

2012 MARCH 21

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



**Government of Alberta** ■  
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2012.03.21

From	To	Total	Area
LEASES: A0383	A0600	218	42,861.0800 ha.
LICENCES: B0601	B0676	76	79,346.7200 ha.
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		294	122,207.8000 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 2012 March 21**.

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 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 Aboriginal Relations Business Unit, Alberta Energy at (780) 427-5110.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2012 March 21** 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 ---			
A0383	256	4-26-006: 14 PETROLEUM AND NATURAL GAS	
A0384	256	4-26-006: 16 PETROLEUM AND NATURAL GAS	
A0385	256	4-26-007: 1 PETROLEUM AND NATURAL GAS	
A0386	256	4-10-010: 9 PETROLEUM AND NATURAL GAS	
A0387	256	4-10-010: 10 PETROLEUM AND NATURAL GAS	
A0388	64	4-21-012: 7NE PETROLEUM AND NATURAL GAS	
A0389	64	4-21-012: 13SE PETROLEUM AND NATURAL GAS	
A0390	64	4-21-012: 15SW PETROLEUM AND NATURAL GAS	
A0391	64	4-21-013: 4SW PETROLEUM AND NATURAL GAS	
A0392	256	4-28-016: 16 PETROLEUM AND NATURAL GAS	
A0393	256	4-29-017: 2 PETROLEUM AND NATURAL GAS	
A0394	256	4-29-018: 6 PETROLEUM AND NATURAL GAS	
A0395	64	4-17-027: 20SE NATURAL GAS IN THE BANFF FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(ZD 2773-A) (DRRZD 9)
A0396	256	4-16-028: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0397	256		
	TRACT ONE	5-04-029: 32NW PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-04-029: 32NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT THREE	5-04-029: 32S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0398	256	5-04-029: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0399	64	4-23-030: 19NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0400	64	4-23-030: 21SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)
A0401	256	4-28-030: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING NATURAL GAS IN THE CROSSFIELD MBR	(DRRZD 280) (ZD 2007)
A0402	256	4-28-030: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING NATURAL GAS IN THE CROSSFIELD MBR	(DRRZD 280) (ZD 2007)
A0403	192	4-17-031: 4S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0404	256	4-18-031: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0405	256	4-23-031: 6 NATURAL GAS IN THE MIDDLE MANNVILLE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(ZD 201-2) (DRRZD 30)
A0406	64	4-23-031: 12SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0407	72		
	TRACT ONE	4-24-031: 26L9, L10, L15 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-24-031: 25L12, L13E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)

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LEASE	HECTARES	LAND DESCRIPTION	
A0408	64	4-25-031: 25NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0409	64	4-23-032: 16NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0410	64	4-25-032: 9NW PETROLEUM AND NATURAL GAS	
A0411	128	4-02-033: 25S PETROLEUM AND NATURAL GAS	
A0412	256	4-02-033: 27 PETROLEUM AND NATURAL GAS	
A0413	128	4-02-033: 35E PETROLEUM AND NATURAL GAS	
A0414	64	4-09-033: 32NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE VIKING FM	(DRRZD 13) (DRRZD 6)
A0415	64	4-10-033: 17NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0416	64	4-10-033: 34NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0417	64	4-11-033: 11SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0418	64	4-11-033: 36NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0419	256	4-22-034: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0420	256	4-25-034: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0421	70.68	5-04-034: 25SWP PORTION(S) LYING TO THE NORTH AND WEST 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 1905/10/17. NWP PORTION(S) DESIGNATED AS RED-DEER RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/10/17. NEP PORTION(S) LYING TO THE NORTH AND WEST 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 1905/10/17. PETROLEUM AND NATURAL GAS	(NAT000501) (PNA001401)
A0422	176	4-09-035: 5E, L3, L4, L6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0423	64	4-21-037: 23NW NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0424	64	4-20-038: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0425	64	5-03-038: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0426	192	4-08-039: 1S, L9, L10, L12, L13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0427	256	TRACT ONE 4-08-039: 1S, L9, L10, L12, L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM  TRACT TWO 4-08-039: 1L11, L14-L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6)  (DRRZD 4)
A0428	128	4-08-039: 2S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0429	128	4-08-039: 2S PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 6) (ZD 77)
A0430	64	5-03-039: 30NW PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0431	192	4-04-041: 2N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0432	64	5-03-043: 24NW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS EXCEPTING PETROLEUM AND NATURAL GAS IN THE EDMONTON GRP	(ZD 3424) (DRRZD 280)
A0433	256	4-19-044: 29 PETROLEUM AND NATURAL GAS	
A0434	64	4-20-044: 26NE PETROLEUM AND NATURAL GAS	
A0435	256	4-20-044: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0436	128	4-27-048: 10E PETROLEUM AND NATURAL GAS	
A0437	256	4-27-048: 11 PETROLEUM AND NATURAL GAS	
A0438	16	4-02-049: 28L13 PETROLEUM AND NATURAL GAS	
A0439	16	4-02-049: 28L14 PETROLEUM AND NATURAL GAS	
A0440	16	4-02-049: 28L9 PETROLEUM AND NATURAL GAS	
A0441	16	4-02-049: 28L10 PETROLEUM AND NATURAL GAS	
A0442	16	4-02-049: 28L15 PETROLEUM AND NATURAL GAS	
A0443	16	4-02-049: 28L16 PETROLEUM AND NATURAL GAS	
A0444	64	4-05-049: 1SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0445	64	4-05-049: 1SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0446	64	4-05-049: 1NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)

