

2013 JANUARY 09

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Government of Alberta ■
Energy

PUBLIC OFFERING CONTROL COUNTS FOR 2013.01.09

From	To	Total	Area
LEASES: A0016	A0166	151	40,352.9400 ha.
LICENCES: B0167	B0297	131	295,387.4400 ha.

		282	335,740.3800 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 2013 January 09**.

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 **2013 January 09** 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 November 14
EDMONTON, Alberta

Christine Rudland - Manager
P&NG Sales and Registrations

2013, JANUARY 09

LEASE	HECTARES	LAND DESCRIPTION
--- PLAINS REGION ---		
A0016	63.2	4-17-010: 9L1,L2,L7,L8P PORTION(S) LYING TO THE SOUTH OF THE LEFT BANK OF THE BELLY RIVER AS SHOWN ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1885/07/29. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0017	256	4-19-012: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0018	256	4-15-014: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0019	64	4-22-014: 31NE PETROLEUM AND NATURAL GAS
A0020	256	4-28-017: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM (DRRZD 28)
A0021	256	4-28-017: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM (DRRZD 28)
A0022	256	4-28-017: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM (DRRZD 28)
A0023	256	4-28-017: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TURNER VALLEY FM (DRRZD 28)
A0024	256	4-22-018: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0025	256	4-09-019: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13)
A0026	128	4-08-021: 20N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0027	256	4-08-021: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0028	256		
TRACT ONE		4-08-021: 29N PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		4-08-021: 29S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0029	256		
TRACT ONE		4-08-021: 30NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		4-08-021: 30S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0030	192		
		4-08-021: 31S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0031	192		
		4-08-021: 32S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0032	256		
TRACT ONE		4-08-021: 33S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		4-08-021: 33NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0033	256		
		4-09-021: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0034	256		
		5-02-021: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0035	256		
		4-05-022: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)

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LEASE	HECTARES	LAND DESCRIPTION	
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A0036	256		
	TRACT ONE	4-05-022: 16L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM TO THE TOP OF THE MEDICINE HAT SD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 11) (DRRZD 12) (DRRZD 12) (ZD 58-1)
	TRACT TWO	4-05-022: 16N,SE,L3-L5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 12) (ZD 58-1)

A0037	256	4-05-022: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP	(DRRZD 12) (ZD 58-1) (ZD 58-A-1)

A0038	256	4-05-022: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 12) (ZD 58-1)

A0039	256	4-08-022: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(HRV000602) (DRRZD 12) (DRRZD 4)

A0040	256	4-11-022: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BSL COLORADO&BLAIRMORE	(DRRZD 12) (ZD 32-1)

A0041	512	4-07-024: 2;11 PETROLEUM AND NATURAL GAS	

A0042	768		
	TRACT ONE	4-10-024: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD EXCEPTING NATURAL GAS IN THE BASAL BLAIRMORE EXCEPTING NATURAL GAS IN THE UPPER MANNVILLE FM	(DRRZD 39) (DRRZD 12) (ZD 156) (ZD 156) (ZD 156-A)
	TRACT TWO	4-10-024: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD EXCEPTING NATURAL GAS IN THE BASAL BLAIRMORE	(DRRZD 12) (ZD 156) (ZD 156)
	TRACT THREE	4-10-024: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

A0043	1024	4-07-025: 11-14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
A0044	256	4-09-027: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0045	768	4-17-027: 25;35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(HRV000402) (DRRZD 4)
A0046	256	4-07-028: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0047	256	4-08-028: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
A0048	256	4-10-028: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0049	832	4-05-033: 14;23;26NE;35 PETROLEUM AND NATURAL GAS	
A0050	1024	4-05-033: 16;21;28;29 PETROLEUM AND NATURAL GAS	
A0051	768	4-05-033: 32-34 PETROLEUM AND NATURAL GAS	
A0052	256	4-14-033: 33 PETROLEUM AND NATURAL GAS	
A0053	896	TRACT ONE 4-05-034: 31E;32 4-05-035: 5 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 162)
		TRACT TWO 4-05-035: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 39) (ZD 162)
A0054	64	4-07-034: 30NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (ZD 2057) (DRRZD 4)
A0055	19.2	5-04-034: 23NP PORTION(S) DESIGNATED AS RED-DEER RIVER ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1905/10/17. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)

