

2003 OCTOBER 29  
12 noon, CALGARY

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



## PUBLIC OFFERING CONTROL COUNTS FOR 2003.10.29

From	To	Total	Area
LEASES: A0640	A0868	229	53,658.5240 ha.
LICENCES: B0869	B0905	37	28,992.0000 ha.
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		266	82,650.5240 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 2003 October 29**.

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 \$500.00.
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. There are two types of acceptable bids - BID TYPE I and BID TYPE II. The bid formats attached to IL 99-12 are the only ones acceptable. If you fail to conform to the prescribed formats your bid may be rejected.
2. Bids for leases should be enclosed in one sealed envelope with "**Lease Bids - 2003 October 29**" indicated on the outside of the envelope.
3. Bids for licences should be enclosed in one sealed envelope with "**Licence Bids - 2003 October 29**" indicated on the outside of the envelope.
4. Your bid should be handed or mailed to 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,

**to be received not later than 12 noon on the Public Offering date.**

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 fee of \$500.00 (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 **2003 October 30** 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.

2003 September 03  
EDMONTON, Alberta

Retha Purkis - Manager  
P & NG Agreement Sales

2003, OCTOBER 29

LEASE	HECTARES	LAND DESCRIPTION	
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--- PLAINS REGION ---			
A0640	256	4-17-005: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0641	256	4-17-005: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0642	256	4-17-005: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0643	176	4-15-006: 4N,L1,L5,L6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0644	256	4-10-009: 23 PETROLEUM AND NATURAL GAS	
A0645	256	4-10-010: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0646	240	TRACT ONE 4-13-010: 11NE,L1,L7,L8,L11,L13,L14 PETROLEUM AND NATURAL GAS  TRACT TWO 4-13-010: 11SW,L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0647	256	4-10-011: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0648	256	4-10-011: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0649	256	4-10-011: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0650	256	4-10-011: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0651	256	4-10-011: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0652	256	4-10-011: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)

