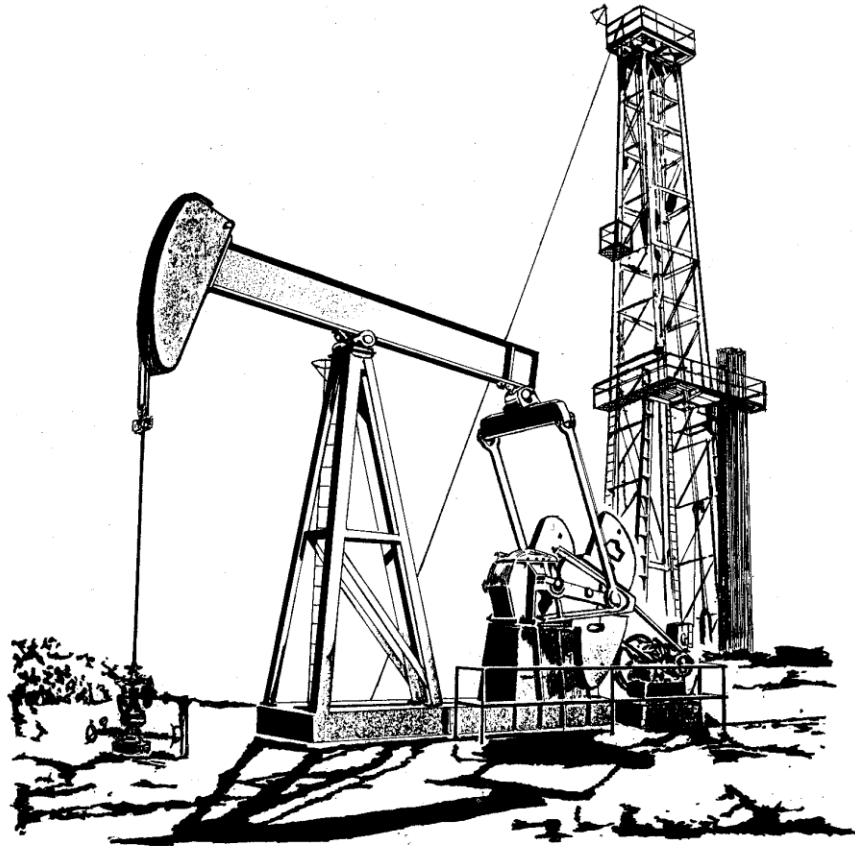


2018 OCTOBER 31

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2018.10.31

	From	To	Total	Area
LEASES:	A0002	A0037	36	38,756.0000 ha.
LICENCES:	B0038	B0054	17	9,472.0000 ha.
			-----	
			53	48,228.0000 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 2018 October 31**.

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 31** 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.

2018 OCTOBER 31

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0002	256	4-05-021: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE TOP OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0003	128	4-10-024: 35E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0004	128	4-24-029: 7S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0005	256	4-28-033: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0006	256	4-14-036: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0007	64	4-22-036: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE NISKU FM	(DRRZD 39) (DRRZD 23)
A0008	128	TRACT ONE 4-22-036: 10SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		TRACT TWO 4-22-036: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0009	256	4-22-036: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0010	64	4-22-036: 11SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM	(DRRZD 4) (DRRZD 23)
A0011	64	4-22-036: 11NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM	(DRRZD 4) (DRRZD 23)
A0012	64	4-28-043: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)

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LEASE	HECTARES	LAND DESCRIPTION	
A0013	256		
		TRACT ONE	4-08-047: 14S,NW PETROLEUM AND NATURAL GAS
		TRACT TWO	4-08-047: 14NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0014	256		
			4-08-047: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)
A0015	256		
			4-08-047: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)
A0016	256		(HRV003602)
			5-04-047: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39) TO THE BASE OF THE DUVERNAY-MAJEAU LAKE FM (DRRZD 287) EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM (DRRZD 3)
A0017	256		
			4-23-048: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0018	320		(PNA005901)
			5-02-049: 29; 32NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM (DRRZD 57)
A0019	48		
			4-01-050: 28L11,L12,L14 PETROLEUM AND NATURAL GAS
A0020	192		(ADM001801) (SHA006701)
			4-07-060: 4N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0021	128		
			4-21-063: 7W PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP (DRRZD 284)
A0022	128		
			4-22-063: 25S PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP (DRRZD 284)
A0023	512		(ADM001801) (IRS001902) (IRS002502) (SHA006701)
			4-07-066: 6 4-08-066: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)

