

2013 MAY 08

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



*Alberta*   
Government

## PUBLIC OFFERING CONTROL COUNTS FOR 2013.05.08

From	To	Total	Area
LEASES: A0001	A0065	65	15,389.6000 ha.
LICENCES: B0066	B0147	82	122,592.0000 ha.
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		147	137,981.6000 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 May 08**.

HOW TO SUBMIT BIDS

1. E-Bidding is mandatory for the submission of bids for petroleum and natural gas leases and licences.
2. Bid requests must be submitted using the Department of Energy's Electronic Transfer System (ETS).

AMOUNT OF PAYMENT

1. Your total bid includes the bonus, rent at \$3.50/ha or \$50.00, whichever is greater, and a fee of \$625.00.
2. A bonus offer of less than \$2.50/ha for a lease or \$1.25/ha for a licence will not be considered.
3. The department reserves the right to reject any bid.

FORM OF PAYMENT

1. Payments must be made by electronic funds transfer (EFT) only.
2. Companies and individuals that do not have a GST registration number are liable for payment of the Goods and Services Tax on various charges. All registrants must ensure that they provide their GST registration number in writing to the Financial Services Branch @ Fax No. (780) 422-4281.

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account by noon on the day of the sale. It can take up to midnight on the day following the sale to see your funds debited from your bank account for an accepted bid.
2. Requesters of parcels posted in this public offering are expected to bid on their parcels. If you are a requester of a parcel and fail to bid, you will be charged a penalty of \$625.00 (plus GST) for each parcel unless it is purchased by someone else.
3. Attached to this notice are APPENDIX 1 and APPENDIX 2 containing applicable Zone Designations (ZDs) and Deeper Rights Reversion Zone Designations (DRRZDs) respectively (See IL 98-14), and APPENDIX 3 containing, where necessary, addenda relating to surface access and terms and conditions for acquisition of parcels within Metis Settlements (See IL 92-19).
4. Addenda do not cover every access situation. Before bidding ensure that the public land manager is contacted for specific access constraints and for standard operating guidelines for that region. On privately owned lands, access approval is a confidential matter between the landowner and the mineral lessee.
5. The Government of Alberta's "*First Nations Consultation Policy on Land Management and Resource Development*" may apply to surface activities proposed as a result of acquiring Crown mineral rights. For information contact SREM Aboriginal Affairs Branch, Alberta Energy and Environment and Sustainable Resource Development at 780-644-8734.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2013 May 08** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

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LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	64		
	TRACT ONE	4-13-011: 24L11, L12, L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
	TRACT TWO	4-13-011: 24L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM	(DRRZD 20)
A0002	64	4-09-013: 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0003	64	4-09-013: 33SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0004	64	4-09-013: 33NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0005	64	4-09-013: 33NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0006	63.6	4-15-014: 27SEP PORTION(S) LYING TO THE SOUTH AND WEST OF THE LEFT BANK OF THE BOW RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/07/15. PETROLEUM AND NATURAL GAS	
A0007	64	4-15-014: 27SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0008	62	4-15-014: 27NWP PORTION(S) LYING TO THE SOUTH AND WEST OF THE LEFT BANK OF THE BOW RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/07/15. PETROLEUM AND NATURAL GAS	
A0009	256	4-22-014: 25 PETROLEUM AND NATURAL GAS	
A0010	256	4-27-018: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
A0011	256	TRACT ONE 4-14-019: 23N,SE,L3,L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD	(DRRZD 48)
		TRACT TWO 4-14-019: 23L4,L5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0012	256	4-22-019: 4 PETROLEUM AND NATURAL GAS	
A0013	256	4-22-019: 14 PETROLEUM AND NATURAL GAS	
A0014	256	4-22-019: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0015	64	4-06-020: 27NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0016	256	4-08-026: 16 PETROLEUM AND NATURAL GAS	
A0017	128	4-16-030: 6E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0018	128	4-16-030: 6W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0019	256	4-15-032: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0020	256	4-04-033: 31 PETROLEUM AND NATURAL GAS	
A0021	256	4-02-034: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0022	192	4-02-034: 13E,SWP PORTION(S) DESCRIBED AS SOUTH HALF OF THE SOUTH WEST QUARTER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/08/05. NWP PORTION(S) DESCRIBED AS NORTH HALF OF THE NORTH WEST QUARTER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/08/05. PETROLEUM AND NATURAL GAS	

