

2012 JUNE 13

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2012.06.13

From	To	Total	Area
LEASES: A0001	A0071	71	25,023.8840 ha.
LICENCES: B0072	B0099	28	25,024.0000 ha.

		99	50,047.8840 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 June 13**.

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 June 13** 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 April 18
EDMONTON, Alberta

Christine Rudland - Manager
P&NG Sales and Registrations

2012, JUNE 13

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	1280	4-17-002: 31;32 4-17-003: 3 4-18-002: 36 4-18-003: 1 PETROLEUM AND NATURAL GAS	(HRV000401) (NAT015201)
A0002	1536	4-18-002: 19;20;29-32 PETROLEUM AND NATURAL GAS	(NAT015201) (PDR000101)
A0003	1792	4-18-003: 4-6;9;10;15;22 PETROLEUM AND NATURAL GAS	(NAT015201)
A0004	1024	4-16-004: 3;4;9;10 PETROLEUM AND NATURAL GAS	
A0005	64	4-16-009: 28NW PETROLEUM AND NATURAL GAS	
A0006	64	4-16-009: 33SE PETROLEUM AND NATURAL GAS	
A0007	192	4-21-012: 13N,SW PETROLEUM AND NATURAL GAS	
A0008	256	4-21-012: 23 PETROLEUM AND NATURAL GAS	
A0009	256	4-21-012: 28 PETROLEUM AND NATURAL GAS	
A0010	256	TRACT ONE 4-09-015: 33W,L2,L7,L10,L15,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
		TRACT TWO 4-09-015: 33L1,L8,L9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0011	1024	TRACT ONE 4-16-030: 21;32;33W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TRACT TWO 4-16-030: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		TRACT THREE 4-16-030: 33E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)

