

2018 APRIL 04

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2018.04.04

| From | To | Total | Area |
|-----------------|-------|-------|-----------------|
| LEASES: A0001 | A0058 | 58 | 14,388.2480 ha. |
| LICENCES: B0059 | B0087 | 29 | 51,904.0000 ha. |
| | | ----- | |
| | | 87 | 66,292.2480 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 April 04**.

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 April 04** 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 | 256 | 4-02-025: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0002 | 256 | 4-12-025: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0003 | 256 | TRACT ONE 4-12-025: 14W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | | TRACT TWO 4-12-025: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE BANFF FM | (DRRZD 4) (DRRZD 9) |
| A0004 | 256 | 4-03-029: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0005 | 256 | 4-03-029: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0006 | 256 | 4-03-029: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0007 | 256 | 4-03-029: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0008 | 256 | 4-03-029: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0009 | 256 | 4-03-029: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0010 | 256 | 4-03-029: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0011 | 256 | 4-03-029: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0012 | 256 | 4-03-029: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|---|--------------------------|
| A0013 | 128 | 4-10-033: 13S PETROLEUM AND NATURAL GAS | |
| A0014 | 128 | 4-10-033: 24S PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0015 | 128 | 4-10-033: 24N PETROLEUM AND NATURAL GAS | |
| A0016 | 256 | TRACT ONE 4-23-037: 6N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| | | TRACT TWO 4-23-037: 6SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE NISKU FM | (DRRZD 4) (DRRZD 23) |
| A0017 | 256 | 4-24-037: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (DRRZD 6) |
| A0018 | 64 | 4-20-038: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP | (DRRZD 280) (DRRZD 4) |
| A0019 | 256 | 5-04-043: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP | (DRRZD 39) (DRRZD 4) |
| A0020 | 256 | 5-04-043: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE ROCK CREEK MBR | (DRRZD 4) (DRRZD 60) |
| A0021 | 64 | 4-04-050: 22SE PETROLEUM AND NATURAL GAS | |
| A0022 | 64 | 4-04-050: 24NE PETROLEUM AND NATURAL GAS | |
| A0023 | 768 | TRACT ONE 4-27-050: 14 PETROLEUM AND NATURAL GAS | |
| | | TRACT TWO 4-27-050: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM | (DRRZD 3) |
| | | TRACT THREE 4-27-050: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------------------------|----------|--|--|
| A0024 | 52.25 | 4-27-050: 36L7P,L8P,L11,L12 PORTION(S) LYING TO THE NORTH OF THE RIGHT BANK OF THE SASKATCHEWAN RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1894/10/23. 36L13P,L14P PORTION(S) LYING TO THE SOUTH OF THE LEFT BANK OF THE SASKATCHEWAN RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1894/10/23. PETROLEUM AND NATURAL GAS | |
| A0025 | 256 | 4-15-051: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP | (DRRZD 39) |
| A0026 | 1280 | TRACT ONE 4-20-059: 14; 21-23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE TOP OF THE ELK POINT GRP | (DRRZD 105) (DRRZD 284) |
| | | TRACT TWO 4-20-059: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP TO THE TOP OF THE ELK POINT GRP | (DRRZD 277) (DRRZD 284) |
| A0027 | 256 | 4-04-063: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP | (ADM001801) (IRS000602) (SHA006701) (DRRZD 4) |
| --- NORTHERN REGION --- | | | |
| A0028 | 256 | 5-07-045: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE ROCK CREEK MBR EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP | (DRRZD 280) (DRRZD 60) (DRRZD 4) |
| A0029 | 256 | 5-07-045: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM | (DRRZD 3) |
| A0030 | 256 | 5-05-046: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0031 | 256 | 5-06-046: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE JURASSIC SYSTEM | (DRRZD 280) (DRRZD 90) |
| A0032 | 128 | 5-06-046: 10E PETROLEUM AND NATURAL GAS TO THE BASE OF THE JURASSIC SYSTEM | (DRRZD 90) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|--|--|
| A0033 | 256 | 5-06-046: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE JURASSIC SYSTEM | (NAT004501) (DRRZD 90) |
| A0034 | 256 | 5-06-046: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE JURASSIC SYSTEM | (DRRZD 90) |
| A0035 | 256 | 5-06-046: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE JURASSIC SYSTEM | (PRA002601) (DRRZD 90) |
| A0036 | 128 | 5-06-046: 15E PETROLEUM AND NATURAL GAS TO THE BASE OF THE JURASSIC SYSTEM | (DRRZD 90) |
| A0037 | 256 | 5-14-046: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR | (SHA007901) (DRRZD 60) |
| A0038 | 256 | 5-14-046: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR | (SHA006701) (SHA007901) (DRRZD 60) |
| A0039 | 256 | 5-12-052: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR | (DRRZD 66) |
| A0040 | 256 | 5-09-055: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM | (DRRZD 30) |
| A0041 | 64 | 5-22-055: 23SW NATURAL GAS IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (ESZ000301) (SHA006701) (ZD 334) (DRRZD 67) |
| A0042 | 256 | 5-18-056: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD | (DRRZD 22) (DRRZD 21) |
| A0043 | 256 | 5-20-058: 2 PETROLEUM AND NATURAL GAS | (ESZ000301) (SHA006701) (SHA008201) |
| A0044 | 256 | 5-17-060: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BULLHEAD GRP | (SHA003301) (SHA006701) (SHA008201) (DRRZD 22) (DRRZD 21) (ZD 3116) |