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0023	256	4-04-034: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0024	256	4-04-034: 3 PETROLEUM AND NATURAL GAS	
A0025	256	4-04-034: 6 PETROLEUM AND NATURAL GAS	
A0026	256	4-09-034: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0027	256	4-09-034: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0028	256	4-09-034: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0029	256	4-09-034: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0030	768	4-10-034: 31 4-10-035: 4N, SW; 9; 16SW PETROLEUM AND NATURAL GAS	
A0031	512	4-11-035: 3; 10 PETROLEUM AND NATURAL GAS	
A0032	192	4-25-036: 30N, SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0033	256	4-25-036: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0034	256	4-02-039: 24 PETROLEUM AND NATURAL GAS	
A0035	32	4-26-050: 36L1, L2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0036	768	4-10-059: 28; 29; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(ADM001801) (DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0037	768		(ADM001801)
	TRACT ONE	4-10-061: 3 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-10-061: 4;9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
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--- NORTHERN REGION ---			
A0038	256	5-05-036: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE&JURASSIC	(ZD 381-2)
		EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(ZD 381-2)
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A0039	256		(IR2000702) (PDM001401)
		5-23-052: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
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A0040	256		(IR2000702) (PDM001401)
		5-23-052: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
		TO THE BASE OF THE FERNIE GRP	(DRRZD 276)
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A0041	256	5-24-057: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
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A0042	256	5-06-060: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
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A0043	256	5-06-060: 16 PETROLEUM AND NATURAL GAS	
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A0044	256	5-06-060: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
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A0045	256	5-10-062: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(TSH002101) (DRRZD 57)
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A0046	256	5-10-062: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(TSH002101) (DRRZD 57)
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A0047	256	5-10-062: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(TSH002101) (DRRZD 57)
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A0048	256	5-10-062: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(TSH002101) (DRRZD 57)
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PETROLEUM AND NATURAL GAS LEASES

2013, MAY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0049	256	6-08-062: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(CRG002101)  (DRRZD 38)
A0050	128	5-19-063: 3E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DEBOLT FM	(DRRZD 21) (DRRZD 42)
A0051	128	5-19-063: 32N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
A0052	256	5-11-064: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0053	256	5-11-064: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 22) (DRRZD 21)
A0054	256	5-25-064: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0055	192	6-01-065: 5N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0056	256	6-01-065: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(TSH002501)  (DRRZD 38)
A0057	128	6-06-065: 2N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(ES2000103)  (DRRZD 22)
A0058	512	6-08-077: 21;29 PETROLEUM AND NATURAL GAS	
A0059	256	6-08-077: 25 PETROLEUM AND NATURAL GAS	
A0060	256	6-08-077: 34 PETROLEUM AND NATURAL GAS	
A0061	256	TRACT ONE 6-08-077: 36S PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-08-077: 36N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)

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LEASE	HECTARES	LAND DESCRIPTION	
A0062	256	6-10-079: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE STODDART GRP EXCEPTING NATURAL GAS IN THE CADOTTE MBR EXCEPTING NATURAL GAS IN THE NOTIKWIN MBR EXCEPTING NATURAL GAS IN THE GETTING FM	(DRRZD 271) (ZD 2609) (ZD 2609) (ZD 2609)
A0063	64	6-05-117: 27SE PETROLEUM AND NATURAL GAS	(CRG002001)
--- Foothills Region ---			
A0064	128	5-08-034: 20N PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0065	64	5-08-034: 30SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
65	15,389.60	HA TOTALS	END



