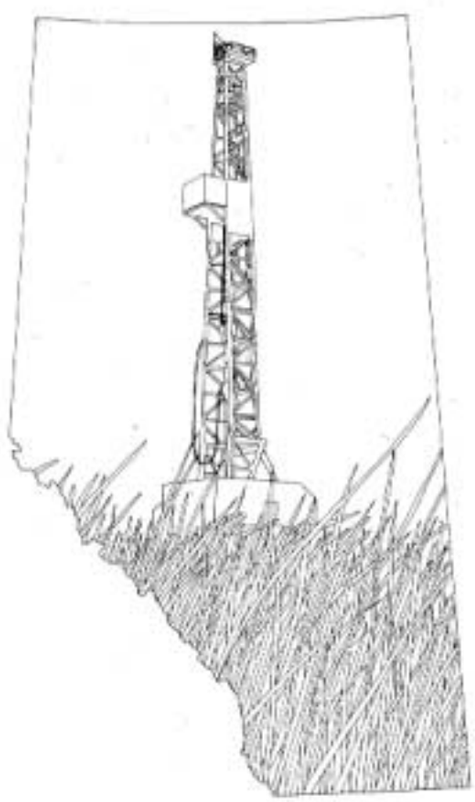
2005 APRIL 20
12 noon, CALGARY

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta ENERGY

PUBLIC OFFERING CONTROL COUNTS FOR 2005.04.20

| | From | To | Total | Area |
|---|---|---|---|---|
| LEASES: | A0363 | A0532 | 170 | 37,314.8000 ha. |
| LICENCES: | B0533 | B0554 | 22 | 21,440.0000 ha. |
| | | | 192 | 58,754.8000 ha. |

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS

(available on our internet site at http://www.energy.gov.ab.ca)

## 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 2005 April 20.**

## AMOUNT OF PAYMENT

1. Your bid letter should mention only the one total dollar amount consisting of bonus, rent at $3.50/ha or $50.00, whichever is greater, and a fee of $625.00.
2. An 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. Only by electronic funds transfer (EFT).
2. Payment by cheque will only be accepted if it meets the criteria for exception mentioned in IL 99-3.
3. 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.

## HOW TO SUBMIT BIDS

1. Bids for leases should be enclosed in one sealed envelope with **"Lease Bids - 2005 April 20"** indicated on the outside of the envelope.
2. Bids for licences should be enclosed in one sealed envelope with **"Licence Bids - 2005 April 20"** indicated on the outside of the envelope.
3. Bids should be deposited in either the box marked "P&NG LEASE BIDS" or "P&NG LICENCE BIDS", or handed or mailed to any person acting for the Manager, P&NG Agreement Sales, at either the Calgary address - 3rd Floor, Monenco Place, 801 - 6 Avenue SW, T2P 3W2, or the Edmonton address - 7th Floor, Petroleum Plaza North Tower, 9945 - 108 Street, T5K 2G6.

**BIDS ARE ACCEPTED UNTIL 12:00 NOON ON THE PUBLIC OFFERING DATE. NO EXCEPTIONS.**

## REMEMBER

1. 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 Notice are expected to bid on all postings that they have requested.
3. 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.
4. Attached to this notice are APPENDIX 1 and APPENDIX 2 containing applicable Zone Designations (ZD's) and Deeper Rights Reversion Zone Designations (DRRZD's) 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).

## RESULTS OF THE PUBLIC OFFERING

1. Your accepted bids will be published on **2005 April 21** at 9 a.m. at the two addresses shown under the section above entitled "HOW TO SUBMIT BIDS", and on the Internet.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

2005 February 23
EDMONTON, Alberta

Retha Purkis - Manager
P&NG Agreement Sales

2005, APRIL 20

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| | | --- PLAINS REGION --- | |
| A0363 | 256 | 4-09-001: 28<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0364 | 256 | 4-09-001: 29<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0365 | 256 | 4-15-001: 14<br>PETROLEUM AND NATURAL GAS | |
| A0366 | 256 | 4-15-001: 15<br>PETROLEUM AND NATURAL GAS | |
| A0367 | 256 | 4-15-001: 16<br>PETROLEUM AND NATURAL GAS | |
| A0368 | 256 | 4-09-005: 10<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0369 | 256 | 4-06-009: 28<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0370 | 256 | 4-06-009: 32<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0371 | 32 | 4-14-011: 17L10,L15<br>PETROLEUM AND NATURAL GAS | |
| A0372 | 256 | 4-17-012: 2<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BOW ISLAND SD | (DRRZD 8) |
| A0373 | 192 | 4-17-012: 12S,NE<br>PETROLEUM AND NATURAL GAS | |
| A0374 | 192 | 4-18-013: 17N,SW<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BASAL COLORADO SD | (DRRZD 48) |
| A0375 | 256 | 4-19-015: 25<br>PETROLEUM AND NATURAL GAS | |
| A0376 | 256 | 4-19-016: 4<br>PETROLEUM AND NATURAL GAS | |
| A0377 | 256 | 4-20-016: 36<br>PETROLEUM AND NATURAL GAS | |

