

2013 JUNE 19

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2013.06.19

	From	To	Total	Area
LEASES:	A0126	A0168	43	10,459.4960 ha.
LICENCES:	B0169	B0191	23	70,528.0000 ha.

			66	80,987.4960 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 2013 June 19**.

HOW TO SUBMIT BIDS

1. E-Bidding is mandatory for the submission of bids for petroleum and natural gas leases and licences.
2. Bid requests must be submitted using the Department of Energy's Electronic Transfer System (ETS).

AMOUNT OF PAYMENT

1. Your total bid includes the bonus, rent at \$3.50/ha or \$50.00, whichever is greater, and a fee of \$625.00.
2. A bonus offer of less than \$2.50/ha for a lease or \$1.25/ha for a licence will not be considered.
3. The department reserves the right to reject any bid.

FORM OF PAYMENT

1. Payments must be made by electronic funds transfer (EFT) only.
2. Companies and individuals that do not have a GST registration number are liable for payment of the Goods and Services Tax on various charges. All registrants must ensure that they provide their GST registration number in writing to the Financial Services Branch @ Fax No. (780) 422-4281.

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account by noon on the day of the sale. It can take up to midnight on the day following the sale to see your funds debited from your bank account for an accepted bid.
2. Requesters of parcels posted in this public offering are expected to bid on their parcels. If you are a requester of a parcel and fail to bid, you will be charged a penalty of \$625.00 (plus GST) for each parcel unless it is purchased by someone else.
3. Attached to this notice are APPENDIX 1 and APPENDIX 2 containing applicable Zone Designations (ZDs) and Deeper Rights Reversion Zone Designations (DRRZDs) respectively (See IL 98-14), and APPENDIX 3 containing, where necessary, addenda relating to surface access and terms and conditions for acquisition of parcels within Metis Settlements (See IL 92-19).
4. Addenda do not cover every access situation. Before bidding ensure that the public land manager is contacted for specific access constraints and for standard operating guidelines for that region. On privately owned lands, access approval is a confidential matter between the landowner and the mineral lessee.
5. The Government of Alberta's "*First Nations Consultation Policy on Land Management and Resource Development*" may apply to surface activities proposed as a result of acquiring Crown mineral rights. For information contact SREM Aboriginal Affairs Branch, Alberta Energy and Environment and Sustainable Resource Development at 780-644-8734.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2013 June 19** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

2013, JUNE 19

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0126	128	4-21-013: 14N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0127	256	4-21-013: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0128	256	4-21-013: 21 PETROLEUM AND NATURAL GAS	
A0129	256	4-21-013: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE BOW ISLAND SD	(DRRZD 39) (DRRZD 8)
A0130	512	4-22-013: 32;33 PETROLEUM AND NATURAL GAS	
A0131	768	TRACT ONE 4-14-025: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 4-14-024: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD	(DRRZD 48)
		TRACT THREE 4-14-024: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0132	704	TRACT ONE 4-14-025: 2S;3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		TRACT TWO 4-14-024: 26NE;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0133	256	4-04-034: 17 PETROLEUM AND NATURAL GAS	
A0134	256	4-04-034: 20 PETROLEUM AND NATURAL GAS	
A0135	64	4-03-038: 30NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

2013, JUNE 19

LEASE	HECTARES	LAND DESCRIPTION	
A0148	256	4-06-053: 22 PETROLEUM AND NATURAL GAS	(ADM001801)
--- NORTHERN REGION ---			
A0149	256	5-07-044: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0150	64	5-05-050: 23SE PETROLEUM AND NATURAL GAS	
A0151	64	5-05-050: 23NE PETROLEUM AND NATURAL GAS	
A0152	64	5-05-050: 26SE PETROLEUM AND NATURAL GAS	
A0153	64	5-05-050: 26NE PETROLEUM AND NATURAL GAS	
A0154	256	5-06-052: 11 PETROLEUM AND NATURAL GAS	
A0155	128	5-10-053: 19N PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0156	256	5-06-054: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE BANFF FM	(DRRZD 39) (DRRZD 57)
A0157	128	5-18-057: 31S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0158	256	5-07-058: 25 PETROLEUM AND NATURAL GAS	
A0159	256	5-07-059: 9 PETROLEUM AND NATURAL GAS	(GZR002101)
A0160	256	5-07-059: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0161	256	6-06-061: 12 PETROLEUM AND NATURAL GAS	(CRG002101)
A0162	64	6-07-062: 5SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHINOOK MBR	(DRRZD 77)

