

BLOCK /PROJECT SEARCH

Detailed Descriptions

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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 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) PSU Block Project Search

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

For further information or to request searches, please contact

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Edmonton, Alberta, Canada T2P 3W2
TELEPHONE: (780) 422 - 5727
E-mail inquiries can be sent to:
crownlanddatasupport@gov.ab.ca

Or from the

Electronic Transfer System (ETS) at WWW.energy.gov.ab.ca

MINERAL PSU BLOCK PROJECT SEARCH

This report will provide PSU Block Project id information which includes; the production entity number and name, status and description, various dates, field id, pool id, area (ha), substance, crown percentage, freehold percentage, land description, agreement types and numbers, wells.

- 1) Request Requirements.
PSU Block Project id (s)
- 2) Report Sort.
Sorted by PSU Block Project id(s)
- 3) Fee.
\$6.00 per PSU Block Project id.
A maximum of 10 PSU Block Project id(s) can be entered per request

1

REQ: R0875205 ACCT: EN0166
REPORT DATE: 2005-01-01 TIME: 13:11:33

LAND STATUS AUTOMATED SYSTEM
PSU, BLOCK, PROJECT, ETC. SEARCH

LSMC202D
PAGE 1

PRODUCTION ENTITY NUMBER: 01253 0
PRODUCTION ENTITY NAME : VIRGO KEG RIVER Z2Z PROJECT NO 1
PRODUCTION ENTITY STATUS: 5 ACTIVE
PRODUCTION ENTITY TYPE: 3 PROJECT

EFFECTIVE DATE: 1987-07-01
AMENDMENT DATE:
CANCELLATION DATE:
LAST UPDATE DATE: 1987-09-16

FIELD ID: 0926 VIRGO
POOL ID: 0788152 KEG RIVER Z2Z
FIELD TYPE: 01 PETROLEUM

SUBSTANCE TYPE: 01 PETROLEUM
CROWN PERCENTAGE: 100.000000
AREA (HECTARES): 64.0000
FREEHOLD PERCENTAGE: 0.000000

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

LAND ID	SECTION	DESCRIPTION
-----	-----	-----
6-05-115	4	NE

3----- W E L L S -----

WELL ID	WELL STATUS	WELL STATUS DESCRIPTION
-----	-----	-----
00/10-04-115-05W6/0	06 00 03 00 00	WATER INJ
02/10-04-115-05W6/0	01 03 00 00 00	CR-OIL ABZONE

4----- A G R E E M E N T S -----

AGREEMENT ID	AGREEMENT TYPE DESCRIPTION
-----	-----
001 129369A	PNG LEASE

REQ: R0875205 ACCT: EN0166
REPORT DATE: 2005-01-01 TIME: 13:11:33

LAND STATUS AUTOMATED SYSTEM
PSU, BLOCK, PROJECT, ETC. SEARCH

LSMC202D
PAGE 2

PRODUCTION ENTITY NUMBER: 01253 0

PRODUCTION ENTITY TYPE: 3 PROJECT

CONTINUED . . .

5

* 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 REPORT ***

Data Fields Within the Mineral PSU, Block Project Search

1 REPORT HEADING

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

PRODUCTION ENTITY NUMBER: 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., block, project

PRODUCTION ENTITY TYPE: Describes the production entity type, e.g., production spacing unit (PSU), Block, project

PRODUCTION ENTITY NAME: Name of the PSU/Block/Project.

PRODUCTION ENTITY STATUS: Describes the current standing of the PSU/Block/Project.

EFFECTIVE DATE: Date that the Production Entity became effective. Format YYYY/MM/DD

AMENDMENT DATE: Date last amendment was effective.

LAST UPDATE DATE: Last date any data field was updated on the Production Entity.

CANCELLATION DATE: Effective date of cancellation by EUB.

FIELD ID/NAME: A unique 4 digit code and name assigned by EUB to each Field.

FIELD TYPE: Describes the type of PSU/Block/Project.

