

2011 APRIL 20

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2011.04.20

From	To	Total	Area
LEASES: A0294	A0425	132	35,892.2100 ha.
LICENCES: B0426	B0466	41	87,420.4000 ha.
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		173	123,312.6100 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 2011 April 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 **2011 April 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.

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0294	64	4-17-011: 26NW PETROLEUM AND NATURAL GAS	
A0295	256	4-17-011: 29 PETROLEUM AND NATURAL GAS	
A0296	128	4-21-011: 6W PETROLEUM AND NATURAL GAS	
A0297	256	4-28-011: 4 PETROLEUM AND NATURAL GAS	
A0298	256	TRACT ONE 4-16-012: 6L1, L4, L14-L16 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-16-012: 6L3, L5, L6, L11-L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT THREE 4-16-012: 6L2, L7-L10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM	(DRRZD 20)
A0299	64	4-17-012: 1NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0300	256	4-28-012: 18 PETROLEUM AND NATURAL GAS	
A0301	256	TRACT ONE 4-17-013: 18N, SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD	(DRRZD 48)
		TRACT TWO 4-17-013: 18SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0302	320	4-24-029: 3S, NW; 4S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0303	256	4-24-029: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0304	256	4-24-029: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0305	256	4-25-030: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
A0306	768		
	TRACT ONE	4-24-031: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
	TRACT TWO	4-24-031: 1;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE VIKING FM	(DRRZD 39) (DRRZD 6)
A0307	256	4-22-033: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0308	256	4-22-033: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0309	256	5-02-033: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0310	256	5-02-033: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE PEKISKO FM	(DRRZD 4) (DRRZD 30)
A0311	256	5-02-033: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0312	256	5-02-033: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE TURNER VALLEY FM	(DRRZD 6) (DRRZD 28)
A0313	256	4-23-034: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0314	128	5-01-036: 4W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0315	64	5-01-036: 16SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0316	16	4-02-039: 2L10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0317	256	4-09-039: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 4) (ZD 75)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
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A0318	2560		
	TRACT ONE	4-24-039: 10W;11E;16;28-30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-24-039: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT THREE	4-24-039: 2E;22W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT FOUR	4-24-039: 22E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 280) (DRRZD 39) (DRRZD 7)
	TRACT FIVE	4-24-039: 2W;10E;11W;14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 7)

A0319	256	4-27-039: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0320	54.92	4-12-040: 33NEP PORTION(S) DESIGNATED AS SCHULTZ LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/04/26 4-12-041: 3SP PORTION(S) DESIGNATED AS SCHULTZ LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1904/09/29 PETROLEUM AND NATURAL GAS	

A0321	256	5-04-040: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0322	224	4-12-041: 16N,SW,L7,L8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)

