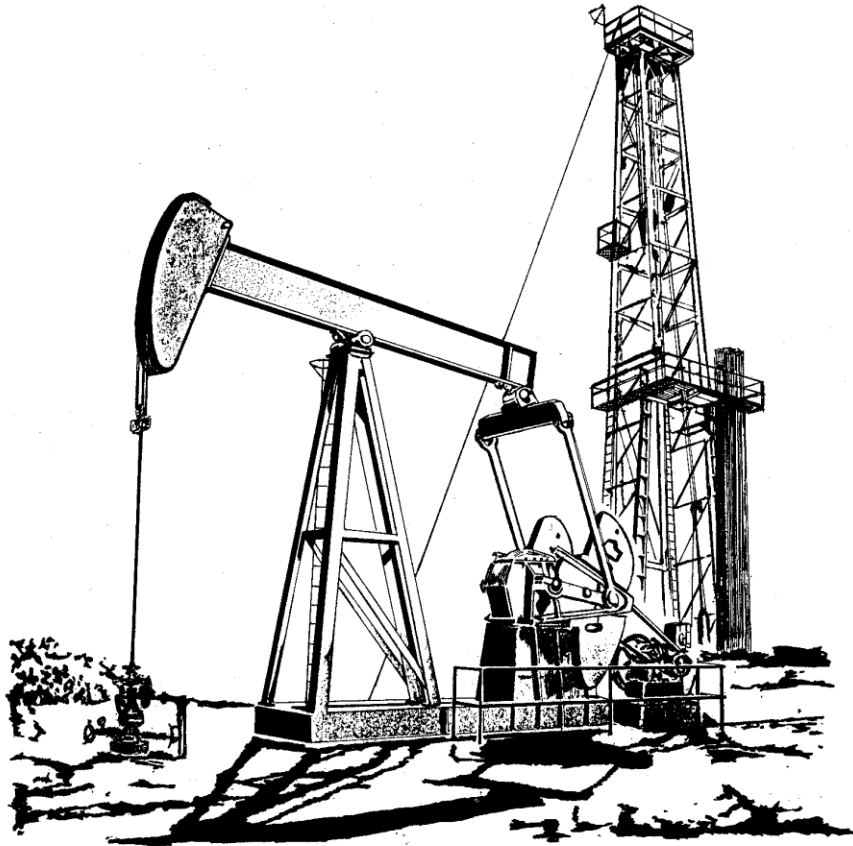


2013 OCTOBER 09

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



*Alberta*   
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2013.10.09

From	To	Total	Area
LEASES: A0001	A0063	63	18,480.0000 ha.
LICENCES: B0064	B0076	13	3,584.0000 ha.
		-----	
		76	22,064.0000 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 2013 October 09**.

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 October 09** 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, OCTOBER 09

LEASE	HECTARES	LAND DESCRIPTION
--- PLAINS REGION ---		
A0001	1152	
	TRACT ONE	4-17-001: 16N,SW;17;21 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-17-001: 9;10W;16SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM (DRRZD 236)
A0002	384	
	TRACT ONE	4-17-002: 6 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-17-002: 7S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD (DRRZD 8)
A0003	1024	
	TRACT ONE	4-14-003: 19;29 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-14-003: 20;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 273)
A0004	1024	
		4-14-003: 21-24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 273)
A0005	1344	
		4-14-003: 25;26NE;35;36 4-14-004: 1;2 PETROLEUM AND NATURAL GAS
A0006	1280	
	TRACT ONE	4-14-003: 33;34 4-14-004: 3 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-14-003: 27;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 273)
A0007	1280	
		(HRV000402)
	TRACT ONE	4-15-003: 22-24 PETROLEUM AND NATURAL GAS
	TRACT TWO	4-15-003: 25;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 273)
A0008	256	
		4-14-007: 25 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SAWTOOTH FM (DRRZD 20)
A0009	256	
		4-03-023: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM (DRRZD 11)