PETROLEUM AND NATURAL GAS LEASES

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| LEASE | HECTARES | LAND DESCRIPTION | |
|-------|----------|---|--|
| A0045 | 256 | 5-18-060: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUNVEGAN FM | (SHA008201) (DRRZD 22) (DRRZD 38) |
| A0046 | 256 | TRACT ONE 5-15-061: 4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TRACT TWO 5-15-061: 4W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM TRACT THREE 5-15-061: 4SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM | (SHA006701) (SHA008201) (DRRZD 21) (DRRZD 67) (DRRZD 22) |
| A0047 | 64 | 5-15-061: 4SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD | (SHA006701) (SHA008201) (DRRZD 21) |
| A0048 | 512 | 5-26-063: 28E; 29W; 32NE; 33N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (ESZ000101) (SHA006701) (SHA008201) (DRRZD 37) |
| A0049 | 512 | 5-26-063: 28E; 29W; 32NE; 33N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM | (ESZ000101) (SHA006701) (SHA008201) (DRRZD 37) |
| A0050 | 256 | 6-02-063: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD | (DRRZD 21) |
| A0051 | 256 | 5-15-064: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM | (SHA008001) (DRRZD 6) |
| A0052 | 256 | 5-15-064: 31 PETROLEUM AND NATURAL GAS | (SHA007001) (SHA008001) |
| A0053 | 128 | 5-16-064: 36S PETROLEUM AND NATURAL GAS | (SHA007001) (SHA008001) |
| A0054 | 256 | 5-18-064: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE TRIASSIC SYSTEM EXCEPTING NATURAL GAS IN THE NOTIKWIN MBR | (DRRZD 6) (DRRZD 37) (ZD 191) |

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| LEASE | HECTARES | LAND DESCRIPTION | |
|--------------------------|-----------|---|---|
| A0055 | 64 | | (TSH003401) (TSH003501) |
| | | 6-08-072: 13SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM | (DRRZD 246) |
| A0056 | 128 | | (ADM001901) (SHA007001) (SHA008401) |
| | | 5-24-085: 18E PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (DRRZD 153) |
| A0057 | 192 | | (ADM001901) (SHA007001) (SHA008401) |
| | | 5-24-085: 19N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (DRRZD 153) |
| --- FOOTHILLS REGION --- | | | |
| A0058 | 64 | | |
| | | 5-03-018: 24SW PETROLEUM AND NATURAL GAS | |
| 58 | 14,388.25 | HA TOTALS | END |