A0323	3840		
	TRACT ONE	4-27-043: 6;18;30 4-28-042: 28;34;36 4-28-043: 2;10-12;22;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	4-27-043: 20;28 4-28-043: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
A0324	1933.29	4-25-043: 7P;18;20;28-30;32 PORTION(S) SHOWN AS LAKES ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1896/09/26. 4-26-043: 14E;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0325	64	5-02-043: 14NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
A0326	256	5-02-043: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(DRRZD 39) (ZD 3405)
A0327	256	4-20-044: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0328	256	4-20-044: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0329	512	5-02-049: 2;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0330	256	5-02-049: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
--- NORTHERN REGION ---			
A0331	64	5-06-036: 27SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0332	64	5-05-038: 15SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0333	64	5-05-038: 15SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0334	64	5-05-038: 24NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0335	256	5-05-038: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
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A0336	128	5-05-038: 36W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0337	256	5-05-039: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 13) (DRRZD 4)
A0338	256	5-05-039: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0339	256	5-05-040: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0340	256	5-05-040: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0341	256	5-06-040: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0342	256	5-06-040: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0343	128	5-06-040: 21S PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0344	256	5-09-040: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 3) (DRRZD 13)
A0345	128	5-05-041: 6N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 3) (DRRZD 13)
A0346	64	5-05-041: 7NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 3) (DRRZD 13)
A0347	256	5-05-041: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0348	256	5-05-041: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
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A0349	256	5-05-041: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0350	256	5-05-041: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0351	128	5-05-041: 28W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0352	128	5-05-041: 34W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0353	256	5-06-041: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 4)
A0354	256	5-07-041: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0355	256	5-07-041: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 3) (DRRZD 4)
A0356	256	5-07-041: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 4)
A0357	192	5-07-042: 1S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 3) (DRRZD 4)
A0358	192	5-07-042: 1S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 4)
A0359	256	5-06-043: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 4) (DRRZD 60)
A0360	256	5-07-045: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
A0361	256	5-07-045: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 60)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
A0362	256	5-07-045: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0363	256	5-07-045: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0364	256	5-08-047: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (IR2000601) (PRA020101) (SMP001901) (DRRZD 4)
A0365	128	5-08-047: 28N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0366	128	5-08-047: 28N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0367	256	5-08-047: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000601) (DRRZD 4)
A0368	256	5-08-047: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0369	256	5-08-047: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE BANFF FM	(DRRZD 4) (DRRZD 57)
A0370	128	5-09-047: 12E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 3) (DRRZD 4)
A0371	128	5-09-047: 12E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(IR2000201) (DRRZD 4)
A0372	256	5-08-048: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0373	64	5-10-048: 10SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
A0374	64	5-10-048: 10SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0375	256	5-11-048: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0376	64	5-09-049: 21SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0377	64	5-09-049: 21SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0378	256	5-09-051: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0379	256	5-09-051: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0380	256	5-09-051: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0381	256	5-09-051: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0382	256	5-09-051: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0383	256	5-10-051: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0384	64	5-10-051: 33SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0385	64	5-10-051: 33SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0386	128	5-10-053: 22W PETROLEUM AND NATURAL GAS	
A0387	192	5-10-053: 23N, SW PETROLEUM AND NATURAL GAS	

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
A0388	128	5-10-053: 35E PETROLEUM AND NATURAL GAS	
A0389	64	5-19-053: 36NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 22)
A0390	192	5-10-054: 2N,SE PETROLEUM AND NATURAL GAS	
A0391	256	5-15-059: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0392	256	5-15-059: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0393	256	5-15-059: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0394	128	5-15-059: 18W PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0395	128	5-15-059: 18W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0396	256	5-16-059: 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0397	256	5-16-059: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0398	256	5-16-059: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0399	256	5-16-059: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0400	256	5-14-061: 26 PETROLEUM AND NATURAL GAS	
A0401	256	5-12-062: 27 PETROLEUM AND NATURAL GAS	
A0402	256	5-11-063: 5 PETROLEUM AND NATURAL GAS	

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
A0403	256	6-05-063: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
A0404	256	5-09-068: 18W 5-10-068: 13E PETROLEUM AND NATURAL GAS	
A0405	320	5-11-068: 9E;16S,NE PETROLEUM AND NATURAL GAS	
A0406	64	5-10-069: 26SE PETROLEUM AND NATURAL GAS	
A0407	128	5-11-069: 10N PETROLEUM AND NATURAL GAS	
A0408	256	5-11-070: 16E;21S PETROLEUM AND NATURAL GAS	
A0409	256	5-20-074: 5 PETROLEUM AND NATURAL GAS	
A0410	256	5-20-074: 8 PETROLEUM AND NATURAL GAS	
A0411	256	6-12-078: 31 PETROLEUM AND NATURAL GAS	
A0412	64	6-09-079: 32SE PETROLEUM AND NATURAL GAS	
A0413	256	6-05-081: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0414	256	6-06-081: 25 PETROLEUM AND NATURAL GAS	
A0415	256	6-11-085: 16 PETROLEUM AND NATURAL GAS	
A0416	256	6-11-085: 20 PETROLEUM AND NATURAL GAS	
A0417	256	6-11-085: 31 PETROLEUM AND NATURAL GAS	
A0418	256	5-24-086: 22 PETROLEUM AND NATURAL GAS	(ADM001901)
A0419	256	5-08-089: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001902) (DRRZD 21)

