

2012 SEPTEMBER 19

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2012.09.19

From	To	Total	Area
LEASES: A0216	A0305	90	19,848.1600 ha.
LICENCES: B0306	B0408	103	219,621.8840 ha.

		193	239,470.0440 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 2012 September 19**.

HOW TO SUBMIT BIDS

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

AMOUNT OF PAYMENT

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

FORM OF PAYMENT

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

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account 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 **2012 September 19** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

2012 July 25
EDMONTON, Alberta

Christine Rudland - Manager
P&NG Sales and Registrations

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LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0216	256		
	TRACT ONE	4-17-005: 36N,SW,L7 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-17-005: 36L1,L2,L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0217	256		
	TRACT ONE	4-17-006: 1SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
	TRACT TWO	4-17-006: 1N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0218	256	4-17-006: 25 PETROLEUM AND NATURAL GAS	
A0219	256	4-17-006: 35 PETROLEUM AND NATURAL GAS	
A0220	256		(HRV000203)
	TRACT ONE	4-17-006: 36S,NW,L10,L15 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-17-006: 36L9,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0221	896	4-26-008: 12;13W;14;24 PETROLEUM AND NATURAL GAS	
A0222	256	4-19-012: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0223	192	4-19-012: 27S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 8) (DRRZD 4)
A0224	192	4-19-012: 28S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0225	64	4-26-014: 36SW PETROLEUM AND NATURAL GAS	
A0226	256	4-26-015: 30 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0227	256	4-09-019: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 13) (DRRZD 4)
A0228	128	4-10-019: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 8) (DRRZD 4)
A0229	256	4-10-019: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 48) (DRRZD 4)
A0230	256	4-14-027: 18 PETROLEUM AND NATURAL GAS	
A0231	256	4-15-027: 12 PETROLEUM AND NATURAL GAS	
A0232	256	4-15-027: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0233	256	4-17-028: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0234	256	4-17-028: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0235	256	4-17-028: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0236	256	4-17-028: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0237	256	4-17-028: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0238	256	4-17-028: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0239	256	4-17-028: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0240	256		
	TRACT ONE	4-18-028: 34SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE SECOND WHITE SPECKS PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 13) (DRRZD 4)
	TRACT TWO	4-18-028: 34N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0241	768		
	TRACT ONE	4-15-029: 9 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-15-029: 10;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0242	256		
		4-18-029: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0243	256		
		4-18-029: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0244	256		
		4-18-029: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0245	256		
		4-18-029: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0246	256		
		4-18-029: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0247	256		
		4-18-029: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0248	256		
		4-18-029: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0249	80		
		4-19-029: 19L1, L2, L8, L9, L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0250	256		
		4-23-031: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0251	64		
		5-05-031: 26NE PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0252	256	4-04-035: 33 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 174)
A0253	256	4-04-035: 34 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 174)
A0254	256	4-04-036: 4 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1039-1)
A0255	256	4-10-038: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0256	128	5-04-039: 16E PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0257	256	4-19-043: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0258	256	4-20-043: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0259	256	4-20-044: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0260	256	4-21-044: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0261	64	5-02-047: 36NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0262	256	5-04-047: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
A0263	64	5-04-047: 4SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 280) (DRRZD 39)
A0264	256	4-01-048: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION
A0265	256	
	TRACT ONE	4-03-048: 10N,SE PETROLEUM AND NATURAL GAS
	TRACT TWO	4-03-048: 10SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0266	64	4-06-048: 24NE PETROLEUM AND NATURAL GAS
A0267	256	4-05-049: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE UPPER COLORADO SHALE (DRRZD 282)
A0268	32	4-01-050: 34L5,L12 PETROLEUM AND NATURAL GAS
A0269	16	4-02-051: 4L12 PETROLEUM AND NATURAL GAS
A0270	64	4-03-051: 14L5-L8 PETROLEUM AND NATURAL GAS
A0271	64	4-03-051: 36SE PETROLEUM AND NATURAL GAS
A0272	64	4-03-051: 36SW PETROLEUM AND NATURAL GAS
A0273	64	4-03-051: 36NW PETROLEUM AND NATURAL GAS
A0274	64	4-03-051: 36NE PETROLEUM AND NATURAL GAS
A0275	72.16	4-07-052: 13SP,NWP PORTION(S) DESIGNATED AS LAKE NO. 1 ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/09/13. PETROLEUM AND NATURAL GAS
A0276	256	4-12-054: 12 PETROLEUM AND NATURAL GAS
A0277	256	4-12-054: 24 PETROLEUM AND NATURAL GAS
A0278	128	4-22-056: 25N PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)
A0279	256	4-22-056: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0280	256	4-22-057: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0281	128	4-23-058: 14W PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0282	256	TRACT ONE 4-17-061: 18S PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-17-061: 18N PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0283	256	5-03-061: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
--- NORTHERN REGION ---			
A0284	64	5-13-048: 3SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
A0285	128	5-17-053: 27S PETROLEUM AND NATURAL GAS	
A0286	512	5-10-054: 24S, NE; 25E; 26SE; 36S PETROLEUM AND NATURAL GAS	
A0287	64	5-12-057: 19NE PETROLEUM AND NATURAL GAS	
A0288	832	5-13-057: 19S, NE; 20N, SW; 30SE, NW; 32N, SW 5-13-058: 6N PETROLEUM AND NATURAL GAS	(BWP001802)
A0289	256	5-12-058: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(NAT013101) (DRRZD 66)
A0290	64	5-12-058: 30NE PETROLEUM AND NATURAL GAS	
A0291	256	5-16-058: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(FRP003301) (FRP003701) (DRRZD 21)
A0292	256	5-14-059: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)

