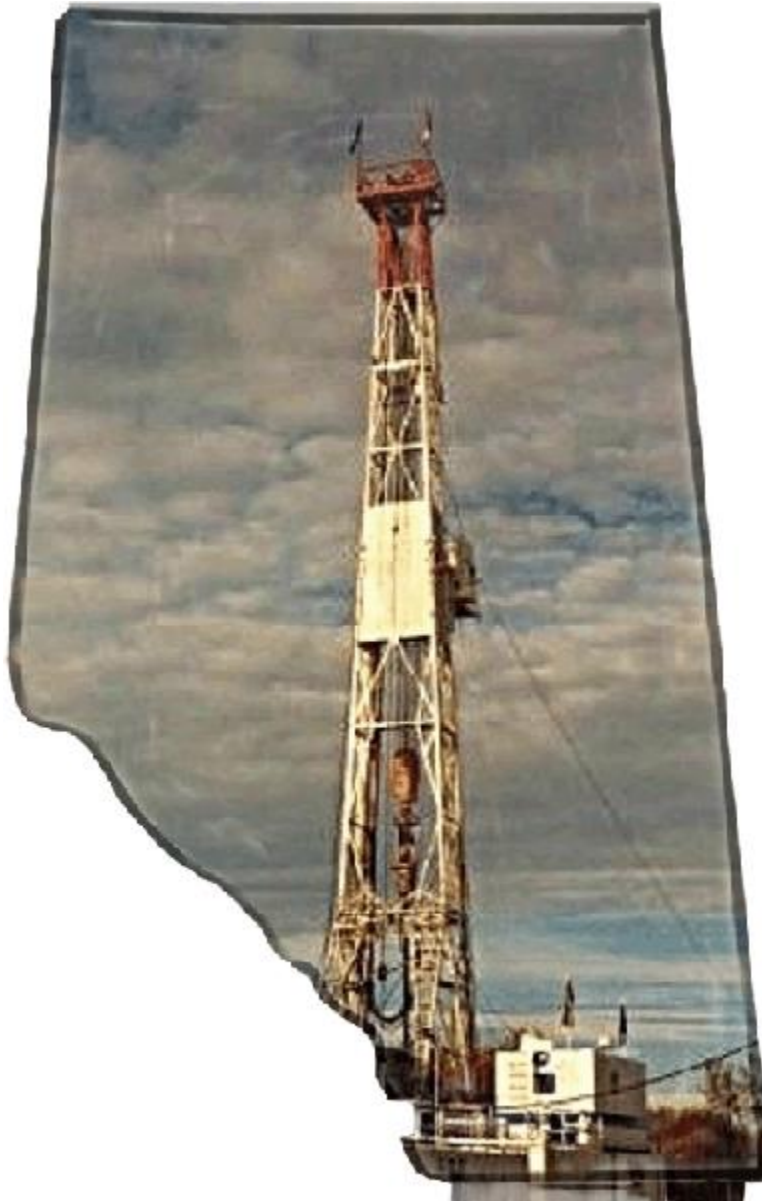


2014 FEBRUARY 05

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



*Alberta*   
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2014.02.05

From	To	Total	Area
LEASES: A0001	A0091	91	17,280.0000 ha.
LICENCES: B0092	B0105	14	6,144.0000 ha.
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		105	23,424.0000 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 2014 February 05**.

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 **2014 February 05** 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.

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LEASE	HECTARES	LAND DESCRIPTION
--- PLAINS REGION ---		
A0001	64	4-14-007: 17NW PETROLEUM AND NATURAL GAS
A0002	256	4-16-009: 3 PETROLEUM AND NATURAL GAS
A0003	256	4-16-009: 12 PETROLEUM AND NATURAL GAS
A0004	64	4-15-010: 27SW PETROLEUM AND NATURAL GAS
A0005	256	4-15-010: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0006	256	4-16-010: 22 PETROLEUM AND NATURAL GAS
A0007	32	4-17-010: 3L11, L12 PETROLEUM AND NATURAL GAS
A0008	64	4-17-010: 5NW PETROLEUM AND NATURAL GAS
A0009	48	4-17-010: 10L1, L2, L7 PETROLEUM AND NATURAL GAS
A0010	64	4-17-010: 17SW PETROLEUM AND NATURAL GAS
A0011	256	4-13-011: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0012	64	4-13-011: 17SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0013	64	4-13-011: 17SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0014	64	4-13-011: 17NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0015	192	4-15-011: 10S, NE PETROLEUM AND NATURAL GAS
A0016	32	4-13-012: 30L1, L8 PETROLEUM AND NATURAL GAS

