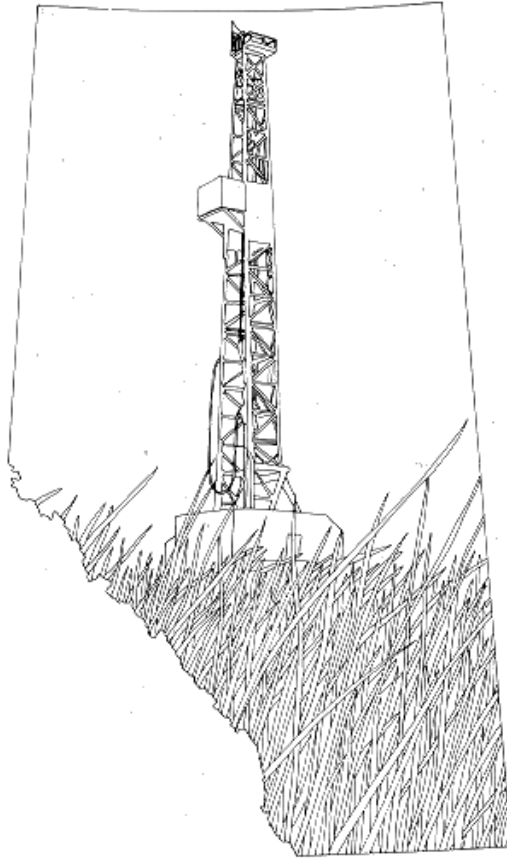


2017 JULY 19

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2017.07.19

From	To	Total	Area
LEASES: A0076	A0225	150	34,887.6400 ha.
LICENCES: B0226	B0244	19	34,688.0000 ha.
		-----	
		169	69,575.6400 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 July 19**.

