

2018 OCTOBER 03

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2018.10.03

From	To	Total	Area
LEASES: A0003	A0076	74	73,046.3200 ha.
LICENCES: B0077	B0087	11	7,936.0000 ha.

		85	80,982.3200 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 October 03**.

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 October 03** 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	64	4-19-011: 2NW PETROLEUM AND NATURAL GAS
A0004	256	4-19-011: 7 PETROLEUM AND NATURAL GAS
A0005	256	4-20-011: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 273)
A0006	256	4-11-023: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0007	185.2	TRACT ONE 4-15-024: 35L2P, L3P, L6P, L11P, L13P, L14P PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/05/16. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
		TRACT TWO 4-15-024: 35NE, L1, L7, L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0008	256	4-15-024: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0009	256	4-15-025: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0010	49.52	4-17-027: 4NEP PORTION(S) LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1906/02/03. PETROLEUM AND NATURAL GAS
A0011	1024	5-05-033: 6; 7; 17; 18 PETROLEUM AND NATURAL GAS
A0012	256	4-05-035: 29 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM (DRRZD 6)
A0013	256	4-05-035: 30 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM (DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0014	256	4-06-035: 24 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1029-1)
A0015	256	TRACT ONE 5-03-042: 36W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TRACT TWO 5-03-042: 36E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0016	512	TRACT ONE 5-03-043: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
		TRACT TWO 5-03-043: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0017	256	5-04-043: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0018	256	4-25-047: 4 PETROLEUM AND NATURAL GAS	
A0019	256	4-03-050: 6 PETROLEUM AND NATURAL GAS	
A0020	256	TRACT ONE 4-02-052: 18W, L9, L10, L15 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-02-052: 18SE, L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0021	256	4-02-052: 20 PETROLEUM AND NATURAL GAS	
A0022	224	4-02-052: 29SE, NW, L3-L5, L10, L15, L16 PETROLEUM AND NATURAL GAS	
A0023	256	4-03-052: 24 PETROLEUM AND NATURAL GAS	
A0024	128	4-23-052: 2E PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
A0025	192	5-05-037: 30S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0026	64	5-05-037: 30NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0027	256	TRACT ONE 5-06-039: 5N PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 287)
		TRACT TWO 5-06-039: 5SE PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 6) (DRRZD 287)
		TRACT THREE 5-06-039: 5SW PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 3) (DRRZD 287)
A0028	256		(IRZ004401) (SHA006701) (SHA007901)
		5-16-046: 6 PETROLEUM AND NATURAL GAS	
A0029	256		(SHA006701) (SHA007901)
		5-16-046: 29 PETROLEUM AND NATURAL GAS	
A0030	256		(SHA006701) (SHA007901)
		5-17-046: 13 PETROLEUM AND NATURAL GAS	
A0031	256		(SHA007901)
		5-17-046: 17 PETROLEUM AND NATURAL GAS	
A0032	256		(SHA007901)
		5-18-047: 34 PETROLEUM AND NATURAL GAS	
A0033	256		(NAT005801)
		TRACT ONE 5-08-049: 27S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
		TRACT TWO 5-08-049: 27NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
A0034	256		
		5-13-049: 16 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0035	256	5-14-049: 23 PETROLEUM AND NATURAL GAS	
A0036	256	5-14-055: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0037	256	5-05-056: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0038	256	5-05-056: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0039	256	5-05-056: 26 PETROLEUM AND NATURAL GAS	
A0040	256	5-05-056: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0041	256	5-15-056: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0042	256	5-07-059: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0043	576	TRACT ONE 6-07-066: 35E PETROLEUM AND NATURAL GAS TO THE TOP OF THE MONTNEY FM	(DRRZD 264)
		TRACT TWO 6-07-066: 25W; 34S; 35W; 36SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0044	352	6-07-067: 7NE, L11, L14; 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 51)
A0045	768	6-07-067: 26; 27; 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0046	512	6-07-067: 36 6-07-068: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0047	1280		(PPR006101) (SHA006701)
TRACT ONE		6-05-068: 6W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(DRRZD 21) (DRRZD 264)
TRACT TWO		6-05-068: 5; 7; 8 6-06-068: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT THREE		6-05-068: 6E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(DRRZD 271)

A0048	768		
TRACT ONE		6-09-068: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
TRACT TWO		6-09-068: 7; 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)

A0049	256	5-20-069: 13 PETROLEUM AND NATURAL GAS	

A0050	64	5-25-075: 10SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BEAVERHILL LAKE GRP	(SHA007001) (DRRZD 5)