2013, OCTOBER 09

LEASE	HECTARES	LAND DESCRIPTION	
A0010	64	4-04-023: 13SE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2028)
A0011	64	4-04-023: 13NW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2028)
A0012	64	4-04-023: 13NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2028)
A0013	64	4-04-023: 14NW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2028)
A0014	64	4-04-023: 14NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2028)
A0015	256	4-04-023: 36 PETROLEUM AND NATURAL GAS	
A0016	256	4-02-024: 7 PETROLEUM AND NATURAL GAS	
A0017	256	4-03-024: 4 PETROLEUM AND NATURAL GAS	
A0018	256	4-02-025: 32 PETROLEUM AND NATURAL GAS	
A0019	256	4-02-026: 4 PETROLEUM AND NATURAL GAS	
A0020	256	4-02-026: 11 PETROLEUM AND NATURAL GAS	
A0021	256	4-07-027: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0022	256	4-07-027: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0023	256	4-08-027: 36 PETROLEUM AND NATURAL GAS	
A0024	256	4-26-038: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0025	256	4-03-039: 10 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0026	256	4-23-040: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0027	256	4-23-040: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0028	256	4-21-043: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0029	256	4-21-043: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0030	256	4-21-043: 20 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE EDMONTON GRP	(DRRZD 280)
A0031	64	4-06-049: 11NE PETROLEUM AND NATURAL GAS	
A0032	64	4-06-049: 12SE PETROLEUM AND NATURAL GAS	
A0033	64	4-06-049: 12NW PETROLEUM AND NATURAL GAS	
A0034	256	4-06-049: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0035	16	4-01-050: 20L4 PETROLEUM AND NATURAL GAS	
A0036	256	5-04-050: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0037	640	5-04-050: 27W;28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0038	112	4-04-051: 36SE, L9, L10, L15 PETROLEUM AND NATURAL GAS	
A0039	48	4-04-051: 36L3, L6, L11 PETROLEUM AND NATURAL GAS	

2013, OCTOBER 09

LEASE	HECTARES	LAND DESCRIPTION
--- NORTHERN REGION ---		
A0040	384	
	TRACT ONE	5-13-046: 23SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE NISKU FM (DRRZD 79) EXCEPTING NATURAL GAS IN THE L SANDSTONE OF L BLAIR (ZD 317) EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA (ZD 317) EXCEPTING NATURAL GAS IN THE WINTERBURN GRP (ZD 3408)
	TRACT TWO	5-13-046: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NISKU FM (DRRZD 79) EXCEPTING NATURAL GAS IN THE L SANDSTONE OF L BLAIR (ZD 317) EXCEPTING NATURAL GAS IN THE ROCK CREEK MBR (ZD 3408-A) EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA (ZD 317) EXCEPTING NATURAL GAS IN THE WINTERBURN GRP (ZD 3408)
	TRACT THREE	5-13-046: 23NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR (DRRZD 60) EXCEPTING NATURAL GAS IN THE L SANDSTONE OF L BLAIR (ZD 317)
A0041	64	5-15-047: 31SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM (DRRZD 3) (TSH003301)
A0042	256	5-14-048: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE BLUESKY-BULLHEAD (DRRZD 21)
A0043	64	5-12-053: 7SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR (DRRZD 60)
A0044	64	5-12-053: 7SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE ROCK CREEK MBR (DRRZD 60)
A0045	64	5-12-053: 7NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR (DRRZD 60)
A0046	64	5-12-053: 7NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR (DRRZD 60)
A0047	256	5-07-058: 15 PETROLEUM AND NATURAL GAS
A0048	256	5-07-058: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR (DRRZD 66)
A0049	256	5-07-059: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR (DRRZD 66)

2013, OCTOBER 09

LEASE	HECTARES	LAND DESCRIPTION	
A0050	64	4-20-068: 6SE PETROLEUM AND NATURAL GAS	
A0051	192	6-03-071: 7N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(TSH003301) (DRRZD 247)
A0052	128	5-25-072: 30N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0053	512	5-11-075: 26;27 PETROLEUM AND NATURAL GAS	
A0054	256	6-05-075: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0055	128	6-07-078: 1N PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0056	256	TRACT ONE 6-07-078: 14W PETROLEUM AND NATURAL GAS  TRACT TWO 6-07-078: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0057	128	5-22-079: 30N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ADM001901) (DRRZD 277)
A0058	64	6-09-080: 4NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0059	64	6-09-080: 8SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0060	256	4-16-102: 36 PETROLEUM AND NATURAL GAS	(ADM011601) (CRG001501)
--- Foothills Region ---			
A0061	256	TRACT ONE 5-04-021: 24N, SW, L1, L2, L7, L8N PETROLEUM AND NATURAL GAS  TRACT TWO 5-04-021: 24L8S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP	(DRRZD 27)