2013, JUNE 19

LEASE	HECTARES	LAND DESCRIPTION	
A0163	256	5-21-063: 9 PETROLEUM AND NATURAL GAS	
A0164	128	5-21-078: 8E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(ADM001901) (DRRZD 111)
A0165	512	5-23-079: 13;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(ADM001901) (DRRZD 42)
A0166	256	5-25-081: 12 PETROLEUM AND NATURAL GAS	(ADM001901) (WPP002101)
A0167	256	6-10-088: 33 PETROLEUM AND NATURAL GAS	(CRG001701)
A0168	256	6-10-088: 34 PETROLEUM AND NATURAL GAS	(CRG001701)
43	10,459.50	HA TOTALS	END

2013, JUNE 19

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0169	384	5-10-053: 7E;8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0170	512		(PRA020501)
	TRACT ONE	5-11-053: 30NW;31S PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT TWO	5-11-053: 31N 5-11-054: 6S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE NORDEGG MBR	(DRRZD 280) (DRRZD 66)
	TRACT THREE	5-11-053: 30NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
B0171	512	5-11-053: 32;33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0172	256	5-16-056: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(BWP001802) (DRRZD 21)
B0173	256	5-21-060: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
B0174	256	5-21-060: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0175	512		
	TRACT ONE	6-04-061: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	6-04-061: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0176	256	6-05-061: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0177	8192		(ADM001901)
	TRACT ONE	5-18-078: 5-18;19W;20;21;24-26;29-32;34-36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-18-078: 19E;22;23;28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-18-078: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)
B0178	8192		(ADM001901) (TSH003301)
	TRACT ONE	5-17-079: 8;17-20 5-18-079: 4;5;7;8;15;18-23;25-27 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-17-079: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
	TRACT THREE	5-18-079: 1-3;9;10;16;17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT FOUR	5-18-079: 11-14;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0179	8192		(ADM001902) (TSH003301)
	TRACT ONE	5-11-081: 29-35 5-11-082: 4-9;16-21;28-33 5-11-083: 5 5-12-082: 12;13;24;25;36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-12-082: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 174)
B0180	8192		(ADM001902) (TSH003301)
		5-10-082: 4-9;17-20;29-32 5-11-082: 1-3;10-15;22-27;34-36 PETROLEUM AND NATURAL GAS	
B0181	8192		(TSH003301)
		5-07-083: 2-11;14-23 5-08-083: 1-3;10-15;22-24 PETROLEUM AND NATURAL GAS	
B0182	8192		(ADM001902) (TSH003301)
		5-10-083: 27-34 5-10-084: 3-10 5-11-083: 25-28;33-36 5-11-084: 1-4;9-12 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0183	8192		(CRG001501)
	TRACT ONE	5-07-084: 15-22;27-34 5-07-085: 3-10;15-21 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-07-085: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
B0184	7168		(ADM001902) (TSH003301)
		5-10-084: 17-20;29-32 5-11-084: 13-18;20-29;33-36 PETROLEUM AND NATURAL GAS	
B0185	256		(CRG002001)
		5-22-120: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
--- FOOTHILLS REGION ---			
B0186	512		
	TRACT ONE	6-05-059: 10 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-05-059: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0187	512		
	TRACT ONE	6-05-059: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-05-059: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0188	256		
		6-04-060: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
B0189	512		
	TRACT ONE	6-06-060: 25 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-05-060: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR	(DRRZD 77)
B0190	768		(CRG002101)
		6-06-060: 13;23;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR	(DRRZD 77)
B0191	256		(CRG002101)
		6-07-061: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
23	70,528.00	HA TOTALS	END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2,557.00 - 2,985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 6 ZONE: 2140 VIKING FM

INTERVAL: 2,600.00 - 2,680.00 FEET
KEY WELL: 00/10-10-042-14W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 8 ZONE: 2130 BOW ISLAND SD