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LEASE	HECTARES	LAND DESCRIPTION	
A0017	256	4-15-013: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0018	1536	TRACT ONE 4-09-014: 15N PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE SECOND WHITE SPECKS	(ZD 368) (ZD 278)
		TRACT TWO 4-09-014: 2S;3S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE MILK RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE SECOND WHITE SPECKS	(DRRZD 11) (ZD 368) (DRRZD 12) (ZD 278)
		TRACT THREE 4-09-014: 14N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE SECOND WHITE SPECKS	(DRRZD 12) (ZD 278)
		TRACT FOUR 4-09-014: 2N;3N;10;11;14S;15S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0019	256	4-14-014: 19 PETROLEUM AND NATURAL GAS	
A0020	192	4-15-014: 24N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0021	256	4-21-017: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0022	256	TRACT ONE 4-21-017: 10N,SW PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-21-017: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0023	256	4-21-017: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0024	256	4-21-017: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0025	256	4-21-017: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0026	256	4-21-017: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)

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LEASE	HECTARES	LAND DESCRIPTION	
A0027	256	4-21-017: 16 PETROLEUM AND NATURAL GAS	
A0028	256	TRACT ONE 4-10-018: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 8) (DRRZD 4)
		TRACT TWO 4-10-018: 36N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 48) (DRRZD 4)
A0029	256	4-09-019: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 13) (DRRZD 4)
A0030	256	4-10-019: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 13) (DRRZD 4)
A0031	256	4-19-028: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0032	128	4-19-028: 27E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0033	64	4-20-034: 30SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE LEDUC FM	(DRRZD 39) (DRRZD 7)
A0034	64	4-20-034: 30SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 7)
A0035	64	4-20-034: 30NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE LEDUC FM	(DRRZD 39) (DRRZD 7)
A0036	64	4-20-034: 30NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 7)
A0037	256	4-18-036: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0038	64	4-19-036: 26NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0039	128	4-21-037: 30E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0040	256	4-06-038: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0041	128	5-04-038: 18S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0042	16	TRACT ONE 4-01-041: 33L1E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 4-01-041: 33L1W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0043	80		(NAT015401)
		TRACT ONE 4-01-041: 33NW, L5N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 4-01-041: 33L5S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0044	192		(PRP008301)
		TRACT ONE 4-01-041: 34SE, NW, L9N, L9SE, L10N, L10SW, L15N, L15SW, L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 4-01-041: 34L9SW, L10SE, L15SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0045	64	4-01-045: 4NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0046	256	4-12-045: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0047	256	4-12-046: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0048	256	4-13-046: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0049	256	4-03-047: 11 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION
A0050	256	4-03-047: 14 PETROLEUM AND NATURAL GAS
A0051	256	4-03-047: 24 PETROLEUM AND NATURAL GAS
A0052	256	4-08-049: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)
A0053	256	4-08-049: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE UPPER COLORADO SHALE (DRRZD 282) TO THE BASE OF THE VIKING FM (DRRZD 6)
A0054	256	4-08-049: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE UPPER COLORADO SHALE (DRRZD 282) TO THE BASE OF THE VIKING FM (DRRZD 6)
A0055	256	4-08-049: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE UPPER COLORADO SHALE (DRRZD 282) TO THE BASE OF THE VIKING FM (DRRZD 6)
A0056	32	4-02-050: 12L9,L10 PETROLEUM AND NATURAL GAS
A0057	16	4-03-050: 2L9 PETROLEUM AND NATURAL GAS
A0058	256	4-03-050: 18 PETROLEUM AND NATURAL GAS
A0059	256	4-04-050: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 274)
A0060	256	4-08-050: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)
A0061	64	4-06-051: 32SE PETROLEUM AND NATURAL GAS
A0062	64	4-06-051: 32NW PETROLEUM AND NATURAL GAS
A0063	64	4-06-051: 32NE PETROLEUM AND NATURAL GAS
A0064	64	4-04-052: 6SW PETROLEUM AND NATURAL GAS

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LEASE	HECTARES	LAND DESCRIPTION
A0065	64	4-04-052: 6NW PETROLEUM AND NATURAL GAS
--- NORTHERN REGION ---		
A0066	192	5-05-038: 23N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0067	256	5-15-047: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0068	256	5-16-054: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD (DRRZD 21)
A0069	256	5-19-061: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM (DRRZD 38) TO THE BASE OF THE BLUESKY-BULLHEAD (DRRZD 21)
A0070	256	5-21-064: 28 PETROLEUM AND NATURAL GAS TO THE TOP OF THE TRIASSIC SYSTEM (DRRZD 37)
A0071	256	6-01-064: 3 PETROLEUM AND NATURAL GAS
A0072	256	6-06-069: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD (DRRZD 21) EXCEPTING NATURAL GAS IN THE SPIRIT RIVER FM (ZD 3475)
A0073	256	6-01-073: 2 PETROLEUM AND NATURAL GAS
A0074	128	5-06-087: 18E PETROLEUM AND NATURAL GAS (CRG001501)
A0075	128	6-10-087: 23E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM (DRRZD 247)
A0076	128	6-10-087: 23W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD (DRRZD 21) TO THE BASE OF THE MONTNEY FM (DRRZD 264)
A0077	128	6-10-087: 23W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM (DRRZD 264)
A0078	128	6-10-087: 24E PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM (DRRZD 264)



