

# **UNIT SEARCH**

## **Detailed Descriptions**

## TABLE OF CONTENTS

	<b><u>Page</u></b>
Introduction	3
Unit Search	5
Unit Search by Client ID	12
Mineral Resources Agreement Types Table UNITTYPE	15
Mineral Resources Entity Status Types Table ENSTATS	15
Abbreviations & Acronym's	15
Appendix 1 - LSAS Land Formats	16

# **LSAS - MINERAL RESOURCES SEARCHES**

## **INTRODUCTION**

The Land Status Automated System (LSAS) forms the official departmental record of all instruments recorded, pursuant to the Mines and Minerals Act, that grant or reserve rights to a crown mineral. The Mineral Subsystem of LSAS is maintained and administered by Alberta Department of Energy, Crown Land Data Support.

Land Status Automated System (LSAS) is a computerized database system that provides information on Public Lands (surface) and Crown Minerals in Alberta. This data is essential to the management of agreements that cover crown resources. Data is retrieved through computer terminals distributed throughout Energy, Sustainable Resource Development and other provincial Government departments. Crown Land Data Support is responsible for updating corporate data and training as well as system maintenance and development in conjunction with the system analysts. The powerful automated database of LSAS permits the departments using land data to better serve the needs of the public.

The primary applications of the system are: (a) to provide access to accurate and timely information relating to public land, and surface and mineral interests on crown land. This is provided through direct terminal access for government agencies. The Public sector can access this data by the provision of hard copy reports on request or access to the Electronic Transfer System (ETS) which provides search capabilities through the internet. And (b) to support the data capture requirements of government departments through the input and maintenance of their data, e.g. all activities and land for Sustainable Resource Development, mineral agreements for Alberta Department of Energy.

Examples of the administrative processes supported by LSAS are: access to Public land standing information, data recording and maintenance, application approval, disposition review and statistical/management reporting.

The data components include:

- (a) clients - all clients having an interest in Public Lands or Crown Minerals;
- (b) activities - all surface dispositions, mineral agreements, etc.;
- (c) land - all Alberta township land and public subdivided land defined by a plan, block, lot reference.
- (d) geo administrative areas - such as provincial parks, special areas, etc.

Searches described in this book.

- 1) Unit Search
- 2) Unit Search by Client ID

This publication provides samples of these search formats available from the Mineral subsystem, the applicable fees and explanations of the various data fields contained within each report.

**All agreements and data displayed within these samples are for illustrative purposes only. All persons making use of this publication are advised that the material does not have any legislative or official government sanction, and accordingly is not binding in any way upon the Government of Alberta, and, in particular, ALBERTA DEPARTMENT OF ENERGY**

These searches are available upon request from:

ALBERTA DEPARTMENT OF ENERGY /Crown Land Data Support

3<sup>rd</sup> Floor 9945 – 108 Street  
Edmonton, Alberta, Canada T2P 3W2  
TELEPHONE: (780) 422 - 5727  
E-mail inquiries can be sent to:  
[crownlanddatasupport@gov.ab.ca](mailto:crownlanddatasupport@gov.ab.ca)

Or from the

Electronic Transfer System (ETS) at [WWW.energy.gov.ab.ca](http://WWW.energy.gov.ab.ca)

## UNIT SEARCH

This report will give detailed information about the requested Unit. A unit establishes a relationship between lessees and lessors to operate a group of leases for the recovery of Oil and Gas, as a single consolidated unit without regard to separate ownerships. A unit search provides details, which are registered in the LSAS system

- 1) Request Requirements  
  
Unit Number or Unit Name  
e.g., 085 001 or Stettler Unit D2
  
- 2) Report sort  
  
Sorted by unit type and number
  
- 3) Fee  
  
\$ 6.00 per Unit, maximum of 30 units per request

Note:

Unit information can also be obtained through the Mineral Land Index or Mineral Land Index by Client Id.

