

2013 FEBRUARY 06

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2013.02.06

From	To	Total	Area
LEASES: A0011	A0124	114	25,927.5700 ha.
LICENCES: B0125	B0164	40	29,248.0000 ha.

		154	55,175.5700 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 2013 February 06**.

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 **2013 February 06** 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.

2012 December 12
EDMONTON, Alberta

Christine Rudland - Manager
P&NG Sales and Registrations

2013, FEBRUARY 06

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0011	256	4-12-006: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0012	64	TRACT ONE 4-15-007: 36L3,L5,L6 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-15-007: 36L4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0013	64	4-17-010: 3NE PETROLEUM AND NATURAL GAS	
A0014	256	TRACT ONE 4-17-010: 11SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 273)
		TRACT TWO 4-17-010: 11N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0015	119.57	4-19-011: 1EP PORTION(S) DESIGNATED AS BELLY RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1887/11/23. SWP PORTION(S) LYING TO THE NORTH AND WEST OF THE RIGHT BANK OF THE BELLY RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1887/11/23. NWP PORTION(S) LYING TO THE SOUTH OF THE LEFT BANK OF THE LITTLE BOW RIVER AND TO THE NORTH AND WEST OF THE RIGHT BANK OF THE BELLY RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1887/11/23. PETROLEUM AND NATURAL GAS	
A0016	128	4-28-011: 3S PETROLEUM AND NATURAL GAS	
A0017	256	4-28-011: 20 PETROLEUM AND NATURAL GAS	
A0018	256	4-22-016: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE SAWTOOTH FM	(DRRZD 4) (DRRZD 20)
A0019	256	4-18-018: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0020	256	4-18-018: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0021	256	4-18-018: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE BOW ISLAND SD	(DRRZD 12) (DRRZD 8)
A0022	256	4-18-018: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(HRV000402) (DRRZD 4)
A0023	512	TRACT ONE 4-09-024: 27 PETROLEUM AND NATURAL GAS TRACT TWO 4-09-024: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0024	512	TRACT ONE 4-09-025: 6 PETROLEUM AND NATURAL GAS TRACT TWO 4-09-024: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0025	512	TRACT ONE 4-09-024: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TRACT TWO 4-09-024: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0026	256	4-09-024: 34 PETROLEUM AND NATURAL GAS	
A0027	512	TRACT ONE 4-09-025: 3 PETROLEUM AND NATURAL GAS TRACT TWO 4-09-025: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0028	512	4-09-025: 5;9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0029	128	TRACT ONE 4-21-030: 3SW, L1, L2, L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM TRACT TWO 4-21-030: 3L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(NAT015501) (DRRZD 9) (DRRZD 23)

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LEASE	HECTARES	LAND DESCRIPTION	
A0030	1856	4-06-033: 13-15;22-24;26NE;27 PETROLEUM AND NATURAL GAS	
A0031	768	4-06-033: 21;28;34 PETROLEUM AND NATURAL GAS	
A0032	1536	TRACT ONE 4-06-033: 29-31;32N;33 4-06-034: 6 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-06-033: 32S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0033	128	4-11-035: 25E PETROLEUM AND NATURAL GAS	
A0034	256	5-04-035: 18 PETROLEUM AND NATURAL GAS TO THE TOP OF THE CARDIUM FM	(DRRZD 3)
A0035	128	4-11-036: 22N PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0036	64	4-05-038: 9NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0037	256	4-05-038: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0038	128	4-05-038: 20W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0039	128	4-05-038: 28S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0040	256	TRACT ONE 4-05-038: 30N, SW, L1, L2, L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 4-05-038: 30L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0041	256	4-09-038: 28 PETROLEUM AND NATURAL GAS	
A0042	256	4-09-038: 29 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0043	256	4-06-039: 34 PETROLEUM AND NATURAL GAS	
A0044	192	4-16-040: 10S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(PDM000701) (DRRZD 6)
A0045	256	5-04-041: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0046	256	5-03-043: 30 NATURAL GAS IN THE PEKISKO FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(ZD 2623-A) (DRRZD 57)
A0047	256	5-04-043: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 280) (DRRZD 39) (DRRZD 30)
A0048	256	5-03-044: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0049	1216	TRACT ONE 5-03-045: 7W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 5-03-045: 5;6 5-04-044: 26NE 5-04-045: 1;11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0050	256	TRACT ONE 5-04-047: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
		TRACT TWO 5-04-047: 36N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0051	64	4-05-048: 11NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0052	64	4-05-048: 32SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0053	64	4-05-048: 32NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)

