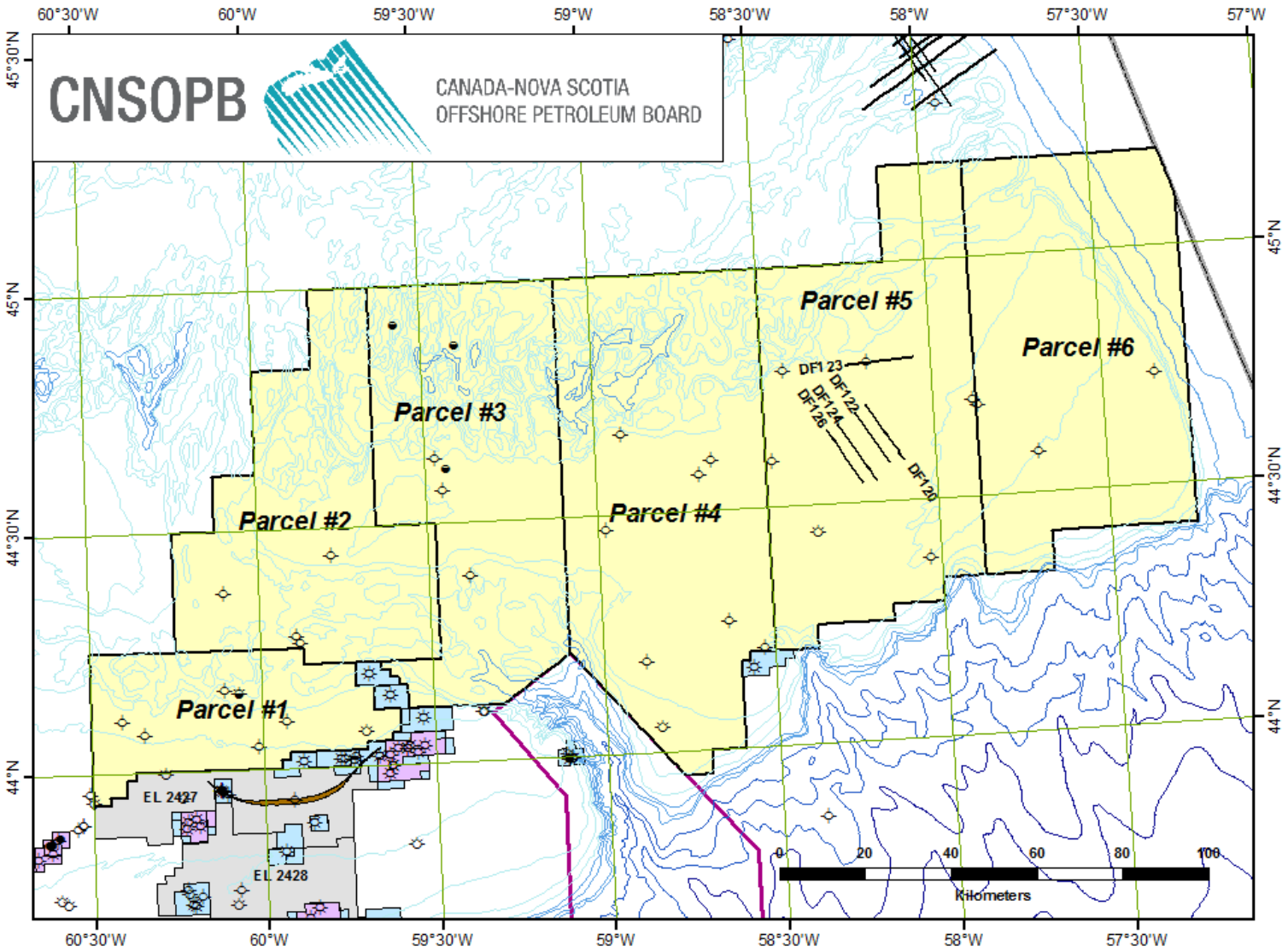


Figure 29: Location Map for 8624-M003-025E

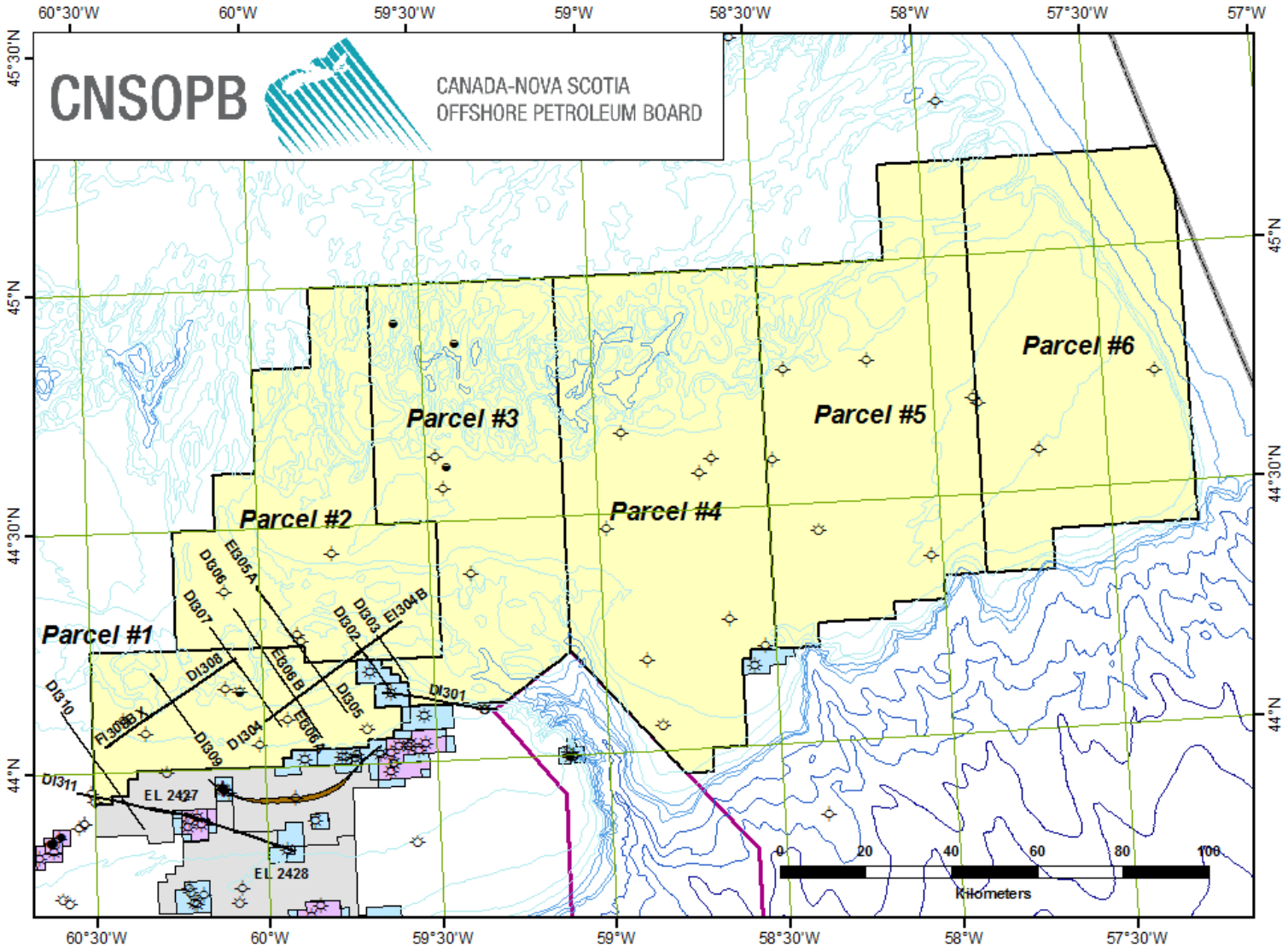


Figure 30: Location Map for 8624-M003-033E

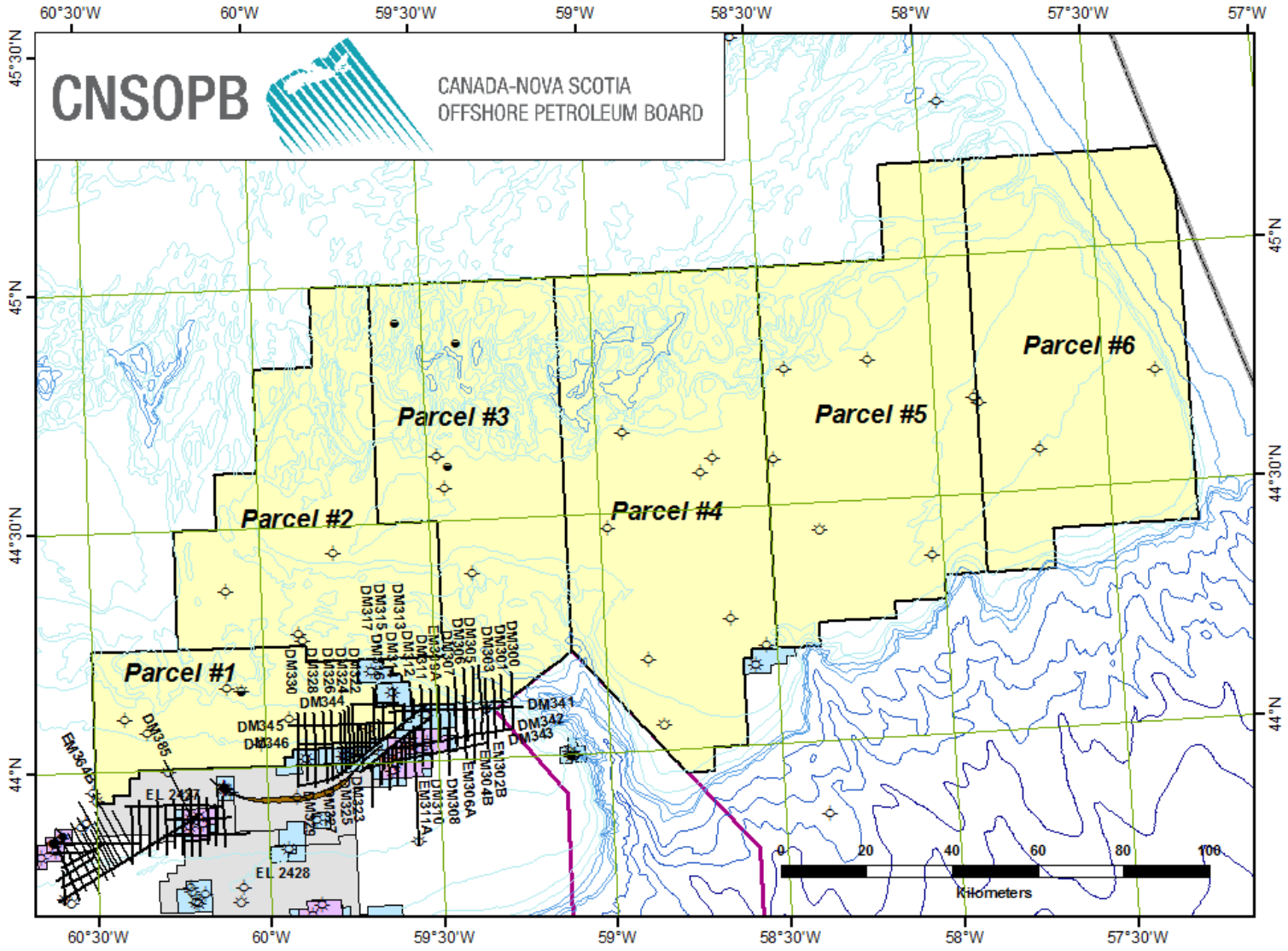


Figure 31: Location Map for 8624-M003-035E

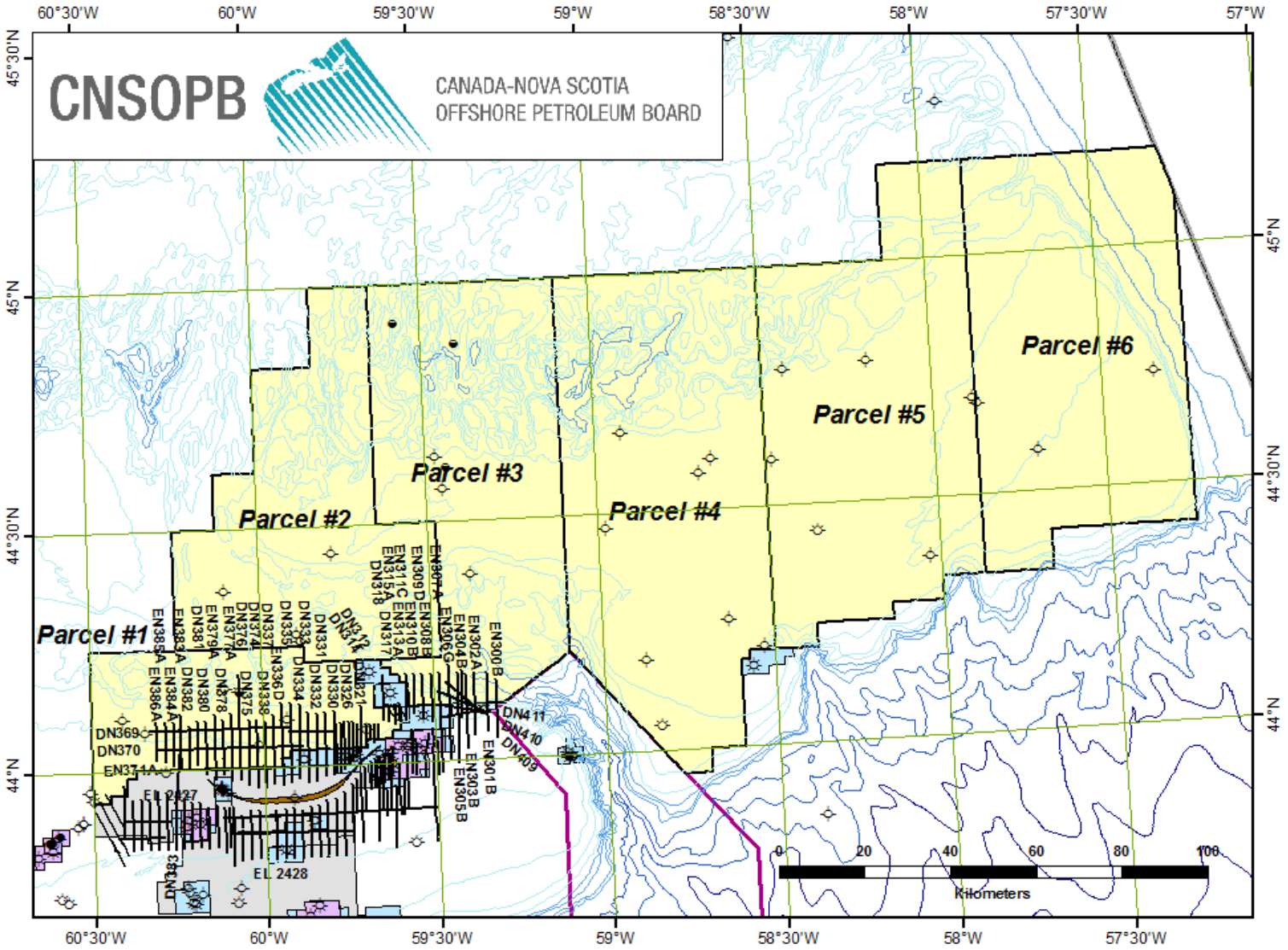


Figure 32: Location Map for 8624-M003-041E

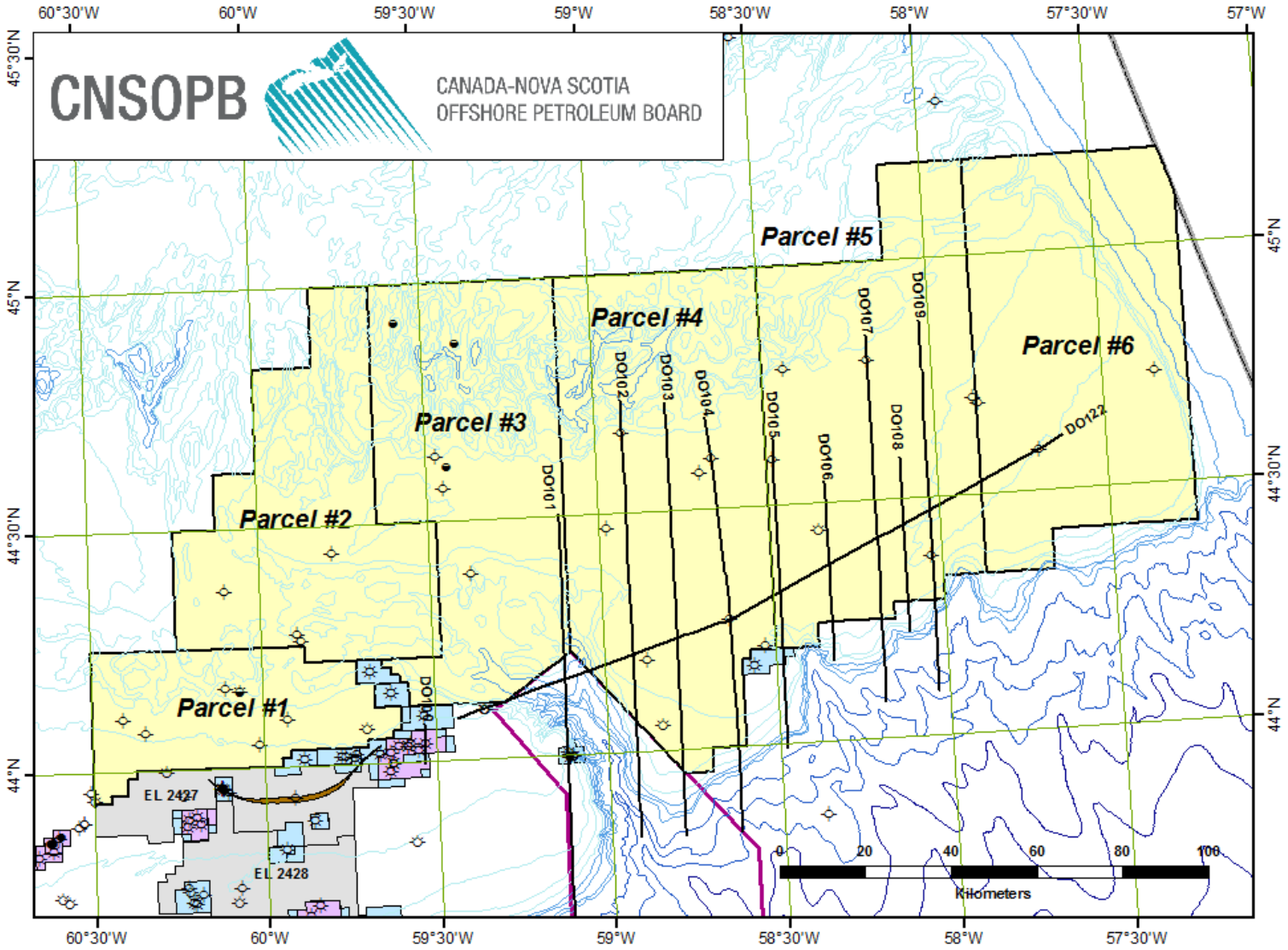


