

2018 JULY 11

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta  
Government

## PUBLIC OFFERING CONTROL COUNTS FOR 2018.07.11

From	To	Total	Area
LEASES: A0003	A0067	65	31,542.2380 ha.
LICENCES: B0068	B0122	55	44,568.0000 ha.
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		120	76,110.2380 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 2018 July 11**.

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 **2018 July 11** 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 ---		
A0003	931.75	
	TRACT ONE	4-04-011: 34 4-04-012: 2 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-04-012: 10L1-L4, L8P, L9N, L10N, L11N, L12N, L13-L16; 11NP, SE, SWP PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY AS SHOWN ON PLAN RY22908 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0004	512	4-25-017: 28; 29 PETROLEUM AND NATURAL GAS
A0005	256	4-26-017: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0006	256	4-27-017: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD (DRRZD 8)
A0007	256	4-26-018: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0008	256	4-27-019: 30 PETROLEUM AND NATURAL GAS
A0009	128	4-13-025: 1S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4) EXCEPTING NATURAL GAS IN THE COLORADO GRP (ZD 7-1) EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP (ZD 7-1)
A0010	960	(SHA007201)
	TRACT ONE	4-15-032: 32S, NW 4-15-033: 4; 5 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-15-033: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0011	1024	
	TRACT ONE	4-15-033: 17; 20; 21 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-15-033: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0012	256	4-25-035: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM (DRRZD 30)

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LEASE	HECTARES	LAND DESCRIPTION	
A0013	256		
	TRACT ONE	4-25-036: 18NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 6)
	TRACT TWO	4-25-036: 18S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0014	256	4-26-036: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0015	192	5-04-038: 3N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0016	256		
	TRACT ONE	4-01-039: 2N,SE PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-01-039: 2SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0017	1536		
	TRACT ONE	5-01-047: 2N,SE; 3NE; 8W; 9NE; 17NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT TWO	5-01-047: 2SW; 3S,NW; 4; 8E; 9S,NW; 17S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0018	48	4-02-048: 28L14-L16 PETROLEUM AND NATURAL GAS	
A0019	64		
	TRACT ONE	4-20-048: 4L1,L8,L9 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-20-048: 4L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0020	2048	4-27-049: 18 4-28-048: 36 4-28-049: 2; 11; 12; 14 5-01-048: 36 5-01-049: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0021	64	5-02-048: 19NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0022	2496		
TRACT ONE		5-03-048: 28NW 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 TWO		5-03-048: 18; 30; 32 5-04-048: 12-14; 23; 24; 26NE; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-03-048: 28NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0023	896		
		4-28-049: 26NE; 36 5-01-049: 26NE; 36 5-01-050: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0024	640		
TRACT ONE		5-03-050: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		5-03-049: 32W; 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0025	768		
		4-04-050: 20; 32 4-04-051: 4 PETROLEUM AND NATURAL GAS	
A0026	1280		
		5-01-050: 32 5-01-051: 4; 6; 8 5-02-050: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0027	1600		(CML001201) (PDM001501)
TRACT ONE		5-03-050: 21 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-03-050: 14N,SW; 17N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT THREE		5-03-050: 18-20; 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0028	1536		
		5-01-051: 28-30 5-02-051: 22; 24; 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0029	256		
		5-01-052: 32 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0030	512	5-01-053: 8; 16 PETROLEUM AND NATURAL GAS	
A0031	64	4-16-054: 22SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0032	267.2	TRACT ONE 4-27-060: 32EF PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2533)
		TRACT TWO 5-01-060: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0033	267.3	TRACT ONE 4-27-061: 5EF PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2533)
		TRACT TWO 5-01-061: 1S,NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2141)
		TRACT THREE 5-01-061: 1NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0034	267.4	TRACT ONE 4-27-061: 8EF PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2533)
		TRACT TWO 5-01-061: 12E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2155)
		TRACT THREE 5-01-061: 12W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0035	267.76	4-27-061: 17EF 5-01-061: 13 PETROLEUM AND NATURAL GAS	
A0036	256	4-21-064: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0037	64	4-21-064: 19SW PETROLEUM AND NATURAL GAS	(SHA006701)
A0038	768	4-08-065: 21; 22; 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(ADM001801) (IRS002402) (IRS002502) (SHA006701) (DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
A0039	256	5-06-040: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
A0040	64	5-07-041: 8SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(IRZ003501) (SHA006701) (DRRZD 60)
A0041	256	5-13-042: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TURNER VALLEY FM	(IRZ003501) (SHA006701) (SHA007901) (DRRZD 28)