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LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0066	1696		
TRACT ONE	5-01-041: 4	PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO	5-01-040: 20N, L7, L8; 22; 28; 29; 32 5-01-041: 6	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
--- NORTHERN REGION ---			
B0067	1024		(IR2000601) (PDR001301) (POW000101)
TRACT ONE	5-12-045: 36	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(DRRZD 3) (ZD 3155)
TRACT TWO	5-12-045: 22; 23	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(DRRZD 6) (ZD 3155)
TRACT THREE	5-12-045: 25SE	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT FOUR	5-12-045: 25N, SW	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(DRRZD 60) (ZD 3155)
B0068	1536		(IR2000601) (PDR001301) (POW000101)
TRACT ONE	5-12-045: 35 5-12-046: 1; 2	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(DRRZD 3) (ZD 3155)
TRACT TWO	5-12-045: 27S, NE; 34 5-12-046: 3	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(DRRZD 6) (ZD 3155)
TRACT THREE	5-12-045: 27NW	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ELKTON-SHUNDA	(ZD 3155)
B0069	1024		
TRACT ONE	5-07-048: 14N, SE; 15N; 23	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO	5-07-048: 10; 14SW; 15S	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0070	1408		(NAT005901)
	TRACT ONE	5-08-050: 2S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-08-049: 33NE 5-08-050: 3;4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT THREE	5-08-049: 32E;33S,NW;34 5-08-050: 2N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
B0071	512	5-17-049: 25;27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0072	768	5-17-049: 27;33;34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0073	512	5-17-049: 33;34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0074	256	5-17-050: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0075	512	5-24-053: 34 5-24-054: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(PDM001401) (DRRZD 51) (DRRZD 22)
B0076	1280		
	TRACT ONE	5-13-054: 3;9;16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-13-054: 1;2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0077	1024	5-14-054: 14;23;26;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0078	256	5-23-054: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(PDM001401) (DRRZD 22)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0079	1408		
	TRACT ONE	5-12-056: 2S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-12-055: 35;36 5-12-056: 1;11;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0080	1024		
	TRACT ONE	5-13-056: 18 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-13-056: 7;8;17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0081	1024		
	TRACT ONE	5-16-057: 18 5-17-057: 24;25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-17-057: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0082	512		
		5-17-059: 7;19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0083	960		
	TRACT ONE	5-20-059: 4N;5N;7W;8;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT TWO	5-20-059: 7NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM TO THE BASE OF THE TURNER VALLEY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 37) (DRRZD 28) (DRRZD 67)
B0084	832		
		5-21-059: 1-3;4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0085	768		
	TRACT ONE	5-21-059: 10;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT TWO	5-21-059: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0086	768		
	TRACT ONE	5-21-059: 11;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT TWO	5-21-059: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
B0087	1280		
	TRACT ONE	5-21-059: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-21-059: 21;22;27;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0088	256		(SHA003501)
		5-16-060: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0089	256		
		5-17-060: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM EXCEPTING NATURAL GAS IN THE BULLHEAD GRP	(DRRZD 38) (ZD 3116)
B0090	640		
		5-16-061: 20N;21;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0091	512		(CRG002101)
	TRACT ONE	5-22-061: 6S,NW;7W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT TWO	5-22-061: 6NE;7E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 67)
B0092	512		(CRG002101) (SIP000601)
	TRACT ONE	5-23-061: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
	TRACT TWO	5-23-061: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0093	256		(CRG002101) (SIP000601)
		5-25-062: 24 PETROLEUM AND NATURAL GAS	
B0094	512		
		5-15-063: 3;4 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0095	256		(TSH002101)
	TRACT ONE	5-19-063: 2W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DEBOLT FM	(DRRZD 22) (DRRZD 42)
	TRACT TWO	5-19-063: 2E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM TO THE BASE OF THE DEBOLT FM	(DRRZD 37) (DRRZD 42)
B0096	384		
	TRACT ONE	5-24-063: 29E PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-24-063: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
B0097	384	5-15-064: 31 5-16-064: 36S PETROLEUM AND NATURAL GAS	
B0098	512		(CRG002101)
	TRACT ONE	6-09-064: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR	(DRRZD 77)
	TRACT TWO	6-09-064: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0099	512	6-09-064: 28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0100	256	6-10-064: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE FERNIE GRP	(DRRZD 38) (DRRZD 276)
B0101	512	6-10-064: 35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0102	1536	5-17-065: 23;25;26;35;36 5-17-066: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
B0103	448	6-01-065: 30N,SE;31 PETROLEUM AND NATURAL GAS	
B0104	768	6-09-065: 17-19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0105	512	6-10-065: 4;8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

