

2013 MARCH 20

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■  
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2013.03.20

From	To	Total	Area
LEASES: A0321	A0421	101	21,120.0000 ha.
LICENCES: B0422	B0473	52	76,259.1100 ha.
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		153	97,379.1100 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 March 20**.

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 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 Aboriginal Relations Business Unit, Alberta Energy at (780)427-5110.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2013 March 20** 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 January 23  
EDMONTON, Alberta

Christine Rudland - Manager  
P&NG Sales and Registrations

2013, MARCH 20

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0321	160	4-12-013: 5E,L12,L13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0322	256	4-12-013: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0323	256	TRACT ONE 4-12-013: 29SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-12-013: 29N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 13) (DRRZD 4)
A0324	64	4-09-020: 5NE PETROLEUM AND NATURAL GAS IN THE LOWER MANNVILLE FM	(ZD 3789)
A0325	64	5-02-027: 2SE PETROLEUM AND NATURAL GAS	
A0326	256	4-08-028: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
A0327	256	4-08-028: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
A0328	64	5-04-029: 21SE PETROLEUM AND NATURAL GAS	
A0329	256	4-12-031: 30 PETROLEUM AND NATURAL GAS	
A0330	128	4-16-031: 30N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0331	256	4-16-035: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0332	256	4-04-037: 6 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0333	64	4-04-037: 7SW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)

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LEASE	HECTARES	LAND DESCRIPTION	
A0334	64	4-04-037: 7NW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0335	64	4-04-037: 18SW PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0336	256	4-08-037: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0337	256	4-02-039: 32 PETROLEUM AND NATURAL GAS	
A0338	256	4-09-039: 2 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 75)
A0339	192		(CML002201) (PDM000701)
		4-16-040: 11S,NE PETROLEUM AND NATURAL GAS	
A0340	256	4-28-040: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0341	256	4-28-040: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0342	256	4-28-040: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0343	256	5-01-040: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0344	256	4-26-041: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0345	256	4-27-041: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0346	256	4-27-041: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0347	256	4-27-042: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)

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LEASE	HECTARES	LAND DESCRIPTION	
A0348	256	4-27-042: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0349	256	4-28-042: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0350	256	4-28-042: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0351	128	4-16-043: 11E PETROLEUM AND NATURAL GAS	
A0352	16	4-05-045: 19L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0353	16	4-05-045: 19L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0354	256	5-02-045: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0355	256	5-02-045: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0356	256	5-02-045: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(NAT005201) (DRRZD 4)
A0357	256	4-03-048: 16 PETROLEUM AND NATURAL GAS	
A0358	256	4-18-059: 24 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0359	256	4-18-059: 25 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0360	256	5-01-059: 23 PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
A0361	512	4-14-061: 7;18 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION
--- NORTHERN REGION ---		
A0362	256	
	TRACT ONE	5-06-036: 32S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
	TRACT TWO	5-06-036: 32NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0363	64	5-05-037: 5NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)
A0364	256	5-05-037: 6 PETROLEUM AND NATURAL GAS
A0365	256	
	TRACT ONE	5-05-037: 30S,NE PETROLEUM AND NATURAL GAS
	TRACT TWO	5-05-037: 30NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3)
A0366	256	5-05-037: 32 PETROLEUM AND NATURAL GAS
A0367	128	5-05-037: 33W PETROLEUM AND NATURAL GAS
A0368	256	5-06-037: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6) TO THE BASE OF THE ROCK CREEK MBR (DRRZD 60)
A0369	256	(IR3000201) (NAT002201) 5-06-037: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0370	256	(IR3000201) (NAT002201) 5-06-037: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0371	256	5-05-038: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)
A0372	64	5-05-038: 22SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0373	64	5-07-038: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0374	128	5-07-040: 29S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 4)
A0375	64	5-09-042: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0376	64	5-09-042: 36NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0377	128	5-09-043: 13W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0378	256	5-13-043: 16 PETROLEUM AND NATURAL GAS	
A0379	128	5-05-047: 1N PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(GZR000901) (DRRZD 3)
A0380	192	5-17-053: 34S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0381	192	5-18-053: 36S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BLUESKY FM	(DRRZD 21) (ZD 2281-1)
A0382	256	5-19-054: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0383	128	5-18-055: 16W PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0384	64	5-19-055: 18SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE CARDIUM FM	(DRRZD 39) (DRRZD 3)
A0385	256	5-25-055: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 51) (DRRZD 22)