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| LICENCE | HECTARES | LAND DESCRIPTION | |
|-------------------------|-----------|--|--|
| --- PLAINS REGION --- | | | |
| B0059 | 1792 | | |
| | TRACT ONE | 4-23-001: 4-6; 9; 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| | TRACT TWO | 4-23-001: 15; 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM | (DRRZD 160) |
| B0060 | 2048 | | |
| | TRACT ONE | 4-23-001: 7; 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| | TRACT TWO | 4-23-001: 17; 20; 21; 29-31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM | (DRRZD 160) |
| --- NORTHERN REGION --- | | | |
| B0061 | 256 | | (SHA006701) |
| | | 5-14-060: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM | (DRRZD 287) |
| B0062 | 3584 | | (SHA001501) (SHA006701) (SHA008201) |
| | | 5-15-060: 13-15; 22; 23; 25-28; 34-36 5-15-061: 1; 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| B0063 | 4352 | | (SHA006701) (SHA008001) (SHA008201) |
| | TRACT ONE | 5-15-060: 13-15; 23; 25; 26; 28; 35; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE PEKISKO FM | (DRRZD 21) (DRRZD 30) |
| | TRACT TWO | 5-15-061: 1-3; 9-13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE SHUNDA FM | (DRRZD 21) (DRRZD 29) |
| B0064 | 7424 | | (SHA001501) (SHA006701) (SHA008001) (SHA008201) |
| | TRACT ONE | 5-15-061: 1-3; 5; 8-14; 16; 17; 20; 23 5-16-061: 13; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM TO THE BASE OF THE WABAMUN GRP | (DRRZD 29) (DRRZD 277) |
| | TRACT TWO | 5-15-060: 13-15; 22; 23; 25-28; 34-36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE WABAMUN GRP | (DRRZD 30) (DRRZD 277) |

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| LICENCE | HECTARES | LAND DESCRIPTION | |
|---------|-----------|--|---|
| B0065 | 1792 | | (SHA006701) (SHA008001) (SHA008201) |
| | TRACT ONE | 5-15-060: 22; 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM | (DRRZD 30) |
| | TRACT TWO | 5-15-061: 5; 8; 14; 16; 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SHUNDA FM | (DRRZD 29) |
| B0066 | 256 | | (SHA006701) (SHA008201) |
| | | 5-15-060: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM | (DRRZD 67) |
| B0067 | 256 | | (SHA001501) (SHA006701) (SHA008201) |
| | | 5-15-060: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE PEKISKO FM | (DRRZD 22) (DRRZD 30) |
| B0068 | 3328 | | (SHA003301) (SHA006701) (SHA008201) |
| | TRACT ONE | 5-16-060: 14; 17; 18 5-17-060: 13-15; 22-24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| | TRACT TWO | 5-16-060: 9; 15; 16; 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP | (DRRZD 80) |
| B0069 | 4608 | | (SHA003301) (SHA003501) (SHA003901) (SHA006701) (SHA008201) |
| | TRACT ONE | 5-16-060: 17-19; 29-33 5-17-060: 13-15; 22-26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE WABAMUN GRP | (DRRZD 30) (DRRZD 277) |
| | TRACT TWO | 5-16-060: 14; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM TO THE BASE OF THE WABAMUN GRP | (DRRZD 255) (DRRZD 277) |
| B0070 | 3840 | | (SHA003301) (SHA003501) (SHA003901) (SHA006701) (SHA008201) |
| | | 5-16-060: 17-19; 30-33 5-17-060: 13-15; 22-26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE PEKISKO FM | (DRRZD 21) (DRRZD 30) |

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| LICENCE | HECTARES | LAND DESCRIPTION | |
|---------|----------|--|---|
| B0071 | 2560 | 5-16-060: 19; 20; 28-33 5-17-060: 25; 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP | (SHA003501) (SHA003901) (SHA006701) (SHA008201) (DRRZD 277) |
| B0072 | 256 | 5-16-060: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM TO THE BASE OF THE WABAMUN GRP | (SHA006701) (SHA008201) (DRRZD 255) (DRRZD 277) |
| B0073 | 1024 | 5-16-060: 21; 22; 26; 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP | (SHA006701) (SHA008201) (DRRZD 80) |
| B0074 | 256 | 5-16-060: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM | (SHA003901) (SHA006701) (SHA008201) (DRRZD 30) |
| B0075 | 4096 | 5-15-061: 3; 5; 8-14; 16; 17; 19; 20; 23 5-16-061: 13; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP | (SHA006701) (SHA008001) (SHA008201) (DRRZD 277) |
| B0076 | 1024 | 5-15-061: 17; 20 5-16-061: 13; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE SHUNDA FM | (SHA008001) (SHA008201) (DRRZD 66) (DRRZD 29) |
| B0077 | 256 | 5-15-061: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM TO THE BASE OF THE WABAMUN GRP | (SHA008001) (SHA008201) (DRRZD 255) (DRRZD 277) |
| B0078 | 768 | 5-26-064: 6; 7 5-27-064: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM | (ESZ000101) (SHA006701) (SHA008201) (DRRZD 37) |
| B0079 | 768 | 5-26-064: 6; 7 5-27-064: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM | (ESZ000101) (SHA006701) (SHA008201) (DRRZD 37) |