2013, MAY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0106	512	6-11-065: 24;26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0107	256	6-11-065: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM TO THE BASE OF THE FERNIE GRP	(DRRZD 40) (DRRZD 276)
B0108	1024	5-14-066: 1-3;12 PETROLEUM AND NATURAL GAS	
B0109	1536	5-14-066: 4;5;8-11 PETROLEUM AND NATURAL GAS	
B0110	1792	5-14-066: 26-28;32;33 5-14-067: 4;9 PETROLEUM AND NATURAL GAS	
B0111	1280	5-19-066: 9;10;15-17 PETROLEUM AND NATURAL GAS	
B0112	512	6-11-066: 3;9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0113	256	6-11-066: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 51) (DRRZD 22)
B0114	512	6-11-066: 30;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(CRG002101) (DRRZD 276)
B0115	768	6-02-067: 32 6-02-068: 4;9 PETROLEUM AND NATURAL GAS	
B0116	512	6-10-067: 32 6-10-068: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0117	512	6-11-068: 5;6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(CRG002101) (ES4000103) (DRRZD 276)

2013, MAY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0118	1280		(ES4000103) (TSH002501)
	TRACT ONE	6-11-068: 32 6-11-069: 5;7;8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-11-068: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0119	1024		(PNA015101) (SIP000102)
		6-06-070: 25;27;28;36 PETROLEUM AND NATURAL GAS	
B0120	768		(IRS000201) (PRA015201)
		6-01-071: 18 6-02-071: 1;12 PETROLEUM AND NATURAL GAS	
B0121	256		
		6-13-071: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(DRRZD 21) (DRRZD 251)
B0122	512		(IRS000201)
		6-02-074: 22;26 PETROLEUM AND NATURAL GAS	
B0123	512		
		6-02-075: 10;11 PETROLEUM AND NATURAL GAS	
B0124	256		
		6-09-080: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
B0125	256		
		6-09-080: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
B0126	256		
		6-09-081: 5 PETROLEUM AND NATURAL GAS	
B0127	1024		
		5-25-084: 3;4;9;10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0128	1024		
		6-01-086: 3;4;9;10 PETROLEUM AND NATURAL GAS	
B0129	1024		
		5-25-087: 29-32 PETROLEUM AND NATURAL GAS	
B0130	8192		(CRG001801)
		5-16-118: 1-4;9-36 PETROLEUM AND NATURAL GAS	

2013, MAY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0131	8192	5-11-119: 1-4;9-36 PETROLEUM AND NATURAL GAS	(CRG001801) (WPP001901)
B0132	3584	5-16-119: 4;9;16-21;28-33 PETROLEUM AND NATURAL GAS	(CRG001801) (CRG001901)
B0133	8192	5-17-119: 1-4;9-36 PETROLEUM AND NATURAL GAS	(CRG001901)
B0134	8192	5-17-120: 1-4;9-36 PETROLEUM AND NATURAL GAS	(CRG001901)
B0135	512	5-20-120: 31;32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(CRG002001) (DRRZD 18)
B0136	1280	5-22-120: 10;15;16;21;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(CRG002001) (DRRZD 18)
B0137	8192	5-17-121: 1-4;9-36 PETROLEUM AND NATURAL GAS	(CRG001901)
B0138	3328	5-20-121: 17-20;29-32 5-20-122: 4;5;8-10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(CRG002001) (DRRZD 18)
B0139	512	5-23-121: 1;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(CRG002001) (DRRZD 18)
B0140	6144	5-23-121: 3-10;15-22;27-34 PETROLEUM AND NATURAL GAS	(CRG002001)
B0141	512	5-23-121: 25;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(CRG002001) (DRRZD 18)
B0142	6400	5-17-122: 1-14;18;19;24-26;31-36 PETROLEUM AND NATURAL GAS	(CRG001901)
B0143	6912	5-23-122: 3-10;15-22;26-36 PETROLEUM AND NATURAL GAS	(CRG002001)
--- FOOTHILLS REGION ---			
B0144	1280	4-29-003: 20;28-30;32 PETROLEUM AND NATURAL GAS	
B0145	256	4-29-004: 18 PETROLEUM AND NATURAL GAS	