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LEASE	HECTARES	LAND DESCRIPTION	
A0012	256		
	TRACT ONE	4-16-030: 22S,NE 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)
	TRACT TWO	4-16-030: 22NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280) (DRRZD 13)
		TO THE BASE OF THE SECOND WHITE SPECKS PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0013	512		
	TRACT ONE	4-16-030: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	4-16-030: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0014	128		
		4-01-031: 33S PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0015	128		
		4-01-031: 33S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0016	256		
		4-01-034: 28 PETROLEUM AND NATURAL GAS	
A0017	1600		
		4-02-034: 26NE;33;34 4-02-035: 5;6;16;17 PETROLEUM AND NATURAL GAS	
A0018	256		
		4-01-035: 27 PETROLEUM AND NATURAL GAS	
A0019	256		
		4-05-037: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0020	64		
		4-03-038: 20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0021	16		
		4-03-038: 20L10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0022	16		
		4-03-038: 20L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0023	16	4-03-038: 20L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0024	3520	4-07-039: 10;11;12W;21;22;27-29;32-34 4-07-040: 6 4-08-039: 26NE;34;36 PETROLEUM AND NATURAL GAS	
A0025	256	4-07-039: 36 PETROLEUM AND NATURAL GAS	
A0026	31.884	4-22-040: 5NWP;8SWP PORTION(S) SHOWN AS A LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1894/09/27. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(PFC000201) (WLT001001) (DRRZD 39)
A0027	256	4-26-040: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 6) (DRRZD 4)
A0028	256	4-26-040: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0029	256	4-13-041: 32 PETROLEUM AND NATURAL GAS	
A0030	256	4-03-052: 28 PETROLEUM AND NATURAL GAS	
A0031	240	4-21-057: 18S,NW,L9,L10,L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP	(DRRZD 6) (DRRZD 284)
A0032	256	4-23-058: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE TOP OF THE ELK POINT GRP	(DRRZD 6) (DRRZD 284)
A0033	256	4-18-061: 7 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0034	256	4-26-064: 30 PETROLEUM AND NATURAL GAS	
A0035	256	4-27-065: 26 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
A0036	64	5-06-040: 21NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0037	64	5-08-040: 5SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE VIKING FM	(DRRZD 13) (DRRZD 6)
A0038	256	5-08-048: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
A0039	64	5-11-050: 36NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0040	64	5-09-054: 24SW PETROLEUM AND NATURAL GAS	
A0041	256	5-11-055: 24 PETROLEUM AND NATURAL GAS	
A0042	128	5-10-056: 6S PETROLEUM AND NATURAL GAS	(WRA000201)
A0043	64	5-10-056: 6NE PETROLEUM AND NATURAL GAS	(WRA000201)
A0044	192	5-10-056: 13N,SE PETROLEUM AND NATURAL GAS	(WRA000201)
A0045	64	5-10-056: 16NW PETROLEUM AND NATURAL GAS	(WRA000201)
A0046	256	5-20-061: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 21) (ZD 222)
A0047	256	6-09-063: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(CRG000701) (DRRZD 51)
A0048	256	5-24-064: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0049	256	6-05-064: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUNVEGAN FM	(DRRZD 51) (DRRZD 38)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
A0050	256	6-05-064: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUNVEGAN FM	(DRRZD 51) (DRRZD 38)
A0051	256	6-05-064: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE DUNVEGAN FM	(ES2000103) (DRRZD 51) (DRRZD 38)
A0052	256	5-22-067: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0053	256	6-04-067: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE MONTNEY FM	(ES2000103) (DRRZD 21) (DRRZD 264)
A0054	64	5-09-068: 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0055	256	6-10-069: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0056	256	5-04-070: 22S,NW;27SW PETROLEUM AND NATURAL GAS	
A0057	256	5-25-074: 12 PETROLEUM AND NATURAL GAS	(TSH002501)
A0058	256	6-10-074: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
A0059	256	6-04-079: 25 PETROLEUM AND NATURAL GAS	
A0060	256	5-24-082: 13 PETROLEUM AND NATURAL GAS	(ADM001901)
A0061	64	6-08-082: 3SE PETROLEUM AND NATURAL GAS	
A0062	256	6-08-083: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(WPP000901) (DRRZD 21)
A0063	192	5-08-089: 2S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM001902) (DRRZD 21)
A0064	256	6-11-091: 26 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0065	512	5-04-094: 23;35 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000401)
A0066	256	6-10-096: 4 PETROLEUM AND NATURAL GAS	(CRG000801) (WPP000201)
A0067	256	6-10-096: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(CRG000801) (DRRZD 214)
A0068	64	6-05-109: 5SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER FM	(DRRZD 16)
A0069	448	6-03-116: 17S,NE;20 PETROLEUM AND NATURAL GAS	
A0070	256	6-04-116: 8 PETROLEUM AND NATURAL GAS	
--- FOOTHILLS REGION ---			
A0071	256	5-06-033: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
71	25,023.88	HA TOTALS	END

