

2015 APRIL 08

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2015.04.08

From	To	Total	Area
LEASES: A0009	A0048	40	11,159.2000 ha.
LICENCES: B0049	B0068	20	71,296.0000 ha.
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		60	82,455.2000 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 2015 April 08**.

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 by noon 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 SREM Aboriginal Affairs Branch, Alberta Energy and Environment and Sustainable Resource Development at 780-644-8734.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2015 April 08** 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.

2015, APRIL 08

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0009	256	4-25-010: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE KOOTENAY/FERNIE ZONE	(DRRZD 278)
A0010	256	4-26-011: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE KOOTENAY/FERNIE ZONE	(DRRZD 278)
A0011	1536	TRACT ONE 4-14-019: 22;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		TRACT TWO 4-14-019: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BOW ISLAND SD	(DRRZD 12) (ZD 131)
		TRACT THREE 4-14-019: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
		TRACT FOUR 4-14-019: 25;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD	(DRRZD 48)
A0012	1280	TRACT ONE 4-08-025: 17-20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-09-025: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 114)
A0013	128	4-12-028: 3S PETROLEUM AND NATURAL GAS	
A0014	256	4-15-029: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0015	256	4-04-032: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0016	256	4-04-032: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0017	64	4-09-032: 7NW PETROLEUM AND NATURAL GAS	
A0018	256	4-08-034: 2 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2077)

2015, APRIL 08

LEASE	HECTARES	LAND DESCRIPTION	
A0019	208	4-01-041: 4S,NE,L11 PETROLEUM AND NATURAL GAS	
A0020	192	4-01-041: 10S,NE PETROLEUM AND NATURAL GAS	
A0021	256	4-10-050: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
--- NORTHERN REGION ---			
A0022	128	5-16-050: 31N PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0023	128	5-17-050: 36N PETROLEUM AND NATURAL GAS	
A0024	256	5-16-051: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0025	128	5-15-052: 19E PETROLEUM AND NATURAL GAS TO THE BASE OF THE WINTERBURN GRP EXCEPTING NATURAL GAS IN THE BLUERIDGE MBR	(DRRZD 80) (ZD 3566)
A0026	64	5-19-063: 29SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 22) (DRRZD 21)
A0027	163.6	5-27-064: 27E,WF PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0028	163.6	5-27-064: 27E,WF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0029	256	6-06-065: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(DRRZD 276)
A0030	192	TRACT ONE 6-06-068: 32NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		TRACT TWO 6-06-068: 32E PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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2015, APRIL 08

LEASE	HECTARES	LAND DESCRIPTION	
A0031	128	6-07-071: 16N PETROLEUM AND NATURAL GAS	(TSH003301)
A0032	128	6-08-078: 13S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0033	64	5-17-080: 32SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(ADM011501) (DRRZD 174)
A0034	256	5-24-087: 7 PETROLEUM AND NATURAL GAS	(ADM011501)
A0035	256	5-24-087: 20 PETROLEUM AND NATURAL GAS	(ADM011501)
A0036	256	5-24-087: 29 PETROLEUM AND NATURAL GAS	(ADM011501)
A0037	256	6-07-101: 2 PETROLEUM AND NATURAL GAS	(CRG001701)
A0038	256	6-05-109: 15 PETROLEUM AND NATURAL GAS	
A0039	512	6-01-117: 31 6-02-117: 25 PETROLEUM AND NATURAL GAS	(CRG002001)
A0040	512	6-02-118: 4;9 PETROLEUM AND NATURAL GAS	(CRG002001)
A0041	128	6-07-118: 30SW,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE SULPHUR POINT FM	(CRG002001) (DRRZD 18) (DRRZD 43)
A0042	192	6-08-118: 9S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE SULPHUR POINT FM	(CRG002001) (DRRZD 18) (DRRZD 43)
A0043	256	6-08-118: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE SULPHUR POINT FM	(CRG002001) (DRRZD 18) (DRRZD 43)
A0044	256	6-08-118: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE SULPHUR POINT FM	(CRG002001) (DRRZD 18) (DRRZD 43)