2013, MAY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0146	1536		(CRG002101) (SIP000601)
		6-04-055: 31;32 6-04-056: 6 6-05-056: 1;11;12 PETROLEUM AND NATURAL GAS	
B0147	2304		(CRG002101) (SIP000601)
		TRACT ONE 6-05-056: 14;21-23;28 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-05-056: 24-27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
82	122,592.00	HA TOTALS	<b>END</b>



ZONE DESIGNATIONS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

ZD: 381-2                    ZONE: 3000 GLAUCONITIC SS  
  
INTERVAL: 7,896.00 - 7,918.00 FEET  
KEY WELL: 00/07-07-036-04W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG  
  
ZONE: 3106 LOWER MANNVILLE&JURASSIC  
  
INTERVAL: 7,974.00 - 8,205.00 FEET  
KEY WELL: 00/07-07-036-04W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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ZD: 2609                    ZONE: 2320 CADOTTE MBR  
  
INTERVAL: 2,683.00 - 2,890.00 FEET  
KEY WELL: 00/11-17-079-10W6/0  
LOG TYPE: ELECTRICAL  
  
ZONE: 2660 NOTIKEWIN MBR  
  
INTERVAL: 2,976.00 - 3,105.00 FEET  
KEY WELL: 00/11-17-079-10W6/0  
LOG TYPE: ELECTRICAL  
  
ZONE: 3260 GETHING FM  
  
INTERVAL: 4,178.00 - 4,616.00 FEET  
KEY WELL: 00/11-17-079-10W6/0  
LOG TYPE: ELECTRICAL

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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

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ZD: 3155                    ZONE: 6390 ELKTON-SHUNDA  
  
INTERVAL: 9,210.00 - 9,329.00 FEET  
KEY WELL: 00/11-27-045-12W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

AND ANY ADDITIONAL STRATA OCCURRING BELOW THOSE DEFINED  
ABOVE  
AND, IN THE OPINION OF THE ALBERTA ENERGY AND UTILITIES  
BOARD,  
CONSTITUTING A PART OF THE ELKTON-SHUNDA FORMATION.

---

END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

DRRZD: 3                    ZONE: 1700    CARDIUM FM  
  
INTERVAL: 6,303.00 - 6,436.00 FEET  
KEY WELL: 00/16-16-041-06W5/0  
LOG TYPE: ELECTRICAL

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DRRZD: 4                    ZONE: 2480    MANNVILLE GRP  
  
INTERVAL: 2,557.00 - 2,985.00 FEET  
KEY WELL: 00/06-16-041-08W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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

---

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

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DRRZD: 12                  ZONE: 1640    MEDICINE HAT SD  
  
INTERVAL: 1,312.00 - 1,582.00 FEET  
KEY WELL: 00/06-30-014-04W4/0  
LOG TYPE: INDUCTION GAMMA RAY

---

DRRZD: 13                  ZONE: 1860    SECOND WHITE SPECKS  
  
INTERVAL: 1,820.00 - 2,030.00 FEET  
KEY WELL: 00/10-17-014-09W4/0  
LOG TYPE: INDUCTION ELECTRIC

---

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

---

DRRZD: 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

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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, MAY 08 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

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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

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DRRZD: 37                    ZONE: 5000 TRIASSIC SYSTEM  
  