2018 OCTOBER 31

LEASE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
A0024	256		(SHA008001)
	TRACT ONE	5-13-062: 32S PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-13-062: 32NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT THREE	5-13-062: 32NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0025	256		(ESZ000301) (SHA006701) (SHA008201)
		6-04-063: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
A0026	256		
	TRACT ONE	6-08-072: 17S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
	TRACT TWO	6-08-072: 17NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		TO THE BASE OF THE DOIG FM	(DRRZD 251)
A0027	256		
		6-08-072: 20NE; 21S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
A0028	64		(PRP005101)
		5-06-074: 26NE PETROLEUM AND NATURAL GAS	
A0029	4096		(IRS000201) (SHA006701) (SHA007001) (TSH003401) (TSH003501)
		5-26-076: 10-16; 17E,WF; 20E,WF; 21-24; 28; 29E,WF; 32E,WF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)
A0030	3700		(IRS000201) (SHA006701) (SHA007001) (TSH003401) (TSH003501)
	TRACT ONE	5-26-076: 10-16; 17E,WF; 20E,WF; 22-24; 28; 29E,WF; 32E,WF PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLOY FM	(DRRZD 32)
	TRACT TWO	5-26-076: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TO THE BASE OF THE BELLOY FM	(DRRZD 32)

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LEASE	HECTARES	LAND DESCRIPTION	
A0031	3712		
		TRACT ONE	
		5-07-082: 6	
		5-08-081: 24; 25; 32-36	
		5-08-082: 1-5	
		PETROLEUM AND NATURAL GAS	
		TRACT TWO	
		5-07-081: 30W; 31	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0032	5568		(ADM011501)
		5-10-081: 4-10; 15N,SW; 16-22; 27-30	
		5-11-081: 1; 12; 13	
		PETROLEUM AND NATURAL GAS	
A0033	5376		
		5-08-083: 5-8; 17; 18	
		5-09-082: 34-36	
		5-09-083: 1-4; 9-16	
		PETROLEUM AND NATURAL GAS	
A0034	4608		(ADM011501)
			(TSH003401)
			(TSH003501)
		5-11-082: 16; 19-21; 28-33	
		5-12-082: 25-28; 33-36	
		PETROLEUM AND NATURAL GAS	
A0035	5888		(ADM011501)
			(TSH003401)
			(TSH003501)
		5-10-083: 5-8; 17-20	
		5-11-083: 1-5; 8-17	
		PETROLEUM AND NATURAL GAS	
A0036	256		(ADM001901)
		5-23-084: 3	
		PETROLEUM AND NATURAL GAS	
A0037	192		(SHA006701)
			(SHA008401)
		5-25-094: 5S,NW	
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
36	38,756.00	HA TOTALS	<b>END</b>

2018 OCTOBER 31

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0038	1024		
	TRACT ONE	5-10-052: 24; 26 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-10-052: 36 5-10-053: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0039	1280		
	TRACT ONE	5-11-052: 15 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(ZD 3092-1)
	TRACT TWO	5-11-052: 23 PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP	(DRRZD 4)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT THREE	5-11-052: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
		EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(ZD 3092-1)
	TRACT FOUR	5-11-052: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(ZD 3092-1)
	TRACT FIVE	5-11-052: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0040	512		(SHA008001)
		5-13-062: 20; 29 PETROLEUM AND NATURAL GAS	
B0041	768		(SHA006701) (SHA008001)
	TRACT ONE	5-13-062: 31 5-13-063: 5 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-14-062: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
B0042	768		
		6-01-065: 23; 24; 26 PETROLEUM AND NATURAL GAS	
B0043	512		
		6-04-067: 6 6-05-066: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)