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LEASE	HECTARES	LAND DESCRIPTION	
A0293	256	5-13-062: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0294	64	5-16-066: 36SE PETROLEUM AND NATURAL GAS	
A0295	128	5-04-070: 14S PETROLEUM AND NATURAL GAS	
A0296	256	5-04-070: 32S,NW;33SW PETROLEUM AND NATURAL GAS	
A0297	384	5-14-073: 10N,SW;11N,SE PETROLEUM AND NATURAL GAS	
A0298	64	5-19-074: 32SE PETROLEUM AND NATURAL GAS	
A0299	64	5-19-075: 4SW PETROLEUM AND NATURAL GAS	
A0300	64	5-23-076: 25SE PETROLEUM AND NATURAL GAS	
A0301	256	5-25-079: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(ADM001901) (DRRZD 111)
A0302	64	5-09-082: 14NW PETROLEUM AND NATURAL GAS	
A0303	256	6-03-087: 5 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE NOTIKWIN MBR	(TSH002401) (ZD 3445)
A0304	128	6-05-087: 12S PETROLEUM AND NATURAL GAS	
A0305	256	6-05-087: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GRANITE WASH	(DRRZD 155)
90	19,848.16	HA TOTALS	END

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LICENCE	HECTARES	LAND DESCRIPTION	
B0314	1024	6-06-061: 23;27;35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG000701) (ES4000103) (DRRZD 21)
B0315	512	6-06-061: 35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(ES4000103) (DRRZD 22) (DRRZD 21)
B0316	1024	TRACT ONE 6-07-062: 3;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TRACT TWO 6-07-062: 10;16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(CRG000701) (DRRZD 21) (DRRZD 276)
B0317	512	6-07-062: 33;34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0318	768	TRACT ONE 6-08-062: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TRACT TWO 6-08-062: 11;14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(CRG000701) (DRRZD 22) (DRRZD 276)
B0319	256	6-08-062: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR TO THE BASE OF THE CARDIUM FM	(CRG000701) (DRRZD 77) (DRRZD 51)
B0320	1280	TRACT ONE 6-08-062: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TRACT TWO 6-08-062: 22;28;30;34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG000701) (DRRZD 38) (DRRZD 21)
B0321	768	TRACT ONE 6-08-062: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD TRACT TWO 6-08-062: 22S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD TRACT THREE 6-08-062: 22N;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG000701) (DRRZD 21) (DRRZD 51) (DRRZD 21) (DRRZD 38) (DRRZD 21)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0322	256	5-20-063: 10 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0323	256	5-20-063: 15 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0324	256	5-20-063: 22 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE BEAVERHILL LAKE GRP	(PRA002001) (DRRZD 5)
B0325	512	TRACT ONE 5-21-063: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
		TRACT TWO 5-21-063: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
B0326	1024	6-08-063: 4;5;7;8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG000701) (DRRZD 21)
B0327	256	6-08-063: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUNVEGAN FM	(CRG000701) (DRRZD 51) (DRRZD 38)
B0328	1024	6-08-063: 11;15;23;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES4000103) (DRRZD 21)
B0329	1280	6-09-063: 1;2;10;15;16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(CRG000701) (DRRZD 276)
B0330	1280	TRACT ONE 6-09-063: 10N;15;16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE FERNIE GRP	(CRG000701) (DRRZD 51) (DRRZD 276)
		TRACT TWO 6-09-063: 1;2;10S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUNVEGAN FM	(DRRZD 51) (DRRZD 38)
B0331	512	TRACT ONE 5-21-065: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