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LEASE	HECTARES	LAND DESCRIPTION	
A0653	256	4-12-011: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0654	256	4-12-011: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0655	256	4-12-011: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0656	256	4-12-011: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0657	128	4-12-011: 21S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0658	64	4-12-011: 29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0659	192	4-12-011: 30S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0660	192	4-12-012: 19N,SW PETROLEUM AND NATURAL GAS	
A0661	64	4-12-012: 30NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0662	256	4-13-012: 24 PETROLEUM AND NATURAL GAS	
A0663	128	TRACT ONE 4-13-012: 25NE,L3-L5 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-13-012: 25L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM	(DRRZD 20)
A0664	256	4-17-014: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0665	256	4-16-015: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(WLT000101) (DRRZD 4)
A0666	192	4-16-015: 9S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(WLT000101) (DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0667	256	4-20-016: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0668	256	4-25-017: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM	(DRRZD 28)
A0669	64	4-27-017: 26NE PETROLEUM AND NATURAL GAS	
A0670	256	4-27-018: 18 PETROLEUM AND NATURAL GAS	
A0671	256	4-08-020: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0672	1.6	4-27-021: 21NWP PORTION(S) DESIGNATED AS BOW RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1897/12/08. PETROLEUM AND NATURAL GAS	
A0673	32	4-27-021: 23NP PORTION(S) DESIGNATED AS BOW RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1897/12/08. PETROLEUM AND NATURAL GAS	
A0674	256	4-08-022: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0675	256	4-10-023: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 2081)
A0676	256	4-10-023: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 2081)
A0677	256	4-12-024: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 4) (ZD 18-A)
A0678	256	4-01-028: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0679	256	4-01-028: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0680	256	4-01-028: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BAKKEN FM	(DRRZD 53)
A0681	64	4-01-028: 21NW PETROLEUM AND NATURAL GAS	
A0682	256	4-02-028: 1 PETROLEUM AND NATURAL GAS	
A0683	256	4-01-029: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0684	256	4-04-029: 29 NATURAL GAS IN THE VIKING FM	(ZD 2080)
		NATURAL GAS IN THE DETRITAL SANDSTONE	(ZD 2080)
A0685	256	4-16-029: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0686	256	4-19-029: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0687	208	4-19-029: 14E,L3,L4,L6,L11,L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(ZD 252-2)
A0688	256	4-19-029: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0689	160	4-22-029: 18E,L11,L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0690	192	4-13-031: 18N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0691	128	4-20-031: 30S NATURAL GAS IN THE PEKISKO FM	(ZD 253)
A0692	128	4-22-031: 23E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BASAL BLAIRMORE	(ZD 78-1)
A0693	256	4-04-032: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0694	256	4-04-032: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0695	256	4-04-032: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0696	192	4-04-032: 21N,SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0697	256	4-04-032: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0698	256	4-03-033: 36 PETROLEUM AND NATURAL GAS	
A0699	256	4-20-033: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0700	256	4-01-034: 30 PETROLEUM AND NATURAL GAS	
A0701	256	4-02-034: 7 PETROLEUM AND NATURAL GAS	
A0702	256	4-02-034: 18 PETROLEUM AND NATURAL GAS	
A0703	256	4-02-034: 35 PETROLEUM AND NATURAL GAS	
A0704	256	4-06-034: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0705	256	TRACT ONE 4-06-034: 19S,NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 129)
		TRACT TWO 4-06-034: 19NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0706	256	4-15-034: 13 PETROLEUM AND NATURAL GAS	
A0707	128	4-20-034: 2E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0708	256	4-02-035: 2 PETROLEUM AND NATURAL GAS	
A0709	256	4-02-035: 3 PETROLEUM AND NATURAL GAS	
A0710	256	4-02-035: 4 PETROLEUM AND NATURAL GAS	
A0711	256	4-02-035: 12 PETROLEUM AND NATURAL GAS	
A0712	256	4-05-035: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0713	256	4-05-035: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0714	256	4-05-035: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0715	256	4-05-035: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0716	256	4-01-036: 20 PETROLEUM AND NATURAL GAS	
A0717	96	4-07-036: 29NE,L1,L8 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 6)
A0718	256	4-13-037: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0719	256	TRACT ONE 5-03-037: 2S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM	(DRRZD 28)
		TRACT TWO 5-03-037: 2NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0720	148	4-03-038: 5E,L11NE,L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 6) (DRRZD 6)
A0721	256	4-13-038: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0722	256	4-14-038: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0723	208	4-25-038: 22N,SE,L6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0724	208	4-25-038: 22N,SE,L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0725	128	4-25-038: 29N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0726	128	4-25-038: 29N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0727	256	4-28-039: 36 PETROLEUM AND NATURAL GAS	
A0728	256	5-02-039: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0729	256	4-10-041: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0730	16	4-01-043: 36L13 PETROLEUM AND NATURAL GAS	
A0731	256	4-09-045: 16 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2003)
A0732	256	4-20-045: 2 PETROLEUM AND NATURAL GAS	
A0733	256	4-20-045: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0734	256	4-20-045: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION
A0735	92.924	
TRACT ONE		4-28-046: 26SWP PORTION(S) LYING OUTSIDE PIGEON LAKE INDIAN RESERVE NO. 138A. PETROLEUM AND NATURAL GAS
TRACT TWO		4-28-046: 26L12,L13 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM (DRRZD 3)
TRACT THREE		4-28-046: 26L11P PORTION(S) LYING OUTSIDE PIGEON LAKE INDIAN RESERVE NO. 138A. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3)
TRACT FOUR		4-28-046: 26L14P PORTION(S) LYING OUTSIDE PIGEON LAKE INDIAN RESERVE NO. 138A. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM (DRRZD 65)
A0736	256	4-26-047: 36 PETROLEUM AND NATURAL GAS
A0737	256	4-04-051: 18 PETROLEUM AND NATURAL GAS
A0738	256	4-05-051: 24 PETROLEUM AND NATURAL GAS
A0739	256	4-05-051: 28 PETROLEUM AND NATURAL GAS
A0740	256	4-05-051: 29 PETROLEUM AND NATURAL GAS
A0741	256	4-05-051: 32 PETROLEUM AND NATURAL GAS
A0742	256	4-16-051: 28 PETROLEUM AND NATURAL GAS
A0743	256	4-16-051: 34 PETROLEUM AND NATURAL GAS
A0744	256	4-05-052: 4 PETROLEUM AND NATURAL GAS
A0745	256	4-16-052: 4 PETROLEUM AND NATURAL GAS
A0746	256	4-15-053: 29 PETROLEUM AND NATURAL GAS
A0747	256	4-15-053: 30 PETROLEUM AND NATURAL GAS

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LEASE	HECTARES	LAND DESCRIPTION	
A0748	256	4-15-053: 32 PETROLEUM AND NATURAL GAS	
A0749	256	4-06-054: 11 PETROLEUM AND NATURAL GAS	(ADM001801)
A0750	256	4-07-055: 36 PETROLEUM AND NATURAL GAS	(ADM001801)
A0751	232	4-27-055: 4N, SEP, SW PORTION(S) LYING OUTSIDE SURRENDERED INDIAN RESERVE NO. 132. PETROLEUM AND NATURAL GAS	
A0752	256	4-27-055: 8 PETROLEUM AND NATURAL GAS	
A0753	256	4-06-056: 18 PETROLEUM AND NATURAL GAS	(ADM001801)
A0754	256	4-14-056: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0755	256	4-18-056: 12 PETROLEUM AND NATURAL GAS	
A0756	256	5-02-056: 5 PETROLEUM AND NATURAL GAS	
A0757	256	5-02-056: 8 PETROLEUM AND NATURAL GAS	
A0758	256	4-14-057: 4 PETROLEUM AND NATURAL GAS	
A0759	256	4-18-057: 21 PETROLEUM AND NATURAL GAS	
A0760	256	4-18-057: 23 PETROLEUM AND NATURAL GAS	
A0761	256	4-18-057: 27 PETROLEUM AND NATURAL GAS	
A0762	512	4-22-057: 6;7 PETROLEUM AND NATURAL GAS	
A0763	256	4-27-057: 36 PETROLEUM AND NATURAL GAS	
A0764	256	4-27-059: 1 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0765	1280	5-04-059: 10;13;23;24;27 PETROLEUM AND NATURAL GAS	
A0766	256	5-01-060: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0767	256	5-01-060: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0768	256	5-01-060: 36 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2141)
A0769	256	TRACT ONE 5-01-061: 1S,NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2141)
		TRACT TWO 5-01-061: 1NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
--- NORTHERN REGION ---			
A0770	256	5-07-038: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(IR2000201) (DRRZD 3)
A0771	256	5-07-038: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0772	128	5-08-038: 12W PETROLEUM AND NATURAL GAS	(IR2000201)
A0773	256	5-17-045: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(IR2000601) (DRRZD 3)
A0774	256	5-17-045: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BANFF FM	(IR2000601) (DRRZD 3) (DRRZD 57)
A0775	256	5-17-045: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(IR2000601) (DRRZD 3)
A0776	256	5-17-045: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BANFF FM	(IR2000601) (DRRZD 3) (DRRZD 57)

