

2017 AUGUST 16

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2017.08.16

From	To	Total	Area
LEASES: A0059	A0153	95	19,317.7480 ha.
LICENCES: B0154	B0167	14	10,902.2800 ha.

		109	30,220.0280 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 August 16**.

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 August 16** 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.

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0059	256	4-08-001: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(SHA005701) (DRRZD 13)
A0060	192	4-17-012: 19S,NE PETROLEUM AND NATURAL GAS	
A0061	128	4-11-025: 33W PETROLEUM AND NATURAL GAS	
A0062	128	4-13-026: 11N PETROLEUM AND NATURAL GAS	
A0063	256	4-22-030: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)
A0064	256	4-23-030: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)
A0065	256	4-23-030: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)
A0066	256	4-26-030: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP TO THE BASE OF THE LEDUC FM	(DRRZD 277) (DRRZD 7)
A0067	256	4-26-030: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 7)
A0068	128	5-02-031: 29S PETROLEUM AND NATURAL GAS	
A0069	256	5-02-031: 30 PETROLEUM AND NATURAL GAS	
A0070	768	TRACT ONE 4-10-034: 32; 33 PETROLEUM AND NATURAL GAS TRACT TWO 4-10-034: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0071	256	4-10-034: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0072	128	4-11-035: 25E PETROLEUM AND NATURAL GAS	

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0073	64	4-11-035: 28SW PETROLEUM AND NATURAL GAS	
A0074	256	5-01-035: 29 PETROLEUM AND NATURAL GAS	
A0075	256	5-02-035: 34 PETROLEUM AND NATURAL GAS	(DMR000501) (PRA012501) (PRA026601)
A0076	256	4-11-036: 24 PETROLEUM AND NATURAL GAS	
A0077	320	4-11-036: 28S; 29N; 30NE PETROLEUM AND NATURAL GAS	
A0078	128	4-11-036: 28N PETROLEUM AND NATURAL GAS	
A0079	256	4-11-036: 32 PETROLEUM AND NATURAL GAS	
A0080	256	4-12-036: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0081	256	4-12-036: 36 PETROLEUM AND NATURAL GAS	
A0082	11.76	4-25-036: 13SWP 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	
A0083	256	TRACT ONE 4-26-036: 20S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TRACT TWO 4-26-036: 20NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0084	256	5-02-036: 22 PETROLEUM AND NATURAL GAS	
A0085	128	5-03-036: 36SE,NW PETROLEUM AND NATURAL GAS	

PETROLEUM AND NATURAL GAS LEASES

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0086	66	<p>5-02-037: 3SEP PORTION(S) DESIGNATED AS MEDICINE RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1896/07/24.</p> <p>3NWP PORTION(S) LYING TO THE WEST OF THE LEFT BANK OF THE MEDICINE RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1896/07/24.</p> <p>3NEP PORTION(S) DESIGNATED AS MEDICINE RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1896/07/24. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP</p>	<p>(HRV002501) (HRV003201) (HRV003301) (DRRZD 4)</p>
A0087	128	<p>5-03-037: 11S PETROLEUM AND NATURAL GAS</p>	
A0088	256	<p>TRACT ONE 5-04-038: 19W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP</p> <p>TRACT TWO 5-04-038: 19NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM</p> <p>TRACT THREE 5-04-038: 19SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM</p>	<p>(DRRZD 280) (DRRZD 280) (DRRZD 6) (DRRZD 280) (DRRZD 4) (DRRZD 7)</p>
A0089	119.99	<p>4-28-040: 26SP,NW,NEP PORTION(S) DESIGNATED AS GULL LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1894/04/24. PETROLEUM AND NATURAL GAS</p>	(SHA007201)
A0090	256	<p>4-28-040: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP</p>	(DRRZD 4)
A0091	176	<p>4-03-041: 10SW,NE,L2,L7,L8 PETROLEUM AND NATURAL GAS</p>	
A0092	256	<p>4-03-041: 22 PETROLEUM AND NATURAL GAS</p>	
A0093	256	<p>4-11-041: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP</p>	(DRRZD 4)
A0094	256	<p>4-24-041: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP</p>	(DRRZD 4)