		TRACT TWO 5-21-065: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0332	256	5-22-065: 14 PETROLEUM AND NATURAL GAS	
B0333	1024	6-09-065: 22;27;28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0334	768	TRACT ONE 6-10-065: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT TWO 6-10-065: 12;13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0335	256	6-10-065: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0336	768	TRACT ONE 6-10-065: 28;32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT TWO 6-10-065: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0337	1536	5-14-066: 34;35 5-14-067: 2;3;10;11 PETROLEUM AND NATURAL GAS	
B0338	1024		(CRG000701)
		TRACT ONE 6-10-066: 16;20;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT TWO 6-10-066: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 22) (DRRZD 21)
B0339	256	6-10-066: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG000701) (DRRZD 21)
B0340	1024		(CRG000701) (TSH002501)
		6-11-066: 21;22;29;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0341	1280		(CRG000701)
		6-10-067: 6 6-11-067: 1;12;14;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0342	1024		
	TRACT ONE	6-10-067: 19;30 6-11-067: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
	TRACT TWO	6-10-067: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0343	512	6-10-067: 33 6-10-068: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0344	768		(CRG000701)
		6-11-067: 8;17;19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0345	256	6-10-068: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE HALFWAY FM	(DRRZD 22) (DRRZD 246)
B0346	512		
	TRACT ONE	6-11-068: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
	TRACT TWO	6-11-068: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0347	512		
	TRACT ONE	6-08-069: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-08-069: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0348	256	6-08-069: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 38) (DRRZD 21)
B0349	256	6-10-069: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0350	512		(HRV000602)
	TRACT ONE	6-11-069: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	6-11-069: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0351	1792	5-04-070: 10;15;16;20;21;28;29 PETROLEUM AND NATURAL GAS	
B0352	1536	TRACT ONE 5-13-070: 19;20;29;30;32 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-13-070: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
B0353	512	5-01-087: 31;32 PETROLEUM AND NATURAL GAS	(ADM002001)
B0354	2048		(TSH002401)
		TRACT ONE 6-02-087: 31 6-02-088: 5;6 6-03-087: 36 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-02-088: 4N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM EXCEPTING NATURAL GAS IN THE BLUESKY-BULLHEAD	(DRRZD 22) (ZD 2905)
		TRACT THREE 6-02-087: 30;32;33 6-02-088: 4S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
B0355	7168	5-22-111: 11-16;19-35 5-22-112: 2-6 PETROLEUM AND NATURAL GAS	
B0356	6144	TRACT ONE 5-22-112: 30;31 5-23-112: 1-4;9-12;14;15;22;23;25-27 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-23-112: 16;21;28;33-36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DRIFT UNDIFFERENTIATED	(DRRZD 281)
B0357	6400	TRACT ONE 5-19-113: 22-27;34;35 5-19-114: 1-3;10-12;15-17;21;22;27;33-36 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-19-113: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0358	7168	5-16-114: 17-20;29-32 5-17-114: 13-27;32-36 PETROLEUM AND NATURAL GAS	(CRG000801)
B0359	7168	5-18-114: 1-16;21-28;31-34 PETROLEUM AND NATURAL GAS	(CRG000801)