DRD-LSAS  
REPORT DATE: 2005-01-01 TIME: 14:16:47

LAND STATUS AUTOMATED SYSTEM  
PARAMETERS FOR 232D UNIT SEARCH

LSRCCBAN  
PAGE 1

----- ADHOC REPORT SUBMISSION OPTION PARAMETERS -----

REQUESTED BY USER: LSASI31 NOTIFY: SEARCH JOB CREATION TIME: 14:12:42

PRINTER: TERXXX  
PRIORITY: HIGH (IMMEDIATE)  
COPIES: 01  
BURST: N  
REPORT TYPE: D

----- PARAMETER SELECTION -----

UNIT NAME STETTLER NISKU (D-2) UNIT  
UNIT STATUS CODE(S) ENSTATS  
UNIT TYPE CODE(S) LSCTUNDS  
UNIT/PE EFFECTIVE DATE FROM  
UNIT/PE EFFECTIVE DATE TO  
UNIT TYPE SORT ONLY  
UNIT NUMBER SORT ONLY

----- SORT BREAK CRITERIA -----

ELEMENT NAME SORT LEVEL  
UNIT TYPE 1  
UNIT NUMBER 2

\*\*\* END OF PARAMETER LIST \*\*\*

DRD-LSAS  
REPORT DATE: 2005-01-01 TIME: 14:17:17

LAND STATUS AUTOMATED SYSTEM  
UNIT SEARCH

LFAS2320  
PAGE = 1

UNIT TYPE	UNIT NUMBER	STATUS	STATUS DESCRIPTION	EFFECTIVE DATE	EXECUTION DATE	TERMINATION DATE
085	11	5	ACTIVE	1957-03-01	1957-03-01	

TOTAL NUMBER OF UNITS SELECTED: 1

LAND STATUS AUTOMATED SYSTEM  
UNIT SEARCH

DRD-LSAS  
REPORT DATE: 2005-01-01 TIME: 14:17:33

LFAS2320  
PAGE 1

1 UNIT TYPE: 085 UNIT-PET AND NG INTEREST UNIT NUMBER: 11 STETTLER NISKU (D-2) UNIT  
STATUS: 5 ACTIVE  
UNIT OPERATOR: 802-8595 001 BEARSPAW PETROLEUM LTD  
6712 FISHER ST SE SUITE 80  
CALGARY ALBERTA T2H 2A7

CLIENT STATUS: ACTIVE  
EXECUTION DATE: 1957-03-01  
EFFECTIVE DATE: 1957-03-01 LAST UPDATE DATE: 1997-07-08  
CROWN ROYALTY INTEREST: 56.3001000 % FREEHOLD ROYALTY INTEREST: 43.6999000 %  
PRODUCTION ENTITY TYPE: 4 UNIT

2----- CURRENT PARTICIPANTS -----

CLIENT ID	RELATION	STATUS	INTEREST
000-0820 001	OWNER	5 ACTIVE	79.8502000
NORCEN ENERGY RESOURCES LIMITED			
801-2981 001	OWNER	5 ACTIVE	7.6048000
CHAIR HOLDINGS LIMITED			
802-4227 001	OWNER	5 ACTIVE	2.5106000
FLETCHER CHALLENGE ENERGY CANADA INC.			
803-3613 001	OWNER	5 ACTIVE	5.4769000
EBOC ENERGY LTD			
803-3630 001	OWNER	5 ACTIVE	4.5575000
ATLANTIC ENERGY LTD			

3----- REMARKS -----

REMARK TYPE	DESCRIPTION
30	UNIT REVISION DATE EXHIBIT "A" REVISED 1993/12/01.
32	UNIT EXHIBIT "C" NO EXHIBIT "C" WELL FOR THIS UNIT

LAND STATUS AUTOMATED SYSTEM  
UNIT SEARCH

DRD-LSAS  
REPORT DATE: 2005-01-01 TIME: 14:17:33

LFAS2320  
PAGE 2

UNIT TYPE: 085 UNIT-PET AND NG INTEREST UNIT NUMBER: 11 STETTLER NISKU (D-2) UNIT

4----- A G R E E M E N T S / U N I T S -----

AGREEMENT ID AGREEMENT TYPE DESCRIPTION PRODUCTION ENTITY

AGREEMENT ID	AGREEMENT TYPE DESCRIPTION	PRODUCTION ENTITY
001 22053	PNG LEASE	79396 0
22054		79396 0
22055		79396 0
22056		79396 0
22057		79396 0
22058		79396 0
22059		79396 0
22062		79396 0
23815		79396 0