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 July 19** 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 ---			
A0076	768	4-17-008: 30; 31 4-18-008: 36 PETROLEUM AND NATURAL GAS	(DMR000701)
A0077	336	4-16-009: 6SW, L7 4-17-008: 36 PETROLEUM AND NATURAL GAS	
A0078	192	4-16-009: 4E, L3, L6, L11, L14 PETROLEUM AND NATURAL GAS	
A0079	32	4-16-009: 17L2, L7 PETROLEUM AND NATURAL GAS	
A0080	192	4-15-011: 26S, NW PETROLEUM AND NATURAL GAS	
A0081	192	4-15-012: 8S, NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0082	64	4-15-012: 8NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0083	64	4-15-012: 32SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ARCS MBR	(DRRZD 215)
A0084	32	4-15-012: 32L4, L5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ARCS MBR	(DRRZD 215)
A0085	192	4-15-012: 32N 4-15-013: 5SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ARCS MBR	(DRRZD 215)
A0086	144	4-15-013: 5NE, L1, L7, L8, L13, L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SAWTOOTH FM	(DRRZD 20)
A0087	80	4-19-029: 14L3, L4, L6, L11, L14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(DRRZD 4) (ZD 252-2)
A0088	64	4-16-030: 7SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
A0089	768		
TRACT ONE		4-25-030: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
TRACT TWO		4-24-031: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT THREE		4-25-031: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0090	256	4-26-030: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 7)
A0091	256		
TRACT ONE		4-26-030: 7N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE LEDUC FM	(DRRZD 39) (DRRZD 7)
TRACT TWO		4-26-030: 7SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP TO THE BASE OF THE LEDUC FM	(DRRZD 277) (DRRZD 7)
A0092	256	4-27-030: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE LEDUC FM	(DRRZD 39) (DRRZD 7)
A0093	256	4-27-030: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 7)
A0094	272		
TRACT ONE		5-04-032: 34NE 5-04-033: 16SE PETROLEUM AND NATURAL GAS	
TRACT TWO		5-04-033: 4NW; 16L11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT THREE		5-04-033: 18SE PETROLEUM AND NATURAL GAS TO THE TOP OF THE VIKING FM	(DRRZD 6)
A0095	256	4-09-033: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0096	1536		
	TRACT ONE	4-22-034: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-22-034: 20; 28-30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT THREE	4-22-034: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0097	32	5-05-034: 10L11,L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0098	256	4-23-035: 18 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 MANNVILLE GRP	(DRRZD 39) (DRRZD 6) (DRRZD 4)
A0099	256	4-24-035: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0100	256	4-03-036: 19 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0101	256	4-03-036: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0102	256	4-03-036: 30 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0103	256	4-04-036: 13 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0104	256		
	TRACT ONE	4-04-036: 24N,SE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
	TRACT TWO	4-04-036: 24SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0105	64	4-21-036: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0106	64	4-24-036: 7NW PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0107	256	4-24-036: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0108	49.88	4-25-036: 13SEP 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	
A0109	64	4-25-036: 13NW PETROLEUM AND NATURAL GAS	
A0110	15.8	4-25-036: 23NWP 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	
A0111	37.96	4-25-036: 23NEP 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	
A0112	64	4-01-037: 15L5-L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0113	128	4-04-037: 21E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0114	128	4-04-037: 21W PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0115	128	4-04-037: 22E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(SHA007201) (ZD 1039-1)
A0116	128	4-04-037: 22W PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0117	128	4-04-037: 28E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0118	256	TRACT ONE 4-17-037: 34S,NE,L11,L12,L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TRACT TWO 4-17-037: 34L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0119	128	4-21-037: 24W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0120	64	4-25-037: 2SW PETROLEUM IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0121	256	TRACT ONE 4-25-037: 6W PETROLEUM AND NATURAL GAS IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
		TRACT TWO 4-25-037: 6E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0122	256	4-21-041: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(SHA007201) (DRRZD 39)
A0123	256	4-25-043: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0124	64	4-26-043: 14SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0125	64	4-26-043: 14NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0126	256	4-27-043: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0127	256	4-27-043: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0128	256	4-27-043: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0129	64	4-27-043: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0130	256	4-26-044: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0131	64	4-27-044: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0132	256	4-27-044: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0133	256	4-27-045: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0134	192	5-04-047: 16N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
A0135	256	5-04-047: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE CARDIUM FM	(DRRZD 280) (DRRZD 3)
A0136	768	TRACT ONE 5-03-048: 2N 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 5-03-048: 2S; 11; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0137	256	4-27-049: 32 PETROLEUM AND NATURAL GAS	
A0138	256	5-01-049: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0139	128	5-03-049: 2E PETROLEUM AND NATURAL GAS	
A0140	256	4-27-050: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0141	192	4-27-050: 24N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0142	256	5-01-050: 18 PETROLEUM AND NATURAL GAS	
A0143	256	4-06-054: 16 PETROLEUM AND NATURAL GAS	(ADM001801)
A0144	64	4-10-054: 4SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)



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LEASE	HECTARES	LAND DESCRIPTION	
A0145	256	4-07-055: 22 PETROLEUM AND NATURAL GAS	(ADM001801)
A0146	256	4-07-056: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(ADM001801) (SHA006701) (DRRZD 6)
A0147	64	4-27-060: 27NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0148	64	4-27-060: 28SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0149	64	4-27-061: 4NW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2141)
--- NORTHERN REGION ---			
A0150	128	5-05-036: 11N NATURAL GAS IN THE GLAUCONITIC SS	(ZD 381-2)
A0151	256	5-11-044: 21 PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP	(SHA006701) (IRZ003501) (DRRZD 4)
A0152	256	5-11-044: 23 PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP	(SHA006701) (IRZ003501) (DRRZD 4)
A0153	256	5-12-047: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE NORDEGG MBR	(SHA007901) (IRZ004401) (DRRZD 3) (DRRZD 4) (DRRZD 60) (DRRZD 66)
A0154	128	5-12-047: 21S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0155	192	5-12-047: 28N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NORDEGG MBR	(SHA007901) (DRRZD 6) (DRRZD 66)
A0156	128	5-12-047: 29S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)

