

2017 NOVEMBER 08

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2017.11.08

From	To	Total	Area
LEASES: A0001	A0129	129	56,084.6200 ha.
LICENCES: B0130	B0156	27	24,000.0000 ha.

		156	80,084.6200 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 2017 November 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 **2017 November 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	4-17-012: 19NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0002	256	4-09-027: 17 PETROLEUM AND NATURAL GAS	
A0003	256	4-09-028: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0004	1336	TRACT ONE 4-24-031: 26L9, L10, L15; 36N, SE, L3, L5, L6 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-23-032: 6 4-24-031: 25L12, L13E 4-24-032: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
		TRACT THREE 4-23-031: 27; 28 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
A0005	128	4-04-032: 17S PETROLEUM AND NATURAL GAS	
A0006	128	4-04-032: 18S PETROLEUM AND NATURAL GAS	
A0007	128	4-05-032: 13S PETROLEUM AND NATURAL GAS	
A0008	128	4-05-032: 14S PETROLEUM AND NATURAL GAS	
A0009	256	4-05-032: 15 PETROLEUM AND NATURAL GAS	
A0010	128	4-05-032: 16S PETROLEUM AND NATURAL GAS	
A0011	256	4-05-032: 22 PETROLEUM AND NATURAL GAS	
A0012	256	4-05-032: 27 PETROLEUM AND NATURAL GAS	(HRV002501) (HRV003201)
A0013	256	4-05-032: 34 PETROLEUM AND NATURAL GAS	
A0014	256	4-05-032: 35 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0015	640		
TRACT ONE		4-23-032: 36S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		4-23-032: 11; 36NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT THREE		4-23-032: 24S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0016	256	4-05-034: 4 PETROLEUM AND NATURAL GAS	
A0017	256	4-05-034: 7 PETROLEUM AND NATURAL GAS	
A0018	256	4-05-034: 9 PETROLEUM AND NATURAL GAS	
A0019	256	4-05-034: 17 PETROLEUM AND NATURAL GAS	
A0020	1216		
TRACT ONE		4-21-034: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT TWO		4-21-034: 1; 2; 11; 35W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT THREE		4-21-034: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE LEDUC FM	(DRRZD 280) (DRRZD 7)
A0021	2816		(NAT015501)
TRACT ONE		4-21-034: 15; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		4-21-034: 4; 5; 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT THREE		4-21-034: 3; 6; 7; 10; 17; 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0022	1792		(NAT015501) (PRP004101)
TRACT ONE		4-21-034: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		4-21-034: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT THREE		4-21-034: 20; 22; 27; 29; 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0023	256	4-22-034: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0024	320	TRACT ONE 4-22-034: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TRACT TWO 4-22-034: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0025	256	4-01-035: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0026	256	4-01-035: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0027	256	4-01-035: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0028	256	4-01-035: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0029	1280		(NAT015501)
TRACT ONE		4-21-035: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		4-21-035: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(DRRZD 39) (ZD 225)
TRACT THREE		4-21-035: 10; 16; 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0030	256		
TRACT ONE		4-22-035: 18NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		4-22-035: 18S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE NISKU FM	(DRRZD 4) (DRRZD 23)
A0031	256	4-22-035: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0032	256		
TRACT ONE		4-25-035: 16SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE RUNDLE GRP	(DRRZD 39) (ZD 1090) (ZD 1090)
TRACT TWO		4-25-035: 16N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0033	256	4-25-035: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0034	192	4-25-035: 34S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0035	256	4-25-035: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0036	224	4-01-036: 2S,NE,L11,L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0037	224	4-01-036: 2S,NE,L11,L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0038	224	4-01-036: 9N,SW,L7,L8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0039	224	4-01-036: 9N,SW,L7,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0040	512		
	TRACT ONE	4-25-036: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-25-036: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0041	8.68	4-25-036: 13NEP PORTION(S) DESIGNATED AS DEVIL'S PINE LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1893/06/27. PETROLEUM AND NATURAL GAS	
A0042	217.84		
	TRACT ONE	4-25-036: 14NEP PORTION(S) DESCRIBED AS THE MOST SOUTHERLY 324.886 METRES THROUGHOUT. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY FM	(DRRZD 286)
	TRACT TWO	4-25-036: 14S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0043	64	4-22-037: 26NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP	(DRRZD 4)
A0044	256	4-09-038: 32 PETROLEUM AND NATURAL GAS	
A0045	256	4-09-038: 34 PETROLEUM AND NATURAL GAS	
A0046	256	4-20-039: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0047	256	4-20-039: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0048	256	4-26-041: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0049	64	4-19-043: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0050	256	4-19-043: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0051	512	4-22-043: 10; 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(SHA007201) (DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
A0052	256	4-23-043: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0053	256	4-24-043: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0054	256	4-24-043: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0055	27.2	4-19-044: 1NP PORTION(S) DESIGNATED AS BATTLE RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/04/29. PETROLEUM AND NATURAL GAS	
A0056	256	4-23-044: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0057	1792		(SHA006801)
	TRACT ONE	5-01-044: 29; 30; 32 5-01-045: 6; 14N,L1,L8; 16; 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-01-045: 14SW,L2,L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 65)
A0058	256		
	TRACT ONE	5-01-044: 36E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-01-044: 36W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 65)
A0059	64	5-02-044: 26NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(ZD 3405)
A0060	320	5-03-044: 26NE; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0061	1536		
	TRACT ONE	5-03-045: 23 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-02-045: 7S 5-03-045: 12 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(ZD 3405)
	TRACT THREE	5-02-045: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT FOUR	5-02-045: 7N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT FIVE	5-02-045: 29; 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)