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LEASE	HECTARES	LAND DESCRIPTION	
A0386	256	5-06-060: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 4) (ZD 2869)
A0387	256	5-08-062: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0388	256	TRACT ONE 6-01-063: 12N,SE PETROLEUM AND NATURAL GAS  TRACT TWO 6-01-063: 12SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 207)
A0389	128	6-05-064: 5S PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 51)
A0390	256	5-15-066: 25 PETROLEUM AND NATURAL GAS	
A0391	384	5-14-073: 12E;13N,SE;14SE PETROLEUM AND NATURAL GAS	
A0392	256	6-03-073: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0393	256	6-03-073: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0394	256	6-12-073: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(TSH002501) (DRRZD 21)
A0395	64	5-22-079: 21SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(ADM001901) (DRRZD 42)
A0396	1280	TRACT ONE 5-23-080: 17 PETROLEUM AND NATURAL GAS  TRACT TWO 5-23-080: 8;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM  TRACT THREE 5-23-080: 16N,SE;20S,NW;21SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM  TRACT FOUR 5-23-080: 16SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ADM001901) (WPP002101)  (DRRZD 42)  (DRRZD 255)  (DRRZD 277)



PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
A0397	256	6-11-080: 1 PETROLEUM AND NATURAL GAS	
A0398	256	6-11-080: 11 PETROLEUM AND NATURAL GAS	
A0399	256	6-11-080: 12 PETROLEUM AND NATURAL GAS	
A0400	64	5-15-081: 30SE PETROLEUM AND NATURAL GAS	(ADM001902)
A0401	256	6-06-081: 5 PETROLEUM AND NATURAL GAS	(PDR001701) (WPP000901)
A0402	64	5-06-091: 35NW PETROLEUM AND NATURAL GAS	(ADM002001)
A0403	256	6-04-092: 3 PETROLEUM AND NATURAL GAS	
A0404	256	6-05-092: 30 PETROLEUM AND NATURAL GAS	(TSH002401)
A0405	256	6-07-093: 2 PETROLEUM AND NATURAL GAS	
A0406	256	6-11-099: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(CRG000801) (DRRZD 214)
A0407	256	4-07-100: 16 PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(ADM002001) (DRRZD 4)
A0408	128	6-06-114: 34N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0409	128	6-06-114: 36E PETROLEUM AND NATURAL GAS	
A0410	128	6-07-114: 34S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0411	128	6-07-114: 34N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0412	128	6-05-115: 10E PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0413	128	6-05-115: 10W PETROLEUM AND NATURAL GAS	
A0414	192	6-05-115: 15N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0415	128	6-05-115: 18N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0416	128	6-06-115: 22S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0417	128	6-06-115: 22N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0418	128	6-07-115: 2S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0419	128	6-07-115: 2N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
--- FOOTHILLS REGION ---			
A0420	256	5-08-037: 21 PETROLEUM AND NATURAL GAS	(IR2000201)
A0421	256	6-12-064: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE SPIRIT RIVER FM	(CRG000701) (ES2000103) (DRRZD 38) (DRRZD 22)
101	21,120.00	HA TOTALS	<b>END</b>