5----- L A N D / Z O N E D E S C R I P T I O N -----

LAND DESCRIPTION:

4-20-038: 2NW;3N,SE,L5,L6;4L16;9NE,L1,L8;10;11;14;15;16E;20L15,L16;21NE,L1,L7,L8,L13;22;23W;26SW;27;28E,L3,L4,L6,L11,  
L14E;29L1,L2

PETROLEUM AND NATURAL GAS IN THE NISKU FM

6 \*\*\*\*\*  
\* THIS SEARCH IS PROVIDED ON THE CONDITION AND UNDERSTANDING THAT HER MAJESTY THE QUEEN IN RIGHT OF ALBERTA IS IN \*  
\* NO WAY RESPONSIBLE FOR LOSS OR DAMAGE ARISING FROM ANY ERRORS OR OMISSIONS IN THIS SEARCH AND ANY PERSON MAKING \*  
\* USE OF OR RELYING IN ANY WAY ON THIS SEARCH HEREBY RELEASES HER MAJESTY THE QUEEN IN RIGHT OF ALBERTA FROM ANY \*  
\* LIABILITY FOR SUCH LOSS OR DAMAGE. \*  
\*\*\*\*\*

\*\*\* END OF UNIT \*\*\*  
\*\*\* END OF REPORT \*\*\*

# **UNIT SEARCH DATA FIELDS**

## **1 REPORT HEADING**

REPORT DATE AND TIME: Date and time Unit Search was generated by the Land Status Automated System (LSAS).

UNIT TYPE/NUMBER: The first three characters identifies the unit type. The remaining characters are a unique agreement number assigned by the Department of Energy. (See table UNITYTYPE)

UNIT NAME: Name of unit filed within the Department of Energy.

STATUS: Describes the current standing of the unit. e.g., active, cancelled. (See table ENSTATS)

UNIT OPERATOR: Name and postal address that has been submitted by the unit participants and registered in the division as the address where all correspondence relating to the unit is to be forwarded.

CLIENT STATUS: Describes status of client, e.g., Active, Liable for Strike Off, Struck Off, In Receivership, In Liquidation.

EXECUTION DATE: The date that the Department of Energy signs the agreement.

EFFECTIVE DATE: The date that a unit became effective and is assigned a production entity number.

LAST UPDATE DATE: The last time any data field was updated in the unit.

CROWN ROYALTY INTEREST: The percentage of crown royalty interest.

FREEHOLD ROYALTY INTEREST: The percentage of freehold royalty interest.

PRODUCTION ENTITY TYPE: Describes the type of production entity, e.g. Unit.

## **2 CURRENT PARTICIPANTS**

CLIENT ID: Is the client identifier assigned to a unique company or individual name and their address, which is stored in LSAS client registry.

RELATION: Describes relationship of participant to the unit, e.g., owner.

STATUS: Describes status of client, e.g., Active, Liable for Strike Off, Struck Off, In Receivership, In Liquidation.

INTEREST: Specified undivided interest in the unit agreement in percentages or fractions.

NAME: Name(s) of registered lessee(s).

### **3 REMARKS**

REMARK TYPE: Describes the type of textual information in a remark.

DESCRIPTION: Describes the remark type.

### **4 AGREEMENTS / UNITS**

AGREEMENT ID: The first three characters identifies the agreement type, e.g., agreements. The remaining characters are a unique agreement number assigned by the Department of Energy.

AGREEMENT TYPE DESCRIPTION: Describes the type of agreement.

PRODUCTION ENTITY: A unique number, for the purpose of collecting royalties, that has been assigned by Mineral Revenues to identify producing PNG wells that are within an approved operation, e.g., unit, project, block.