A0062	256	5-02-045: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)

A0063	256	5-02-045: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0064	256	4-24-046: 4 PETROLEUM AND NATURAL GAS	

A0065	256	4-25-046: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

A0066	1024	5-01-046: 6 5-02-046: 2; 11; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(PNA006501) (DRRZD 57)

A0067	832		
	TRACT ONE	5-01-046: 16; 20; 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-02-046: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)

A0068	1453.1		(PNA006801)
	TRACT ONE	5-01-046: 27SP,NWP,NE; 28; 33; 34 PORTION(S) DESIGNATED AS PIGEON LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1902/09/03. PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-01-046: 29; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0069	320		
	TRACT ONE	5-02-046: 20SW PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-02-046: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0070	256		(PNA006001)
		5-02-046: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0071	256		(PNA006001)
		5-02-046: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0072	512		
	TRACT ONE	5-02-047: 4 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-02-046: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0073	2830.6		(HRV000502) (HRV002001) (HRV002501) (HRV003201) (HRV003301) (PRP005301) (SHA006801)
	TRACT ONE	5-01-047: 5N,SE,SWP; 6; 15SEP,NWP; 16SW PORTION(S) DESIGNATED AS PIGEON LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1903/05/04. 21SEP; 29E PORTION(S) DESIGNATED AS PIGEON LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1912/03/30. PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-01-047: 7; 18 5-02-047: 13S,NE PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 3)
	TRACT THREE	5-01-047: 15SW; 16N,SE; 19S,NWP,NE; 20; 21SW,NWP PORTION(S) DESIGNATED AS PIGEON LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1903/05/04. 21NEP; 29W; 30 PORTION(S) DESIGNATED AS PIGEON LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1912/03/30. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)

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LEASE	HECTARES	LAND DESCRIPTION	
A0074	768		(PRP005301) (SHA006801)
TRACT ONE		5-02-047: 10S,NW PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE BELLY RIVER GRP	(DRRZD 39)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 3)
TRACT TWO		5-02-047: 11SE,L3,L4,L13,L14 PETROLEUM AND NATURAL GAS TO THE TOP OF THE BELLY RIVER GRP	(DRRZD 39)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-02-047: 12SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 3)
TRACT FOUR		5-02-047: 10NE; 11NE,L5,L6,L11,L12; 12N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)