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LEASE	HECTARES	LAND DESCRIPTION	
A0447	64	4-05-049: 1NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0448	256	4-06-049: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE UPPER COLORADO SHALE TO THE BASE OF THE MANNVILLE GRP	(DRRZD 282) (DRRZD 4)
A0449	256	4-07-049: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0450	256	4-07-049: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0451	256	4-25-049: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0452	256	4-07-050: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0453	256	4-15-050: 20 PETROLEUM AND NATURAL GAS	
A0454	256	4-06-051: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0455	256	4-08-051: 24 PETROLEUM AND NATURAL GAS	
A0456	64	4-08-051: 26NE PETROLEUM AND NATURAL GAS	
A0457	256	4-14-054: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0458	256	4-14-055: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0459	384	4-02-062: 19N;30 PETROLEUM AND NATURAL GAS	(ADM001801) (CFB000302) (IRS000602)
A0460	256	4-19-062: 36 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(GZR002201) (DRRZD 284)



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LEASE	HECTARES	LAND DESCRIPTION	
A0461	256	4-03-063: 11 PETROLEUM AND NATURAL GAS	(ADM001801) (IRS000602)
A0462	512	4-03-063: 31;32 PETROLEUM AND NATURAL GAS	(ADM001801) (IRS000602)
A0463	512	4-03-063: 34;35 PETROLEUM AND NATURAL GAS	(ADM001801)
A0464	256	4-03-064: 13 PETROLEUM AND NATURAL GAS	(ADM001801)
A0465	1280	4-04-064: 1-3;11;12 PETROLEUM AND NATURAL GAS	(ADM001801) (IRS000602)
--- NORTHERN REGION ---			
A0466	64	5-05-038: 23SW PETROLEUM AND NATURAL GAS	
A0467	256	5-06-041: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 3) (DRRZD 13)
A0468	256	TRACT ONE 5-06-042: 6E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 4)
		TRACT TWO 5-06-042: 6NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
		TRACT THREE 5-06-042: 6SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
A0469	64	5-06-045: 21SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM	(DRRZD 39) (DRRZD 3) (DRRZD 6)
A0470	128	5-06-052: 14N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0471	128	5-06-052: 14N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0472	128	5-15-059: 30W PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0473	64	5-24-059: 30NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(CRG000501) (ES2000105) (SIP000601)  (DRRZD 21) (DRRZD 37)
A0474	256	5-14-060: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0475	256	5-21-064: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0476	256	5-11-065: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WOODBEND GRP	(DRRZD 258)
A0477	256	5-11-065: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WOODBEND GRP	(DRRZD 258)
A0478	68.8	5-27-067: 14EF PETROLEUM AND NATURAL GAS	
A0479	68.8	5-27-067: 23EF PETROLEUM AND NATURAL GAS	
A0480	68.8	5-27-067: 26EF PETROLEUM AND NATURAL GAS	
A0481	192	5-10-072: 21S,NE PETROLEUM AND NATURAL GAS	
A0482	64	6-08-072: 31NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0483	64	6-09-072: 25NW PETROLEUM AND NATURAL GAS	
A0484	256	5-09-075: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0485	256	5-10-075: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0486	256	5-10-075: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

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LEASE	HECTARES	LAND DESCRIPTION	
A0487	256	5-12-075: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0488	256	4-18-076: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(ADM002001) (CRG000301) (DRRZD 4)
A0489	256	4-18-076: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(ADM002001) (CRG000301) (DRRZD 4)
A0490	256	4-18-076: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(ADM002001) (CRG000301) (DRRZD 4)
A0491	64	5-09-076: 18SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0492	256	5-09-076: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0493	256	5-09-076: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0494	64	5-09-076: 36NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0495	256	5-10-076: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0496	256	5-12-076: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0497	256	5-12-076: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0498	256	5-12-076: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0499	256	5-12-076: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

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A0500	256	5-12-076: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0501	256	5-13-076: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0502	256	5-13-076: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0503	256	5-09-077: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0504	256	5-09-077: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0505	256	5-09-077: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0506	256	5-09-077: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0507	256	5-09-077: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0508	256	5-09-077: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0509	256	5-09-077: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0510	256	5-09-077: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0511	256	5-10-077: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0512	256	5-10-077: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0513	256	5-10-077: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)