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LEASE	HECTARES	LAND DESCRIPTION	
A0054	256	4-25-048: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0055	256	4-25-048: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0056	256	4-25-048: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0057	192	4-02-049: 34S,L9,L12-L14 PETROLEUM AND NATURAL GAS	
A0058	128	4-06-049: 10E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0059	128	4-06-049: 10W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0060	64	4-05-051: 22SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0061	16	4-21-056: 11L13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0062	256	4-17-060: 15 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
A0063	512	5-05-035: 10;16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE TURNER VALLEY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 4) (DRRZD 28) (DRRZD 5)
A0064	256	TRACT ONE 5-05-035: 32SE PETROLEUM AND NATURAL GAS IN THE TURNER VALLEY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 28) (DRRZD 5)
		TRACT TWO 5-05-035: 32N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)

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LEASE	HECTARES	LAND DESCRIPTION	
A0065	384		(GZR000801)
	TRACT ONE	5-05-045: 13S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	5-05-045: 12N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE PEKISKO-U BANFF	(DRRZD 3) (ZD 2862)
A0066	128		(IR2000601)
		5-09-047: 14N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0067	64		
		5-05-048: 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM TO THE BASE OF THE NISKU FM	(DRRZD 90) (DRRZD 79)
A0068	64		
		5-05-048: 33SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM TO THE BASE OF THE NISKU FM	(DRRZD 90) (DRRZD 79)
A0069	64		
		5-05-048: 33NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM TO THE BASE OF THE NISKU FM	(DRRZD 90) (DRRZD 79)
A0070	64		
		5-05-048: 33NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM TO THE BASE OF THE NISKU FM	(DRRZD 90) (DRRZD 79)
A0071	64		
		5-16-054: 36NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0072	192		
		5-08-055: 18S,NE PETROLEUM AND NATURAL GAS	
A0073	192		
		5-09-055: 13S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0074	192		
		5-18-060: 23N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BULLHEAD GRP	(DRRZD 38) (DRRZD 21) (ZD 3116)
A0075	64		
		6-06-067: 6NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0076	64		
		5-14-073: 30NW PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0077	128	5-14-073: 31NW 5-15-073: 36NE PETROLEUM AND NATURAL GAS	
A0078	256	6-13-073: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0079	64	5-15-074: 2NW PETROLEUM AND NATURAL GAS	
A0080	256	5-10-075: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0081	256	5-10-075: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0082	64	6-09-075: 12SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM TO THE BASE OF THE DOIG FM	(DRRZD 246) (DRRZD 251)
A0083	256	5-10-076: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0084	256	5-10-076: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0085	256	5-10-076: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0086	256	5-10-076: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0087	256	5-11-076: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0088	256	5-11-076: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0089	192	5-11-076: 2S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0090	192	5-11-076: 2S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

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LEASE	HECTARES	LAND DESCRIPTION	
A0091	128	6-07-077: 36E PETROLEUM AND NATURAL GAS	
A0092	256	6-08-078: 2 PETROLEUM AND NATURAL GAS	
A0093	256	6-08-078: 4 PETROLEUM AND NATURAL GAS	
A0094	256	6-08-078: 9 PETROLEUM AND NATURAL GAS	
A0095	256	6-08-078: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0096	128	6-08-078: 17E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0097	256	6-10-078: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0098	256	6-10-078: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0099	256	6-10-078: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0100	64	5-14-081: 6SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0101	64	5-14-081: 6SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0102	64	5-14-081: 6NW PETROLEUM AND NATURAL GAS	(ADM001902)
A0103	64	5-14-081: 6NE PETROLEUM AND NATURAL GAS	(ADM001902)
A0104	64	5-14-081: 7SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0105	64	5-14-081: 7SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0106	64	5-14-081: 7NW PETROLEUM AND NATURAL GAS	(ADM001902)