A0075	256	5-02-047: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0076	256	5-02-047: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 3)

A0077	256	5-02-047: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0078	256	5-02-047: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(PRP005301) (DRRZD 3)

A0079	512	5-03-047: 11; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

A0080	1856	5-01-048: 26NE; 29; 30; 32; 34 5-01-049: 2; 4; 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0081	256	5-01-048: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0082	256	5-01-048: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0083	1664		
	TRACT ONE	5-02-048: 35S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BELLY RIVER GRP	(ZD 319)
	TRACT TWO	5-02-048: 11N,SE PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
	TRACT THREE	5-02-048: 11SW; 35N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT FOUR	5-02-048: 12; 15; 23; 26E; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0084	384		
	TRACT ONE	5-02-048: 21SW PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-02-048: 19NE; 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0085	256		
		5-02-048: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0086	1536		
	TRACT ONE	5-02-048: 34 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-02-048: 33N,SW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BELLY RIVER GRP	(ZD 319)
	TRACT THREE	5-02-048: 30W; 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT FOUR	5-02-048: 31S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT FIVE	5-02-048: 27; 30E; 31N; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0087	448		
		5-03-048: 26NE; 36 5-03-049: 2W PETROLEUM AND NATURAL GAS	
A0088	128		
		5-03-048: 28S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0089	256		
		4-27-049: 16 PETROLEUM AND NATURAL GAS	
A0090	256		
		4-27-050: 4 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0091	1024	5-01-050: 28-30 5-02-050: 24 PETROLEUM AND NATURAL GAS	
A0092	256	4-18-063: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE COLONY MBR EXCEPTING NATURAL GAS IN THE BASAL MANNVILLE	(SHA006701) (DRRZD 4) (ZD 2662) (ZD 2662)
A0093	512	4-21-063: 22; 32 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0094	256	4-22-063: 11 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(SHA006801) (DRRZD 284)
A0095	768	TRACT ONE 4-22-063: 14S,NE; 15S,NE; 21S,NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP TRACT TWO 4-22-063: 14NW; 15NW; 21NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP	(SHA006701) (DRRZD 284) (DRRZD 6) (DRRZD 284)
A0096	512	TRACT ONE 4-22-063: 22N,SW; 23SE,NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP TRACT TWO 4-22-063: 22SE; 23SW,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP	(DRRZD 284) (DRRZD 6) (DRRZD 284)
A0097	1280	TRACT ONE 4-23-063: 10; 15; 25 PETROLEUM AND NATURAL GAS TRACT TWO 4-22-063: 31; 33 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(PNA012101) (SHA006701) (DRRZD 284)
A0098	1024	4-24-063: 5; 6; 8 4-25-063: 1 PETROLEUM AND NATURAL GAS	(PNA020901)
A0099	256	4-24-063: 12 PETROLEUM AND NATURAL GAS	
A0100	256	4-24-063: 13 PETROLEUM AND NATURAL GAS	
A0101	256	4-24-063: 14 PETROLEUM AND NATURAL GAS	

2017 NOVEMBER 08

LEASE	HECTARES	LAND DESCRIPTION	
A0102	1024		
	TRACT ONE	4-24-063: 30; 32; 33 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-24-063: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0103	1024		
	TRACT ONE	4-25-063: 14; 15; 17 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-25-063: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0104	192	4-26-063: 14S,NE PETROLEUM AND NATURAL GAS	
A0105	256	5-01-063: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0106	256	5-01-063: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
--- NORTHERN REGION ---			
A0107	128	5-05-037: 4W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE LOWER MANNVILLE&JURASSIC EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE&JURASSIC	(DRRZD 280) (ZD 381-2) (ZD 381-2) (ZD 381-2)
A0108	256	5-10-041: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(SHA007901) (DRRZD 4) (DRRZD 3)
A0109	128	5-07-043: 2N PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0110	64	5-15-047: 2NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE SPIRIT RIVER FM	(SHA007901) (DRRZD 39) (DRRZD 22)
A0111	512	5-15-048: 14; 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(SHA006701) (SHA007901) (DRRZD 39)
A0112	128	5-08-050: 31E PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)