2012, SEPTEMBER 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0360	2048	5-21-114: 28;29;32;33 5-21-115: 3;4;9;10 PETROLEUM AND NATURAL GAS	
B0361	8192	5-17-115: 4;9;16-21;28-33 5-17-116: 1-18 PETROLEUM AND NATURAL GAS	(CRG000801)
B0362	6144	TRACT ONE 5-18-115: 1-4;6-24 PETROLEUM AND NATURAL GAS	(CRG000801)
		TRACT TWO 5-18-115: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0363	7680	5-18-115: 25-36 5-18-116: 1-18 PETROLEUM AND NATURAL GAS	
B0364	7680	5-19-115: 1-4;9-30 5-20-115: 13;24-26 PETROLEUM AND NATURAL GAS	
B0365	6912	5-19-115: 31-36 5-19-116: 1-18 5-20-115: 34-36 PETROLEUM AND NATURAL GAS	
B0366	2048	5-21-115: 26-28;34;35 5-21-116: 1-3 PETROLEUM AND NATURAL GAS	
B0367	7168	5-20-116: 4-9;16-21;28-33 5-20-117: 4-9;16-18 5-21-117: 13 PETROLEUM AND NATURAL GAS	
B0368	7936	5-16-117: 19;30;31 5-16-118: 6 5-17-117: 4;9;16;19-36 5-17-118: 1-6 PETROLEUM AND NATURAL GAS	(CRG000801)
B0369	7680	5-18-117: 19-36 5-18-118: 1-12 PETROLEUM AND NATURAL GAS	
B0370	6144	5-19-117: 4-9;16-21 5-20-117: 1-3;10-15;22-24 PETROLEUM AND NATURAL GAS	
B0371	7680	5-22-117: 13-36 5-22-118: 1-6 PETROLEUM AND NATURAL GAS	(CRG000801)
B0372	7680	5-19-118: 2-11;14-23;26-35 PETROLEUM AND NATURAL GAS	

2012, SEPTEMBER 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0373	6912	5-19-119: 4-9;16-36 PETROLEUM AND NATURAL GAS	(CRG000801)
B0374	6144	5-20-119: 1;2;11-15;18;19;22-36 PETROLEUM AND NATURAL GAS	(CRG000801)
B0375	1792	5-20-120: 21;22;28;33 5-20-121: 4;9;10 PETROLEUM AND NATURAL GAS	(CRG000801)
B0376	2560	5-21-120: 9;10;15;16;21-25;36 PETROLEUM AND NATURAL GAS	(CRG000801)
B0377	2048	5-22-120: 3-9 5-23-120: 12 PETROLEUM AND NATURAL GAS	(CRG000801)
B0378	2048	5-22-120: 17-20;30 5-23-120: 13;24;25 PETROLEUM AND NATURAL GAS	(CRG000801)
B0379	1536	5-22-120: 31 5-23-120: 35;36 5-23-121: 2;11;14 PETROLEUM AND NATURAL GAS	(CRG000801)
B0380	1536	5-23-120: 1;2;11;14;23;26 PETROLEUM AND NATURAL GAS	(CRG000801)
B0381	960	5-21-121: 4N,SE;5;7;8 PETROLEUM AND NATURAL GAS	(CRG000801)
B0382	2048	5-21-121: 14;15;22;23;26;27;34;35 PETROLEUM AND NATURAL GAS	(CRG000801)
B0383	768	5-21-121: 25;36 5-21-122: 1 PETROLEUM AND NATURAL GAS	(CRG000801)
B0384	1024	5-22-121: 6;7;18;19 PETROLEUM AND NATURAL GAS	(CRG000801)
B0385	1792	5-22-121: 16;20;21;28;29;32;33 PETROLEUM AND NATURAL GAS	(CRG000801)
B0386	1536	5-22-121: 24-27;34;36 PETROLEUM AND NATURAL GAS	(CRG000801)
B0387	1536	5-22-121: 30;31 5-22-122: 6 5-23-121: 26;35 5-23-122: 2 PETROLEUM AND NATURAL GAS	(CRG000801)