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LEASE	HECTARES	LAND DESCRIPTION	
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A0042	2560		(GZR001401) (IRZ003501) (SHA006701)
TRACT ONE		5-05-043: 22 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-05-043: 7 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
TRACT THREE		5-05-043: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 30) (DRRZD 287)
TRACT FOUR		5-05-043: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BANFF FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 280) (DRRZD 57) (DRRZD 5)
TRACT FIVE		5-05-043: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE PEKISKO FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 280) (DRRZD 30) (DRRZD 5)
TRACT SIX		5-05-043: 17W PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 6) (DRRZD 287)
TRACT SEVEN		5-05-043: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 39) (DRRZD 4) (DRRZD 5)
TRACT EIGHT		5-05-043: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 280) (DRRZD 6) (DRRZD 287)
TRACT NINE		5-05-043: 17E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 39) (DRRZD 6) (DRRZD 287)
TRACT TEN		5-05-043: 16; 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 280) (DRRZD 6) (DRRZD 5)
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A0043	128	5-06-043: 33W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
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PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0044	128	5-06-047: 21E PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0045	128	5-06-047: 21W PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0046	256	5-23-061: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0047	256	5-23-061: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0048	64	5-15-066: 28SW PETROLEUM AND NATURAL GAS	(SHA008001)
A0049	64	5-15-066: 30SE PETROLEUM AND NATURAL GAS	(SHA008001)
A0050	64	5-15-066: 31SW PETROLEUM AND NATURAL GAS	(SHA008001)
A0051	128	4-24-068: 4NW; 5SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0052	128	5-08-068: 1W PETROLEUM AND NATURAL GAS	(SHA007001) (SHA008001)
A0053	128	5-08-068: 11E PETROLEUM AND NATURAL GAS	(SHA008001)
A0054	128	5-08-068: 12W PETROLEUM AND NATURAL GAS	(SHA008001)
A0055	128	5-08-068: 22E PETROLEUM AND NATURAL GAS	(SHA008001)
A0056	128	5-08-068: 33E PETROLEUM AND NATURAL GAS	(SHA008001)
A0057	256	6-11-072: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
A0058	192	6-11-074: 18S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(TSH003501) (DRRZD 264)
A0059	256	6-12-074: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(TSH003501) (DRRZD 264)

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LEASE	HECTARES	LAND DESCRIPTION	
A0060	192	6-12-074: 13N, SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(TSH003401) (TSH003501)  (DRRZD 264)
A0061	256	6-12-074: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(TSH003401) (TSH003501)  (DRRZD 264)
A0062	64	5-21-075: 27SW PETROLEUM AND NATURAL GAS	
A0063	64	5-12-086: 23NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(ADM011501)  (DRRZD 174)
A0064	256	6-09-086: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	  (DRRZD 264)
A0065	256	6-10-087: 13 PETROLEUM AND NATURAL GAS	
--- FOOTHILLS REGION ---			
A0066	2740.82	4-28-002: 26NE; 32NE; 34; 36 4-28-003: 2; 4; 10; 12S, NP PORTION(S) LYING OUTSIDE BLOOD INDIAN RESERVE NO. 148.  13P; 14; 22; 28; 29 PORTION(S) LYING WITHIN THE NORTH WEST MOUNTED POLICE RESERVE AS SHOWN ON SURVEY PLAN 9311006 AND THE BED AND SHORE OF THE BELLY RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1901/06/05. PETROLEUM AND NATURAL GAS	(HRV003701) (SHA006701) (TSH003401) (TSH003501)
A0067	256	4-29-003: 34 PETROLEUM AND NATURAL GAS	
65	31,542.24	HA TOTALS	<b>END</b>

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LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0068	1920		(GZR000801)
	TRACT ONE	5-04-045: 20N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	5-04-045: 17SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 280) (DRRZD 6)
	TRACT THREE	5-03-045: 7W 5-04-045: 4N; 17SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT FOUR	5-03-045: 5; 6 5-04-045: 1; 4S; 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT FIVE	5-04-045: 17N; 20S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
--- NORTHERN REGION ---			
B0069	256	5-05-040: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0070	512		
	TRACT ONE	5-06-040: 15; 24SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT TWO	5-06-040: 24N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)