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| LICENCE | HECTARES | LAND DESCRIPTION | |
|--------------------------|----------|---|---|
| B0080 | 4096 | | (ESZ000301) (SHA006701) (SHA008201) |
| TRACT ONE | | 6-08-064: 17; 20 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE SPIRIT RIVER FM | (DRRZD 22) |
| TRACT TWO | | 6-08-064: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM | (DRRZD 22) |
| TRACT THREE | | 6-08-064: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP | (DRRZD 38) (DRRZD 276) |
| TRACT FOUR | | 6-07-064: 19 6-08-064: 10-15; 21; 22; 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD | (DRRZD 21) |
| TRACT FIVE | | 6-08-064: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR TO THE BASE OF THE DUNVEGAN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP | (DRRZD 77) (DRRZD 38) (DRRZD 276) |
| TRACT SIX | | 6-08-064: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP | (DRRZD 276) |
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| B0081 | 256 | 6-06-073: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM | (DRRZD 246) |
| ----- | | | |
| B0082 | 768 | 5-25-085: 26; 35; 36 PETROLEUM AND NATURAL GAS | (SHA007001) (SHA008401) |
| ----- | | | |
| --- Foothills Region --- | | | |
| B0083 | 448 | | (SHA007901) |
| TRACT ONE | | 5-15-042: 2S,NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE SPIRIT RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE RUNDLE GRP | (DRRZD 22) (DRRZD 21) (ZD 2713) |
| TRACT TWO | | 5-14-041: 31E 5-15-042: 2NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP | (DRRZD 27) |
| TRACT THREE | | 5-14-041: 31SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM | (DRRZD 3) |
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| LICENCE | HECTARES | LAND DESCRIPTION | |
|---------|-------------|--|---------------------------------------|
| B0084 | 256 | | (SHA007901) |
| | TRACT ONE | 5-15-042: 3S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE RUNDLE GRP | (ZD 2713) |
| | TRACT TWO | 5-15-042: 3N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP | (DRRZD 27) |
| ----- | | | |
| B0085 | 768 | | (SHA007901) |
| | TRACT ONE | 5-15-042: 16NW; 17N; 20S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE RUNDLE GRP | (ZD 2713) |
| | TRACT TWO | 5-15-042: 16NE PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP | (DRRZD 3) (ZD 2713) |
| | TRACT THREE | 5-15-042: 16S; 17S; 20N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP | (DRRZD 27) |
| ----- | | | |
| B0086 | 512 | | (SHA007901) |
| | TRACT ONE | 5-15-042: 21S PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP | (DRRZD 3) (ZD 2713) |
| | TRACT TWO | 5-15-042: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM | (DRRZD 3) |
| | TRACT THREE | 5-15-042: 21N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP | (DRRZD 27) |
| ----- | | | |
| B0087 | 256 | | (SHA006701) (SHA007901) |
| | | 5-15-042: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE TRIASSIC SYSTEM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP | (DRRZD 3) (DRRZD 56) (DRRZD 27) |
| ----- | | | |
| 29 | 51,904.00 | HA TOTALS | END |

ZONE DESIGNATIONS APPLICABLE TO THE 2018 APRIL 04 PUBLIC OFFERING NOTICE

ZD: 191 ZONE: 2660 NOTIKWIN MBR

INTERVAL: 4844.00 - 4853.00 FEET
KEY WELL: 00/05-05-064-18W5/0
LOG TYPE: ELECTRICAL

ZD: 334 ZONE: 7040 WOODBEND GRP

INTERVAL: 12100.00 - 12750.00 FEET
KEY WELL: 00/08-26-055-22W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 2140 VIKING FM

INTERVAL: 8060.00 - 8204.00 FEET
KEY WELL: 02/08-26-055-22W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

ZD: 3116 ZONE: 3240 BULLHEAD GRP

INTERVAL: 6140.00 - 6283.00 FEET
KEY WELL: 00/07-16-060-17W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 APRIL 04 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: 9 ZONE: 6440 BANFF FM