2012, SEPTEMBER 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0388	1792	5-20-122: 1;2;11-15 PETROLEUM AND NATURAL GAS	(CRG000801)
B0389	2048	5-20-122: 20;29-32 5-20-123: 4-6 PETROLEUM AND NATURAL GAS	(CRG000801)
B0390	2048	5-22-122: 1-5;10-12 PETROLEUM AND NATURAL GAS	(CRG000801)
B0391	1792	5-20-123: 7-9;15-18 PETROLEUM AND NATURAL GAS	(CRG000801)
B0392	2048	5-20-123: 19-22;27-30 PETROLEUM AND NATURAL GAS	(CRG000801)
B0393	2048	5-20-123: 25;26;31-36 PETROLEUM AND NATURAL GAS	(CRG000801)
B0394	1024	5-21-123: 1-4 PETROLEUM AND NATURAL GAS	(CRG000801)
B0395	2816	5-21-123: 11-14;23-26;34-36 PETROLEUM AND NATURAL GAS	(CRG000801)
--- FOOTHILLS REGION ---			
B0396	1280	5-04-025: 2;11;12;14;24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
B0397	512	5-26-054: 31 5-26-055: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (NAT015701) (DRRZD 21)
B0398	512	5-26-054: 31 5-26-055: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (NAT015701) (DRRZD 38) (DRRZD 21)
B0399	768	5-26-054: 33;35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (NAT015801) (DRRZD 21)

2012, SEPTEMBER 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0400	768		(ES2000104) (NAT015801)
	TRACT ONE	5-26-054: 35;36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-26-054: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 38) (DRRZD 21)
B0401	1024		(ES2000104)
		5-27-054: 23;24;26;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0402	1024		(ES2000104)
	TRACT ONE	5-27-054: 23;27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-27-054: 24;26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 51) (DRRZD 21)
B0403	512		(CRG000601) (ES2000104) (SIP000601)
		5-27-055: 35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0404	512		(CRG000601) (ES2000104) (SIP000601)
	TRACT ONE	5-27-055: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-27-055: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 51) (DRRZD 21)
B0405	768		(CRG000701) (ES4000103)
	TRACT ONE	6-07-061: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
	TRACT TWO	6-07-061: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	6-07-061: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0406	256		(CRG000701) (ES4000103)
		6-07-061: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 77) (DRRZD 21)

2012, SEPTEMBER 19

LICENCE	HECTARES	LAND DESCRIPTION	
B0407	1024		(CRG000701) (ES2000103)
	TRACT ONE	6-08-062: 18 6-09-062: 14;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-09-062: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
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B0408	768		(CRG000701) (ES2000103)
		6-08-062: 18 6-09-062: 14;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 22) (DRRZD 21)
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103	219,621.88	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

ZD: 174 ZONE: 2140 VIKING FM
INTERVAL: 2,408.00 - 2,509.00 FEET
KEY WELL: 00/11-29-035-03W4/0
LOG TYPE: INDUCTION ELECTRICAL

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: 2905 ZONE: 3052 BLUESKY-BULLHEAD
INTERVAL: 2,592.00 - 2,790.00 FEET
KEY WELL: 00/15-33-087-02W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3445 ZONE: 2660 NOTIKWIN MBR
INTERVAL: 632.50 - 652.00 METRES
KEY WELL: 00/07-04-087-03W6/0
LOG TYPE: DUAL INDUCTION SFL

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, SEPTEMBER 19 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: 5 ZONE: 7440 BEAVERHILL LAKE GRP

INTERVAL: 8,645.00 - 9,118.00 FEET
KEY WELL: 00/10-22-068-11W5/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 6 ZONE: 2140 VIKING FM

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

DRRZD: 8 ZONE: 2130 BOW ISLAND SD

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

DRRZD: 12 ZONE: 1640 MEDICINE HAT SD

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

DRRZD: 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: 21 ZONE: 3052 BLUESKY-BULLHEAD

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

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

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

DRRZD: 32 ZONE: 5560 BELLOY FM

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

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: 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: 58 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 3,568.00 - 4,088.00 FEET
KEY WELL: 00/10-26-085-04W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 66 ZONE: 4440 NORDEGG MBR

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

DRRZD: 77 ZONE: 1540 CHINOOK MBR

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

DRRZD: 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

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

DRRZD: 111 ZONE: 5000 TRIASSIC SYSTEM

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

DRRZD: 155 ZONE: 7975 GRANITE WASH

INTERVAL: 7,227.00 - 7,304.00 FEET
KEY WELL: 00/11-16-082-07W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 246 ZONE: 5160 HALFWAY FM