**2005, APRIL 20**

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0378 | 128 | 4-09-022: 3N<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0379 | 128 | 4-09-022: 4N<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0380 | 256 | 4-09-022: 9<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE MEDICINE HAT SD | (DRRZD 12) |
| A0381 | 256 | 4-13-029: 18<br>PETROLEUM AND NATURAL GAS | |
| A0382 | 256 | 4-13-029: 20<br>PETROLEUM AND NATURAL GAS | |
| A0383 | 256 | 4-13-029: 28<br>PETROLEUM AND NATURAL GAS | |
| A0384 | 256 | 4-13-029: 29<br>PETROLEUM AND NATURAL GAS | |
| A0385 | 256 | 4-13-029: 32<br>PETROLEUM AND NATURAL GAS | |
| A0386 | 256 | 4-14-029: 36<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0387 | 256 | 4-03-030: 31<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MILK RIVER FM | (DRRZD 11) |
| A0388 | 256 | 4-04-030: 35<br>PETROLEUM AND NATURAL GAS | |
| A0389 | 256 | 4-13-030: 6<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0390 | 128 | 4-14-030: 3W<br>PETROLEUM AND NATURAL GAS | |
| A0391 | 256 | 4-14-030: 16<br>PETROLEUM AND NATURAL GAS | |
| A0392 | 256 | 4-14-030: 17<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0393 | 256 | 4-14-030: 19<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0394 | 256 | 4-14-030: 21<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0395 | 256 | 4-15-030: 13<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0396 | 256 | 4-15-030: 24<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>SECOND WHITE SPECKS | (DRRZD 13) |
| A0397 | 256 | 5-03-030: 6<br>PETROLEUM AND NATURAL GAS | |
| A0398 | 256 | 5-03-030: 14<br>PETROLEUM AND NATURAL GAS | |
| A0399 | 256 | 4-18-031: 1<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BELLY RIVER GRP | (DRRZD 39) |
| A0400 | 256 | 4-02-035: 5<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0401 | 256 | 4-02-035: 6<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0402 | 128 | 4-02-035: 32W<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0403 | 256 | 4-03-035: 1<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0404 | 256 | | |
| | | TRACT ONE 4-04-035: 35S<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 174) |
| | | TRACT TWO 4-04-035: 35N<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0405 | 256 | 4-24-035: 28<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BELLY RIVER GRP | (DRRZD 39) |
| A0406 | 128 | 4-02-036: 5W<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0407 | 256 | 4-02-036: 17<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0408 | 256 | 4-03-036: 4<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0409 | 192 | 4-03-036: 21N,SE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0410 | 256 | 4-03-036: 22<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0411 | 256 | 4-03-036: 23<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 1035-1) |
| A0412 | 256 | 4-03-036: 24<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0413 | 256 | 4-03-036: 25<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 1035-1) |
| A0414 | 256 | 4-03-036: 27<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0415 | 256 | 4-04-036: 2<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0416 | 256 | 4-04-036: 3<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 1039-1) |
| A0417 | 256 | 4-04-036: 10<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 1039-1) |
| A0418 | 256 | 4-04-036: 11<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0419 | 256 | 4-04-036: 14<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 1039-1) |
| A0420 | 256 | 4-18-037: 28<br>PETROLEUM AND NATURAL GAS | |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0421 | 256 | 4-08-039: 22<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0422 | 256 | 4-08-039: 28<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0423 | 256 | 4-08-039: 32<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0424 | 256 | 4-22-044: 18<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BELLY RIVER GRP | (DRRZD 39) |
| A0425 | 256 | 4-22-044: 22<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BELLY RIVER GRP | (DRRZD 39) |
| A0426 | 256 | 4-22-044: 29<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BELLY RIVER GRP | (DRRZD 39) |
| A0427 | 256 | 4-22-045: 12<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0428 | 256 | 4-22-045: 16<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0429 | 256 | 4-22-045: 24<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0430 | 64 | 4-27-045: 10NE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MANNVILLE GRP | (DRRZD 4) |
| A0431 | 64 | 4-27-045: 16NE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MANNVILLE GRP | (DRRZD 4) |
| A0432 | 64 | 4-27-045: 20NE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MANNVILLE GRP | (DRRZD 4) |
| A0433 | 256 | 4-14-055: 2<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE MANNVILLE GRP<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>NISKU FM | (DRRZD 4)<br><br>(DRRZD 23) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0434 | 128 | | |
| | | 4-21-056: 25E | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |
| | | EXCEPTING PETROLEUM AND NATURAL GAS IN THE LEDUC FM | (DRRZD 65) |
| A0435 | 16 | | |
| | | 4-21-057: 1L7 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |
| A0436 | 16 | | |
| | | 4-21-057: 1L5 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |
| A0437 | 128 | | |
| TRACT ONE | | 4-21-057: 1L9,L10 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |
| TRACT TWO | | 4-21-057: 1NW,L15,L16 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |
| | | EXCEPTING PETROLEUM AND NATURAL GAS IN THE LEDUC FM | (DRRZD 65) |
| A0438 | 16 | | |
| | | 4-21-057: 3L1 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |
| A0439 | 256 | | |
| | | 4-27-057: 12 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0440 | 256 | | |
| | | 4-27-057: 14 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | MANNVILLE GRP | (DRRZD 4) |
| A0441 | 256 | | |
| | | 4-24-058: 20 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | EXCEPTING NATURAL GAS IN THE VIKING FM | (ZD 2665) |
| A0442 | 64 | | |
| | | 4-24-059: 27SE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | WABAMUN GRP | (DRRZD 277) |
| A0443 | 64 | | |
| | | 4-24-059: 27NE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | WABAMUN GRP | (DRRZD 277) |
| A0444 | 64 | | |
| | | 4-24-059: 33NW | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | MANNVILLE GRP | (DRRZD 4) |
| A0445 | 64 | | |
| | | 4-24-059: 33NE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | MANNVILLE GRP | (DRRZD 4) |
| A0446 | 256 | | |