2011, APRIL 20

LEASE	HECTARES	LAND DESCRIPTION	
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A0420	256		(ADM001902) (CRG000154)
		TRACT ONE	
		5-08-089: 4E	
		PETROLEUM AND NATURAL GAS	
		TRACT TWO	
		5-08-089: 4W	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	
		SLAVE POINT FM	(DRRZD 18)
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A0421	256		(CRG000103)
		6-09-098: 3	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE	
		TRIASSIC SYSTEM	(DRRZD 214)
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A0422	256		(CRG000103)
		6-09-098: 10	
		PETROLEUM AND NATURAL GAS	
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A0423	256		(CRG000103)
		6-09-098: 17	
		PETROLEUM AND NATURAL GAS	
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A0424	128		
		6-09-107: 18W	
		PETROLEUM AND NATURAL GAS	
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		--- Foothills Region ---	
A0425	256		(IR2000201)
		5-10-039: 35	
		PETROLEUM AND NATURAL GAS	
		TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
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132	35,892.21	HA TOTALS	END

2011, APRIL 20

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0426	512	TRACT ONE 5-21-060: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT TWO 5-22-060: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0427	512	5-21-060: 33 5-21-061: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(ES4000101) (DRRZD 38)
B0428	768	TRACT ONE 5-22-060: 32S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(ES4000101) (DRRZD 37)
		TRACT TWO 5-22-060: 32NE;33 5-22-061: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM EXCEPTING NATURAL GAS IN THE WOODBEND REEF	(DRRZD 37) (ZD 204)
B0429	256	6-08-064: 1 PETROLEUM AND NATURAL GAS	
B0430	640	5-11-068: 26;35S;36 PETROLEUM AND NATURAL GAS	
B0431	256	5-20-074: 7 PETROLEUM AND NATURAL GAS	
B0432	256	5-20-074: 17 PETROLEUM AND NATURAL GAS	(IRS000201)
B0433	256	5-20-074: 18 PETROLEUM AND NATURAL GAS	
B0434	256	5-20-074: 19 PETROLEUM AND NATURAL GAS	(IRS000201)
B0435	256	5-24-074: 17 PETROLEUM AND NATURAL GAS	(TSH001201)
B0436	1280	5-05-075: 2;3;10;11;14 PETROLEUM AND NATURAL GAS	
B0437	1280	5-05-075: 15;22;23;26;35 PETROLEUM AND NATURAL GAS	
B0438	768	5-06-075: 14;23;25 PETROLEUM AND NATURAL GAS	(PRP005101) (SMP000501)

2011, APRIL 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0439	3072	6-02-099: 7;8;17-20;29-32 6-03-099: 23;24 PETROLEUM AND NATURAL GAS	
B0440	3328	TRACT ONE 6-04-099: 31-33 6-04-100: 4;7-9 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-04-099: 34;35 6-04-100: 3;5;6;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 174)
B0441	4284.4	TRACT ONE 6-01-101: 12NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3075)
		TRACT TWO 6-01-100: 25S,NE;26S,NW;35W;36E 6-01-101: 1N,SE;2N,SW;11S;12S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING EXCEPTING NATURAL GAS IN THE BANFF FM	(ZD 3075) (ZD 3075)
		TRACT THREE 5-25-100: 25;26;27EF;34EF;35;36 5-25-101: 1;2;3EF;10EF;11;12 6-01-100: 25NW;26NE;35E;36W 6-01-101: 1SW;2SE;11N;12NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
B0442	2304	6-01-100: 4-9;16-18 PETROLEUM AND NATURAL GAS	
B0443	4096	6-03-100: 16;21;28-33 6-04-100: 35;36 6-04-101: 1;2;11-14 PETROLEUM AND NATURAL GAS	
B0444	2304	6-02-101: 1-3;10-15 PETROLEUM AND NATURAL GAS	
B0445	4608		(CRG000103)
		TRACT ONE 6-05-101: 5;8;17;20-22;27-29;32-34 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-05-101: 1-4;9;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 174)
B0446	5120	TRACT ONE 6-01-102: 1-4;9-16;21-24 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY FM	(ZD 3012)
		TRACT TWO 6-01-102: 5;8E;17;20E PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3091)
		TRACT THREE 6-01-102: 8W;20W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