Figure 33: Location Map for 8624-M003-044E

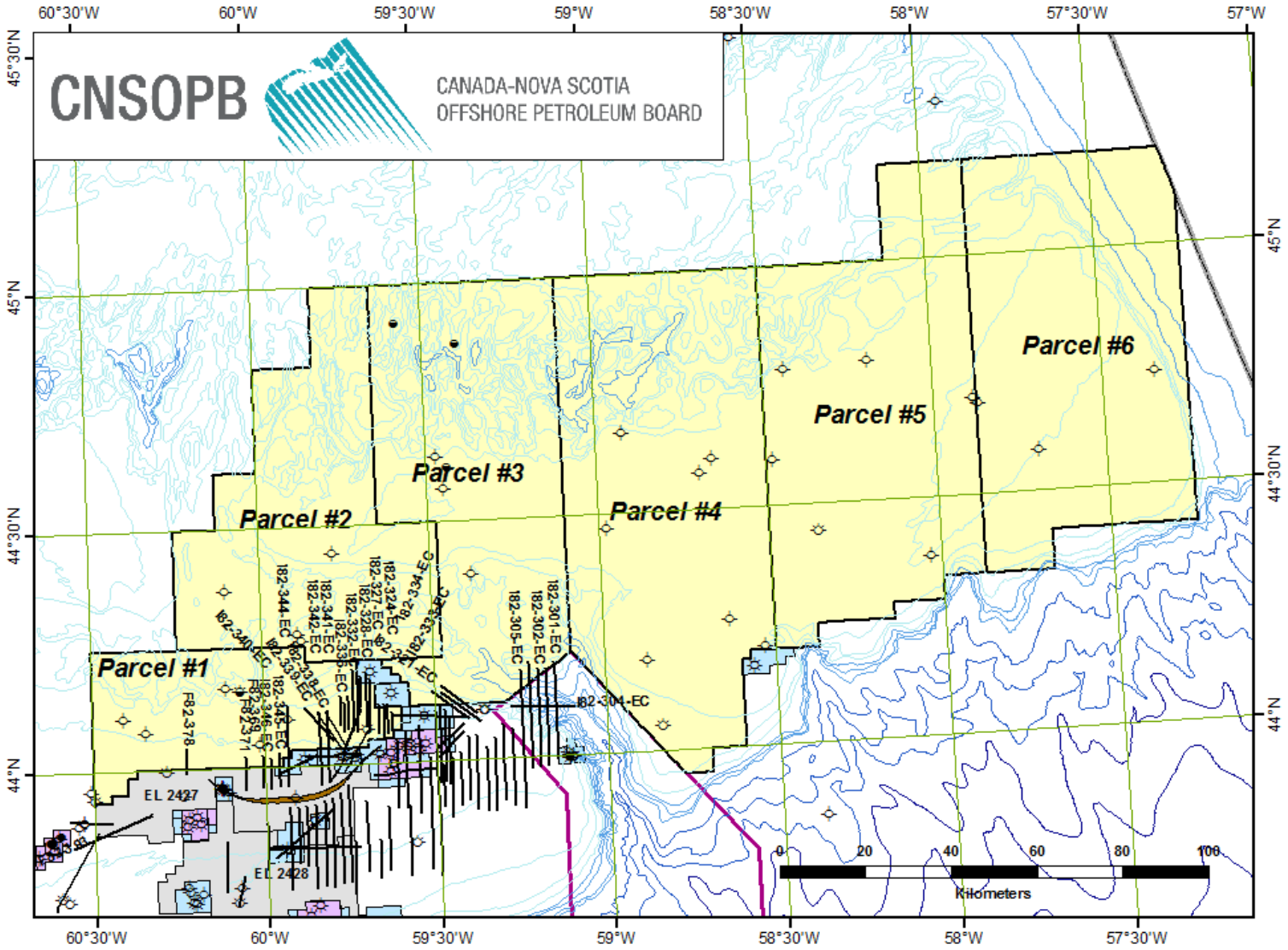


Figure 34: Location Map for 8624-M003-047E

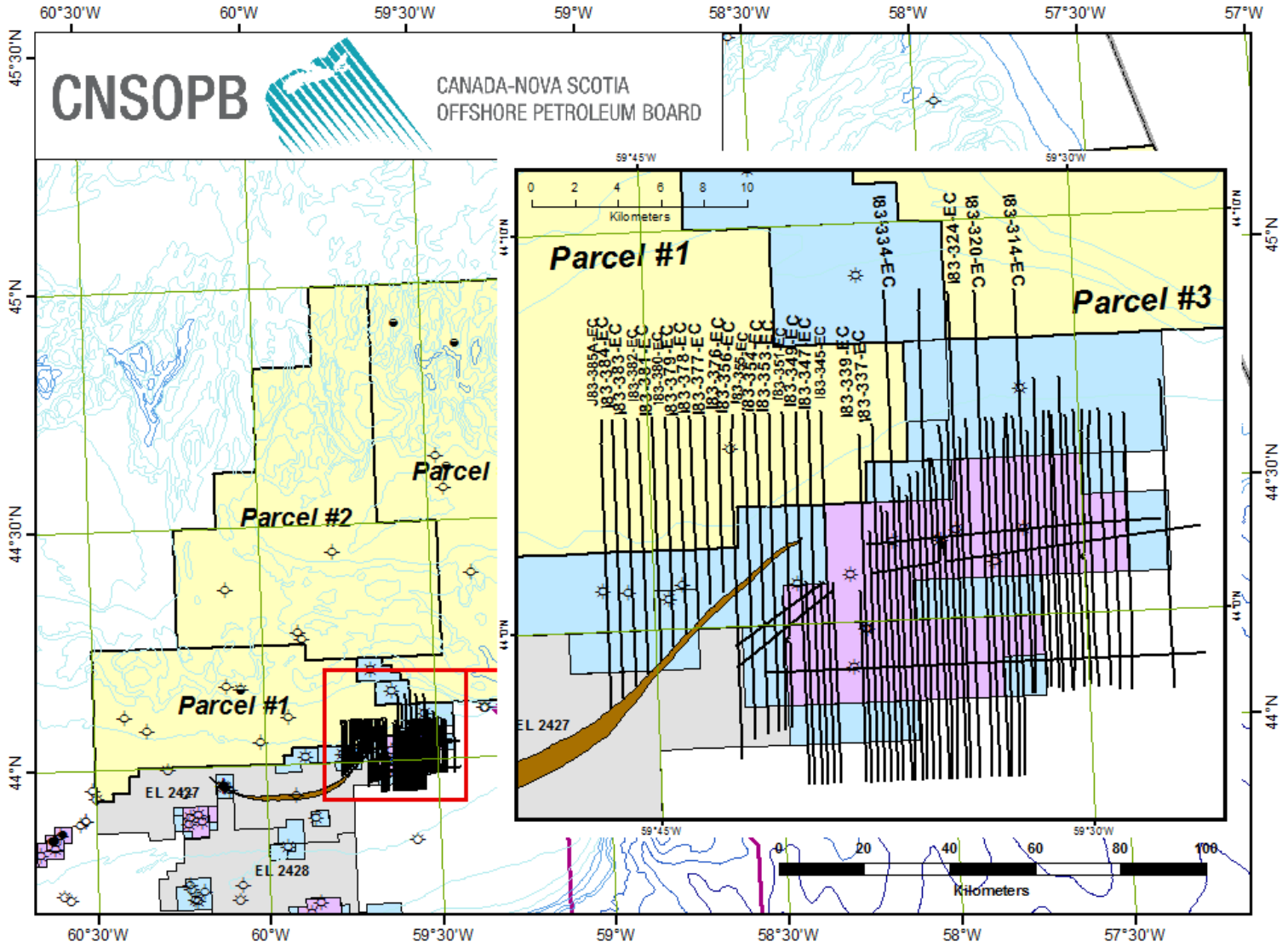


Figure 35: Location Map for 8624-M003-049E

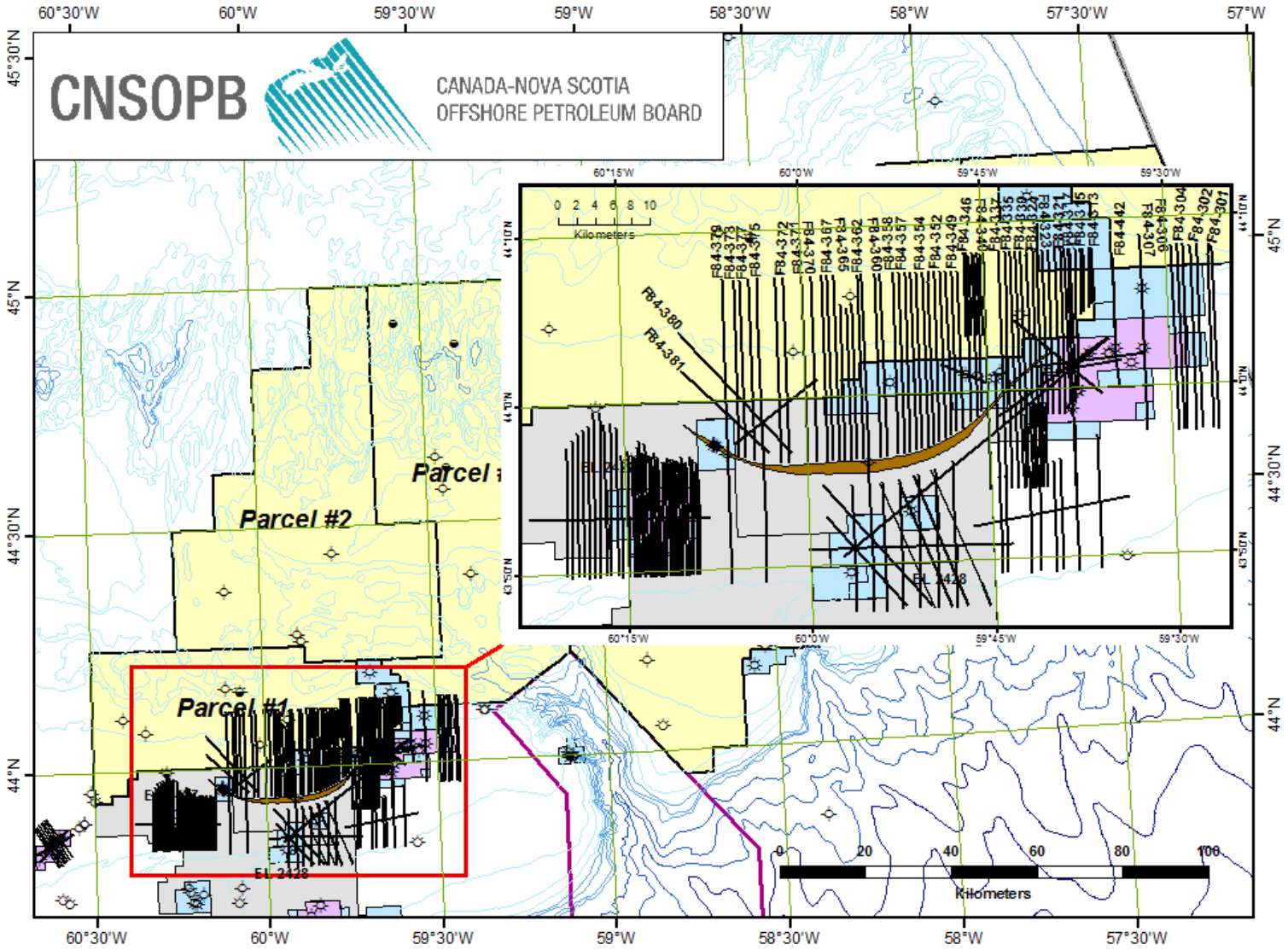


Figure 36: Location Map for NS24-N011-001E

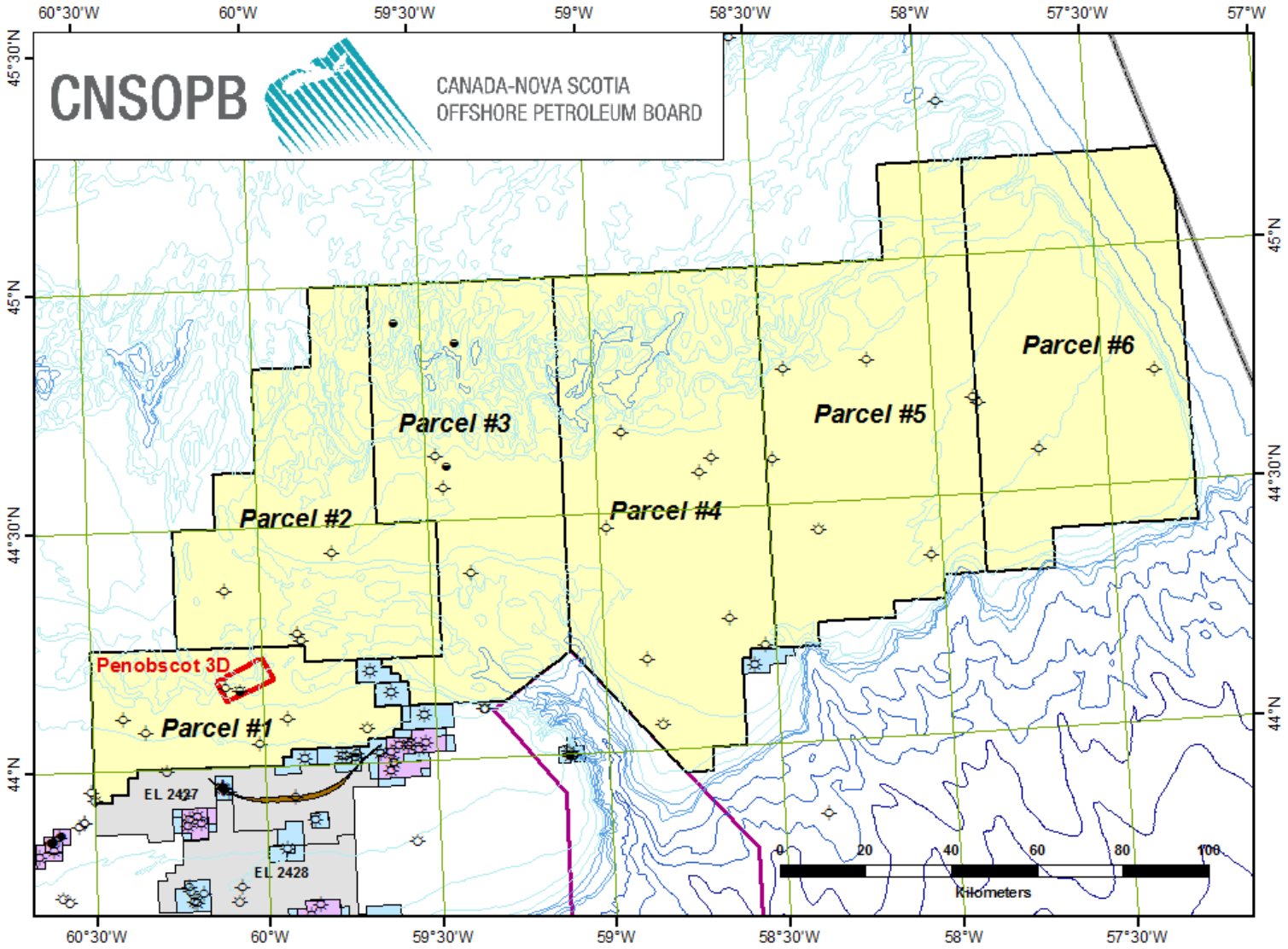


Figure 37: Location Map for 8624-N005-001E