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LEASE	HECTARES	LAND DESCRIPTION	
A0107	64	5-14-081: 7NE PETROLEUM AND NATURAL GAS	(ADM001902)
A0108	64	5-14-081: 18SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0109	64	5-14-081: 18SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0110	64	5-14-081: 18NW PETROLEUM AND NATURAL GAS	(ADM001902)
A0111	64	5-14-081: 18NE PETROLEUM AND NATURAL GAS	(ADM001902)
A0112	64	5-15-081: 1SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0113	64	5-15-081: 1SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0114	64	5-15-081: 1NW PETROLEUM AND NATURAL GAS	(ADM001902)
A0115	64	5-15-081: 1NE PETROLEUM AND NATURAL GAS	(ADM001902)
A0116	64	5-15-081: 12SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0117	64	5-15-081: 12SW PETROLEUM AND NATURAL GAS	(ADM001902)
A0118	256	6-07-083: 8 PETROLEUM AND NATURAL GAS	
A0119	256	6-03-086: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0120	256	6-03-086: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(PRA016401) (TSH002401) (DRRZD 38)
A0121	64	5-11-088: 28NE PETROLEUM AND NATURAL GAS	(ADM001902)
--- FOOTHILLS REGION ---			
A0122	64	4-29-011: 26NE PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0123	256		(CRG000601) (SIP000601)
		5-27-056: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 51)
A0124	256		(CRG000601) (SIP000601)
		6-01-056: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 51)
114	25,927.57	HA TOTALS	END

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LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0125	256		(IR2000201)
	TRACT ONE	5-05-044: 34S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 3) (ZD 227)
	TRACT TWO	5-05-044: 34NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
B0126	256	5-08-045: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
B0127	2816		(IR2000201) (IR2000601) (PDR001101) (POW000101)
	TRACT ONE	5-10-045: 7 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)
	TRACT TWO	5-10-045: 17-20 5-11-045: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT THREE	5-11-045: 13;14;23;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT FOUR	5-11-045: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0128	3328		(IR2000601) (POW000101)
	TRACT ONE	5-10-045: 33 5-10-046: 4-8 5-11-046: 1;12;15-17;20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT TWO	5-11-046: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
B0129	256	5-06-046: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE RUNDLE-UPPER BANFF	(DRRZD 3) (ZD 43-2)
B0130	512	5-09-046: 16;21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(IR2000601) (DRRZD 60)
B0131	256	5-10-046: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0132	768		(IR2000201) (IR2000601)
	TRACT ONE	5-09-047: 1S,NE;2N;11;12SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT TWO	5-09-047: 2S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0133	256		(HRV000401) (IR2000201) (IR2000601)
		5-09-047: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0134	256		(IR2000201) (IR2000601)
		5-09-047: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0135	768		
	TRACT ONE	5-09-047: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT TWO	5-09-047: 25;26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0136	2496		
	TRACT ONE	5-12-054: 5 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-12-054: 4S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT THREE	5-12-054: 8;17SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT FOUR	5-12-053: 32 5-12-054: 3;6;7NE;9S,NW;17N,SW;20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT FIVE	5-12-054: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0137	512		
		5-18-058: 26;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0138	512		
		5-18-058: 29;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)