### **5 LAND / ZONE DESCRIPTION**

LAND DESCRIPTION: Describes unitized lands by meridian, range, township, section(s) and part of section(s) (see LSAS Land Formats).

SUBSTANCE / ZONES: Describes substance(s) and zone(s), which are unitized.  
e.g. petroleum and natural gas in Mannville.

### **6 DISCLAIMER**

## **UNIT SEARCH BY CLIENT ID**

This report will provide all Unit information for the requested client id(s). The report information is the same as the Mineral Agreement Search.

1) Request Requirements

Client Id or Client name.

2) Report sort

Sorted by Client Id

3) Fee

\$ 30.00 per request, maximum of 6 Client ids

Note:

Unit information can also be obtained through the Mineral Land Index or Mineral Land Index by Client Id.

LAND STATUS AUTOMATED SYSTEM  
DRD-LSAS PARAMETERS FOR 234D UNIT SEARCH BY CLIENT ID  
REPORT DATE: 2005-01-01 TIME: 14:29:12

LSRCCBAN  
PAGE = 1

----- ADHOC REPORT SUBMISSION OPTION PARAMETERS -----  
REQUESTED BY USER: LSASI31 NOTIFY: \*\*\*\*\* JOB CREATION TIME: 14:28:21

PRINTER: TERXXX  
PRIORITY: HIGH (IMMEDIATE)  
COPIES: 01  
BURST: N  
REPORT TYPE: S

----- PARAMETER SELECTION -----  
CLIENTS/CLIENT ADDRESSES (ALL) 8028595 001  
INCLUDE AGREEMENTS N

----- SORT BREAK CRITERIA -----  
ELEMENT NAME SORT LEVEL  
CLIENTS/CLIENT ADDRESSES 1  
SORT LEVEL FROM WHICH BREAKS OCCUR: 1  
\*\*\* END OF PARAMETER LIST \*\*\*

### SUMMARY SHOWN

To see the detail information, Please see the Unit Search

LAND STATUS AUTOMATED SYSTEM  
DRD-LSAS UNIT SEARCH BY CLIENT ID  
REPORT DATE: 2005-01-01 TIME: 14:29:38

LFAS234S  
PAGE = 1

UNIT TYPE	UNIT NUMBER	STATUS	STATUS DESCRIPTION	EFFECTIVE DATE	EXECUTION DATE	TERMINATION DATE	PRODUCTION ENTITY ID	CLIENT ID
085	11	5	ACTIVE	1957-03-01	1957-03-01		79396 0	802-8595 001

TOTAL NUMBER OF UNITS SELECTED: 1  
ABOVE TOTALS FOR THE SORT SEQUENCE:

CLIENT ID # 802-8595 001 CLIENT NAME : BEARSPAW PETROLEUM LTD

TOTAL NUMBER OF UNITS SELECTED: 1

\*\*\* END OF REPORT \*\*\*

## **UNIT SEARCH BY CLIENT ID DATA FIELDS**

### **REPORT HEADING**

**REPORT DATE AND TIME:** Date and time Unit Search was generated by the Land Status Automated System (LSAS).

**UNIT TYPE / NUMBER:** The first three characters identifies the unit type. The remaining characters are a unique agreement number assigned by the Department of Energy. (see table UNITYTYPE)

**STATUS & STATUS DESCRIPTION:** Describes the current standing of the unit. e.g., active, cancelled (see table ENSTATS).

**EFFECTIVE DATE:** The date that a unit became effective and is assigned a production entity number.

**EXECUTION DATE:** The date that the Department of Energy signs the agreement.

**TERMINATION DATE:** The date a unit agreement is terminated.

**PRODUCTION ENTITY ID:** A unique number, for the purpose of collecting royalties, that has been assigned by Mineral Revenues to identify producing PNG wells that are within an approved operation, e.g., unit, project, block.

**CLIENT ID:** Is the client identifier assigned to a unique company or individual name and their address, which is stored in LSAS client registry.

### **CURRENT PARTICIPANTS**

**CLIENT ID:** Is the client identifier assigned to a unique company or individual name and their address, which is stored in LSAS client registry.