POOL ID/NAME: A unique code and name assigned by EUB to each Pool within the specific field.

SUBSTANCE TYPE: Describes the substance of the PSU/Block/Project Example, NG = natural gas.

AREA: PSU/Block/Project area in Hectares.

CROWN PERCENTAGE: Percentage of Crown land within the PSU/Block/Project. Utilized to calculate Royalty.

FREEHOLD PERCENTAGE: Percentage of Freehold land within the PSU/Block/Project. Utilized to calculate Royalty.

2 LAND / ZONE DESCRIPTION

LAND ID: Describes the lands by meridian, range, township, (See LSAS Land Formats).

SECTION: Describes the lands by section(s), (See LSAS Land Formats).

DESCRIPTION: Describes the lands by part of section(s), (See LSAS Land Formats).

3 WELLS

Wells included within the PSU/Block/Project.

WELL ID: A unique well identifier which provides the approximate geographical location of the bottom of a drill hole.

WELL STATUS: Numeric status code of the well.

WELL STATUS DESCRIPTION: Describes the current status of the well.

4 AGREEMENTS

Agreements which intersect and are affected by the PSU/Block/Project.

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

AGREEMENT TYPE DESCRIPTION: Description of the agreement type (see table AGRTYPE).

5 DISCLAIMER

TABLE NAME: AGRTYPE DESCRIPTION: AGREEMENT TYPES

CODE VALUE	DECODE VALUE
AAZ	GAS OFFSET
AAZ	OIL OFFSET
A04	APPL-5 YEAR PLAINS PETROLEUM AND NATURAL GAS LEASE
A05	APPL-5 YEAR NORTHERN PETROLEUM AND NATURAL GAS LEASE
A06	APPL-5 YEAR FOOTHILLS PETROLEUM AND NATURAL GAS LEASE
A10	APPL-NATURAL GAS AND PETROLEUM LEASE
A13	APPL-COAL LEASE
A14	APPL-COAL ROAD ALLOWANCE LEASE
A19	APPL-QUARRYING LEASE/QUARRIABLE MINERAL LEASE
A25	APPL-SALT LEASE
A27	APPL-SODIUM SULPHATE LEASE
A28	APPL-QUARTZ MINERAL LEASE/METALLIC MINERAL LEASE
A36	APPL-NATURAL GAS STORAGE AGREEMENT
A37	APPL-SPECIAL MINERAL LEASE
A42	APPL-OTHER AGREEMENT
A66	APPL-OIL SANDS PROSPECTING PERMIT
A67	APPL-GOLD RECOVERY PERMIT
A68	APPL-QUARTZ/METALLIC MINERALS EXPLORATION PERMIT
A69	APPL-PHOSPHATE EXPLORATION AGREEMENT
A70	APPL-OIL SANDS PERMIT
A71	APPL-OIL SANDS LEASE
A72	APPL-OIL SANDS LEASE
A73	APPL-OIL SANDS LEASE
A74	APPL-OIL SANDS LEASE
A90	APPL-PLACER MINERAL LEASE
A91	APPL-AMMONITE SHELL AGREEMENT
A93	APPL-METALLIC AND INDUSTRIAL MINERALS PERMIT
A94	APPL-METALLIC AND INDUSTRIAL MINERALS LEASE
A95	APPL-CERTIFICATE OF RECORD-QUARTZ MINERALS
A96	APPL-METALLIC AND INDUSTRIAL MINERALS SECONDARY LEASE
P04	POST-5 YEAR PLAINS PETROLEUM AND NATURAL GAS LEASE
P05	POST-5 YEAR NORTHERN PETROLEUM AND NATURAL GAS LEASE
P06	POST-5 YEAR FOOTHILLS PETROLEUM AND NATURAL GAS LEASE
P13	POST-COAL LEASE
P53	POST-2 YEAR PLAINS PETROLEUM AND NATURAL GAS LICENCE
P54	POST-4 YEAR NORTHERN PETROLEUM AND NATURAL GAS LICENCE
P55	POST-5 YEAR FOOTHILLS PETROLEUM AND NATURAL GAS LICENCE
P70	POST-OIL SANDS PERMIT
P74	POST-OIL SANDS LEASE
P93	POST-METALLIC AND INDUSTRIAL MINERALS PERMIT
WAG	WELL ACID GAS
WDI	WELL DISPOSAL/INJECTION
WOB	WELL OBSERVATION
WOH	WELL OVER HOLE
WRD	WELL ROAD ALLOWANCE
WRE	WELL RE-ENTRY
WWS	WELL WATER SOURCE

