

2016 JULY 06

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2016.07.06

From	To	Total	Area
LEASES: A0006	A0068	63	13,200.0000 ha.
LICENCES: B0069	B0089	21	41,984.0000 ha.

		84	55,184.0000 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 2016 July 06**.

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 **2016 July 06** 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 ---			
A0006	256	4-20-001: 36 PETROLEUM AND NATURAL GAS	
A0007	256	4-18-002: 33 PETROLEUM AND NATURAL GAS	(NAT015201)
A0008	256	4-19-002: 9 PETROLEUM AND NATURAL GAS	(GZR000201)
A0009	256	4-19-002: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(GZR000201) (DRRZD 8)
A0010	64	4-15-011: 3SE PETROLEUM AND NATURAL GAS	
A0011	64	4-15-011: 3SW PETROLEUM AND NATURAL GAS	
A0012	256	TRACT ONE 4-15-013: 7S PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
		TRACT TWO 4-15-013: 7N PETROLEUM AND NATURAL GAS TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0013	64	4-24-013: 10NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MILK RIVER FM	(DRRZD 11)
A0014	256	4-27-023: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0015	256	4-09-028: 35 PETROLEUM AND NATURAL GAS	
A0016	256	4-09-028: 36 PETROLEUM AND NATURAL GAS	
A0017	256	4-19-029: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS EXCEPTING NATURAL GAS IN THE LOWER BLAIRMORE	(DRRZD 13) (ZD 183)
A0018	256	4-24-029: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE BANFF FM	(DRRZD 6) (DRRZD 9)
A0019	256	4-24-029: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)

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LEASE	HECTARES	LAND DESCRIPTION	
A0020	512	4-28-033: 2; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0021	192	4-28-033: 11S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0022	64	5-03-037: 6SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 280) (DRRZD 6) (DRRZD 29) (DRRZD 3)
A0023	256	5-03-038: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE LEDUC FM	(DRRZD 30) (DRRZD 7)
A0024	64	5-02-048: 16NE PETROLEUM AND NATURAL GAS	
A0025	64	4-08-049: 2SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0026	64	4-08-049: 2SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0027	64	4-08-049: 2NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0028	64	4-08-049: 2NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0029	16	4-25-049: 30L1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0030	256	4-07-052: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0031	128	4-17-053: 2S PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
A0032	192	5-08-041: 10N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 3) (DRRZD 6) (DRRZD 5)
A0033	64	5-06-042: 6SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0034	256	5-06-046: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0035	192	5-12-050: 32S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0036	256	TRACT ONE 5-12-050: 34N,SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP TRACT TWO 5-12-050: 34SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 3) (DRRZD 4) (DRRZD 3) (DRRZD 4)
A0037	192	5-13-051: 34S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
A0038	384	TRACT ONE 5-13-053: 8E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM TRACT TWO 5-13-053: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(SHA007001) (ZD 3125) (DRRZD 3) (ZD 3125)
A0039	64	5-05-055: 8SW PETROLEUM AND NATURAL GAS	
A0040	256	5-15-059: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)

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LEASE	HECTARES	LAND DESCRIPTION	
A0041	256		(SHA008001)
	TRACT ONE	5-09-063: 3E PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-09-063: 10E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0042	256		
	TRACT ONE	6-02-064: 2N PETROLEUM AND NATURAL GAS TO THE TOP OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
	TRACT TWO	6-02-064: 2S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0043	256		
		6-02-064: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0044	128		(SHA008001)
		5-08-065: 34N PETROLEUM AND NATURAL GAS	
A0045	640		(SHA008001)
	TRACT ONE	5-08-066: 20W; 29W; 33SW 5-08-067: 5W 5-09-067: 1E PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-08-066: 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0046	64		(SHA008001)
		5-15-066: 22NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0047	256		(SHA008001)
		5-08-067: 23E; 26E PETROLEUM AND NATURAL GAS	
A0048	384		(SHA008001)
		5-09-067: 12E; 13E; 24E PETROLEUM AND NATURAL GAS	
A0049	64		
		6-06-067: 33NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
		TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0050	128		(TSH003301)
		6-09-069: 3S PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0051	384		(SHA008001)
		5-10-070: 10W; 14SW; 16N,SE PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0052	256	6-10-072: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE HALFWAY FM	(DRRZD 22) (DRRZD 246)
A0053	256	6-07-073: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(TSH003301) (DRRZD 246)
A0054	256	6-07-073: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0055	256	6-09-073: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0056	256	6-12-073: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0057	64	6-12-073: 35SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(TSH003301) (DRRZD 251)
A0058	64	5-25-074: 35NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(IRS000201) (SHA006701) (TSH003301) (DRRZD 276)
A0059	256	6-09-074: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0060	256	6-10-074: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(TSH003301) (DRRZD 21) (DRRZD 251)
A0061	192	6-12-074: 19S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0062	256	6-13-074: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(TSH003301) (DRRZD 21)
A0063	64	5-25-075: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(SHA007001) (DRRZD 5)
A0064	256	6-09-075: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25)