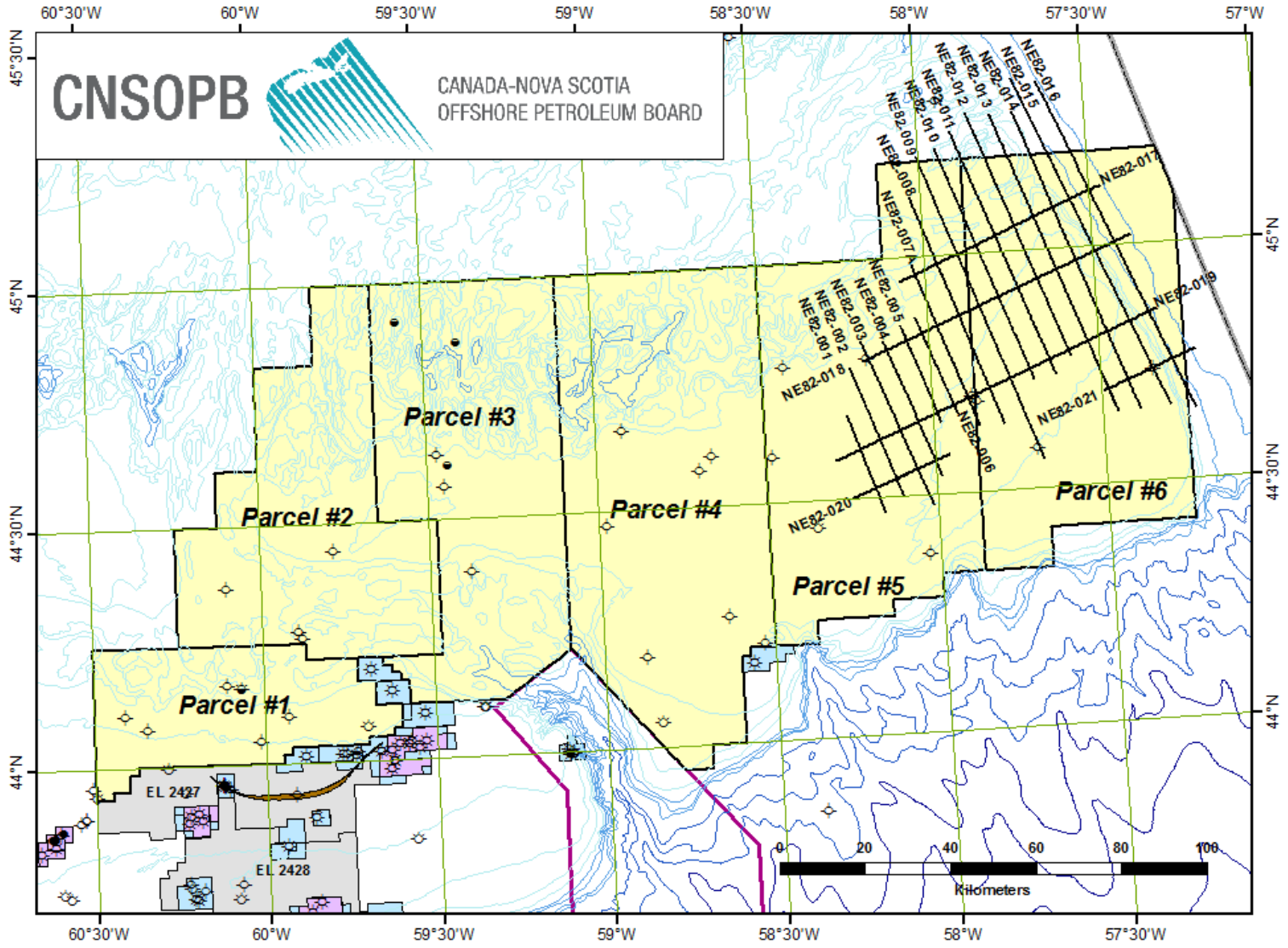


Figure 38: Location Map for 8624-N005-002E

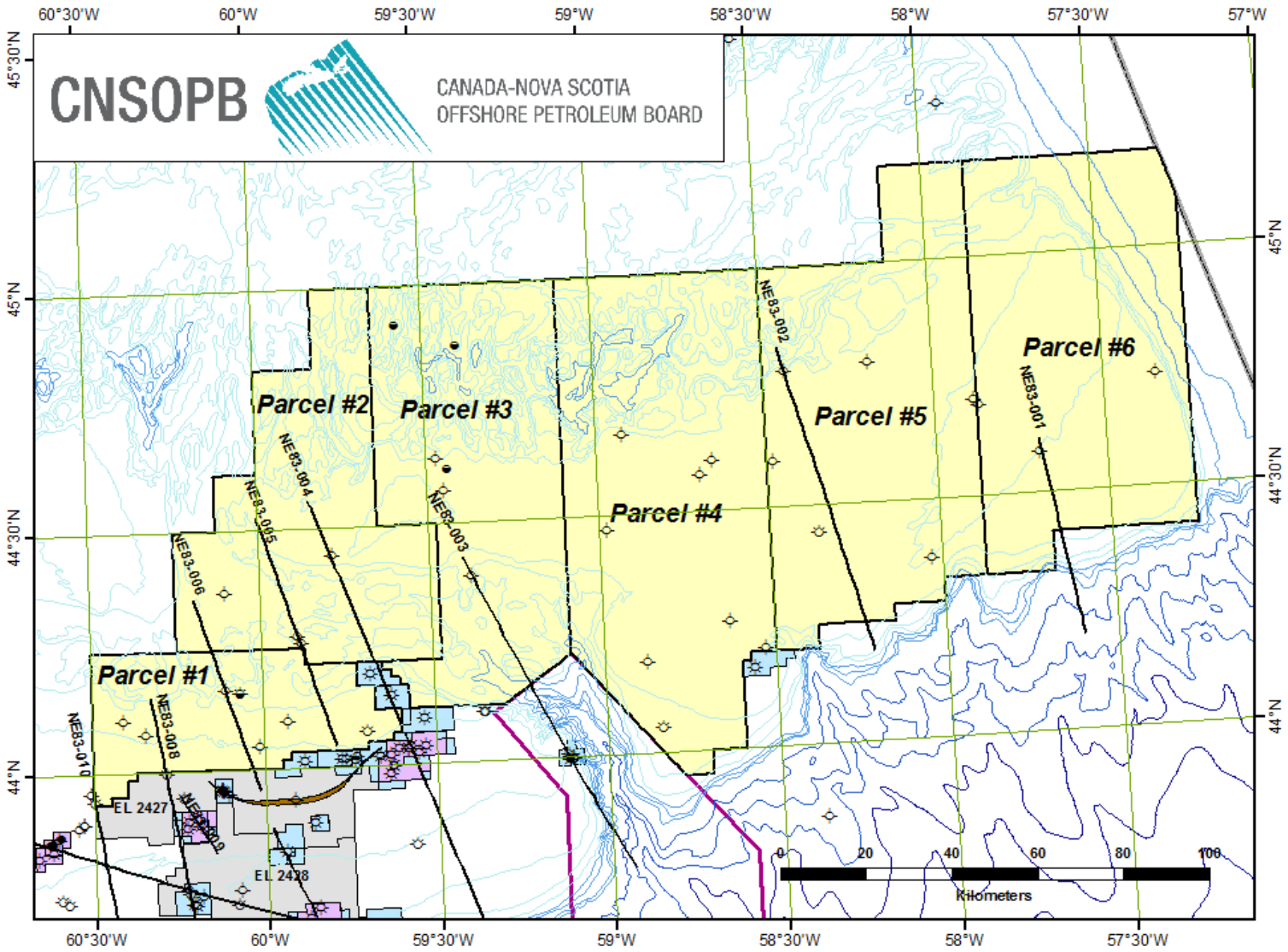


Figure 39: Location Map for 8620-N011-001E

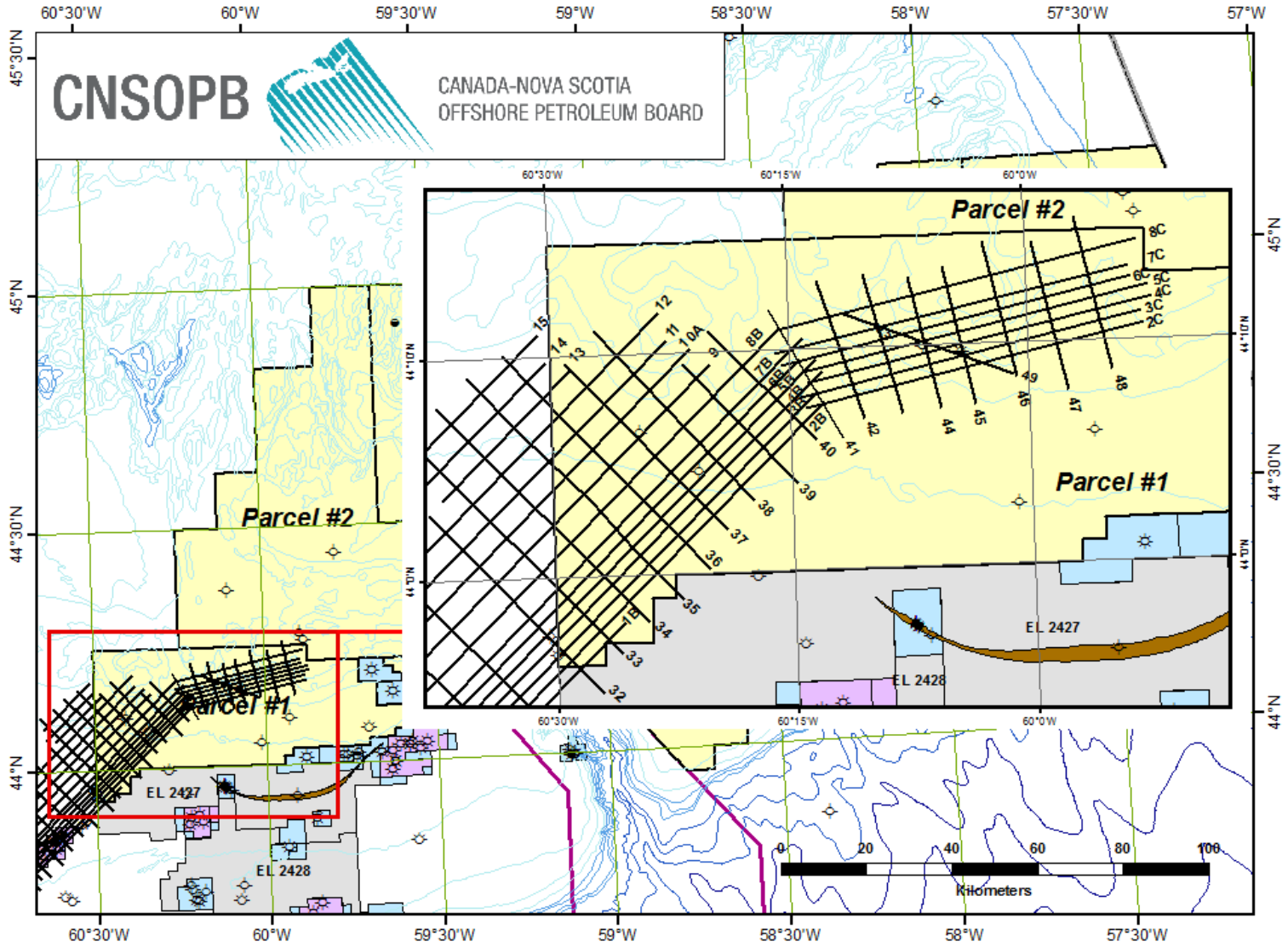


Figure 40: Location Map for NS24-P003-003E

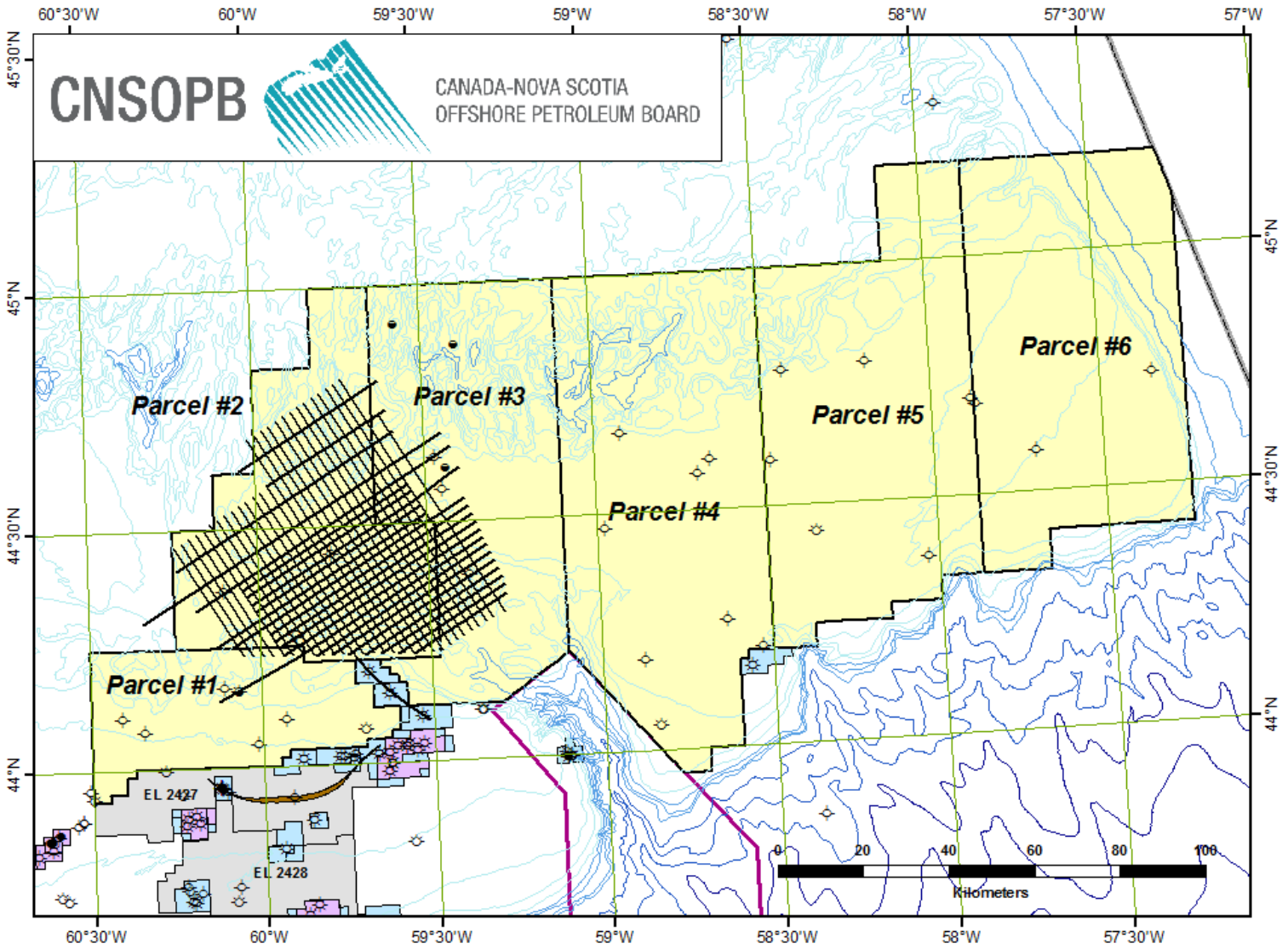


Figure 41: Location Map for 8624-P028-015E

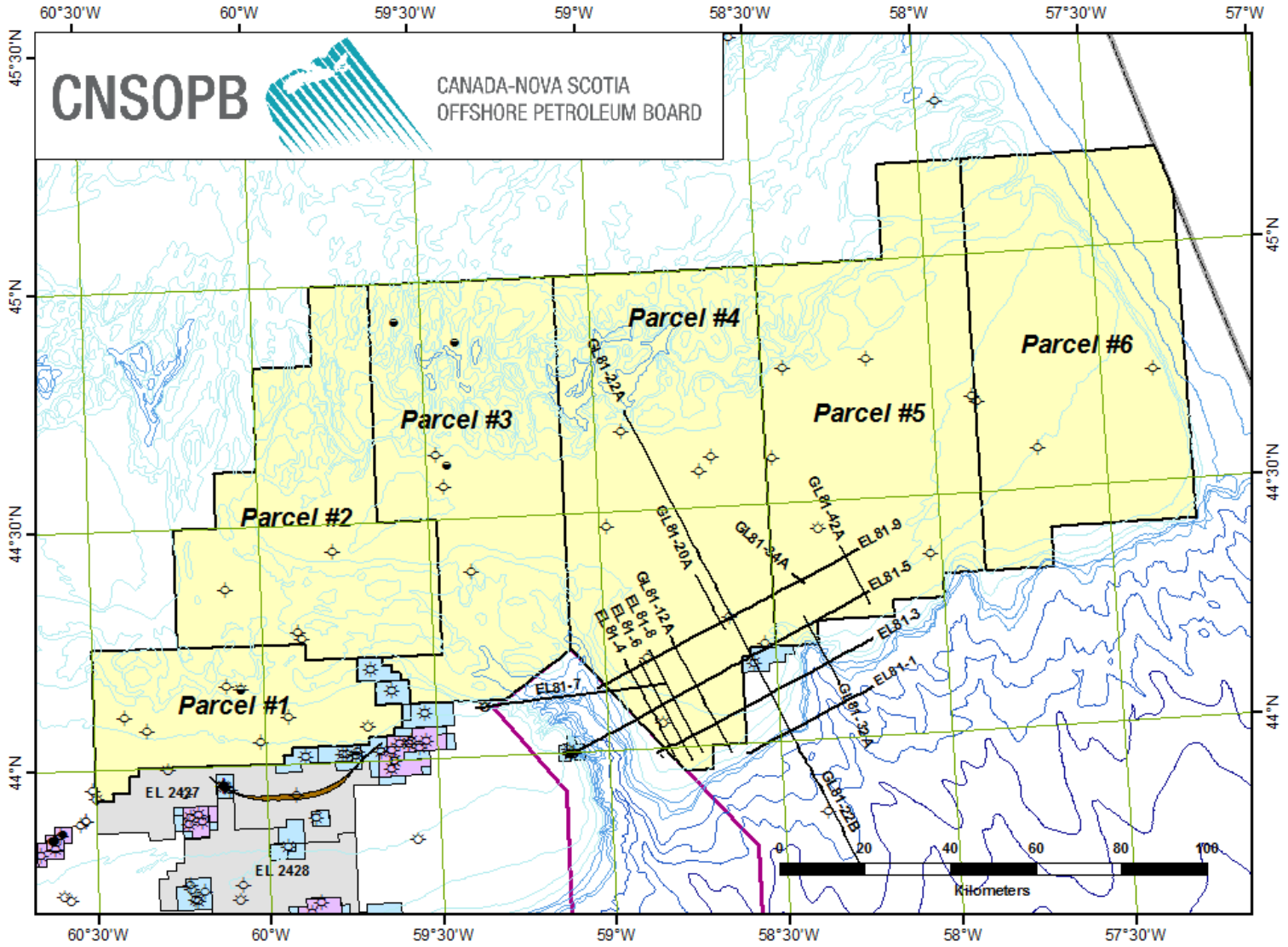


