

2018 FEBRUARY 07

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2018.02.07

| From | To | Total | Area |
|-----------------|-------|-------|-----------------|
| LEASES: A0001 | A0202 | 202 | 47,025.4920 ha. |
| LICENCES: B0203 | B0224 | 22 | 20,916.2000 ha. |
| | | ----- | |
| | | 224 | 67,941.6920 ha. |

PUBLIC OFFERING OF CROWN
PETROLEUM AND NATURAL GAS RIGHTS

BIDDING DEADLINE

Offers to purchase petroleum and natural gas leases and licences (including any subsequent amendments) contained in this notice will **not** be accepted after **12 noon on 2018 February 07**.

HOW TO SUBMIT BIDS

1. E-Bidding is mandatory for the submission of bids for petroleum and natural gas leases and licences.
2. Bid requests must be submitted using the Department of Energy's Electronic Transfer System (ETS).

AMOUNT OF PAYMENT

1. Your total bid includes the bonus, rent at \$3.50/ha or \$50.00, whichever is greater, and a fee of \$625.00.
2. A bonus offer of less than \$2.50/ha for a lease or \$1.25/ha for a licence will not be considered.
3. The department reserves the right to reject any bid.

FORM OF PAYMENT

1. Payments must be made by electronic funds transfer (EFT) only.
2. Companies and individuals that do not have a GST registration number are liable for payment of the Goods and Services Tax on various charges. All registrants must ensure that they provide their GST registration number in writing to the Financial Services Branch @ Fax No. (780) 422-4281.

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account by noon on the day of the sale. It can take up to midnight on the day following the sale to see your funds debited from your bank account for an accepted bid.
2. Requesters of parcels posted in this public offering are expected to bid on their parcels. If you are a requester of a parcel and fail to bid, you will be charged a penalty of \$625.00 (plus GST) for each parcel unless it is purchased by someone else.
3. Attached to this notice are APPENDIX 1 and APPENDIX 2 containing applicable Zone Designations (ZDs) and Deeper Rights Reversion Zone Designations (DRRZDs) respectively (See IL 98-14), and APPENDIX 3 containing, where necessary, addenda relating to surface access and terms and conditions for acquisition of parcels within Metis Settlements (See IL 92-19).
4. Addenda do not cover every access situation. Before bidding ensure that the public land manager is contacted for specific access constraints and for standard operating guidelines for that region. On privately owned lands, access approval is a confidential matter between the landowner and the mineral lessee.
5. The Government of Alberta's *"First Nations Consultation Policy on Land Management and Resource Development"* may apply to surface activities proposed as a result of acquiring Crown mineral rights. For information contact SREM Aboriginal Affairs Branch, Alberta Energy and Environment and Sustainable Resource Development at 780-644-8734.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2018 February 07** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-----------------------|-------------|--|--------------------------|
| --- PLAINS REGION --- | | | |
| A0001 | 128 | 4-16-001: 15N PETROLEUM AND NATURAL GAS | |
| A0002 | 64 | 4-15-006: 34NW PETROLEUM AND NATURAL GAS | |
| A0003 | 256 | | |
| | TRACT ONE | 4-13-012: 19SE PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-13-012: 19NE, L3, L5, L6, L11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD | (DRRZD 8) |
| | TRACT THREE | 4-13-012: 19L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT FOUR | 4-13-012: 19L4, L13, L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| A0004 | 256 | | |
| | TRACT ONE | 4-14-012: 13L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD | (DRRZD 8) |
| | TRACT TWO | 4-14-012: 13N, SE, L3-L5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| A0005 | 256 | | |
| | TRACT ONE | 4-14-012: 25L2, L10, L15 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-14-012: 25L13, L14 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT THREE | 4-14-012: 25L1, L7, L11, L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT FOUR | 4-14-012: 25L8, L9, L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| | TRACT FIVE | 4-14-012: 25SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ARCS MBR | (DRRZD 8) (DRRZD 215) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|-------------|---|-------------|
| A0006 | 256 | | |
| | TRACT ONE | 4-14-012: 36NW, L6, L9, L16 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-14-012: 36L5 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT THREE | 4-14-012: 36L3, L4, L10, L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT FOUR | 4-14-012: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| A0007 | 448 | | (GZR000701) |
| | | 4-13-013: 18; 19S, NW PETROLEUM AND NATURAL GAS | |
| A0008 | 256 | | |
| | TRACT ONE | 4-14-013: 17N, L5-L7 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-14-013: 17L1-L4, L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| A0009 | 256 | | |
| | | 4-14-013: 28N; 33S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0010 | 512 | | |
| | TRACT ONE | 4-14-013: 32 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-14-013: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD | (DRRZD 8) |
| A0011 | 1770.95 | | |
| | TRACT ONE | 4-10-015: 2L9, L10, L16; 8SE; 9SW, L2, L7, L8; 11L9P, L10P, L11, L14P, L15P, L16; 16NW PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY AS SHOWN ON PLAN RY22908. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| | TRACT TWO | 4-10-015: 2NW, L15; 8NE; 9N, L1; 10; 11S, L12, L13; 15SW, NWP, L1P, L2, L7P, L8P, L9, L10P, L15, L16; 16S; 17 PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY AS SHOWN ON PLAN RY22908. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT THREE | 4-10-015: 16L9, L10, L15, L16P PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY AS SHOWN ON PLAN RY22908. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| A0012 | 256 | | |
| | | 4-18-018: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|--|
| A0013 | 256 | 4-18-018: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (HRM002201) (HRV003701) (DRRZD 12) |
| A0014 | 256 | 4-18-018: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (HRM002201) (HRV003701) (DRRZD 4) |
| A0015 | 64 | 4-09-019: 20NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0016 | 192 | 4-10-019: 6N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0017 | 64 | 4-21-019: 23SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0018 | 256 | 4-10-020: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE JUMPING POUND MBR SS | (DRRZD 12) (ZD 265) |
| A0019 | 256 | TRACT ONE 4-10-020: 18S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE JUMPING POUND MBR SS | (DRRZD 12) (ZD 265) |
| | | TRACT TWO 4-10-020: 18NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE JUMPING POUND MBR SS EXCEPTING PETROLEUM AND NATURAL GAS IN THE PEKISKO FM | (DRRZD 12) (ZD 265) (DRRZD 30) |
| A0020 | 256 | 4-11-022: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0021 | 256 | 4-11-022: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BOW ISLAND-COLORADO SH EXCEPTING NATURAL GAS IN THE BSL COLORADO&BLAIRMORE | (DRRZD 12) (ZD 32-1) (ZD 32-1) |
| A0022 | 256 | 4-11-022: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|--------------------------------------|
| A0023 | 256 | 4-11-022: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BOW ISLAND-COLORADO SH EXCEPTING NATURAL GAS IN THE BSL COLORADO&BLAIRMORE | (DRRZD 12) (ZD 32-1) (ZD 32-1) |
| A0024 | 256 | 4-11-022: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0025 | 256 | 4-12-022: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0026 | 256 | 4-12-022: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0027 | 256 | 4-12-022: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BOW ISLAND-COLORADO SH EXCEPTING NATURAL GAS IN THE BSL COLORADO&BLAIRMORE | (DRRZD 12) (ZD 32-1) (ZD 32-1) |
| A0028 | 256 | 4-13-022: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0029 | 256 | 4-13-022: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0030 | 256 | 4-13-022: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0031 | 256 | 4-13-022: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0032 | 256 | 4-13-022: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0033 | 256 | 4-13-022: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0034 | 256 | 4-14-022: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0035 | 64 | 4-14-022: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (HRV003701) (DRRZD 13) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|---|
| A0049 | 256 | 4-14-023: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE | (HRV003701) (DRRZD 273) |
| A0050 | 256 | 4-14-023: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (HRV003701) (DRRZD 12) |
| A0051 | 252.4 | 4-14-023: 7S, NE, L11, L12, L13P, L14 PORTION(S) LYING TO THE EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/04/29. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (HRV003701) (DRRZD 12) |
| A0052 | 16.4 | 4-14-023: 31EP PORTION(S) LYING TO THE EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/04/29. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (HRV003701) (DRRZD 12) |
| A0053 | 64 | 4-13-024: 35SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLORADO GRP EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP | (DRRZD 11) (DRRZD 4) (ZD 7-1) (ZD 7-1) |
| A0054 | 48 | 4-13-024: 35L3, L11, L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLORADO GRP EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP | (DRRZD 4) (ZD 7-1) (ZD 7-1) |
| A0055 | 64 | 4-13-024: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLORADO GRP EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP | (DRRZD 11) (DRRZD 4) (ZD 7-1) (ZD 7-1) |
| A0056 | 32 | 4-13-024: 36L3, L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLORADO GRP EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP | (DRRZD 11) (DRRZD 4) (ZD 7-1) (ZD 7-1) |
| A0057 | 64 | 4-13-024: 36NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLORADO GRP EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP | (DRRZD 11) (DRRZD 4) (ZD 7-1) (ZD 7-1) |