2011, APRIL 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0447	3328		
	TRACT ONE	6-02-102: 21;28;29;31-34 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-02-102: 16-20;30 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 2918)
B0448	2304		(CRG000103)
	TRACT ONE	6-04-102: 25-27 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY FM	(ZD 3010)
	TRACT TWO	6-04-102: 13;14;23;24 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3209)
	TRACT THREE	6-04-102: 15;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0449	2304		
		6-01-103: 1-3;10-15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0450	3072		
	TRACT ONE	6-02-103: 19;20;29-34 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-02-103: 21;22;27;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0451	2048		(CRG000103)
	TRACT ONE	6-05-103: 7;8;17-20;29 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-05-103: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 174)
B0452	2560		
	TRACT ONE	6-05-103: 35 6-05-104: 1 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-05-104: 2;11 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3232)
	TRACT THREE	6-05-103: 23-26;36 6-05-104: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0453	2304		
		6-01-104: 19-21;28-33 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3030)
B0454	4864		
		6-03-104: 4-9;16-22;27-32 PETROLEUM AND NATURAL GAS	

2011, APRIL 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0455	5376		(CRG000103)
	TRACT ONE	6-06-104: 13-15;19-25;27;34E;35 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-06-104: 34W PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING & BANFF	(ZD 3139)
	TRACT THREE	6-06-104: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT FOUR	6-06-104: 26;28-33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
B0456	3584		(CRG000103)
	TRACT ONE	6-07-104: 25;35;36 6-07-105: 1-3;10-15 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-07-104: 26;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
B0457	1536	6-03-105: 25-27;34-36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0458	2048		
	TRACT ONE	6-04-105: 31-33 6-04-106: 5;6;8;9 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-04-106: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0459	4608		(TSH001701)
	TRACT ONE	6-05-105: 1;12-14;22;23;26;27 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-05-105: 2;3S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING EXCEPTING NATURAL GAS IN THE BANFF FM	(ZD 3232) (ZD 3232)
	TRACT THREE	6-05-105: 11;15;28;29;32-34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT FOUR	6-05-105: 3N;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

2011, APRIL 20

LICENCE	HECTARES	LAND DESCRIPTION	
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B0460	3584		
	TRACT ONE	6-06-106: 24;25S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY FM	(ZD 3432)
	TRACT TWO	6-06-107: 1;2S;3S;10-12 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY FM	(ZD 3363)
	TRACT THREE	6-05-106: 30;31 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3391)
	TRACT FOUR	6-05-107: 6S;7N 6-06-106: 36N PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3262)
	TRACT FIVE	6-05-106: 19 6-05-107: 6N;7S 6-06-106: 25N;36S 6-06-107: 2N;3N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

B0461	2432		(CRG000103)
	TRACT ONE	6-07-107: 6;7 NATURAL GAS IN THE BLUESKY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(ZD 3435) (DRRZD 255)
	TRACT TWO	6-07-106: 19;20;29-31 6-08-107: 10E;11;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)