Figure 42: Location Map for 8624-P028-028E

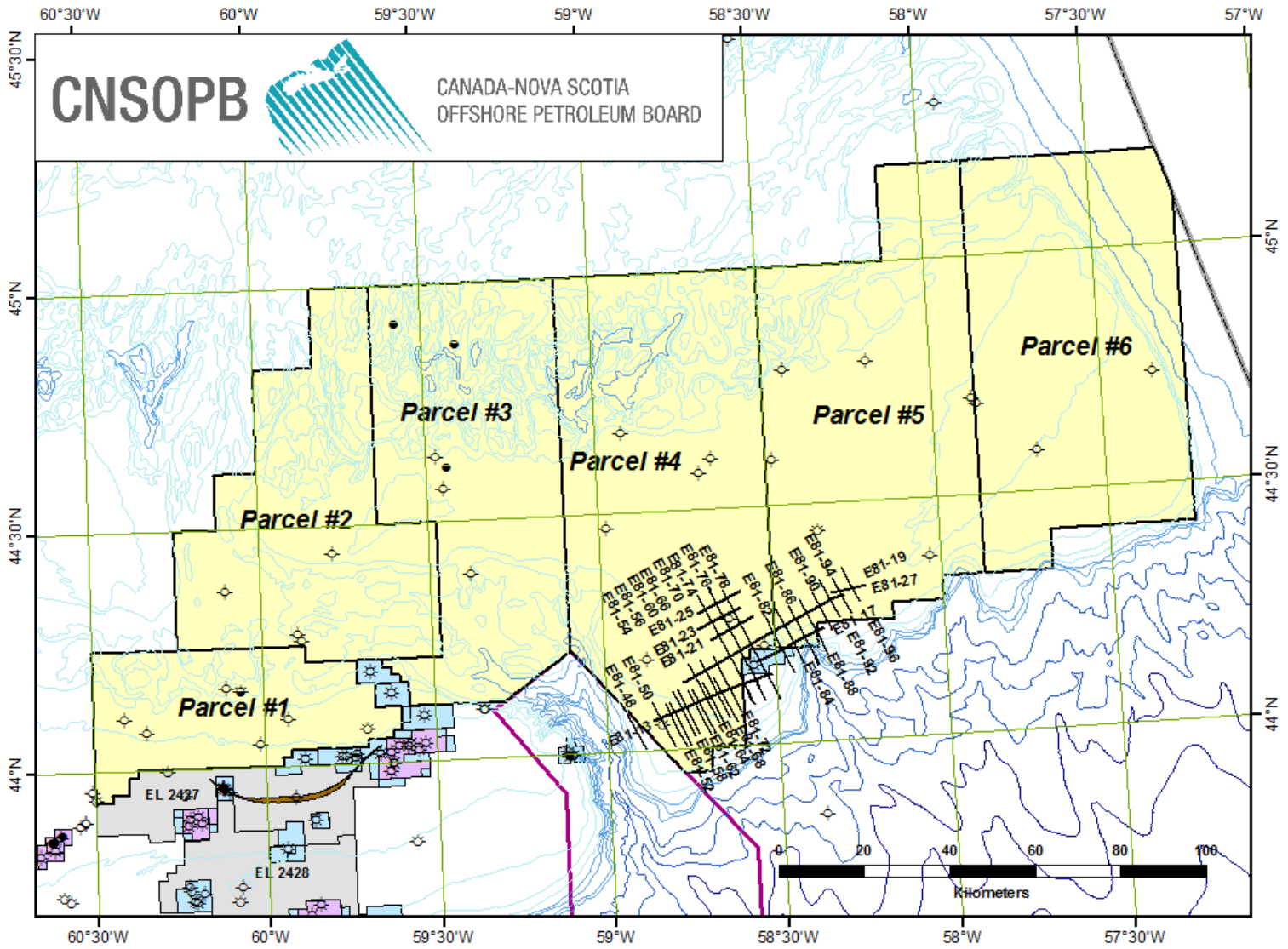


Figure 43: Location Map for 8624-P028-029E

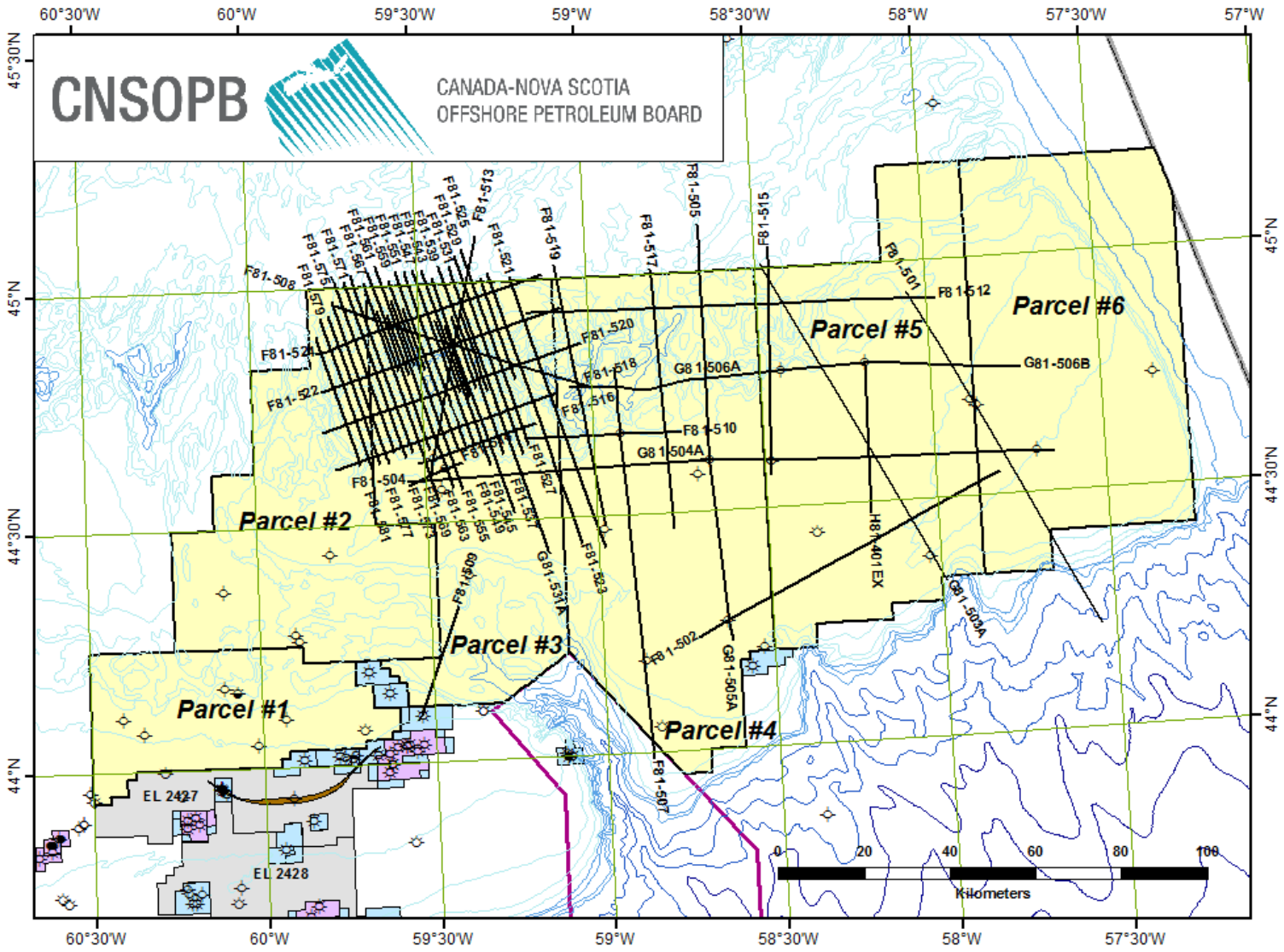


Figure 44: Location Map for 8624-P028-036E

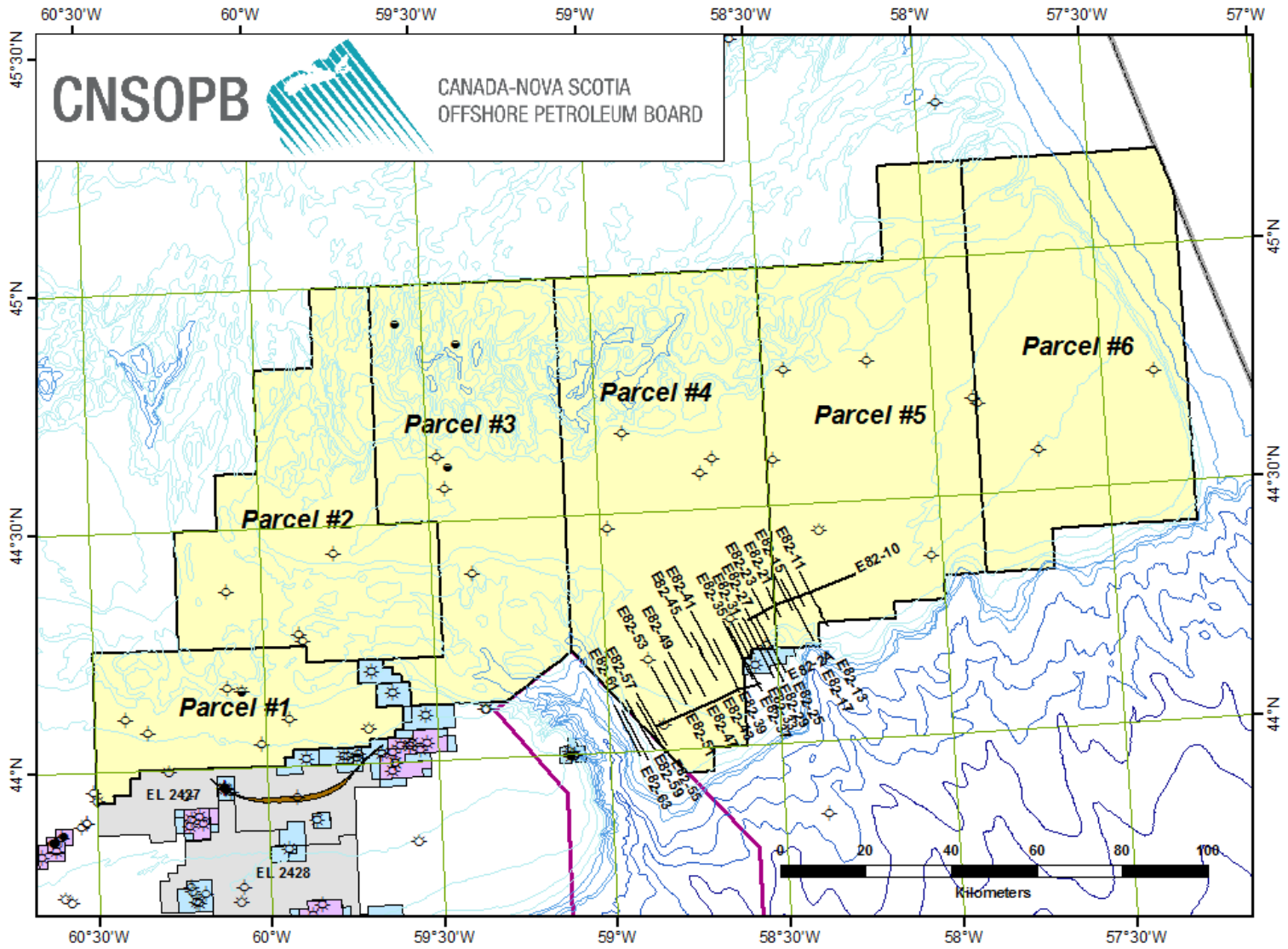


Figure 45: Location Map for 8624-P028-046E

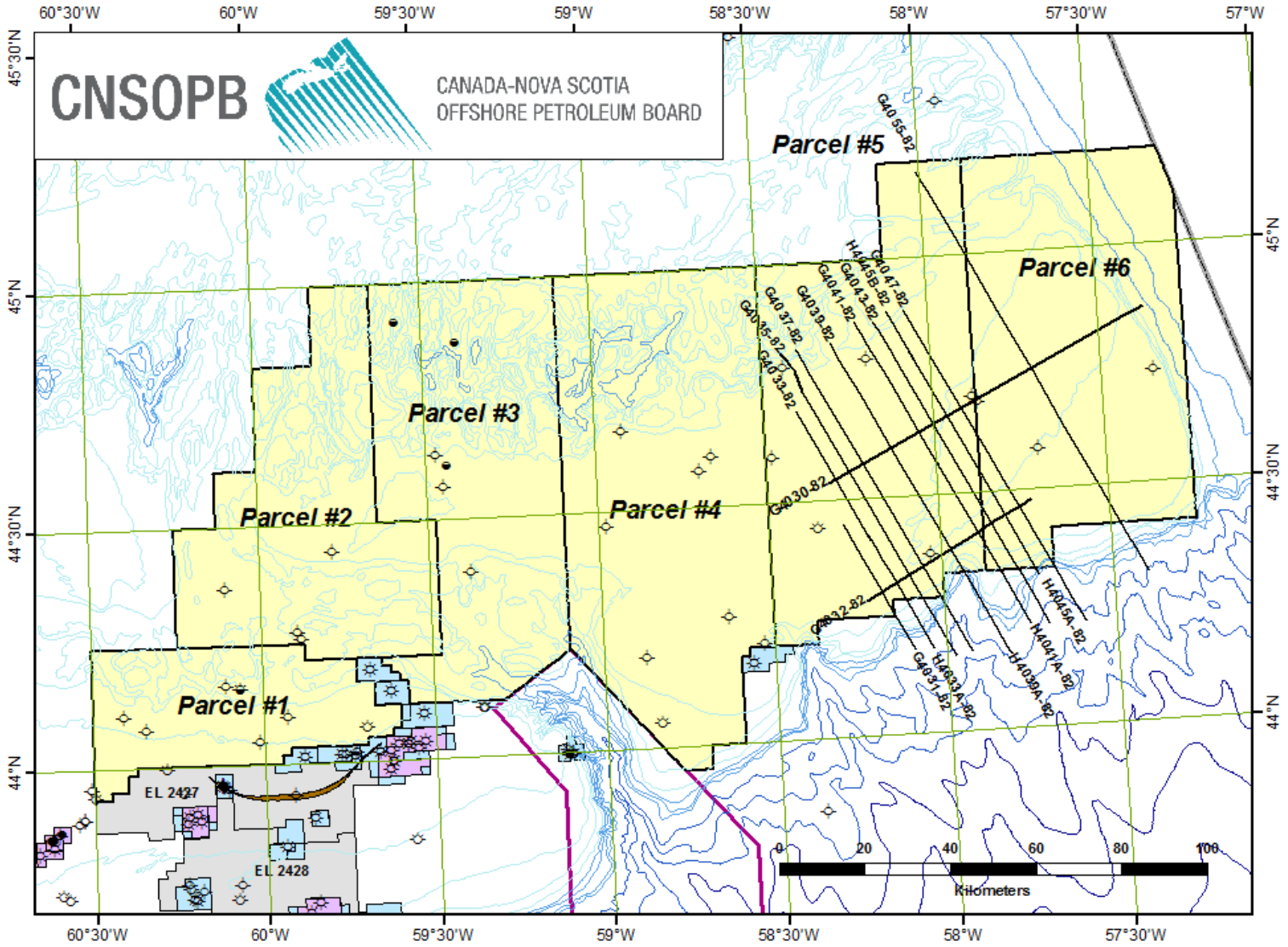


Figure 46: Location Map for 8624-P028-072E