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LICENCE	HECTARES	LAND DESCRIPTION	
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B0071	2112		
TRACT ONE		5-04-041: 17SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		5-05-042: 2NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3) (DRRZD 6)
		TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT THREE		5-04-041: 17N,SE; 18 5-05-041: 24; 34E; 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FOUR		5-05-042: 2NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39) (DRRZD 6)
		TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
TRACT FIVE		5-05-041: 34W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
TRACT SIX		5-05-041: 13 5-05-042: 2SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT SEVEN		5-04-041: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
TRACT EIGHT		5-05-041: 26NE 5-05-042: 2SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
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B0072	1024		
TRACT ONE		5-05-041: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		5-06-041: 11; 12; 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
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LICENCE	HECTARES	LAND DESCRIPTION	
B0073	2880		(IRZ003501) (SHA006701)
TRACT ONE		5-06-042: 16S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT TWO		5-06-042: 19W; 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT THREE		5-06-041: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SECOND WHITE SPECKS PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 13) (DRRZD 4)
TRACT FOUR		5-06-041: 35 5-06-042: 16N; 19E; 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FIVE		5-06-041: 33; 34 5-06-042: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT SIX		5-06-042: 2; 17; 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)

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LICENCE	HECTARES	LAND DESCRIPTION	
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B0074	3648		(GZR001401) (IRZ003501) (SHA006701)
TRACT ONE		5-06-043: 2N,SE; 11SE PETROLEUM AND NATURAL GAS	
TRACT TWO		5-05-042: 29N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT THREE		5-06-043: 11N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT FOUR		5-06-043: 2SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT FIVE		5-06-042: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
TRACT SIX		5-05-042: 16NE; 22W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(DRRZD 4) (ZD 337-2)
TRACT SEVEN		5-05-042: 30NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 39) (DRRZD 4)
TRACT EIGHT		5-05-042: 16S,NW; 17; 22E; 30NW; 32S,NW 5-05-043: 5N 5-06-042: 36NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT NINE		5-05-042: 20S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 6) (DRRZD 90)
TRACT TEN		5-05-042: 27; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(DRRZD 4) (ZD 337-2)
TRACT ELEVEN		5-05-043: 5SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 280) (DRRZD 39) (DRRZD 90)
TRACT TWELVE		5-05-042: 20N 5-05-043: 5SW 5-06-043: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
TRACT THIRTEEN		5-06-043: 13NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)

2018 JULY 11

LICENCE	HECTARES	LAND DESCRIPTION	
TRACT FOURTEEN		5-06-042: 36E 5-06-043: 13S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
TRACT FIFTEEN		5-05-042: 32NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
B0075	832		(NAT003601)
TRACT ONE		5-05-043: 3SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP NATURAL GAS IN THE L MANNVILLE - ROCK CREEK EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 4) (ZD 337-2) (ZD 3074)
TRACT TWO		5-05-043: 3NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP NATURAL GAS IN THE LOWER MANNVILLE FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 4) (ZD 3074) (ZD 3074)
TRACT THREE		5-05-043: 2NE NATURAL GAS IN THE LOWER MANNVILLE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR EXCEPTING NATURAL GAS IN THE PEKISKO FM	(ZD 3074) (DRRZD 60) (ZD 3074)
TRACT FOUR		5-05-043: 2S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 4) (ZD 337-2) (ZD 3074)
TRACT FIVE		5-05-042: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE SECOND WHITE SPECKS PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 39) (DRRZD 13) (DRRZD 30)
TRACT SIX		5-05-043: 3E NATURAL GAS IN THE L MANNVILLE - ROCK CREEK PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(ZD 337-2) (DRRZD 30)
TRACT SEVEN		5-05-043: 11 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE PEKISKO FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 30) (ZD 3074)

2018 JULY 11

LICENCE	HECTARES	LAND DESCRIPTION	
B0076	2880		(IRZ003501) (SHA006701)
TRACT ONE		5-06-042: 6SE; 7SE,NW 5-07-042: 26NE; 27SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT TWO		5-07-042: 15N,SW; 22S,NE 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		5-06-042: 6SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
TRACT FOUR		5-07-042: 27NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT FIVE		5-07-042: 22NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 60)
TRACT SIX		5-07-042: 27E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 6) (DRRZD 4)
TRACT SEVEN		5-06-042: 6N; 7SW,NE 5-07-042: 11-14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT EIGHT		5-07-042: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE ROCK CREEK MBR	(DRRZD 4) (DRRZD 60)
TRACT NINE		5-06-042: 18SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
TRACT TEN		5-06-042: 18N,SE 5-07-042: 15SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)