2012, JUNE 13

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0072	1536	4-16-014: 19;30 4-17-014: 13;14;23;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
--- NORTHERN REGION ---			
B0073	256	5-08-054: 17 PETROLEUM AND NATURAL GAS	
B0074	256	5-08-054: 31 PETROLEUM AND NATURAL GAS	
B0075	1280		(TSH002301)
	TRACT ONE	5-15-055: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 3) (DRRZD 21)
	TRACT TWO	5-14-055: 18;19;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-15-055: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0076	2048		(TSH002301)
	TRACT ONE	5-14-055: 31 5-14-056: 6;7 5-15-055: 35 5-15-056: 1;2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-15-055: 36 5-15-056: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0077	512	5-24-064: 1;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0078	512	5-26-067: 2;11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(TSH002501) (DRRZD 37)
B0079	2560		
	TRACT ONE	5-18-075: 15;16;19;21;22;28-30;33 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-18-075: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0080	768	5-09-083: 14-16 PETROLEUM AND NATURAL GAS	
B0081	2048	5-09-083: 17-20;29-32 PETROLEUM AND NATURAL GAS	
B0082	3072	5-09-083: 21-23;26-28;33-35 5-09-084: 2-4 PETROLEUM AND NATURAL GAS	
B0083	1728	5-09-084: 9-11;14;15;22;23N,SE PETROLEUM AND NATURAL GAS	
B0084	512	TRACT ONE 6-10-084: 24 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-09-084: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0085	512	TRACT ONE 6-09-084: 21 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-09-084: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0086	512	TRACT ONE 6-10-084: 34;35S,NW PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-10-084: 35NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0087	768		(ADM002001) (CRG000401)
		5-03-093: 17;18;20 PETROLEUM AND NATURAL GAS	
B0088	512		(CRG000801)
		5-20-120: 29;30 PETROLEUM AND NATURAL GAS	
B0089	768		(CRG000801)
		5-22-120: 12-14 PETROLEUM AND NATURAL GAS	
B0090	512		(CRG000801)
		5-20-121: 6;7 PETROLEUM AND NATURAL GAS	
B0091	512		(CRG000801)
		5-23-121: 13;24 PETROLEUM AND NATURAL GAS	
B0092	256		(CRG000801)
		5-20-122: 6 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0093	512	5-21-122: 7;8 PETROLEUM AND NATURAL GAS	(CRG000801)
B0094	256	5-21-122: 13 PETROLEUM AND NATURAL GAS	(CRG000801)
B0095	512	5-21-122: 18 5-22-122: 13 PETROLEUM AND NATURAL GAS	(CRG000801)
B0096	512	5-22-122: 8;9 PETROLEUM AND NATURAL GAS	(CRG000801)
B0097	256	5-23-122: 1 PETROLEUM AND NATURAL GAS	(CRG000801)
B0098	768	5-17-123: 23;26;35 PETROLEUM AND NATURAL GAS	(CRG000801)
B0099	768	5-21-123: 5;6 5-22-123: 1 PETROLEUM AND NATURAL GAS	(CRG000801)
28	25,024.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

ZD: 222

ZONE: 2140 VIKING FM

INTERVAL: 5,560.00 - 5,648.00 FEET

KEY WELL: 00/04-24-062-20W5/0

LOG TYPE: INDUCTION ELECTRIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, JUNE 13 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: 9 ZONE: 6440 BANFF FM

INTERVAL: 4,513.00 - 4,971.00 FEET
KEY WELL: 00/07-03-031-20W4/0
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: 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: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

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: 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: 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: 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: 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: 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: 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

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

DRRZD: 284

ZONE: 7635 ELK POINT GRP

INTERVAL: 783.00 - 1,370.00 METRES

KEY WELL: 02/06-13-063-08W4/0

LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

ADM001901

LEASE A0060

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ENERGY RESOURCES CONSERVATION BOARD (ERCB). SOLUTION GAS IS EXPRESSLY EXCLUDED FROM THE PETROLEUM AND NATURAL GAS RIGHTS GRANTED UNDER CROWN AGREEMENTS ISSUED IN RESPECT OF OIL SANDS AREAS. MOREOVER, PRODUCTION OF GAS FROM THE LAND(S) IN THIS AGREEMENT MAY BE DISALLOWED OR PRECLUDED BY ORDER OF THE ERCB OR OTHERWISE, ON THE GROUNDS THAT SUCH PRODUCTION MAY DETRIMENTALLY AFFECT THE RECOVERABILITY OF OIL SANDS FROM THOSE LANDS. BY ACCEPTING THIS AGREEMENT FOR THE PETROLEUM AND NATURAL GAS RIGHTS IN THESE LANDS, THE LESSEE/ LICENSEE HEREBY ACKNOWLEDGES ALL OF THE ABOVE, AND THAT PRODUCTION OF GAS FROM THE LANDS IN THIS AGREEMENT MAY BY ORDER OF THE ERCB OR OTHERWISE BE PRECLUDED OR DISALLOWED, AND HEREBY WAIVES ANY RECOURSE, ACTION, CAUSE OF ACTION OR CLAIM THAT THE LESSEE/LICENSEE MAY HAVE AGAINST THE CROWN IN RIGHT OF ALBERTA AS A RESULT OF OR IN RELATION TO ITS INABILITY FOR ANY OF THE ABOVE REASONS OR FOR ANY OTHER REASON WHATSOEVER TO PRODUCE GAS FROM THE LANDS IN THIS AGREEMENT. FOR THE DEFINITION OF SOLUTION GAS AND OTHER RELEVANT INFORMATION, PLEASE REFER TO INFORMATION LETTER 99-38. FOR CURRENT POLICY ON NATURAL GAS PRODUCTION IN THE OIL SANDS ZONES IDENTIFIED WITHIN OIL SANDS AREAS, PLEASE REFER TO 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 A0063