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LEASE	HECTARES	LAND DESCRIPTION	
A0777	256	5-14-046: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE SHUNDA FM	(DRRZD 66) (DRRZD 29)
A0778	256	5-14-046: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE SHUNDA FM	(IR2000601) (DRRZD 66) (DRRZD 29)
A0779	192	5-14-046: 21S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(IR2000601) (DRRZD 66)
A0780	256	5-15-046: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(IR2000601) (DRRZD 39)
A0781	256	5-15-046: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(IR2000601) (DRRZD 39)
A0782	256	5-15-046: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(IR2000601) (DRRZD 39)
A0783	256	5-15-046: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(IR2000601) (DRRZD 39)
A0784	256	5-15-046: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(IR2000601) (DRRZD 39)
A0785	256	5-15-046: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(IR2000601) (DRRZD 39)
A0786	256	5-06-047: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(GZR000901) (DRRZD 3)
A0787	256	TRACT ONE 5-06-047: 10W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(GZR000901) (DRRZD 3)
		TRACT TWO 5-06-047: 10E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0788	192	5-06-047: 16N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(GZR000901) (DRRZD 3)
A0789	128	5-06-047: 21W PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0790	256	5-23-051: 32 PETROLEUM AND NATURAL GAS	
A0791	256	5-23-051: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0792	256	5-23-051: 34 PETROLEUM AND NATURAL GAS	
A0793	64	5-06-052: 2SE PETROLEUM AND NATURAL GAS	
A0794	64	5-06-052: 2SW PETROLEUM AND NATURAL GAS	
A0795	64	5-06-052: 2NW PETROLEUM AND NATURAL GAS	
A0796	64	5-06-052: 2NE PETROLEUM AND NATURAL GAS	
A0797	256	5-23-052: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0798	256	5-09-054: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0799	256	5-09-055: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 159) (DRRZD 4)
A0800	128	5-15-055: 33S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
A0801	128	5-15-055: 33N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 21) (DRRZD 60)
A0802	256	5-20-055: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0803	256	5-15-056: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0804	256	5-15-056: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)

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LEASE	HECTARES	LAND DESCRIPTION	
A0805	256	5-15-056: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(BWP001802) (DRRZD 21)
A0806	256	5-15-056: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0807	256	5-20-056: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 104)
A0808	256	5-20-056: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 104) (DRRZD 22)
A0809	256	5-21-058: 23 NATURAL GAS IN THE BLUESKY-GETHING NATURAL GAS IN THE TRIASSIC SYSTEM	(ZD 2736) (ZD 2736)
A0810	256	TRACT ONE 5-12-060: 27S PETROLEUM AND NATURAL GAS  TRACT TWO 5-12-060: 27NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BEAVERHILL LAKE GRP  TRACT THREE 5-12-060: 27NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(ZD 178-A) (DRRZD 5)
A0811	256	TRACT ONE 5-12-060: 28S,NW PETROLEUM AND NATURAL GAS  TRACT TWO 5-12-060: 28NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
A0812	256	6-03-062: 3 PETROLEUM AND NATURAL GAS	
A0813	128	6-03-062: 8E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(ES2000103) (DRRZD 38)
A0814	128	6-03-062: 9S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0815	256	TRACT ONE 5-24-066: 8N,SW PETROLEUM AND NATURAL GAS  TRACT TWO 5-24-066: 8SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 207)

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LEASE	HECTARES	LAND DESCRIPTION	
A0816	768	4-25-068: 20;28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0817	512	4-25-068: 29;32 PETROLEUM AND NATURAL GAS	
A0818	256	6-04-071: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0819	256	6-07-071: 13 PETROLEUM AND NATURAL GAS	
A0820	256	6-04-073: 28 PETROLEUM AND NATURAL GAS	(GZR002501) (WLT001401)
A0821	256	6-04-073: 33 PETROLEUM AND NATURAL GAS	(GZR002501)
A0822	256	6-10-073: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0823	256	6-10-073: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0824	256	6-11-075: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(TSH000101) (DRRZD 247)
A0825	256	6-06-076: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0826	256	6-06-076: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0827	256	6-10-076: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25)
A0828	64	6-10-076: 18SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25)
A0829	256	6-07-077: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