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LEASE	HECTARES	LAND DESCRIPTION	
A0079	128	6-10-087: 24E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0080	128	6-10-087: 24W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0081	128	6-06-114: 35E PETROLEUM AND NATURAL GAS	
A0082	192	6-07-114: 36N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0083	192	6-05-115: 21N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0084	64	6-05-115: 22NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0085	256	6-05-115: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0086	256	TRACT ONE 6-06-115: 13NW PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-06-115: 13SW,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
		TRACT THREE 6-06-115: 13SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
A0087	128	6-07-115: 3N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0088	192	TRACT ONE 6-05-116: 4N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
		TRACT TWO 6-05-116: 4SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
A0089	192	6-05-116: 5N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0090	192	6-05-116: 10N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)

2014, FEBRUARY 05

LEASE	HECTARES	LAND DESCRIPTION	
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A0091	256	6-05-116: 11 PETROLEUM AND NATURAL GAS	
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91	17,280.00	HA TOTALS	END

2014, FEBRUARY 05

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0092	896	TRACT ONE 5-05-038: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT TWO 5-05-038: 15W;16;21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE VIKING FM	(DRRZD 280) (DRRZD 6)
B0093	256	5-06-038: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0094	512	5-22-052: 16;21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(IR2000702) (DRRZD 21)
B0095	256	5-16-053: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0096	256	5-07-056: 1 PETROLEUM AND NATURAL GAS	
B0097	640	6-03-062: 8;9S;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(ES2000103) (DRRZD 264)
B0098	256	6-03-062: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ES2000103) (DRRZD 277)
B0099	256	6-04-063: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0100	768	6-01-065: 27-29 PETROLEUM AND NATURAL GAS	
B0101	256	6-07-070: 35 PETROLEUM AND NATURAL GAS	(TSH003301)
B0102	512	6-10-071: 35 6-10-072: 2 PETROLEUM AND NATURAL GAS	(HRV000201)
B0103	512	5-23-079: 1;11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(ADM001901) (DRRZD 111)
B0104	512	5-23-079: 1;11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(ADM001901) (DRRZD 111)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0105	256	6-09-088: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(CRG001701)  (DRRZD 247)
14	6,144.00	HA TOTALS	<b>END</b>

## ZONE DESIGNATIONS APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE

ZD: 278                      ZONE: 1860 SECOND WHITE SPECKS  
INTERVAL: 1,860.00 - 2,032.00 FEET  
KEY WELL: 00/10-17-014-09W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 368                      ZONE: 1580 MILK RIVER FM  
INTERVAL: 850.00 - 1,158.00 FEET  
KEY WELL: 00/07-30-014-09W4/0  
LOG TYPE: GAMMA RAY NEUTRON

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ZD: 3475                     ZONE: 2640 SPIRIT RIVER FM  
INTERVAL: 5,290.00 - 6,316.00 FEET  
KEY WELL: 00/16-20-069-06W6/0  
LOG TYPE: DUAL INDUCTION FOCUSED

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END



DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE

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: 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

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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

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DRRZD: 11                   ZONE: 1580 MILK RIVER FM  
  
INTERVAL: 677.00 - 972.00 FEET  
KEY WELL: 00/15-02-014-05W4/0  
LOG TYPE: 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: 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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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE

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

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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

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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: 111                   ZONE: 5000    TRIASSIC SYSTEM  
  
INTERVAL: 2,773.00 - 2,964.00 FEET  
KEY WELL: 00/15-25-080-23W5/0  
LOG TYPE: ELECTRICAL

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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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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

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DRRZD: 274                   ZONE: 2030    FISH SCALE-WESTGATE  
  
INTERVAL: 1,420.00 - 1,594.00 FEET  
KEY WELL: 00/11-05-045-01W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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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

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE

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

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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

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END



## ADDENDA AND CONTACTS APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE

**ADM001901**

LICENCE B0103  
LICENCE B0104

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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**CRG001501**

LEASE A0074

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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**CRG001701**

LICENCE B0105

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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**APPENDIX 3**

**PAGE 2**

**ADDENDA AND CONTACTS APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE**

**ES2000103** LAND DESCRIPTION  
LICENCE B0097 6-03-062: 8SP,NWP  
LICENCE B0098

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

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**HRV000201** LAND DESCRIPTION  
LICENCE B0102 6-10-072: 2L7

IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS NOT PERMITTED

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

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**IR2000702** LAND DESCRIPTION  
LICENCE B0094 5-22-052: 21SP,N

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

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

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**NAT015401** LAND DESCRIPTION  
LEASE A0043 4-01-041: 33L11N,L12N,L13,L14

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

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## ADDENDA AND CONTACTS APPLICABLE TO THE 2014, FEBRUARY 05 PUBLIC OFFERING NOTICE

**PRP008301** LAND DESCRIPTION  
LEASE A0044 4-01-041: 34SE

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

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**TSH003301** LAND DESCRIPTION  
LICENCE B0101 6-07-070: 35S,NP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY KOSINSKI  
WILDLIFE BIOLOGIST  
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV  
RESOURCE STATUS & ASSESSMENT BRANCH  
6909 116 ST NW FLOOR 7  
EDMONTON AB T6H 4P2 (780) 427-3574

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END