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| LEASE | HECTARES | LAND DESCRIPTION |
|-------|----------|--|
| A0058 | 64 | 4-13-024: 36NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4) EXCEPTING NATURAL GAS IN THE COLORADO GRP (ZD 7-1) EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP (ZD 7-1) |
| A0059 | 128 | 4-13-025: 1S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4) EXCEPTING NATURAL GAS IN THE COLORADO GRP (ZD 7-1) EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP (ZD 7-1) |
| A0060 | 128 | 4-12-026: 21N PETROLEUM AND NATURAL GAS |
| A0061 | 256 | 4-15-026: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0062 | 256 | 4-15-026: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0063 | 256 | 4-16-026: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0064 | 256 | 4-16-026: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0065 | 256 | 4-16-026: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0066 | 247.2 | 4-16-026: 4N,SE,SWP PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/08/06. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0067 | 78.4 | 4-16-026: 5NP,SEP PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/08/06. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0068 | 256 | 4-16-026: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0069 | 256 | 4-16-026: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|---|------------|
| A0070 | 256 | 4-16-026: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0071 | 256 | 4-16-026: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0072 | 256 | 4-16-026: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0073 | 256 | 4-16-026: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0074 | 256 | 4-16-026: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0075 | 256 | 4-16-026: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0076 | 255.6 | 4-16-026: 18N, SE, SWP PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/08/06. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0077 | 256 | 4-16-026: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0078 | 256 | 4-16-026: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0079 | 256 | 4-16-026: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0080 | 256 | 4-16-026: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0081 | 256 | 4-16-026: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0082 | 256 | 4-16-026: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|--------------------------------------|
| A0083 | 256 | 4-16-026: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0084 | 64 | 4-17-026: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0085 | 233.6 | 4-17-026: 34E,WP PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/08/20. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE BANFF FM | (DRRZD 4) (ZD 2773-A) |
| A0086 | 256 | 4-08-027: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0087 | 256 | 4-17-027: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE BANFF FM | (DRRZD 4) (ZD 2773-A) |
| A0088 | 256 | 4-17-027: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (ESA001401) (DRRZD 4) |
| A0089 | 256 | 4-17-027: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0090 | 256 | 4-17-027: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE BASAL COLO & MANNVILLE | (DRRZD 39) (ZD 2773) (ZD 2773) |
| A0091 | 181.44 | 4-18-027: 13SP,N PORTION(S) LYING TO THE NORTH OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1906/02/09. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0092 | 64 | 4-18-027: 28NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0093 | 256 | 4-15-028: 30 PETROLEUM AND NATURAL GAS | |
| A0094 | 256 | 4-15-029: 33 PETROLEUM AND NATURAL GAS | |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|---|---|
| A0095 | 256 | 4-17-029: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0096 | 256 | 4-17-029: 9 PETROLEUM AND NATURAL GAS | |
| A0097 | 256 | TRACT ONE 4-20-029: 36NE, L1, L4-L8 PETROLEUM AND NATURAL GAS | |
| | | TRACT TWO 4-20-029: 36NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | | TRACT THREE 4-20-029: 36L2, L3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| A0098 | 256 | 4-11-030: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0099 | 256 | 4-16-030: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 13) |
| A0100 | 256 | 5-02-034: 6 PETROLEUM AND NATURAL GAS | |
| A0101 | 256 | 4-01-035: 5 PETROLEUM AND NATURAL GAS | |
| A0102 | 256 | 4-02-035: 23 PETROLEUM AND NATURAL GAS | |
| A0103 | 256 | TRACT ONE 4-20-035: 36E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| | | TRACT TWO 4-20-035: 36L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM | (DRRZD 39) (DRRZD 4) (DRRZD 7) (DRRZD 6) |
| | | TRACT THREE 4-20-035: 36SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| | | TRACT FOUR 4-20-035: 36L11, L13, L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|-------------------------------------|
| A0104 | 4.8 | 4-25-035: 25NWP PORTION(S) SHOWN AS A LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1893/05/27. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0105 | 256 | 4-07-036: 27 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM | (SHA007201) (ZD 60-1) |
| A0106 | 256 | 4-07-036: 28 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM | (SHA007201) (ZD 60-1) |
| A0107 | 256 | 4-07-036: 33 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM | (SHA007201) (ZD 60-1) |
| A0108 | 128 | TRACT ONE 4-07-036: 34SW,L11-L13 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM | (SHA007201) (ZD 60-1) |
| | | TRACT TWO 4-07-036: 34L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE VIKING FM | (DRRZD 6) (DRRZD 4) (ZD 60-1) |
| A0109 | 128 | TRACT ONE 4-20-036: 2SW,L2,L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| | | TRACT TWO 4-20-036: 2L1,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| A0110 | 128 | 4-20-036: 2N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0111 | 256 | TRACT ONE 4-20-036: 11W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| | | TRACT TWO 4-20-036: 11E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |
| A0112 | 256 | 4-20-036: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|-------------|--|-------------------------|
| A0113 | 192 | | |
| | TRACT ONE | 4-20-036: 14L4,L6,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT TWO | 4-20-036: 14NW,L2,L3,L5,L10,L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| A0114 | 256 | 4-20-036: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0115 | 256 | 4-20-036: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0116 | 32 | 4-20-036: 24L12,L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0117 | 64 | | |
| | TRACT ONE | 4-20-036: 26L9,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| | TRACT TWO | 4-20-036: 26L10,L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |
| A0118 | 256 | 4-20-036: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0119 | 256 | 4-20-036: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0120 | 256 | | |
| | TRACT ONE | 4-20-036: 30L3,L4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP | (DRRZD 39) (DRRZD 4) |
| | TRACT TWO | 4-20-036: 30N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT THREE | 4-20-036: 30SE,L5,L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| A0121 | 224 | | |
| | TRACT ONE | 4-20-036: 32E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT TWO | 4-20-036: 32SW,L11,L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|-------------|--|-------------------------|
| A0122 | 256 | | |
| | TRACT ONE | 4-20-036: 34N,SW,L2,L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| | TRACT TWO | 4-20-036: 34L1,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| A0123 | 256 | 4-21-036: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0124 | 64 | 5-04-036: 32NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM | (DRRZD 280) (ZD 275) |
| A0125 | 48 | 4-04-037: 34L2,L7,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0126 | 64 | 4-05-037: 5NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0127 | 256 | 4-17-037: 28 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE EDMONTON GRP | (DRRZD 280) |
| A0128 | 64 | 4-20-037: 2L3,L5,L7,L10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| A0129 | 80 | 4-20-037: 2NW,L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |
| A0130 | 208 | | |
| | TRACT ONE | 4-20-037: 10NW,L4-L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT TWO | 4-20-037: 10L2,L3,L7,L9,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| | TRACT THREE | 4-20-037: 10L1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------------|----------|--|-------------------------|
| A0131 | 256 | | |
| TRACT ONE | | 4-20-037: 11E, L6, L11, L12, L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| TRACT TWO | | 4-20-037: 11L5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM | (DRRZD 23) |
| TRACT THREE | | 4-20-037: 11L3, L4, L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |
| A0132 | 256 | | |
| | | 4-20-037: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0133 | 240 | | |
| TRACT ONE | | 4-20-037: 14N, SE, L5, L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| TRACT TWO | | 4-20-037: 14L4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 7) |
| A0134 | 256 | | |
| | | 4-21-037: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0135 | 64 | | |
| | | 4-17-038: 36SW PETROLEUM AND NATURAL GAS | |
| A0136 | 256 | | |
| | | 4-26-038: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP | (DRRZD 39) (DRRZD 4) |
| A0137 | 64 | | |
| | | 4-01-039: 2SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0138 | 16 | | |
| | | 4-02-039: 2L10 PETROLEUM AND NATURAL GAS | |
| A0139 | 32 | | |
| | | 4-05-039: 14L4, L5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (DRRZD 6) |