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LEASE	HECTARES	LAND DESCRIPTION	
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A0830	256		
	TRACT ONE	6-07-077: 21N PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
	TRACT TWO	6-07-077: 21S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE DOIG FM	(DRRZD 25) (DRRZD 251)
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A0831	192		
	TRACT ONE	6-01-078: 10E PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-01-078: 10SW NATURAL GAS IN THE SPIRIT RIVER FM NATURAL GAS IN THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ZD 2628) (ZD 2628) (DRRZD 277)
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A0832	256	6-03-078: 30 PETROLEUM AND NATURAL GAS	
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A0833	256	6-04-078: 25 PETROLEUM AND NATURAL GAS	
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A0834	256		(WPP002101)
		6-02-079: 17 PETROLEUM AND NATURAL GAS	
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A0835	256		(GZR001901) (WPP002101)
		6-02-079: 25 PETROLEUM AND NATURAL GAS	
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A0836	64		(ADM001901)
		5-23-080: 22SE PETROLEUM AND NATURAL GAS	
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A0837	64		(ADM001901) (WPP002101)
		5-23-080: 22SW PETROLEUM AND NATURAL GAS	
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A0838	64		(ADM001901) (WPP002101)
		5-23-080: 22NW PETROLEUM AND NATURAL GAS	
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A0839	64		(ADM001901)
		5-23-080: 22NE PETROLEUM AND NATURAL GAS	
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A0840	128		(ADM001901)
		5-24-080: 24N NATURAL GAS IN THE PEACE RIVER FM NATURAL GAS IN THE GETHING FM NATURAL GAS IN THE TRIASSIC SYSTEM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ZD 6-A) (ZD 6-A) (ZD 6-A) (DRRZD 277)
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A0841	256		
		6-05-080: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
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LEASE	HECTARES	LAND DESCRIPTION	
A0842	256	6-05-080: 16 PETROLEUM AND NATURAL GAS	(PDR001701) (WPP000901)
A0843	256	6-05-080: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0844	256	5-24-081: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001901) (DRRZD 21)
A0845	256	TRACT ONE 5-24-081: 3N,SW PETROLEUM AND NATURAL GAS	(ADM001901)
		TRACT TWO 5-24-081: 3SE NATURAL GAS IN THE PADDY-CADOTTE NATURAL GAS IN THE BLUESKY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ZD 2431) (ZD 2431) (DRRZD 21)
A0846	256	5-24-081: 5 PETROLEUM AND NATURAL GAS	(ADM001901)
A0847	256	6-05-081: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0848	256	6-05-081: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
A0849	256	6-05-081: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
A0850	256	6-05-081: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
A0851	320	TRACT ONE 6-05-081: 13W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM EXCEPTING NATURAL GAS IN THE DEBOLT FM	(DRRZD 58) (ZD 2708)
		TRACT TWO 6-05-081: 12NE NATURAL GAS IN THE PEACE RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(ZD 34) (DRRZD 42)
		TRACT THREE 6-05-081: 13E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
A0852	256	6-05-081: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)

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LEASE	HECTARES	LAND DESCRIPTION	
A0853	256	6-05-081: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
A0854	256	6-05-081: 22 PETROLEUM AND NATURAL GAS	
A0855	256	6-05-081: 23 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE PEACE RIVER FM EXCEPTING NATURAL GAS IN THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE DEBOLT FM	(ZD 34) (ZD 2708) (ZD 2708)
A0856	256	TRACT ONE 6-05-081: 24W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM EXCEPTING NATURAL GAS IN THE DEBOLT FM	(DRRZD 58) (ZD 2708)
		TRACT TWO 6-05-081: 24E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
A0857	256	6-10-082: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
A0858	128	5-14-083: 12E PETROLEUM AND NATURAL GAS	(ADM001902)
A0859	64	5-14-083: 12NW PETROLEUM AND NATURAL GAS	(ADM001902)
A0860	128	5-14-083: 13S PETROLEUM AND NATURAL GAS	(ADM001902)
A0861	128	5-14-083: 13N PETROLEUM AND NATURAL GAS	(ADM001902)
A0862	64	5-14-083: 14SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0863	256	6-05-084: 8 PETROLEUM AND NATURAL GAS	
A0864	256	6-05-084: 9 PETROLEUM AND NATURAL GAS	
A0865	256	6-05-084: 20 PETROLEUM AND NATURAL GAS	
A0866	256	6-11-084: 30 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
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--- FOOTHILLS REGION ---			
A0867	256	5-07-033: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 3) (ZD 2676-A)
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A0868	256	TRACT ONE 5-07-033: 31NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE CARDIUM FM EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2676) (ZD 2676-A)
		TRACT TWO 5-07-033: 31S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 3) (ZD 2676-A)
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229	53,658.52	HA TOTALS	<b>END</b>