CODE VALUE	DECODE VALUE
001	PETROLEUM AND NATURAL GAS LEASE
002	NATURAL GAS LEASE
003	PETROLEUM LEASE
004	5 YEAR PLAINS PETROLEUM AND NATURAL GAS LEASE
005	5 YEAR NORTHERN PETROLEUM AND NATURAL GAS LEASE
006	5 YEAR FOOTHILLS PETROLEUM AND NATURAL GAS LEASE
008	BITUMINOUS SANDS LEASE
009	OIL SANDS LEASE
010	NATURAL GAS AND PETROLEUM LEASE
013	COAL LEASE
014	COAL ROAD ALLOWANCE LEASE
019	QUARRYING/QUARRIABLE MINERAL LEASE
025	SALT LEASE
026	IRON LEASE
027	SODIUM SULPHATE LEASE
028	QUARTZ MINERAL LEASE/METALLIC MINERAL LEASE
036	NATURAL GAS STORAGE AGREEMENT
037	SPECIAL MINERAL LEASE
042	OTHER AGREEMENT
045	PETROLEUM AND NATURAL GAS RESERVATION
046	CROWN RESERVE DRILLING RESERVATION
047	COAL EXPLORATION RESERVATION
053	2 YEAR PLAINS PETROLEUM AND NATURAL GAS LICENCE
054	4 YEAR NORTHERN PETROLEUM AND NATURAL GAS LICENCE
055	5 YEAR FOOTHILLS PETROLEUM AND NATURAL GAS LICENCE
056	NATURAL GAS LICENCE
057	CROWN RESERVE NATURAL GAS LICENCE
064	PETROLEUM AND NATURAL GAS PERMIT
065	BITUMINOUS SANDS PROSPECTING PERMIT
066	OIL SANDS PROSPECTING PERMIT
067	GOLD RECOVERY PERMIT
068	QUARTZ/METALLIC MINERALS EXPLORATION PERMIT
069	PHOSPHATE EXPLORATION AGREEMENT
070	OIL SANDS PERMIT
071	OIL SANDS LEASE
072	OIL SANDS LEASE
073	OIL SANDS LEASE
074	OIL SANDS LEASE
075	OIL SANDS LEASE
080	PLACER MINING PERMIT
081	AMMONITE SHELL COLLECTORS PERMIT
090	PLACER MINERAL LEASE
091	AMMONITE SHELL AGREEMENT
092	METALLIC AND INDUSTRIAL MINERALS LICENCE
093	METALLIC AND INDUSTRIAL MINERALS PERMIT
094	METALLIC AND INDUSTRIAL MINERALS LEASE
095	CERTIFICATE OF RECORD - QUARTZ MINERALS
096	METALLIC AND INDUSTRIAL MINERALS SECONDARY LEASE

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

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	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 - 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	1

5 - 1 - 67 : 1

LSAS LAND FORMATS

TOWNSHIP

5 - 1 - 67 :