2018 JULY 11

LICENCE	HECTARES	LAND DESCRIPTION	
B0077	1280		(IRZ003501) (SHA006701)
TRACT ONE		5-07-042: 33W 5-07-043: 4; 9W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT TWO		5-07-042: 33E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT THREE		5-07-043: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
TRACT FOUR		5-07-043: 9E; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
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B0078	2816		(IRZ003501) (SHA006701)
TRACT ONE		5-08-042: 7 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-08-042: 16SW; 17S; 18S PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-08-042: 16N,SE; 17N; 29; 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT FOUR		5-08-042: 15; 22 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 FIVE		5-08-042: 31N,SE; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT SIX		5-08-042: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
TRACT SEVEN		5-08-042: 18N; 31SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
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B0079	512		(GZR001401) (IRZ003501) (SHA006701)
TRACT ONE		5-05-043: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		5-05-043: 27E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
TRACT THREE		5-05-043: 27W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)

2018 JULY 11

LICENCE	HECTARES	LAND DESCRIPTION	
B0080	640		
	TRACT ONE	5-09-054: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-09-053: 26W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
	TRACT THREE	5-09-053: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
B0081	256	5-05-054: 18 PETROLEUM AND NATURAL GAS	
B0082	920		(NAT006501) (SHA006701)
		5-07-054: 11; 12N, L4N, L5; 14; 23 PETROLEUM AND NATURAL GAS	
B0083	768	5-07-054: 16; 18; 30 PETROLEUM AND NATURAL GAS	
B0084	256	5-08-054: 11 PETROLEUM AND NATURAL GAS	
B0085	512	5-09-054: 14; 23 PETROLEUM AND NATURAL GAS	
B0086	512	5-07-055: 35; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
B0087	1024		
	TRACT ONE	5-11-055: 21; 23N, SW PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-11-055: 9; 15; 23SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0088	512	5-09-056: 5; 8 PETROLEUM AND NATURAL GAS	(NAT008401) (WRA000201)
B0089	512	5-24-056: 2; 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
B0090	512	5-24-056: 14; 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)
B0091	256	5-24-056: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)

2018 JULY 11

LICENCE	HECTARES	LAND DESCRIPTION	
B0092	256	5-24-056: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(ESZ000101) (SHA006701) (SHA008201)  (DRRZD 276)
B0093	256	5-24-056: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(ESZ000101) (SHA006701) (SHA008201)  (DRRZD 276)
B0094	256	5-24-057: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201)  (DRRZD 21)
B0095	1280	TRACT ONE 6-06-065: 34S PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(SHA008201)   (DRRZD 264)
		TRACT TWO 6-06-065: 26; 34N; 35 6-06-066: 2; 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	   (DRRZD 264)
B0096	1344	5-15-066: 27N; 33N,SE; 34; 35 5-15-067: 2; 3 PETROLEUM AND NATURAL GAS	(SHA008001)
B0097	1536	5-16-066: 7; 18 5-17-066: 1; 11-13 PETROLEUM AND NATURAL GAS	(SHA006701) (SHA007001) (SHA008001)
B0098	768	6-05-066: 23; 24; 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM TO THE BASE OF THE WABAMUN GRP	   (DRRZD 264) (DRRZD 277)
B0099	512	6-05-066: 35; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM TO THE BASE OF THE WABAMUN GRP	   (DRRZD 264) (DRRZD 277)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0100	1536		(ESZ000101) (SHA006701)
TRACT ONE		6-05-067: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 22) (DRRZD 251) (DRRZD 264)
TRACT TWO		6-05-067: 25; 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE DOIG FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 247) (DRRZD 251) (DRRZD 264)
TRACT THREE		6-05-067: 21; 22; 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
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B0101	1024		(ESZ000101) (SHA006701)
TRACT ONE		6-05-067: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 22) (DRRZD 251) (DRRZD 264)
TRACT TWO		6-05-067: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE DOIG FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 247) (DRRZD 251) (DRRZD 264)
TRACT THREE		6-05-067: 34 6-05-068: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
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B0102	512	5-08-068: 14; 23 PETROLEUM AND NATURAL GAS	(SHA008001)
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B0103	512	5-08-068: 27; 34 PETROLEUM AND NATURAL GAS	(SHA008001)
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B0104	768		(ESZ000101) (SHA006701)
TRACT ONE		6-05-068: 10 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-05-068: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 247) (DRRZD 264)
TRACT THREE		6-05-068: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0105	768		(PPR006101) (PRA025301) (SHA006701)
TRACT ONE		6-05-068: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-05-068: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		TO THE BASE OF THE DOIG FM	(DRRZD 251)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT THREE		6-05-068: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0106	256	4-23-069: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0107	256	4-23-069: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0108	256	4-23-070: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0109	256	4-23-070: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0110	256	4-23-070: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0111	256	4-23-070: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0112	256	4-24-070: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0113	256	4-24-070: 25 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0114	256	4-24-070: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0115	256	6-09-072: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)