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LEASE	HECTARES	LAND DESCRIPTION	
A0514	256	5-10-077: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0515	256	5-10-077: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0516	256	5-10-077: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0517	256	5-10-077: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0518	256	5-10-077: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0519	192	5-10-077: 32S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0520	256	5-11-077: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0521	256	5-11-077: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0522	256	5-11-077: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0523	256	5-11-077: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0524	256	5-11-077: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0525	256	5-11-077: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0526	256	5-11-077: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0527	256	5-11-077: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

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LEASE	HECTARES	LAND DESCRIPTION	
A0528	256	5-11-077: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0529	256	5-11-077: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0530	256	5-11-077: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0531	256	5-11-077: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0532	256	5-11-077: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0533	256	5-11-077: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0534	256	5-11-077: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0535	256	5-11-077: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0536	256	5-11-077: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0537	256	5-11-077: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0538	256	5-11-077: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0539	256	5-11-077: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0540	256	5-11-077: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0541	256	5-11-077: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

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LEASE	HECTARES	LAND DESCRIPTION	
A0542	256	5-11-077: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0543	256	5-11-077: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0544	256	5-11-077: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0545	256	5-11-077: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0546	256	5-11-077: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0547	256	5-11-077: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0548	256	5-11-077: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0549	256	5-11-077: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0550	256	5-11-077: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0551	256	5-11-077: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0552	256	5-11-077: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0553	256	5-11-077: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0554	256	5-11-077: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0555	256	5-11-077: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

2012, MARCH 21

LEASE	HECTARES	LAND DESCRIPTION	
A0556	256	5-11-077: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0557	256	5-11-077: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0558	256	5-12-077: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0559	256	5-12-077: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0560	256	5-12-077: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0561	256	5-12-077: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0562	128	5-12-077: 13E PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0563	128	5-12-077: 13E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0564	128	5-12-077: 25N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0565	128	5-12-077: 25N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0566	128	5-12-077: 35N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0567	128	5-12-077: 35N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0568	256	5-10-078: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0569	256	5-10-078: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)



2012, MARCH 21

LEASE	HECTARES	LAND DESCRIPTION	
A0570	256	5-10-078: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0571	256	5-10-078: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0572	256	4-14-080: 17 PETROLEUM AND NATURAL GAS	(ADM002001)
A0573	192	5-24-080: 16S,NE PETROLEUM AND NATURAL GAS	(ADM001901)
A0574	192	5-24-080: 19S,NW PETROLEUM AND NATURAL GAS	(ADM001901)
A0575	64	5-08-087: 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE GRANITE WASH	(DRRZD 18) (DRRZD 41)
A0576	64	5-08-087: 33SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE GRANITE WASH	(DRRZD 18) (DRRZD 41)
A0577	64	5-08-087: 33NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE GRANITE WASH	(DRRZD 18) (DRRZD 41)
A0578	64	5-08-087: 33NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE GRANITE WASH	(DRRZD 18) (DRRZD 41)
A0579	64	5-14-087: 4SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0580	64	5-14-087: 4NW PETROLEUM AND NATURAL GAS	(ADM001902)
A0581	64	5-14-087: 4NE PETROLEUM AND NATURAL GAS	(ADM001902)
A0582	64	5-14-087: 5SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0583	64	5-14-087: 5SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0584	64	5-14-087: 5NW PETROLEUM AND NATURAL GAS	(ADM001902)

2012, MARCH 21

LEASE	HECTARES	LAND DESCRIPTION	
A0585	64	5-14-087: 8SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0586	64	5-14-087: 8NE PETROLEUM AND NATURAL GAS	(ADM001902)
A0587	64	5-14-087: 9SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0588	64	5-14-087: 9SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0589	64	5-08-088: 19SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(ADM001902) (CRG000401) (DRRZD 18)
A0590	64	5-08-088: 19NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(ADM001902) (CRG000401) (DRRZD 18)
A0591	64	5-08-088: 19NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(ADM001902) (CRG000401) (DRRZD 18)
A0592	256	5-23-091: 23 PETROLEUM AND NATURAL GAS	(ADM001902)
A0593	256	6-11-091: 4 PETROLEUM AND NATURAL GAS	
A0594	256	6-10-096: 5 PETROLEUM AND NATURAL GAS	(CRG000801) (WPP000201)
--- FOOTHILLS REGION ---			
A0595	256	5-05-029: 24 PETROLEUM AND NATURAL GAS	
A0596	256	5-10-038: 20 PETROLEUM AND NATURAL GAS	
A0597	256	5-10-038: 29 PETROLEUM AND NATURAL GAS	
A0598	256	5-11-038: 24 PETROLEUM AND NATURAL GAS	
A0599	256	5-11-038: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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2012, MARCH 21

LEASE	HECTARES	LAND DESCRIPTION	
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A0600	128	6-11-063: 2E PETROLEUM AND NATURAL GAS	(CRG000701)
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218	42,861.08	HA TOTALS	END