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

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ADDENDA AND CONTACTS APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

ADM002001

LEASE A0065
LICENCE B0087

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

LEASE A0065
LICENCE B0087

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

CRG000701

LEASE A0047

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

CRG000801

LEASE A0066
 LEASE A0067
 LICENCE B0088
 LICENCE B0089
 LICENCE B0090
 LICENCE B0091
 LICENCE B0092
 LICENCE B0093
 LICENCE B0094
 LICENCE B0095
 LICENCE B0096
 LICENCE B0097
 LICENCE B0098
 LICENCE B0099

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

LEASE A0051 6-05-064: 30NWP
 LEASE A0053 6-04-067: 18NEP

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

HRV000401 LAND DESCRIPTION

LEASE A0001 4-18-002: 36L5,L10-L12

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 AND COMMUNITY SERVICES
 HISTORIC RESOURCE MANAGEMENT BRANCH
 LAND USE PLANNING SECTION
 OLD ST STEPHEN'S COLLEGE
 8820 112 ST NW
 EDMONTON AB T6G 2P8 (780) 431-2332

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ADDENDA AND CONTACTS APPLICABLE TO THE 2012, JUNE 13 PUBLIC OFFERING NOTICE

NAT015201 LAND DESCRIPTION
LEASE A0001 4-17-002: 31;32S,NW
4-18-002: 36
4-18-003: 1
LEASE A0002
LEASE A0003

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

PDR000101 LAND DESCRIPTION
LEASE A0002 4-18-002: 19S,NP;20S,NP;30SWP,L12P

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
SOUTHERN REGION
OPERATIONS
200 5 AVE S FLOOR 2
LETHBRIDGE AB T1J 4L1 (403) 381-5298

PFC000201 LAND DESCRIPTION
LEASE A0026 4-22-040: 8SW

IS/ARE WITHIN A PROPOSED LAKE STABILIZATION PROJECT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
BILL FISHENDEN
TEAM LEADER, LAND SERVICES
ENVIRONMENT AND WATER, DEPARTMENT OF
WATER MANAGEMENT OPERATIONS
4920 51 ST SUITE 304
RED DEER AB T4N 6K8 (403) 340-5177

TSH002301 LAND DESCRIPTION
LICENCE B0075 5-14-055: 30NP
5-15-055: 25NP,SWP
LICENCE B0076 5-14-055: 31NP,SE,SWP
5-15-055: 35SP,NEP;36NP,SEP,SW

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2012, JUNE 13 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

TSH002501 LAND DESCRIPTION
 LEASE A0057 5-25-074: 12NWP
 LICENCE B0078 5-26-067: 2N,SE,SWP;11SP,NWP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

WLT001001 LAND DESCRIPTION
 LEASE A0026 4-22-040: 5NWP

IS/ARE WITHIN A "WETLANDS FOR TOMORROW" PROJECT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

REG RUSSELL
 WILDLIFE TECHNICIAN
 RED DEER OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
 4911 51 ST SUITE 404
 RED DEER AB T4N 6V4 (403) 340-7700

WPP000201 LAND DESCRIPTION
 LEASE A0066 6-10-096: 4NP,SE,SWP

IS/ARE WITHIN A WILDLAND PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

WPP000901 LAND DESCRIPTION
 LEASE A0062 6-08-083: 28NW

IS/ARE WITHIN A WILDLAND PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2012, JUNE 13 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

WRA000201

LEASE A0042
LEASE A0043
LEASE A0044
LEASE A0045

ALL LAND(S) IS/ARE WITHIN A WATERSHED RESEARCH AREA.

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 SUSTAINABLE
RESOURCE DEV
5020 52 AVE SUITE 224
WHITECOURT AB T7S 1N2 (780) 778-7215

END