| | | 4-16-060: 33 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | VIKING FM | (DRRZD 6) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0447 | 256 | 4-17-061: 23<br>PETROLEUM AND NATURAL GAS | |
| A0448 | 256 | 4-17-061: 26<br>PETROLEUM AND NATURAL GAS | |
| A0449 | 256 | 4-17-061: 27<br>PETROLEUM AND NATURAL GAS | |
| A0450 | 256 | 4-06-062: 11<br>PETROLEUM AND NATURAL GAS | (ADM001801) |
| | | **--- NORTHERN REGION ---** | |
| A0451 | 64 | 5-05-038: 24SE<br>PETROLEUM AND NATURAL GAS | |
| A0452 | 64 | 5-05-038: 24SW<br>PETROLEUM AND NATURAL GAS | |
| A0453 | 64 | 5-05-038: 24NW<br>PETROLEUM AND NATURAL GAS | |
| A0454 | 64 | 5-05-038: 24NE<br>PETROLEUM AND NATURAL GAS | |
| A0455 | 128 | 5-06-039: 3E<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| A0456 | 128 | 5-06-039: 3W<br>PETROLEUM AND NATURAL GAS | |
| A0457 | 256 | 5-06-039: 4<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MANNVILLE GRP | (DRRZD 4) |
| A0458 | 256 | 5-06-041: 24<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MANNVILLE GRP | (DRRZD 4) |
| A0459 | 256 | 5-10-042: 20<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE MANNVILLE GRP | (IR2000201)<br>(DRRZD 4) |
| A0460 | 256 | 5-07-045: 15<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>MANNVILLE GRP | (DRRZD 4) |
| A0461 | 256 | 5-07-045: 23<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0462 | 256 | | |
| | | 5-10-046: 19 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | BANFF FM | (DRRZD 57) |
| A0463 | 64 | | |
| | | 5-05-050: 12SE | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE BANFF FM | (DRRZD 57) |
| A0464 | 64 | | |
| | | 5-07-050: 6SE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | CARDIUM FM | (DRRZD 3) |
| A0465 | 64 | | |
| | | 5-07-050: 6SW | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | CARDIUM FM | (DRRZD 3) |
| A0466 | 64 | | |
| | | 5-07-050: 6NW | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | CARDIUM FM | (DRRZD 3) |
| A0467 | 64 | | |
| | | 5-07-050: 6NE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | CARDIUM FM | (DRRZD 3) |
| A0468 | 256 | | |
| | | 5-10-052: 29 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0469 | 256 | | |
| | | 5-10-052: 32 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0470 | 64 | | |
| | | 5-11-052: 1SE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | ROCK CREEK MBR | (DRRZD 60) |
| A0471 | 128 | | (ES2000102) |
| | | | (ESA001702) |
| | | 5-22-054: 27E | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | CARDIUM FM | (DRRZD 3) |
| | | TO THE BASE OF THE TRIASSIC SYSTEM | (DRRZD 37) |
| A0472 | 256 | | |
| | | 5-13-055: 8 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | MANNVILLE GRP | (DRRZD 4) |
| A0473 | 256 | | (ES2000102) |
| | | 5-16-055: 17 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | BLUESKY-BULLHEAD | (DRRZD 21) |
| A0474 | 256 | | (ES2000102) |
| | | 5-16-055: 29 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | BLUESKY-BULLHEAD | (DRRZD 21) |
| A0475 | 64 | | (WRA000201) |
| | | 5-10-057: 36SW | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | NORDEGG MBR | (DRRZD 66) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0476 | 64 | | |
| | | 5-10-059: 9NE | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE PEKISKO FM | (DRRZD 30) |
| | | EXCEPTING NATURAL GAS IN THE JURASSIC SYSTEM | (ZD 354) |
| | | EXCEPTING NATURAL GAS IN THE PEKISKO FM | (ZD 354) |
| A0477 | 192 | | |
| | | 5-11-069: 33S,NW | |
| | | PETROLEUM AND NATURAL GAS | |
| A0478 | 256 | | |
| | | 6-06-069: 7 | |
| | | NATURAL GAS IN THE SPIRIT RIVER FM | (ZD 3475) |
| A0479 | 256 | | |
| | | 6-06-069: 18 | |
| | | NATURAL GAS IN THE SPIRIT RIVER FM | (ZD 3475) |
| A0480 | 256 | | |
| | | 6-07-069: 5 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE SPIRIT RIVER FM | (DRRZD 22) |
| A0481 | 256 | | |
| | | 6-07-069: 13 | |
| | | NATURAL GAS IN THE SPIRIT RIVER FM | (ZD 3475) |
| A0482 | 256 | | |
| | | 6-07-069: 22 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | PEACE RIVER FM | (DRRZD 40) |
| A0483 | 128 | | |
| | | 5-11-070: 5E | |
| | | PETROLEUM AND NATURAL GAS | |
| A0484 | 128 | | |
| | | 5-11-070: 5W | |
| | | PETROLEUM AND NATURAL GAS | |
| A0485 | 192 | | |
| | | 5-11-070: 8S,NW | |
| | | PETROLEUM AND NATURAL GAS | |
| A0486 | 128 | | |
| | | 5-11-070: 18E | |
| | | PETROLEUM AND NATURAL GAS | |
| A0487 | 128 | | |
| | | 5-11-070: 18W | |
| | | PETROLEUM AND NATURAL GAS | |
| A0488 | 256 | | (ADM002001) |
| | | 4-14-071: 25 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0489 | 256 | | |
| | | 5-13-072: 4 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0490 | 256 | | |
| | | 5-13-072: 6 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0491 | 256 | | |
| | | 5-13-072: 8 | |
| | | PETROLEUM AND NATURAL GAS | |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0492 | 256 | | |
| | | 5-14-072: 12 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0493 | 768 | | (ADM002001) |
| | | 4-12-073: 16-18 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE TOP OF THE MANNVILLE GRP | (DRRZD 4) |
| A0494 | 256 | | (ADM002001) |
| | | | (CRG000123) |
| | | 4-13-073: 4 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0495 | 512 | | (ADM002001) |
| | | | (CRG000123) |
| | | 4-13-073: 32;33 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE MANNVILLE GRP | (DRRZD 4) |
| A0496 | 242.8 | | |
| | | 5-26-073: 18E,WF | |
| | | PETROLEUM AND NATURAL GAS | |
| A0497 | 256 | | |
| | | 6-08-073: 33 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | HALFWAY FM | (DRRZD 246) |
| A0498 | 256 | | |
| | | 5-25-074: 5 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0499 | 256 | | |
| | | 6-04-074: 6 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0500 | 256 | | |
| | | 6-06-074: 12 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | DUNVEGAN FM | (DRRZD 38) |
| | | EXCEPTING NATURAL GAS IN THE PADDY-CADOTTE | (ZD 2966) |
| | | EXCEPTING NATURAL GAS IN THE BLUESKY-BULLHEAD | (ZD 2966) |
| | | EXCEPTING NATURAL GAS IN THE CHARLIE LAKE FM | (ZD 2966) |
| A0501 | 256 | | |
| | | 6-08-074: 8 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | HALFWAY FM | (DRRZD 246) |
| A0502 | 64 | | (TSH000101) |
| | | 6-08-074: 30SE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | HALFWAY FM | (DRRZD 246) |
| A0503 | 64 | | |
| | | 5-22-076: 22NW | |
| | | PETROLEUM AND NATURAL GAS | |
| A0504 | 64 | | |
| | | 5-22-076: 29SE | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | DEBOLT FM | (DRRZD 42) |
| A0505 | 256 | | |
| | | 6-10-076: 3 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | DOE CREEK MBR | (DRRZD 25) |