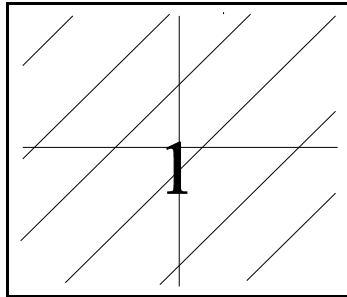
1

MERIDIAN-RANGE-TOWNSHIP:SECTION LEGAL

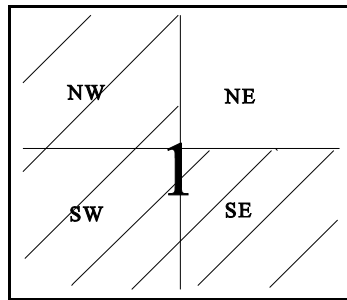
5 - 1 - 67 : 1

SECTION

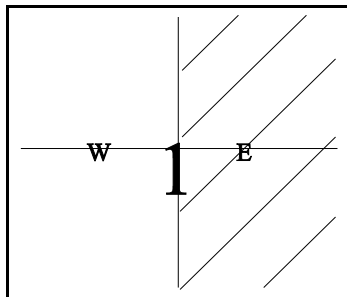
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30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1



5 - 1 - 67
(256 HECTARES)



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



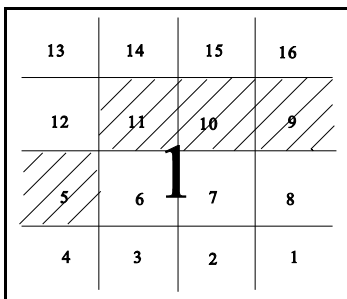
5 - 1 - 67 : 1E
(128 HECTARES)

LSAS LAND FORMATS

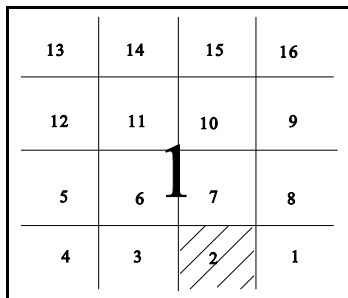
MERIDIAN-RANGE-TOWNSHIP:SECTION LEGAL

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

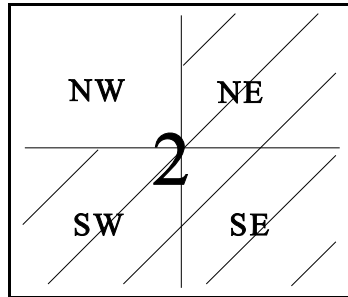
MERIDIAN-RANGE-TOWNSHIP : SECTION LEGAL

5 - 1 - 67 : 1 L2

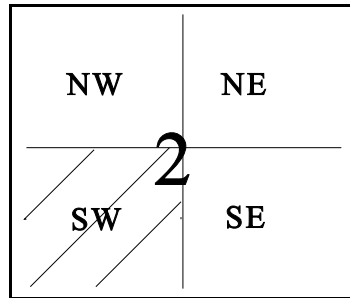
SECTION

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

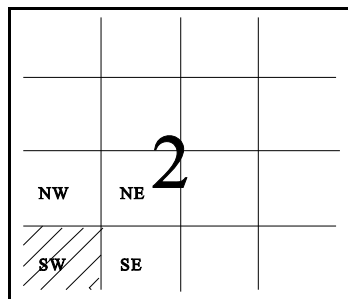
LEGAL SUBDIVISION



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



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



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

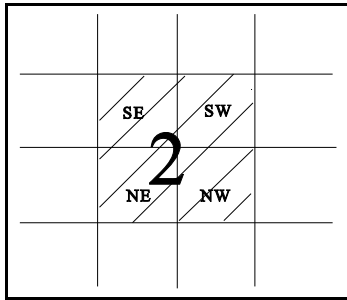
LSAS LAND FORMATS

MERIDIAN-RANGE-TOWNSHIP:SECTION LEGAL

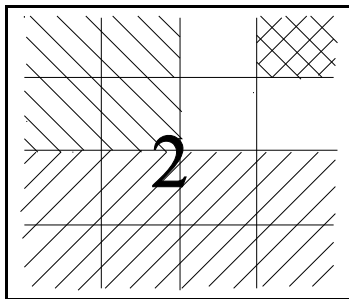
5 - 1 - 67 : 1 L2

5 - 1 - 67 : 1L2

SECTION



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



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