INTERVAL: 6,948.00 - 7,042.00 FEET  
KEY WELL: 00/10-07-062-19W5/0  
LOG TYPE: DUAL INDUCTION FOCUSED

---

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

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DRRZD: 40                    ZONE: 2280 PEACE RIVER FM  
  
INTERVAL: 3,760.00 - 4,008.00 FEET  
KEY WELL: 00/07-09-076-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 42                    ZONE: 6120 DEBOLT FM  
  
INTERVAL: 4,444.00 - 5,294.00 FEET  
KEY WELL: 00/10-11-080-03W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

DRRZD: 48                    ZONE: 2420 BASAL COLORADO SD  
  
INTERVAL: 3,004.00 - 3,024.00 FEET  
KEY WELL: 00/06-27-025-12W4/0  
LOG TYPE: INDUCTION ELECTRICAL

---

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, MAY 08 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: 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: 67                    ZONE: 7200    LEDUC FM  
  
INTERVAL: 8,554.00 - 9,100.00 FEET  
KEY WELL: 00/06-33-060-15W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

---

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

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

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

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

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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

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

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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: 277                    ZONE: 6580 WABAMUN GRP  
INTERVAL: 10,452.00 - 11,198.00 FEET  
KEY WELL: 00/03-10-063-26W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 280                    ZONE: 1060 EDMONTON GRP  
INTERVAL: 335.00 - 962.00 METRES  
KEY WELL: 00/06-24-044-04W5/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

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END



## ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

## ADM001801

LEASE A0036  
LEASE A0037

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:

GRACE MATIAS  
DIRECTOR  
ALBERTA DEPARTMENT OF ENERGY  
9945 108 ST  
EDMONTON AB T5K 2G6 (780) 422-9395

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## CRG001801

## LAND DESCRIPTION

LICENCE B0130 5-16-118: 1-4;9-29;30S,NWP,NE;31NP,SE,SWP;32S,NWP,NE;  
33-36  
LICENCE B0131  
LICENCE B0132 5-16-119: 4SP,NEP

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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## CRG001901

## LAND DESCRIPTION

LICENCE B0132 5-16-119: 28SP,N;29SP,N;30SP,N;31-33  
LICENCE B0133 5-17-119: 25SP,N;26SP,N;27SP,N;28SP,N;29SP,NWP,NE;  
30NP;31-36  
LICENCE B0134  
LICENCE B0137  
LICENCE B0142

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

**CRG002001**

LEASE A0063  
LICENCE B0135  
LICENCE B0136  
LICENCE B0138  
LICENCE B0139  
LICENCE B0140  
LICENCE B0141  
LICENCE B0143

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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**CRG002101**

LAND DESCRIPTION

LEASE A0049 6-08-062: 20EP,W  
LICENCE B0091 5-22-061: 6SP,NWP  
LICENCE B0092  
LICENCE B0093  
LICENCE B0098 6-09-064: 2SP  
LICENCE B0114  
LICENCE B0117 6-11-068: 5S,NW,NEP;6  
LICENCE B0146  
LICENCE B0147

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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**ES2000103**

LAND DESCRIPTION

LEASE A0057 6-06-065: 2NEP

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

**ES4000103** LAND DESCRIPTION  
LICENCE B0117 6-11-068: 6NP  
LICENCE B0118 6-11-068: 31S,NWP,NE;32SWP,NW,NEP

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

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**IR2000601** LAND DESCRIPTION  
LICENCE B0067 5-12-045: 22NEP  
LICENCE B0068 5-12-045: 27P

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

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**IR2000702** LAND DESCRIPTION  
LEASE A0039 5-23-052: 32NEP,L1,L8P  
LEASE A0040 5-23-052: 32NEP,L1,L8P

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**IRS000201** LAND DESCRIPTION  
LICENCE B0120 6-01-071: 18W  
6-02-071: 1;12  
LICENCE B0122 6-02-074: 22SP,NEP;26E,WP