| LEASE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| A0506 | 256 | | (ADM002001) |
| | | 4-15-078: 1 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0507 | 256 | | (ADM002001) |
| | | | (PRP008501) |
| | | 4-15-078: 25 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0508 | 256 | | |
| | | 6-02-081: 19 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0509 | 256 | | |
| | | 6-02-081: 20 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0510 | 256 | | |
| | | 6-02-081: 21 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0511 | 256 | | |
| | | 6-02-081: 26 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0512 | 192 | | |
| | | 6-02-081: 27N,SW | |
| | | PETROLEUM AND NATURAL GAS | |
| A0513 | 256 | | |
| | | 6-02-081: 29 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0514 | 256 | | |
| | | 6-02-081: 30 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0515 | 256 | | |
| | | 6-02-081: 31 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0516 | 256 | | |
| | | 6-02-081: 32 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0517 | 256 | | (PDR001701) |
| | | | (WPP000901) |
| | | 6-13-082: 33 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0518 | 256 | | |
| | | 6-13-082: 34 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0519 | 256 | | |
| | | 6-13-082: 35 | |
| | | PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE | |
| | | BLUESKY-BULLHEAD | (DRRZD 21) |
| A0520 | 256 | | |
| | | 6-13-083: 1 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0521 | 256 | | |
| | | 6-13-083: 12 | |
| | | PETROLEUM AND NATURAL GAS | |