INTERVAL: 6,344.00 - 6,402.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 276 ZONE: 4140 FERNIE GRP

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

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: 281 ZONE: 0009 DRIFT UNDIFFERENTIATED

INTERVAL: 5.00 - 222.00 METRES
KEY WELL: 00/16-33-110-03W6/0
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

DRRZD: 282 ZONE: 1602 UPPER COLORADO SHALE

INTERVAL: 373.00 - 493.00 METRES
KEY WELL: 00/01-05-045-07W4/0
LOG TYPE: PHOTO DENSITY DUAL SPACED NEUTRON

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

ADM001901

LEASE A0301

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

ADM002001

LICENCE B0353

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

BWP001802 LAND DESCRIPTION

LEASE A0288 5-13-058: 6N

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

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) 723-8244

CRG000601 LAND DESCRIPTION
LICENCE B0403 5-27-055: 35N;36N
LICENCE B0404 5-27-055: 35N;36N

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SHARAD KARMACHARYA
LAND MANAGEMENT PLANNER
HINTON OFFICE - LAND USE AREA- LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV
131 CIVIC CENTRE RD FLOOR 3
HINTON AB T7V 2E6 (780) 865-8267

CRG000701 LAND DESCRIPTION
LICENCE B0313 6-06-061: 18;20;30;32
6-07-061: 25
LICENCE B0314 6-06-061: 23S,NE
LICENCE B0316 6-07-062: 3;10;16E;22S
LICENCE B0318 6-08-062: 11;13W;14
LICENCE B0319
LICENCE B0320 6-08-062: 22E;29;30
LICENCE B0321 6-08-062: 22E;30
LICENCE B0326 6-08-063: 5;7;8
LICENCE B0327 6-08-063: 5
LICENCE B0329
LICENCE B0330
LICENCE B0338 6-10-066: 19;20NW;30
LICENCE B0339 6-10-066: 19
LICENCE B0340 6-11-066: 21;22N,SW;29;33
LICENCE B0341 6-10-067: 6
6-11-067: 1;12;14;22W
LICENCE B0344
LICENCE B0405 6-07-061: 19;30;31
LICENCE B0406
LICENCE B0407
LICENCE B0408

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

CRG000801 LAND DESCRIPTION
 LICENCE B0358 5-16-114: 17-20;29-32
 5-17-114: 13-17;18E;19E;20-27;32-36
 LICENCE B0359 5-18-114: 1SE;34
 LICENCE B0361 5-17-115: 4;9;16-18;19SE;20;21;28;29;31E;32;33
 5-17-116: 1-18
 LICENCE B0362 5-18-115: 1;2;11SE;12;13SE
 LICENCE B0368 5-16-117: 19;30;31
 5-16-118: 6S,NE
 5-17-117: 4;9;16S,NE;22-26;27SE;35SE;36
 LICENCE B0371 5-22-117: 31NW
 5-22-118: 5NW;6
 LICENCE B0373 5-19-119: 25N;26N;27N;28N;29N;30N;31-36
 LICENCE B0374 5-20-119: 18N,SW;19;25N;26N;27N,SW;28-36
 LICENCE B0375
 LICENCE B0376
 LICENCE B0377
 LICENCE B0378
 LICENCE B0379
 LICENCE B0380
 LICENCE B0381
 LICENCE B0382
 LICENCE B0383
 LICENCE B0384
 LICENCE B0385
 LICENCE B0386
 LICENCE B0387
 LICENCE B0388
 LICENCE B0389
 LICENCE B0390
 LICENCE B0391
 LICENCE B0392
 LICENCE B0393
 LICENCE B0394
 LICENCE B0395