2018 OCTOBER 31

LICENCE	HECTARES	LAND DESCRIPTION	
B0044	1024	6-06-066: 10; 11; 14; 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0045	256	6-05-067: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0046	256	6-05-067: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0047	256	6-05-067: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0048	256	6-05-067: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0049	512	5-26-068: 13; 24 PETROLEUM AND NATURAL GAS	(IRS000201) (SHA006701) (TSH003501)
B0050	256	6-05-068: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(ESZ000101) (SHA006701) (DRRZD 264)
B0051	256	6-05-068: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(ESZ000101) (SHA006701) (TSH003401) (TSH003501) (DRRZD 264)
B0052	256	5-14-073: 13 PETROLEUM AND NATURAL GAS	
B0053	768	TRACT ONE 6-09-079: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
		TRACT TWO 6-09-079: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
		TRACT THREE 6-09-079: 15S 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 FOUR 6-09-079: 15N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE MONTNEY FM	(DRRZD 247) (DRRZD 264)



2018 OCTOBER 31

LICENCE	HECTARES	LAND DESCRIPTION
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B0054	512	6-09-079: 13; 24 PETROLEUM AND NATURAL GAS
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17	9,472.00	HA TOTALS
		<b>END</b>

ZONE DESIGNATIONS APPLICABLE TO THE 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

ZD: 3092-1

ZONE: 3113 L MANNVILLE - ROCK CREEK

INTERVAL: 6724.00 - 6890.00 FEET

KEY WELL: 00/07-10-052-11W5/0

LOG TYPE: BOREHOLE COMPENSATED SONIC

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END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 OCTOBER 31 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: 12                  ZONE: 1640    MEDICINE HAT SD  
  
INTERVAL: 1312.00 - 1582.00 FEET  
KEY WELL: 00/06-30-014-04W4/0  
LOG TYPE: INDUCTION GAMMA RAY

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DRRZD: 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: 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: 38                  ZONE: 1920    DUNVEGAN FM  
  
INTERVAL: 2566.00 - 3038.00 FEET  
KEY WELL: 00/11-04-074-05W6/0  
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: 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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

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: 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: 280                    ZONE: 1060   EDMONTON GRP  
  
INTERVAL: 335.00 - 962.00 METRES  
KEY WELL: 00/06-24-044-04W5/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

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DRRZD: 284                    ZONE: 7635   ELK POINT GRP  
  
INTERVAL: 783.00 - 1370.00 METRES  
KEY WELL: 02/06-13-063-08W4/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

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DRRZD: 287                    ZONE: 7285   DUVERNAY-MAJEAU LAKE FM  
  
INTERVAL: 3274.00 - 3334.00 METRES  
KEY WELL: 00/03-32-063-22W5/0  
LOG TYPE: COMPENSATED NEUTRON LITHOLOGY DENSITY

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END

## ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

**ADM001801 COLD LAKE OIL SANDS DESIGNATED AREA**

LEASE A0020  
LEASE A0023

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 A0036

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 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

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

LAND DESCRIPTION  
LEASE A0032 5-11-081: 1; 12; 13  
LEASE A0034  
LEASE A0035 5-11-083: 1-5; 8-17

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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**ESZ000101 EASTERN SLOPES POLICY ZONE 2**

LICENCE B0050  
LICENCE B0051

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**ESZ000301 EASTERN SLOPES POLICY ZONE 4**

LAND DESCRIPTION  
LEASE A0025 6-04-063: 36SEP

ALL LAND(S) IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

**HRV003602 HISTORIC RESOURCES VALUE 2**

LAND DESCRIPTION  
LEASE A0016 5-04-047: 25L15,L16

ALL LAND(S) IS/ARE WITHIN A HERITAGE 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

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**IRS000201 STURGEON LAKE-PUSKWASKAU EAST**

LAND DESCRIPTION  
LEASE A0029 5-26-076: 10P; 11P; 16P; 17SWP,NEP  
LEASE A0030 5-26-076: 10P; 11P; 16P; 17EP  
LICENCE B0049