| **LEASE** | **HECTARES** | **LAND DESCRIPTION** | |
|---|---|---|---|
| A0522 | 384 | | |
| | | 5-09-084: 31 | |
| | | 5-10-084: 36E | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| A0523 | 256 | | |
| | | 6-10-084: 30 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0524 | 128 | | |
| | | 5-09-085: 5S | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| A0525 | 192 | | |
| | | 5-10-085: 19N,SW | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| A0526 | 256 | | |
| | | 5-10-085: 29 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE WABAMUN GRP | (DRRZD 277) |
| A0527 | 512 | | (ADM001902) |
| | | 5-23-090: 17;18 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0528 | 256 | | (ADM001902) |
| | | | (CRG000103) |
| | | 5-24-090: 15 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0529 | 256 | | (ADM001902) |
| | | | (CRG000103) |
| | | 5-24-090: 16 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0530 | 512 | | |
| | | 6-08-110: 27;34 | |
| | | PETROLEUM AND NATURAL GAS | |
| A0531 | 192 | | |
| | | 6-09-110: 33N,SE | |
| | | PETROLEUM AND NATURAL GAS | |
| A0532 | 256 | | |
| | | 6-10-111: 35 | |
| | | PETROLEUM AND NATURAL GAS | |
| | | TO THE BASE OF THE BLUESKY-BULLHEAD | (DRRZD 21) |
| 170 | 37,314.80 | HA TOTALS | **END** |

2005, APRIL 20

| LICENCE | HECTARES | LAND DESCRIPTION | |
|---|---|---|---|
| | | --- NORTHERN REGION --- | |
| B0533 | 768 | | |
| TRACT ONE | | 5-10-050: 1S,NW;2;11N,SW<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>CARDIUM FM | (DRRZD 3) |
| TRACT TWO | | 5-10-050: 1NE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>ROCK CREEK MBR | (DRRZD 60) |
| TRACT THREE | | 5-10-050: 11SE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>NISKU FM | (DRRZD 79) |
| B0534 | 384 | 5-10-050: 9;16S<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>CARDIUM FM | (DRRZD 3) |
| B0535 | 1600 | | |
| TRACT ONE | | 5-10-051: 10W<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>EDMONTON GRP | (DRRZD 280) |
| TRACT TWO | | 5-10-051: 5SW<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BELLY RIVER GRP | (DRRZD 39) |
| TRACT THREE | | 5-10-051: 2S;3SE;4N,SE;5N<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>CARDIUM FM | (DRRZD 3) |
| TRACT FOUR | | 5-10-051: 9;16<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>VIKING FM | (DRRZD 6) |
| TRACT FIVE | | 5-10-051: 2N;4SW;5SE;10E<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>NISKU FM | (DRRZD 79) |
| B0536 | 512 | | |
| TRACT ONE | | 5-14-055: 10<br>PETROLEUM AND NATURAL GAS<br>EXCEPTING PETROLEUM AND NATURAL GAS IN THE<br>CARDIUM FM | (DRRZD 3) |
| TRACT TWO | | 5-14-055: 11SW<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>BLUESKY-BULLHEAD | (DRRZD 21) |
| TRACT THREE | | 5-14-055: 11N,SE<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>ROCK CREEK MBR | (DRRZD 60) |
| B0537 | 512 | 6-03-066: 19;20<br>PETROLEUM AND NATURAL GAS | |
| B0538 | 256 | | (TSH000101) |
| | | 6-11-072: 4<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>PEACE RIVER FM | (DRRZD 40) |
| B0539 | 1024 | 5-10-076: 21;22;27;28<br>PETROLEUM AND NATURAL GAS | |

**2005, APRIL 20**

| **LICENCE** | **HECTARES** | **LAND DESCRIPTION** | |
|---|---|---|---|
| B0540 | 1024 | | (ADM002001) (CRG000124) |
| | | 4-14-077: 29;32-34<br>PETROLEUM AND NATURAL GAS | |
| B0541 | 512 | | (ADM002001) (PRP008501) |
| | | 4-14-078: 19;20<br>PETROLEUM AND NATURAL GAS | |
| B0542 | 512 | | (ADM001902) |
| | | 5-22-087: 6;7<br>PETROLEUM AND NATURAL GAS | |
| B0543 | 256 | | (ADM001902) (CRG000153) |
| | | 5-07-093: 21<br>PETROLEUM AND NATURAL GAS | |
| B0544 | 256 | | (ADM001902) (CRG000153) |
| | | 5-07-093: 22<br>PETROLEUM AND NATURAL GAS | |
| B0545 | 1280 | | (CRG000103) |
| | | 6-12-102: 24;25;33-35<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE PEKISKO FM | (DRRZD 174) |
| B0546 | 1280 | | (CRG000103) |
| | | 6-12-102: 24;25;33-35<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>PEKISKO FM | (DRRZD 174) |
| B0547 | 1024 | | (CRG000103) |
| | | 6-12-103: 2;3;9;10<br>PETROLEUM AND NATURAL GAS<br>TO THE BASE OF THE PEKISKO FM | (DRRZD 174) |
| B0548 | 1024 | | (CRG000103) |
| | | 6-12-103: 2;3;9;10<br>PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE<br>PEKISKO FM | (DRRZD 174) |
| B0549 | 2048 | | |
| | | 6-11-111: 1-3;10-12;14;15<br>PETROLEUM AND NATURAL GAS | |
| B0550 | 1536 | | |
| | | 6-11-111: 20;21;28;29;32;33<br>PETROLEUM AND NATURAL GAS | |
| B0551 | 1536 | | |
| | | 6-11-111: 22;23;26;27;34;35<br>PETROLEUM AND NATURAL GAS | |
| B0552 | 1024 | | |
| | | 6-09-113: 18;19<br>6-10-113: 13;24<br>PETROLEUM AND NATURAL GAS | |
| B0553 | 1792 | | |
| | | 6-09-113: 29;32-34<br>6-09-114: 3-5<br>PETROLEUM AND NATURAL GAS | |
| B0554 | 1280 | | |
| | | 6-02-116: 14;15;22;23;27<br>PETROLEUM AND NATURAL GAS | |
| 22 | 21,440.00 | HA TOTALS | **END** |