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LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0869	256		
	TRACT ONE	5-11-047: 10NW PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-11-047: 10S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0870	256		
	TRACT ONE	5-11-047: 15S,NW PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-11-047: 15NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
B0871	1024		(CRG000106) (ES4000101)
		5-26-059: 16-19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0872	512		
	TRACT ONE	6-06-062: 30 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-06-062: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0873	256		
		6-07-062: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR	(DRRZD 77)
B0874	1024		
	TRACT ONE	5-09-063: 29 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-09-063: 20;21;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0875	512		
		6-07-063: 1;2 PETROLEUM AND NATURAL GAS	
B0876	256		
		6-07-063: 4 PETROLEUM AND NATURAL GAS	
B0877	1024		
		6-07-063: 11;12;15;22 PETROLEUM AND NATURAL GAS	
B0878	512		
		5-19-068: 30;31 PETROLEUM AND NATURAL GAS	
B0879	512		
		5-20-068: 5;8 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0880	256	5-20-068: 23 PETROLEUM AND NATURAL GAS	
B0881	1024	6-05-078: 4;8-10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0882	768	6-05-078: 15;16;22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0883	256	6-08-079: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0884	448	TRACT ONE 6-09-079: 24 PETROLEUM AND NATURAL GAS  TRACT TWO 6-09-079: 13S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
B0885	768	6-04-087: 16;20;21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
B0886	1280	6-05-087: 20;29-32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
B0887	1280	6-06-088: 5-8;17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
B0888	1536	6-05-089: 22;23;26;27;34;35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLOY FM	(CRG000103) (DRRZD 32)
B0889	1536	6-07-089: 3;4;9-11;14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLOY FM	(DRRZD 32)
B0890	512	5-16-093: 28;29 PETROLEUM AND NATURAL GAS	(ADM001902)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0891	2688		(CRG000103)
	TRACT ONE	6-01-094: 12;13E PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-25-093: 32 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 2887)
	TRACT THREE	6-01-093: 36 6-01-094: 1;22;23;26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT FOUR	6-01-094: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 49)
	TRACT FIVE	5-25-094: 17 6-01-094: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 217)
B0892	512		(ADM001902) (CRG000155)
		5-09-094: 1;12 PETROLEUM AND NATURAL GAS	
B0893	512		(ADM001902)
		5-09-094: 2;11 PETROLEUM AND NATURAL GAS	
B0894	768		(ADM001902)
		5-16-094: 5;6;8 PETROLEUM AND NATURAL GAS	
B0895	768		(ADM001902)
		5-16-094: 7;18;19 PETROLEUM AND NATURAL GAS	
B0896	768		(CRG000103)
		5-25-094: 20 6-01-094: 25;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 217)
B0897	1792		(CRG000103)
	TRACT ONE	6-01-094: 21E PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-01-094: 19;20;21W;28-30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 49)
	TRACT THREE	6-01-094: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 217)
B0898	512		(ADM004101)
		6-03-111: 3;10 PETROLEUM AND NATURAL GAS	
B0899	1024		(ADM004101)
		6-03-111: 4;5;8;9 PETROLEUM AND NATURAL GAS	
B0900	512		(ADM004101)
		6-03-111: 6;7 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
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--- Foothills Region ---			
B0901	1024	4-28-004: 20;29;30 4-29-004: 24 PETROLEUM AND NATURAL GAS	
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B0902	512	4-28-004: 34 4-28-005: 4 PETROLEUM AND NATURAL GAS	
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B0903	1280	4-28-006: 6 4-29-005: 36 4-29-006: 11;12;14 PETROLEUM AND NATURAL GAS	
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B0904	256	6-13-065: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
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B0905	256	6-13-065: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(CRG000104) (ES4000103) (DRRZD 38)
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37	28,992.00	HA TOTALS	END

## ZONE DESIGNATIONS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

ZD: 6-A                    ZONE: 2280 PEACE RIVER FM

INTERVAL: 1,155.00 - 1,431.00 FEET  
KEY WELL: 00/16-34-080-24W5/0  
LOG TYPE: NOT IDENTIFIED

ZONE: 3260 GETHING FM

INTERVAL: 2,400.00 - 2,554.00 FEET  
KEY WELL: 00/16-34-080-24W5/0  
LOG TYPE: NOT IDENTIFIED

ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2,840.00 - 3,140.00 FEET  
KEY WELL: 00/16-34-080-24W5/0  
LOG TYPE: NOT IDENTIFIED

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ZD: 18-A                    ZONE: 1600 COLORADO GRP

INTERVAL: 1,480.00 - 2,878.00 FEET  
KEY WELL: 00/10-19-024-11W4/0  
LOG TYPE: ELECTRICAL

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ZD: 34                    ZONE: 2280 PEACE RIVER FM

INTERVAL: 1,410.00 - 1,790.00 FEET  
KEY WELL: 00/06-17-081-04W6/0  
LOG TYPE: ELECTRICAL

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ZD: 78-1                    ZONE: 3180 BASAL BLAIRMORE

INTERVAL: 4,710.00 - 4,913.00 FEET  
KEY WELL: 00/15-14-031-22W4/0  
LOG TYPE: ELECTRICAL

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ZD: 129                    ZONE: 2140 VIKING FM

INTERVAL: 2,668.00 - 2,718.00 FEET  
KEY WELL: 00/10-29-034-06W4/0  
LOG TYPE: NOT IDENTIFIED

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ZD: 178-A                    ZONE: 7440 BEAVERHILL LAKE GRP

INTERVAL: 8,480.00 - 8,800.00 FEET  
KEY WELL: 00/10-14-061-12W5/0  
LOG TYPE: MICROLOG

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ZD: 252-2                    ZONE: 3100 LOWER MANNVILLE FM

INTERVAL: 4,213.00 - 4,302.00 FEET  
KEY WELL: 00/07-14-029-19W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 253                    ZONE: 6420 PEKISKO FM