2018 JULY 11

LICENCE	HECTARES	LAND DESCRIPTION	
B0116	256	6-11-073: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0117	512	6-06-074: 34; 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(SHA007001) (TSH003401) (TSH003501) (DRRZD 276)
B0118	256	6-09-084: 25 PETROLEUM AND NATURAL GAS	(SHA006701)
B0119	256	6-09-084: 27 PETROLEUM AND NATURAL GAS	(SHA006701)
B0120	256	6-09-085: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (DRRZD 21)
--- FOOTHILLS REGION ---			
B0121	512	5-11-039: 29; 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(SHA008301) (DRRZD 66)
B0122	1280		(IRZ003501) (IRZ004001) (IRZ004101) (SHA006701) (SHA008301)
TRACT ONE		5-11-040: 20; 21; 28 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-11-040: 27; 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
55	44,568.00	HA TOTALS	<b>END</b>

ZONE DESIGNATIONS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

ZD: 7-1                      ZONE: 1600 COLORADO GRP  
  
INTERVAL: 1495.00 - 2948.00 FEET  
KEY WELL: 00/06-22-024-13W4/0  
LOG TYPE: ELECTRICAL

                            ZONE: 2440 BLAIRMORE GRP  
  
INTERVAL: 2948.00 - 3310.00 FEET  
KEY WELL: 00/06-22-024-13W4/2  
LOG TYPE: ELECTRICAL

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ZD: 337-2                    ZONE: 3113 L MANNVILLE - ROCK CREEK  
  
INTERVAL: 7070.00 - 7230.00 FEET  
KEY WELL: 00/10-27-042-05W5/0  
LOG TYPE: INDUCTION ELECTRICAL

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ZD: 2141                     ZONE: 2140 VIKING FM  
  
INTERVAL: 2337.00 - 2442.00 FEET  
KEY WELL: 00/06-35-060-01W5/0  
LOG TYPE: NOT IDENTIFIED

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ZD: 2155                     ZONE: 2140 VIKING FM  
  
INTERVAL: 2315.00 - 2415.00 FEET  
KEY WELL: 00/06-30-060-26W4/0  
LOG TYPE: ELECTRICAL

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ZD: 2533                     ZONE: 2140 VIKING FM  
  
INTERVAL: 2338.00 - 2442.00 FEET  
KEY WELL: 00/06-35-060-01W5/0  
LOG TYPE: ELECTRICAL

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ZD: 3074                     ZONE: 6420 PEKISKO FM  
  
INTERVAL: 7128.00 - 7168.00 FEET  
KEY WELL: 00/10-11-043-05W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

                            ZONE: 3100 LOWER MANNVILLE FM  
  
INTERVAL: 7262.00 - 7410.00 FEET  
KEY WELL: 00/10-33-043-06W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 JULY 11 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

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DRRZD: 4                    ZONE: 2480    MANNVILLE GRP  
  
INTERVAL: 2557.00 - 2985.00 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: 8645.00 - 9118.00 FEET  
KEY WELL: 00/10-22-068-11W5/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 6                    ZONE: 2140    VIKING FM  
  
INTERVAL: 2600.00 - 2680.00 FEET  
KEY WELL: 00/10-10-042-14W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 8                    ZONE: 2130    BOW ISLAND SD  
  
INTERVAL: 2140.00 - 2472.00 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: 1312.00 - 1582.00 FEET  
KEY WELL: 00/06-30-014-04W4/0  
LOG TYPE: INDUCTION GAMMA RAY

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DRRZD: 13                   ZONE: 1860    SECOND WHITE SPECKS  
  
INTERVAL: 1820.00 - 2030.00 FEET  
KEY WELL: 00/10-17-014-09W4/0  
LOG TYPE: INDUCTION ELECTRIC

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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

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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