2013, FEBRUARY 06

LICENCE	HECTARES	LAND DESCRIPTION	
B0139	768		
	TRACT ONE	5-14-060: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	5-14-060: 1;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0140	512		(CRG000601) (SIP000601)
	TRACT ONE	6-02-060: 25 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	6-02-060: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 38) (DRRZD 22)
B0141	256		(CRG000701) (ES2000103) (SIP000601)
		6-02-061: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0142	256		(CRG000701) (ES2000103) (SIP000601)
		6-02-062: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0143	768		(ES2000103)
		5-26-063: 31 5-26-064: 6;7 PETROLEUM AND NATURAL GAS	
B0144	1408		(ES4000103) (PRA017301) (TSH002501)
	TRACT ONE	6-05-064: 27W PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(DRRZD 276)
	TRACT TWO	6-05-064: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE FERNIE GRP	(DRRZD 38) (DRRZD 276)
	TRACT THREE	6-05-064: 2;11;12;14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE FERNIE GRP	(DRRZD 21) (DRRZD 276)
B0145	256		
		6-04-065: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 21) (DRRZD 247)
B0146	256		(ES2000103)
		6-04-065: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)

2013, FEBRUARY 06

LICENCE	HECTARES	LAND DESCRIPTION	
B0147	768	6-04-065: 36 6-04-066: 1;2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(ES2000103) (DRRZD 247)
B0148	768	TRACT ONE 6-06-066: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	 (DRRZD 38) (DRRZD 264)
		TRACT TWO 6-06-066: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	 (DRRZD 276)
		TRACT THREE 6-06-066: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	 (DRRZD 246)
B0149	768	TRACT ONE 6-09-066: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	 (DRRZD 40) (DRRZD 21)
		TRACT TWO 6-09-066: 23;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	 (DRRZD 21)
B0150	704		(TSH002501)
		TRACT ONE 6-07-069: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	 (DRRZD 38)
		TRACT TWO 6-07-069: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	 (DRRZD 247)
		TRACT THREE 6-07-068: 32N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	 (DRRZD 246)
B0151	256	6-10-079: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	 (DRRZD 251)
B0152	256	6-11-079: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	 (DRRZD 246)
B0153	512	6-05-083: 10;15 PETROLEUM AND NATURAL GAS	
B0154	768	TRACT ONE 6-02-087: 3;4 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-02-087: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	 (DRRZD 21)

2013, FEBRUARY 06

LICENCE	HECTARES	LAND DESCRIPTION	
B0155	256	6-02-087: 18 PETROLEUM AND NATURAL GAS	
B0156	2048	TRACT ONE 6-04-113: 14-16;21;25N PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 2928-1)
		TRACT TWO 6-04-113: 22-24;25S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
--- Foothills Region ---			
B0157	1664	4-29-010: 28;32;33N, SW 4-29-011: 3N, SE;4;9;10 PETROLEUM AND NATURAL GAS	
B0158	704	4-29-011: 16;17S, NW;20 PETROLEUM AND NATURAL GAS	
B0159	256	5-04-025: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
B0160	256	5-04-025: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
B0161	256	5-04-025: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
B0162	256	5-04-025: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
B0163	256	5-04-025: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
B0164	768		(SIP000401)
		TRACT ONE 5-16-043: 20 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-16-043: 17;19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP	(DRRZD 56) (DRRZD 27)
40	29,248.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

ZD: 43-2 ZONE: 6105 RUNDLE-UPPER BANFF

INTERVAL: 6,734.00 - 6,850.00 FEET
KEY WELL: 00/12-22-046-06W5/0
LOG TYPE: ELECTRICAL

ZD: 227 ZONE: 6420 PEKISKO FM

INTERVAL: 7,146.00 - 7,192.00 FEET
KEY WELL: 00/11-04-045-05W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 2623-A ZONE: 6420 PEKISKO FM

INTERVAL: 7,064.00 - 7,088.00 FEET
KEY WELL: 00/06-14-043-04W5/0
LOG TYPE: INDUCTION ELECTROLOG

ZD: 2862 ZONE: 6422 PEKISKO-U BANFF

INTERVAL: 7,008.00 - 7,157.00 FEET
KEY WELL: 00/07-31-044-04W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

ZD: 2928-1 ZONE: 3050 BLUESKY-GETHING

INTERVAL: 715.00 - 848.00 FEET
KEY WELL: 00/07-15-113-04W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3116 ZONE: 3240 BULLHEAD GRP