2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0422	3072		
	TRACT ONE	4-07-023: 28;29;32 4-07-024: 1;3-5 4-08-023: 25;36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-07-023: 20 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD EXCEPTING NATURAL GAS IN THE BOW ISLAND SD	(ZD 81-1) (ZD 81-1)
	TRACT THREE	4-07-023: 30;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
B0423	3328		
	TRACT ONE	4-08-024: 1;10-12;15;16;23 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-08-024: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT THREE	4-08-024: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
	TRACT FOUR	4-07-024: 6;18 4-08-024: 13;14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0424	3072		
	TRACT ONE	4-08-024: 7 4-09-024: 13N;14N;35;36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-08-024: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
	TRACT THREE	4-08-024: 18 4-09-024: 11;12;13S;14S;25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
	TRACT FOUR	4-09-024: 23;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0425	4096		(IR2000201) (PDR001201) (PDR001301) (POW000101)
TRACT ONE	5-12-045: 4S	PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		EXCEPTING NATURAL GAS IN THE SHUNDA FM	(ZD 2651-1)
		EXCEPTING NATURAL GAS IN THE TURNER VALLEY FM	(ZD 217-2)
TRACT TWO	5-12-045: 16N;24W	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(ZD 3155)
TRACT THREE	5-11-045: 6;18;19 5-12-045: 1-3;4N;9-11;13-15;16S;24E	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
TRACT FOUR	5-12-045: 12	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
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B0426	1280		(IR2000601) (PDR001301) (POW000101)
TRACT ONE	5-12-045: 21S	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		EXCEPTING NATURAL GAS IN THE ELKTON-SHUNDA	(ZD 3155)
TRACT TWO	5-12-045: 21N;28;29;33 5-12-046: 4	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
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B0427	3072		(IR2000601)
TRACT ONE	5-14-047: 8E	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT TWO	5-14-046: 35;36 5-14-047: 8W	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT THREE	5-14-047: 1;4;5;11;12	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
TRACT FOUR	5-14-047: 2;3;9;10	PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
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LICENCE	HECTARES	LAND DESCRIPTION	
B0428	2048		
	TRACT ONE	5-12-047: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR EXCEPTING NATURAL GAS IN THE SHUNDA FM	(DRRZD 60) (ZD 3382)
	TRACT TWO	5-13-047: 3W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR EXCEPTING NATURAL GAS IN THE SHUNDA FM	(DRRZD 60) (ZD 2701)
	TRACT THREE	5-12-047: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT FOUR	5-13-047: 10W;15W PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 280) (DRRZD 29)
	TRACT FIVE	5-13-047: 3E;11-14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0429	5120		
TRACT ONE		5-13-047: 21;22 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-13-047: 29;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
TRACT THREE		5-13-047: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE ROCK CREEK MBR	(DRRZD 39) (ZD 3408-A)
TRACT FOUR		5-13-047: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE SHUNDA FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 39) (DRRZD 29) (DRRZD 79)
TRACT FIVE		5-13-047: 17;19;20;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT SIX		5-14-047: 13;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT SEVEN		5-13-047: 4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE ROCK CREEK MBR	(DRRZD 4) (ZD 3408-A)
TRACT EIGHT		5-13-047: 4S,NW;8;26;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
TRACT NINE		5-13-047: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
TRACT TEN		5-13-047: 5;16 5-14-047: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)

2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0430	4096		(IR2000601)
	TRACT ONE	5-14-048: 12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-13-048: 4;5 5-14-047: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT THREE	5-14-048: 4;9;16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT FOUR	5-14-047: 33-35 5-14-048: 3;10;11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
	TRACT FIVE	5-13-048: 6;7 NATURAL GAS IN THE SHUNDA FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(ZD 2863) (DRRZD 79)
	TRACT SIX	5-14-048: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
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B0431	1024		
	TRACT ONE	5-07-048: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
	TRACT TWO	5-07-048: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT THREE	5-07-048: 1;11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
-----			
B0432	1024		
	TRACT ONE	5-08-049: 28SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT TWO	5-08-049: 21W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT THREE	5-08-049: 29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 3) (DRRZD 60) (DRRZD 57)
	TRACT FOUR	5-08-049: 20;21E;28N,SE;29S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
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B0433	1024		
	TRACT ONE	5-09-052: 28;29;33 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-09-052: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
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2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0434	512	5-08-054: 10;11 PETROLEUM AND NATURAL GAS	
B0435	1024	5-09-054: 4;5;8;17 PETROLEUM AND NATURAL GAS	
B0436	1024	5-13-054: 6;7 5-14-054: 1;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0437	768	TRACT ONE 5-16-054: 14;23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT TWO 5-16-054: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0438	256	5-09-055: 3 PETROLEUM AND NATURAL GAS	
B0439	256	5-09-055: 10 PETROLEUM AND NATURAL GAS	
B0440	1024	TRACT ONE 5-11-055: 30 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(ZD 2728)
		TRACT TWO 5-11-055: 19;20;29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0441	1280	TRACT ONE 5-16-055: 9N,SW;10N;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
		TRACT TWO 5-16-055: 9SE;10S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT THREE 5-16-055: 16;21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0442	768	5-18-055: 31 5-19-055: 36 5-19-056: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0443	256	5-25-055: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (DRRZD 51) (DRRZD 21)