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DRRZD: 28                   ZONE: 6300    TURNER VALLEY FM  
  
INTERVAL: 5817.00 - 6172.00 FEET  
KEY WELL: 00/08-30-019-02W5/0  
LOG TYPE: GAMMA RAY NEUTRON

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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

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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

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DRRZD: 37                    ZONE: 5000 TRIASSIC SYSTEM  
  
INTERVAL: 6948.00 - 7042.00 FEET  
KEY WELL: 00/10-07-062-19W5/0  
LOG TYPE: DUAL INDUCTION FOCUSED

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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

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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

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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

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DRRZD: 66                    ZONE: 4440 NORDEGG MBR  
  
INTERVAL: 5610.00 - 5670.00 FEET  
KEY WELL: 00/10-12-055-09W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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DRRZD: 90                    ZONE: 4000 JURASSIC SYSTEM  
  
INTERVAL: 7052.00 - 7148.00 FEET  
KEY WELL: 00/06-29-039-03W5/0  
LOG TYPE: INDUCTION ELECTROLOG

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DRRZD: 174                   ZONE: 6420 PEKISKO FM  
  
INTERVAL: 6468.00 - 6654.00 FEET  
KEY WELL: 00/10-27-067-22W5/0  
LOG TYPE: ELECTRICAL

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DRRZD: 246                   ZONE: 5160 HALFWAY FM  
  
INTERVAL: 6344.00 - 6402.00 FEET  
KEY WELL: 00/11-18-077-08W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 247                   ZONE: 5080 CHARLIE LAKE FM  
  
INTERVAL: 2372.00 - 2448.50 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: 1770.00 - 1853.00 METRES  
KEY WELL: 00/03-22-078-10W6/0  
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

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APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

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

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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

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DRRZD: 277                    ZONE: 6580 WABAMUN GRP  
  
INTERVAL: 10452.00 - 11198.00 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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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

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END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

**ADM001801 COLD LAKE OIL SANDS DESIGNATED AREA**  
LEASE A0038

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

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**ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2**  
LEASE A0063

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

-----  
**CML001201 CAPITAL POWER GP HOLDINGS INC - GENESEE MINE #1788**  
LAND DESCRIPTION  
LEASE A0027 5-03-050: 14NP,SWP; 22P

ALL LAND(S) IS/ARE WITHIN A LICENCE TO OPERATE A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

NADIA HAIDER  
LANDUSE OFFICER  
ALBERTA ENERGY REGULATOR  
250 5 ST SW SUITE 1000  
CALGARY AB T2P 0R4 (403) 297-6844

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

**ESZ000101 EASTERN SLOPES POLICY ZONE 2**

LAND DESCRIPTION  
LICENCE B0092 5-24-056: 32P  
LICENCE B0093 5-24-056: 33P  
LICENCE B0100 6-05-067: 25P  
LICENCE B0101 6-05-067: 35P; 36P  
6-05-068: 2P  
LICENCE B0104 6-05-068: 11P

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  
GRANDE PRAIRIE OFFICE  
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
10320 99 ST  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5260

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**GZR000801 MEDICINE LAKE**

LAND DESCRIPTION  
LICENCE B0068 5-04-045: 17; 20

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**GZR001401 ROCKY MOUNTAIN HOUSE**

LAND DESCRIPTION  
LEASE A0042 5-05-043: 7; 16; 17; 18SE; 21; 22NW; 33SP,NWP  
LICENCE B0074 5-05-042: 29NWP,NE; 30NEP; 32  
5-05-043: 5  
5-06-042: 36NEP,L8P,L14P  
5-06-043: 2NEP,L8,L14; 11N,SE,SWP  
LICENCE B0079 5-05-043: 27S,NP; 34L3P,L4P

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SUE DEBRUJN  
RANGELAND AGROLOGIST  
DRAYTON VALLEY OFFICE - LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV  
6521 50 AVE  
PO BOX 6090  
DRAYTON VALLEY AB T7A 1R6 (780) 542-6616  
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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

**HRV003701            HISTORIC RESOURCES VALUE 3**

LAND DESCRIPTION  
LEASE    A0066    4-28-003:    13L11

ALL LAND(S) IS/ARE WITHIN A HERITAGE RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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