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LEASE	HECTARES	LAND DESCRIPTION	
A0056	768		
	TRACT ONE	4-05-035: 29;30 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1014-1)
	TRACT TWO	4-06-035: 24 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 1029-1)
A0057	256	5-04-035: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0058	256	5-04-035: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0059	32	4-05-037: 10L4,L6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
A0060	16	4-03-038: 29L3 PETROLEUM AND NATURAL GAS	
A0061	12	4-03-038: 29L4N,L4SE PETROLEUM AND NATURAL GAS	
A0062	16	4-03-038: 29L5 PETROLEUM AND NATURAL GAS	
A0063	64	4-08-038: 26NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 77)
A0064	256	4-08-038: 28 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 77)
A0065	256	4-08-038: 34 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 77)
A0066	256	4-08-038: 35 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 77)
A0067	256	4-08-038: 36 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 77)
A0068	64	4-28-039: 12NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0069	256	4-06-040: 34 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0070	128	4-14-041: 12E PETROLEUM AND NATURAL GAS	
A0071	256	4-20-043: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0072	256	5-04-045: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0073	16	4-04-048: 36L7 PETROLEUM AND NATURAL GAS	
A0074	64	4-05-048: 20NW PETROLEUM AND NATURAL GAS	(HRV000101)
A0075	64	4-05-048: 29SW PETROLEUM AND NATURAL GAS	
A0076	64	4-05-048: 29NW PETROLEUM AND NATURAL GAS	
A0077	64	4-06-048: 6SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0078	64	4-06-048: 6SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0079	64	4-06-048: 6NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0080	64	4-06-048: 6NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0081	64	4-26-048: 25SE PETROLEUM AND NATURAL GAS	
A0082	16	4-06-049: 18L2 PETROLEUM AND NATURAL GAS	
A0083	64	4-06-049: 18NW PETROLEUM AND NATURAL GAS	
A0084	16	4-01-050: 28L15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0085	16	4-02-050: 2L9 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0086	16	4-02-050: 2L10 PETROLEUM AND NATURAL GAS	
A0087	256	4-02-050: 4 PETROLEUM AND NATURAL GAS	
A0088	128	4-05-050: 4E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0089	128	4-05-050: 4W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0090	64	4-05-050: 34NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0091	256	4-08-050: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 274)
A0092	256	4-06-051: 18 PETROLEUM AND NATURAL GAS	
A0093	64	4-06-051: 32SW PETROLEUM AND NATURAL GAS	
A0094	256	4-04-053: 2 PETROLEUM AND NATURAL GAS	(ADM001801)
A0095	256	4-05-053: 4 PETROLEUM AND NATURAL GAS	(ADM001801)
A0096	256	4-05-053: 14 PETROLEUM AND NATURAL GAS	(ADM001801)
A0097	256	4-20-060: 30 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0098	256	4-17-062: 7 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
A0099	256	5-05-035: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0100	256	5-06-037: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(IR3000201) (NAT002201) (DRRZD 6) (DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0101	256	5-06-043: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(IR2000201) (DRRZD 3) (DRRZD 60)
A0102	256	5-06-043: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0103	256	5-06-043: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0104	256	5-05-044: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(IR2000201) (DRRZD 3) (ZD 227)
A0105	256	5-06-045: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE PEKISKO FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 3) (DRRZD 30) (ZD 227)
A0106	128	5-12-048: 22N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
A0107	256	5-13-051: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0108	64	5-17-053: 28SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE ELKTON MBR	(DRRZD 6) (ZD 295)
A0109	256	5-14-054: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
A0110	256	5-14-058: 13 PETROLEUM AND NATURAL GAS	
A0111	256	5-23-061: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0112	128	5-24-062: 19N PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(CRG000501) (SIP000601) (DRRZD 38)