2017 NOVEMBER 08

LEASE	HECTARES	LAND DESCRIPTION	
A0113	128	5-08-050: 31E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4) (ZD 3006)
A0114	64	5-09-050: 14SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0115	256	TRACT ONE 5-09-050: 14N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
		TRACT TWO 5-09-050: 24N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4) (ZD 3006)
A0116	128	TRACT ONE 5-09-050: 23NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
		TRACT TWO 5-09-050: 23NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE CARDIUM FM	(DRRZD 39) (DRRZD 3)
A0117	64	5-09-050: 24SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0118	320	5-09-050: 24N; 35S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0119	128	5-09-050: 27S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0120	192	5-09-050: 36N,SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0121	192	5-09-051: 4S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)

2017 NOVEMBER 08

LEASE	HECTARES	LAND DESCRIPTION	
A0122	256		
	TRACT ONE	5-12-052: 14SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT TWO	5-12-052: 14SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
	TRACT THREE	5-12-052: 14N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
A0123	256	5-14-055: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0124	86	5-26-057: 11NP; 12NP PORTION(S) LYING OUTSIDE LITTLE SMOKY CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
A0125	512	6-01-066: 3; 10 PETROLEUM AND NATURAL GAS	
A0126	64	4-24-067: 10SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0127	141.2	4-15-080: 15NP, SEP, SW PORTION(S) LYING OUTSIDE ALGAR CARIBOU SUB UNIT. PETROLEUM AND NATURAL GAS	(ADM011601)
A0128	64	5-17-080: 23SW PETROLEUM AND NATURAL GAS	(ADM011501) (SHA007001)
A0129	256	6-11-086: 29 PETROLEUM AND NATURAL GAS	(SHA007001)
129	56,084.62	HA TOTALS	END

2017 NOVEMBER 08

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0130	2560		(PRA025901)
TRACT ONE		5-01-045: 32SW, L11, L12 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		5-01-045: 32E, L13, L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
TRACT THREE		5-01-045: 22; 24; 34 5-01-046: 2; 4; 10-12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FOUR		5-01-045: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 65)

B0131	2112		(PNA005301)
TRACT ONE		5-02-047: 29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 39) (DRRZD 3)
TRACT TWO		5-02-047: 26NE; 29S, NW; 36 5-02-048: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-02-047: 34 5-02-048: 1; 4; 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FOUR		5-02-047: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)

B0132	1600		
TRACT ONE		5-03-047: 16S; 20; 22S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT TWO		5-03-047: 16N; 21; 22N; 26NE; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-03-047: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

B0133	1536		(PNA020901)
		4-25-063: 2-6; 8 PETROLEUM AND NATURAL GAS	

2017 NOVEMBER 08

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0134	512	5-11-042: 9; 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA007901) (DRRZD 4)
B0135	512	5-14-046: 29; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(IRZ004401) (SHA006701) (SHA007901) (DRRZD 39)
B0136	512	5-09-050: 15; 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
B0137	768	5-09-050: 22; 35; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
B0138	256	5-08-054: 30 PETROLEUM AND NATURAL GAS	
B0139	512	5-09-054: 13; 24 PETROLEUM AND NATURAL GAS	
B0140	256	5-09-054: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
B0141	1024	TRACT ONE 5-24-056: 20; 21; 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (SHA006701) (SHA008201) (DRRZD 21)
		TRACT TWO 5-24-056: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0142	512	TRACT ONE 5-23-057: 6N, SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM EXCEPTING NATURAL GAS IN THE BULLHEAD GRP	(SHA006701) (SHA008201) (DRRZD 22) (ZD 2625-A)
		TRACT TWO 5-23-057: 6SE; 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0143	1536	5-23-057: 25-28; 32; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)