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| LEASE | HECTARES | LAND DESCRIPTION |
|-------|----------|---|
| A0140 | 78.8 | 4-26-039: 7WP; 17SEP PORTION(S) DESIGNATED AS RED DEER RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/02/13. 17SWP; 18SEP PORTION(S) DESIGNATED AS RED DEER RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1895/10/07. 4-27-039: 13SEP PORTION(S) DESIGNATED AS RED DEER RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/04/17. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM (DRRZD 23) |
| A0141 | 36.8 | 4-26-039: 31EP PORTION(S) SHOWN AS A LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1895/10/07. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0142 | 256 | 4-28-039: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP (DRRZD 280) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0143 | 256 | 5-04-040: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE VIKING FM (DRRZD 6) |
| A0144 | 256 | 4-07-045: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) TO THE BASE OF THE NISKU FM (DRRZD 23) |
| A0145 | 256 | 4-07-045: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) TO THE BASE OF THE NISKU FM (DRRZD 23) |
| A0146 | 256 | 4-02-048: 11 PETROLEUM AND NATURAL GAS |
| A0147 | 128 | 4-27-048: 16W PETROLEUM AND NATURAL GAS TO THE BASE OF THE NISKU FM (DRRZD 23) |
| A0148 | 256 | 4-20-049: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4) |
| A0149 | 64 | 4-02-050: 32SE PETROLEUM AND NATURAL GAS |
| A0150 | 192 | 4-14-056: 6S,NW PETROLEUM AND NATURAL GAS |

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| LEASE | HECTARES | LAND DESCRIPTION | |
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| A0151 | 128 | 4-19-056: 11E PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| A0152 | 256 | 4-19-056: 20 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| A0153 | 256 | 4-19-056: 22 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| A0154 | 256 | 4-19-056: 24 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| A0155 | 256 | 4-19-056: 29 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| A0156 | 192 | 4-20-056: 2S,NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM | (DRRZD 284) (DRRZD 6) |
| A0157 | 256 | 4-20-056: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP | (DRRZD 6) (DRRZD 284) |
| A0158 | 128 | 4-20-056: 12SE,NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| A0159 | 256 | | (PRA026701) |
| TRACT ONE | | 4-20-056: 20NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |
| TRACT TWO | | 4-20-056: 20NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM | (DRRZD 284) (DRRZD 6) |
| TRACT THREE | | 4-20-056: 20SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP | (DRRZD 6) (DRRZD 284) |
| TRACT FOUR | | 4-20-056: 20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE LEDUC FM | (DRRZD 6) (DRRZD 284) (DRRZD 65) |
| A0160 | 256 | 4-18-059: 2 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP | (DRRZD 284) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
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| A0161 | 256 | 4-15-061: 12 PETROLEUM AND NATURAL GAS | (SHA006701) |

