

2012 OCTOBER 31

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2012.10.31

From	To	Total	Area
LEASES: A0001	A0056	56	14,496.0000 ha.
LICENCES: B0057	B0097	41	31,517.7200 ha.

		97	46,013.7200 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 October 31**.

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 October 31** 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 September 05
EDMONTON, Alberta

Christine Rudland - Manager
P&NG Sales and Registrations

2012, OCTOBER 31

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	256	4-25-009: 16 PETROLEUM AND NATURAL GAS	
A0002	64	4-25-009: 28SE PETROLEUM AND NATURAL GAS	(PDR000801)
A0003	256	4-19-011: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0004	256	TRACT ONE 4-19-011: 10W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-19-011: 10E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0005	256	4-22-014: 18 PETROLEUM AND NATURAL GAS	
A0006	112	4-22-014: 30L1-L5,L12,L13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0007	768	4-26-019: 32 4-26-020: 6 4-27-019: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0008	512	4-26-020: 18 4-27-020: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0009	768	4-26-020: 20;29;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0010	1024	4-27-020: 2;11;12;14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0011	64	4-13-022: 7NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(HRV000601) (DRRZD 4)
A0012	256	4-06-024: 23 PETROLEUM AND NATURAL GAS	(HRV000401)
A0013	256	4-18-029: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0014	256	4-18-029: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0015	256	4-18-029: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0016	256	4-18-029: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0017	256	4-19-029: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0018	128	4-19-029: 7S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0019	192	4-19-029: 29N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0020	256	4-19-029: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0021	256	4-19-029: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0022	256	TRACT ONE 4-22-029: 33SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM	(DRRZD 30)
		TRACT TWO 4-22-029: 33W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE PEKISKO FM	(DRRZD 6) (DRRZD 30)
		TRACT THREE 4-22-029: 33NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0023	256	4-19-030: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0024	256	4-19-030: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0025	256	4-19-030: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0026	256	4-19-030: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0027	256	4-19-030: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0028	64	4-26-030: 7SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE WABAMUN GRP	(DRRZD 39) (DRRZD 277)
A0029	256	4-27-031: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE WABAMUN GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 39) (DRRZD 277) (DRRZD 7)
A0030	256	4-27-031: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 6) (DRRZD 277)
A0031	256	4-01-035: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0032	256	4-01-035: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0033	240	4-05-039: 15N, SW, L1, L2, L7 PETROLEUM AND NATURAL GAS	
A0034	256	4-05-039: 17 PETROLEUM AND NATURAL GAS	
A0035	256	4-05-039: 20 PETROLEUM AND NATURAL GAS	
A0036	256	4-05-039: 21 PETROLEUM AND NATURAL GAS	
A0037	256	4-05-039: 29 PETROLEUM AND NATURAL GAS	
A0038	256	4-05-039: 30 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0039	448		
	TRACT ONE	4-21-046: 4S, NE, L11, L14 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-21-046: 9N, SE, L3, L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0040	64	5-03-047: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0041	256	4-15-048: 14 PETROLEUM AND NATURAL GAS	
A0042	64	4-04-050: 11SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0043	64	4-04-050: 11SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0044	64	4-04-050: 11NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0045	64	4-04-050: 11NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0046	64	4-04-050: 12SW PETROLEUM AND NATURAL GAS	
A0047	64	4-04-050: 12NW PETROLEUM AND NATURAL GAS	
A0048	64	4-04-050: 12NE PETROLEUM AND NATURAL GAS	
A0049	256	4-04-050: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0050	768		
	TRACT ONE	4-05-052: 10;11 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-05-052: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
A0051	192	5-07-041: 28S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0052	256	5-06-051: 26 PETROLEUM AND NATURAL GAS	
A0053	256	5-14-059: 29 PETROLEUM AND NATURAL GAS	
A0054	256	5-14-059: 32 PETROLEUM AND NATURAL GAS	
A0055	256	5-14-059: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0056	192	6-05-063: 29S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
56	14,496.00	HA TOTALS	END

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LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0057	1536		
	TRACT ONE	4-21-012: 27;32 4-21-013: 5;6S,NE;7S PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-21-013: 7N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 273)
	TRACT THREE	4-21-013: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
	TRACT FOUR	4-21-013: 6NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM	(DRRZD 28)

B0058	1536		
	TRACT ONE	4-05-039: 3;4;9;10 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-05-038: 34 4-05-039: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

--- NORTHERN REGION ---			
B0059	768		(ES2000103)
	TRACT ONE	6-06-063: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BELLOY FM	(DRRZD 22) (DRRZD 32)
	TRACT TWO	6-06-064: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE BELLOY FM	(DRRZD 21) (DRRZD 32)
	TRACT THREE	6-07-063: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP TO THE BASE OF THE BELLOY FM	(DRRZD 276) (DRRZD 32)