B0462	1728		(CRG000103)
	TRACT ONE	6-06-108: 7N;18N,SE;19S;20S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING	(ZD 3255)
	TRACT TWO	6-06-108: 7S;18SW;19N;20N 6-07-108: 13S,NW;25N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	6-07-108: 24S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
	TRACT FOUR	6-07-108: 13NE;24N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER FM	(DRRZD 16)

2011, APRIL 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0463	1536		
	TRACT ONE	6-07-110: 30;31N,SE;32W;33N;34NW PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-08-110: 25NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 18) (DRRZD 43)
	TRACT THREE	6-07-110: 34NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
	TRACT FOUR	6-08-110: 25NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
	TRACT FIVE	6-07-110: 31SW;32E;33S;34S 6-08-110: 25S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER FM	(DRRZD 16)
----- --- Foothills Region --- -----			
B0464	768	5-07-032: 5-7 PETROLEUM AND NATURAL GAS	(IR2000402)
B0465	768	5-07-032: 8;17;18 PETROLEUM AND NATURAL GAS	
B0466	256	5-08-032: 25 PETROLEUM AND NATURAL GAS	
41	87,420.40	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2011, APRIL 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

ZD: 204 ZONE: 7203 WOODBEND REEF
 INTERVAL: 11,178.00 - 11,360.00 FEET
 KEY WELL: 00/05-08-061-22W5/0
 LOG TYPE: GAMMA RAY NEUTRON

ZD: 2918 ZONE: 3050 BLUESKY-GETHING
 INTERVAL: 1,447.00 - 1,503.00 FEET
 KEY WELL: 00/10-05-102-02W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3010 ZONE: 3040 BLUESKY FM
 INTERVAL: 1,456.00 - 1,485.00 FEET
 KEY WELL: 00/10-25-102-04W6/0
 LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

ZD: 3012 ZONE: 3040 BLUESKY FM
 INTERVAL: 1,322.00 - 1,413.00 FEET
 KEY WELL: 00/06-04-102-01W6/0
 LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

ZD: 3030 ZONE: 3050 BLUESKY-GETHING
 INTERVAL: 1,218.00 - 1,342.00 FEET
 KEY WELL: 00/10-29-104-01W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3075 ZONE: 3050 BLUESKY-GETHING
 INTERVAL: 1,487.00 - 1,563.00 FEET
 KEY WELL: 00/06-11-101-01W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

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 BANFF FORMATION.

 ZONE: 6440 BANFF FM
 INTERVAL: 1,563.00 - 1,626.00 FEET
 KEY WELL: 00/06-11-101-01W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3091 ZONE: 3050 BLUESKY-GETHING
 INTERVAL: 1,650.00 - 1,722.00 FEET
 KEY WELL: 00/10-16-101-01W6/0
 LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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 BANFF FORMATION.

ZONE DESIGNATIONS APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

ZD: 3139 ZONE: 3051 BLUESKY-GETHING & BANFF

 INTERVAL: 2,260.00 - 2,376.00 FEET
 KEY WELL: 00/07-06-105-06W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

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 BANFF FORMATION.

ZD: 3209 ZONE: 3050 BLUESKY-GETHING

 INTERVAL: 1,521.00 - 1,541.00 FEET
 KEY WELL: 00/07-13-102-04W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3232 ZONE: 3050 BLUESKY-GETHING

 INTERVAL: 1,489.00 - 1,513.00 FEET
 KEY WELL: 00/11-34-104-05W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

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 BANFF FORMATION.