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0095	256	4-25-042: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0096	256	4-25-042: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0097	256	4-26-042: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0098	64	4-27-042: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0099	256	4-24-043: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0100	256	4-25-043: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0101	256	4-25-043: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0102	256	4-25-043: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0103	256	4-25-043: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0104	64	4-26-043: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0105	256	4-27-043: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0106	256	4-27-043: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0107	256	4-27-043: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0108	256	4-27-043: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0109	256	4-27-043: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0110	256	4-27-043: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0111	64	4-26-044: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0112	256	4-26-044: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0113	256	4-27-044: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0114	256	4-27-044: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0115	256	4-27-044: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0116	256	4-27-045: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0117	256	4-27-045: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0118	256	4-08-048: 36 PETROLEUM AND NATURAL GAS	
A0119	256	4-28-049: 24 PETROLEUM AND NATURAL GAS	
A0120	256	4-27-050: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0121	256	4-26-051: 13 PETROLEUM AND NATURAL GAS	

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0122	256	4-27-052: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
--- NORTHERN REGION ---			
A0123	128	5-06-040: 21S PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0124	128	TRACT ONE 5-06-040: 22SW PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 5-06-040: 22SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0125	128	5-05-041: 28E PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0126	64	5-05-042: 29SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE CARDIUM FM	(GZR001401) (DRRZD 39) (DRRZD 3)
A0127	64	5-05-042: 29SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(GZR001401) (DRRZD 4)
A0128	128	5-05-042: 30S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE CARDIUM FM	(DRRZD 39) (DRRZD 3)
A0129	128	5-05-042: 30S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0130	128	TRACT ONE 5-06-042: 24SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(SHA006701) (IRZ003501) (DRRZD 6)
		TRACT TWO 5-06-042: 24NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0131	256	5-06-043: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE NORDEGG MBR	(SHA006701) (IRZ003501) (DRRZD 39) (DRRZD 66)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

PAGE 7

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0132	256	5-17-057: 29 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
A0133	128	5-10-064: 18N PETROLEUM AND NATURAL GAS	(SHA008001)
A0134	256	6-02-065: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE FERNIE GRP	(SHA006701) (DRRZD 21) (DRRZD 276)
A0135	256	6-03-070: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA007001) (TSH003401) (TSH003501) (DRRZD 264)
A0136	256	TRACT ONE 5-17-072: 18W PETROLEUM AND NATURAL GAS TRACT TWO 5-17-072: 18E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA007001) (DRRZD 21)
A0137	64	6-07-074: 7SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0138	128	6-08-074: 11S PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0139	256	5-22-075: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE GRANITE WASH	(IRS000201) (SHA006701) (DRRZD 70)
A0140	256	6-03-075: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE MONTNEY FM	(SHA007001) (DRRZD 21) (DRRZD 264)
A0141	64	5-10-082: 13NW PETROLEUM AND NATURAL GAS	
A0142	64	5-14-083: 27SW PETROLEUM AND NATURAL GAS	(ADM011501)
A0143	64	5-14-083: 27NW PETROLEUM AND NATURAL GAS	(ADM011501)
A0144	64	5-14-083: 27NE PETROLEUM AND NATURAL GAS	(ADM011501)

2017 AUGUST 16

LEASE	HECTARES	LAND DESCRIPTION	
A0145	64	5-14-083: 28NE PETROLEUM AND NATURAL GAS	(ADM011501)
A0146	64	5-14-083: 33NE PETROLEUM AND NATURAL GAS	(ADM011501)
A0147	64	5-14-083: 34NE PETROLEUM AND NATURAL GAS	(ADM011501)
A0148	64	5-14-083: 35SE PETROLEUM AND NATURAL GAS	(ADM011501)
A0149	64	5-14-083: 35NW PETROLEUM AND NATURAL GAS	(ADM011501)
A0150	512		(SHA006701) (SHA007001)
	TRACT ONE	6-08-084: 31S,NW; 32 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-08-084: 31NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0151	64	6-08-084: 31NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(SHA006701) (SHA007001) (DRRZD 251)
A0152	512	6-08-085: 13; 24 PETROLEUM AND NATURAL GAS	(SHA007001)
A0153	64	6-04-111: 21SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
95	19,317.75	HA TOTALS	END