A0051	8128		(SHA007001) (TSH003401) (TSH003501)
TRACT ONE		6-04-075: 31; 32 6-04-076: 4-11; 14-23; 24N,SE; 27; 29; 30 6-05-076: 1; 12; 13; 24; 25 PETROLEUM AND NATURAL GAS	
TRACT TWO		6-04-076: 25; 26; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

A0052	6208		(SHA007001)
TRACT ONE		6-01-076: 30S,NW; 31 6-02-076: 25; 26; 27N,SE; 34; 35S,NE; 36 6-02-077: 1-3; 10-15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-01-077: 4-8; 9W; 16W; 17; 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 111)

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LEASE	HECTARES	LAND DESCRIPTION	
A0053	6208		(SHA007001)
TRACT ONE		6-01-076: 30S,NW; 31 6-02-076: 25; 26; 27N,SE; 34; 35S,NE; 36 6-02-077: 1-3; 10-15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-01-077: 4-8; 9W; 16W; 17; 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 111)
A0054	7808		(SHA006701) (SHA007001)
TRACT ONE		6-02-076: 31 6-02-077: 6S,NE; 7N,SE; 18 6-03-076: 19-22; 27-30; 33-36 6-03-077: 1-3; 10-15; 20-24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-03-076: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE MONTNEY FM	(DRRZD 21) (DRRZD 264)
A0055	8064		(SHA006701) (SHA007001)
TRACT ONE		6-02-076: 31 6-02-077: 6S,NE; 7N,SE; 18 6-03-076: 19-22; 27-31; 33-36 6-03-077: 1-3; 10-15; 20-24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-03-076: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
A0056	3968		(SHA007001)
TRACT ONE		6-02-077: 28E; 30-32 6-03-077: 25; 26; 29; 32; 35; 36 6-03-078: 1; 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-03-077: 27; 28; 33; 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE MONTNEY FM	(DRRZD 38) (DRRZD 264)
A0057	5376		(SHA007001)
TRACT ONE		6-02-077: 28E; 30-32 6-03-077: 25-29; 32-36 6-03-078: 1; 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
TRACT TWO		6-02-077: 28W; 29; 33 6-02-078: 4-6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(DRRZD 271)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
A0058	4779.6		(ADM001901) (SHA006701) (TSH003401) (TSH003501)
	TRACT ONE	5-25-079: 7; 17-20; 29-31 5-26-079: 9L1F,L8F,L9F,L16F; 10-15; 16L1F,L8F,L9F, L16F; 21L1F,L8F,L9F,L16F; 22-24 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-25-079: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0059	1792		(SHA006701) (WPP002101)
	TRACT ONE	6-02-079: 5-8 6-03-079: 1; 12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-02-079: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0060	3520		(SHA006701)
		6-04-079: 13-16; 20-23; 24S,NW; 25-29 PETROLEUM AND NATURAL GAS	
A0061	256		(ADM001901)
		5-22-081: 16 PETROLEUM AND NATURAL GAS	
A0062	128		(DRRZD 21)
		6-05-082: 32W PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	
A0063	64		
		6-05-114: 29SE PETROLEUM AND NATURAL GAS	
A0064	64		
		6-05-114: 29SW PETROLEUM AND NATURAL GAS	
A0065	64		(DRRZD 43)
		6-05-114: 29NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	
A0066	64		(DRRZD 18)
		6-05-114: 31SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	
A0067	64		(DRRZD 18)
		6-05-114: 31SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	
A0068	64		
		6-05-114: 31NW PETROLEUM AND NATURAL GAS	
A0069	64		(DRRZD 18)
		6-06-115: 11SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	

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LEASE	HECTARES	LAND DESCRIPTION	
A0070	64	6-06-115: 11SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0071	64	6-06-115: 11NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
--- FOOTHILLS REGION ---			
A0072	256	5-16-042: 8 PETROLEUM AND NATURAL GAS	(SHA006701) (SHA007901) (SIP000401)
A0073	256	5-17-043: 9 PETROLEUM AND NATURAL GAS	(SHA007901) (SIP000401)
A0074	256	5-17-043: 19 PETROLEUM AND NATURAL GAS	(SHA007901) (SIP000401)
A0075	256	5-17-043: 20 PETROLEUM AND NATURAL GAS	(SHA007901) (SIP000401)
A0076	256	5-18-046: 1 PETROLEUM AND NATURAL GAS	(SHA007901)
74	73,046.32	HA TOTALS	END