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LEASE	HECTARES	LAND DESCRIPTION	
A0157	128	5-11-048: 16E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0158	128	5-05-049: 22N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0159	256	5-10-049: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(GZR001101) (DRRZD 3) (DRRZD 66)
A0160	64	5-10-049: 25SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0161	64	5-11-049: 16SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0162	256	5-13-049: 20 PETROLEUM AND NATURAL GAS	
A0163	256	5-14-049: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR EXCEPTING PETROLEUM AND NATURAL GAS IN THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 66) (DRRZD 22)
A0164	256	TRACT ONE 5-14-050: 23N,SE PETROLEUM AND NATURAL GAS  TRACT TWO 5-14-050: 23SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 158)
A0165	192	5-14-050: 25N,SW PETROLEUM AND NATURAL GAS	
A0166	192	5-09-051: 4S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0167	256	5-12-051: 28 PETROLEUM AND NATURAL GAS	
A0168	64	5-12-051: 31SE PETROLEUM AND NATURAL GAS	
A0169	256	5-14-051: 13 PETROLEUM AND NATURAL GAS	

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0170	64	5-13-052: 22NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(SHA007001)  (DRRZD 3)
A0171	64	5-13-052: 22NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE TOP OF THE MANNVILLE GRP	(SHA007001)  (DRRZD 3) (DRRZD 4)
A0172	256	5-13-052: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(SHA007001)  (DRRZD 3) (DRRZD 66)
A0173	256	5-20-052: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM	(SHA006701) (IRZ001901)  (DRRZD 6) (DRRZD 22)
A0174	256	5-20-052: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (IRZ001901)  (DRRZD 22) (DRRZD 21)
A0175	256	5-20-052: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (IRZ001901)  (DRRZD 21)
A0176	64	5-10-053: 33NW PETROLEUM AND NATURAL GAS	(BWP001301)
A0177	192	5-12-053: 11S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3)  (DRRZD 66)
A0178	256	5-12-053: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3)  (DRRZD 66)
A0179	128	5-13-053: 21W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NORDEGG MBR EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(SHA007001)  (DRRZD 6) (DRRZD 66) (ZD 3125)
A0180	256	5-13-053: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 6)  (DRRZD 66)
A0181	256	5-13-053: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 6)  (DRRZD 66)

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LEASE	HECTARES	LAND DESCRIPTION	
A0182	64	5-17-053: 3SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0183	64	5-17-053: 10SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0184	256	TRACT ONE 5-17-053: 15N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
		TRACT TWO 5-17-053: 15S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 6) (DRRZD 66)
A0185	256	5-17-053: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(HRV003301) (DRRZD 3) (DRRZD 66)
A0186	256	5-17-053: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR EXCEPTING NATURAL GAS IN THE BLUESKY FM	(DRRZD 3) (DRRZD 66) (ZD 2281-1)
A0187	256	TRACT ONE 5-19-053: 36E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
		TRACT TWO 5-19-053: 36W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 6) (DRRZD 66)
A0188	256	5-12-054: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0189	256	5-13-054: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0190	256	5-15-054: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BELLOY FM	(DRRZD 3) (DRRZD 187)
A0191	256	5-15-054: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(HRV003201) (DRRZD 3) (DRRZD 66)

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LEASE	HECTARES	LAND DESCRIPTION	
A0192	256	5-16-054: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)
A0193	64	5-16-054: 20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0194	64	5-17-054: 28NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0195	256	5-19-054: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)
A0196	64	5-12-055: 6NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR EXCEPTING NATURAL GAS IN THE ELLERSLIE-ROCK CK	(TSH003401) (TSH003501) (DRRZD 3) (DRRZD 66) (ZD 2774-1)
A0197	256	5-13-055: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0198	256	5-14-055: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0199	256	5-14-055: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(SHA006001) (DRRZD 3) (DRRZD 66)
A0200	128	5-14-055: 29E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0201	256	5-14-055: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0202	256	5-15-055: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(TSH003501) (DRRZD 3) (DRRZD 66)