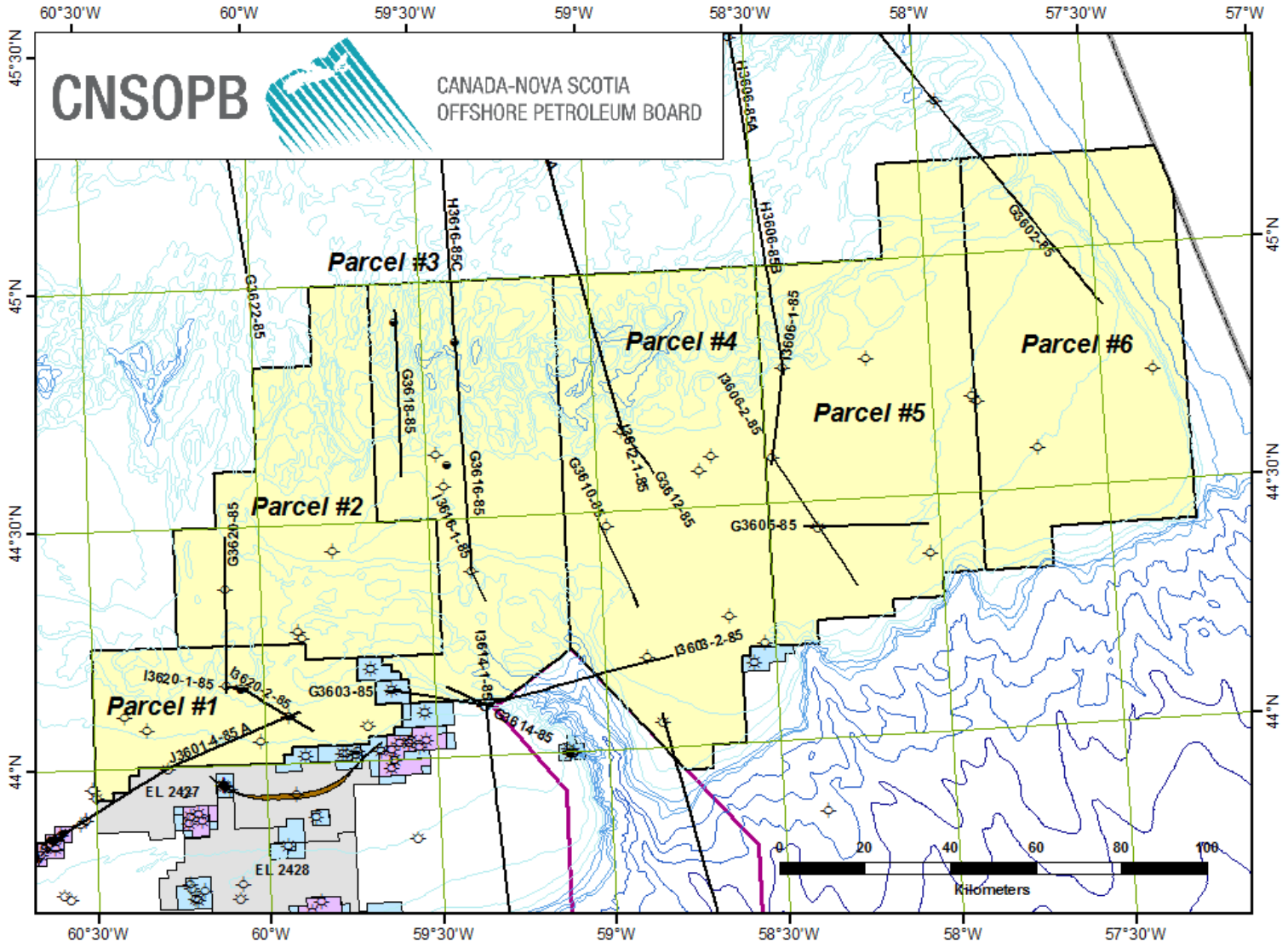


Figure 47: Location Map for 8624-P028-073E

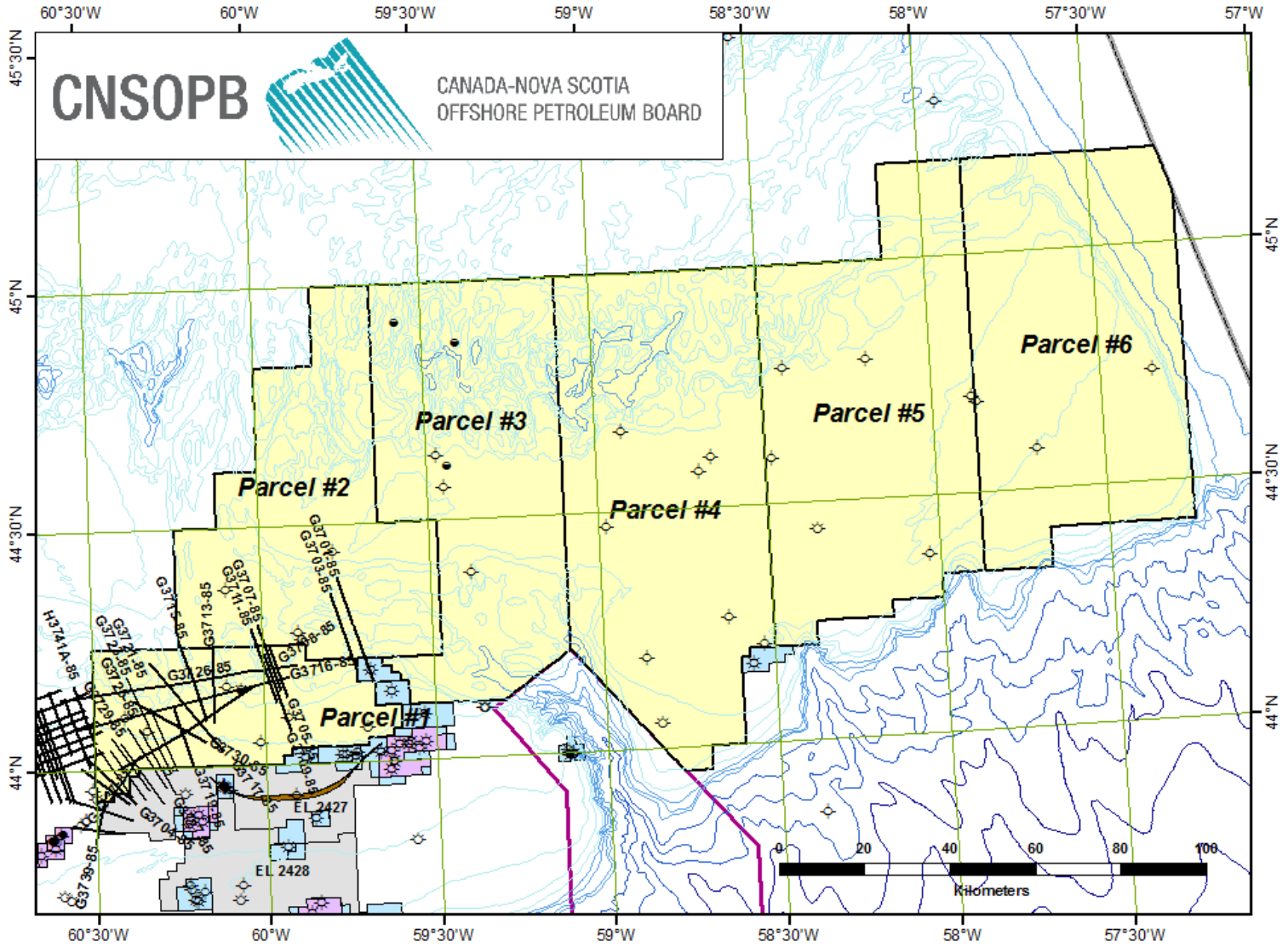


Figure 48: Location Map for 8624-S006-020E

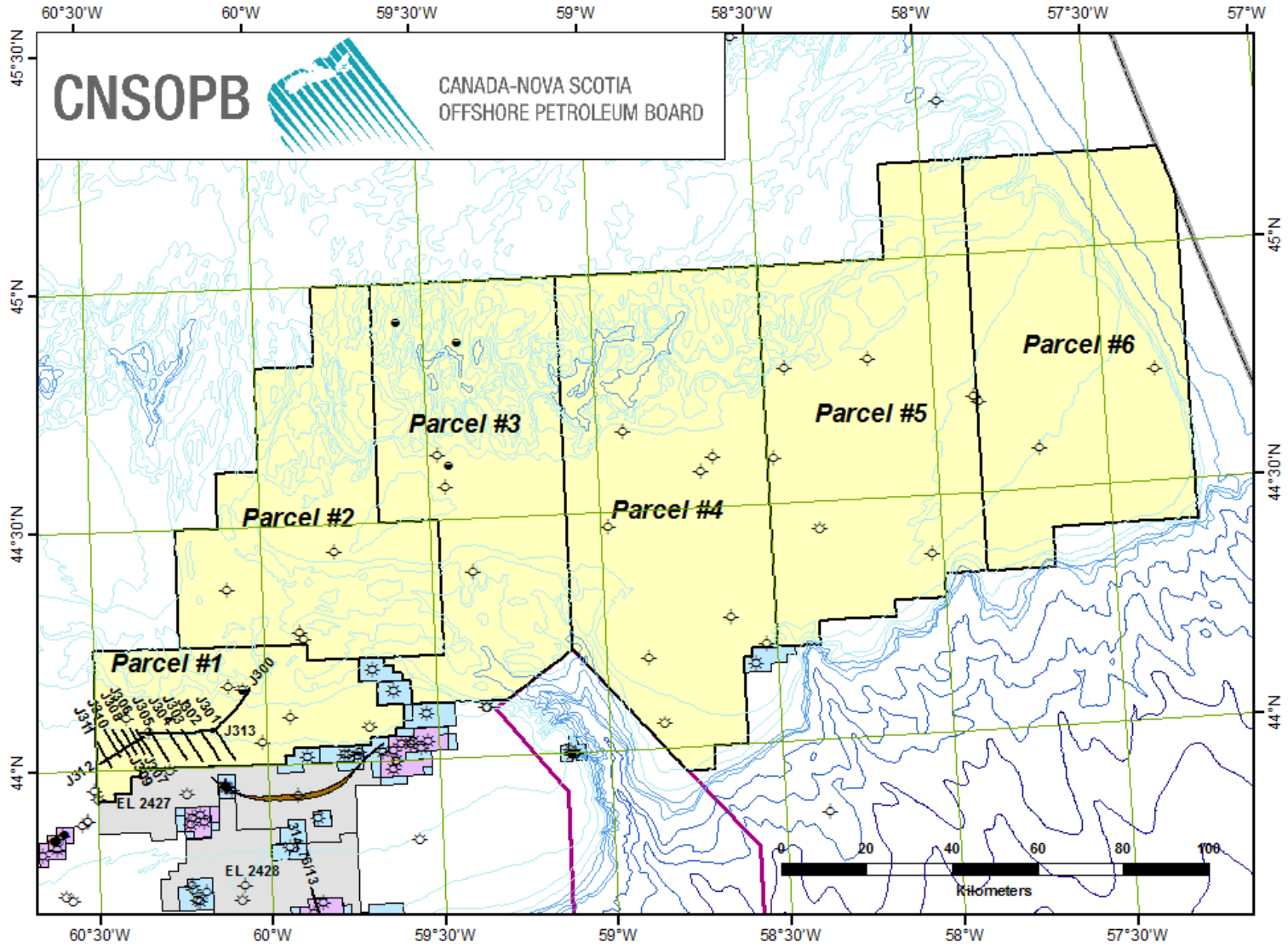


Figure 49: Location Map for 8624-S006-023E

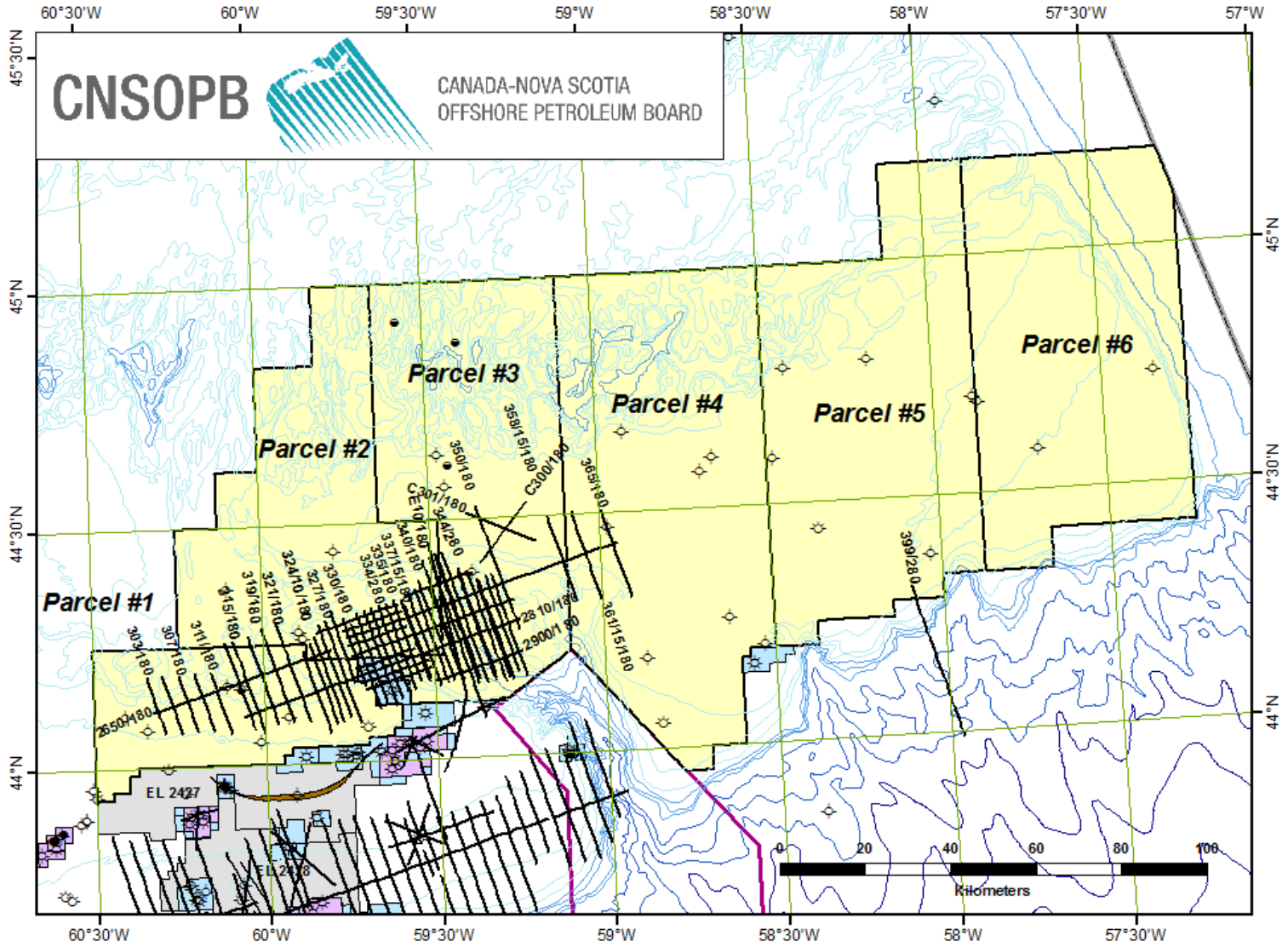


Figure 50: Location Map for 8624-S006-027E

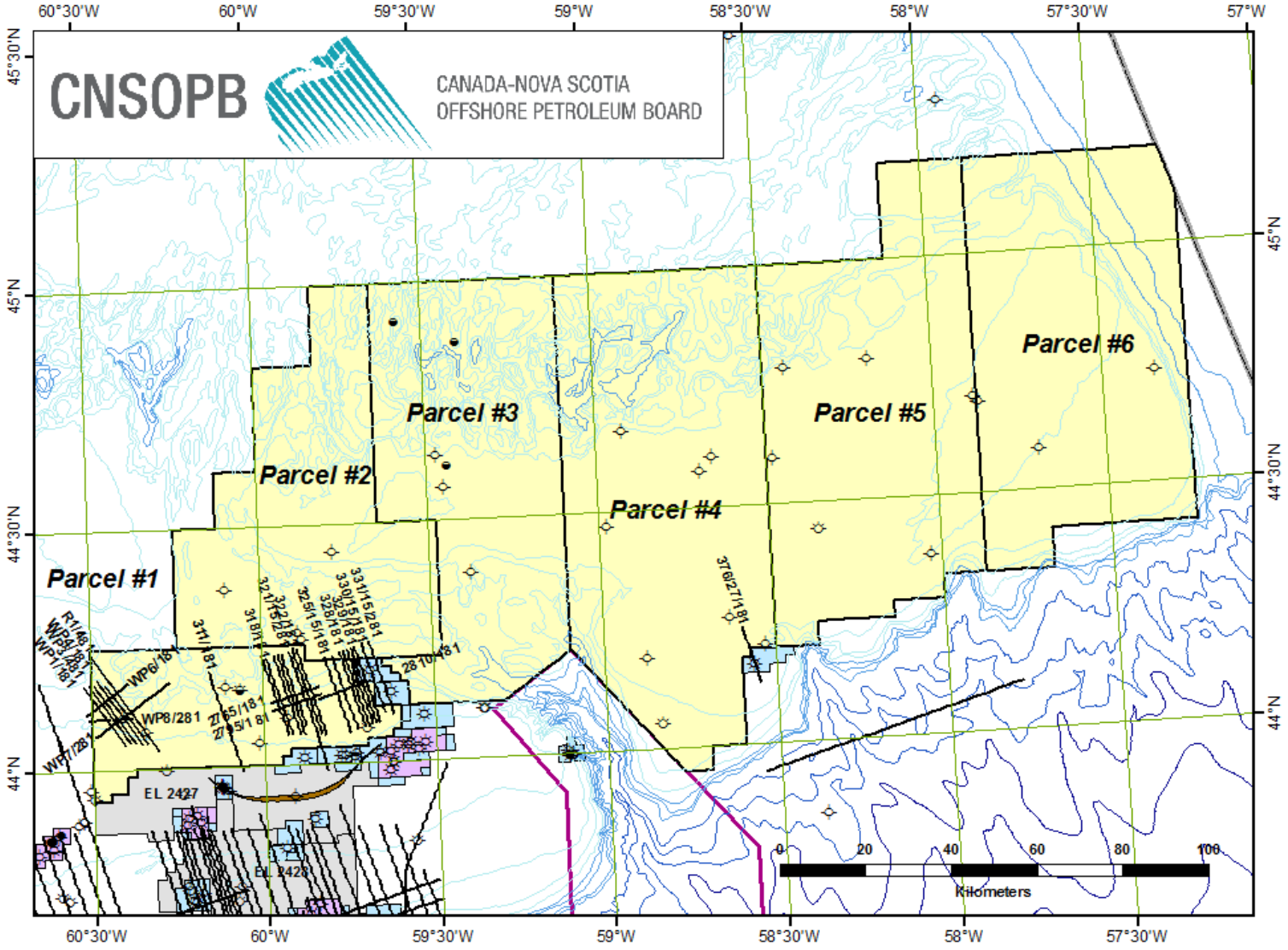