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

ES2000103 LAND DESCRIPTION
 LICENCE B0407 6-09-062: 15SP,NWP
 LICENCE B0408 6-09-062: 15SP,NWP

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

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

ES2000104 LAND DESCRIPTION
LICENCE B0307 5-25-055: 5EP,W;7;18
LICENCE B0308 5-25-055: 5EP,W;7;18
LICENCE B0309 5-26-055: 19NP,SEP;28N,SEP,SW;29
LICENCE B0310 5-26-055: 19NP,SEP;28N,SEP,SW;29
LICENCE B0397 5-26-054: 31NWP
 5-26-055: 5SP,NW,NEP
LICENCE B0398 5-26-054: 31NWP
 5-26-055: 5SP,NW,NEP
LICENCE B0399 5-26-054: 35;36
LICENCE B0400 5-26-054: 35;36
LICENCE B0401 5-27-054: 26NP,SEP
LICENCE B0402 5-27-054: 26NP,SEP
LICENCE B0403 5-27-055: 35SP;36SP,NEP
LICENCE B0404 5-27-055: 35SP;36SP,NEP

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:

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

ES4000103 LAND DESCRIPTION
LICENCE B0314 6-06-061: 23S,NP;36SEP
LICENCE B0315 6-06-061: 36SEP
LICENCE B0328 6-08-063: 23NP;27S,NP
LICENCE B0405 6-07-061: 19SE,SWP,NW,NEP;30SWP
LICENCE B0406 6-07-061: 30SWP

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

FRP003301 LAND DESCRIPTION
LEASE A0291 5-16-058: 36L4P

IS/ARE WITHIN A FOREST RESEARCH PLOT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

FRP003701 LAND DESCRIPTION
LEASE A0291 5-16-058: 36L7P,L8P,L9P,L10P

IS/ARE WITHIN A FOREST RESEARCH PLOT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

HRV000203 LAND DESCRIPTION
LEASE A0220 4-17-006: 36L5

IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

HRV000602 LAND DESCRIPTION
LICENCE B0350 6-11-069: 11L13,L14

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

NAT013101 LAND DESCRIPTION
LEASE A0289 5-12-058: 28EP

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

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

NAT015701 LAND DESCRIPTION
LICENCE B0309 5-26-055: 29L1W, L2E, L7, L8W, L9W, L10, L11N, L11SE, L13-L15,
L16W
LICENCE B0310 5-26-055: 29L1W, L2E, L7, L8W, L9W, L10, L11N, L11SE, L13-L15,
L16W
LICENCE B0397 5-26-055: 5L4W, L5W, L12W, L13N, L13SW
LICENCE B0398 5-26-055: 5L4W, L5W, L12W, L13N, L13SW

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

NAT015801 LAND DESCRIPTION
LICENCE B0307 5-25-055: 5L4SW; 7L3S, L4SE
LICENCE B0308 5-25-055: 5L4SW; 7L3S, L4SE
LICENCE B0399 5-26-054: 35; 36W, L1W, L2, L7, L8W, L9W, L10, L15, L16W
LICENCE B0400 5-26-054: 35; 36W, L1W, L2, L7, L8W, L9W, L10, L15, L16W

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

PRA002001 LAND DESCRIPTION
LICENCE B0324 5-20-063: 22SWP

IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

SURFACE ACCESS IS NOT PERMITTED

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

PRP009401 LAND DESCRIPTION
LICENCE B0306 5-03-025: 14NEP; 20NP; 29SP, NWP, NE; 30P; 32SP

IS/ARE WITHIN A PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, SEPTEMBER 19 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

SIP000601 LAND DESCRIPTION
 LICENCE B0403 5-27-055: 35N;36N
 LICENCE B0404 5-27-055: 35N;36N

IS/ARE WITHIN THE BERLAND SMOKY INDUSTRIAL ACCESS CORRIDOR PLAN (2008) AND IS SUBJECT TO ASRD INFORMATION LETTER 2008-05.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HUGELSCHAFFER
 SECTION HEAD
 EDSON OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV
 111 54 ST SUITE 203
 EDSON AB T7E 1T2 (780) 865-8267

TSH002401 LAND DESCRIPTION
 LEASE A0303 6-03-087: 5SP,NWP,NE
 LICENCE B0354 6-02-087: 30SEP;31SP,N;32P;33NP,SWP
 6-02-088: 4NP,SEP,SW;5SP,NEP;6NP,SEP,SW
 6-03-087: 36NP,SEP

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

TSH002501 LAND DESCRIPTION
 LICENCE B0340 6-11-066: 22SP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIKY
 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

END