2017 JULY 19

LEASE	HECTARES	LAND DESCRIPTION	
A0203	256	5-18-055: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0204	256	5-18-055: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0205	256	5-18-055: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(SHA006701) (DRRZD 3) (DRRZD 66)
A0206	128	5-16-056: 10S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(ES2000102) (DRRZD 3) (DRRZD 66)
A0207	256	5-17-056: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0208	256	5-17-056: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0209	256	5-17-056: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0210	256	5-17-056: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0211	256	5-15-057: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(BWP001802) (DRRZD 3) (DRRZD 66)
A0212	256	5-15-057: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(BWP001802) (DRRZD 3) (DRRZD 66)
A0213	256	5-15-057: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(BWP001802) (DRRZD 3) (DRRZD 66)

PETROLEUM AND NATURAL GAS LEASES

2017 JULY 19

LEASE	HECTARES	LAND DESCRIPTION	
A0214	1024		(ES4000103) (SHA006701) (SHA008201)
TRACT ONE		6-04-062: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE TOP OF THE MONTNEY FM	(DRRZD 51) (DRRZD 264)
TRACT TWO		6-04-061: 27; 34; 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 51) (DRRZD 21)
A0215	256	6-03-072: 2 PETROLEUM AND NATURAL GAS	
A0216	256	6-12-072: 7 PETROLEUM AND NATURAL GAS	(TSH003401) (TSH003501)
A0217	256	6-12-072: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0218	256	6-13-073: 7 PETROLEUM AND NATURAL GAS	
A0219	256	6-13-074: 21 PETROLEUM AND NATURAL GAS	(TSH003501)
A0220	1536	5-24-086: 7-9; 17; 18 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA007001) (SHA008401)
TRACT TWO		5-24-086: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0221	1536	5-24-086: 22; 33 PETROLEUM AND NATURAL GAS	(ADM001901) (SHA006701)
TRACT TWO		5-24-086: 21; 27; 28; 34S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT THREE		5-24-086: 34NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE BELLOY FM	(DRRZD 21) (DRRZD 32)
A0222	192	6-07-086: 9S,NE PETROLEUM AND NATURAL GAS	
A0223	256	5-13-091: 2 PETROLEUM AND NATURAL GAS	(ADM011501)

2017 JULY 19

LEASE	HECTARES	LAND DESCRIPTION
A0224	128	6-09-110: 13E PETROLEUM AND NATURAL GAS
A0225	64	6-09-110: 25SW PETROLEUM AND NATURAL GAS
150	34,887.64	HA TOTALS

END



2017 JULY 19

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0226	2560		
	TRACT ONE	4-04-016: 9; 16-18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 273)
	TRACT TWO	4-04-015: 31 4-04-016: 6; 7 4-05-015: 36 4-05-016: 1; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
--- NORTHERN REGION ---			
B0227	704		(SHA007901)
	TRACT ONE	5-13-047: 15W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE SHUNDA FM EXCEPTING NATURAL GAS IN THE SHUNDA FM	(DRRZD 39) (DRRZD 29) (ZD 2701)
	TRACT TWO	5-13-046: 32SW 5-13-047: 4NE; 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT THREE	5-13-046: 32SE,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT FOUR	5-13-046: 32NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
B0228	512		(SHA006701) (SHA007901)
		5-16-046: 11; 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)
B0229	512		(SHA006701) (SHA007901)
	TRACT ONE	5-16-046: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 22)
	TRACT TWO	5-16-046: 11S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 3) (DRRZD 22) (DRRZD 6)
	TRACT THREE	5-16-046: 11N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 6) (DRRZD 22)