2012, MARCH 21

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0601	1024		
	TRACT ONE	5-05-038: 18 5-06-038: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-05-038: 4;6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0602	256	5-23-052: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0603	256	5-23-052: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0604	256	5-23-052: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(PFR002101) (DRRZD 276)
B0605	256	5-23-052: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(ES2000104) (IR2000702) (DRRZD 276)
B0606	256	5-23-053: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(ES2000104) (DRRZD 276)
B0607	256	5-23-053: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (IR2000702) (DRRZD 21)
B0608	1792		(ES2000104)
	TRACT ONE	5-25-055: 19;20;29 5-26-055: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
	TRACT TWO	5-25-056: 4;10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-25-055: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 51) (DRRZD 21)
B0609	256	5-24-057: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0610	768	5-25-057: 35 5-25-058: 2;3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0611	768	5-24-059: 32 5-24-060: 5;6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(CRG000501) (ES2000105) (SIP000601)  (DRRZD 21) (DRRZD 37)
B0612	256	6-03-060: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(CRG000601) (SIP000601)  (DRRZD 38)
B0613	768	5-22-064: 10;14;15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0614	512	5-24-064: 32 5-24-065: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0615	512	5-25-064: 8;9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0616	512	5-25-064: 27;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(ES2000103) (TSH002501)  (DRRZD 37)
B0617	256	5-21-065: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0618	256	5-22-065: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0619	256	5-25-065: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0620	256	TRACT ONE 5-24-066: 5S,NW PETROLEUM AND NATURAL GAS  TRACT TWO 5-24-066: 5NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	      (DRRZD 207)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0621	3328		
	TRACT ONE	5-14-069: 5;7;8;18-21;28 5-15-069: 1;12;13;24 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-14-069: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
B0622	1024	5-26-069: 22;23;26;35 PETROLEUM AND NATURAL GAS	(BWP002101)
B0623	3584	5-14-070: 7-9;16;17 5-15-070: 2-4;9-12;15;16 PETROLEUM AND NATURAL GAS	
B0624	512	5-25-070: 7;8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(TSH002501) (DRRZD 276)
B0625	1088		
	TRACT ONE	5-25-071: 4;5 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-25-070: 20SE;30;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0626	1536	5-09-071: 31 5-09-072: 6;7 5-10-071: 34-36 PETROLEUM AND NATURAL GAS	
B0627	512	5-10-071: 19;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
B0628	1536	5-10-071: 22-27 PETROLEUM AND NATURAL GAS	
B0629	2880		
	TRACT ONE	5-25-071: 19 5-25-072: 5-8;18 5-26-071: 23;24;35 5-26-072: 1 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-26-072: 2S,NE;13SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
	TRACT THREE	5-26-072: 2NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 207)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0630	2240		
	TRACT ONE	5-26-071: 17;20;22;26-29 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-26-071: 32S,NW;33SE;34S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0631	1024	5-10-072: 12;13;22;23 PETROLEUM AND NATURAL GAS	
B0632	256	5-25-072: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
B0633	3506.72		
	TRACT ONE	5-25-072: 31 5-26-072: 23;26 5-26-073: 1;11;16;17;19E,WF PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-26-072: 34;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-26-072: 14NW;15N;24NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
	TRACT FOUR	5-25-072: 30 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE PEACE RIVER FM TO THE BASE OF THE BANFF FM	(DRRZD 40) (DRRZD 255)
	TRACT FIVE	5-26-072: 9N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 207) (DRRZD 5)
	TRACT SIX	5-26-073: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
B0634	256	5-24-080: 18 PETROLEUM AND NATURAL GAS	(ADM001901)
B0635	256	5-24-080: 29 PETROLEUM AND NATURAL GAS	(ADM001901)
B0636	256	5-24-080: 30 PETROLEUM AND NATURAL GAS	(ADM001901)
B0637	256	5-25-080: 12 PETROLEUM AND NATURAL GAS	(ADM001901) (WPP002101)
B0638	256	5-25-080: 24 PETROLEUM AND NATURAL GAS	(ADM001901)