2015, APRIL 08

LEASE	HECTARES	LAND DESCRIPTION	
A0045	256	6-08-118: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE SULPHUR POINT FM	(CRG002001) (DRRZD 18) (DRRZD 43)
A0046	256	6-08-118: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM TO THE BASE OF THE SULPHUR POINT FM	(CRG002001) (DRRZD 18) (DRRZD 43)
--- Foothills Region ---			
A0047	256	6-12-064: 20 PETROLEUM AND NATURAL GAS	
A0048	256	6-13-064: 25 PETROLEUM AND NATURAL GAS	(CRG002101) (ES4000103)
40	11,159.20	HA TOTALS	END

2015, APRIL 08

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0049	512	5-15-044: 28;33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(IR2000601)  (DRRZD 22)
B0050	256	5-23-064: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
B0051	1024	TRACT ONE 5-26-065: 19;20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)
		TRACT TWO 5-26-065: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
		TRACT THREE 5-26-065: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0052	512	6-06-071: 10;12 PETROLEUM AND NATURAL GAS	(TSH003301)
B0053	256	6-07-071: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(TSH003301) (DRRZD 246)
B0054	256	6-07-071: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
B0055	256	6-07-071: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0056	256	6-07-072: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(TSH003301) (DRRZD 246)
B0057	256	TRACT ONE 6-08-072: 12S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(TSH003301) (DRRZD 21)
		TRACT TWO 6-08-072: 12NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0058	768	6-07-078: 6 6-08-078: 12;14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)





2015, APRIL 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0065	8704		(IR2001401)
	TRACT ONE	5-08-031: 19;30;31 5-08-032: 5-8;18;19 5-09-031: 36 5-09-032: 1-3;9W;10-16;20N,SE;21-24;26-29;32-35 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-09-032: 9E;20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE RUNDLE GRP	(DRRZD 27)
B0066	9216		(IR2001401) (PRA021601)
		5-09-033: 2-5;7-11;13-25;27-34 5-10-033: 24-26;34-36 PETROLEUM AND NATURAL GAS	
B0067	6144		(IR2001401)
		5-09-033: 35 5-09-034: 2-11;16-20;22;29-32 5-09-035: 4-6 PETROLEUM AND NATURAL GAS	
B0068	8192		(IR2001401)
	TRACT ONE	5-10-034: 1-3;9-17;20-36 5-11-034: 25;36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-10-034: 19 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE RUNDLE GRP	(ZD 3067)
20	71,296.00	HA TOTALS	<b>END</b>



## ZONE DESIGNATIONS APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE

ZD: 131                      ZONE: 2130 BOW ISLAND SD  
INTERVAL: 2,619.00 - 2,910.00 FEET  
KEY WELL: 00/11-16-019-14W4/0  
LOG TYPE: NOT IDENTIFIED

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ZD: 176                      ZONE: 6100 RUNDLE GRP  
INTERVAL: 10,596.00 - 10,836.00 FEET  
KEY WELL: 00/10-03-028-06W5/0  
LOG TYPE: RADIOACTIVITY

AND ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
CONTINUITY  
WITH THE STRATA DESCRIBED ABOVE AND WHICH OCCUR IN  
WHOLE OR IN  
PART WITHIN ANY OTHER FAULT BLOCK.

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ZD: 2077                     ZONE: 2140 VIKING FM  
INTERVAL: 2,835.00 - 2,910.00 FEET  
KEY WELL: 00/10-21-034-08W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 3067                     ZONE: 6100 RUNDLE GRP  
INTERVAL: 12,140.00 - 12,771.00 FEET  
KEY WELL: 00/07-13-034-11W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

AND ANY OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
CONTINUITY  
WITH THE STRATA DESCRIBED ABOVE AND WHICH OCCUR IN  
WHOLE OR IN  
PART WITHIN ANY OTHER FAULT BLOCK.