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LEASE	HECTARES	LAND DESCRIPTION	
A0113	256	6-04-067: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(ES2000103) (TSH002501) (DRRZD 247)
A0114	256	6-04-067: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE MONTNEY FM	(ES2000103) (TSH002501) (DRRZD 247) (DRRZD 264)
A0115	256	5-21-068: 1 PETROLEUM AND NATURAL GAS	
A0116	128	6-05-068: 18N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0117	64	5-21-069: 9NW PETROLEUM AND NATURAL GAS	
A0118	256	TRACT ONE 6-05-069: 23W PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
		TRACT TWO 6-05-069: 23E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 22) (DRRZD 247)
A0119	256	6-05-069: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0120	256	5-25-070: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0121	192	5-05-074: 32N,SE PETROLEUM AND NATURAL GAS	
A0122	64	5-18-074: 8SW PETROLEUM AND NATURAL GAS	
A0123	128	5-19-074: 22N PETROLEUM AND NATURAL GAS	
A0124	64	5-15-075: 19NE PETROLEUM AND NATURAL GAS	
A0125	192	5-26-075: 14S,NW PETROLEUM AND NATURAL GAS	
A0126	192	5-26-075: 23N,SW PETROLEUM AND NATURAL GAS	(IRS000201)

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LEASE	HECTARES	LAND DESCRIPTION	
A0127	512	5-07-076: 19;30S,NW;31SW PETROLEUM AND NATURAL GAS	
A0128	256	6-07-076: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
A0129	128	5-07-077: 5N PETROLEUM AND NATURAL GAS	
A0130	64	5-07-077: 7NW PETROLEUM AND NATURAL GAS	
A0131	256	4-23-078: 31 PETROLEUM AND NATURAL GAS	(ADM002001)
A0132	256	4-24-078: 33 PETROLEUM AND NATURAL GAS	(ADM002001)
A0133	64	5-07-078: 30NW PETROLEUM AND NATURAL GAS	(CRG000401)
A0134	256	5-08-078: 13S,NE;24SE PETROLEUM AND NATURAL GAS	(CRG000401)
A0135	64	5-07-079: 5SE PETROLEUM AND NATURAL GAS	(CRG000401)
A0136	192	5-07-079: 20E;29SE PETROLEUM AND NATURAL GAS	(CRG000401)
A0137	128	5-07-079: 32S PETROLEUM AND NATURAL GAS	(CRG000401)
A0138	192	TRACT ONE 5-07-080: 8S PETROLEUM AND NATURAL GAS	(CRG000401)
		TRACT TWO 5-07-080: 8NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GILWOOD MBR	(DRRZD 10)
A0139	128	5-07-080: 17E PETROLEUM AND NATURAL GAS	(CRG000401)
A0140	128	5-07-080: 20N PETROLEUM AND NATURAL GAS	(CRG000401)
A0141	128	5-10-080: 25W PETROLEUM AND NATURAL GAS	
A0142	256	5-10-080: 34 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0143	256	5-10-081: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0144	64	5-10-081: 3SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0145	64	5-10-081: 3NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
A0146	256	TRACT ONE 5-10-081: 12N,SW PETROLEUM AND NATURAL GAS TRACT TWO 5-10-081: 12SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER SS	(DRRZD 18) (DRRZD 17)
A0147	256	6-02-082: 9 NATURAL GAS IN THE GETHING FM NATURAL GAS IN THE JURASSIC SYSTEM NATURAL GAS IN THE TRIASSIC SYSTEM	(ZD 3-1) (ZD 3-1) (ZD 3-1)
A0148	256	6-12-083: 17 PETROLEUM AND NATURAL GAS	
A0149	256	6-02-085: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 58)
A0150	256	5-10-087: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0151	256	5-11-087: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(ADM001902) (DRRZD 18)
A0152	256	TRACT ONE 6-09-087: 19SW PETROLEUM AND NATURAL GAS TRACT TWO 6-09-087: 19SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TRACT THREE 6-09-087: 19N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 247) (DRRZD 89)
A0153	256	5-22-091: 12 PETROLEUM AND NATURAL GAS	(ADM001902)