2017 NOVEMBER 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0144	512		(SHA006701) (SHA008201) (TSH003401) (TSH003501)
		5-22-058: 30 5-23-058: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0145	256		(SHA008201)
		5-23-058: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0146	256		(SHA006701) (SHA008001) (TSH003401) (TSH003501)
		5-18-062: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
B0147	256		(SHA008001)
		5-18-062: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
B0148	256		(SHA006701) (SHA008001) (TSH003501)
		5-18-062: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
B0149	256		(SHA006701) (SHA008001) (TSH003401) (TSH003501)
		5-18-062: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
B0150	256		(SHA006701) (SHA008001)
		5-18-062: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
B0151	1024		(TSH003401) (TSH003501)
		5-25-068: 16; 21; 28; 33 PETROLEUM AND NATURAL GAS	
B0152	1664		
TRACT ONE		6-07-076: 10NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOE CREEK MBR PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 25) (DRRZD 251)
TRACT TWO		6-07-076: 10S,NW; 12; 14; 15; 16S; 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
TRACT THREE		6-07-076: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE MONTNEY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GRANITE WASH	(DRRZD 247) (DRRZD 264) (DRRZD 222)

2017 NOVEMBER 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0153	768	6-07-076: 34 6-07-077: 3; 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)

B0154	1216		(SHA007001)
TRACT ONE		6-07-077: 31N,SE; 32 6-07-078: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
TRACT TWO		6-07-077: 28 6-07-078: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)

--- Foothills Region ---			
B0155	1536		(IRZ003501) (SHA006701) (SHA008301)
		5-11-040: 14-17; 22; 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

B0156	1536		(IRZ003501) (SHA006701) (SHA007901)
TRACT ONE		5-11-041: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SHUNDA FM	(DRRZD 29)
TRACT TWO		5-12-042: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT THREE		5-11-041: 19; 29; 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FOUR		5-11-041: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)

27	24,000.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

ZD: 225 ZONE: 3000 GLAUCONITIC SS

INTERVAL: 4878.00 - 4972.00 FEET
KEY WELL: 00/10-12-035-22W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 319 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 2068.00 - 2910.00 FEET
KEY WELL: 00/10-27-048-02W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 381-2 ZONE: 3000 GLAUCONITIC SS

INTERVAL: 7896.00 - 7918.00 FEET
KEY WELL: 00/07-07-036-04W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

 ZONE: 3106 LOWER MANNVILLE&JURASSIC

INTERVAL: 7974.00 - 8205.00 FEET
KEY WELL: 00/07-07-036-04W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 1090 ZONE: 2140 VIKING FM

INTERVAL: 4958.00 - 5075.00 FEET
KEY WELL: 00/06-06-035-25W4/0
LOG TYPE: NOT IDENTIFIED

 ZONE: 6100 RUNDLE GRP

INTERVAL: 5595.00 - 5735.00 FEET
KEY WELL: 00/06-06-035-25W4/0
LOG TYPE: NOT IDENTIFIED

ZD: 2625-A ZONE: 3240 BULLHEAD GRP

INTERVAL: 9500.00 - 9880.00 FEET
KEY WELL: 00/07-06-057-23W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 7040 WOODBEND GRP

INTERVAL: 12792.00 - 13632.00 FEET
KEY WELL: 00/07-06-057-23W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

ZD: 2662 ZONE: 6960 NISKU FM

INTERVAL: 2260.00 - 2430.00 FEET
KEY WELL: 00/11-19-062-18W4/0
LOG TYPE: ELECTRICAL

 ZONE: 2140 VIKING FM

INTERVAL: 1550.00 - 1650.00 FEET
KEY WELL: 00/10-01-063-18W4/0
LOG TYPE: ELECTRICAL

 ZONE: 2560 COLONY MBR

INTERVAL: 1700.00 - 1820.00 FEET
KEY WELL: 00/10-01-063-18W4/0
LOG TYPE: ELECTRICAL

 ZONE: 3200 BASAL MANNVILLE

INTERVAL: 2060.00 - 2170.00 FEET
KEY WELL: 00/10-01-063-18W4/0
LOG TYPE: ELECTRICAL

APPENDIX 1

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ZONE DESIGNATIONS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