INTERVAL: 4513.00 - 4971.00 FEET
KEY WELL: 00/07-03-031-20W4/0
LOG TYPE: GAMMA RAY-SONIC

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

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: 29 ZONE: 6400 SHUNDA FM

INTERVAL: 11048.00 - 11229.00 FEET
KEY WELL: 00/07-24-041-12W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 APRIL 04 PUBLIC OFFERING NOTICE

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: 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: 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: 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: 67 ZONE: 7200 LEDUC FM

INTERVAL: 8554.00 - 9100.00 FEET
KEY WELL: 00/06-33-060-15W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 77 ZONE: 1540 CHINOOK MBR

INTERVAL: 4532.00 - 4656.00 FEET
KEY WELL: 00/11-27-064-09W6/0
LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 80 ZONE: 6700 WINTERBURN GRP

INTERVAL: 8452.00 - 8914.00 FEET
KEY WELL: 00/10-07-060-17W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 90 ZONE: 4000 JURASSIC SYSTEM

INTERVAL: 7052.00 - 7148.00 FEET
KEY WELL: 00/06-29-039-03W5/0
LOG TYPE: INDUCTION ELECTROLOG

DRRZD: 105 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1530.00 - 1590.00 FEET
KEY WELL: 00/07-33-059-21W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 153 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2573.00 - 2707.00 FEET
KEY WELL: 00/07-16-083-23W5/2
LOG TYPE: DUAL INDUCTION-LATEROLOG

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 APRIL 04 PUBLIC OFFERING NOTICE

DRRZD: 160 ZONE: 6440 BANFF FM

INTERVAL: 2863.00 - 2989.00 METRES
KEY WELL: 00/14-28-002-25W4/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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: 255 ZONE: 6440 BANFF FM

INTERVAL: 2690.00 - 2892.00 METRES
KEY WELL: 00/01-18-066-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 276 ZONE: 4140 FERNIE GRP

INTERVAL: 2048.00 - 2151.00 METRES
KEY WELL: 00/13-01-074-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 277 ZONE: 6580 WABAMUN GRP

INTERVAL: 10452.00 - 11198.00 FEET
KEY WELL: 00/03-10-063-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

DRRZD: 287 ZONE: 7285 DUVERNAY-MAJEAU LAKE FM

INTERVAL: 3274.00 - 3334.00 METRES
KEY WELL: 00/03-32-063-22W5/0
LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 APRIL 04 PUBLIC OFFERING NOTICE

ADM001801 COLD LAKE OIL SANDS DESIGNATED AREA

LEASE A0027

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

ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1

LEASE A0056

LEASE A0057

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

ESZ000101 EASTERN SLOPES POLICY ZONE 2

LAND DESCRIPTION
LEASE A0048 5-26-063: 33NP,SEP
LEASE A0049 5-26-063: 32NEP; 33NP
LICENCE B0078 5-26-064: 6P; 7
5-27-064: 1P
LICENCE B0079 5-26-064: 6P; 7
5-27-064: 1P

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 A0041
LEASE A0043 5-20-058: 2NP,SWP
LICENCE B0080 6-08-064: 7WP

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

IRS000602 COLD LAKE

LAND DESCRIPTION
LEASE A0027 4-04-063: 9L15,L16

ALL LAND(S) IS/ARE WITHIN THE COLD LAKE SUBREGIONAL INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE LIND
LAND MANAGEMENT SPECIALIST
LAC LA BICHE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
PO BOX 450
LAC LA BICHE AB T0A 2C0 (780) 623-5240

NAT004501 BUCK LAKE

LAND DESCRIPTION
LEASE A0033 5-06-046: 11SEP

ALL LAND(S) IS/ARE WITHIN A NATURAL AREA, ESTABLISHED UNDER THE PUBLIC LANDS ACT.