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LEASE	HECTARES	LAND DESCRIPTION	
A0065	256	6-12-075: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(TSH003301) (DRRZD 251)
A0066	512	TRACT ONE 6-08-077: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(SHA007001) (DRRZD 251)
		TRACT TWO 6-08-077: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(DRRZD 21) (DRRZD 251)
A0067	64	6-08-077: 20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM EXCEPTING NATURAL GAS IN THE HALFWAY FM	(SHA007001) (DRRZD 247) (ZD 3263)
--- FOOTHILLS REGION ---			
A0068	256	5-25-051: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(BWP001601) (IR2000702) (SHA006701) (SHA008201) (DRRZD 21)
63	13,200.00	HA TOTALS	END

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LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0069	2816	4-17-057: 7; 18-20; 28; 30 4-18-057: 11-14; 23 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
B0070	512	5-06-040: 30 5-07-040: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0071	448	TRACT ONE 5-07-041: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 5-07-041: 22S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUVERNAY-MAJEAU LAKE FM	(DRRZD 3) (DRRZD 287)
B0072	1536		(IR2000201) (SHA007901)
		TRACT ONE 5-10-041: 9; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
		TRACT TWO 5-10-041: 4; 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
		TRACT THREE 5-10-041: 3S,NE 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 ROCK CREEK MBR	(DRRZD 3) (DRRZD 66) (DRRZD 60)
		TRACT FOUR 5-10-041: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE SECOND WHITE SPECKS EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(DRRZD 3) (DRRZD 4) (DRRZD 13) (ZD 318-A)
		TRACT FIVE 5-10-041: 3NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE TOP OF THE SECOND WHITE SPECKS	(DRRZD 3) (DRRZD 13)
B0073	256	5-10-041: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(SHA007901) (DRRZD 3)
B0074	4352	5-13-059: 4-6; 8; 9; 16; 17; 19-21; 29-32 5-13-060: 5; 6 5-14-060: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(SHA006701) (SHA007001) (DRRZD 277)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0075	4352		(SHA006701) (SHA007001)
TRACT ONE		5-13-059: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 280) (DRRZD 277)
TRACT TWO		5-13-059: 32 5-13-060: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE WABAMUN GRP	(DRRZD 60) (DRRZD 277)
TRACT THREE		5-13-059: 9; 16; 21 5-14-060: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE WABAMUN GRP	(DRRZD 66) (DRRZD 277)
TRACT FOUR		5-13-059: 4-6; 8; 17; 19; 20; 30; 31 5-13-060: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 30) (DRRZD 277)
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B0076	4608		(SHA006701) (SHA008001) (TSH003301)
TRACT ONE		5-13-060: 29 5-13-061: 5; 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 280) (DRRZD 277)
TRACT TWO		5-13-060: 30-32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 4) (DRRZD 277)
TRACT THREE		5-13-061: 18-20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE WABAMUN GRP	(DRRZD 21) (DRRZD 277)
TRACT FOUR		5-13-060: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE WABAMUN GRP	(DRRZD 66) (DRRZD 277)
TRACT FIVE		5-13-060: 28; 33 5-13-061: 4; 9; 17 5-14-060: 34-36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 30) (DRRZD 277)
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B0077	4608		(SHA006701) (SHA008001) (TSH003301)
		5-13-060: 27-33 5-13-061: 4; 5; 8; 9; 17-20 5-14-060: 34-36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0078	2048		(SHA008001)
	TRACT ONE	5-08-063: 5; 6; 8 5-09-063: 1; 2; 11; 12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-08-063: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
B0079	1536	5-08-065: 20; 29-33 PETROLEUM AND NATURAL GAS	(SHA008001)
B0080	2560	5-07-066: 6; 7 5-08-066: 1-4; 9-12 PETROLEUM AND NATURAL GAS	(SHA008001)
B0081	1536	5-08-066: 5-8; 17; 18 PETROLEUM AND NATURAL GAS	(SHA008001)
B0082	1024	5-08-066: 31; 32 5-08-067: 6 5-09-066: 36 PETROLEUM AND NATURAL GAS	(SHA008001)
B0083	1024	5-08-067: 7; 18; 19; 30 PETROLEUM AND NATURAL GAS	(SHA008001)
B0084	768	5-08-067: 13; 24; 25 PETROLEUM AND NATURAL GAS	(SHA007001) (SHA008001)
B0085	1024	5-10-070: 15; 20-22 PETROLEUM AND NATURAL GAS	(SHA008001)
B0086	512	TRACT ONE 5-25-072: 29 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-25-072: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0087	256	6-08-077: 16 PETROLEUM AND NATURAL GAS	(SHA007001)
B0088	1536	TRACT ONE 5-23-083: 2-4; 9; 10S; 11S,NE PETROLEUM AND NATURAL GAS	(ADM001901)
	TRACT TWO	5-23-083: 10N; 11NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 153)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0089	4672		(ADM001901)
	TRACT ONE	5-23-084: 25-27; 28NW; 31; 32; 33N,SW; 34-36 5-23-085: 1; 2; 3E; 4S,NW; 8-12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-23-085: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
21	41,984.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2016 JULY 06 PUBLIC OFFERING NOTICE