ZD: 3006

ZONE: 2480 MANNVILLE GRP

INTERVAL: 5726.00 - 6276.00 FEET

KEY WELL: 02/06-29-050-08W5/0

LOG TYPE: INDUCTION ELECTRICAL

ZD: 3405

ZONE: 3000 GLAUCONITIC SS

INTERVAL: 5800.00 - 5880.00 FEET

KEY WELL: 00/06-02-045-02W5/0

LOG TYPE: DUAL INDUCTION-LATEROLOG

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

INTERVAL: 6303.00 - 6436.00 FEET
KEY WELL: 00/16-16-041-06W5/0
LOG TYPE: ELECTRICAL

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2557.00 - 2985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 5 ZONE: 7440 BEAVERHILL LAKE GRP

INTERVAL: 8645.00 - 9118.00 FEET
KEY WELL: 00/10-22-068-11W5/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 6 ZONE: 2140 VIKING FM

INTERVAL: 2600.00 - 2680.00 FEET
KEY WELL: 00/10-10-042-14W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 7 ZONE: 7200 LEDUC FM

INTERVAL: 6418.00 - 7033.00 FEET
KEY WELL: 00/06-20-041-24W4/0
LOG TYPE: GAMMA RAY-SONIC

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 2754.00 - 3043.00 FEET
KEY WELL: 00/10-32-081-01W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2004.00 - 3138.00 FEET
KEY WELL: 00/11-03-078-01W6/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 23 ZONE: 6960 NISKU FM

INTERVAL: 5023.00 - 5190.00 FEET
KEY WELL: 00/06-24-050-26W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 25 ZONE: 1900 DOE CREEK MBR

INTERVAL: 2330.00 - 2393.00 FEET
KEY WELL: 00/07-04-075-10W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 29 ZONE: 6400 SHUNDA FM

INTERVAL: 11048.00 - 11229.00 FEET
KEY WELL: 00/07-24-041-12W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 30 ZONE: 6420 PEKISKO FM

INTERVAL: 9232.00 - 9390.00 FEET
KEY WELL: 00/07-13-033-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 1688.00 - 2453.00 FEET
KEY WELL: 00/07-18-032-22W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 57 ZONE: 6440 BANFF FM

INTERVAL: 4247.00 - 4776.00 FEET
KEY WELL: 00/02-24-056-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 60 ZONE: 4320 ROCK CREEK MBR

INTERVAL: 2502.50 - 2531.50 METRES
KEY WELL: 00/10-35-049-13W5/2
LOG TYPE: DUAL LATEROLOG

DRRZD: 65 ZONE: 7200 LEDUC FM

INTERVAL: 3167.00 - 4322.00 FEET
KEY WELL: 00/07-17-056-21W4/0
LOG TYPE: FORMATION DENSITY

DRRZD: 222 ZONE: 7975 GRANITE WASH

INTERVAL: 3468.00 - 3587.50 METRES
KEY WELL: 00/03-03-074-07W6/0
LOG TYPE: DUAL INDUCTION

DRRZD: 247 ZONE: 5080 CHARLIE LAKE FM

INTERVAL: 2372.00 - 2448.50 METRES
KEY WELL: 00/10-19-068-06W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 251 ZONE: 5200 DOIG FM

INTERVAL: 1770.00 - 1853.00 METRES
KEY WELL: 00/03-22-078-10W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 264 ZONE: 5240 MONTNEY FM

INTERVAL: 2229.00 - 2491.50 METRES
KEY WELL: 00/06-32-076-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 276 ZONE: 4140 FERNIE GRP