2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0444	256	5-26-055: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104)  (DRRZD 21)
B0445	768	5-26-055: 7;8;17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (NAT015701)  (DRRZD 21)
B0446	512	5-26-055: 7;8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (NAT015701)  (DRRZD 21)
B0447	768	TRACT ONE 5-13-056: 21 PETROLEUM AND NATURAL GAS  TRACT TWO 5-13-056: 28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	     (DRRZD 4)
B0448	1024	5-07-057: 5;6;8 5-08-057: 12 PETROLEUM AND NATURAL GAS	
B0449	1152	TRACT ONE 5-14-057: 27S;29S,NW;32;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD  TRACT TWO 5-14-057: 28;29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(BWP001802)  (DRRZD 21)  (DRRZD 60)
B0450	512	TRACT ONE 5-16-058: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM  TRACT TWO 5-16-058: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(TSH002101)  (DRRZD 6)  (DRRZD 21)
B0451	768	5-18-059: 12;13;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BEAVERHILL LAKE GRP	  (DRRZD 21) (ZD 345)
B0452	1280	5-08-061: 33 5-08-062: 5;7-9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	   (DRRZD 6)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0453	512		
	TRACT ONE	6-08-063: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	6-08-063: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0454	768		(ES4000103)
	TRACT ONE	6-08-063: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	6-08-063: 13;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0455	768		(ES4000103)
	TRACT ONE	6-07-064: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	6-07-064: 7 6-08-064: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0456	512	6-07-064: 17;21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0457	768	6-08-064: 10;14;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0458	512	6-03-066: 23;24 PETROLEUM AND NATURAL GAS	
B0459	1280		(TSH002501)
	TRACT ONE	6-03-068: 20;28;29;32 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-04-069: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
B0460	256	6-07-069: 35 PETROLEUM AND NATURAL GAS	
B0461	1280		(IRS000201)
		6-01-070: 31 6-02-070: 26;35;36 6-02-071: 4 PETROLEUM AND NATURAL GAS	
B0462	256		(IRS000201) (TSH002501)
		6-02-070: 21 PETROLEUM AND NATURAL GAS	

2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0463	768		(BWP001401) (IRS000201)
	TRACT ONE	6-01-071: 10W;14;15 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-01-071: 10E PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0464	768	5-24-073: 27;28;33 PETROLEUM AND NATURAL GAS	
B0465	768	5-14-081: 23;25;26 PETROLEUM AND NATURAL GAS	(ADM001902)
B0466	768	5-25-081: 2-4 PETROLEUM AND NATURAL GAS	(ADM001901) (WPP002101)
B0467	1024	5-09-082: 11N;13;14S,NE;15S;23NE;24 PETROLEUM AND NATURAL GAS	
B0468	1024	5-25-082: 6;7 5-26-082: 1;12 PETROLEUM AND NATURAL GAS	(ADM001901)
B0469	3619.11	TRACT ONE 6-12-110: 2-4;9-11;14-17;18E,WF;19E,WF;20 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-12-110: 29;30E,WF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0470	1088	TRACT ONE 6-08-111: 5NE;8;18 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-08-111: 7;19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0471	6656	6-09-111: 26-29;31-35 6-09-112: 5-8;17-20;30 6-10-112: 1-3;10-12;24;25 PETROLEUM AND NATURAL GAS	
B0472	2304	TRACT ONE 6-11-111: 13;24;25 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-11-112: 2;10-12;14;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