2017 JULY 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0230	6144		(SHA006701) (SHA007001)
		5-20-067: 28-33 5-20-068: 4-9; 16-18 5-21-067: 25; 26; 35; 36 5-21-068: 2; 11-14 PETROLEUM AND NATURAL GAS	
B0231	6400		(IRS000201) (SHA006701)
		TRACT ONE 5-21-067: 27-34 5-21-068: 3-10; 15-17 5-22-067: 25; 36 5-22-068: 12; 13 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-21-068: 18 5-22-068: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BADHEART-MUSKIKI	(DRRZD 275)
B0232	512		(SHA006701)
		6-03-071: 24; 25 PETROLEUM AND NATURAL GAS	
B0233	1536		(SHA007001)
		5-18-072: 5-8 5-19-072: 1; 12 PETROLEUM AND NATURAL GAS	
B0234	1536		(PRP002401) (TSH003401) (TSH003501)
		TRACT ONE 6-09-079: 27NW PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-08-080: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT THREE 6-08-079: 21; 32 6-08-080: 6 6-09-079: 27SW 6-09-080: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		TRACT FOUR 6-09-079: 27E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)

2017 JULY 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0235	3584		(TSH003401) (TSH003501)
TRACT ONE		6-09-079: 32SE 6-09-080: 3SE; 5NE PETROLEUM AND NATURAL GAS	
TRACT TWO		6-09-080: 4NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 21) (DRRZD 247)
TRACT THREE		6-09-080: 5NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 21) (DRRZD 246)
TRACT FOUR		6-09-080: 4NW; 8N,SE; 9; 16; 17; 21; 22; 27; 28; 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
TRACT FIVE		6-09-080: 3SW; 4S; 5S; 6S,NE; 7; 8SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
TRACT SIX		6-09-079: 32SW 6-09-080: 6NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)

2017 JULY 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0236	3968		(TSH003401) (TSH003501)
TRACT ONE		6-10-079: 27 6-10-080: 7 6-11-079: 12N 6-11-080: 9; 14; 24 PETROLEUM AND NATURAL GAS	
TRACT TWO		6-11-079: 12SE PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE DOIG FM	(DRRZD 251)
TRACT THREE		6-10-079: 20E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE CADOTTE MBR EXCEPTING NATURAL GAS IN THE NOTIKEWIN MBR EXCEPTING NATURAL GAS IN THE GETHING FM	(ZD 2609) (ZD 2609) (ZD 2609)
TRACT FOUR		6-11-079: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25)
TRACT FIVE		6-11-079: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT SIX		6-10-079: 16 6-10-080: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
TRACT SEVEN		6-11-079: 13; 31 6-11-080: 15; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
TRACT EIGHT		6-10-079: 9 6-11-079: 12SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
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B0237	256	6-10-081: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
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B0238	640		
TRACT ONE		6-10-082: 25 PETROLEUM AND NATURAL GAS	
TRACT TWO		6-10-082: 14; 23S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
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B0239	768		(SHA006701) (WPP000901)
TRACT ONE		6-10-083: 6 PETROLEUM AND NATURAL GAS	
TRACT TWO		6-11-082: 36 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE CHARLIE LAKE FM EXCEPTING NATURAL GAS IN THE STODDART GRP	(ZD 2952-1) (ZD 2952-1)
TRACT THREE		6-11-082: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE CHARLIE LAKE FM	(DRRZD 21) (ZD 2952-1)
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2017 JULY 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0240	512	6-07-084: 25; 26 PETROLEUM AND NATURAL GAS	(SHA007001)
B0241	1536	6-07-086: 10-12; 14; 23; 26 PETROLEUM AND NATURAL GAS	
B0242	512	6-07-086: 15; 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0243	1472	5-12-087: 28W; 31N,SW; 32; 33S,NW 5-12-088: 5W; 6; 7; 17SW PETROLEUM AND NATURAL GAS	(ADM011501)
--- FOOTHILLS REGION ---			
B0244	1024	5-19-048: 18; 19 5-20-048: 13; 24 PETROLEUM AND NATURAL GAS	(SHA006701) (SHA007901) (IRZ001901)
19	34,688.00	HA TOTALS	<b>END</b>