B0060	256		(CRG000701)
		6-09-063: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHINOOK MBR	(DRRZD 77)

B0061	1024		
		6-10-064: 13;23;27;33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHINOOK MBR	(DRRZD 77)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0062	1280		
	TRACT ONE	6-10-064: 13;23;27;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 77) (DRRZD 22)
	TRACT TWO	6-10-064: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 38) (DRRZD 22)
B0063	1024	5-23-074: 32;33 5-23-075: 4;9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)
B0064	1152		
	TRACT ONE	6-07-076: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
	TRACT TWO	6-07-076: 1;10SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
	TRACT THREE	6-07-076: 10N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE DOIG FM	(DRRZD 25) (DRRZD 251)
	TRACT FOUR	6-07-076: 11;16S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(DRRZD 21) (DRRZD 251)
B0065	1152.52		
	TRACT ONE	6-07-076: 14;15;23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
	TRACT TWO	6-07-076: 24W,SEP PORTION(S) DESIGNATED AS BURNT RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1920/11/22. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE DOIG FM	(DRRZD 38) (DRRZD 251)
	TRACT THREE	6-07-076: 22 NATURAL GAS IN THE PADDY MBR NATURAL GAS IN THE CADOMIN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(ZD 2800-1) (ZD 2800-1) (DRRZD 21) (DRRZD 251)
B0066	2816		(ADM001901)
	TRACT ONE	5-21-078: 30 5-22-078: 22-24 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-22-078: 26;27;34;35 5-22-079: 2;3;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0067	448	5-06-091: 5S,NW;6 PETROLEUM AND NATURAL GAS	(ADM002001)
B0068	512	5-06-091: 7;18 PETROLEUM AND NATURAL GAS	(ADM002001)
B0069	512	5-06-091: 8;9 PETROLEUM AND NATURAL GAS	(ADM002001)
B0070	512	5-06-091: 16;17 PETROLEUM AND NATURAL GAS	(ADM002001)
B0071	512	5-06-091: 20;21 PETROLEUM AND NATURAL GAS	(ADM002001)
B0072	512	5-06-091: 28;29 PETROLEUM AND NATURAL GAS	(ADM002001)
B0073	256	5-07-091: 17 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0074	256	5-07-091: 18 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0075	256	5-07-091: 20 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0076	256	5-07-091: 21 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0077	256	5-07-091: 29 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0078	256	5-07-091: 31 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0079	256	5-07-091: 32 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0080	256	5-08-091: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001902) (CRG000401) (DRRZD 21)
B0081	256	5-08-091: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001902) (CRG000401) (DRRZD 21)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0082	256	5-08-091: 22 PETROLEUM AND NATURAL GAS	(ADM001902) (CRG000401)
B0083	256	5-08-091: 23 PETROLEUM AND NATURAL GAS	(ADM001902) (CRG000401)
B0084	256	5-08-091: 26 PETROLEUM AND NATURAL GAS	(ADM001902) (CRG000401)
B0085	256	5-08-091: 27 PETROLEUM AND NATURAL GAS	(ADM001902) (CRG000401)
B0086	256	5-07-092: 6 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
B0087	2560	TRACT ONE 5-09-093: 6 PETROLEUM AND NATURAL GAS TRACT TWO 5-09-092: 29-32 5-09-093: 5 5-10-092: 25;26;35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001902) (DRRZD 21)
B0088	2816	TRACT ONE 5-10-092: 30;31 PETROLEUM AND NATURAL GAS TRACT TWO 5-10-092: 20-22;27-29;32-34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001902) (DRRZD 21)
B0089	1024	5-17-122: 15;22;23;27 PETROLEUM AND NATURAL GAS	(CRG000801)
B0090	1024	5-17-122: 16;17;20;21 PETROLEUM AND NATURAL GAS	(CRG000801)
B0091	768	TRACT ONE 5-17-122: 28N,SW;29;30 PETROLEUM AND NATURAL GAS TRACT TWO 5-17-122: 28SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(CRG000801) (DRRZD 18)
B0092	512	5-18-123: 15;23 PETROLEUM AND NATURAL GAS	(CRG000801)