INTERVAL: 2,140.00 - 2,472.00 FEET
KEY WELL: 00/11-31-011-10W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 12 ZONE: 1640 MEDICINE HAT SD

INTERVAL: 1,312.00 - 1,582.00 FEET
KEY WELL: 00/06-30-014-04W4/0
LOG TYPE: INDUCTION GAMMA RAY

DRRZD: 18 ZONE: 7580 SLAVE POINT FM

INTERVAL: 4,196.00 - 4,336.00 FEET
KEY WELL: 00/02-17-088-08W5/0
LOG TYPE: GAMMA RAY-ACOUSTIC

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 2,754.00 - 3,043.00 FEET
KEY WELL: 00/10-32-081-01W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2,004.00 - 3,138.00 FEET
KEY WELL: 00/11-03-078-01W6/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 32 ZONE: 5560 BELLOY FM

INTERVAL: 2,883.00 - 3,105.00 FEET
KEY WELL: 00/10-24-078-19W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 6,948.00 - 7,042.00 FEET
KEY WELL: 00/10-07-062-19W5/0
LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 1,688.00 - 2,453.00 FEET
KEY WELL: 00/07-18-032-22W4/0
LOG TYPE: INDUCTION ELECTRICAL

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

DRRZD: 40 ZONE: 2280 PEACE RIVER FM

INTERVAL: 3,760.00 - 4,008.00 FEET
KEY WELL: 00/07-09-076-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 42 ZONE: 6120 DEBOLT FM

INTERVAL: 4,444.00 - 5,294.00 FEET
KEY WELL: 00/10-11-080-03W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 48 ZONE: 2420 BASAL COLORADO SD

INTERVAL: 3,004.00 - 3,024.00 FEET
KEY WELL: 00/06-27-025-12W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 57 ZONE: 6440 BANFF FM

INTERVAL: 4,247.00 - 4,776.00 FEET
KEY WELL: 00/02-24-056-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 66 ZONE: 4440 NORDEGG MBR

INTERVAL: 5,610.00 - 5,670.00 FEET
KEY WELL: 00/10-12-055-09W5/0
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

DRRZD: 77 ZONE: 1540 CHINOOK MBR

INTERVAL: 4,532.00 - 4,656.00 FEET
KEY WELL: 00/11-27-064-09W6/0
LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 111 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2,773.00 - 2,964.00 FEET
KEY WELL: 00/15-25-080-23W5/0
LOG TYPE: ELECTRICAL

DRRZD: 174 ZONE: 6420 PEKISKO FM

INTERVAL: 6,468.00 - 6,654.00 FEET
KEY WELL: 00/10-27-067-22W5/0
LOG TYPE: ELECTRICAL

DRRZD: 274 ZONE: 2030 FISH SCALE-WESTGATE

INTERVAL: 1,420.00 - 1,594.00 FEET
KEY WELL: 00/11-05-045-01W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 276 ZONE: 4140 FERNIE GRP

INTERVAL: 2,048.00 - 2,151.00 METRES
KEY WELL: 00/13-01-074-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

DRRZD: 277 ZONE: 6580 WABAMUN GRP
INTERVAL: 10,452.00 - 11,198.00 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 2013, JUNE 19 PUBLIC OFFERING NOTICE

ADM001801

LEASE A0147
LEASE A0148

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:

GRACE MATIAS
DIRECTOR
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9395

ADM001901

LEASE A0164
LEASE A0165
LEASE A0166
LICENCE B0177
LICENCE B0178

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:

GRACE MATIAS
DIRECTOR
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9395

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

ADM001902 LAND DESCRIPTION
LICENCE B0179
LICENCE B0180 5-11-082: 1-3;10-15;22-27;34-36
LICENCE B0182 5-11-083: 25-28;33-36
5-11-084: 1-4;9-12
LICENCE B0184 5-11-084: 13-18;20-29;33-36

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:
GRACE MATIAS
DIRECTOR
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9395

BWP001802 LAND DESCRIPTION
LICENCE B0172 5-16-056: 22NE

IS/ARE WITHIN A "BUCK FOR WILDLIFE" PROJECT AREA.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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