2005, APRIL 20

| LICENCE | HECTARES | LAND DESCRIPTION |
|---|---|---|

**ZONE DESIGNATIONS APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

ZD: 174 ZONE: 2140 VIKING FM

INTERVAL: 2,408.00 - 2,509.00 FEET
KEY WELL: 00/11-29-035-03W4/0
LOG TYPE: INDUCTION ELECTRICAL

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ZD: 354 ZONE: 4000 JURASSIC SYSTEM

INTERVAL: 5,525.00 - 5,666.00 FEET
KEY WELL: 00/06-05-059-10W5/0
LOG TYPE: INDUCTION ELECTRIC

ZONE: 6420 PEKISKO FM

INTERVAL: 5,666.00 - 5,765.00 FEET
KEY WELL: 00/06-05-059-10W5/0
LOG TYPE: INDUCTION ELECTRIC

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ZD: 1035-1 ZONE: 2140 VIKING FM

INTERVAL: 2,205.00 - 2,293.00 FEET
KEY WELL: 00/11-18-037-02W4/0
LOG TYPE: ELECTRICAL

---

ZD: 1039-1 ZONE: 2140 VIKING FM

INTERVAL: 2,189.00 - 2,203.00 FEET
KEY WELL: 00/10-34-036-04W4/0
LOG TYPE: ELECTRICAL

---

ZD: 2665 ZONE: 2140 VIKING FM

INTERVAL: 2,465.00 - 2,610.00 FEET
KEY WELL: 00/01-17-058-24W4/0
LOG TYPE: SCHLUMBERGER

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ZD: 2966 ZONE: 2301 PADDY-CADOTTE

INTERVAL: 3,740.00 - 3,887.00 FEET
KEY WELL: 00/04-08-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 5,049.00 - 5,477.00 FEET
KEY WELL: 00/04-08-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZONE: 5080 CHARLIE LAKE FM

INTERVAL: 5,758.00 - 5,898.00 FEET
KEY WELL: 00/11-04-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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ZD: 3475 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 5,290.00 - 6,316.00 FEET
KEY WELL: 00/16-20-069-06W6/0
LOG TYPE: DUAL INDUCTION FOCUSED

---

**END**

**DEEPER RIGHTS REVERSION ZONE DESIGNATIONS**

**APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

DRRZD: 3 ZONE: 1700 CARDIUM FM

INTERVAL: 6,303.00 - 6,436.00 FEET
KEY WELL: 00/16-16-041-06W5/0
LOG TYPE: ELECTRICAL

---

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2,557.00 - 2,985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

---

DRRZD: 6 ZONE: 2140 VIKING FM

INTERVAL: 2,600.00 - 2,680.00 FEET
KEY WELL: 00/10-10-042-14W4/0
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 8 ZONE: 2130 BOW ISLAND SD

INTERVAL: 2,140.00 - 2,472.00 FEET
KEY WELL: 00/11-31-011-10W4/0
LOG TYPE: INDUCTION ELECTRICAL

---

DRRZD: 11 ZONE: 1580 MILK RIVER FM

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

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DRRZD: 12 ZONE: 1640 MEDICINE HAT SD

INTERVAL: 1,312.00 - 1,582.00 FEET
KEY WELL: 00/06-30-014-04W4/0
LOG TYPE: INDUCTION GAMMA RAY

---

DRRZD: 13 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1,820.00 - 2,030.00 FEET
KEY WELL: 00/10-17-014-09W4/0
LOG TYPE: INDUCTION ELECTRIC

---

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 2,754.00 - 3,043.00 FEET
KEY WELL: 00/10-32-081-01W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

---

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2,004.00 - 3,138.00 FEET
KEY WELL: 00/11-03-078-01W6/0
LOG TYPE: INDUCTION ELECTRIC

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DRRZD: 23 ZONE: 6960 NISKU FM

INTERVAL: 5,023.00 - 5,190.00 FEET
KEY WELL: 00/06-24-050-26W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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**DEEPER RIGHTS REVERSION ZONE DESIGNATIONS**

**APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

DRRZD: 25 ZONE: 1900 DOE CREEK MBR

INTERVAL: 2,330.00 - 2,393.00 FEET
KEY WELL: 00/07-04-075-10W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 30 ZONE: 6420 PEKISKO FM