--- NORTHERN REGION ---

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| A0162 | 256 | TRACT ONE 5-05-040: 13N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM | (DRRZD 280) (DRRZD 6) (DRRZD 3) |
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| | | TRACT TWO 5-05-040: 13SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM | (DRRZD 3) (DRRZD 6) |
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| A0163 | 256 | 5-06-040: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (DRRZD 6) |
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| A0164 | 128 | 5-16-047: 16S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE NORDEGG MBR | (SHA007901) (DRRZD 39) (DRRZD 66) |
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| A0165 | 128 | 5-16-054: 29S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR | (DRRZD 3) (DRRZD 66) |
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| A0166 | 64 | 5-12-055: 2NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR | (DRRZD 60) |
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| A0167 | 64 | 5-12-055: 2NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR | (DRRZD 60) |
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| A0168 | 64 | 5-17-055: 6NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR | (SHA006701) (ESZ000101) (DRRZD 3) (DRRZD 66) |
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| A0169 | 256 | 5-17-055: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE NORDEGG MBR | (DRRZD 3) (DRRZD 21) (DRRZD 60) (DRRZD 66) |
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| A0170 | 256 | 5-14-056: 16 PETROLEUM AND NATURAL GAS | (TSH003501) |
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| A0171 | 256 | 5-17-059: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD | (SHA008201) (DRRZD 21) |
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| LEASE | HECTARES | LAND DESCRIPTION | |
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| A0172 | 256 | 5-17-059: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM | (SHA008201) (DRRZD 3) |
| A0173 | 256 | 5-17-059: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD | (SHA008201) (DRRZD 21) |
| A0174 | 128 | 5-17-060: 33N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE BLUESKY-BULLHEAD | (SHA008201) (DRRZD 21) (ZD 3029-A) (ZD 3029-A) |
| A0175 | 128 | 5-18-060: 1S PETROLEUM AND NATURAL GAS TO THE TOP OF THE BLUESKY-BULLHEAD | (SHA006701) (SHA008201) (DRRZD 21) |
| A0176 | 256 | 5-17-061: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE BLUESKY-BULLHEAD | (SHA006701) (SHA008201) (DRRZD 37) (ZD 3029-A) (ZD 3029-A) |
| A0177 | 249.9 | 5-22-061: 5N,SE,SWP PORTION(S) LYING OUTSIDE LITTLE SMOKY CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BULLHEAD GRP | (SHA006701) (SHA008201) (DRRZD 21) (ZD 203) |
| A0178 | 256 | 5-22-061: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BULLHEAD GRP | (SHA008201) (DRRZD 21) (ZD 203) |
| A0179 | 44.8 | 5-23-061: 14EP PORTION(S) LYING OUTSIDE LITTLE SMOKY CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD | (SHA008201) (DRRZD 21) |
| A0180 | 256 | 6-04-061: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD | (SHA006701) (SHA008201) (ESZ000301) (DRRZD 21) |
| A0181 | 128 | 6-02-062: 20SE,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD | (DRRZD 38) (DRRZD 21) |
| A0182 | 128 | 6-02-062: 20SE,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUNVEGAN FM | (DRRZD 51) (DRRZD 38) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|--|
| A0183 | 256 | 5-14-063: 28 PETROLEUM AND NATURAL GAS | (SHA008001) |
| A0184 | 256 | 5-20-065: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (SHA006701) (DRRZD 6) |
| A0185 | 192 | 6-09-072: 12N, SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM | (DRRZD 246) |
| A0186 | 402.3 | 5-03-075: 30E, WP; 31E, WP PORTION(S) LYING OUTSIDE NIPISI CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS | (DRRZD 269) |
| A0187 | 167.3 | 4-14-080: 17NP, SE, SWP PORTION(S) LYING OUTSIDE ALGAR CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS | (ADM011601) |
| A0188 | 256 | 6-05-080: 34 PETROLEUM AND NATURAL GAS | |
| A0189 | 256 | 6-11-082: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM | (SHA006701) (DRRZD 246) |
| A0190 | 960 | TRACT ONE 5-14-086: 31NE; 32NW 5-14-087: 4E; 5; 8NE; 9N, SE PETROLEUM AND NATURAL GAS TRACT TWO 5-14-087: 4NW; 8SE; 9SW PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE GILWOOD MBR | (ADM011501) (DRRZD 10) |
| A0191 | 256 | 4-25-087: 13 PETROLEUM AND NATURAL GAS | (ADM011601) |
| A0192 | 256 | 4-25-087: 36 PETROLEUM AND NATURAL GAS | (ADM011601) |
| A0193 | 2304 | TRACT ONE 6-02-087: 19; 31 6-03-087: 23; 24; 36 PETROLEUM AND NATURAL GAS TRACT TWO 6-02-087: 30 6-03-087: 26; 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM TRACT THREE 6-03-087: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (SHA007001) (SHA008401) (TSH003401) (TSH003501) (DRRZD 58) (DRRZD 89) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
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| A0194 | 256 | 5-16-099: 16 PETROLEUM AND NATURAL GAS | (ADM011501) |
| A0195 | 256 | 5-16-099: 17 PETROLEUM AND NATURAL GAS | (ADM011501) |
| --- Foothills Region --- | | | |
| A0196 | 256 | 5-10-039: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (SHA006701) (SHA008301) (DRRZD 6) |
| A0197 | 256 | 5-14-041: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (IRZ003501) (IRZ004001) (IRZ004101) (PRA011701) (SHA006701) (SHA007901) (SHA008301) (DRRZD 56) |
| A0198 | 256 | 5-14-041: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (IRZ003501) (IRZ004001) (IRZ004101) (SHA006701) (SHA007901) (SHA008301) (DRRZD 56) |
| A0199 | 128 | 5-14-041: 30W PETROLEUM AND NATURAL GAS TO THE TOP OF THE RUNDLE GRP | (SHA007901) (DRRZD 27) |
| A0200 | 128 | TRACT ONE 5-14-041: 31NW PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP TRACT TWO 5-14-041: 31SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP | (SHA007901) (DRRZD 3) (ZD 2713) (DRRZD 3) (ZD 2713) |
| A0201 | 128 | 5-15-041: 24N PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (SHA007901) (DRRZD 56) |