Figure 51: Location Map for 8624-S006-033E

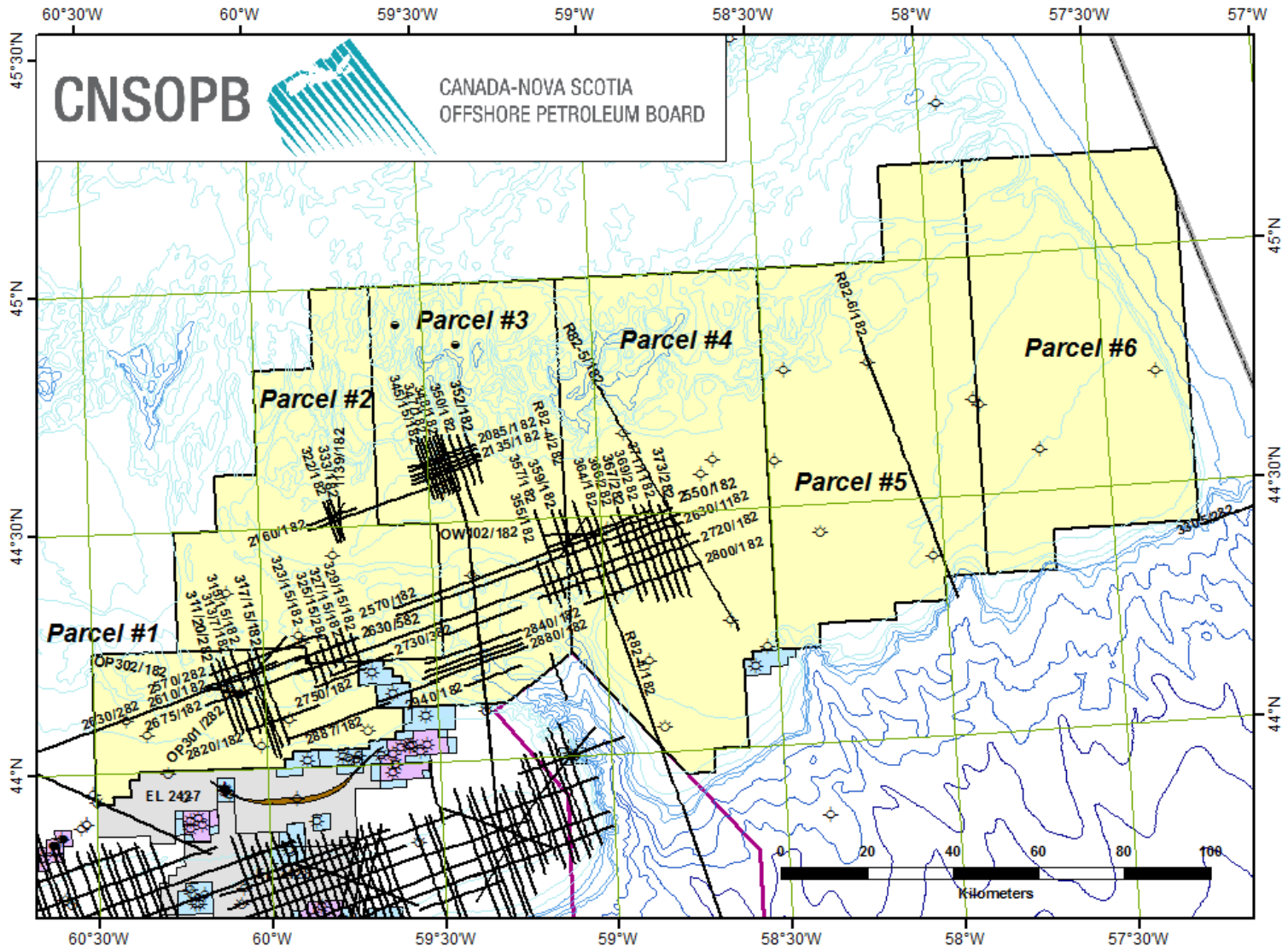


Figure 52: Location Map for 8624-S006-037E

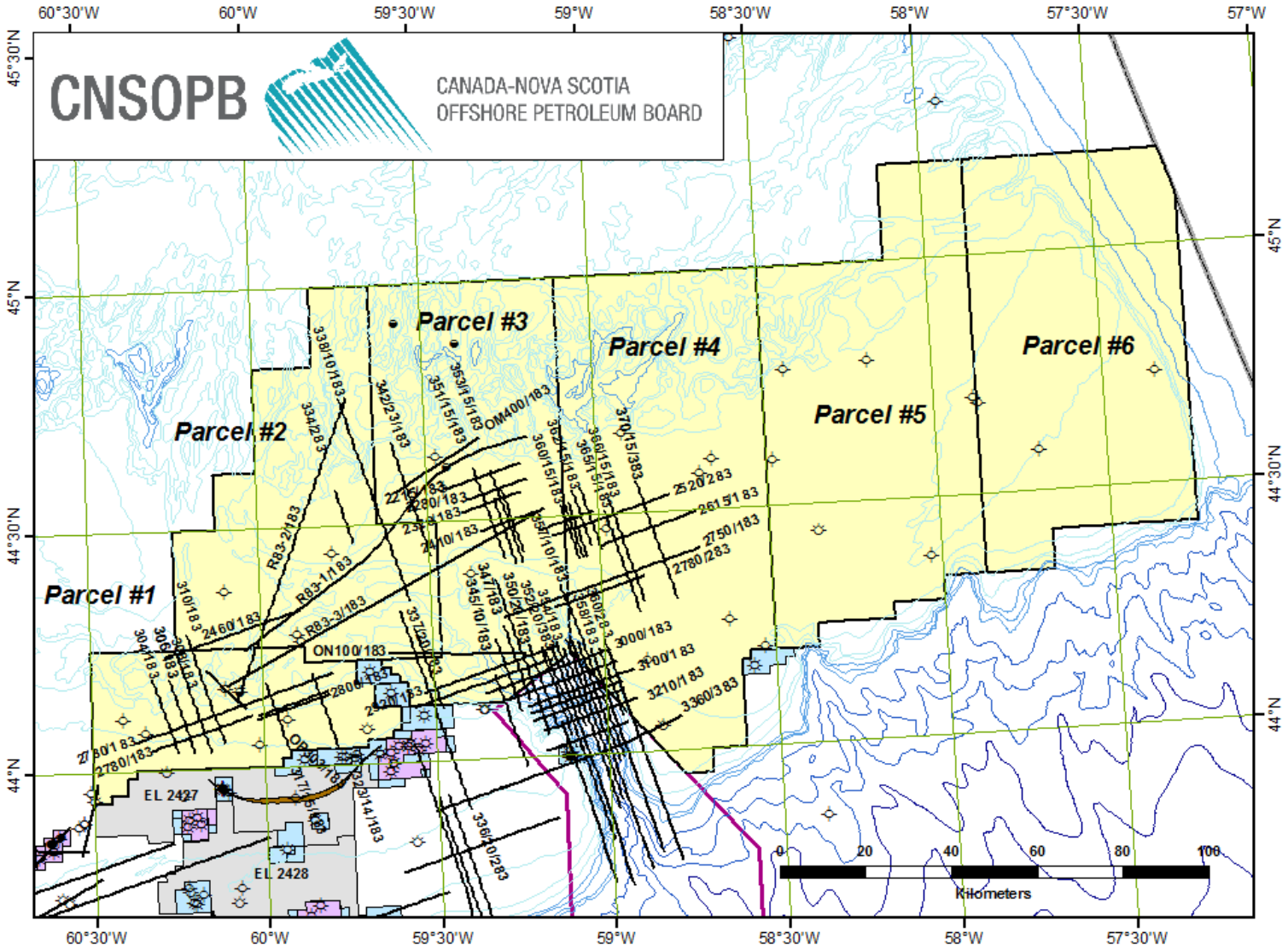


Figure 53: Location Map for 8624-S006-043E

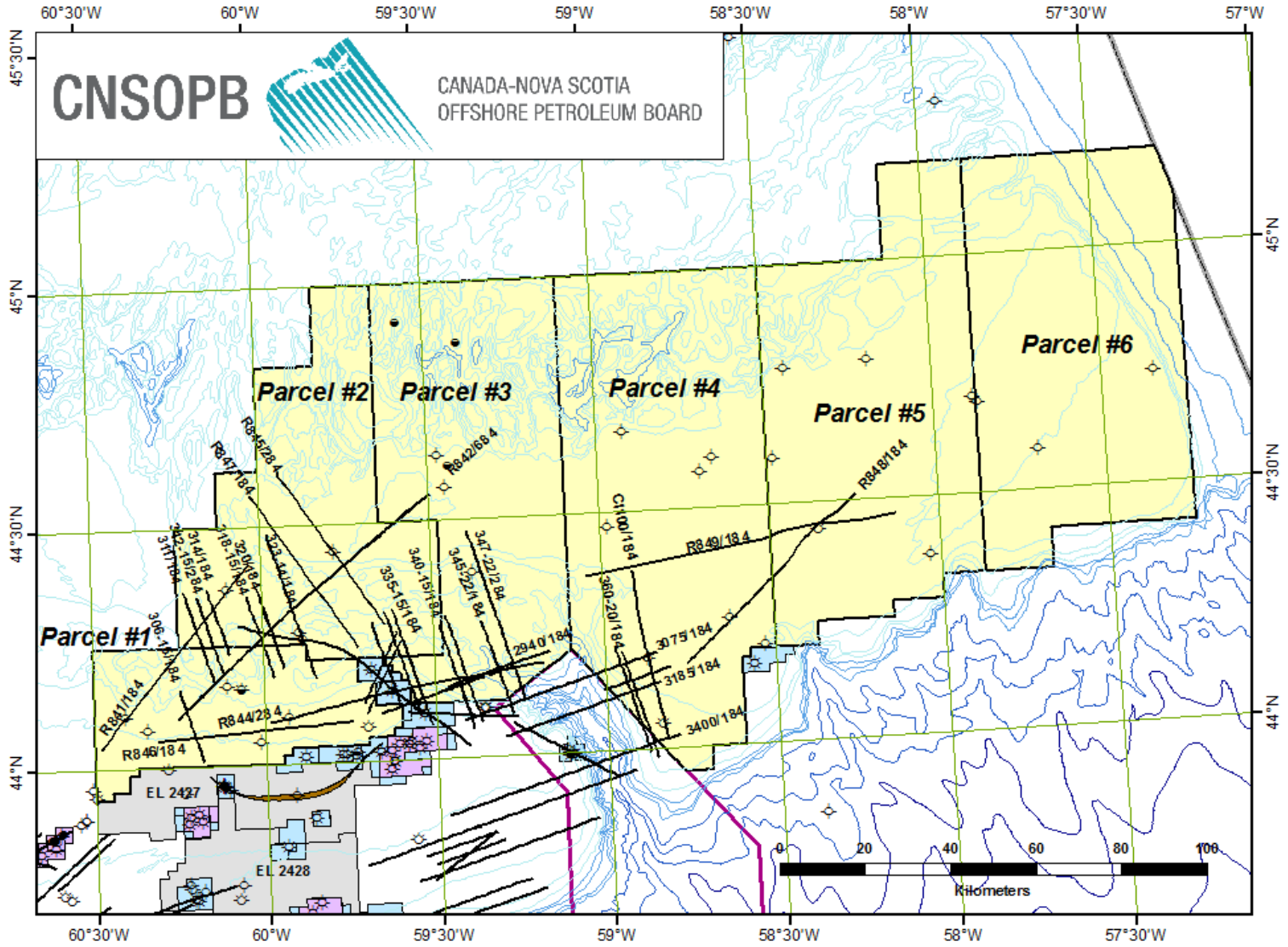


Figure 54: Location Map for 8624-S006-045E

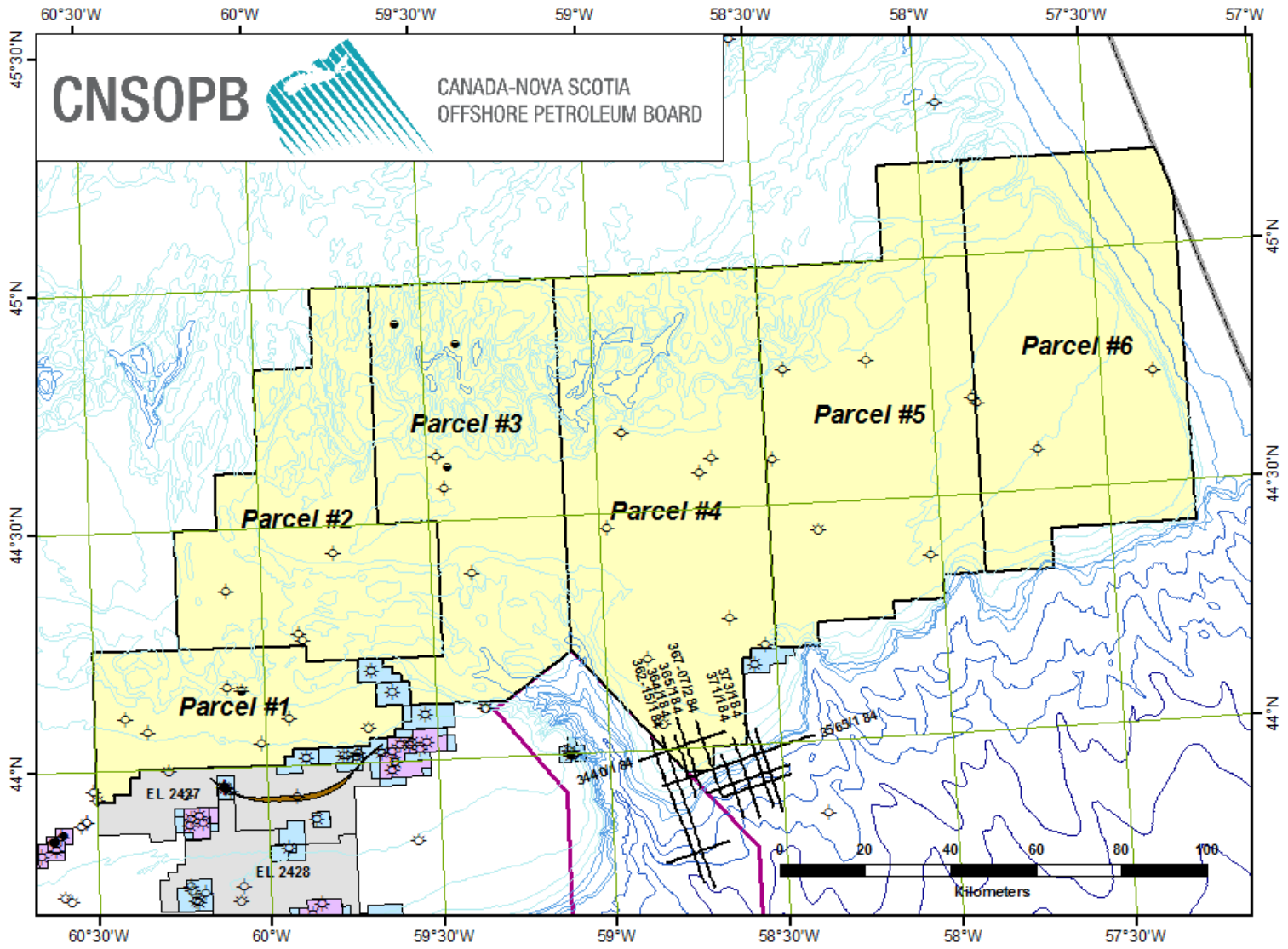


Figure 55: Location Map for 8624-S006-048E