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LEASE	HECTARES	LAND DESCRIPTION	
A0154	7154.54	5-09-101: 33-36 5-09-102: 1-22;23S,NWP,NE;24 PORTION(S) LYING OUTSIDE TALLCREE INDIAN RESERVE NO. 173. PETROLEUM AND NATURAL GAS	
A0155	256	6-12-108: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0156	64	6-06-109: 8NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE KEG RIVER FM	(CRG000801) (DRRZD 16)
A0157	128	6-05-114: 30E PETROLEUM AND NATURAL GAS	
A0158	128	6-05-114: 30W PETROLEUM AND NATURAL GAS	
A0159	128	6-06-114: 25S PETROLEUM AND NATURAL GAS	
A0160	64	6-06-114: 25NE PETROLEUM AND NATURAL GAS	
A0161	192	6-06-114: 30S,NW PETROLEUM AND NATURAL GAS	
A0162	64	6-06-114: 30NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
A0163	64	6-07-114: 36SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0164	256	6-01-118: 32 PETROLEUM AND NATURAL GAS	
--- FOOTHILLS REGION ---			
A0165	256	6-06-058: 28 PETROLEUM AND NATURAL GAS	
A0166	256	6-06-059: 14 PETROLEUM AND NATURAL GAS	(ES2000104)
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LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0167	3328		(CFB000502) (CFB000504) (HRV000402)
	TRACT ONE	4-07-020: 25;27;28S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
	TRACT TWO	4-06-020: 7;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
	TRACT THREE	4-06-020: 19 4-07-020: 13;21-24;28NW;33;34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0168	2560		(HRV000402)
	TRACT ONE	4-07-021: 12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-07-020: 36N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
	TRACT THREE	4-07-020: 36SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE BASAL BLAIRMORE	(DRRZD 12) (ZD 2528-1) (ZD 2525)
	TRACT FOUR	4-07-020: 35 4-07-021: 1-4;9-11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0169	2560		
	TRACT ONE	4-05-023: 3NW;10;22;23;27 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-05-023: 2S;14N PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2028)
	TRACT THREE	4-05-023: 3NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
	TRACT FOUR	4-05-022: 34;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 12) (ZD 58-1)
	TRACT FIVE	4-05-023: 3S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE VIKING FM	(DRRZD 12) (ZD 2028)
	TRACT SIX	4-05-023: 2N;11;14S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0170	3072		
	TRACT ONE	4-05-023: 16;19-21;28-32 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-05-023: 9;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
	TRACT THREE	4-05-023: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0171	2496		
	TRACT ONE	4-07-024: 26NE;34 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-06-024: 30 4-06-025: 6 4-07-024: 25;35;36 4-07-025: 1;3S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT THREE	4-06-024: 31 4-07-025: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0172	2048		
	TRACT ONE	4-09-024: 18SW PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-09-024: 16;18N,SE;20;29;30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
	TRACT THREE	4-09-024: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT FOUR	4-09-024: 17;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0173	2048		
	TRACT ONE	4-07-025: 15;16;20-22;24 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-07-025: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT THREE	4-07-025: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0174	3520		
TRACT ONE		4-06-034: 31N 4-07-034: 9SE, L3, L4, L6, L9, L13 4-07-035: 1 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2041)
TRACT TWO		4-06-034: 32S 4-07-034: 3NE; 10-14; 22NW; 23-25; 26NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 129)
TRACT THREE		4-07-034: 4 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2077)
TRACT FOUR		4-07-034: 16L10, L15 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2057)
TRACT FIVE		4-07-034: 16S, L9, L16 PETROLEUM IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(ZD 2057) (DRRZD 4)
TRACT SIX		4-07-034: 27SE PETROLEUM IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(ZD 129) (DRRZD 4)
TRACT SEVEN		4-07-034: 9L5, L10-L12, L14-L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

--- NORTHERN REGION ---			
B0175	512		(IR2000201)
TRACT ONE		5-07-042: 25N, SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT TWO		5-06-042: 18SE 5-07-042: 25SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT THREE		5-06-042: 18N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
TRACT FOUR		5-06-042: 18SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 4) (DRRZD 90)