INTERVAL: 9,232.00 - 9,390.00 FEET
KEY WELL: 00/07-13-033-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 6,948.00 - 7,042.00 FEET
KEY WELL: 00/10-07-062-19W5/0
LOG TYPE: DUAL INDUCTION FOCUSED

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DRRZD: 38 ZONE: 1920 DUNVEGAN FM

INTERVAL: 2,566.00 - 3,038.00 FEET
KEY WELL: 00/11-04-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 1,688.00 - 2,453.00 FEET
KEY WELL: 00/07-18-032-22W4/0
LOG TYPE: INDUCTION ELECTRICAL

---

DRRZD: 40 ZONE: 2280 PEACE RIVER FM

INTERVAL: 3,760.00 - 4,008.00 FEET
KEY WELL: 00/07-09-076-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 42 ZONE: 6120 DEBOLT FM

INTERVAL: 4,444.00 - 5,294.00 FEET
KEY WELL: 00/10-11-080-03W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 48 ZONE: 2420 BASAL COLORADO SD

INTERVAL: 3,004.00 - 3,024.00 FEET
KEY WELL: 00/06-27-025-12W4/0
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 57 ZONE: 6440 BANFF FM

INTERVAL: 4,247.00 - 4,776.00 FEET
KEY WELL: 00/02-24-056-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 60 ZONE: 4320 ROCK CREEK MBR

INTERVAL: 2,502.50 - 2,531.50 METRES
KEY WELL: 00/10-35-049-13W5/2
LOG TYPE: DUAL LATEROLOG

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**DEEPER RIGHTS REVERSION ZONE DESIGNATIONS**

**APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

DRRZD: 65 ZONE: 7200 LEDUC FM

INTERVAL: 3,167.00 - 4,322.00 FEET
KEY WELL: 00/07-17-056-21W4/0
LOG TYPE: FORMATION DENSITY

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DRRZD: 66 ZONE: 4440 NORDEGG MBR

INTERVAL: 5,610.00 - 5,670.00 FEET
KEY WELL: 00/10-12-055-09W5/0
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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DRRZD: 79 ZONE: 6960 NISKU FM

INTERVAL: 8,324.00 - 8,730.00 FEET
KEY WELL: 00/06-25-050-10W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 174 ZONE: 6420 PEKISKO FM

INTERVAL: 6,468.00 - 6,654.00 FEET
KEY WELL: 00/10-27-067-22W5/0
LOG TYPE: ELECTRICAL

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DRRZD: 246 ZONE: 5160 HALFWAY FM

INTERVAL: 6,342.00 - 6,402.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 277 ZONE: 6580 WABAMUN GRP

INTERVAL: 10,452.00 - 11,198.00 FEET
KEY WELL: 00/03-10-063-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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

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**END**

**ADDENDA AND CONTACTS APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

**ADM001801**

LEASE A0450

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ALBERTA ENERGY AND UTILITIES BOARD (AEUB). 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 AEUB OR OTHERWISE, ON THE GROUND 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 AEUB 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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
RETHA PURKIS
MANAGER, P & NG AGREEMENT SALES
ALBERTA DEPARTMENT OF ENERGY
MINERAL DEVELOPMENT AND STRATEGIC
RESOURCES
TENURE
9945 108 ST NW FLOOR 2
EDMONTON AB T5K 2G6 (780) 422-9426

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**ADM001902**

LEASE A0527
LEASE A0528
LEASE A0529
LICENCE B0542
LICENCE B0543
LICENCE B0544

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ALBERTA ENERGY AND UTILITIES BOARD (AEUB). 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 AEUB OR OTHERWISE, ON THE GROUND 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 AEUB 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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
RETHA PURKIS
MANAGER, P & NG AGREEMENT SALES
ALBERTA DEPARTMENT OF ENERGY
MINERAL DEVELOPMENT AND STRATEGIC
RESOURCES
TENURE
9945 108 ST NW FLOOR 2
EDMONTON AB T5K 2G6 (780) 422-9426

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**ADDENDA AND CONTACTS APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

**ADM002001**

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|---|---|
| LEASE | A0488 |
| LEASE | A0493 |
| LEASE | A0494 |
| LEASE | A0495 |
| LEASE | A0506 |
| LEASE | A0507 |
| LICENCE | B0540 |
| LICENCE | B0541 |

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ALBERTA ENERGY AND UTILITIES BOARD (AEUB). 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 AEUB OR OTHERWISE, ON THE GROUND 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 AEUB 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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
RETHA PURKIS
MANAGER, P & NG AGREEMENT SALES
ALBERTA DEPARTMENT OF ENERGY
MINERAL DEVELOPMENT AND STRATEGIC
RESOURCES
TENURE
9945 108 ST NW FLOOR 2
EDMONTON AB T5K 2G6 (780) 422-9426

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**CRG000103** LAND DESCRIPTION

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|---|---|---|
| LEASE | A0528 | 5-24-090: 15WP |
| LEASE | A0529 | |
| LICENCE | B0545 | |
| LICENCE | B0546 | |
| LICENCE | B0547 | |
| LICENCE | B0548 | |