**NAME:** Name(s) of unit participants.

**TABLE NAME: UNITTYPE      DESCRIPTION: UNIT TYPES**

CODE VALUE	DECODE VALUE
A85	APPL-PETROLEUM AND NATURAL GAS UNIT
A86	APPL-PETROLEUM UNIT
A87	APPL-NATURAL GAS UNIT
A88	APPL-PRODUCTION ALLOCATION UNIT
A89	APPL-NATURAL GAS STORAGE UNIT
085	PETROLEUM AND NATURAL GAS UNIT
086	PETROLEUM UNIT
087	NATURAL GAS UNIT
088	PRODUCTION ALLOCATION UNIT
089	NATURAL GAS STORAGE UNIT

**TABLE NAME: ENSTATS      DESCRIPTION: ENTITY STATUS**

STATUS TYPE	DESCRIPTION
A	Application
I	Inactive
R	EUB reference
U	Unit draft
1	Well added by LSAS
2	EUB Interim delete
3	Encumbrance interim complete discharge
4	Encumbrance confirmed complete discharge
5	Active
6	Expired/Terminated
7	Cancelled
8	Interim delete
9	Deleted

**Abbreviations & Acronym's**

AEUB	Alberta Energy and Utilities Board (also EUB)
CORES	Corporate Registry
DOE	Department of Energy
DRRZD	Deeper Rights Reversion Zone Designation
ETS	Electronic Transfer System
EUB	Energy and Utilities Board (also AEUB)
GEO	Geophysical
GLC	General Land Classification
LE LS SC TWP RG M E	legal event-legal-section-township-range-meridian-event sequence
LSAS	Land Status Automated System
LSD	legal subdivision (also LS)
LTO	Land Titles Office
M	Meridian
PBL	Plan Block Lot
PNG/P&NG	Petroleum and Natural Gas
PRA	Petroleum Registry of Alberta
R	Range
SEC	Section
SU	Spacing Unit
TWP	Township
ZD	Zone Designation

# LSAS LAND FORMATS

MERIDIAN-RANGE-TOWNSHIP:SECTION (S)

5 - 1 - 67

TOWNSHIP

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

5 - 1 - 67

OR

5 - 1 - 67 : 1 - 36

31	32	33	34	35	36
30	29	28	27	26	25
19	<del>20</del>	21	22	23	24
18	17	16	<del>15</del>	14	13
7	8	9	10	11	12
6	5	<del>4</del>	<del>3</del>	<del>2</del>	<del>1</del>

5 - 1 - 67 : 1 - 4; 15; 20

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	<del>1</del>

5 - 1 - 67 : 1

# LSAS LAND FORMATS

TOWNSHIP

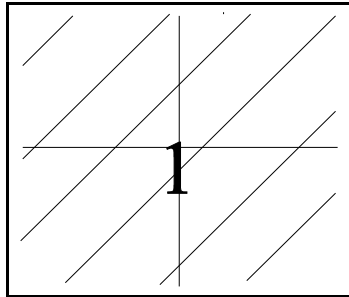
MERIDIAN-RANGE-TOWNSHIP:SECTION LEGAL

5 - 1 - 67 : 1

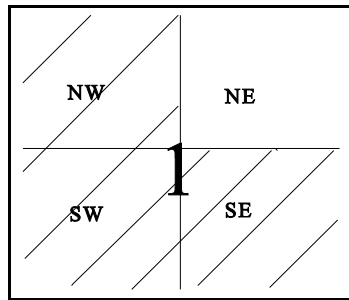
31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

5 - 1 - 67 : 1

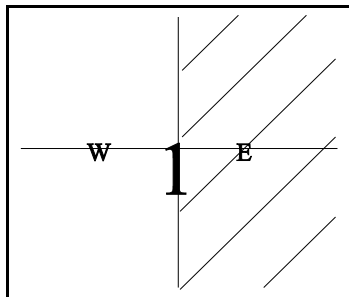
SECTION



5 - 1 - 67  
(256 HECTARES)