2013, MARCH 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0473	4096		(TSH002401)
		6-11-111: 19;30;31	
		6-11-112: 6;7;18	
		6-12-111: 24;25;35;36	
		6-12-112: 1;2;11-14	
		PETROLEUM AND NATURAL GAS	
52	76,259.11	HA TOTALS	END

## ZONE DESIGNATIONS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

ZD: 75                               ZONE: 2140 VIKING FM  
INTERVAL: 2,546.00 - 2,646.00 FEET  
KEY WELL: 00/11-01-039-09W4/0  
LOG TYPE: ELECTRICAL

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ZD: 81-1                            ZONE: 2130 BOW ISLAND SD  
INTERVAL: 2,085.00 - 2,380.00 FEET  
KEY WELL: 00/06-17-023-07W4/0  
LOG TYPE: ELECTRICAL

                                  ZONE: 2420 BASAL COLORADO SD  
INTERVAL: 2,380.00 - 2,406.00 FEET  
KEY WELL: 00/06-17-023-07W4/0  
LOG TYPE: ELECTRICAL

---

ZD: 217-2                          ZONE: 6300 TURNER VALLEY FM  
INTERVAL: 9,936.00 - 9,988.00 FEET  
KEY WELL: 00/06-03-045-13W5/0  
LOG TYPE: GAMMA RAY NEUTRON

---

ZD: 345                            ZONE: 7440 BEAVERHILL LAKE GRP  
INTERVAL: 10,196.00 - 10,618.00 FEET  
KEY WELL: 00/11-33-059-18W5/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 1039-1                        ZONE: 2140 VIKING FM  
INTERVAL: 2,189.00 - 2,203.00 FEET  
KEY WELL: 00/10-34-036-04W4/0  
LOG TYPE: ELECTRICAL

---

ZD: 2281-1                        ZONE: 3040 BLUESKY FM  
INTERVAL: 8,115.00 - 8,183.00 FEET  
KEY WELL: 00/06-31-053-17W5/0  
LOG TYPE: INDUCTION ELECTRIC

---

ZD: 2651-1                        ZONE: 6400 SHUNDA FM  
INTERVAL: 9,500.00 - 9,704.00 FEET  
KEY WELL: 00/11-18-045-12W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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ZD: 2701                          ZONE: 6400 SHUNDA FM  
INTERVAL: 9,280.00 - 9,474.00 FEET  
KEY WELL: 00/10-36-046-13W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

ZD: 2728                          ZONE: 3100 LOWER MANNVILLE FM  
INTERVAL: 5,786.00 - 5,850.00 FEET  
KEY WELL: 00/06-14-056-11W5/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

ZONE DESIGNATIONS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

ZD: 2863                      ZONE: 6400 SHUNDA FM  
  
INTERVAL: 8,930.00 - 9,131.00 FEET  
KEY WELL: 00/11-25-047-13W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

---

ZD: 2869                      ZONE: 2140 VIKING FM  
  
INTERVAL: 3,390.00 - 3,500.00 FEET  
KEY WELL: 00/11-19-060-06W5/0  
LOG TYPE: INDUCTION ELECTROLOG

---

ZD: 3155                      ZONE: 6390 ELKTON-SHUNDA  
  
INTERVAL: 9,210.00 - 9,329.00 FEET  
KEY WELL: 00/11-27-045-12W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

AND ANY ADDITIONAL STRATA OCCURRING BELOW THOSE DEFINED  
ABOVE  
AND, IN THE OPINION OF THE ALBERTA ENERGY AND UTILITIES  
BOARD,  
CONSTITUTING A PART OF THE ELKTON-SHUNDA FORMATION.