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LICENCE	HECTARES	LAND DESCRIPTION	
B0639	512	6-07-081: 22;23 PETROLEUM AND NATURAL GAS	
B0640	768	TRACT ONE 6-10-081: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT TWO 6-10-081: 21;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
B0641	512	6-11-081: 9;10 PETROLEUM AND NATURAL GAS	
B0642	512	6-12-081: 25;26 PETROLEUM AND NATURAL GAS	(WPP000901)
B0643	512	6-12-081: 35 6-12-082: 2 PETROLEUM AND NATURAL GAS	
B0644	512	TRACT ONE 6-12-081: 36 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-12-082: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(DRRZD 271)
B0645	256	6-08-082: 22 PETROLEUM AND NATURAL GAS	
B0646	256	6-09-083: 3 PETROLEUM AND NATURAL GAS	
B0647	512	6-09-083: 19;30 PETROLEUM AND NATURAL GAS	(PDR001701)
B0648	512	6-09-083: 24;25 PETROLEUM AND NATURAL GAS	
B0649	768	TRACT ONE 6-12-083: 33 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-12-083: 28;32N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
		TRACT THREE 6-12-083: 32SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
B0650	768	6-07-084: 13;14;24 PETROLEUM AND NATURAL GAS	(PDR001701)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0651	512	6-08-084: 2;3 PETROLEUM AND NATURAL GAS	
B0652	512	6-12-084: 4;5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0653	512	6-12-084: 27;28 PETROLEUM AND NATURAL GAS	(GZR003001)
B0654	256	6-07-085: 16 PETROLEUM AND NATURAL GAS	
B0655	256	6-07-086: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(DRRZD 247) (DRRZD 271)
B0656	512	5-02-087: 13;14 PETROLEUM AND NATURAL GAS	(ADM002001)
B0657	512	5-10-087: 27;34 PETROLEUM AND NATURAL GAS	
B0658	1280		(ADM002001) (CRG000401)
	TRACT ONE	5-07-088: 28;29;32;33 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-07-088: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0659	1536		(ADM001902)
	TRACT ONE	5-10-090: 1 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-10-089: 25;26;35;36 5-10-090: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0660	768	5-11-089: 25;26;36 PETROLEUM AND NATURAL GAS	(ADM001902)
B0661	1536		(ADM001902) (CRG000401)
	TRACT ONE	5-08-090: 1;2;10-12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-08-090: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0662	3584	5-20-113: 6;7;18 5-21-113: 1-3;11-14;23-26 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0663	1792	5-20-113: 19-22;28-30 PETROLEUM AND NATURAL GAS	
B0664	1280	5-20-113: 23-27 PETROLEUM AND NATURAL GAS	
B0665	3072	5-19-114: 4-9 5-20-113: 35;36 5-20-114: 1;2;11;12 PETROLEUM AND NATURAL GAS	
B0666	2048	TRACT ONE 5-22-113: 28;32;33 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-22-113: 19;20;29-31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DRIFT UNDIFFERENTIATED	(DRRZD 281)
B0667	1024	5-21-114: 15;16;21;22 PETROLEUM AND NATURAL GAS	
B0668	2560	TRACT ONE 5-22-114: 4-9 5-23-114: 12-14 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-23-114: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DRIFT UNDIFFERENTIATED	(DRRZD 281)
B0669	2304	5-20-115: 5-8;18 5-21-115: 1;2;11;12 PETROLEUM AND NATURAL GAS	
B0670	2048	5-21-117: 1-4;9-12 PETROLEUM AND NATURAL GAS	
B0671	2048	5-21-117: 5-8 5-22-117: 1;2;11;12 PETROLEUM AND NATURAL GAS	
B0672	2304	5-20-118: 22-27;34-36 PETROLEUM AND NATURAL GAS	
B0673	2304	5-19-120: 1-3;10-15 PETROLEUM AND NATURAL GAS	(CRG000801)
--- FOOTHILLS REGION ---			
B0674	1024	TRACT ONE 5-19-048: 22 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-19-048: 13-15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0675	256		(ES2000104) (IR2000702)
		5-24-052: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0676	3072		(CRG000601) (SIP000601)
		TRACT ONE 6-04-057: 35;36 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-03-057: 31;32 6-03-058: 5-8 6-04-058: 1;2;11;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
76	79,346.72	HA TOTALS	<b>END</b>

## ZONE DESIGNATIONS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

ZD: 77                               ZONE: 2140 VIKING FM  
INTERVAL: 2,452.00 - 2,503.00 FEET  
KEY WELL: 00/13-27-038-08W4/0  
LOG TYPE: ELECTRICAL

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ZD: 201-2                            ZONE: 2791 MIDDLE MANNVILLE  
INTERVAL: 5,070.00 - 5,138.00 FEET  
KEY WELL: 00/05-10-031-23W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 2007                            ZONE: 6680 CROSSFIELD MBR  
INTERVAL: 7,885.00 - 8,020.00 FEET  
KEY WELL: 00/11-28-030-28W4/0  
LOG TYPE: NOT IDENTIFIED

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ZD: 2773-A                          ZONE: 6440 BANFF FM  
INTERVAL: 3,960.00 - 4,002.00 FEET  
KEY WELL: 00/10-02-027-17W4/0  
LOG TYPE: DENSILOG

AND ANY ADDITIONAL STRATA OCCURRING BELOW THAT DEFINED ABOVE  
AND, IN THE OPINION OF THE ALBERTA ENERGY AND UTILITIES BOARD,  
CONSTITUTING A PART OF THE BANFF FORMATION.