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**IRS002402            LAKELAND IRP - RESOURCE MANAGEMENT AREA I**

LAND DESCRIPTION  
LEASE    A0038    4-08-065:    21P; 22WP; 28EP

ALL LAND(S) IS/ARE WITHIN THE LAKELAND INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER  
LAC LA BICHE OFFICE  
LAC LA BICHE OFFICE-LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
9503 BEAVERHILL RD  
LAC LA BICHE AB T0A 2C0                            (780) 623-5279

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**IRS002502            LAKELAND IRP - RESOURCE MANAGEMENT AREA J**

LAND DESCRIPTION  
LEASE    A0038    4-08-065:    21P; 22E,WP; 28EP,W

ALL LAND(S) IS/ARE WITHIN THE LAKELAND INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER  
LAC LA BICHE OFFICE  
LAC LA BICHE OFFICE-LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
9503 BEAVERHILL RD  
LAC LA BICHE AB T0A 2C0                            (780) 623-5279

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

<b>IRZ003501</b>	<b>ROCKY-NORTH SASKATCHEWAN ZONE 2</b>
	LAND DESCRIPTION
LEASE A0040	5-07-041: 8SWP
LEASE A0041	5-13-042: 20P
LEASE A0042	5-05-043: 18P; 19; 20P; 29P; 33P
LICENCE B0073	5-06-041: 33P; 35P
	5-06-042: 9P; 19P; 20P
LICENCE B0074	5-05-042: 17P
	5-06-042: 36EP
	5-06-043: 13EP; 24P
LICENCE B0076	5-06-042: 6SP; 7P; 18
	5-07-042: 11P; 12P; 13P; 14P; 15P; 22NP; 23P
LICENCE B0077	5-07-042: 33NP,SWP
	5-07-043: 4P; 5P; 9NP; 16P
LICENCE B0078	5-08-042: 15P; 22P
LICENCE B0079	5-05-043: 34P
LICENCE B0122	5-11-040: 20P; 21P; 28P

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

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<b>IRZ004001</b>	<b>DAVID THOMPSON CORRIDOR ZONE 2</b>
	LAND DESCRIPTION
LICENCE B0122	5-11-040: 28P

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

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<b>IRZ004101</b>	<b>DAVID THOMPSON CORRIDOR ZONE 3</b>
	LAND DESCRIPTION
LICENCE B0122	5-11-040: 28P

ALL LAND(S) IS/ARE WITHIN ZONE 3 (SPECIAL USE) 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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

**NAT003601 OPEN CREEK**  
LAND DESCRIPTION  
LICENCE B0075 5-05-042: 26NE

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 DIVISION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**NAT006501 MATTHEWS CROSSING**  
LAND DESCRIPTION  
LICENCE B0082 5-07-054: 11E,WP; 12NW

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 DIVISION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**NAT008401 PADDLE RIVER**  
LAND DESCRIPTION  
LICENCE B0088 5-09-056: 8SE

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 DIVISION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**PDM001501 CAPITAL POWER GP HOLDINGS INC GENESEE MINE #1788**  
LAND DESCRIPTION  
LEASE A0027 5-03-050: 14N,SW; 17N; 18E; 19SE; 20S; 21; 22

ALL LAND(S) 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:  
NADIA HAIDER  
LANDUSE OFFICER  
ALBERTA ENERGY REGULATOR  
250 5 ST SW SUITE 1000  
CALGARY AB T2P 0R4 (403) 297-6844

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**PPR006101            BIG MOUNTAIN CREEK PROPOSED EXPANSION AREA**

LAND DESCRIPTION

LICENCE B0105    6-05-068:    16

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED 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 DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB    T5K 2J6

(780) 644-5357

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**PRA025301            BIG MOUNTAIN CREEK**

LAND DESCRIPTION

LICENCE B0105    6-05-068:    16NP

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 DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB    T5K 2J6