ZONE DESIGNATIONS APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

ZD: 252-2                    ZONE: 3100 LOWER MANNVILLE FM  
  
INTERVAL: 4213.00 - 4302.00 FEET  
KEY WELL: 00/07-14-029-19W4/0  
LOG TYPE: INDUCTION ELECTRIC

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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

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ZD: 1039-1                  ZONE: 2140 VIKING FM  
  
INTERVAL: 2189.00 - 2203.00 FEET  
KEY WELL: 00/10-34-036-04W4/0  
LOG TYPE: ELECTRICAL  
  
ZONE: 2460 UPPER BLAIRMORE  
  
INTERVAL: 2338.00 - 2360.00 FEET  
KEY WELL: 00/10-34-036-04W4/0  
LOG TYPE: 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: 2281-1                  ZONE: 3040 BLUESKY FM  
  
INTERVAL: 8115.00 - 8183.00 FEET  
KEY WELL: 00/06-31-053-17W5/0  
LOG TYPE: INDUCTION ELECTRIC  
  
ZONE: 6380 ELKTON MBR  
  
INTERVAL: 8721.00 - 8750.00 FEET  
KEY WELL: 00/06-31-053-17W5/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 2609                    ZONE: 2320 CADOTTE MBR  
  
INTERVAL: 2683.00 - 2890.00 FEET  
KEY WELL: 00/11-17-079-10W6/0  
LOG TYPE: ELECTRICAL  
  
ZONE: 2660 NOTIKWIN MBR  
  
INTERVAL: 2976.00 - 3105.00 FEET  
KEY WELL: 00/11-17-079-10W6/0  
LOG TYPE: ELECTRICAL  
  
ZONE: 3260 GETHING FM  
  
INTERVAL: 4178.00 - 4616.00 FEET  
KEY WELL: 00/11-17-079-10W6/0  
LOG TYPE: ELECTRICAL

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ZD: 2701                    ZONE: 6400 SHUNDA FM  
  
INTERVAL: 9280.00 - 9474.00 FEET  
KEY WELL: 00/10-36-046-13W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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ZONE DESIGNATIONS APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

ZD: 2774-1                      ZONE: 3362   ELLERSLIE-ROCK CK

INTERVAL: 6330.00 - 6514.00 FEET  
KEY WELL: 00/06-05-055-12W5/0  
LOG TYPE: INDUCTION ELECTRICAL

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ZD: 2952-1                      ZONE: 5080   CHARLIE LAKE FM

INTERVAL: 4030.00 - 4437.00 FEET  
KEY WELL: 00/07-36-082-11W6/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

                                ZONE: 6040   STODDART GRP

INTERVAL: 5734.00 - 6193.00 FEET  
KEY WELL: 00/07-36-082-11W6/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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ZD: 3125                         ZONE: 3100   LOWER MANNVILLE FM

INTERVAL: 6905.00 - 7046.00 FEET  
KEY WELL: 00/10-20-053-13W5/0  
LOG TYPE: INDUCTION ELECTRIC

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END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 JULY 19 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: 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: 7                    ZONE: 7200    LEDUC FM  
  
INTERVAL: 6418.00 - 7033.00 FEET  
KEY WELL: 00/06-20-041-24W4/0  
LOG TYPE: GAMMA RAY-SONIC

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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: 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: 20                   ZONE: 4280    SAWTOOTH FM  
  
INTERVAL: 3109.00 - 3176.00 FEET  
KEY WELL: 00/10-02-006-14W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 21                   ZONE: 3052    BLUESKY-BULLHEAD  
  
INTERVAL: 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: 23                   ZONE: 6960    NISKU FM  
  
INTERVAL: 5023.00 - 5190.00 FEET  
KEY WELL: 00/06-24-050-26W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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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

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

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: 32                    ZONE: 5560 BELLOY FM  
  
INTERVAL: 2883.00 - 3105.00 FEET  
KEY WELL: 00/10-24-078-19W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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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: 51                    ZONE: 1700 CARDIUM FM  
  