---

ZD: 3382                      ZONE: 6400 SHUNDA FM  
  
INTERVAL: 9,010.00 - 9,183.00 FEET  
KEY WELL: 00/10-18-047-12W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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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ZD: 3789                      ZONE: 3100 LOWER MANNVILLE FM  
  
INTERVAL: 962.00 - 1,003.00 METRES  
KEY WELL: 00/08-08-020-09W4/0  
LOG TYPE: DUAL LATEROLOG

---

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, MARCH 20 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

---

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

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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

---

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: 13                   ZONE: 1860    SECOND WHITE SPECKS  
  
INTERVAL: 1,820.00 - 2,030.00 FEET  
KEY WELL: 00/10-17-014-09W4/0  
LOG TYPE: INDUCTION ELECTRIC

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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

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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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

DRRZD: 29                      ZONE: 6400 SHUNDA FM  
  
INTERVAL: 11,048.00 - 11,229.00 FEET  
KEY WELL: 00/07-24-041-12W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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DRRZD: 30                      ZONE: 6420 PEKISKO FM  
  
INTERVAL: 9,232.00 - 9,390.00 FEET  
KEY WELL: 00/07-13-033-05W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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

---

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

---

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: 51                      ZONE: 1700 CARDIUM FM  
  
INTERVAL: 2,350.40 - 2,415.70 METRES  
KEY WELL: 00/07-36-058-03W6/0  
LOG TYPE: DUAL INDUCTION SFL

---

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: 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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

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: 90                    ZONE: 4000 JURASSIC SYSTEM  
  
INTERVAL: 7,052.00 - 7,148.00 FEET  
KEY WELL: 00/06-29-039-03W5/0  
LOG TYPE: INDUCTION ELECTROLOG

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DRRZD: 207                   ZONE: 4440 NORDEGG MBR  
  
INTERVAL: 2,038.00 - 2,063.00 METRES  
KEY WELL: 00/11-06-066-24W5/0  
LOG TYPE: DUAL INDUCTION SFL

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DRRZD: 214                   ZONE: 5000 TRIASSIC SYSTEM  
  
INTERVAL: 993.00 - 1,074.70 METRES  
KEY WELL: 00/06-09-100-12W6/0  
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: 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

---

DRRZD: 284                   ZONE: 7635 ELK POINT GRP  
  
INTERVAL: 783.00 - 1,370.00 METRES  
KEY WELL: 02/06-13-063-08W4/0  
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

---

END



## ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

**ADM001901** LAND DESCRIPTION  
 LEASE A0395  
 LEASE A0396  
 LICENCE B0466  
 LICENCE B0468 5-25-082: 6;7

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

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**ADM001902**

LEASE A0400  
 LICENCE B0465

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

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**APPENDIX 3**

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**ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE**

**ADM002001**

LEASE A0402  
LEASE A0407

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

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**BWP001401** LAND DESCRIPTION

LICENCE B0463 6-01-071: 10SE

IS/ARE WITHIN A "BUCK FOR WILDLIFE" PROJECT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
AREA WILDLIFE BIOLOGIST  
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
10320 99 ST SUITE 1601  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**BWP001802**

LICENCE B0449

ALL LAND(S) 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

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**CML002201**

LEASE A0339

ALL LAND(S) IS/ARE WITHIN A LICENCE TO OPERATE A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT.

SURFACE ACCESS IS NOT PERMITTED

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRENDA MASON  
MANAGER, LAND ADMINISTRATION  
PRAIRIE MINES & ROYALTY LTD.  
LEASE/LAND ADMINISTRATOR  
OXFORD TOWER  
10235 101 ST NW SUITE 1600  
EDMONTON AB T5J 3G1 (780) 420-4092

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**CRG000701**

LEASE A0421

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

EUGENE BARANSKI  
LAND USE STRATEGIST  
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE  
RESOURCE DEV  
PO BOX 899  
VALLEYVIEW AB T0H 3N0 (780) 524-3567