INTERVAL: 2048.00 - 2151.00 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

DRRZD: 284 ZONE: 7635 ELK POINT GRP

INTERVAL: 783.00 - 1370.00 METRES
KEY WELL: 02/06-13-063-08W4/0
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

DRRZD: 286

ZONE: 7280 DUVERNAY FM

INTERVAL: 1553.30 - 1600.30 METRES

KEY WELL: 00/07-14-048-21W4/0

LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

DRRZD: 287

ZONE: 7285 DUVERNAY-MAJEAU LAKE FM

INTERVAL: 3274.00 - 3334.00 METRES

KEY WELL: 00/03-32-063-22W5/0

LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2

LEASE A0128

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:

DONNA CRAWFORD
MANAGER
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 427-8933

ADM011601 ATHABASCA OIL SANDS DESIGNATED AREA

LEASE A0127

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:

DONNA CRAWFORD
MANAGER
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 427-8933

ES2000104 EASTERN SLOPES POLICY

LICENCE B0141

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

HRV000502 **HISTORIC SITE**
 LAND DESCRIPTION
LEASE A0073 5-01-047: 29L6,L11

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

HRV002001 **HISTORIC SITE**
 LAND DESCRIPTION
LEASE A0073 5-01-047: 30L3

ALL LAND(S) IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS NOT PERMITTED

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

HRV002501 **ARCHAEOLOGICAL SITE**
 LAND DESCRIPTION
LEASE A0012 4-05-032: 27L6,L7,L10,L11,L14
LEASE A0073 5-01-047: 30L3

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

HRV003201 HISTORICAL RESOURCE MANAGEMENT AREA

LAND DESCRIPTION
LEASE A0012 4-05-032: 27P
LEASE A0073 5-01-047: 29WP; 30SWP

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

HRV003301 HISTORICAL RESOURCE MANAGEMENT AREA

LAND DESCRIPTION
LEASE A0073 5-01-047: 30L3

ALL LAND(S) IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

GEORGE CHALUT
LAND USE PLANNER
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) 431-2329

IRZ003501 ROCKY-NORTH SASKATCHEWAN ZONE 2

LAND DESCRIPTION
LICENCE B0155 5-11-040: 16P; 17P
LICENCE B0156 5-11-041: 29P; 30P; 31P
 5-12-042: 12P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
ROCKY MOUNTAIN HOUSE OFFICE
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) 845-8272

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

IRZ004401 BRAZEAU-PEMBINA ZONE 2

LAND DESCRIPTION
LICENCE B0135 5-14-046: 29P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
DRAYTON VALLEY OFFICE
DRAYTON VALLEY OFFICE-LAND USE AREA -LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
6521 50 AVE
PO BOX 6090
DRAYTON VALLEY AB T7A 1R6 (780) 542-6616

NAT015501 TOLMAN BADLANDS HERITAGE RANGELAND

LAND DESCRIPTION
LEASE A0021 4-21-034: 18WP
LEASE A0022 4-21-034: 20NP; 21NW; 29SEP; 34WP
LEASE A0029 4-21-035: 2SWP,NE; 10NEP

ALL LAND(S) 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PNA005301 STRAWBERRY CREEK

LAND DESCRIPTION
LICENCE B0131 5-02-047: 29S

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PNA006001 MOUNT BUTTE

LAND DESCRIPTION
LEASE A0070 5-02-046: 28SWP
LEASE A0071 5-02-046: 28SWP

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

PNA006501 BATTLE LAKE SOUTH SHORE

LAND DESCRIPTION
LEASE A0066 5-02-046: 12SEP

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PNA006801 PIGEON LAKE

LAND DESCRIPTION
LEASE A0068 5-01-046: 29SE

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PNA012101 PERRYVALE

LAND DESCRIPTION
LEASE A0097 4-23-063: 15SW

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PNA020901 ARMSTRONG LAKE

LAND DESCRIPTION
LEASE A0098 4-24-063: 6SW
 4-25-063: 1
LICENCE B0133 4-25-063: 2

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PRA025901 **PEACEFUL VALLEY**
 LAND DESCRIPTION
LICENCE B0130 5-01-046: 4SEP