INTERVAL: 2350.40 - 2415.70 METRES  
KEY WELL: 00/07-36-058-03W6/0  
LOG TYPE: DUAL INDUCTION SFL

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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: 84                    ZONE: 5060 BALDONNEL FM  
  
INTERVAL: 5728.00 - 5764.00 FEET  
KEY WELL: 00/11-21-077-10W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 158                   ZONE: 1860 SECOND WHITE SPECKS  
  
INTERVAL: 2241.00 - 2348.00 METRES  
KEY WELL: 00/10-19-051-16W5/0  
LOG TYPE: DUAL INDUCTION FOCUSED

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DRRZD: 187                   ZONE: 5560 BELLOY FM  
  
INTERVAL: 2278.60 - 2287.00 METRES  
KEY WELL: 00/04-02-056-16W5/0  
LOG TYPE: DUAL INDUCTION FOCUSED

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DRRZD: 215                   ZONE: 6940 ARCS MBR  
  
INTERVAL: 1318.00 - 1344.00 METRES  
KEY WELL: 00/14-36-013-15W4/0  
LOG TYPE: DUAL INDUCTION

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

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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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: 273                    ZONE: 2030    FISH SCALE-WESTGATE  
  
INTERVAL: 794.00 - 841.00 METRES  
KEY WELL: 02/06-13-011-20W4/0  
LOG TYPE: INDUCTION ELECTRIC

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DRRZD: 275                    ZONE: 1670    BADHEART-MUSKIKI  
  
INTERVAL: 1259.70 - 1306.00 METRES  
KEY WELL: 00/06-13-067-08W6/0  
LOG TYPE: DUAL INDUCTION FOCUSED

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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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END



## ADDENDA AND CONTACTS APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

**ADM001801 COLD LAKE OIL SANDS DESIGNATED AREA**

LEASE A0143  
LEASE A0145  
LEASE A0146

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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**ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1**

LEASE A0220  
LEASE A0221

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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ADDENDA AND CONTACTS APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

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

LEASE A0223  
LICENCE B0243

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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**BWP001301 CHIP LAKE**

LEASE A0176

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HOBSON  
WILDLIFE BIOLOGIST  
EDSON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
111 54 ST SUITE 203  
EDSON AB T7E 1T2 (780) 723-8518

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**BWP001802 SHINING BANK**

LEASE A0211  
LEASE A0212  
LEASE A0213

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HOBSON  
WILDLIFE BIOLOGIST  
EDSON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
111 54 ST SUITE 203  
EDSON AB T7E 1T2 (780) 723-8518

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ADDENDA AND CONTACTS APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

**HRV003201 HISTORICAL RESOURCE MANAGEMENT AREA**

LAND DESCRIPTION  
LEASE A0191 5-15-054: 29NEP

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 A0185 5-17-053: 22L4

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

**IRS000201 STURGEON LAKE-PUSKWASKAU EAST**

LAND DESCRIPTION  
LICENCE B0231 5-21-068: 7NWP; 18WP  
5-22-067: 25WP; 36NP, SWP  
5-22-068: 1SP, NWP; 12SP, NW, NEP; 13S, NW, NEP

ALL LAND(S) IS/ARE WITHIN THE STURGEON LAKE-PUSKWASKAU EAST INTEGRATED RESOURCE PLAN.

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

**IRZ001901 COAL BRANCH ZONE 2**

LAND DESCRIPTION  
LEASE A0173 5-20-052: 29P  
LEASE A0174 5-20-052: 29P  
LEASE A0175 5-20-052: 29P  
LICENCE B0244 5-20-048: 13P

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  
HINTON OFFICE  
HINTON OFFICE - LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
131 CIVIC CENTRE RD FLOOR 3  
HINTON AB T7V 2E6 (780) 865-8267