INTERVAL: 6,140.00 - 6,283.00 FEET
KEY WELL: 00/07-16-060-17W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, FEBRUARY 06 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: 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: 12 ZONE: 1640 MEDICINE HAT SD

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

DRRZD: 13 ZONE: 1860 SECOND WHITE SPECKS

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

DRRZD: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

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: 23 ZONE: 6960 NISKU FM

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

DRRZD: 27 ZONE: 6100 RUNDLE GRP

INTERVAL: 9,040.00 - 9,990.00 FEET
KEY WELL: 00/05-25-029-09W5/0
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: 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: 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: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

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: 56 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 12,582.00 - 12,746.00 FEET
KEY WELL: 00/06-05-049-21W5/0
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: 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: 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: 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: 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

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

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: 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: 273 ZONE: 2030 FISH SCALE-WESTGATE

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

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

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

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

ADM001902

LEASE A0100
 LEASE A0101
 LEASE A0102
 LEASE A0103
 LEASE A0104
 LEASE A0105
 LEASE A0106
 LEASE A0107
 LEASE A0108
 LEASE A0109
 LEASE A0110
 LEASE A0111
 LEASE A0112
 LEASE A0113
 LEASE A0114
 LEASE A0115
 LEASE A0116
 LEASE A0117
 LEASE A0121

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

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

CRG000601

LEASE A0123
 LEASE A0124
 LICENCE B0140

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

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

CRG000701 LAND DESCRIPTION
LICENCE B0141 6-02-061: 33S,NE
LICENCE B0142 6-02-062: 3S,NE

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

ES2000103 LAND DESCRIPTION
LICENCE B0141 6-02-061: 33SEP
LICENCE B0142 6-02-062: 3SP
LICENCE B0143 5-26-063: 31P
5-26-064: 6SP,N;7
LICENCE B0146 6-04-065: 34EP,W
LICENCE B0147 6-04-066: 2SWP,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:

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

ES4000103 LAND DESCRIPTION
LICENCE B0144 6-05-064: 2L13-L16;11;12;14

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:

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

GZR000801
LEASE A0065

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SUE DEBRUJN
RANGELAND AGROLOGIST
DRAYTON VALLEY OFFICE - LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV
6521 50 AVE
PO BOX 6090
DRAYTON VALLEY AB T7A 1R6 (780) 542-6616

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

HRV000401 LAND DESCRIPTION
LICENCE B0133 5-09-047: 3L7

IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA. PURSUANT TO SEC. 37(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

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEAN WETZEL
LAND USE PLANNER, OIL SANDS
CULTURE, DEPARTMENT OF
HISTORIC RESOURCE MANAGEMENT BRANCH
LAND USE PLANNING SECTION
OLD ST STEPHEN'S COLLEGE
8820 112 ST NW
EDMONTON AB T6G 2P8 (780) 431-2332

HRV000402
LEASE A0022

ALL LAND(S) IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA. PURSUANT TO SEC. 37(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

FOR FURTHER INFORMATION, PLEASE CONTACT:

REBECCA TRAQUAIR
ADMINISTRATIVE COORDINATOR
CULTURE, DEPARTMENT OF
HISTORIC RESOURCE MANAGEMENT BRANCH
LAND USE PLANNING SECTION
OLD ST STEPHEN'S COLLEGE
8820 112 ST NW
EDMONTON AB T6G 2P8 (780) 431-2373

IR2000201 LAND DESCRIPTION
LICENCE B0125 5-05-044: 34E, WP
LICENCE B0127 5-10-045: 7WP; 18SWP
5-11-045: 13NP, SEP, SW; 14P; 23SP; 24SWP
LICENCE B0132 5-09-047: 1NEP; 2NP, SWP; 11NP, SE, SWP; 12SWP
LICENCE B0133 5-09-047: 3NEP
LICENCE B0134 5-09-047: 10SEP