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ZD: 3566                     ZONE: 6800 BLUERIDGE MBR  
INTERVAL: 2,946.00 - 3,008.00 METRES  
KEY WELL: 00/07-33-052-15W5/0  
LOG TYPE: BHC ACOUSTILOG

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END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2015, APRIL 08 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

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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

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DRRZD: 6                    ZONE: 2140    VIKING FM  
  
INTERVAL: 2,600.00 - 2,680.00 FEET  
KEY WELL: 00/10-10-042-14W4/0  
LOG TYPE: INDUCTION ELECTRICAL

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DRRZD: 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

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

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DRRZD: 18                   ZONE: 7580    SLAVE POINT FM  
  
INTERVAL: 4,196.00 - 4,336.00 FEET  
KEY WELL: 00/02-17-088-08W5/0  
LOG TYPE: GAMMA RAY-ACOUSTIC

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DRRZD: 21                   ZONE: 3052    BLUESKY-BULLHEAD  
  
INTERVAL: 2,754.00 - 3,043.00 FEET  
KEY WELL: 00/10-32-081-01W6/0  
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

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DRRZD: 22                   ZONE: 2640    SPIRIT RIVER FM  
  
INTERVAL: 2,004.00 - 3,138.00 FEET  
KEY WELL: 00/11-03-078-01W6/0  
LOG TYPE: INDUCTION ELECTRIC

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DRRZD: 27                   ZONE: 6100    RUNDLE GRP  
  
INTERVAL: 9,040.00 - 9,990.00 FEET  
KEY WELL: 00/05-25-029-09W5/0  
LOG TYPE: GAMMA RAY NEUTRON

AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL  
CONTINUITY  
WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL  
AND WHICH OCCUR IN  
WHOLE OR IN PART WITHIN ANY OTHER FAULT  
BLOCK.

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS  
APPLICABLE TO THE 2015, APRIL 08 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

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DRRZD: 43                    ZONE: 7675 SULPHUR POINT FM  
INTERVAL: 5,408.00 - 5,482.00 FEET  
KEY WELL: 02/07-18-109-07W6/0  
LOG TYPE: FORMATION DENSITY

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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

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DRRZD: 60                    ZONE: 4320 ROCK CREEK MBR  
INTERVAL: 2,502.50 - 2,531.50 METRES  
KEY WELL: 00/10-35-049-13W5/2  
LOG TYPE: DUAL LATEROLOG

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DRRZD: 64                    ZONE: 7721 KEG RIVER FM  
INTERVAL: 4,133.00 - 4,312.00 FEET  
KEY WELL: 00/07-28-091-03W5/0  
LOG TYPE: LATEROLOG

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DRRZD: 80                    ZONE: 6700 WINTERBURN GRP  
INTERVAL: 8,452.00 - 8,914.00 FEET  
KEY WELL: 00/10-07-060-17W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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DRRZD: 114                   ZONE: 6440 BANFF FM  
INTERVAL: 952.00 - 1,002.00 METRES  
KEY WELL: 00/03-20-024-03W4/0  
LOG TYPE: DUAL INDUCTION SFL

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DRRZD: 174                   ZONE: 6420 PEKISKO FM  
INTERVAL: 6,468.00 - 6,654.00 FEET  
KEY WELL: 00/10-27-067-22W5/0  
LOG TYPE: ELECTRICAL

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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

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DRRZD: 247                   ZONE: 5080 CHARLIE LAKE FM  
INTERVAL: 2,372.00 - 2,448.50 METRES  
KEY WELL: 00/10-19-068-06W6/0  
LOG TYPE: DUAL INDUCTION SFL