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 APRIL 04 PUBLIC OFFERING NOTICE

PRA002601 CALHOUN BAY
LAND DESCRIPTION
LEASE A0035 5-06-046: 13NP

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

SHA001501 WATERCOURSE PROTECTION
LAND DESCRIPTION
LICENCE B0062 5-15-060: 34L1P, L2P, L7P, L8P, L9S, L10S, L11P, L12P
LICENCE B0064 5-15-060: 34L1P, L2P, L7P, L8P, L9S, L10S, L11P, L12P
LICENCE B0067 5-15-060: 34L1P, L2P, L7P, L8P, L9S, L10S, L11P, L12P

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
LANDS OFFICER
WHITECOURT OFFICE
WHITECOURT REGIONAL HEADQUARTERS - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
5020 52 AVE SUITE 224
WHITECOURT AB T7S 1N2 (780) 778-7153

SHA003301 UNGULATE WINTER RANGE
LAND DESCRIPTION
LEASE A0044 5-17-060: 21L3, L6-L10, L16
LICENCE B0068 5-17-060: 22L13, L14
LICENCE B0069 5-17-060: 22L13, L14
LICENCE B0070 5-17-060: 22L13, L14

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
CURTIS STAMBAUGH
AREA WILDLIFE BIOLOGIST
WHITECOURT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
PROVINCIAL BUILDING
5020 52 AVE
WHITECOURT AB T7S 1N2 (780) 778-7119

SHA003501 UNGULATE MIGRATION CORRIDOR
LAND DESCRIPTION
LICENCE B0069 5-16-060: 28NP; 33SP
LICENCE B0070 5-16-060: 33SP
LICENCE B0071 5-16-060: 28NP; 33SP

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
CURTIS STAMBAUGH
AREA WILDLIFE BIOLOGIST
WHITECOURT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
PROVINCIAL BUILDING
5020 52 AVE
WHITECOURT AB T7S 1N2 (780) 778-7119

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 APRIL 04 PUBLIC OFFERING NOTICE

| SHA006701 | KEY WILDLIFE AND BIODIVERSITY ZONES | | |
|-----------|-------------------------------------|-----------|---|
| | LAND DESCRIPTION | | |
| LEASE | A0027 | 4-04-063: | 9SP |
| LEASE | A0038 | 5-14-046: | 16NP |
| LEASE | A0041 | 5-22-055: | 23SWP |
| LEASE | A0043 | 5-20-058: | 2NP, SWP |
| LEASE | A0044 | | |
| LEASE | A0046 | 5-15-061: | 4S, NP |
| LEASE | A0047 | | |
| LEASE | A0048 | 5-26-063: | 29WP; 32NE; 33NP |
| LEASE | A0049 | 5-26-063: | 29WP; 32NE; 33NP |
| LICENCE | B0061 | | |
| LICENCE | B0062 | 5-15-060: | 22NWP; 25N, SE, SWP; 26SP, N; 27SP, N; 28SP, N; 34; 35; 36S, NP |
| | | 5-15-061: | 1SWP; 2SP |
| LICENCE | B0063 | 5-15-060: | 25N, SE, SWP; 26SP, N; 28SP, N; 35; 36S, NP |
| | | 5-15-061: | 1SWP; 2SP; 3SP, NWP; 9SWP |
| LICENCE | B0064 | 5-15-060: | 22NWP; 25N, SE, SWP; 26SP, N; 27SP, N; 28SP, N; 34; 35; 36S, NP |
| | | 5-15-061: | 1SWP; 2SP; 3SP, NWP; 5S, NP; 9SWP |
| LICENCE | B0065 | 5-15-060: | 22NWP; 27SP, N |
| | | 5-15-061: | 5S, NP |
| LICENCE | B0066 | | |
| LICENCE | B0067 | | |
| LICENCE | B0068 | 5-16-060: | 23NP |
| | | 5-17-060: | 14NP, SWP; 15SP, N; 22; 23N, SEP, SW; 24NP, SWP |
| LICENCE | B0069 | 5-16-060: | 19NP, SEP; 28-33 |
| | | 5-17-060: | 14NP, SWP; 15SP, N; 22; 23N, SEP, SW; 24NP, SWP; 25; 26 |
| LICENCE | B0070 | 5-16-060: | 19NP, SEP; 30-33 |
| | | 5-17-060: | 14NP, SWP; 15SP, N; 22; 23N, SEP, SW; 24NP, SWP; 25; 26 |
| LICENCE | B0071 | 5-16-060: | 19NP, SEP; 20SP, N; 28-33 |
| | | 5-17-060: | 25; 26 |
| LICENCE | B0072 | 5-16-060: | 20SP, N |
| LICENCE | B0073 | 5-16-060: | 21NP, SWP; 22NP; 26N, SEP, SW; 27 |
| LICENCE | B0074 | | |
| LICENCE | B0075 | 5-15-061: | 3SP, NWP; 5S, NP; 9SWP |
| LICENCE | B0078 | 5-26-064: | 6; 7SP, NEP |
| | | 5-27-064: | 1NP, SE, SWP |
| LICENCE | B0079 | 5-26-064: | 6; 7SP, NEP |
| | | 5-27-064: | 1NP, SE, SWP |
| LICENCE | B0080 | 6-08-064: | 7NP, SEP, SW; 10WP; 12SEP; 18WP |
| LICENCE | B0087 | 5-15-042: | 30SP |