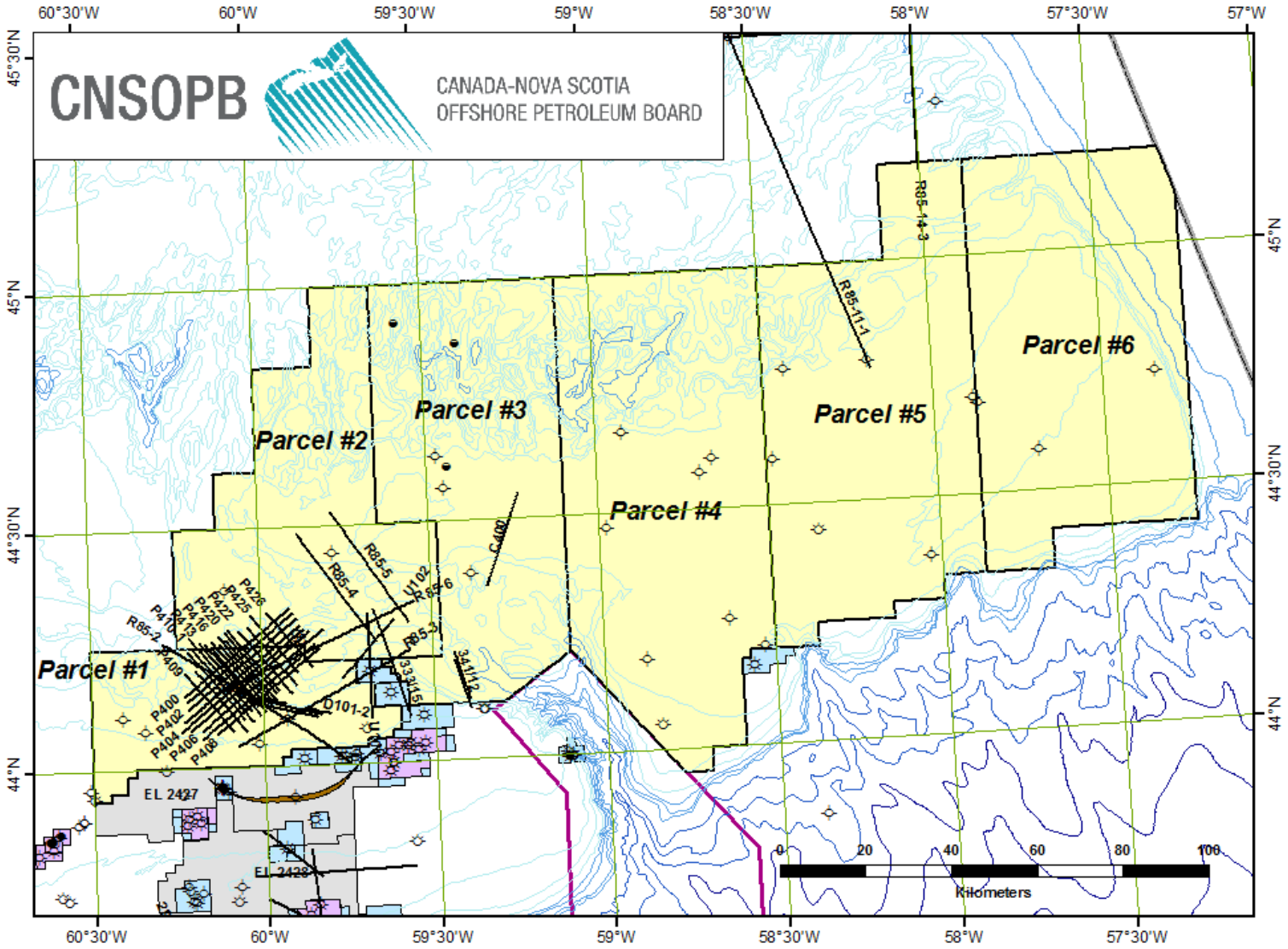


Figure 56: Location Map for 8620-S014-006E

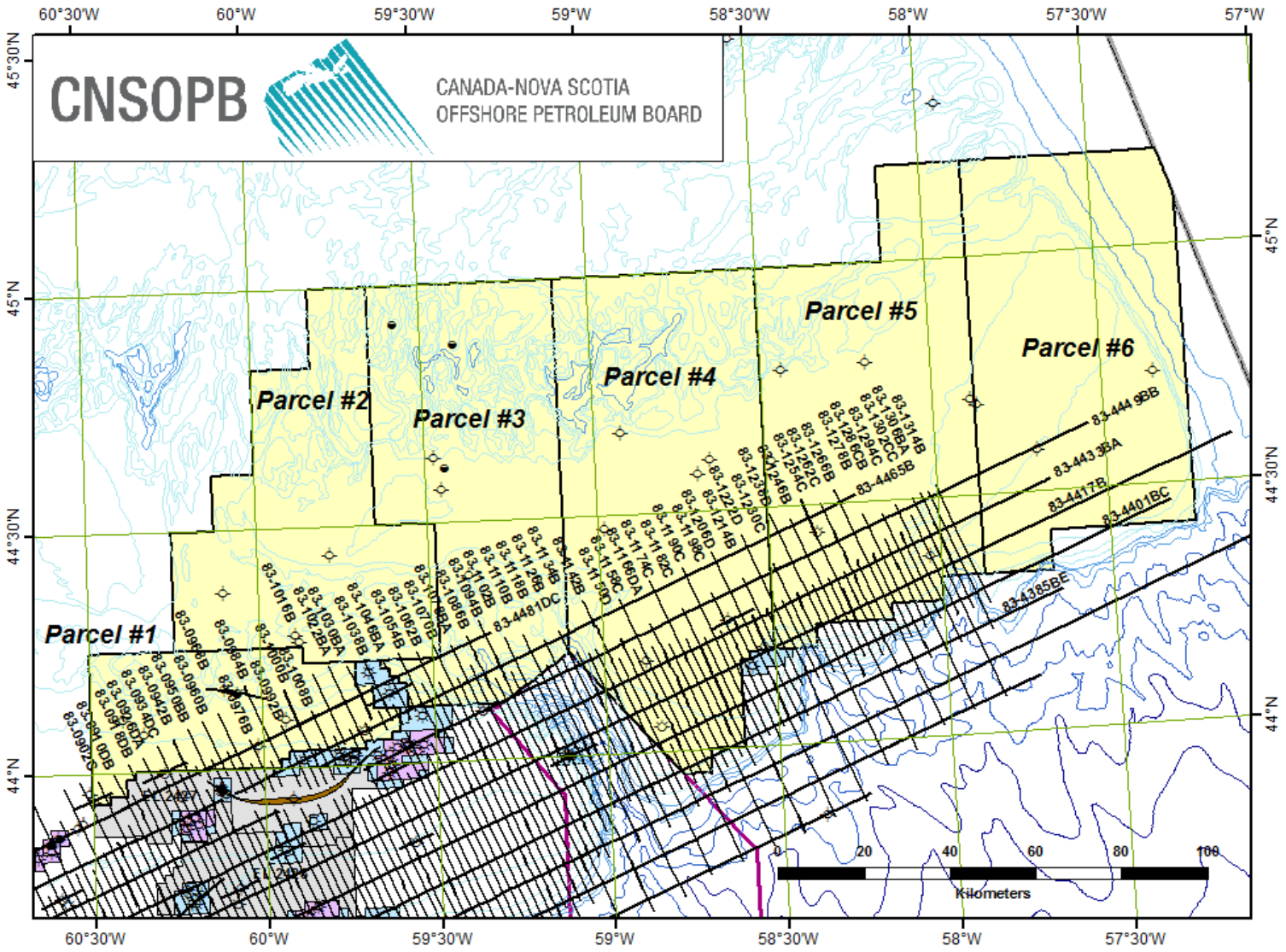


Figure 57: Location Map for NS24-T063-002P

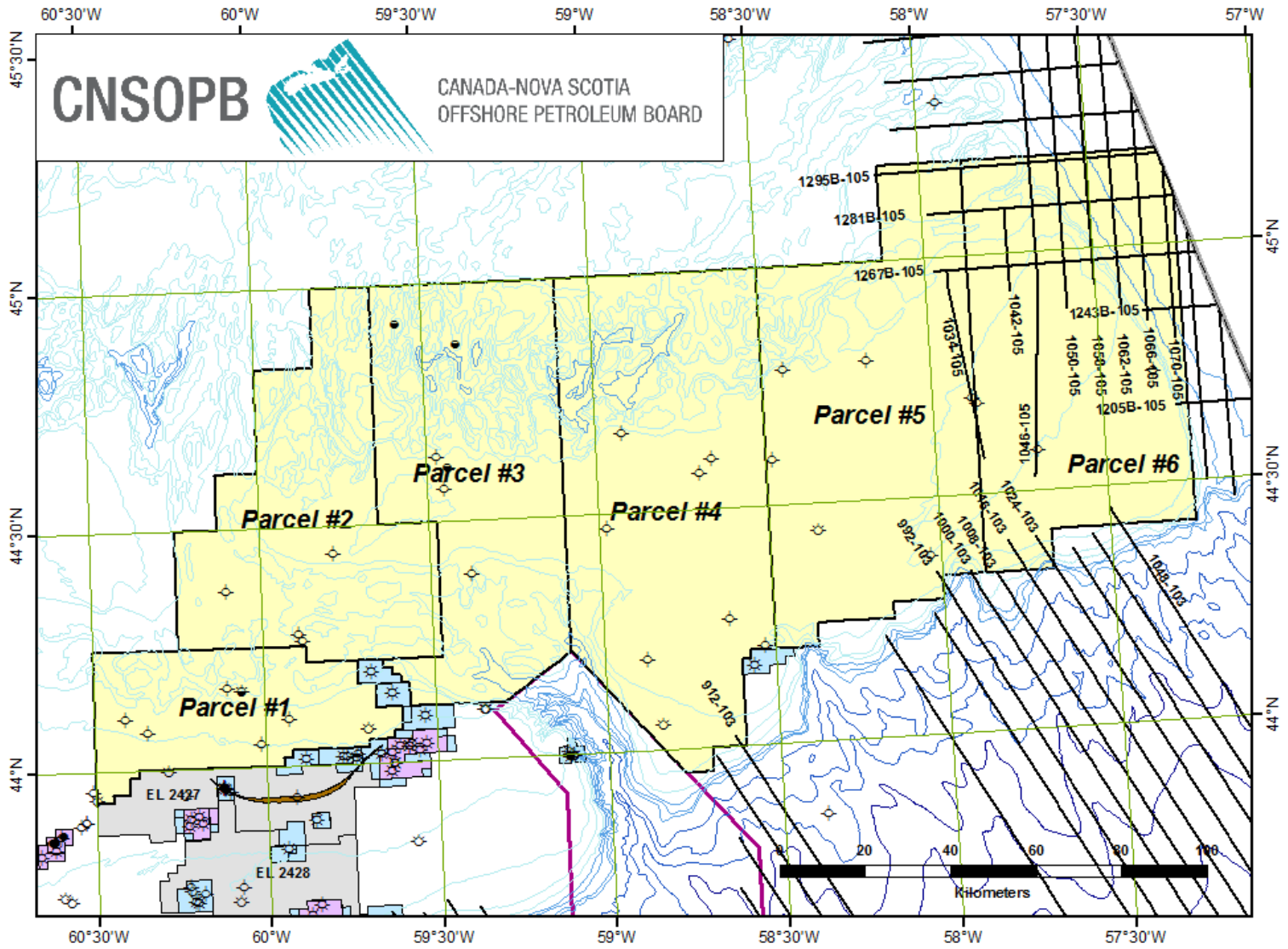


Figure 58: Location Map for NS24-W013-001P

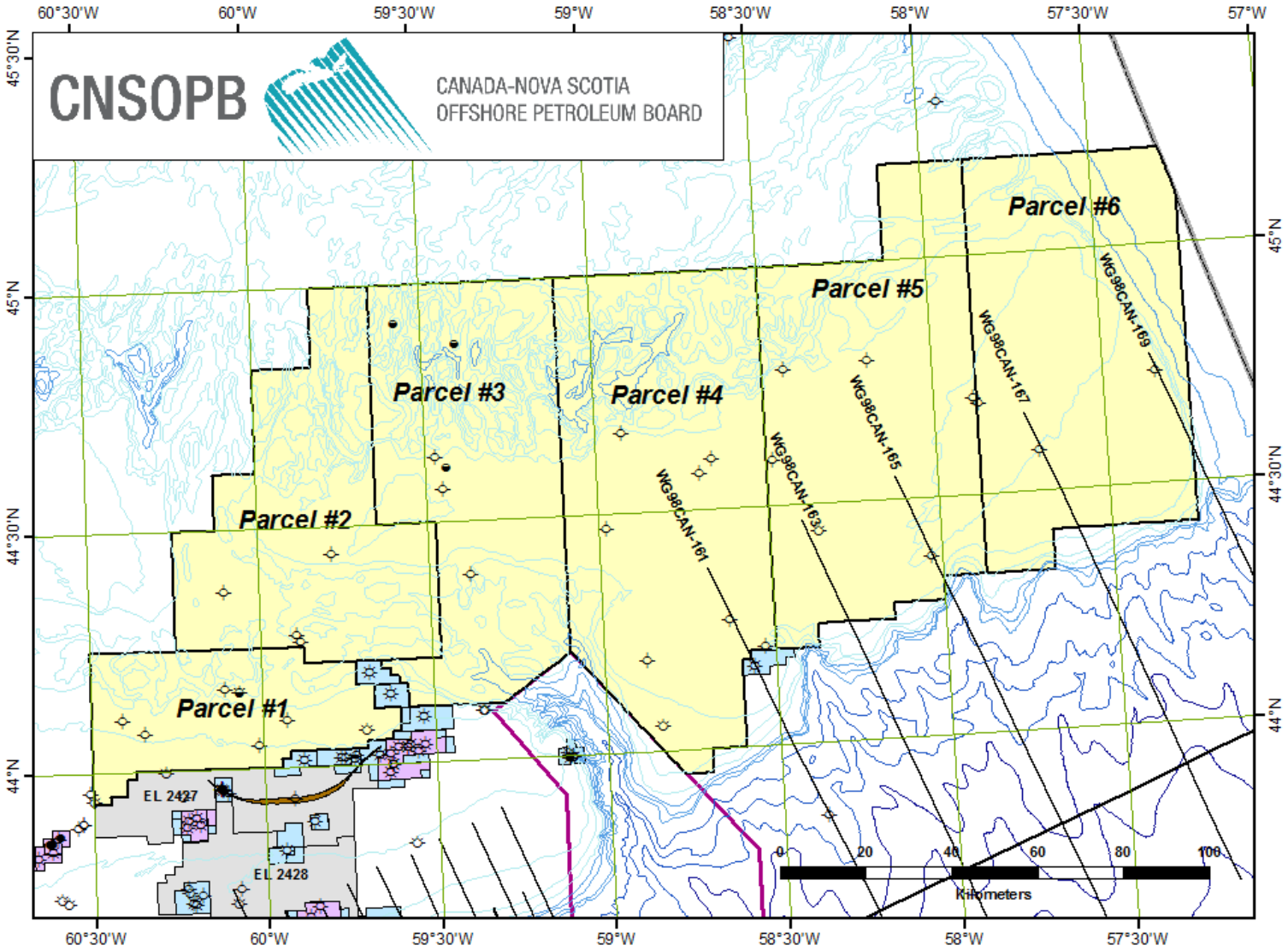


Figure 59: Location Map for NS24-W030-001P

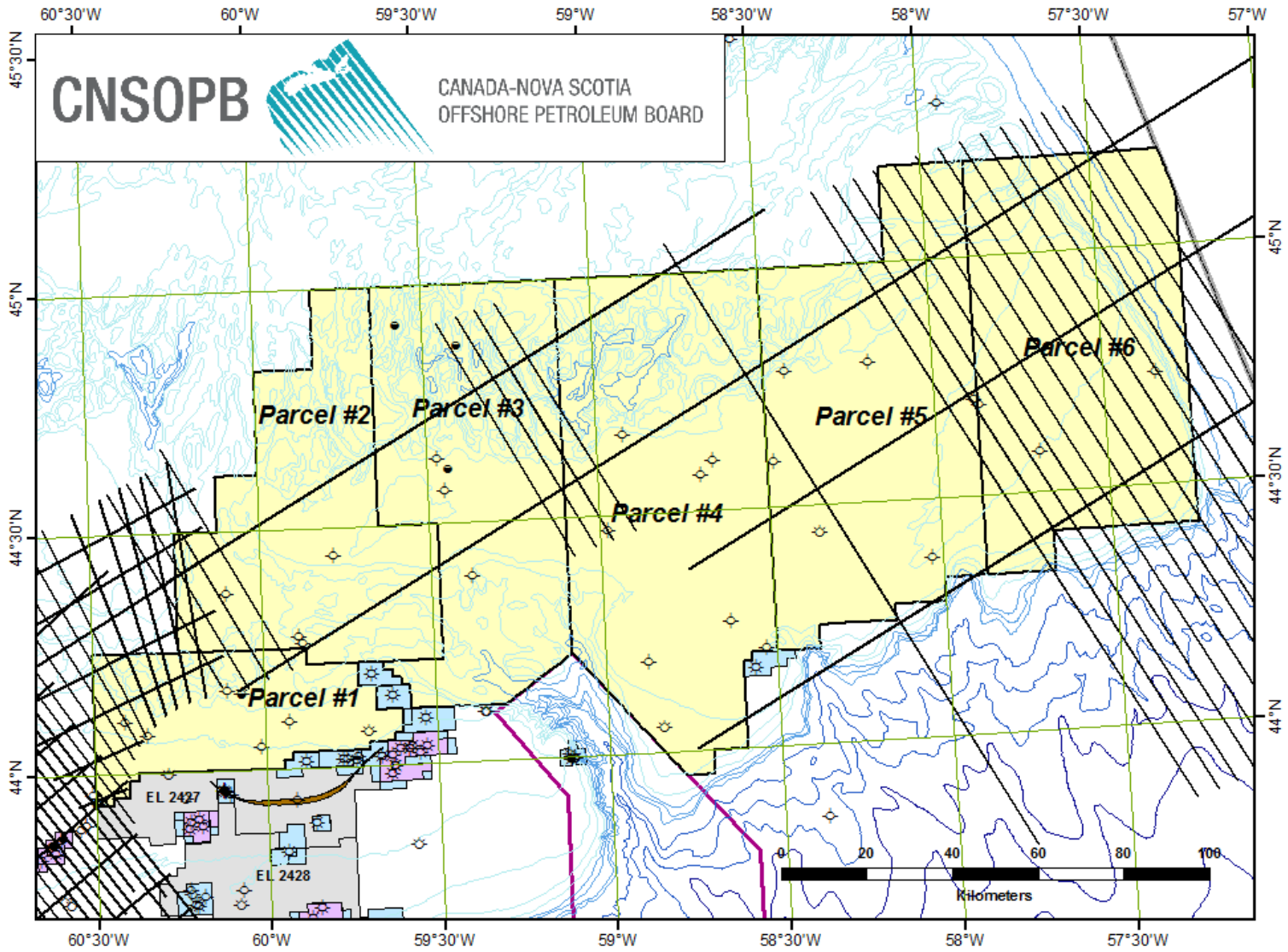