ADDENDA AND CONTACTS APPLICABLE TO THE 2017 JULY 19 PUBLIC OFFERING NOTICE

**IRZ003501**            **ROCKY-NORTH SASKATCHEWAN ZONE 2**

LAND DESCRIPTION  
LEASE    A0151    5-11-044:    21P  
LEASE    A0152    5-11-044:    23P

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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**IRZ004401**            **BRAZEAU-PEMBINA ZONE 2**

LAND DESCRIPTION  
LEASE    A0153    5-12-047:    5P

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

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**PRP002401**            **MOONSHINE LAKE**

LAND DESCRIPTION  
LICENCE B0234    6-08-079:    32

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

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**SHA006001**            **UNGULATE HABITAT PROTECTION**

LAND DESCRIPTION  
LEASE    A0199    5-14-055:    12SWP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.  
SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HOBSON  
WILDLIFE BIOLOGIST  
EDSON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
111 54 ST SUITE 203  
EDSON AB    T7E 1T2                            (780) 723-8518

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**SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES**

		LAND DESCRIPTION	
LEASE	A0146	4-07-056:	4NP
LEASE	A0151	5-11-044:	21N,SE,SWP
LEASE	A0152	5-11-044:	23NP,SEP
LEASE	A0173	5-20-052:	29NP
LEASE	A0174	5-20-052:	29NP
LEASE	A0175	5-20-052:	29NP
LEASE	A0205	5-18-055:	35SWP
LEASE	A0214	6-04-061:	27S,NWP,NE; 34NP,SE,SWP; 35
		6-04-062:	3SP,NEP
LEASE	A0221	5-24-086:	27NP; 28NP; 33; 34
LICENCE	B0228		
LICENCE	B0229		
LICENCE	B0230	5-20-067:	28NP,SEP; 29NP; 31SP,NWP,NE; 32N,SE,SWP; 33
		5-20-068:	4-9; 16NP,SEP,SW; 17; 18
		5-21-067:	35NP; 36NP
		5-21-068:	2; 11-14
LICENCE	B0231	5-21-067:	29EP,W; 30; 31; 32EP,W; 34NEP
		5-21-068:	3SP,NWP,NE; 4NEP; 5EP,W; 6; 7; 8EP,W; 9NP,SEP; 10;
			15; 16; 17N,SEP,SW; 18
		5-22-067:	25; 36
		5-22-068:	1S,NWP,NE; 12E,WP; 13E,WP
LICENCE	B0232	6-03-071:	24SP
LICENCE	B0239		
LICENCE	B0244	5-19-048:	18SEP
		5-20-048:	13SP,NWP; 24SWP

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	A0170		
LEASE	A0171		
LEASE	A0172		
LEASE	A0179	5-13-053:	21NWP
LEASE	A0220	5-24-086:	7-9; 16SP; 17SP; 18SP
LICENCE	B0230	5-20-068:	16SEP
LICENCE	B0233	5-18-072:	5SP,NEP; 6SEP
LICENCE	B0240	6-07-084:	25S,NW,NEP; 26

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 JULY 19 PUBLIC OFFERING NOTICE

**TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER**

		LAND DESCRIPTION	
LEASE	A0196	5-12-055:	6NEP
LEASE	A0216	6-12-072:	7P
LICENCE	B0234	6-08-079:	21EP
		6-08-080:	6NP
LICENCE	B0235	6-09-080:	17NWP
LICENCE	B0236	6-10-080:	5NP
		6-11-080:	14EP; 24SP

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	A0196	5-12-055:	6NEP
LEASE	A0202	5-15-055:	4NWP
LEASE	A0216	6-12-072:	7NP, SEP
LEASE	A0219	6-13-074:	21SEP
LICENCE	B0234	6-08-079:	21EP
		6-08-080:	6NP
		6-09-080:	1NEP
LICENCE	B0235	6-09-080:	17WP
LICENCE	B0236	6-10-080:	5NP
		6-11-080:	14NP, SEP; 24SP, NWP

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

**WPP000901 DUNVEGAN WEST**

		LAND DESCRIPTION	
LICENCE	B0239	6-11-082:	35N, SE, SWP

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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