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ZD: 3424                            ZONE: 3000 GLAUCONITIC SS  
INTERVAL: 6,312.00 - 6,380.00 FEET  
KEY WELL: 00/10-11-043-03W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, MARCH 21 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

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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

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DRRZD: 5                    ZONE: 7440    BEAVERHILL LAKE GRP  
  
INTERVAL: 8,645.00 - 9,118.00 FEET  
KEY WELL: 00/10-22-068-11W5/0  
LOG TYPE: INDUCTION ELECTRICAL

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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: 9                    ZONE: 6440    BANFF FM  
  
INTERVAL: 4,513.00 - 4,971.00 FEET  
KEY WELL: 00/07-03-031-20W4/0  
LOG TYPE: GAMMA RAY-SONIC

---

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: 18                   ZONE: 7580    SLAVE POINT FM  
  
INTERVAL: 4,196.00 - 4,336.00 FEET  
KEY WELL: 00/02-17-088-08W5/0  
LOG TYPE: GAMMA RAY-ACOUSTIC

---

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: 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

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

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

---

DRRZD: 41                    ZONE: 7975    GRANITE WASH  
  
INTERVAL: 4,782.00 - 4,904.00 FEET  
KEY WELL: 00/14-22-087-08W5/0  
LOG TYPE: ACOUSTILOG

---

DRRZD: 51                    ZONE: 1700    CARDIUM FM  
  
INTERVAL: 2,350.40 - 2,415.70 METRES  
KEY WELL: 00/07-36-058-03W6/0  
LOG TYPE: DUAL INDUCTION SFL

---

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

---

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

---

DRRZD: 80                    ZONE: 6700    WINTERBURN GRP  
  
INTERVAL: 8,452.00 - 8,914.00 FEET  
KEY WELL: 00/10-07-060-17W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 84                    ZONE: 5060    BALDONNEL FM  
  
INTERVAL: 5,728.00 - 5,764.00 FEET  
KEY WELL: 00/11-21-077-10W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

DRRZD: 90                      ZONE: 4000 JURASSIC SYSTEM  
  
INTERVAL: 7,052.00 - 7,148.00 FEET  
KEY WELL: 00/06-29-039-03W5/0  
LOG TYPE: INDUCTION ELECTROLOG

---

DRRZD: 207                    ZONE: 4440 NORDEGG MBR  
  
INTERVAL: 2,038.00 - 2,063.00 METRES  
KEY WELL: 00/11-06-066-24W5/0  
LOG TYPE: DUAL INDUCTION SFL

---

DRRZD: 246                    ZONE: 5160 HALFWAY FM  
  
INTERVAL: 6,344.00 - 6,402.00 FEET  
KEY WELL: 00/11-18-077-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 247                    ZONE: 5080 CHARLIE LAKE FM  
  
INTERVAL: 2,372.00 - 2,448.50 METRES  
KEY WELL: 00/10-19-068-06W6/0  
LOG TYPE: DUAL INDUCTION SFL

---

DRRZD: 251                    ZONE: 5200 DOIG FM  
  
INTERVAL: 1,770.00 - 1,853.00 METRES  
KEY WELL: 00/03-22-078-10W6/0  
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

---

DRRZD: 255                    ZONE: 6440 BANFF FM  
  
INTERVAL: 2,690.00 - 2,892.00 METRES  
KEY WELL: 00/01-18-066-26W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 258                    ZONE: 7040 WOODBEND GRP  
  
INTERVAL: 1,284.00 - 2,251.00 FEET  
KEY WELL: 00/10-29-077-18W4/0  
LOG TYPE: SONIC

---

DRRZD: 271                    ZONE: 6040 STODDART GRP  
  
INTERVAL: 7,170.00 - 8,095.00 FEET  
KEY WELL: 00/07-17-078-10W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DRRZD: 274                    ZONE: 2030 FISH SCALE-WESTGATE  
  
INTERVAL: 1,420.00 - 1,594.00 FEET  
KEY WELL: 00/11-05-045-01W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

DRRZD: 276                    ZONE: 4140 FERNIE GRP  
  
INTERVAL: 2,048.00 - 2,151.00 METRES  
KEY WELL: 00/13-01-074-11W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2012, MARCH 21 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: 281                    ZONE: 0009   DRIFT UNDIFFERENTIATED  
  
INTERVAL: 5.00 - 222.00 METRES  
KEY WELL: 00/16-33-110-03W6/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

---

DRRZD: 282                    ZONE: 1602   UPPER COLORADO SHALE  
  
INTERVAL: 373.00 - 493.00 METRES  
KEY WELL: 00/01-05-045-07W4/0  
LOG TYPE: PHOTO DENSITY DUAL SPACED NEUTRON

---

DRRZD: 284                    ZONE: 7635   ELK POINT GRP  
  
INTERVAL: 783.00 - 1,370.00 METRES  
KEY WELL: 02/06-13-063-08W4/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

---

END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

**ADM001801**

LEASE A0459  
 LEASE A0461  
 LEASE A0462  
 LEASE A0463  
 LEASE A0464  
 LEASE A0465

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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS RUDLAND  
 MANAGER, SALES AND REGISTRATIONS  
 ALBERTA DEPARTMENT OF ENERGY  
 9945 108 ST  
 EDMONTON AB T5K 2G6 (780) 422-9426

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**ADM001901**

LEASE A0573  
 LEASE A0574  
 LICENCE B0634  
 LICENCE B0635  
 LICENCE B0636  
 LICENCE B0637  
 LICENCE B0638

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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS RUDLAND  
 MANAGER, SALES AND REGISTRATIONS  
 ALBERTA DEPARTMENT OF ENERGY  
 9945 108 ST  
 EDMONTON AB T5K 2G6 (780) 422-9426