 ZONE: 6440 BANFF FM

 INTERVAL: 1,513.00 - 1,629.00 FEET
 KEY WELL: 00/11-34-104-05W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3255 ZONE: 3050 BLUESKY-GETHING

 INTERVAL: 1,536.00 - 1,603.00 FEET
 KEY WELL: 00/10-09-108-06W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3262 ZONE: 3050 BLUESKY-GETHING

 INTERVAL: 1,427.00 - 1,478.00 FEET
 KEY WELL: 00/07-21-107-05W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3363 ZONE: 3040 BLUESKY FM

 INTERVAL: 1,489.00 - 1,560.00 FEET
 KEY WELL: 00/10-12-107-06W6/0
 LOG TYPE: DUAL INDUCTION SFL

ZD: 3391 ZONE: 3050 BLUESKY-GETHING

 INTERVAL: 1,660.00 - 1,739.00 FEET
 KEY WELL: 00/11-22-106-05W6/0
 LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

ZD: 3405 ZONE: 3000 GLAUCONITIC SS

 INTERVAL: 5,800.00 - 5,880.00 FEET
 KEY WELL: 00/06-02-045-02W5/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

ZONE DESIGNATIONS APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

ZD: 3432

ZONE: 3040 BLUESKY FM

INTERVAL: 1,627.00 - 1,662.00 FEET

KEY WELL: 00/11-34-106-06W6/0

LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3435

ZONE: 3040 BLUESKY FM

INTERVAL: 1,586.00 - 1,611.00 FEET

KEY WELL: 00/06-21-107-07W6/0

LOG TYPE: DUAL INDUCTION-LATEROLOG

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2011, APRIL 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

DRRZD: 7 ZONE: 7200 LEDUC FM

INTERVAL: 6,418.00 - 7,033.00 FEET
KEY WELL: 00/06-20-041-24W4/0
LOG TYPE: GAMMA RAY-SONIC

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

DRRZD: 16 ZONE: 7721 KEG RIVER FM

INTERVAL: 5,866.00 - 6,772.00 FEET
KEY WELL: 00/07-32-109-08W6/0
LOG TYPE: GAMMA RAY NEUTRON

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: 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

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS
APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

DRRZD: 28 ZONE: 6300 TURNER VALLEY FM

INTERVAL: 5,817.00 - 6,172.00 FEET
KEY WELL: 00/08-30-019-02W5/0
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.

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

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: 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: 43 ZONE: 7675 SULPHUR POINT FM

INTERVAL: 5,408.00 - 5,482.00 FEET
KEY WELL: 02/07-18-109-07W6/0
LOG TYPE: FORMATION DENSITY

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: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

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

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: 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

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

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 2011, APRIL 20 PUBLIC OFFERING NOTICE

ADM001901

LEASE A0418

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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS RUDLAND
MANAGER, SALES AND REGISTRATIONS
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9426

ADM001902

LEASE A0419
LEASE A0420

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 AEUB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

CHRIS RUDLAND
MANAGER, SALES AND REGISTRATIONS
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9426

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

CRG000103 LAND DESCRIPTION
LEASE A0421
LEASE A0422
LEASE A0423
LICENCE B0445 6-05-101: 1N,SEP,SW;2-5;8-10;17;20-22;27-29;32-34
LICENCE B0448 6-04-102: 15SP,NWP;22SWP
LICENCE B0451
LICENCE B0455 6-06-104: 13EP,W;14;15;19-22;23S,NW,NEP;24WP;26SEP,SW,
NWP;27-33;34EP,W;35SWP
LICENCE B0456
LICENCE B0461 6-07-106: 19;20;29;30;31S,NP
LICENCE B0462

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

CRG000154
LEASE A0420

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

THERESE YACYSHYN
OPERATIONS SECTION HEAD
HIGH PRAIRIE OFFICE - LAND USE AREA -LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
PO BOX 149
HIGH PRAIRIE AB T0G 1E0 (780) 523-6524

ES4000101 LAND DESCRIPTION
LICENCE B0427 5-21-061: 5NP
LICENCE B0428 5-22-060: 32S,NP;33SP,NWP,NE
5-22-061: 4SP,NEP

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:

EVERT SMITH
LAND MANAGEMENT SPECIALIST
WHITECOURT REGIONAL HEADQUARTERS - LAND AND FOREST SERVICE DEPT. OF SU
STAINABLE RESOURCE DEV
5020 52 AVE SUITE 224
WHITECOURT AB T7S 1N2 (780) 778-7215