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

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**IRS001902 LAKELAND IRP - RESOURCE MANAGEMENT AREA D**

LAND DESCRIPTION  
LEASE A0023 4-07-066: 6NP  
4-08-066: 1NEP

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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

LAND DESCRIPTION  
LEASE A0023 4-07-066: 6S,NP  
4-08-066: 1S,NW,NEP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

**PNA005901 TELFORDVILLE**  
LAND DESCRIPTION  
LEASE A0018 5-02-049: 29NE

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:  
DEBORAH JOHNSTONE  
PLANNING AND LAND USE TECHNOLOGIST  
TOURISM, PARKS AND RECREATION  
PARKS AND PROTECTED AREAS DIVISION  
9820 106 ST NW FLOOR 2  
EDMONTON AB T5K 2J6 (780) 644-5357

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**PRP005101 LESSER SLAVE LAKE**  
LEASE A0028

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

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**SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES**  
LAND DESCRIPTION  
LEASE A0020 4-07-060: 4SEP,NWP  
LEASE A0023  
LEASE A0025 6-04-063: 36S,NWP,NE  
LEASE A0029 5-26-076: 10-12; 13SP; 14SP,NWP; 15S,NP; 16S,NP; 17S,NP  
LEASE A0030 5-26-076: 10-12; 13SP; 14SP,NWP; 15S,NP; 16S,NP; 17S,NP  
LEASE A0037 5-25-094: 5NWP  
LICENCE B0041 5-14-062: 25SP,NWP  
LICENCE B0049 5-26-068: 13EP,W; 24EP,W  
LICENCE B0050 6-05-068: 1E,WP  
LICENCE B0051

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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

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**SHA007001 SPECIAL ACCESS ZONE**  
LAND DESCRIPTION  
LEASE A0029 5-26-076: 13SP,N; 14SP,NWP,NE; 15NP; 16NP; 17NP; 20S,NP;  
21-24; 28N,SE,SWP; 29NP,SEP; 32  
LEASE A0030 5-26-076: 13SP,N; 14SP,NWP,NE; 15NP; 16NP; 17NP; 20S,NP;  
21-24; 28N,SE,SWP; 29NP,SEP; 32

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 31 PUBLIC OFFERING NOTICE

**SHA008001 SWAN HILLS GRIZZLY BEAR ZONE**

LEASE A0024  
LICENCE B0040  
LICENCE B0041

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE**

LEASE A0025

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**SHA008401 CHINCHAGA GRIZZLY BEAR ZONE**

LEASE A0037

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER**

	LAND DESCRIPTION
LEASE A0029	5-26-076: 32WP
LEASE A0030	5-26-076: 32SP
LEASE A0034	5-11-082: 16P; 19P; 20P; 21P; 31P; 32P 5-12-082: 27P; 28; 33P; 34P; 35P; 36P
LEASE A0035	5-10-083: 5P; 6P; 7P; 8P; 17P; 18P 5-11-083: 1P; 2P; 3P; 4P; 5P; 8P; 9P; 10P; 11P; 12P; 16P; 17P
LICENCE B0051	6-05-068: 12P

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2018 OCTOBER 31 PUBLIC OFFERING NOTICE

TSH003501	TRUMPETER SWAN HABITAT 800m BUFFER
	LAND DESCRIPTION
LEASE A0029	5-26-076: 32SP
LEASE A0030	5-26-076: 32SEP,NWP
LEASE A0034	5-11-082: 16P; 19P; 20P; 21P; 31P; 32P; 33P
	5-12-082: 27P; 28; 33P; 34P; 35P; 36P
LEASE A0035	5-10-083: 5P; 6P; 7P; 8P; 17P; 18P
	5-11-083: 1P; 2P; 3P; 4P; 5P; 8P; 9P; 10P; 11P; 12P; 13P;
	14P; 16P; 17P
LICENCE B0049	5-26-068: 13P
LICENCE B0051	6-05-068: 12P

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

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END