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ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

ADM001902

LEASE A0579  
LEASE A0580  
LEASE A0581  
LEASE A0582  
LEASE A0583  
LEASE A0584  
LEASE A0585  
LEASE A0586  
LEASE A0587  
LEASE A0588  
LEASE A0589  
LEASE A0590  
LEASE A0591  
LEASE A0592  
LICENCE B0659  
LICENCE B0660  
LICENCE B0661

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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS RUDDLAND  
MANAGER, SALES AND REGISTRATIONS  
ALBERTA DEPARTMENT OF ENERGY  
9945 108 ST  
EDMONTON AB T5K 2G6 (780) 422-9426

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## ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

**ADM002001**

LEASE A0488  
 LEASE A0489  
 LEASE A0490  
 LEASE A0572  
 LICENCE B0656  
 LICENCE B0658

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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS RUDLAND  
 MANAGER, SALES AND REGISTRATIONS  
 ALBERTA DEPARTMENT OF ENERGY  
 9945 108 ST  
 EDMONTON AB T5K 2G6 (780) 422-9426

---

**BWP002101** LAND DESCRIPTION  
 LICENCE B0622 5-26-069: 22

IS/ARE WITHIN A "BUCK FOR WILDLIFE" PROJECT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
 AREA WILDLIFE BIOLOGIST  
 GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
 PROVINCIAL BUILDING  
 10320 99 ST SUITE 1601  
 GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**CFB000302** LAND DESCRIPTION  
 LEASE A0459 4-02-062: 19NEP;30SP,NWP,NE

IS/ARE WITHIN THE COLD LAKE AIRBASE.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

AUDREY MURRAY  
 ACTING BRANCH HEAD  
 ALBERTA DEPARTMENT OF ENERGY  
 9945 108 ST  
 EDMONTON AB T5K 2G6 (780) 427-6383

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**APPENDIX 3**

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**ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE**

**CRG000301** LAND DESCRIPTION  
LEASE A0488 4-18-076: 24W  
LEASE A0489 4-18-076: 25N,SW  
LEASE A0490 4-18-076: 36

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

BILL BLACK  
LAND USE SPECIALIST  
ATHABASCA OFFICE - RANGELAND DISTRICT-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
4901 50 ST  
ATHABASCA AB T9S 1E2 (780) 675-8168

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**CRG000401** LAND DESCRIPTION  
LEASE A0589  
LEASE A0590  
LEASE A0591  
LICENCE B0658 5-07-088: 28S,NE  
LICENCE B0661 5-08-090: 1-3;10-12

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

THERESE YACYSHYN  
OPERATIONS SECTION HEAD  
HIGH PRAIRIE OFFICE - LAND USE AREA -LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
PO BOX 149  
HIGH PRAIRIE AB T0G 1E0 (780) 523-6524

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**CRG000501**  
LEASE A0473  
LICENCE B0611

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

EVERT SMITH  
LAND MANAGEMENT SPECIALIST  
WHITECOURT REGIONAL HEADQUARTERS - LAND AND FOREST SERVICE DEPT. OF SUSTAINABLE  
RESOURCE DEV  
5020 52 AVE SUITE 224  
WHITECOURT AB T7S 1N2 (780) 778-7215

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**CRG000601**  
LICENCE B0612  
LICENCE B0676

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SHARAD KARMACHARYA  
LAND MANAGEMENT PLANNER  
HINTON OFFICE - LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV  
131 CIVIC CENTRE RD FLOOR 3  
HINTON AB T7V 2E6 (780) 865-8267

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## ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

**CRG000701**

LEASE A0600

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

EUGENE BARANSKI

LAND USE STRATEGIST

GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV

PO BOX 899

VALLEYVIEW AB T0H 3N0

(780) 524-3567

**CRG000801**

LEASE A0594

LICENCE B0673

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE MOYLES

SENIOR WILDLIFE BIOLOGIST

PEACE RIVER OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

9621 96 AVE

PO BAG 900 26

PEACE RIVER AB T8S 1T4

(780) 624-6405

**ES2000103**

LAND DESCRIPTION

LICENCE B0616 5-25-064: 28WP

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 STEPNIISKY

AREA WILDLIFE BIOLOGIST

GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

PROVINCIAL BUILDING

10320 99 ST SUITE 1601

GRANDE PRAIRIE AB T8V 6J4

(780) 538-5265

**ES2000104**

LAND DESCRIPTION

LICENCE B0605 5-23-052: 30EP,W

LICENCE B0606 5-23-053: 5NP,SE,SWP

LICENCE B0607 5-23-053: 10SP,N

LICENCE B0608 5-25-055: 19;20;29;33

5-25-056: 4E,WP;10

5-26-055: 24EP

LICENCE B0675 5-24-052: 24SP,NW,NEP

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:

JEFF KNETEMAN

SENIOR WILDLIFE BIOLOGIST

HINTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

131 CIVIC CENTRE RD FLOOR 3

HINTON AB T7V 1E6

(780) 865-8264

**APPENDIX 3**

**PAGE 6**

**ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE**

**ES2000105** LAND DESCRIPTION  
LEASE A0473 5-24-059: 30NEP  
LICENCE B0611

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:

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

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**GZR002201**

LEASE A0460

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JIM LINDQUIST  
PGR RANGELAND AGROLOGIST  
ST PAUL OFFICE - RANGELAND DISTRICT - LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
5025 49 AVE  
PO BOX 417  
ST PAUL AB T0A 3A4 (780) 645-6336

---

**GZR003001** LAND DESCRIPTION

LICENCE B0653 6-12-084: 27SP,N;28

IS/ARE WITHIN A GRAZING RESERVE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

CAMILLE DUCHARME  
RANGELAND AGROLOGIST  
PEACE RIVER OFFICE - LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
9621 96 AVE FLOOR MAIN  
PEACE RIVER AB T8S 1T4 (780) 624-6116

---

**IR2000201** LAND DESCRIPTION

LEASE A0468 5-06-042: 6WP

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:

ANNE HUBBS  
SENIOR WILDLIFE BIOLOGIST  
ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE  
DEV  
PO BOX 1720  
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8235

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## ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

**IR2000702** LAND DESCRIPTION  
 LICENCE B0605 5-23-052: 30EP  
 LICENCE B0607 5-23-053: 10SP  
 LICENCE B0675 5-24-052: 24SP,L9P

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE COAL BRANCH INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF KNETEMAN  
 SENIOR WILDLIFE BIOLOGIST  
 HINTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
 131 CIVIC CENTRE RD FLOOR 3  
 HINTON AB T7V 1E6 (780) 865-8264

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**IRS000602** LAND DESCRIPTION  
 LEASE A0459 4-02-062: 19NEP;30SP,NWP  
 LEASE A0461 4-03-063: 11SW,L1,L2,L7,L12  
 LEASE A0462 4-03-063: 31SE,L3;32SP,NEP,L11,L12  
 LEASE A0465 4-04-064: 2NWP,L4-L6,L10,L15,L16;3SP,NEP;11SP,NEP;  
 12NWP,L4,L5

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 SPECIALST  
 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

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**NAT000501** LAND DESCRIPTION  
 LEASE A0421 5-04-034: 25NEP

IS/ARE WITHIN A NATURAL AREA, ESTABLISHED 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  
 POLICY AND LAND USE PLANNING  
 SECTION  
 9820 106 ST NW FLOOR 2  
 EDMONTON AB T5K 2J6 (780) 644-5357

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**PDR001701** LAND DESCRIPTION  
 LICENCE B0647 6-09-083: 30NP,SWP  
 LICENCE B0650 6-07-084: 13SWP,L2P;14SP

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

BILL FISHENDEN  
TEAM LEADER, LAND SERVICES  
ENVIRONMENT AND WATER, DEPARTMENT OF  
WATER MANAGEMENT OPERATIONS  
4920 51 ST SUITE 304  
RED DEER AB T4N 6K8 (403) 340-5177

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**PFR002101** LAND DESCRIPTION  
LICENCE B0604 5-23-052: 21SP,NWP

IS/ARE WITHIN A PROPOSED FOREST RECREATION AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SHARAD KARMACHARYA  
LAND MANAGEMENT PLANNER  
HINTON OFFICE - LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV  
131 CIVIC CENTRE RD FLOOR 3  
HINTON AB T7V 2E6 (780) 865-8267

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**PNA001401** LAND DESCRIPTION  
LEASE A0421 5-04-034: 25NWP

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  
POLICY AND LAND USE PLANNING  
SECTION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**SIP000601**  
LEASE A0473  
LICENCE B0611  
LICENCE B0612  
LICENCE B0676

ALL LAND(S) IS/ARE WITHIN THE BERLAND SMOKY INDUSTRIAL ACCESS CORRIDOR PLAN (2008)  
AND IS SUBJECT TO ASRD INFORMATION LETTER 2008-05.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HUGELSCHAFFER  
SECTION HEAD  
EDSON OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV  
111 54 ST SUITE 203  
EDSON AB T7E 1T2 (780) 865-8267

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**TSH002501** LAND DESCRIPTION  
LICENCE B0616 5-25-064: 28WP  
LICENCE B0624 5-25-070: 7P;8NP,SEP,SW

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, MARCH 21 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
AREA WILDLIFE BIOLOGIST  
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
10320 99 ST SUITE 1601  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**WPP000201** LAND DESCRIPTION  
LEASE A0594 6-10-096: 5P

IS/ARE WITHIN A WILDLAND 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  
POLICY AND LAND USE PLANNING  
SECTION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**WPP000901** LAND DESCRIPTION  
LICENCE B0642 6-12-081: 26SW

IS/ARE WITHIN A WILDLAND 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  
POLICY AND LAND USE PLANNING  
SECTION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**WPP002101** LAND DESCRIPTION  
LICENCE B0637 5-25-080: 12SW

IS/ARE WITHIN A WILDLAND 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  
POLICY AND LAND USE PLANNING  
SECTION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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END