ADDENDA AND CONTACTS APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

IR2000201 LAND DESCRIPTION
 LEASE A0353 5-06-041: 35NE
 LEASE A0355 5-07-041: 20NP,SEP
 LEASE A0356 5-07-041: 20NP,SEP
 LEASE A0357 5-07-042: 1EP
 LEASE A0358 5-07-042: 1EP
 LEASE A0364 5-08-047: 13P
 LEASE A0370 5-09-047: 12EP
 LEASE A0371 5-09-047: 12EP
 LEASE A0425

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

IR2000402 LAND DESCRIPTION
 LICENCE B0464 5-07-032: 6SP,NWP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE NORDEGG-RED DEER RIVER 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

IR2000601 LAND DESCRIPTION
 LEASE A0364 5-08-047: 13NP
 LEASE A0367 5-08-047: 32P

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

IRS000201 LAND DESCRIPTION
 LICENCE B0432 5-20-074: 17N
 LICENCE B0434 5-20-074: 19S,NP

IS/ARE WITHIN THE STURGEON LAKE-PUSKWASKAU EAST INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

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

PRA020101 LAND DESCRIPTION
LEASE A0364 5-08-047: 13NP

IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

FOR FURTHER INFORMATION, PLEASE CONTACT: ?

PRP005101 LAND DESCRIPTION
LICENCE B0438 5-06-075: 14

IS/ARE WITHIN A PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

FOR FURTHER INFORMATION, PLEASE CONTACT: ?

SMP000501 LAND DESCRIPTION
LICENCE B0438 5-06-075: 25S,NW

IS/ARE WITHIN AN AREA OF SURFACE MATERIALS POTENTIAL.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

THERESE YACYSHYN
OPERATIONS SECTION HEAD
HIGH PRAIRIE OFFICE - LAND USE AREA -LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
PO BOX 149
HIGH PRAIRIE AB T0G 1E0 (780) 523-6524

SMP001901 LAND DESCRIPTION
LEASE A0364 5-08-047: 13NP

IS/ARE WITHIN AN AREA OF SURFACE MATERIALS POTENTIAL.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRUCE BLUE
AGGREGATES ADMINISTRATOR
TRANSPORTATION
AGGREGATES ADMINISTRATOR
TRANSPORTATION AND CIVIL ENGINEERING
TECHNICAL STANDARDS BRANCH
SURFACE ENGINEERING & AGGREGATES
4999 98 AVE NW FLOOR 2
EDMONTON AB T6B 2X3 (780) 415-1389

ADDENDA AND CONTACTS APPLICABLE TO THE 2011, APRIL 20 PUBLIC OFFERING NOTICE

TSH001201 LAND DESCRIPTION
LICENCE B0435 5-24-074: 17L13-L15

TRUMPETER SWAN HABITAT MAY BE PRESENT. SURFACE ACCESS CONSTRAINTS MAY BE IN EFFECT;
PLEASE CONTACT THE LOCAL PUBLIC LANDS AND/OR FISH AND WILDLIFE OFFICE FOR SPECIFIC
LOCATIONS AND DETAILS

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

TSH001701 LAND DESCRIPTION
LICENCE B0459 6-05-105: 2L4, L5, L12, L13; 3; 10; 11L4, L5, L12; 15W, L1, L2,
L7, L10; 22W; 27L4, L5; 28S, NW, L9, L10, L15; 29SE,
L9, L10, L16; 32N; 33L12, L13

TRUMPETER SWAN HABITAT MAY BE PRESENT. SURFACE ACCESS CONSTRAINTS MAY BE IN EFFECT;
PLEASE CONTACT THE LOCAL PUBLIC LANDS AND/OR FISH AND WILDLIFE OFFICE FOR SPECIFIC
LOCATIONS AND DETAILS

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

END