2017 AUGUST 16

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0154	1792		
	TRACT ONE	4-25-030: 18; 31 4-26-030: 13; 24; 25; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 6) (DRRZD 277)
	TRACT TWO	4-25-030: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 30) (DRRZD 277)
B0155	2048		
	TRACT ONE	4-26-032: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 280) (DRRZD 277)
	TRACT TWO	4-26-032: 29; 30; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 39) (DRRZD 277)
	TRACT THREE	4-26-032: 10; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 6) (DRRZD 277)
	TRACT FOUR	4-26-032: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 4) (DRRZD 277)
	TRACT FIVE	4-26-032: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 30) (DRRZD 277)
--- NORTHERN REGION ---			
B0156	256	5-13-047: 23 PETROLEUM AND NATURAL GAS	
B0157	320		
	TRACT ONE	5-10-049: 22 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 TWO	5-10-049: 23NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

2017 AUGUST 16

LICENCE	HECTARES	LAND DESCRIPTION	
B0158	512		
	TRACT ONE	5-11-050: 1 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 TWO	5-11-049: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0159	384		(TSH003401) (TSH003501)
	TRACT ONE	5-10-050: 5N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT TWO	5-10-050: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0160	256		(SHA006701) (SHA008201)
		5-26-064: 27 PETROLEUM AND NATURAL GAS	
B0161	512		
	TRACT ONE	5-27-064: 25N; 26N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT TWO	5-27-064: 25S; 26S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0162	256		
		6-01-064: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0163	1750.28		(SHA006701)
		5-26-075: 5E,WF; 8E,WF; 9; 16; 17E,WF 6-01-075: 1; 12; 13 PETROLEUM AND NATURAL GAS	
B0164	512		
		6-11-076: 30; 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM TO THE BASE OF THE BELLOY FM	(DRRZD 264) (DRRZD 32)
B0165	768		(SHA006701)
		6-06-084: 20; 21; 32 PETROLEUM AND NATURAL GAS	
B0166	768		(SHA006701) (SHA007001)
	TRACT ONE	6-07-084: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
	TRACT TWO	6-07-084: 20; 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(DRRZD 271)

2017 AUGUST 16

LICENCE	HECTARES	LAND DESCRIPTION	
-----	-----	-----	
B0167	768	6-07-085: 1; 2; 12 PETROLEUM AND NATURAL GAS	(SHA007001)

14	10,902.28	HA TOTALS	END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 AUGUST 16 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

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

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

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

DRRZD: 5 ZONE: 7440 BEAVERHILL LAKE GRP

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

DRRZD: 6 ZONE: 2140 VIKING FM

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

DRRZD: 7 ZONE: 7200 LEDUC FM

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

DRRZD: 9 ZONE: 6440 BANFF FM

INTERVAL: 4513.00 - 4971.00 FEET
KEY WELL: 00/07-03-031-20W4/0
LOG TYPE: GAMMA RAY-SONIC

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

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

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

DRRZD: 30 ZONE: 6420 PEKISKO FM

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

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

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS
APPLICABLE TO THE 2017 AUGUST 16 PUBLIC OFFERING NOTICE

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

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

DRRZD: 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

DRRZD: 70 ZONE: 7975 GRANITE WASH

INTERVAL: 7806.00 - 7837.00 FEET
KEY WELL: 00/09-16-075-19W5/0
LOG TYPE: ELECTRICAL

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

DRRZD: 247 ZONE: 5080 CHARLIE LAKE FM

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

DRRZD: 251 ZONE: 5200 DOIG FM

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

DRRZD: 264 ZONE: 5240 MONTNEY FM

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

DRRZD: 271 ZONE: 6040 STODDART GRP

INTERVAL: 7170.00 - 8095.00 FEET
KEY WELL: 00/07-17-078-10W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 276 ZONE: 4140 FERNIE GRP