INTERVAL: 4,530.00 - 4,696.00 FEET  
KEY WELL: 00/10-36-031-21W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 2003                    ZONE: 2140 VIKING FM

INTERVAL: 1,904.00 - 1,972.00 FEET  
KEY WELL: 00/06-22-045-09W4/0  
LOG TYPE: NOT IDENTIFIED

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## ZONE DESIGNATIONS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

ZD: 2080                    ZONE: 2140 VIKING FM

INTERVAL: 2,490.00 - 2,600.00 FEET  
 KEY WELL: 00/06-29-029-04W4/0  
 LOG TYPE: INDUCTION ELECTRIC

ZONE: 3504 DETRITAL SANDSTONE

INTERVAL: 2,820.00 - 2,843.00 FEET  
 KEY WELL: 00/06-29-029-04W4/0  
 LOG TYPE: INDUCTION ELECTRIC

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ZD: 2081                    ZONE: 2420 BASAL COLORADO SD

INTERVAL: 2,784.00 - 2,789.00 FEET  
 KEY WELL: 00/11-02-023-10W4/0  
 LOG TYPE: INDUCTION ELECTRIC

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ZD: 2141                    ZONE: 2140 VIKING FM

INTERVAL: 2,337.00 - 2,442.00 FEET  
 KEY WELL: 00/06-35-060-01W5/0  
 LOG TYPE: NOT IDENTIFIED

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ZD: 2431                    ZONE: 2301 PADDY-CADOTTE

INTERVAL: 1,154.00 - 1,272.00 FEET  
 KEY WELL: 00/16-05-081-24W5/0  
 LOG TYPE: ELECTRICAL

ZONE: 3040 BLUESKY FM

INTERVAL: 2,417.00 - 2,480.00 FEET  
 KEY WELL: 00/16-05-081-24W5/0  
 LOG TYPE: ELECTRICAL

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ZD: 2628                    ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2,008.00 - 3,119.00 FEET  
 KEY WELL: 00/07-09-078-01W6/0  
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 3,119.00 - 3,286.00 FEET  
 KEY WELL: 00/07-09-078-01W6/0  
 LOG TYPE: DUAL INDUCTION-LATEROLOG

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ZD: 2676                    ZONE: 1700 CARDIUM FM

INTERVAL: 5,317.00 - 5,610.00 FEET  
 KEY WELL: 00/06-20-033-07W5/0  
 LOG TYPE: DUAL INDUCTION-LATEROLOG

AND ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
 CONTINUITY WITH THE STRATA DESCRIBED ABOVE AND WHICH OCCUR IN  
 WHOLE OR IN PART WITHIN ANY OTHER FAULT BLOCK.

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ZD: 2676-A                ZONE: 2140 VIKING FM

INTERVAL: 6,535.00 - 6,636.00 FEET  
 KEY WELL: 00/07-09-033-07W5/0  
 LOG TYPE: DUAL INDUCTION-LATEROLOG

AND ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
 CONTINUITY WITH THE STRATA DESCRIBED ABOVE AND WHICH OCCUR IN  
 WHOLE OR IN PART WITHIN ANY OTHER FAULT BLOCK.

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## ZONE DESIGNATIONS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

ZD: 2708                    ZONE: 3052 BLUESKY-BULLHEAD  
INTERVAL: 2,858.00 - 2,987.00 FEET  
KEY WELL: 00/03-24-081-05W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

                          ZONE: 6120 DEBOLT FM  
INTERVAL: 4,530.00 - 5,343.00 FEET  
KEY WELL: 00/06-21-081-04W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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ZD: 2736                    ZONE: 3050 BLUESKY-GETHING  
INTERVAL: 8,027.00 - 8,346.00 FEET  
KEY WELL: 00/06-22-058-21W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

                          ZONE: 5000 TRIASSIC SYSTEM  
INTERVAL: 8,579.00 - 8,772.00 FEET  
KEY WELL: 00/06-22-058-21W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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ZD: 2887                    ZONE: 3050 BLUESKY-GETHING  
INTERVAL: 2,344.00 - 2,382.00 FEET  
KEY WELL: 00/11-33-093-25W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2003, OCTOBER 29 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: 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

---

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

---

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: 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: 20                   ZONE: 4280    SAWTOOTH FM  
  
INTERVAL: 3,109.00 - 3,176.00 FEET  
KEY WELL: 00/10-02-006-14W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

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

---

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

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

DRRZD: 28                    ZONE: 6300   TURNER VALLEY FM  
  
INTERVAL: 5,817.00 - 6,172.00 FEET  
KEY WELL: 00/08-30-019-02W5/0  
LOG TYPE: GAMMA RAY NEUTRON

AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
CONTINUITY WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL AND  
WHICH OCCUR IN WHOLE OR IN PART WITHIN ANY OTHER FAULT BLOCK.

---

DRRZD: 29                    ZONE: 6400   SHUNDA FM  
  
INTERVAL: 11,048.00 - 11,229.00 FEET  
KEY WELL: 00/07-24-041-12W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
CONTINUITY WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL AND  
WHICH OCCUR IN WHOLE OR IN PART WITHIN ANY OTHER FAULT BLOCK.