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LICENCE	HECTARES	LAND DESCRIPTION	
--- FOOTHILLS REGION ---			
B0093	256	5-27-055: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
B0094	2653.2		(CRG000601) (SIP000601)
TRACT ONE		5-27-056: 6EF;19EF 6-01-056: 12 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-27-055: 29;30EF;31EF;32;33 6-01-056: 4;9-11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
TRACT THREE		5-27-056: 7EF;18EF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0095	256	6-05-060: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHINOOK MBR	(DRRZD 77)
B0096	256	6-05-060: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHINOOK MBR	(DRRZD 77)
B0097	256	6-08-061: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHINOOK MBR	(CRG000701) (DRRZD 77)
41	31,517.72	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2012, OCTOBER 31 PUBLIC OFFERING NOTICE

ZD: 2800-1

ZONE: 2300 PADDY MBR

INTERVAL: 3,940.00 - 3,975.00 FEET

KEY WELL: 00/06-01-075-07W6/0

LOG TYPE: INDUCTION ELECTROLOG

ZONE: 3480 CADOMIN FM

INTERVAL: 5,729.00 - 5,751.00 FEET

KEY WELL: 00/06-01-075-07W6/0

LOG TYPE: INDUCTION ELECTROLOG

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, OCTOBER 31 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: 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: 18 ZONE: 7580 SLAVE POINT FM

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

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

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

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

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

DRRZD: 25 ZONE: 1900 DOE CREEK MBR

INTERVAL: 2,330.00 - 2,393.00 FEET
KEY WELL: 00/07-04-075-10W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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DRRZD: 236 ZONE: 6280 LIVINGSTONE FM

INTERVAL: 971.00 - 1,108.00 METRES
KEY WELL: 00/08-20-014-15W4/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 251 ZONE: 5200 DOIG FM

INTERVAL: 1,770.00 - 1,853.00 METRES
KEY WELL: 00/03-22-078-10W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 264 ZONE: 5240 MONTNEY FM

INTERVAL: 2,229.00 - 2,491.50 METRES
KEY WELL: 00/06-32-076-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 273 ZONE: 2030 FISH SCALE-WESTGATE

INTERVAL: 794.00 - 841.00 METRES
KEY WELL: 02/06-13-011-20W4/0
LOG TYPE: INDUCTION ELECTRIC

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: 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

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, OCTOBER 31 PUBLIC OFFERING NOTICE

ADM001901

LICENCE B0066

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

LICENCE B0080
 LICENCE B0081
 LICENCE B0082
 LICENCE B0083
 LICENCE B0084
 LICENCE B0085
 LICENCE B0087
 LICENCE B0088

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

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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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, OCTOBER 31 PUBLIC OFFERING NOTICE

ADM002001

LICENCE B0067
LICENCE B0068
LICENCE B0069
LICENCE B0070
LICENCE B0071
LICENCE B0072
LICENCE B0073
LICENCE B0074
LICENCE B0075
LICENCE B0076
LICENCE B0077
LICENCE B0078
LICENCE B0079
LICENCE B0086

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

CRG000401

LICENCE B0073
LICENCE B0074
LICENCE B0075
LICENCE B0076
LICENCE B0077
LICENCE B0078
LICENCE B0079
LICENCE B0080
LICENCE B0081
LICENCE B0082
LICENCE B0083
LICENCE B0084
LICENCE B0085
LICENCE B0086

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, OCTOBER 31 PUBLIC OFFERING NOTICE

CRG000601 LAND DESCRIPTION
 LICENCE B0094 5-27-055: 31NE;32N;33N
 5-27-056: 6E;7E;18E;19E
 6-01-056: 4;9-12

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
 LICENCE B0060
 LICENCE B0097

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

CRG000801
 LICENCE B0089
 LICENCE B0090
 LICENCE B0091
 LICENCE B0092

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

ES2000103 LAND DESCRIPTION
 LICENCE B0059 6-06-064: 8NP

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

PAGE 4

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, OCTOBER 31 PUBLIC OFFERING NOTICE

HRV000401 LAND DESCRIPTION
LEASE A0012 4-06-024: 23L14

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:

DEAN WETZEL
LAND USE PLANNER, OIL SANDS
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) 431-2332

HRV000601

LEASE A0011

ALL LAND(S) 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:

DEAN WETZEL
LAND USE PLANNER, OIL SANDS
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) 431-2332

PDR000801 LAND DESCRIPTION

LEASE A0002 4-25-009: 28L7P, L8P

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:

OWEN GIBSON
LAND & CONTRACT MANAGEMENT
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
SOUTHERN REGION
OPERATIONS
200 5 AVE S FLOOR 2
LETHBRIDGE AB T1J 4L1 (403) 381-5298

SIP000601 LAND DESCRIPTION

LICENCE B0094 5-27-055: 31NE;32N;33N
5-27-056: 6E;7E;18E;19E
6-01-056: 4;9-12

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, OCTOBER 31 PUBLIC OFFERING NOTICE

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

END