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
RALPH WOODS
LAND MANAGEMENT FORESTER
DEPT. OF SUSTAINABLE RESOURCE DEV
PEACE RIVER OFFICE - LAND USE AREA- PUBLIC LANDS AND FORESTS
9621 96 AVE FLOOR MAIN
PEACE RIVER AB T8S 1T4 (780) 624-6331

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**CRG000123** LAND DESCRIPTION

| | | |
|---|---|---|
| LEASE | A0494 | 4-13-073: 4WP |
| LEASE | A0495 | 4-13-073: 32;33EP,W |

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

**ADDENDA AND CONTACTS APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

FOR FURTHER INFORMATION, PLEASE CONTACT:
DAVE LIND
LAND USE SPECIALIST
DEPT. OF SUSTAINABLE RESOURCE DEV
LAC LA BICHE REGIONAL OFFICE - LAND AND FOREST SERVICE
PO BOX 450
LAC LA BICHE AB T0A 2C0 (780) 623-5240

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**CRG000124** LAND DESCRIPTION
LICENCE B0540 4-14-077: 34EP

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DAVE LIND
LAND USE SPECIALIST
DEPT. OF SUSTAINABLE RESOURCE DEV
LAC LA BICHE REGIONAL OFFICE - LAND AND FOREST SERVICE
PO BOX 450
LAC LA BICHE AB T0A 2C0 (780) 623-5240

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**CRG000153**
LICENCE B0543
LICENCE B0544

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DAVE LAING
FORESTER
DEPT. OF SUSTAINABLE RESOURCE DEV
SLAVE LAKE OFFICE - LAND USE AREA - PUBLIC LANDS AND FORESTS
301 BIRCH RD NE
SLAVE LAKE AB T0G 2A2 (780) 849-7400

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**ES2000102** LAND DESCRIPTION
LEASE A0471
LEASE A0473 5-16-055: 17NWP
LEASE A0474 5-16-055: 29N,SEP,SW

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DAVE HOBSON
WILDLIFE BIOLOGIST
DEPT. OF SUSTAINABLE RESOURCE DEV
EDSON OFFICE - FISH AND WILDLIFE
111 54 ST SUITE 203
EDSON AB T7E 1T2 (780) 723-8244

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**ESA001702** LAND DESCRIPTION
LEASE A0471 5-22-054: 27NEP

IS/ARE WITHIN AN ENVIRONMENTALLY SIGNIFICANT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

**ADDENDA AND CONTACTS APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

FOR FURTHER INFORMATION, PLEASE CONTACT:
BILL RICHARDS
RESOURCE TECHNOLOGIST
COMMUNITY DEVELOPMENT
PARKS AND PROTECTED AREAS
SYSTEMS PLANNING BRANCH
9820 106 ST NW FLOOR 5
EDMONTON AB T5K 2J6 (780) 427-9445

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**IR2000201** LAND DESCRIPTION
LEASE A0459 5-10-042: 20SWP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
JAMES ALLEN
WILDLIFE BIOLOGIST
DEPT. OF SUSTAINABLE RESOURCE DEV
ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE
4919 51 ST
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8237

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**PDR001701** LAND DESCRIPTION
LEASE A0517 6-13-082: 33SP

IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
BILL FISHENDEN
TECHNOLOGIST
DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT
4920 51 ST SUITE 501
RED DEER AB T4N 6K8 (403) 340-7669

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**PRP008501** LAND DESCRIPTION
LEASE A0507 4-15-078: 25L1,L7P,L8,L9,L10P,L15P,L16
LICENCE B0541 4-14-078: 19L14

IS/ARE WITHIN A PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
BILL RICHARDS
RESOURCE TECHNOLOGIST
COMMUNITY DEVELOPMENT
PARKS AND PROTECTED AREAS
SYSTEMS PLANNING BRANCH
9820 106 ST NW FLOOR 5
EDMONTON AB T5K 2J6 (780) 427-9445

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**TSH000101** LAND DESCRIPTION
LEASE A0502 6-08-074: 30SEP
LICENCE B0538 6-11-072: 4EP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

**ADDENDA AND CONTACTS APPLICABLE TO THE 2005, APRIL 20 PUBLIC OFFERING NOTICE**

FOR FURTHER INFORMATION, PLEASE CONTACT:
DAVE STEPNISKY
AREA WILDLIFE BIOLOGIST
DEPT. OF SUSTAINABLE RESOURCE DEV
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE
PROVINCIAL BUILDING
10320 99 ST SUITE 1701
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**WPP000901** LAND DESCRIPTION
LEASE A0517 6-13-082: 33SWP

IS/ARE WITHIN A WILDLAND PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
BILL RICHARDS
RESOURCE TECHNOLOGIST
COMMUNITY DEVELOPMENT
PARKS AND PROTECTED AREAS
SYSTEMS PLANNING BRANCH
9820 106 ST NW FLOOR 5
EDMONTON AB T5K 2J6 (780) 427-9445

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**WRA000201**
LEASE A0475

ALL LAND(S) IS/ARE WITHIN A WATERSHED RESEARCH AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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

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**END**