5 - 1 - 67 : 1S,NW  
(192 HECTARES)



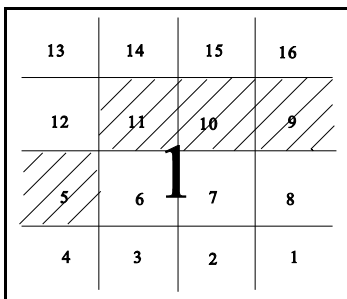
5 - 1 - 67 : 1E  
(128 HECTARES)

# LSAS LAND FORMATS

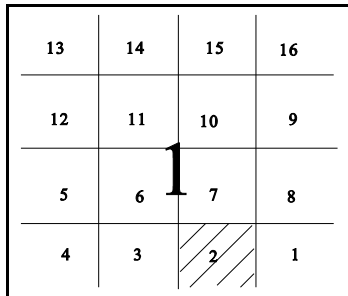
MERIDIAN-RANGE-TOWNSHIP:SECTION LEGAL

5 - 1 - 67 : 1

**5 - 1 - 67 : 1**  
SECTION



5 - 1 - 67 : 1L5, L9-11  
(64 HECTARES)  
4 LEGAL SUBDIVISIONS



5 - 1 - 67 : 1L2  
(16 HECTARES)

# LSAS LAND FORMATS

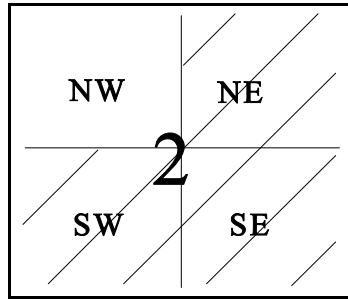
MERIDIAN-RANGE-TOWNSHIP : SECTION LEGAL

5 - 1 - 67 : 1 L2

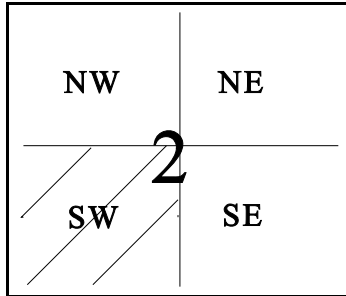
SECTION

13	14	15	16
12	11	10	9
5	6	7	8
4	3	2	1

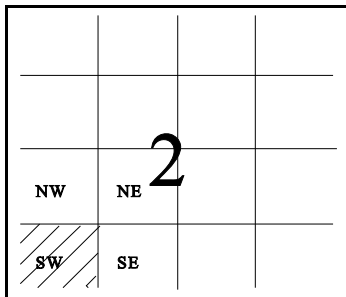
LEGAL SUBDIVISION



5 - 1 - 67 : 1L2S,L2NE  
(12 HECTARES)



5 - 1 - 67 : 1L2SW  
(4 HECTARES)  
QUADRANT



5 - 1 - 67 : 1LSWSW  
(1 HECTARE )  
QUARTER QUADRANT

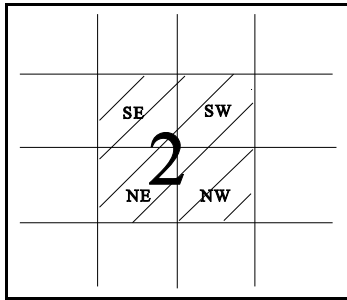
# LSAS LAND FORMATS

MERIDIAN-RANGE-TOWNSHIP:SECTION LEGAL

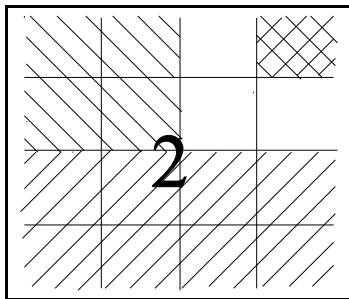
5 - 1 - 67 : 1 L2

5 - 1 - 67 : 1L2

SECTION



5 - 1 - 67 : 1L2SE, L2SWNE  
L2NWSE, L2NESW



5 - 1 - 67 : 1L2S, L2NW, L2NENE