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE

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

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DRRZD: 278

ZONE: 4021 KOOTENAY/FERNIE ZONE

INTERVAL: 1,434.00 - 1,882.00 METRES

KEY WELL: 00/08-16-010-04W5/0

LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

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END





## ADDENDA AND CONTACTS APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE

**ADM011501**

LEASE A0033  
LEASE A0034  
LEASE A0035  
LEASE A0036

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ENERGY RESOURCES CONSERVATION BOARD (ERCB). SOLUTION GAS IS EXPRESSLY EXCLUDED FROM THE PETROLEUM AND NATURAL GAS RIGHTS GRANTED UNDER CROWN AGREEMENTS ISSUED IN RESPECT OF OIL SANDS AREAS. MOREOVER, PRODUCTION OF GAS FROM THE LAND(S) IN THIS AGREEMENT MAY BE DISALLOWED OR PRECLUDED BY ORDER OF THE ERCB OR OTHERWISE, ON THE GROUNDS THAT SUCH PRODUCTION MAY DETRIMENTALLY AFFECT THE RECOVERABILITY OF OIL SANDS FROM THOSE LANDS. BY ACCEPTING THIS AGREEMENT FOR THE PETROLEUM AND NATURAL GAS RIGHTS IN THESE LANDS, THE LESSEE/LICENSEE HEREBY ACKNOWLEDGES ALL OF THE ABOVE, AND THAT PRODUCTION OF GAS FROM THE LANDS IN THIS AGREEMENT MAY BY ORDER OF THE ERCB OR OTHERWISE BE PRECLUDED OR DISALLOWED, AND HEREBY WAIVES ANY RECOURSE, ACTION, CAUSE OF ACTION OR CLAIM THAT THE LESSEE/LICENSEE MAY HAVE AGAINST THE CROWN IN RIGHT OF ALBERTA AS A RESULT OF OR IN RELATION TO ITS INABILITY FOR ANY OF THE ABOVE REASONS OR FOR ANY OTHER REASON WHATSOEVER TO PRODUCE GAS FROM THE LANDS IN THIS AGREEMENT. FOR THE DEFINITION OF SOLUTION GAS AND OTHER RELEVANT INFORMATION, PLEASE REFER TO INFORMATION LETTER 99-38. FOR CURRENT POLICY ON NATURAL GAS PRODUCTION IN THE OIL SANDS ZONES IDENTIFIED WITHIN OIL SANDS AREAS, PLEASE REFER TO ERCB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVID WHEELER  
MANAGER  
ALBERTA DEPARTMENT OF ENERGY  
9945 108 ST  
EDMONTON AB T5K 2G6 (780) 644-3619

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**ADM011601**

LICENCE B0059  
LICENCE B0060  
LICENCE B0061

ALL LAND(S) IS/ARE WITHIN AN OIL SANDS AREA AS DESIGNATED BY THE ENERGY RESOURCES CONSERVATION BOARD (ERCB). SOLUTION GAS IS EXPRESSLY EXCLUDED FROM THE PETROLEUM AND NATURAL GAS RIGHTS GRANTED UNDER CROWN AGREEMENTS ISSUED IN RESPECT OF OIL SANDS AREAS. MOREOVER, PRODUCTION OF GAS FROM THE LAND(S) IN THIS AGREEMENT MAY BE DISALLOWED OR PRECLUDED BY ORDER OF THE ERCB OR OTHERWISE, ON THE GROUNDS THAT SUCH PRODUCTION MAY DETRIMENTALLY AFFECT THE RECOVERABILITY OF OIL SANDS FROM THOSE LANDS. BY ACCEPTING THIS AGREEMENT FOR THE PETROLEUM AND NATURAL GAS RIGHTS IN THESE LANDS, THE LESSEE/LICENSEE HEREBY ACKNOWLEDGES ALL OF THE ABOVE, AND THAT PRODUCTION OF GAS FROM THE LANDS IN THIS AGREEMENT MAY BY ORDER OF THE ERCB OR OTHERWISE BE PRECLUDED OR DISALLOWED, AND HEREBY WAIVES ANY RECOURSE, ACTION, CAUSE OF ACTION OR CLAIM THAT THE LESSEE/LICENSEE MAY HAVE AGAINST THE CROWN IN RIGHT OF ALBERTA AS A RESULT OF OR IN RELATION TO ITS INABILITY FOR ANY OF THE ABOVE REASONS OR FOR ANY OTHER REASON WHATSOEVER TO PRODUCE GAS FROM THE LANDS IN THIS AGREEMENT. FOR THE DEFINITION OF SOLUTION GAS AND OTHER RELEVANT INFORMATION, PLEASE REFER TO INFORMATION LETTER 99-38. FOR CURRENT POLICY ON NATURAL GAS PRODUCTION IN THE OIL SANDS ZONES IDENTIFIED WITHIN OIL SANDS AREAS, PLEASE REFER TO ERCB INTERIM DIRECTIVE 99-01.