2018 OCTOBER 03

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0077	1536		
	TRACT ONE	5-09-052: 26; 35; 36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-08-052: 6S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT THREE	5-08-052: 31W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT FOUR	5-08-052: 31E 5-09-052: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
	TRACT FIVE	5-08-052: 6NE NATURAL GAS IN THE BASAL QUARTZ SD NATURAL GAS IN THE NORDEGG MBR NATURAL GAS IN THE PEKISKO FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(ZD 165-A) (ZD 165) (ZD 165) (DRRZD 79)
B0078	512	5-11-060: 19; 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(SHA008001) (DRRZD 30)
B0079	448	5-12-060: 25; 36S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM	(SHA008001) (DRRZD 30)
B0080	512	6-07-066: 22; 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
B0081	768		
	TRACT ONE	6-07-067: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(DRRZD 21) (DRRZD 264)
	TRACT TWO	6-07-067: 17; 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0082	832	6-07-067: 25; 35 6-07-068: 2SW; 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0083	1024		(IRS000201) (SHA006701) (TSH003401) (TSH003501)
		5-26-068: 33 5-26-069: 4; 9; 10 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0084	512	6-08-068: 2; 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0085	768		(SHA006701)
	TRACT ONE	6-09-068: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
	TRACT TWO	6-09-068: 6; 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0086	768	5-21-072: 33 5-21-073: 4; 5 PETROLEUM AND NATURAL GAS	
B0087	256	6-10-082: 6 PETROLEUM AND NATURAL GAS	
11	7,936.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

ZD: 165 ZONE: 0640 PASKAPOO FM

INTERVAL: 600.00 - 873.00 FEET
KEY WELL: 00/10-18-051-08W5/0
LOG TYPE: ELECTRICAL

 ZONE: 3000 GLAUCONITIC SS

INTERVAL: 6098.00 - 6130.00 FEET
KEY WELL: 00/10-18-051-08W5/0
LOG TYPE: ELECTRICAL

 ZONE: 4440 NORDEGG MBR

INTERVAL: 6264.00 - 6364.00 FEET
KEY WELL: 00/10-18-051-08W5/0
LOG TYPE: MICROLOG

 ZONE: 6420 PEKISKO FM

INTERVAL: 6364.00 - 6411.00 FEET
KEY WELL: 00/10-18-051-08W5/0
LOG TYPE: GAMMA RAY

ZD: 165-A ZONE: 3340 BASAL QUARTZ SD

INTERVAL: 6215.00 - 6370.00 FEET
KEY WELL: 00/06-10-052-09W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 1029-1 ZONE: 2140 VIKING FM

INTERVAL: 2641.00 - 2675.00 FEET
KEY WELL: 00/11-32-035-06W4/0
LOG TYPE: ELECTRICAL

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 OCTOBER 03 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: 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

DRRZD: 18 ZONE: 7580 SLAVE POINT FM

INTERVAL: 4196.00 - 4336.00 FEET
KEY WELL: 00/02-17-088-08W5/0
LOG TYPE: GAMMA RAY-ACOUSTIC

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

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

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

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

DRRZD: 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: 38 ZONE: 1920 DUNVEGAN FM

INTERVAL: 2566.00 - 3038.00 FEET
KEY WELL: 00/11-04-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

DRRZD: 40 ZONE: 2280 PEACE RIVER FM

INTERVAL: 3760.00 - 4008.00 FEET
KEY WELL: 00/07-09-076-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 42 ZONE: 6120 DEBOLT FM

INTERVAL: 4444.00 - 5294.00 FEET
KEY WELL: 00/10-11-080-03W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 43 ZONE: 7675 SULPHUR POINT FM

INTERVAL: 5408.00 - 5482.00 FEET
KEY WELL: 02/07-18-109-07W6/0
LOG TYPE: FORMATION DENSITY

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

DRRZD: 57 ZONE: 6440 BANFF FM

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

DRRZD: 60 ZONE: 4320 ROCK CREEK MBR

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

DRRZD: 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: 79 ZONE: 6960 NISKU FM

INTERVAL: 8324.00 - 8730.00 FEET
KEY WELL: 00/06-25-050-10W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 111 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2773.00 - 2964.00 FEET
KEY WELL: 00/15-25-080-23W5/0
LOG TYPE: ELECTRICAL

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

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

DRRZD: 280 ZONE: 1060 EDMONTON GRP

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

DRRZD: 287 ZONE: 7285 DUVERNAY-MAJEAU LAKE FM

INTERVAL: 3274.00 - 3334.00 METRES
KEY WELL: 00/03-32-063-22W5/0
LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1

LAND DESCRIPTION

LEASE A0058 5-25-079: 7; 17-20; 29-32
LEASE A0061

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

IRS000201 STURGEON LAKE-PUSKWASKAU EAST

LAND DESCRIPTION

LICENCE B0083 5-26-068: 33P
5-26-069: 4P; 9; 10P

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
10320 99 ST
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5260