2013, OCTOBER 09

LEASE	HECTARES	LAND DESCRIPTION	
A0062	256	5-04-022: 4 PETROLEUM AND NATURAL GAS	
A0063	256	5-25-052: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 38) (DRRZD 21)
63	18,480.00	HA TOTALS	<b>END</b>



2013, OCTOBER 09

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0064	256	5-12-043: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(IR2000201)  (DRRZD 39) (DRRZD 4)
B0065	256	5-13-043: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(IR2000201)  (DRRZD 4)
B0066	256	5-13-043: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	  (DRRZD 4)
B0067	256	6-02-066: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	  (DRRZD 38)
B0068	256	6-06-070: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(PRP003101)  (DRRZD 21)
B0069	256	6-06-070: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(PRP003101)  (DRRZD 21)
B0070	256	6-06-070: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(PRP003101) (SIP000102)  (DRRZD 38) (DRRZD 21)
B0071	256	6-06-070: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(PRP003101) (SIP000102)  (DRRZD 21)
B0072	256	6-07-070: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	  (DRRZD 247)
B0073	256	6-07-070: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	  (DRRZD 21)
B0074	256	6-03-071: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	  (DRRZD 247)
B0075	256	6-03-071: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	  (DRRZD 247)

2013, OCTOBER 09

LICENCE	HECTARES	LAND DESCRIPTION	
B0076	512		
		TRACT ONE	
		6-03-071: 32	
		PETROLEUM AND NATURAL GAS	
		TRACT TWO	
		6-03-071: 29	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	
		SPIRIT RIVER FM	(DRRZD 22)
13	3,584.00	HA TOTALS	<b>END</b>

## ZONE DESIGNATIONS APPLICABLE TO THE 2013, OCTOBER 09 PUBLIC OFFERING NOTICE

ZD: 317                               ZONE: 3081 L SANDSTONE OF L BLAIR

INTERVAL: 9,560.00 - 9,645.00 FEET  
KEY WELL: 00/10-18-046-13W5/0  
LOG TYPE: INDUCTION ELECTRIC

ZONE: 6390 ELKTON-SHUNDA

INTERVAL: 9,884.00 - 10,109.00 FEET  
KEY WELL: 00/10-18-046-13W5/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 2028                               ZONE: 2140 VIKING FM

INTERVAL: 2,014.00 - 2,120.00 FEET  
KEY WELL: 00/10-01-023-04W4/0  
LOG TYPE: ELECTRICAL

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ZD: 3408                               ZONE: 6700 WINTERBURN GRP

INTERVAL: 11,069.00 - 11,519.00 FEET  
KEY WELL: 00/06-31-047-13W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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ZD: 3408-A                            ZONE: 4320 ROCK CREEK MBR

INTERVAL: 2,883.50 - 2,901.00 METRES  
KEY WELL: 00/02-30-047-13W5/0  
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, OCTOBER 09 PUBLIC OFFERING NOTICE

DRRZD: 3                    ZONE: 1700    CARDIUM FM  
  
INTERVAL: 6,303.00 - 6,436.00 FEET  
KEY WELL: 00/16-16-041-06W5/0  
LOG TYPE: ELECTRICAL

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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

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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

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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

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DRRZD: 11                   ZONE: 1580    MILK RIVER FM  
  
INTERVAL: 677.00 - 972.00 FEET  
KEY WELL: 00/15-02-014-05W4/0  
LOG TYPE: ELECTRICAL

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DRRZD: 20                   ZONE: 4280    SAWTOOTH FM  
  
INTERVAL: 3,109.00 - 3,176.00 FEET  
KEY WELL: 00/10-02-006-14W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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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

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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

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DRRZD: 27                   ZONE: 6100    RUNDLE GRP  
  
INTERVAL: 9,040.00 - 9,990.00 FEET  
KEY WELL: 00/05-25-029-09W5/0  
LOG TYPE: GAMMA RAY NEUTRON

AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
CONTINUITY  
WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL  
AND WHICH OCCUR IN  
WHOLE OR IN PART WITHIN ANY OTHER FAULT  
BLOCK.