PETROLEUM AND NATURAL GAS LEASES

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| LEASE | HECTARES | LAND DESCRIPTION | |
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| A0202 | 256 | | (SHA007901) |
| TRACT ONE | | 5-15-042: 1SW PETROLEUM AND NATURAL GAS TO THE TOP OF THE RUNDLE GRP | (DRRZD 27) |
| TRACT TWO | | 5-15-042: 1N,SE PETROLEUM AND NATURAL GAS TO THE TOP OF THE RUNDLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM | (DRRZD 27) (DRRZD 3) |
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| --- PLAINS REGION --- | | | |
| B0203 | 1536 | | (SHA006801) |
| | TRACT ONE | 4-14-013: 4; 5S,NW,L9 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-14-013: 5L10,L15,L16; 7L16; 8S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| | TRACT THREE | 4-14-013: 6S; 7L11-L13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SAWTOOTH FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ARCS MBR | (DRRZD 20) (DRRZD 215) |
| | TRACT FOUR | 4-14-013: 3; 6N; 7S,L9,L10,L14,L15; 8NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ARCS MBR | (DRRZD 215) |
| ----- | | | |
| B0204 | 1984 | | (SHA006801) |
| | TRACT ONE | 4-14-013: 9E,L11; 10S,NW; 15SW,L14; 16SE; 20N,SE; 21N,SW,L2,L7,L8; 29; 30 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 4-14-013: 15E,L11,L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | TRACT THREE | 4-14-013: 9SW,L12-L14; 10NE; 15L13; 16N,SW; 21L1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM | (DRRZD 20) |
| ----- | | | |
| B0205 | 1536 | 4-14-013: 13; 14; 23-25; 36 PETROLEUM AND NATURAL GAS | (GZR000701) |
| ----- | | | |
| B0206 | 1536 | 4-03-035: 7; 18 4-04-035: 12; 13; 24; 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| ----- | | | |
| B0207 | 2048 | 4-04-035: 17; 19-21; 29-32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (PNA001701) (DRRZD 6) |
| ----- | | | |
| B0208 | 2048 | 4-05-035: 22-25; 35; 36 4-05-036: 1; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (PNA001701) (DRRZD 6) |
| ----- | | | |
| B0209 | 1536 | | (PPR000701) (SHA007201) |
| | TRACT ONE | 5-01-041: 20; 28; 29; 32 5-01-042: 10 PETROLEUM AND NATURAL GAS | |
| | TRACT TWO | 5-01-042: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |

2018 FEBRUARY 07

| LICENCE | HECTARES | LAND DESCRIPTION | |
|-------------------------|----------|---|--|
| --- NORTHERN REGION --- | | | |
| B0210 | 768 | 6-01-064: 17; 19 6-02-064: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM | (SHA006701) (DRRZD 264) |
| B0211 | 768 | 6-01-065: 31-33 PETROLEUM AND NATURAL GAS | (SHA006701) |
| B0212 | 768 | 6-02-065: 1; 2; 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM | (SHA006701) (DRRZD 264) |
| B0213 | 704 | TRACT ONE 5-11-066: 3W; 10W; 15N,SW PETROLEUM AND NATURAL GAS TRACT TWO 5-11-066: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM | (SHA008001) (DRRZD 22) |
| B0214 | 256 | 6-09-073: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM | (TSH003401) (TSH003501) (DRRZD 246) |
| B0215 | 2542 | TRACT ONE 5-03-075: 16-18; 19E,WP; 20; 21; 28; 33 PORTION(S) LYING OUTSIDE NIPISI CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS TRACT TWO 5-03-075: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TRACT THREE 5-03-075: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 269) (DRRZD 6) |
| B0216 | 256 | 6-03-075: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM | (SHA007001) (DRRZD 251) |
| B0217 | 512 | TRACT ONE 6-06-075: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TRACT TWO 6-06-075: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM | (SHA007001) (DRRZD 247) (DRRZD 251) |
| B0218 | 256 | 5-06-076: 5 PETROLEUM AND NATURAL GAS | |
| B0219 | 256 | 6-06-076: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM | (SHA007001) (DRRZD 251) |

2018 FEBRUARY 07

| LICENCE | HECTARES | LAND DESCRIPTION | |
|---------|-----------|--|---------------------------|
| B0220 | 256 | 6-06-076: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE DOIG FM | (DRRZD 38) (DRRZD 251) |
| B0221 | 582.2 | 5-05-077: 11; 12; 13SP PORTION(S) LYING OUTSIDE NIPISI CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS | |
| B0222 | 256 | 6-09-084: 3 PETROLEUM AND NATURAL GAS | (SHA006701) |
| B0223 | 256 | 6-09-084: 22 PETROLEUM AND NATURAL GAS | (SHA006701) |
| B0224 | 256 | 6-09-085: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM | (DRRZD 22) |
| 22 | 20,916.20 | HA TOTALS | END |

ZONE DESIGNATIONS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

ZD: 7-1 ZONE: 1600 COLORADO GRP

INTERVAL: 1495.00 - 2948.00 FEET
KEY WELL: 00/06-22-024-13W4/0
LOG TYPE: ELECTRICAL

 ZONE: 2440 BLAIRMORE GRP

INTERVAL: 2948.00 - 3310.00 FEET
KEY WELL: 00/06-22-024-13W4/2
LOG TYPE: ELECTRICAL

ZD: 32-1 ZONE: 2121 BOW ISLAND-COLORADO SH

INTERVAL: 2294.00 - 2572.00 FEET
KEY WELL: 03/13-34-021-12W4/0
LOG TYPE: RADIOACTIVITY

 ZONE: 2422 BSL COLORADO&BLAIRMORE

INTERVAL: 2572.00 - 2982.00 FEET
KEY WELL: 03/13-34-021-12W4/0
LOG TYPE: RADIOACTIVITY

ZD: 60-1 ZONE: 2140 VIKING FM

INTERVAL: 2806.00 - 2824.00 FEET
KEY WELL: 00/13-09-037-06W4/0
LOG TYPE: ELECTRICAL

ZD: 203 ZONE: 3240 BULLHEAD GRP

INTERVAL: 7760.00 - 8170.00 FEET
KEY WELL: 00/05-08-061-22W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 265 ZONE: 1840 JUMPING POUND MBR SS

INTERVAL: 2185.00 - 2216.00 FEET
KEY WELL: 00/10-17-020-10W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 275 ZONE: 6100 RUNDLE GRP

INTERVAL: 7570.00 - 7843.00 FEET
KEY WELL: 00/04-05-037-03W5/0
LOG TYPE: INDUCTION ELECTRIC

 ZONE: 3100 LOWER MANNVILLE FM

INTERVAL: 7695.00 - 7910.00 FEET
KEY WELL: 00/02-33-036-04W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 2713 ZONE: 6100 RUNDLE GRP

INTERVAL: 10762.00 - 11200.00 FEET
KEY WELL: 00/11-01-042-15W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 6100 RUNDLE GRP

INTERVAL: 12320.00 - 12608.00 FEET
KEY WELL: 00/11-01-042-15W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 6100 RUNDLE GRP

INTERVAL: 13468.00 - 13616.00 FEET
KEY WELL: 00/11-01-042-15W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

APPENDIX 1

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ZONE DESIGNATIONS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

ZD: 2773-A ZONE: 6440 BANFF FM
INTERVAL: 3960.00 - 4002.00 FEET
KEY WELL: 00/10-02-027-17W4/0
LOG TYPE: DENSILOG

ZD: 2773 ZONE: 2140 VIKING FM
INTERVAL: 3402.00 - 3615.00 FEET
KEY WELL: 00/10-21-027-17W4/0
LOG TYPE: INDUCTION ELECTRICAL

 ZONE: 2421 BASAL COLO & MANNVILLE
INTERVAL: 3665.00 - 4050.00 FEET
KEY WELL: 00/10-21-027-17W4/0
LOG TYPE: INDUCTION ELECTRICAL