Figure 60: Location Map for 8624-W013-001P

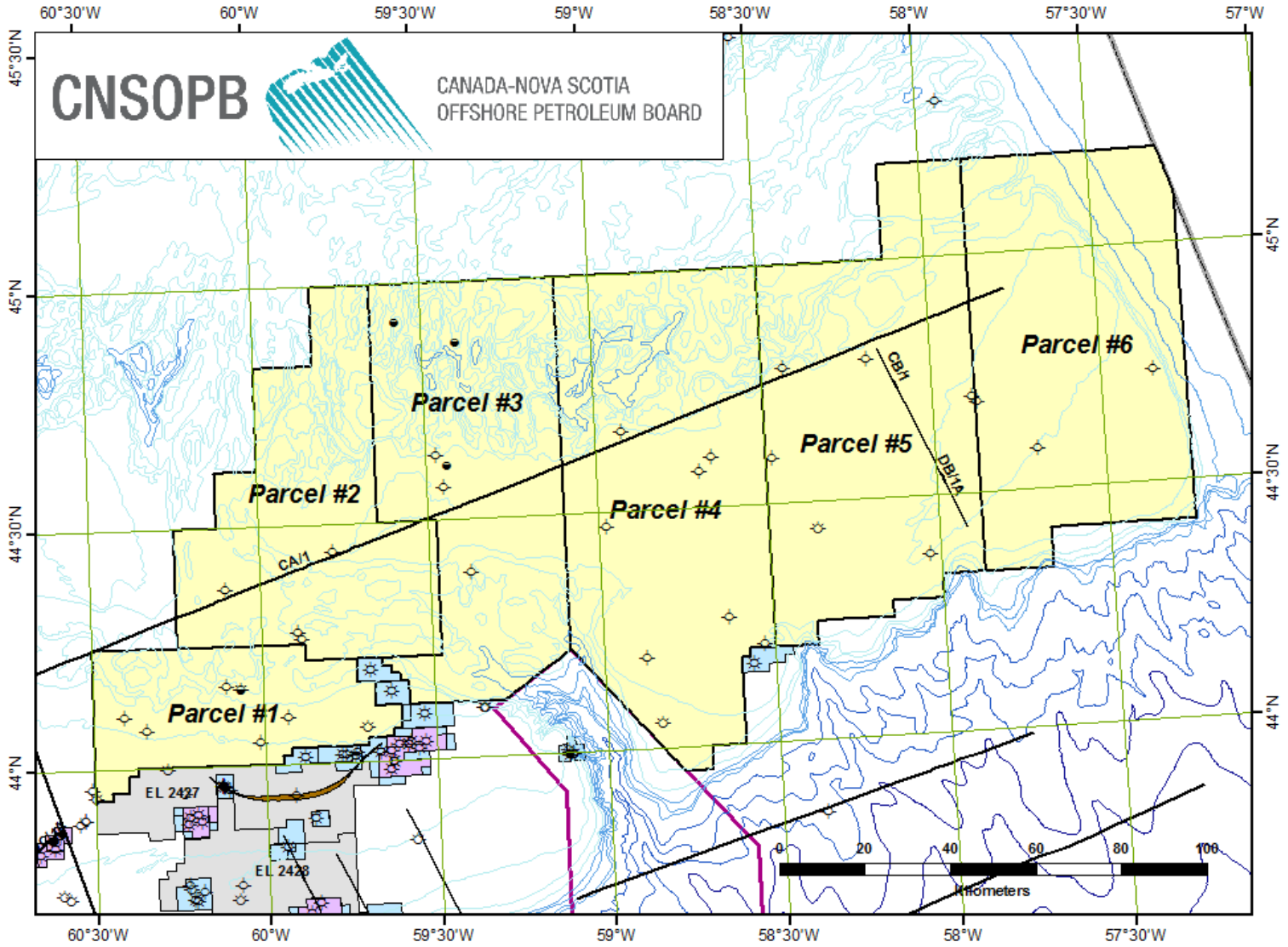


Figure 61: Location Map for 8624-W013-002P

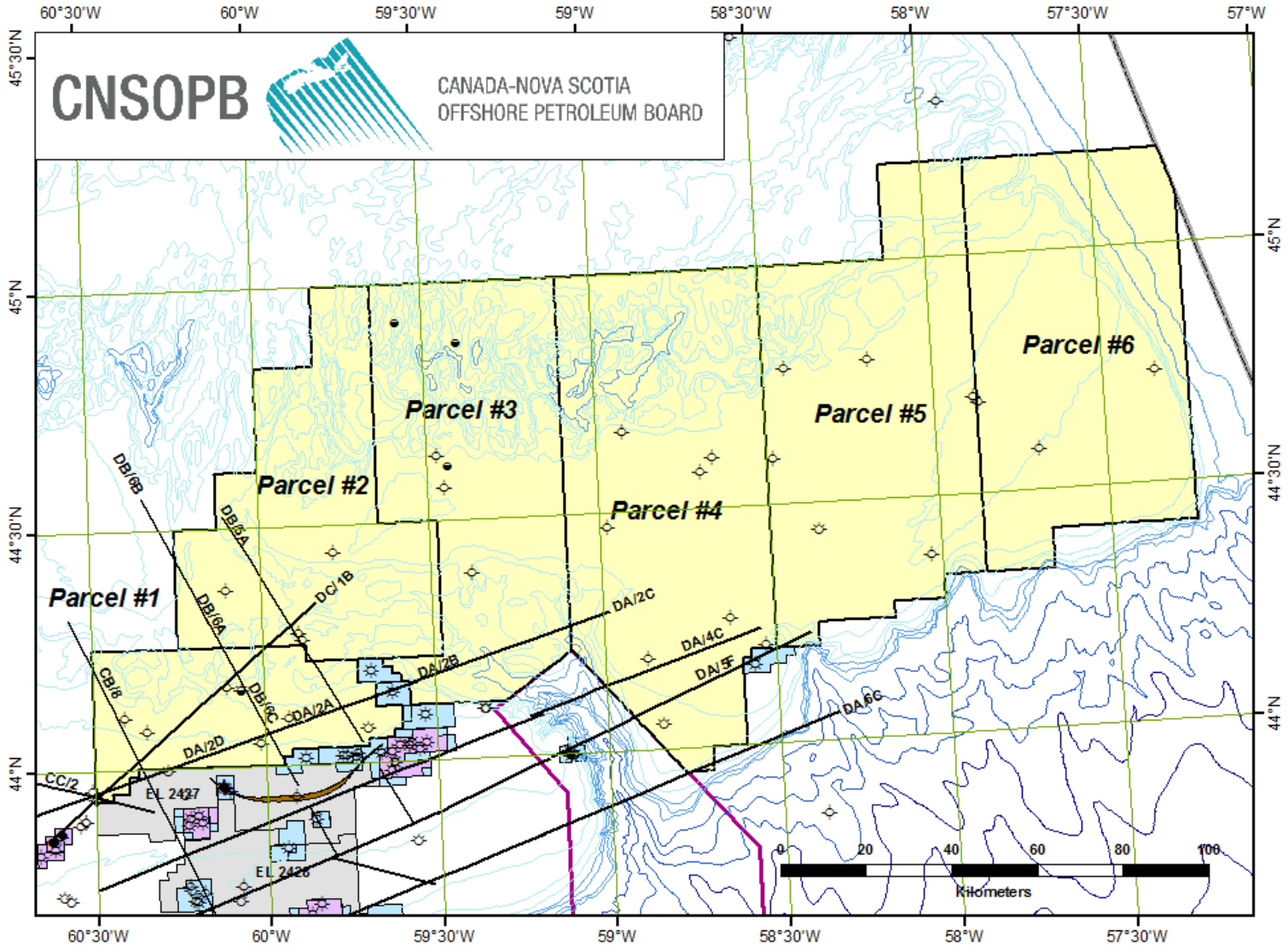


Figure 62: Location Map for 8624-W013-005P

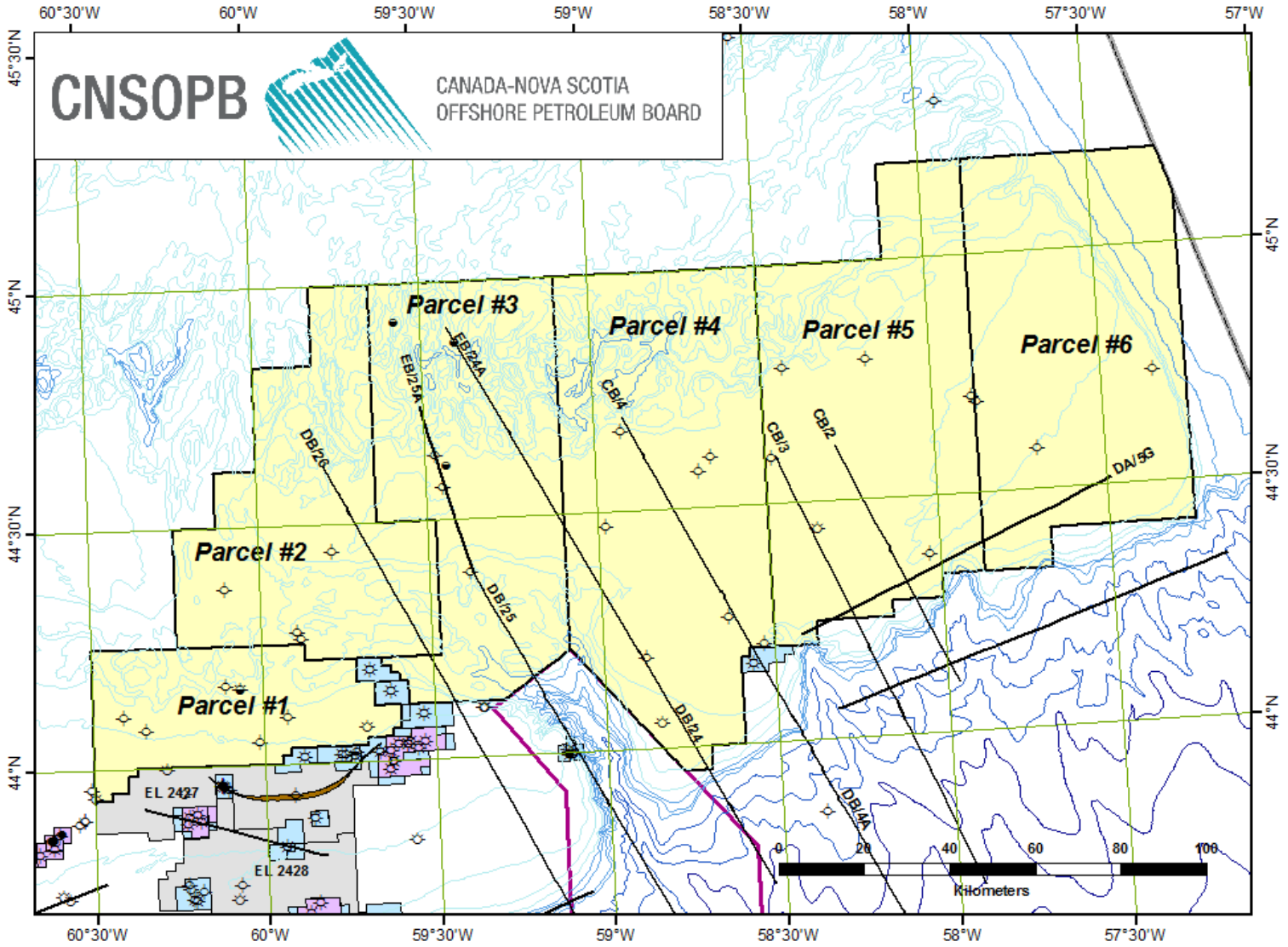
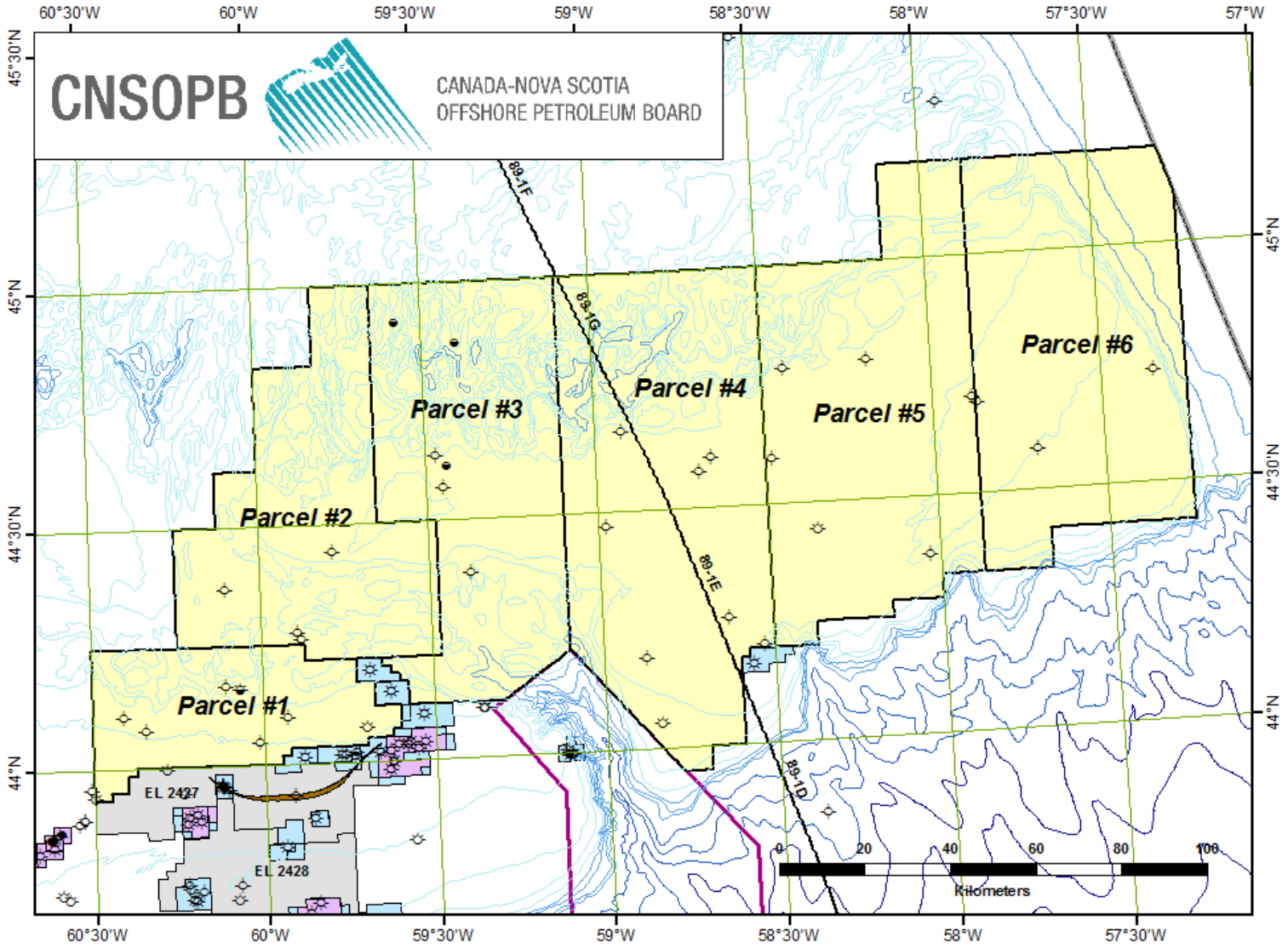


Figure 63: Location Map for Lithoprobe 1989



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