CRG001501 LAND DESCRIPTION
LICENCE B0183 5-07-084: 18NWP;19SP,N;20NP,SWP;21NP;27SP,N;28N,SEP,
SW;29-34
5-07-085: 3-10;15-22

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
TERRY KOSINSKI
WILDLIFE BIOLOGIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
RESOURCE STATUS & ASSESSMENT BRANCH
6909 116 ST NW FLOOR 7
EDMONTON AB T6H 4P2 (780) 427-3574

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

CRG001701

LEASE A0167
LEASE A0168

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI
WILDLIFE BIOLOGIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
RESOURCE STATUS & ASSESSMENT BRANCH
6909 116 ST NW FLOOR 7
EDMONTON AB T6H 4P2 (780) 427-3574

CRG002001

LICENCE B0185

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI
WILDLIFE BIOLOGIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
RESOURCE STATUS & ASSESSMENT BRANCH
6909 116 ST NW FLOOR 7
EDMONTON AB T6H 4P2 (780) 427-3574

CRG002101

LAND DESCRIPTION

LEASE A0161 6-06-061: 12SP,NW,NEP
LICENCE B0190 6-06-060: 27N,SEP,SW
LICENCE B0191

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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WILDLIFE BIOLOGIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
RESOURCE STATUS & ASSESSMENT BRANCH
6909 116 ST NW FLOOR 7
EDMONTON AB T6H 4P2 (780) 427-3574

GZR002101

LEASE A0159

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

APPENDIX 3

PAGE 4

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

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

PFC000201 LAND DESCRIPTION
LEASE A0136 4-21-040: 8SP,NWP

IS/ARE WITHIN A PROPOSED LAKE STABILIZATION PROJECT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ROBERT SHORTEN
LAND MANAGEMENT TECHNOLOGIST
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
WATER MANAGEMENT OPERATIONS
4920 51 ST SUITE 304
RED DEER AB T4N 6K8 (403) 340-7134

PRA020501 LAND DESCRIPTION
LICENCE B0170 5-11-053: 30NEP

IS/ARE WITHIN A 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
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

TSH003301 LAND DESCRIPTION
LICENCE B0178 5-18-079: 7NP, SEP, SW; 18SWP
LICENCE B0179 5-11-082: 4NP; 5SP, NW, NEP; 6P; 7-9; 16SP, NWP; 17; 18S, NWP,
NE; 19SP, NEP; 20S, NP; 21WP; 31EP; 32SP, NW, NEP;
33NWP
5-11-083: 5E, WP
5-12-082: 1SP, NWP, NE; 12; 13S, NP; 24SWP; 36NP, SWP
LICENCE B0180 5-10-082: 5NP, SWP; 6NP, SEP; 7E, WP; 8SP, NW, NEP; 9NP; 17P;
18SP, NEP; 20SEP
5-11-082: 3NP; 10EP, W; 12EP; 15SP; 35NP, SEP; 36NP, SWP
LICENCE B0181 5-07-083: 20NP; 21NP; 22NWP
LICENCE B0182 5-10-083: 29NWP; 30NP; 31S, NW, NEP; 32WP
5-10-084: 6SP; 7NP
5-11-083: 25P; 26NEP; 35EP; 36
5-11-084: 1SP; 2SEP
LICENCE B0184 5-10-084: 17WP; 18P; 19P; 20SWP; 30NWP; 31P
5-11-084: 13EP; 20NP; 21NWP; 25NP; 28WP; 29S, NW, NEP; 36SP,
NEP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR "WILDLIFE MANAGEMENT AREA CONTACTS".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JUNE 19 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI
WILDLIFE BIOLOGIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
RESOURCE STATUS & ASSESSMENT BRANCH
6909 116 ST NW FLOOR 7
EDMONTON AB T6H 4P2 (780) 427-3574

WLT001001 LAND DESCRIPTION
LEASE A0136 4-21-040: 8NP,SEP,SW

IS/ARE WITHIN A "WETLANDS FOR TOMORROW" PROJECT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

REG RUSSELL
WILDLIFE TECHNICIAN
RED DEER OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
4911 51 ST SUITE 404
RED DEER AB T4N 6V4 (403) 340-7700

WPP002101 LAND DESCRIPTION
LEASE A0166 5-25-081: 12EP

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
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

END