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

SHA007001 SPECIAL ACCESS ZONE

LAND DESCRIPTION

| | | | |
|---------|-------|-----------|------------|
| LEASE | A0052 | 5-15-064: | 31S,NW,NEP |
| LEASE | A0053 | 5-16-064: | 36SEP |
| LEASE | A0056 | | |
| LEASE | A0057 | | |
| LICENCE | B0082 | | |

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

SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE

| | |
|---------|-------|
| LEASE | A0037 |
| LEASE | A0038 |
| LICENCE | B0083 |
| LICENCE | B0084 |
| LICENCE | B0085 |
| LICENCE | B0086 |
| LICENCE | B0087 |

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

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

LAND DESCRIPTION

| | | | |
|---------|-------|-----------|-----------------------------|
| LEASE | A0051 | | |
| LEASE | A0052 | | |
| LEASE | A0053 | | |
| LICENCE | B0063 | 5-15-061: | 12P; 13P |
| LICENCE | B0064 | 5-15-061: | 12P; 13P; 14P; 20P; 23 |
| | | 5-16-061: | 24P |
| LICENCE | B0065 | 5-15-061: | 14P; 23 |
| LICENCE | B0075 | 5-15-061: | 12P; 13P; 14P; 19P; 20P; 23 |
| | | 5-16-061: | 24P |
| LICENCE | B0076 | 5-15-061: | 20P |
| | | 5-16-061: | 24P |
| LICENCE | B0077 | 5-15-061: | 19P |

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 APRIL 04 PUBLIC OFFERING NOTICE

| SHA008201 | GRANDE CACHE GRIZZLY BEAR ZONE | |
|------------------|---------------------------------------|---|
| | LAND DESCRIPTION | |
| LEASE | A0043 | |
| LEASE | A0044 | |
| LEASE | A0045 | 5-18-060: 26P |
| LEASE | A0046 | 5-15-061: 4P |
| LEASE | A0047 | |
| LEASE | A0048 | |
| LEASE | A0049 | |
| LICENCE | B0062 | 5-15-060: 27P; 28P; 34P |
| LICENCE | B0063 | 5-15-060: 28P |
| | | 5-15-061: 3P; 9P |
| LICENCE | B0064 | 5-15-060: 27P; 28P; 34P |
| | | 5-15-061: 3P; 5; 8; 9P; 16P; 17; 20P |
| | | 5-16-061: 13; 24P |
| LICENCE | B0065 | 5-15-060: 27P |
| | | 5-15-061: 5; 8; 16P |
| LICENCE | B0066 | |
| LICENCE | B0067 | 5-15-060: 34P |
| LICENCE | B0068 | |
| LICENCE | B0069 | |
| LICENCE | B0070 | |
| LICENCE | B0071 | |
| LICENCE | B0072 | |
| LICENCE | B0073 | |
| LICENCE | B0074 | |
| LICENCE | B0075 | 5-15-061: 3P; 5; 8; 9P; 16P; 17; 19P; 20P |
| | | 5-16-061: 13; 24P |
| LICENCE | B0076 | 5-15-061: 17; 20P |
| | | 5-16-061: 13; 24P |
| LICENCE | B0077 | 5-15-061: 19P |
| LICENCE | B0078 | 5-26-064: 6P; 7P |
| | | 5-27-064: 1P |
| LICENCE | B0079 | 5-26-064: 6P; 7P |
| | | 5-27-064: 1P |
| LICENCE | B0080 | |

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 A0056
 LEASE A0057
 LICENCE B0082

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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 9920 108 ST NW FLOOR 2
 EDMONTON AB T5K 2M4 (780) 422-3344

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

LAND DESCRIPTION

LEASE A0055 6-08-072: 13SWP

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

TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER

LAND DESCRIPTION

LEASE A0055 6-08-072: 13SWP

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

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9920 108 ST NW FLOOR 2

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END