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**CRG000801**

LEASE A0406

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE MOYLES  
SENIOR WILDLIFE BIOLOGIST  
PEACE RIVER OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9621 96 AVE  
PO BAG 900 26  
PEACE RIVER AB T8S 1T4 (780) 624-6405

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**ES2000103** LAND DESCRIPTION

LEASE A0421 6-12-064: 3EP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE  
MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
AREA WILDLIFE BIOLOGIST  
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
10320 99 ST SUITE 1601  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**ES2000104** LAND DESCRIPTION

LICENCE B0443 5-25-055: 15WP  
LICENCE B0444 5-26-055: 2EP  
LICENCE B0445 5-26-055: 7E,WP;8EP,W;17  
LICENCE B0446 5-26-055: 7E,WP;8EP,W

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE  
MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

**APPENDIX 3**

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**ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE**

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

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**ES4000103** LAND DESCRIPTION

LICENCE B0454 6-08-063: 22NP  
LICENCE B0455 6-07-064: 6SEP

IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
AREA WILDLIFE BIOLOGIST  
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
10320 99 ST SUITE 1601  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**GZR000901**

LEASE A0379

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

FOR FURTHER INFORMATION, PLEASE CONTACT: ?

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**IR2000201** LAND DESCRIPTION

LEASE A0374 5-07-040: 29SP  
LEASE A0420 5-08-037: 21NP  
LICENCE B0425 5-11-045: 6L1P

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

LICENCE B0426 5-12-045: 21NWP;28SP;29SP  
LICENCE B0427 5-14-046: 35SWP  
5-14-047: 2SWP;3SP  
LICENCE B0430 5-13-048: 4NP,SWP;5P;6P  
5-14-047: 33P;34P;35SP,NWP,NE;36NP,L5P  
5-14-048: 1P;3SP,L9P,L16P;4SWP;11SEP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE BRAZEAU-PEMBINA INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

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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**IR3000201** LAND DESCRIPTION  
LEASE A0369 5-06-037: 11NW  
LEASE A0370 5-06-037: 14NWP

IS/ARE WITHIN THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

MYLES JENSEN  
DISTRICT CONSERVATION OFFICER  
TOURISM, PARKS AND RECREATION  
PARKS AND PROTECTED AREAS  
PARKS AND PROTECTED AREAS  
4919 51 ST FLOOR 1  
ROCKY MOUNTAIN HOUSE AB T4T 1B5 (403) 845-8245

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**IRS000201** LAND DESCRIPTION  
LICENCE B0461 6-01-070: 31  
6-02-070: 26N,SW;35;36  
6-02-071: 4  
LICENCE B0462  
LICENCE B0463 6-01-071: 10N,SW;14

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  
AREA WILDLIFE BIOLOGIST  
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
10320 99 ST SUITE 1601  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**NAT002201** LAND DESCRIPTION  
LEASE A0369 5-06-037: 11NWP  
LEASE A0370 5-06-037: 14WP

IS/ARE WITHIN A NATURAL AREA, ESTABLISHED 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  
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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**APPENDIX 3**

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**ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE**

**NAT005201** LAND DESCRIPTION  
LEASE A0356 5-02-045: 34NE

IS/ARE WITHIN A NATURAL AREA, ESTABLISHED 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  
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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**NAT015701** LAND DESCRIPTION  
LICENCE B0445 5-26-055: 7L1SE, L5NE, L6N, L7NW, L9, L10, L11SE; 8L3W, L4-L6,  
L7N, L10-L12, L13S, L13NE, L14, L15W; 17L2, L3E,  
L6E, L7, L10, L11E, L14E, L15, L16W  
LICENCE B0446 5-26-055: 7L1SE, L5NE, L6N, L7NW, L9, L10, L11SE; 8L3W, L4-L6,  
L7N, L10-L12, L13S, L13NE, L14, L15W

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  
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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**PDM000701**  
LEASE A0339