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, OCTOBER 09 PUBLIC OFFERING NOTICE

DRRZD: 38                    ZONE: 1920    DUNVEGAN FM  
  
INTERVAL: 2,566.00 - 3,038.00 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: 1,688.00 - 2,453.00 FEET  
KEY WELL: 00/07-18-032-22W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 57                    ZONE: 6440    BANFF FM  
  
INTERVAL: 4,247.00 - 4,776.00 FEET  
KEY WELL: 00/02-24-056-05W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 60                    ZONE: 4320    ROCK CREEK MBR  
  
INTERVAL: 2,502.50 - 2,531.50 METRES  
KEY WELL: 00/10-35-049-13W5/2  
LOG TYPE: DUAL LATEROLOG

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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

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DRRZD: 79                    ZONE: 6960    NISKU FM  
  
INTERVAL: 8,324.00 - 8,730.00 FEET  
KEY WELL: 00/06-25-050-10W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 236                   ZONE: 6280    LIVINGSTONE FM  
  
INTERVAL: 971.00 - 1,108.00 METRES  
KEY WELL: 00/08-20-014-15W4/0  
LOG TYPE: DUAL INDUCTION SFL

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DRRZD: 247                   ZONE: 5080    CHARLIE LAKE FM  
  
INTERVAL: 2,372.00 - 2,448.50 METRES  
KEY WELL: 00/10-19-068-06W6/0  
LOG TYPE: DUAL INDUCTION SFL

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DRRZD: 255                   ZONE: 6440    BANFF FM  
  
INTERVAL: 2,690.00 - 2,892.00 METRES  
KEY WELL: 00/01-18-066-26W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 264                   ZONE: 5240    MONTNEY FM  
  
INTERVAL: 2,229.00 - 2,491.50 METRES  
KEY WELL: 00/06-32-076-11W6/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, OCTOBER 09 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

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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

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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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END





## ADDENDA AND CONTACTS APPLICABLE TO THE 2013, OCTOBER 09 PUBLIC OFFERING NOTICE

**ADM001901**

LEASE A0057

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:

DAVID WHEELER  
MANAGER  
ALBERTA DEPARTMENT OF ENERGY  
9945 108 ST  
EDMONTON AB T5K 2G6 (780) 644-3619

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**ADM011601**

LEASE A0060

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:

DAVID WHEELER  
MANAGER  
ALBERTA DEPARTMENT OF ENERGY  
9945 108 ST  
EDMONTON AB T5K 2G6 (780) 644-3619

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**CRG001501**

LEASE A0060

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

**APPENDIX 3**

**PAGE 2**

**ADDENDA AND CONTACTS APPLICABLE TO THE 2013, OCTOBER 09 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

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**HRV000402** LAND DESCRIPTION  
LEASE A0007 4-15-003: 22L13,L14

IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA. PURSUANT TO SEC. 37( 2) OF THE HISTORICAL RESOURCES ACT, AN HISTORICAL RESOURCES IMPACT ASSESSMENT MAY BE REQUIRED PRIOR TO CONDUCTING ANY SURFACE DISTURBANCE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

REBECCA TRAQUAIR  
ADMINISTRATIVE COORDINATOR  
CULTURE, DEPARTMENT OF  
HISTORIC RESOURCE MANAGEMENT BRANCH  
LAND USE PLANNING SECTION  
OLD ST STEPHEN'S COLLEGE  
8820 112 ST NW  
EDMONTON AB T6G 2P8 (780) 431-2373

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**IR2000201** LAND DESCRIPTION  
LICENCE B0064 5-12-043: 19SWP  
LICENCE B0065 5-13-043: 15SEP

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

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**IR2000601** LAND DESCRIPTION  
LEASE A0042 5-14-048: 21L16P

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE BRAZEAU-PEMBINA 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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, OCTOBER 09 PUBLIC OFFERING NOTICE

**PRP003101** LAND DESCRIPTION  
LICENCE B0068 6-06-070: 15NP  
LICENCE B0069 6-06-070: 15NP  
LICENCE B0070 6-06-070: 23SWP  
LICENCE B0071 6-06-070: 23SWP

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

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**SIP000102** LAND DESCRIPTION  
LICENCE B0070 6-06-070: 23NWP  
LICENCE B0071 6-06-070: 23NWP

IS/ARE WITHIN WAPITI-SAND DUNES LAND-USE ZONES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF HARTLEY  
PUBLIC LANDS OFFICER  
GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
10320 99 ST ROOM 2201  
PO BOX 14  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-8080

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**TSH003301** LAND DESCRIPTION  
LEASE A0041  
LEASE A0051 6-03-071: 7NP

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

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

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END