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

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

IR2000601 LAND DESCRIPTION
LEASE A0066 5-09-047: 14NP
LICENCE B0127 5-10-045: 17NP;18L15P,L16P;20L2P,L3P,L6P,L10P
 5-11-045: 23EP;24SP;26NWP
LICENCE B0128 5-10-045: 33NP
 5-10-046: 4WP;5P;6NEP;7SEP;8SP,NEP
 5-11-046: 15NWP;16P
LICENCE B0130 5-09-046: 16SWP
LICENCE B0132 5-09-047: 2SWP;11NWP
LICENCE B0133 5-09-047: 3P
LICENCE B0134 5-09-047: 10SP,NEP

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:
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

NAT015501 LAND DESCRIPTION
LEASE A0029 4-21-030: 3SWP

IS/ARE WITHIN A NATURAL AREA, ESTABLISHED UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS NOT PERMITTED

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

PDM000701 LAND DESCRIPTION
LEASE A0044 4-16-040: 10L1,L8

IS/ARE WITHIN A PERMIT TO DEVELOP A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT. PROSPECTIVE PURCHASERS ARE ADVISED THAT LAND USE PROBLEMS RELATING TO THE MINE OPERATIONS MAY ARISE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
BRENDA MASON
MANAGER, LAND ADMINISTRATION
PRAIRIE MINES & ROYALTY LTD.
LEASE/LAND ADMINISTRATOR
OXFORD TOWER
10235 101 ST NW SUITE 1600
EDMONTON AB T5J 3G1 (780) 420-4092

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

PDR001101 LAND DESCRIPTION
LICENCE B0127 5-11-045: 23L9P,L16P;24L5P,L6P,L12;26SEP,L10P,L13P,
L14P

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE ARDELL
DISTRICT MANAGER; (CALGARY REGION)
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
APPROVALS UNIT
2938 11 ST NE FLOOR 3
CALGARY AB T2E 7L7 (403) 297-5892

POW000101 LAND DESCRIPTION
LICENCE B0127 5-10-045: 19;20NW,L4,L5,L15,L16
5-11-045: 24NE,L7,L8,L11,L13,L14;25;26L9,L15,L16
LICENCE B0128 5-10-045: 33S,NP
5-10-046: 4WP;5P;6P;7P;8SP
5-11-046: 1P;11NP,SEP,SW;12SEP;15SP;16SP,NEP;17SP,NWP;
20NW,L4,L5,L15

IS/ARE WITHIN A HYDRO-ELECTRIC POWER DEVELOPMENT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE ARDELL
DISTRICT MANAGER; (CALGARY REGION)
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
APPROVALS UNIT
2938 11 ST NE FLOOR 3
CALGARY AB T2E 7L7 (403) 297-5892

PRA016401 LAND DESCRIPTION
LEASE A0120 6-03-086: 32L12W

IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

PRA017301 LAND DESCRIPTION
LICENCE B0144 6-05-064: 11L9,L16;12N,L5-L8;14N,SE

IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

SIP000401 LAND DESCRIPTION

LICENCE B0164 5-16-043: 19SWP

IS/ARE WITHIN CHUNGO CREEK MAIN TRUNK ROAD CORRIDOR PLAN (2005) AND IS SUBJECT TO ESRD INFORMATION LETTER 2005-1.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DON LIVINGSTON
LAND MANAGEMENT/PLANNING FORESTER
ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
COURIER BOX 21
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8250

SIP000601 LAND DESCRIPTION

LEASE A0123
LEASE A0124
LICENCE B0140
LICENCE B0141 6-02-061: 33S,NE
LICENCE B0142 6-02-062: 3S,NE

IS/ARE WITHIN THE BERLAND SMOKY INDUSTRIAL ACCESS CORRIDOR PLAN (2008) AND IS SUBJECT TO ESRD 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

TSH002401 LAND DESCRIPTION

LEASE A0120 6-03-086: 32NP,SWP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, FEBRUARY 06 PUBLIC OFFERING NOTICE

TSH002501	LAND DESCRIPTION
LICENCE B0144	6-05-064: 11EP;12SP,N;14SP,NWP,NE
LICENCE B0150	6-07-068: 32WP
	6-07-069: 6SP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIKY
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

END