ALL LAND(S) IS/ARE WITHIN A PERMIT TO DEVELOP A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT. PROSPECTIVE PURCHASERS ARE ADVISED THAT LAND USE PROBLEMS RELATING TO THE MINE OPERATIONS MAY ARISE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRENDA MASON  
MANAGER, LAND ADMINISTRATION  
PRAIRIE MINES & ROYALTY LTD.  
LEASE/LAND ADMINISTRATOR  
OXFORD TOWER  
10235 101 ST NW SUITE 1600  
EDMONTON AB T5J 3G1 (780) 420-4092

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**PDR001201** LAND DESCRIPTION  
LICENCE B0425 5-12-045: 3;4S, NE; 9N, SE; 10; 15SW, NWP; 16P

IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED



ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE ARDELL  
DISTRICT MANAGER; (CALGARY REGION)  
ENVIRONMENT AND WATER, DEPARTMENT OF  
REGIONAL DIRECTOR  
APPROVALS UNIT  
2938 11 ST NE FLOOR 3  
CALGARY AB T2E 7L7 (403) 297-5892

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**PDR001301** LAND DESCRIPTION  
LICENCE B0425 5-12-045: 14L13P, L14P; 15NP; 16NP, SEP, L5P; 24L12P, L13P  
LICENCE B0426 5-12-045: 21SP, NWP, NE; 28L1P, L2P, L3P, L4P  
5-12-046: 4NP, SEP

IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE ARDELL  
DISTRICT MANAGER; (CALGARY REGION)  
ENVIRONMENT AND WATER, DEPARTMENT OF  
REGIONAL DIRECTOR  
APPROVALS UNIT  
2938 11 ST NE FLOOR 3  
CALGARY AB T2E 7L7 (403) 297-5892

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**PDR001701** LAND DESCRIPTION  
LEASE A0401 6-06-081: 5NP, L5P, L6P

IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

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**POW000101** LAND DESCRIPTION  
LICENCE B0425 5-12-045: 14NWP; 15NP; 16NP  
LICENCE B0426 5-12-045: 21SP  
5-12-046: 4NEP

IS/ARE WITHIN A HYDRO-ELECTRIC POWER DEVELOPMENT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE ARDELL  
DISTRICT MANAGER; (CALGARY REGION)  
ENVIRONMENT AND WATER, DEPARTMENT OF  
REGIONAL DIRECTOR  
APPROVALS UNIT  
2938 11 ST NE FLOOR 3  
CALGARY AB T2E 7L7 (403) 297-5892

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**APPENDIX 3**

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**ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE**

**TSH002101** LAND DESCRIPTION  
LICENCE B0450 5-16-058: 6NP,SEP,SW

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

CURTIS STAMBAUGH  
AREA WILDLIFE BIOLOGIST  
WHITECOURT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
5020 52 AVE  
WHITECOURT AB T7S 1N2 (780) 778-7119

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**TSH002401** LAND DESCRIPTION  
LEASE A0404 6-05-092: 30NWP  
LICENCE B0473 6-11-112: 6SP,NW,NEP;7SP;18EP  
6-12-112: 1EP;12SEP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE MOYLES  
SENIOR WILDLIFE BIOLOGIST  
PEACE RIVER OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9621 96 AVE  
PO BAG 900 26  
PEACE RIVER AB T8S 1T4 (780) 624-6405

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**TSH002501** LAND DESCRIPTION  
LEASE A0394 6-12-073: 9S,NP  
LICENCE B0459 6-03-068: 20NP;28WP;29SP,NEP  
LICENCE B0462 6-02-070: 21SP,NW,NEP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
AREA WILDLIFE BIOLOGIST  
GRANDE PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
PROVINCIAL BUILDING  
10320 99 ST SUITE 1601  
GRANDE PRAIRIE AB T8V 6J4 (780) 538-5265

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**WPP000901** LAND DESCRIPTION  
LEASE A0401 6-06-081: 5N,SW

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, MARCH 20 PUBLIC OFFERING NOTICE

WPP002101            LAND DESCRIPTION  
LEASE    A0396    5-23-080: 16L1,L8,L9,L16  
LICENCE B0466    5-25-081: 2SP

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

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END