---

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: 32                    ZONE: 5560   BELLOY FM  
  
INTERVAL: 2,883.00 - 3,105.00 FEET  
KEY WELL: 00/10-24-078-19W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

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: 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

---

DRRZD: 49                    ZONE: 6120   DEBOLT FM  
  
INTERVAL: 2,408.00 - 2,434.00 FEET  
KEY WELL: 00/07-15-095-02W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

DRRZD: 53                    ZONE: 6460   BAKKEN FM  
  
INTERVAL: 2,872.00 - 2,945.00 FEET  
KEY WELL: 00/07-25-030-01W4/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

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: 58                    ZONE: 5000 TRIASSIC SYSTEM  
  
INTERVAL: 3,568.00 - 4,088.00 FEET  
KEY WELL: 00/10-26-085-04W6/0  
LOG TYPE: DUAL INDUCTION SFL

---

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: 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

---

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: 77                    ZONE: 1540 CHINOOK MBR  
  
INTERVAL: 4,532.00 - 4,656.00 FEET  
KEY WELL: 00/11-27-064-09W6/0  
LOG TYPE: DUAL INDUCTION FOCUSED

---

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

---

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

---

DRRZD: 104                   ZONE: 1860 SECOND WHITE SPECKS  
  
INTERVAL: 2,108.50 - 2,186.00 METRES  
KEY WELL: 00/12-02-056-19W5/0  
LOG TYPE: DUAL INDUCTION SFL

---

DRRZD: 159                   ZONE: 1060 EDMONTON GRP  
  
INTERVAL: 491.30 - 956.30 METRES  
KEY WELL: 00/08-02-045-04W5/0  
LOG TYPE: DUAL INDUCTION SFL

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

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: 217                    ZONE: 6400 SHUNDA FM  
  
INTERVAL: 1,626.70 - 1,745.80 METRES  
KEY WELL: 02/06-22-080-03W6/0  
LOG TYPE: DUAL INDUCTION FOCUSED LOG GAMMA RAY

---

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

---

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: 264                    ZONE: 5240 MONTNEY FM  
  
INTERVAL: 2,229.00 - 2,491.50 METRES  
KEY WELL: 00/06-32-076-11W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

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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END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

**ADM001801**

LEASE A0749  
LEASE A0750  
LEASE A0753

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  
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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**ADM001901**

LEASE A0836  
LEASE A0837  
LEASE A0838  
LEASE A0839  
LEASE A0840  
LEASE A0844  
LEASE A0845  
LEASE A0846

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

**APPENDIX 3**

**PAGE 2**

**ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE**

FOR FURTHER INFORMATION, PLEASE CONTACT:

RETHA PURKIS  
MANAGER  
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 A0858  
LEASE A0859  
LEASE A0860  
LEASE A0861  
LEASE A0862  
LICENCE B0890  
LICENCE B0892  
LICENCE B0893  
LICENCE B0894  
LICENCE B0895

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  
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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**ADM004101**

LICENCE B0898  
LICENCE B0899  
LICENCE B0900

ALL LAND(S) IS/ARE WITHIN THE DENE THA' CONSULTATION PILOT PROJECT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

CLIFF SUPERNALUT  
SPECIAL ADVISOR  
ALBERTA DEPARTMENT OF ENERGY  
OIL DEVELOPMENT DIVISION  
ENERGY AND ABORIGINAL RELATIONSHIPS  
9945 108 ST NW FLOOR 5  
EDMONTON AB T5K 2G6 (780) 415-2255

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## ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

**BWP001802**

LEASE A0805

ALL LAND(S) IS/ARE WITHIN A "BUCK FOR WILDLIFE" PROJECT AREA.

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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**CRG000103**

## LAND DESCRIPTION

LICENCE B0888 6-05-089: 22SP,NEP;23S,NWP,NE;26E,WP;35EP  
 LICENCE B0891 6-01-094: 22;23;24N,SEP,SW;26;27  
 LICENCE B0896 5-25-094: 20NP,SWP  
 6-01-094: 25;35  
 LICENCE B0897 6-01-094: 19N,SE,SWP;20;21;28-30;34

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 AND FOREST SERVICE  
 9621 96 AVE FLOOR MAIN  
 PEACE RIVER AB T8S 1T4 (780) 624-6331

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**CRG000104**

## LAND DESCRIPTION

LICENCE B0905 6-13-065: 15WP

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 AND FOREST SERVICE  
 9621 96 AVE FLOOR MAIN  
 PEACE RIVER AB T8S 1T4 (780) 624-6331

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**CRG000106**

LICENCE B0871

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DON BREWER  
 LAND USE 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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APPENDIX 3

PAGE 4

ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

**CRG000155** LAND DESCRIPTION  
LICENCE B0892 5-09-094: 1E,WP;12E,WP

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 AND FOREST SERVICE  
PO BOX 390  
SLAVE LAKE AB T0G 2A0 (780) 849-7400

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**ES2000103** LAND DESCRIPTION  
LEASE A0813 6-03-062: 8SEP

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 HERVIEUX  
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) 538-5618

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**ES4000101** LAND DESCRIPTION  
LICENCE B0871 5-26-059: 16S,NW,NEP;17SP,NEP;18SP

IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DON BREWER  
LAND USE 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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**ES4000103** LAND DESCRIPTION  
LICENCE B0905 6-13-065: 15WP

IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JOHN BRADLEY  
LAND USE CO-ORDINATOR  
DEPT. OF SUSTAINABLE RESOURCE DEV  
GRANDE PRAIRIE OFFICE - LAND AND FOREST SERVICE  
10811 84 AVE  
GRANDE PRAIRIE AB T8V 3J2 (780) 538-8080

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ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

**GZR000901**

LEASE A0786  
LEASE A0787  
LEASE A0788

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

STEW MCKAY  
REGIONAL MANAGER  
DEPT. OF SUSTAINABLE RESOURCE DEV  
DRAYTON VALLEY OFFICE - PUBLIC LANDS  
GRAZING RESERVES  
5136 51 AVE  
PO BOX 6411  
DRAYTON VALLEY AB T7A 1R8 (780) 542-3537

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**GZR001901**            LAND DESCRIPTION  
LEASE A0835        6-02-079: 25N,SW,L7

IS/ARE WITHIN A GRAZING RESERVE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DALE WILLSEY  
ACTING GRAZING RESERVE MANAGER  
DEPT. OF SUSTAINABLE RESOURCE DEV  
FAIRVIEW OFFICE - PUBLIC LANDS  
10209 109 ST  
PO BOX 159  
FAIRVIEW AB T0H 1L0 (780) 835-7525

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**GZR002501**            LAND DESCRIPTION  
LEASE A0820  
LEASE A0821        6-04-073: 33SE

IS/ARE WITHIN A GRAZING RESERVE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DALE WILLSEY  
ACTING GRAZING RESERVE MANAGER  
DEPT. OF SUSTAINABLE RESOURCE DEV  
FAIRVIEW OFFICE - PUBLIC LANDS  
10209 109 ST  
PO BOX 159  
FAIRVIEW AB T0H 1L0 (780) 835-7525

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**HRM000202**

LEASE A0687  
LEASE A0688

ALL LAND(S) IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA. PURSUANT TO SEC. 33(2) OF THE HISTORICAL RESOURCES ACT, AN HISTORICAL RESOURCES IMPACT ASSESSMENT MAY BE REQUIRED PRIOR TO CONDUCTING ANY SURFACE DISTURBANCE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEAN WETZEL  
RESOURCE MANAGEMENT PLANNER  
COMMUNITY DEVELOPMENT  
HERITAGE RESOURCE MANAGEMENT BRANCH  
PROTECTION AND STEWARDSHIP SECTION  
OLD ST STEPHEN'S COLLEGE  
8820 112 ST NW  
EDMONTON AB T6G 2P8 (780) 431-2332

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IR2000201	LAND DESCRIPTION
LEASE A0770	5-07-038: 18SWP
LEASE A0772	5-08-038: 12WP

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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IR2000601	LAND DESCRIPTION
LEASE A0773	5-17-045: 1EP
LEASE A0774	5-17-045: 1EP
LEASE A0775	5-17-045: 12EP
LEASE A0776	5-17-045: 12EP
LEASE A0778	5-14-046: 20SP,NW,NEP
LEASE A0779	5-14-046: 21SP,NWP
LEASE A0780	5-15-046: 13P
LEASE A0781	5-15-046: 13P
LEASE A0782	5-15-046: 27SP,NWP,NE
LEASE A0783	5-15-046: 27SP,NWP,NE
LEASE A0784	5-15-046: 34SP,NWP
LEASE A0785	5-15-046: 34SP,NWP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE BRAZEAU-PEMBINA 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 A0842	6-05-080: 16P

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 2003, OCTOBER 29 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

BILL FISHERDEN  
 TECHNOLOGIST  
 DEPARTMENT OF ENVIRONMENT  
 WATER MANAGEMENT  
 4920 51 ST SUITE 501  
 RED DEER AB T4N 6K8 (403) 340-7669

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**TSH000101** LAND DESCRIPTION  
 LEASE A0824 6-11-075: 26P

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HERVIEUX  
 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) 538-5618

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**WLT000101**  
 LEASE A0665  
 LEASE A0666

ALL LAND(S) IS/ARE WITHIN A "WETLANDS FOR TOMORROW" PROJECT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LEO DUBE  
 WILDLIFE TECHNICIAN  
 DEPT. OF SUSTAINABLE RESOURCE DEV  
 LETHBRIDGE OFFICE - FISH AND WILDLIFE  
 Y P M PLACE  
 530 8 ST S  
 LETHBRIDGE AB T1J 2J8 (403) 382-4363

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**WLT001401**  
 LEASE A0820

ALL LAND(S) IS/ARE WITHIN A "WETLANDS FOR TOMORROW" PROJECT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HERVIEUX  
 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) 538-5618

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**WPP000901** LAND DESCRIPTION  
 LEASE A0842 6-05-080: 16NP,SEP

IS/ARE WITHIN A WILDLAND PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

ADDENDA AND CONTACTS APPLICABLE TO THE 2003, OCTOBER 29 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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WPP002101	LAND DESCRIPTION
LEASE A0834	6-02-079: 17S,L9-L12,L16
LEASE A0835	6-02-079: 25L1,L2,L8
LEASE A0837	
LEASE A0838	

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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END