ZD: 183 ZONE: 3080 LOWER BLAIRMORE
INTERVAL: 4240.00 - 4422.00 FEET
KEY WELL: 00/09-13-029-19W4/0
LOG TYPE: INDUCTION ELECTRICAL

ZD: 318-A ZONE: 3100 LOWER MANNVILLE FM
INTERVAL: 9450.00 - 9632.00 FEET
KEY WELL: 00/09-11-041-10W5/0
LOG TYPE: INDUCTION ELECTRIC

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

ZD: 3263 ZONE: 2320 CADOTTE MBR
INTERVAL: 3776.00 - 3906.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 3480 CADOMIN FM
INTERVAL: 5544.00 - 5598.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 5160 HALFWAY FM
INTERVAL: 6336.00 - 6378.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 JULY 06 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: 8 ZONE: 2130 BOW ISLAND SD

INTERVAL: 2140.00 - 2472.00 FEET
KEY WELL: 00/11-31-011-10W4/0
LOG TYPE: INDUCTION ELECTRICAL

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: 11 ZONE: 1580 MILK RIVER FM

INTERVAL: 677.00 - 972.00 FEET
KEY WELL: 00/15-02-014-05W4/0
LOG TYPE: ELECTRICAL

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: 22 ZONE: 2640 SPIRIT RIVER FM

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS
APPLICABLE TO THE 2016 JULY 06 PUBLIC OFFERING NOTICE

DRRZD: 23 ZONE: 6960 NISKU FM

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

DRRZD: 25 ZONE: 1900 DOE CREEK MBR

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

DRRZD: 29 ZONE: 6400 SHUNDA FM

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

DRRZD: 30 ZONE: 6420 PEKISKO FM

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

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

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

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: 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: 153 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2573.00 - 2707.00 FEET
KEY WELL: 00/07-16-083-23W5/2
LOG TYPE: DUAL INDUCTION-LATEROLOG

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 JULY 06 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

DRRZD: 247 ZONE: 5080 CHARLIE LAKE FM

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

DRRZD: 251 ZONE: 5200 DOIG FM

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

DRRZD: 264 ZONE: 5240 MONTNEY FM

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

DRRZD: 276 ZONE: 4140 FERNIE GRP

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

DRRZD: 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

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 2016 JULY 06 PUBLIC OFFERING NOTICE

ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1

LICENCE B0088
LICENCE B0089

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

BWP001601 ATHABASCA RANCH

LAND DESCRIPTION
LEASE A0068 5-25-051: 23NP,SWP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

GZR000201 TWIN RIVER

LEASE A0008
LEASE A0009

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JAKE WILLMS
PGR RANGELAND AGROLOGIST
LETHBRIDGE OFFICE - PUBLIC LANDS DEPT. OF SUSTAINABLE RESOURCE DEV
5401 1 AVE S SUITE 100
LETHBRIDGE AB T1J 4V6 (403) 382-4287

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2016 JULY 06 PUBLIC OFFERING NOTICE

IR2000201 ROCKY-NORTH SASKATCHEWAN

LAND DESCRIPTION
LICENCE B0072 5-10-041: 1NP

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ANNE HUBBS
SENIOR WILDLIFE BIOLOGIST
ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE
RESOURCE DEV
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8235

IR2000702 COAL BRANCH

LAND DESCRIPTION
LEASE A0068 5-25-051: 23NP,SWP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

IRS000201 STURGEON LAKE-PUSKWASKAU EAST

LEASE A0058

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:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

NAT015201 TWIN RIVER HERITAGE RANGELAND

LEASE A0007

ALL LAND(S) IS/ARE WITHIN A NATURAL AREA, ESTABLISHED UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 JULY 06 PUBLIC OFFERING NOTICE

SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES

		LAND DESCRIPTION
LEASE	A0058	
LEASE	A0068	5-25-051: 23SP 5-25-051: 23NW,NEP
LICENCE	B0074	5-13-060: 5NEP; 6NP 5-14-060: 1NP
LICENCE	B0075	5-13-060: 5NEP; 6NP 5-14-060: 1NP
LICENCE	B0076	5-13-060: 27NEP 5-13-061: 9NP
LICENCE	B0077	5-13-060: 27NEP 5-13-061: 9NP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

SHA007001 SPECIAL ACCESS ZONE

		LAND DESCRIPTION
LEASE	A0038	5-13-053: 8EP; 9SP
LEASE	A0063	
LEASE	A0066	
LEASE	A0067	6-08-077: 20SWP
LICENCE	B0074	5-13-059: 4-6; 8; 9; 16; 17; 19SP,NEP; 20SEP 5-13-059: 20NP,SW; 21P
LICENCE	B0075	5-13-059: 4-6; 8; 9; 16; 17; 19SP,NEP; 20SEP 5-13-059: 20NP,SW; 21P
LICENCE	B0084	5-08-067: 24NP,SEP 5-08-067: 25WP,SE 5-08-067: 25NE
LICENCE	B0087	

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE

LICENCE B0072
LICENCE B0073

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

- LEASE A0041
- LEASE A0044
- LEASE A0045
- LEASE A0046
- LEASE A0047
- LEASE A0048
- LEASE A0051
- LICENCE B0076
- LICENCE B0077
- LICENCE B0078
- LICENCE B0079
- LICENCE B0080
- LICENCE B0081
- LICENCE B0082
- LICENCE B0083
- LICENCE B0084
- LICENCE B0085

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE

- LEASE A0068

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 JULY 06 PUBLIC OFFERING NOTICE

TSH003301		TRUMPETER SWAN HABITAT	
		LAND DESCRIPTION	
LEASE	A0050	6-09-069:	3SEP
		6-09-069:	3SW
LEASE	A0053	6-07-073:	7SP
LEASE	A0057	6-12-073:	35SEP
LEASE	A0058	5-25-074:	35NEP
LEASE	A0060	6-10-074:	2WP
LEASE	A0062	6-13-074:	13NWP
LEASE	A0065	6-12-075:	7SP,NWP
		6-12-075:	7NE
LICENCE	B0076	5-13-060:	28NWP; 29NP; 30NEP; 31P
		5-13-060:	32; 33P
		5-13-061:	4WP
		5-13-061:	5NP,SE,SWP
LICENCE	B0077	5-13-060:	28NWP; 29NP; 30NEP; 31P
		5-13-060:	32; 33P
		5-13-061:	4WP
		5-13-061:	5NP,SE,SWP

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT. Specific area biologist contact information can be found at www.esrd.alberta.ca and then searching for 'Wildlife Management Area Contacts'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

END