IS/ARE WITHIN THE STURGEON LAKE-PUSKWASKAU EAST INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

**NAT005901** LAND DESCRIPTION  
LICENCE B0070 5-08-049: 34SW,L11,L12,L14

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**PDM001401** LAND DESCRIPTION  
LEASE A0039 5-23-052: 32S,NW  
LEASE A0040 5-23-052: 32S,NW  
LICENCE B0075 5-24-053: 34L2-L4  
LICENCE B0078 5-23-054: 8NW

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  
COAL VALLEY RESOURCES INC.  
NICOLE HAWKINS  
10235 101 ST NW SUITE 1600  
EDMONTON AB T5J 3G1 (780) 420-4092

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**PDR001301** LAND DESCRIPTION  
LICENCE B0067 5-12-045: 22NP,L5P;23P;25L13P;36P  
LICENCE B0068 5-12-045: 27SP,NEP,L14P;34EP,L3P;35NP  
5-12-046: 1P;2P;3P

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:

ROBERT SHORTEN  
LAND MANAGMENT TECHNOLOGIST  
ENVIRONMENT AND WATER, DEPARTMENT OF  
REGIONAL DIRECTOR  
WATER MANAGEMENT OPERATIONS  
4920 51 ST SUITE 304  
RED DEER AB T4N 6K8 (403) 340-7134

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**PNA015101** LAND DESCRIPTION  
LICENCE B0119 6-06-070: 36L9

IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF HARTLEY  
PUBLIC LANDS OFFICER  
GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
10320 99 ST ROOM 2201  
PO BOX 14  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-8080

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**POW000101** LAND DESCRIPTION  
LICENCE B0067 5-12-045: 22NP,SE,SWP;23P;36P  
LICENCE B0068 5-12-045: 27SP,NEP;34EP;35S,NP  
5-12-046: 1P;2NP;3P

IS/ARE WITHIN A HYDRO-ELECTRIC POWER DEVELOPMENT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

ROBERT SHORTEN  
LAND MANAGMENT TECHNOLOGIST  
ENVIRONMENT AND WATER, DEPARTMENT OF  
REGIONAL DIRECTOR  
WATER MANAGEMENT OPERATIONS  
4920 51 ST SUITE 304  
RED DEER AB T4N 6K8 (403) 340-7134

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**PRA015201** LAND DESCRIPTION  
LICENCE B0120 6-02-071: 12NWP

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

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**SHA003501** LAND DESCRIPTION  
LICENCE B0088 5-16-060: 33SP

IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**SIP000102** LAND DESCRIPTION  
LICENCE B0119 6-06-070: 25S;27;36S,NP

IS/ARE WITHIN WAPITI-SAND DUNES LAND-USE ZONES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF HARTLEY  
PUBLIC LANDS OFFICER  
GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
10320 99 ST ROOM 2201  
PO BOX 14  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-8080

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**SIP000601** LAND DESCRIPTION  
LICENCE B0092 5-23-061: 16S,NW  
LICENCE B0093  
LICENCE B0146  
LICENCE B0147

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

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**TSH002101** LAND DESCRIPTION  
LEASE A0045 5-10-062: 26EP  
LEASE A0046 5-10-062: 26EP  
LEASE A0047 5-10-062: 27WP  
LEASE A0048 5-10-062: 27WP  
LICENCE B0095 5-19-063: 2NEP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**TSH002501** LAND DESCRIPTION  
LEASE A0056 6-01-065: 10SP,NWP  
LICENCE B0118 6-11-069: 7WP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MAY 08 PUBLIC OFFERING NOTICE

WPP001901

LICENCE B0131

ALL LAND(S) IS/ARE WITHIN A WILDLAND PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE

PLANNING AND LAND USE TECHNOLOGIST

TOURISM, PARKS AND RECREATION

PARKS AND PROTECTED AREAS

PARKS AND PROTECTED AREAS

POLICY AND LAND USE PLANNING

SECTION

9820 106 ST NW FLOOR 2

EDMONTON AB T5K 2J6

(780) 644-5357

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END