INTERVAL: 2048.00 - 2151.00 METRES
KEY WELL: 00/13-01-074-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 277 ZONE: 6580 WABAMUN GRP

INTERVAL: 10452.00 - 11198.00 FEET
KEY WELL: 00/03-10-063-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 280 ZONE: 1060 EDMONTON GRP

INTERVAL: 335.00 - 962.00 METRES
KEY WELL: 00/06-24-044-04W5/0
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 AUGUST 16 PUBLIC OFFERING NOTICE

ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2

LEASE A0142
 LEASE A0143
 LEASE A0144
 LEASE A0145
 LEASE A0146
 LEASE A0147
 LEASE A0148
 LEASE A0149

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

DMR000501 DICKSON DAM AND GLENNIFER RESERVOIR

LAND DESCRIPTION
 LEASE A0075 5-02-035: 34W,NEP,L7

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

SUSANNE LAMPIER
 LAND MANAGMENT TECHNOLOGIST
 ENVIRONMENT AND WATER, DEPARTMENT OF
 WATER MANAGEMENT OPERATIONS
 4920 51 ST SUITE 304
 RED DEER AB T4N 6K8 (403) 381-5322

GZR001401 ROCKY MOUNTAIN HOUSE

LEASE A0126
 LEASE A0127

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

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 AUGUST 16 PUBLIC OFFERING NOTICE

HRV002501 ARCHAEOLOGICAL SITE

LAND DESCRIPTION
LEASE A0086 5-02-037: 3L15

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

HRV003201 HISTORICAL RESOURCE MANAGEMENT AREA

LAND DESCRIPTION
LEASE A0086 5-02-037: 3NEP

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 A0086 5-02-037: 3L15

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

LEASE A0139

ALL LAND(S) IS/ARE WITHIN A INTEGRATED RESOURCE PLAN SPECIAL LAND USE AREA

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
PO BOX 899
VALLEYVIEW AB T0H 3N0 (780) 538-8073

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 AUGUST 16 PUBLIC OFFERING NOTICE

SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES

		LAND DESCRIPTION	
LEASE	A0130	5-06-042:	24EP
LEASE	A0131	5-06-043:	13NP,SEP
LEASE	A0134	6-02-065:	10NP
LEASE	A0135	6-03-070:	33NP
LEASE	A0139	5-22-075:	14NP,SEP
LEASE	A0150	6-08-084:	31S,NP; 32S,NP
LEASE	A0151	6-08-084:	31NEP
LICENCE	B0160	5-26-064:	27EP
LICENCE	B0163	5-26-075:	17NP
		6-01-075:	13NEP
LICENCE	B0165	6-06-084:	20EP; 21; 32E,WP
LICENCE	B0166	6-07-084:	20S,NW,NEP; 21S,NP

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	A0135	6-03-070:	33S,NP
LEASE	A0136		
LEASE	A0140	6-03-075:	1WP
LEASE	A0150	6-08-084:	31NP; 32NP
LEASE	A0151	6-08-084:	31NEP
LEASE	A0152	6-08-085:	13SP
LICENCE	B0166	6-07-084:	20NEP; 21NP; 32
LICENCE	B0167	6-07-085:	1EP,W; 2; 12N,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

SHA007201 PIPING PLOVER

		LAND DESCRIPTION	
LEASE	A0089	4-28-040:	26WP

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 AUGUST 16 PUBLIC OFFERING NOTICE

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE
LEASE A0133

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE
LAND DESCRIPTION

LEASE A0132 5-17-057: 29P
LICENCE B0160

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER
LAND DESCRIPTION

LEASE A0135 6-03-070: 33P
LICENCE B0159 5-10-050: 5NWP; 8SWP

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 A0135 6-03-070: 33P
LICENCE B0159 5-10-050: 5NP; 8SP,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

END