SURFACE ACCESS IS NOT AFFECTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVID WHEELER  
MANAGER  
ALBERTA DEPARTMENT OF ENERGY  
9945 108 ST  
EDMONTON AB T5K 2G6 (780) 644-3619

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**APPENDIX 3**

**PAGE 2**

**ADDENDA AND CONTACTS APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE**

**CRG001501**

LAND DESCRIPTION

LICENCE B0059 5-02-092: 15;16N,SE,SWP;17SP,N;18SP,N;19-22;27;28;33;  
34  
5-02-093: 3-5;8-10;15-22;27-30;32;33  
LICENCE B0060  
LICENCE B0061

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.ESRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**CRG001701**

LEASE A0037

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.ESRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**CRG002001**

LEASE A0039  
LEASE A0040  
LEASE A0041  
LEASE A0042  
LEASE A0043  
LEASE A0044  
LEASE A0045  
LEASE A0046

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.ESRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**CRG002101**

LEASE A0048

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.ESRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**ES4000103** LAND DESCRIPTION

LEASE A0048 6-13-064: 25WP

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  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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**IR2000601** LAND DESCRIPTION

LICENCE B0049 5-15-044: 28SE, SWP, NEP; 33SP, N

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ANNE HUBBS  
SENIOR WILDLIFE BIOLOGIST  
ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE  
DEV  
PO BOX 1720  
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8235

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**IR2001101** LAND DESCRIPTION

LICENCE B0063 5-07-029: 17P; 19SEP, L9P, L16P; 20SP, NWP, L10P; 29SWP; 32NP,  
SWP, L7P  
5-08-030: 12NEP; 13SEP; 26EP; 35SP, L10P, L11P; 36SWP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE GHOST RIVER INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JON JORGENSON  
SENIOR WILDLIFE BIOLOGIST  
CANMORE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
CANMORE MANAGEMENT AREA  
800 RAILWAY AVE SUITE 201  
CANMORE AB T1W 1P1 (403) 678-5508

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ADDENDA AND CONTACTS APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE

**IR2001401** LAND DESCRIPTION  
 LICENCE B0063 5-08-030: 35WP;36NP,SWP  
 LICENCE B0064 5-08-031: 3NP;8NP,SEP;9SWP;10SP;17SP,NWP;23NEP  
 LICENCE B0065 5-08-032: 5NP,SEP;6EP;8P;18EP;19EP  
 5-09-032: 28NP;29P;32SP;33EP;34NWP  
 LICENCE B0066 5-09-033: 3WP;4P;5SEP;7NP;8SEP,NWP;9SP;10SWP;17SWP;  
 18SP,NWP;23NP;24NWP;25P  
 5-10-033: 26NP;34NP,SWP;35P;36NWP  
 LICENCE B0067 5-09-034: 2NWP;3NP,SWP;4SP,NEP;5P;6NP;10SEP;11SP;  
 16NWP;17P;18NP,SEP;19SWP;20SEP;22NWP;31SWP,  
 NW,NEP;32NP  
 5-09-035: 4P;5SP;6P  
 LICENCE B0068 5-10-034: 1NP,SWP;2P;3SP,NEP;9NP,SWP;10NP;11NWP;13NP;  
 14NP,SWP;15P;16P;17NP,SEP;19SWP,NEP;20P;21P;  
 22NP,SWP;23P;24SP,NWP;25WP;26SP,NWP;27P;  
 28SEP;29P;30SEP;32SP;33NP,SWP;34P;35P;36P  
 5-11-034: 25NP,SEP,SW;36SWP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ANNE HUBBS  
 SENIOR WILDLIFE BIOLOGIST  
 ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE  
 DEV  
 PO BOX 1720  
 ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8235

**IR4000702** LAND DESCRIPTION  
 LICENCE B0064 5-08-031: 2NWP;3NP,SWP;4NP,SEP;5NEP;8P;9SP;10SP,NEP;  
 11P;17SWP

IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) OF THE NORDEGG-RED DEER RIVER INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DON LIVINGSTON  
 LAND MANAGEMENT/PLANNING FORESTER  
 ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF  
 SUSTAINABLE RESOURCE DEV  
 COURIER BOX 21  
 PO BOX 1720  
 ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8250

**PRA021601** LAND DESCRIPTION  
 LICENCE B0066 5-09-033: 10NEP

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2015, APRIL 08 PUBLIC OFFERING NOTICE

TSH003301		LAND DESCRIPTION
LEASE	A0031	6-07-071: 16NWP,NE
LICENCE	B0052	6-06-071: 10WP
LICENCE	B0053	6-07-071: 15SP,NW,NEP
LICENCE	B0056	6-07-072: 8WP
LICENCE	B0057	

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.ESRD.ALBERTA.CA AND THEN SEARCHING FOR 'WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY  
WILDLIFE HABITAT SPECIALIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 427-3029

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END