ALL LAND(S) 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PRP004101 **DRY ISLAND BUFFALO JUMP**
 LAND DESCRIPTION
LEASE A0022 4-21-034: 20NP; 28NP, SWP; 29N, SEP, SW

ALL LAND(S) IS/ARE WITHIN A 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

PRP005301 **PIGEON LAKE**
 LAND DESCRIPTION
LEASE A0073 5-01-047: 6P; 7SWP
LEASE A0074 5-02-047: 12SEP
LEASE A0078 5-02-047: 24SWP

ALL LAND(S) IS/ARE WITHIN A 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES

		LAND DESCRIPTION	
LEASE	A0092	4-18-063:	1NP,SWP
LEASE	A0095	4-22-063:	21NP,SWP
LEASE	A0097	4-22-063:	31N,SEP,SW; 33
		4-23-063:	10NWP; 15SP,NW,NEP; 25SP,NW,NEP
LEASE	A0111	5-15-048:	14SEP
LICENCE	B0135	5-14-046:	29SP,NEP
LICENCE	B0141	5-24-056:	19NP,SWP; 20NP; 21NP,SEP; 30N,SEP,SW
LICENCE	B0142	5-23-057:	7NEP
LICENCE	B0143	5-23-057:	25WP; 26P; 27P; 28P; 36WP
LICENCE	B0144	5-22-058:	30E,WP
		5-23-058:	36
LICENCE	B0146	5-18-062:	4NP,SEP
LICENCE	B0148	5-18-062:	8SP,NWP,NE
LICENCE	B0149	5-18-062:	9SP,NW,NEP
LICENCE	B0150	5-18-062:	17E,WP
LICENCE	B0155	5-11-040:	14SP; 15NP,SEP,SW; 16S,NW,NEP; 17
LICENCE	B0156	5-11-041:	29WP; 30P; 31SWP
		5-12-042:	12P

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA006801 COLONIAL NESTING BIRDS

		LAND DESCRIPTION	
LEASE	A0057	5-01-045:	14SWP
LEASE	A0073	5-01-047:	6WP; 7SWP
LEASE	A0074	5-02-047:	12SP
LEASE	A0094	4-22-063:	11SP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA007001 SPECIAL ACCESS ZONE

		LAND DESCRIPTION	
LEASE	A0128		
LEASE	A0129	6-11-086:	29SP,NW,NEP
LICENCE	B0154	6-07-077:	28SWP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA007201 PIPING PLOVER
 LAND DESCRIPTION
LEASE A0051 4-22-043: 22P

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE

LEASE A0108
LEASE A0110
LEASE A0111
LICENCE B0134
LICENCE B0135
LICENCE B0156

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

 LAND DESCRIPTION
LICENCE B0146 5-18-062: 4P
LICENCE B0147 5-18-062: 5P
LICENCE B0148 5-18-062: 8P
LICENCE B0149
LICENCE B0150

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE

LEASE A0124
LICENCE B0141
LICENCE B0142
LICENCE B0143
LICENCE B0144
LICENCE B0145

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 NOVEMBER 08 PUBLIC OFFERING NOTICE

SHA008301 CLEARWATER GRIZZLY BEAR ZONE
LICENCE B0155

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

	LAND DESCRIPTION
LICENCE B0144	5-22-058: 30SP
LICENCE B0146	5-18-062: 4NP
LICENCE B0149	5-18-062: 9P
LICENCE B0151	5-25-068: 33NEP

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER

	LAND DESCRIPTION
LICENCE B0144	5-22-058: 30P
LICENCE B0146	5-18-062: 4NP
LICENCE B0148	5-18-062: 8EP
LICENCE B0149	5-18-062: 9P
LICENCE B0151	5-25-068: 16SEP; 33NP

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

END