ZD: 3029-A ZONE: 2140 VIKING FM
INTERVAL: 5232.00 - 5318.00 FEET
KEY WELL: 00/12-35-061-18W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

 ZONE: 3052 BLUESKY-BULLHEAD
INTERVAL: 6046.00 - 6182.00 FEET
KEY WELL: 00/12-35-061-18W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

INTERVAL: 6303.00 - 6436.00 FEET
KEY WELL: 00/16-16-041-06W5/0
LOG TYPE: ELECTRICAL

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2557.00 - 2985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 6 ZONE: 2140 VIKING FM

INTERVAL: 2600.00 - 2680.00 FEET
KEY WELL: 00/10-10-042-14W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 7 ZONE: 7200 LEDUC FM

INTERVAL: 6418.00 - 7033.00 FEET
KEY WELL: 00/06-20-041-24W4/0
LOG TYPE: GAMMA RAY-SONIC

DRRZD: 8 ZONE: 2130 BOW ISLAND SD

INTERVAL: 2140.00 - 2472.00 FEET
KEY WELL: 00/11-31-011-10W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 10 ZONE: 7655 GILWOOD MBR

INTERVAL: 5693.00 - 5772.00 FEET
KEY WELL: 00/02-21-079-08W5/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 11 ZONE: 1580 MILK RIVER FM

INTERVAL: 677.00 - 972.00 FEET
KEY WELL: 00/15-02-014-05W4/0
LOG TYPE: ELECTRICAL

DRRZD: 12 ZONE: 1640 MEDICINE HAT SD

INTERVAL: 1312.00 - 1582.00 FEET
KEY WELL: 00/06-30-014-04W4/0
LOG TYPE: INDUCTION GAMMA RAY

DRRZD: 13 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1820.00 - 2030.00 FEET
KEY WELL: 00/10-17-014-09W4/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 20 ZONE: 4280 SAWTOOTH FM

INTERVAL: 3109.00 - 3176.00 FEET
KEY WELL: 00/10-02-006-14W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 2754.00 - 3043.00 FEET
KEY WELL: 00/10-32-081-01W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2004.00 - 3138.00 FEET
KEY WELL: 00/11-03-078-01W6/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 23 ZONE: 6960 NISKU FM

INTERVAL: 5023.00 - 5190.00 FEET
KEY WELL: 00/06-24-050-26W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 27 ZONE: 6100 RUNDLE GRP

INTERVAL: 9040.00 - 9990.00 FEET
KEY WELL: 00/05-25-029-09W5/0
LOG TYPE: GAMMA RAY NEUTRON

DRRZD: 30 ZONE: 6420 PEKISKO FM

INTERVAL: 9232.00 - 9390.00 FEET
KEY WELL: 00/07-13-033-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 6948.00 - 7042.00 FEET
KEY WELL: 00/10-07-062-19W5/0
LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 38 ZONE: 1920 DUNVEGAN FM

INTERVAL: 2566.00 - 3038.00 FEET
KEY WELL: 00/11-04-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 1688.00 - 2453.00 FEET
KEY WELL: 00/07-18-032-22W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 48 ZONE: 2420 BASAL COLORADO SD

INTERVAL: 3004.00 - 3024.00 FEET
KEY WELL: 00/06-27-025-12W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 51 ZONE: 1700 CARDIUM FM

INTERVAL: 2350.40 - 2415.70 METRES
KEY WELL: 00/07-36-058-03W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 56 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 12582.00 - 12746.00 FEET
KEY WELL: 00/06-05-049-21W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 58 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 3568.00 - 4088.00 FEET
KEY WELL: 00/10-26-085-04W6/0
LOG TYPE: DUAL INDUCTION SFL

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

DRRZD: 60 ZONE: 4320 ROCK CREEK MBR

INTERVAL: 2502.50 - 2531.50 METRES
KEY WELL: 00/10-35-049-13W5/2
LOG TYPE: DUAL LATEROLOG

DRRZD: 65 ZONE: 7200 LEDUC FM

INTERVAL: 3167.00 - 4322.00 FEET
KEY WELL: 00/07-17-056-21W4/0
LOG TYPE: FORMATION DENSITY

DRRZD: 66 ZONE: 4440 NORDEGG MBR

INTERVAL: 5610.00 - 5670.00 FEET
KEY WELL: 00/10-12-055-09W5/0
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

DRRZD: 89 ZONE: 7200 LEDUC FM

INTERVAL: 7207.00 - 7378.00 FEET
KEY WELL: 00/06-24-087-07W6/0
LOG TYPE: BHC ACOUSTILOG

DRRZD: 215 ZONE: 6940 ARCS MBR

INTERVAL: 1318.00 - 1344.00 METRES
KEY WELL: 00/14-36-013-15W4/0
LOG TYPE: DUAL INDUCTION

DRRZD: 246 ZONE: 5160 HALFWAY FM

INTERVAL: 6344.00 - 6402.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 247 ZONE: 5080 CHARLIE LAKE FM

INTERVAL: 2372.00 - 2448.50 METRES
KEY WELL: 00/10-19-068-06W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 251 ZONE: 5200 DOIG FM

INTERVAL: 1770.00 - 1853.00 METRES
KEY WELL: 00/03-22-078-10W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 264 ZONE: 5240 MONTNEY FM

INTERVAL: 2229.00 - 2491.50 METRES
KEY WELL: 00/06-32-076-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 269 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 364.00 - 500.00 METRES
KEY WELL: 00/08-30-075-03W5/0
LOG TYPE: INDUCTION

DRRZD: 273 ZONE: 2030 FISH SCALE-WESTGATE

INTERVAL: 794.00 - 841.00 METRES
KEY WELL: 02/06-13-011-20W4/0
LOG TYPE: INDUCTION ELECTRIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS
APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