(780) 644-5357

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

SHA006701

KEY WILDLIFE AND BIODIVERSITY ZONES

		LAND DESCRIPTION
LEASE	A0036	4-21-064: 18N,SEP,SW
LEASE	A0037	4-21-064: 19SWP
LEASE	A0038	
LEASE	A0040	
LEASE	A0041	5-13-042: 20NP,SWP
LEASE	A0042	5-05-043: 7NWP; 17NP,SWP; 18SP,NWP,NE; 19; 20EP,W; 29SP; 33P
LEASE	A0066	4-28-002: 34SP,NEP
		4-28-003: 12P; 13P; 14SEP; 28NWP; 29NP,SWP
LICENCE	B0073	5-06-041: 33NWP; 35NP
		5-06-042: 2SP; 9SWP; 17WP; 19P; 20NWP
LICENCE	B0074	5-05-042: 17SP,NWP
		5-06-042: 36SEP
		5-06-043: 13NP,SEP; 24EP
LICENCE	B0076	5-06-042: 6WP; 7P; 18S,NP
		5-07-042: 11EP; 12SP,NWP,NE; 13E,WP; 14NEP; 15NP,SWP; 22SP, NEP; 23SEP
LICENCE	B0077	5-07-042: 33SP,NWP
		5-07-043: 4SWP; 5SP
LICENCE	B0078	5-08-042: 15NP,SE,SWP; 22SP,NWP,NE; 29NP,SEP; 30NP; 31P; 32S, NP
LICENCE	B0079	5-05-043: 27NP; 34P
LICENCE	B0082	5-07-054: 11NWP; 14SP,NEP
LICENCE	B0090	5-24-056: 14NP
LICENCE	B0092	5-24-056: 32SP,NWP
LICENCE	B0093	5-24-056: 33SWP
LICENCE	B0097	5-16-066: 7; 18
		5-17-066: 1N,SE,SWP; 11-13
LICENCE	B0100	6-05-067: 25NEP
LICENCE	B0101	6-05-067: 36NP,SEP
		6-05-068: 2NEP
LICENCE	B0104	6-05-068: 10NWP; 11NP,SEP; 15WP
LICENCE	B0105	6-05-068: 16; 21; 22WP
LICENCE	B0107	4-23-069: 27SP,NWP
LICENCE	B0108	
LICENCE	B0109	
LICENCE	B0110	
LICENCE	B0112	
LICENCE	B0113	
LICENCE	B0114	4-24-070: 36NP,SEP,SW
LICENCE	B0118	
LICENCE	B0119	6-09-084: 27SP
LICENCE	B0120	6-09-085: 27NWP
LICENCE	B0122	5-11-040: 20; 21P; 28NP,SEP,SW

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

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**SHA007001 SPECIAL ACCESS ZONE**

LAND DESCRIPTION  
LEASE A0052 5-08-068: 1SWP  
LICENCE B0097 5-17-066: 1SWP  
LICENCE B0117

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

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**SHA007201 PIPING PLOVER**

LAND DESCRIPTION  
LEASE A0010 4-15-032: 32SWP

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 A0041

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

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**SHA008001 SWAN HILLS GRIZZLY BEAR ZONE**

LAND DESCRIPTION  
LEASE A0048  
LEASE A0049  
LEASE A0050  
LEASE A0052  
LEASE A0053  
LEASE A0054  
LEASE A0055  
LEASE A0056  
LICENCE B0096  
LICENCE B0097 5-17-066: 1P  
LICENCE B0102  
LICENCE B0103

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JULY 11 PUBLIC OFFERING NOTICE

**SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE**

LAND DESCRIPTION

LICENCE B0089  
LICENCE B0090  
LICENCE B0091  
LICENCE B0092  
LICENCE B0093  
LICENCE B0094  
LICENCE B0095 6-06-065: 26; 34NP,SEP; 35P  
6-06-066: 2P

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

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**SHA008301 CLEARWATER GRIZZLY BEAR ZONE**

LICENCE B0121  
LICENCE B0122

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

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**TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER**

LAND DESCRIPTION

LEASE A0060 6-12-074: 13NP,SWP  
LEASE A0061 6-12-074: 14P  
LEASE A0066 4-28-002: 32NEP  
4-28-003: 4P  
LICENCE B0117 6-06-074: 34P

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	
LEASE	A0058	6-11-074:	18SWP
LEASE	A0059	6-12-074:	12P
LEASE	A0060	6-12-074:	13NP
LEASE	A0061	6-12-074:	14P
LEASE	A0066	4-28-002:	32NEP
		4-28-003:	4P
LICENCE	B0117	6-06-074:	34P

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

**WRA000201 PADDLE RIVER**

		LAND DESCRIPTION	
LICENCE	B0088	5-09-056:	5NP; 8

ALL LAND(S) IS/ARE WITHIN A WATERSHED RESEARCH AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER  
 WHITECOURT OFFICE  
 WHITECOURT REGIONAL HEADQUARTERS - LAND AND FOREST SERVICE DEPT. OF  
 SUSTAINABLE RESOURCE DEV  
 5020 52 AVE SUITE 224  
 WHITECOURT AB T7S 1N2 (780) 778-7153

END