IRZ004401 BRAZEAU-PEMBINA ZONE 2

LAND DESCRIPTION

LEASE A0028 5-16-046: 6P

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

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

NAT005801

EASYFORD

LAND DESCRIPTION
LEASE A0033 5-08-049: 27EP

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

PPR006101

BIG MOUNTAIN CREEK PROPOSED EXPANSION AREA

LAND DESCRIPTION
LEASE A0047 6-05-068: 5NE; 7NE; 8

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

SHA006701

KEY WILDLIFE AND BIODIVERSITY ZONES

LAND DESCRIPTION
LEASE A0028 5-16-046: 6SP,N
LEASE A0029 5-16-046: 29SP
LEASE A0030
LEASE A0047 6-05-068: 5S,NWP,NE; 6NP,SE,SWP; 7SP,NW,NEP; 8NP,SE,SWP
6-06-068: 12SP,N
LEASE A0054 6-03-076: 22SP,NWP,NE; 27NP,SE,SWP; 28NEP
LEASE A0055 6-03-076: 22SP,NWP,NE; 27NP,SE,SWP; 28NEP
LEASE A0058 5-25-079: 29SP,N; 30SP,N; 31; 32
5-26-079: 21L9P,L16P; 22NWP
LEASE A0059 6-02-079: 4; 5SP,N; 6SP,NWP,NE; 7; 8
6-03-079: 1SP,NW,NEP; 12
LEASE A0060 6-04-079: 25NP; 26NEP
LEASE A0072 5-16-042: 8WP
LICENCE B0083 5-26-068: 33
5-26-069: 4; 9NP,SEP,SW; 10SWP
LICENCE B0085 6-09-068: 5SP; 6SP

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 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

SHA007001 SPECIAL ACCESS ZONE

		LAND DESCRIPTION
LEASE	A0050	
LEASE	A0051	6-04-075: 31SP,NWP,NE; 32N,SE,SWP 6-04-076: 4-11; 14SP; 15SP; 16SP; 17SP; 18SP 6-05-076: 1; 12; 13SP
LEASE	A0052	6-01-077: 4NP; 5NP; 6NP; 7; 8; 9W; 16W; 17; 18 6-02-077: 1NP; 2NP; 3NP; 10N,SE,SWP; 11-15
LEASE	A0053	6-01-077: 4NP; 5NP; 6NP; 7; 8; 9W; 16W; 17; 18 6-02-077: 1NP; 2NP; 3NP; 10N,SE,SWP; 11-15
LEASE	A0054	6-02-077: 6NEP; 7N,SEP; 18S,NP 6-03-077: 1NEP; 10NP; 11NP; 12NP,SEP; 13S,NP; 14S,NW,NEP; 15; 20; 21EP,W; 22SP; 23SP
LEASE	A0055	6-02-077: 6NEP; 7N,SEP; 18S,NP 6-03-077: 1NEP; 10NP; 11NP; 12NP,SEP; 13S,NP; 14S,NW,NEP; 15; 20; 21EP,W; 22SP; 23SP
LEASE	A0056	6-03-077: 28NP,SEP,SW; 29S,NP
LEASE	A0057	6-03-077: 28NP,SEP,SW; 29S,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

SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE

LEASE	A0028
LEASE	A0029
LEASE	A0030
LEASE	A0031
LEASE	A0032
LEASE	A0072
LEASE	A0073
LEASE	A0074
LEASE	A0075
LEASE	A0076

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

LICENCE	B0078
LICENCE	B0079

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 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

SIP000401 CHUNGO CREEK MAIN TRUNK ROAD CORRIDOR PLAN

LEASE A0072
LEASE A0073
LEASE A0074
LEASE A0075

ALL LAND(S) IS/ARE WITHIN CHUNGO CREEK MAIN TRUNK ROAD CORRIDOR PLAN (2005) AND IS SUBJECT TO ESRD INFORMATION LETTER 2005-1.

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

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

LAND DESCRIPTION
LEASE A0051 6-04-076: 26P; 27P; 28P
LEASE A0058 5-25-079: 32P
LICENCE B0083 5-26-068: 33P

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 A0051 6-04-076: 26P; 27P; 28P
LEASE A0058 5-25-079: 29P; 32P
LICENCE B0083 5-26-068: 33P

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 03 PUBLIC OFFERING NOTICE

WPP002101

PEACE RIVER

LAND DESCRIPTION

LEASE A0059 6-02-079: 7N; 8SP,N
6-03-079: 12N,SEP,SW

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 DIVISION

9820 106 ST NW FLOOR 2

EDMONTON AB T5K 2J6

(780) 644-5357

END