DRRZD: 280

ZONE: 1060 EDMONTON GRP

INTERVAL: 335.00 - 962.00 METRES

KEY WELL: 00/06-24-044-04W5/0

LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

DRRZD: 284

ZONE: 7635 ELK POINT GRP

INTERVAL: 783.00 - 1370.00 METRES

KEY WELL: 02/06-13-063-08W4/0

LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2

LEASE A0190
LEASE A0194
LEASE A0195

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ENERGY RESOURCES CONSERVATION BOARD (ERCB). SOLUTION GAS IS EXPRESSLY EXCLUDED FROM THE PETROLEUM AND NATURAL GAS RIGHTS GRANTED UNDER CROWN AGREEMENTS ISSUED IN RESPECT OF OIL SANDS AREAS. MOREOVER, PRODUCTION OF GAS FROM THE LAND(S) IN THIS AGREEMENT MAY BE DISALLOWED OR PRECLUDED BY ORDER OF THE ERCB OR OTHERWISE, ON THE GROUNDS THAT SUCH PRODUCTION MAY DETRIMENTALLY AFFECT THE RECOVERABILITY OF OIL SANDS FROM THOSE LANDS. BY ACCEPTING THIS AGREEMENT FOR THE PETROLEUM AND NATURAL GAS RIGHTS IN THESE LANDS, THE LESSEE/LICENSEE HEREBY ACKNOWLEDGES ALL OF THE ABOVE, AND THAT PRODUCTION OF GAS FROM THE LANDS IN THIS AGREEMENT MAY BY ORDER OF THE ERCB OR OTHERWISE BE PRECLUDED OR DISALLOWED, AND HEREBY WAIVES ANY RECOURSE, ACTION, CAUSE OF ACTION OR CLAIM THAT THE LESSEE/LICENSEE MAY HAVE AGAINST THE CROWN IN RIGHT OF ALBERTA AS A RESULT OF OR IN RELATION TO ITS INABILITY FOR ANY OF THE ABOVE REASONS OR FOR ANY OTHER REASON WHATSOEVER TO PRODUCE GAS FROM THE LANDS IN THIS AGREEMENT. FOR THE DEFINITION OF SOLUTION GAS AND OTHER RELEVANT INFORMATION, PLEASE REFER TO INFORMATION LETTER 99-38. FOR CURRENT POLICY ON NATURAL GAS PRODUCTION IN THE OIL SANDS ZONES IDENTIFIED WITHIN OIL SANDS AREAS, PLEASE REFER TO ERCB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DONNA CRAWFORD
MANAGER
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 427-8933

ADM011601 ATHABASCA OIL SANDS DESIGNATED AREA

LEASE A0187
LEASE A0191
LEASE A0192

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ENERGY RESOURCES CONSERVATION BOARD (ERCB). SOLUTION GAS IS EXPRESSLY EXCLUDED FROM THE PETROLEUM AND NATURAL GAS RIGHTS GRANTED UNDER CROWN AGREEMENTS ISSUED IN RESPECT OF OIL SANDS AREAS. MOREOVER, PRODUCTION OF GAS FROM THE LAND(S) IN THIS AGREEMENT MAY BE DISALLOWED OR PRECLUDED BY ORDER OF THE ERCB OR OTHERWISE, ON THE GROUNDS THAT SUCH PRODUCTION MAY DETRIMENTALLY AFFECT THE RECOVERABILITY OF OIL SANDS FROM THOSE LANDS. BY ACCEPTING THIS AGREEMENT FOR THE PETROLEUM AND NATURAL GAS RIGHTS IN THESE LANDS, THE LESSEE/LICENSEE HEREBY ACKNOWLEDGES ALL OF THE ABOVE, AND THAT PRODUCTION OF GAS FROM THE LANDS IN THIS AGREEMENT MAY BY ORDER OF THE ERCB OR OTHERWISE BE PRECLUDED OR DISALLOWED, AND HEREBY WAIVES ANY RECOURSE, ACTION, CAUSE OF ACTION OR CLAIM THAT THE LESSEE/LICENSEE MAY HAVE AGAINST THE CROWN IN RIGHT OF ALBERTA AS A RESULT OF OR IN RELATION TO ITS INABILITY FOR ANY OF THE ABOVE REASONS OR FOR ANY OTHER REASON WHATSOEVER TO PRODUCE GAS FROM THE LANDS IN THIS AGREEMENT. FOR THE DEFINITION OF SOLUTION GAS AND OTHER RELEVANT INFORMATION, PLEASE REFER TO INFORMATION LETTER 99-38. FOR CURRENT POLICY ON NATURAL GAS PRODUCTION IN THE OIL SANDS ZONES IDENTIFIED WITHIN OIL SANDS AREAS, PLEASE REFER TO ERCB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DONNA CRAWFORD
MANAGER
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 427-8933

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

ESA001401 ENVIRONMENTALLY SENSITIVE AREA WITHIN SPECIAL AREA

LAND DESCRIPTION
LEASE A0088 4-17-027: 14L3,L4

ALL LAND(S) IS/ARE WITHIN AN ENVIRONMENTALLY SIGNIFICANT AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DUG O. MAJOR
DIRECTOR, PROPERTIES MANAGEMENT
MUNICIPAL AFFAIRS, DEPARTMENT OF
MUNICIPAL ADMIN SERVICES DIVISION
TAX RECOVERY AND PROPERTY ADMIN
REAL ESTATE MANAGER
JARVIS BUILDING
9925 107 ST NW 12 FLOOR
EDMONTON AB T5K 2H9 (403) 854-5614

ESZ000101 EASTERN SLOPES POLICY ZONE 2

LAND DESCRIPTION
LEASE A0168 5-17-055: 6NWP

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
GRANDE PRAIRIE OFFICE
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
10320 99 ST
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5260

ESZ000301 EASTERN SLOPES POLICY ZONE 4

LAND DESCRIPTION
LEASE A0180 6-04-061: 23N,SEP,SW

ALL LAND(S) IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
GRANDE PRAIRIE OFFICE
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
10320 99 ST
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5260

GZR000701 HAYS

LAND DESCRIPTION
LEASE A0007 4-13-013: 18E; 19SP
LICENCE B0205 4-14-013: 13NWP; 24SP

ALL LAND(S) IS/ARE WITHIN A GRAZING RESERVE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JAKE WILLMS
PGR RANGELAND AGROLOGIST
LETHBRIDGE OFFICE - PUBLIC LANDS DEPT. OF SUSTAINABLE RESOURCE DEV
5401 1 AVE S SUITE 100
LETHBRIDGE AB T1J 4V6 (403) 382-4287

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

HRM002201 MAJORVILLE WEST
LAND DESCRIPTION
LEASE A0013 4-18-018: 20SP,N
LEASE A0014 4-18-018: 21E

ALL LAND(S) IS/ARE WITHIN THE MAJORVILLE HERITAGE LANDSCAPE AREA, SEE CORRESPONDING RESERVATION FOR MORE DETAILS.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
GEORGE CHALUT
LAND USE PLANNER
CULTURE, DEPARTMENT OF
HISTORIC RESOURCE MANAGEMENT BRANCH
LAND USE PLANNING SECTION
OLD ST STEPHEN'S COLLEGE
8820 112 ST NW
EDMONTON AB T6G 2P8 (780) 431-2329

HRV003701 HISTORIC RESOURCES VALUE 3
LAND DESCRIPTION
LEASE A0013
LEASE A0014
LEASE A0035 4-14-022: 26L10, L15
LEASE A0036 4-14-022: 34L8, L9
LEASE A0037 4-14-022: 35L5, L12
LEASE A0049 4-14-023: 5S, L9
LEASE A0050 4-14-023: 6S, NW, L9, L10
LEASE A0051 4-14-023: 7N, SW, L2, L7, L8
LEASE A0052

ALL LAND(S) IS/ARE WITHIN A HERITAGE RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
GEORGE CHALUT
LAND USE PLANNER
CULTURE, DEPARTMENT OF
HISTORIC RESOURCE MANAGEMENT BRANCH
LAND USE PLANNING SECTION
OLD ST STEPHEN'S COLLEGE
8820 112 ST NW
EDMONTON AB T6G 2P8 (780) 431-2329

IRZ003501 ROCKY-NORTH SASKATCHEWAN ZONE 2
LAND DESCRIPTION
LEASE A0197 5-14-041: 2P
LEASE A0198 5-14-041: 3P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
LANDS OFFICER
ROCKY MOUNTAIN HOUSE OFFICE
ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
COURIER BOX 21
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8272

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

IRZ004001 **DAVID THOMPSON CORRIDOR ZONE 2**

LAND DESCRIPTION
LEASE A0197 5-14-041: 2P
LEASE A0198 5-14-041: 3P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
LANDS OFFICER
ROCKY MOUNTAIN HOUSE OFFICE
ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
COURIER BOX 21
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8272

IRZ004101 **DAVID THOMPSON CORRIDOR ZONE 3**

LAND DESCRIPTION
LEASE A0197 5-14-041: 2P
LEASE A0198 5-14-041: 3P

ALL LAND(S) IS/ARE WITHIN ZONE 3 (SPECIAL USE) OF AN INTEGRATED RESOURCE PLAN.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
LANDS OFFICER
ROCKY MOUNTAIN HOUSE OFFICE
ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
COURIER BOX 21
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8272

PNA001701 **MONITOR**

LAND DESCRIPTION
LICENCE B0207 4-04-035: 31
LICENCE B0208 4-05-035: 25; 36

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS DIVISION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

PPR000701 **GULL LAKE**

LAND DESCRIPTION
LICENCE B0209 5-01-041: 28SP,NEP

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED PROVINCIAL RECREATION AREA.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS DIVISION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

PRA011701 **HARLECH**
 LAND DESCRIPTION
LEASE A0197 5-14-041: 2NWP

ALL LAND(S) IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS DIVISION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

PRA026701 **NORTH BRUDERHEIM**
 LAND DESCRIPTION
LEASE A0159 4-20-056: 20N

ALL LAND(S) IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS DIVISION
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EDMONTON AB T5K 2J6 (780) 644-5357

PRP003301 **MIQUELON LAKE**
 LAND DESCRIPTION
LEASE A0148 4-20-049: 28SP,NWP

ALL LAND(S) IS/ARE WITHIN A PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS DIVISION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES

| | | LAND DESCRIPTION | |
|---------|-------|------------------|--------------------------|
| LEASE | A0161 | 4-15-061: | 12NP |
| LEASE | A0168 | 5-17-055: | 6NWP |
| LEASE | A0175 | | |
| LEASE | A0176 | 5-17-061: | 4NP |
| LEASE | A0177 | 5-22-061: | 5SP |
| LEASE | A0180 | | |
| LEASE | A0184 | | |
| LEASE | A0189 | 6-11-082: | 30NP,SEP |
| LEASE | A0196 | 5-10-039: | 30S,NP |
| LEASE | A0197 | 5-14-041: | 2NP,SEP,SW |
| LEASE | A0198 | 5-14-041: | 3S,NW,NEP |
| LICENCE | B0210 | 6-01-064: | 17S,NW,NEP; 19 |
| | | 6-02-064: | 13P |
| LICENCE | B0211 | 6-01-065: | 31SP,NWP |
| LICENCE | B0212 | 6-02-065: | 1E,WP; 2NEP; 11SP,NWP,NE |
| LICENCE | B0222 | | |
| LICENCE | B0223 | 6-09-084: | 22S,NWP,NE |

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
 PROVINCIAL WILDLIFE HABITAT SPECIALIST
 EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
 9920 108 ST NW FLOOR 2
 EDMONTON AB T5K 2M4 (780) 422-3344

SHA006801 COLONIAL NESTING BIRDS

| | | LAND DESCRIPTION | |
|---------|-------|------------------|-------------------|
| LICENCE | B0203 | 4-14-013: | 3SP,NW,NEP; 4EP |
| LICENCE | B0204 | 4-14-013: | 9SEP; 10NP,SE,SWP |

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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GLENN MACK
 PROVINCIAL WILDLIFE HABITAT SPECIALIST
 EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
 9920 108 ST NW FLOOR 2
 EDMONTON AB T5K 2M4 (780) 422-3344

SHA007001 SPECIAL ACCESS ZONE

| | | LAND DESCRIPTION | |
|---------|-------|------------------|----------|
| LEASE | A0193 | 6-03-087: | 23SP,NWP |
| LICENCE | B0216 | | |
| LICENCE | B0217 | | |
| LICENCE | B0219 | 6-06-076: | 6SP |

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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 PROVINCIAL WILDLIFE HABITAT SPECIALIST
 EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

SHA007201 PIPING PLOVER
LAND DESCRIPTION
LEASE A0105 4-07-036: 27P
LEASE A0106 4-07-036: 28NP,SEP
LEASE A0107 4-07-036: 33SP
LEASE A0108 4-07-036: 34SWP,L11P
LEASE A0148 4-20-049: 28WP
LICENCE B0209 5-01-041: 28EP
5-01-042: 10EP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE
LAND DESCRIPTION

LEASE A0164
LEASE A0197 5-14-041: 2P
LEASE A0198 5-14-041: 3P
LEASE A0199
LEASE A0200
LEASE A0201
LEASE A0202

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
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EDMONTON AB T5K 2M4 (780) 422-3344

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

LEASE A0183
LICENCE B0213

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE

LAND DESCRIPTION

LEASE A0171
LEASE A0172
LEASE A0173
LEASE A0174
LEASE A0175
LEASE A0176
LEASE A0177
LEASE A0178
LEASE A0179 5-23-061: 14NEP
LEASE A0180

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA008301 CLEARWATER GRIZZLY BEAR ZONE

LAND DESCRIPTION

LEASE A0196
LEASE A0197 5-14-041: 2P
LEASE A0198 5-14-041: 3P

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA008401 CHINCHAGA GRIZZLY BEAR ZONE

LEASE A0193

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

LAND DESCRIPTION

LEASE A0193 6-02-087: 19P; 30P; 31P
6-03-087: 24P; 35P; 36P
LICENCE B0214 6-09-073: 35P

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 FEBRUARY 07 PUBLIC OFFERING NOTICE

TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER

| | | LAND DESCRIPTION | |
|---------|-------|------------------|--------------------|
| LEASE | A0170 | 5-14-056: | 16P |
| LEASE | A0193 | 6-02-087: | 19P; 30P; 31P |
| | | 6-03-087: | 24P; 25P; 35P; 36P |
| LICENCE | B0214 | 6-09-073: | 35P |

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

END