B0176	960		(IR2000201)
TRACT ONE		5-07-043: 4E PETROLEUM AND NATURAL GAS	
TRACT TWO		5-07-042: 20; 21; 28E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
TRACT THREE		5-07-042: 15SE 5-07-043: 9E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0177	512		
	TRACT ONE	5-05-045: 18SW,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 3) (ZD 227)
	TRACT TWO	5-05-045: 18NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE PEKISKO FM	(DRRZD 6) (ZD 227)
	TRACT THREE	5-05-045: 7;18SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
B0178	512		
	TRACT ONE	5-06-045: 32NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 39) (DRRZD 3)
	TRACT TWO	5-06-045: 28N,SW;32S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT THREE	5-06-045: 28SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
B0179	512	5-15-048: 31;32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0180	256	5-14-049: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(ES4000101) (DRRZD 66)
B0181	1792		
	TRACT ONE	5-12-050: 14E;34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-12-050: 13;23;24;26;27N;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0182	256	5-12-050: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 280) (DRRZD 3)
B0183	256		
	TRACT ONE	5-15-050: 19E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE BLUESKY-GETHING EXCEPTING NATURAL GAS IN THE ROCK CREEK MBR	(DRRZD 6) (ZD 3441) (ZD 3441)
	TRACT TWO	5-15-050: 19W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0184	256	5-11-051: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0185	1024	5-10-052: 22;25-27 PETROLEUM AND NATURAL GAS	
B0186	1920	TRACT ONE 5-10-052: 28;34;35S;36 5-10-053: 2S,NW;5;6;16 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-10-053: 2NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0187	256	5-12-052: 1 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(ZD 3092-1)
B0188	256	5-12-052: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0189	256	5-12-052: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0190	960	TRACT ONE 5-13-052: 4NE;9E;10S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
		TRACT TWO 5-13-052: 4S,NW;5;9W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE NORDEGG MBR	(DRRZD 60) (DRRZD 66)
B0191	256	5-15-052: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0192	256	5-15-052: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING NATURAL GAS IN THE BLUERIDGE MBR	(DRRZD 21) (ZD 3566)
B0193	1280	TRACT ONE 5-09-053: 13;22S;24;25 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-09-053: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
		TRACT THREE 5-09-053: 22N PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM	(DRRZD 30)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0194	1024		
	TRACT ONE	5-10-053: 28;30;31 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-10-053: 29 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(ZD 2884)
B0195	256	5-11-053: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0196	1024		
	TRACT ONE	5-11-053: 16S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-11-053: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE BELLY RIVER GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 280) (DRRZD 39) (DRRZD 60)
	TRACT THREE	5-11-053: 21;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT FOUR	5-11-053: 16NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 4) (DRRZD 60)
B0197	256	5-11-053: 19 PETROLEUM AND NATURAL GAS	
B0198	1024	5-11-053: 26;27;34;35 PETROLEUM AND NATURAL GAS	
B0199	512		
	TRACT ONE	5-11-053: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	5-11-053: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0200	256	5-13-053: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
B0201	640		
	TRACT ONE	5-09-054: 13S,NE;14S,NW;24N,SE PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-09-054: 13NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NORDEGG MBR	(DRRZD 4) (DRRZD 66)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0202	1536	5-13-054: 18;19;30 5-14-054: 13;24;25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE WINTERBURN GRP	(DRRZD 4) (DRRZD 80)
B0203	256	5-16-054: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)
B0204	256	5-16-054: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)
B0205	256	5-16-054: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)
B0206	1536	TRACT ONE 5-13-056: 20N PETROLEUM AND NATURAL GAS TO THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
		TRACT TWO 5-13-056: 20S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE WINTERBURN GRP	(DRRZD 39) (DRRZD 80)
		TRACT THREE 5-13-056: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE WINTERBURN GRP	(DRRZD 3) (DRRZD 80)
		TRACT FOUR 5-13-056: 30-32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE WINTERBURN GRP	(DRRZD 4) (DRRZD 80)
		TRACT FIVE 5-13-056: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE WINTERBURN GRP	(DRRZD 60) (DRRZD 80)
B0207	1024	5-08-057: 13;14;23;24 PETROLEUM AND NATURAL GAS	(PDR001501)
B0208	1536	5-16-057: 19;20;29-32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE WINTERBURN GRP	(TSH002101) (DRRZD 21) (DRRZD 80)
B0209	512	5-18-058: 21;28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0210	256	5-20-059: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0211	256	5-21-060: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0212	256	5-21-060: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 38) (DRRZD 37)
B0213	256	5-21-060: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0214	512		(IR2000902)
	TRACT ONE	5-07-061: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT TWO	5-07-061: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (DRRZD 4)
B0215	256		
	TRACT ONE	5-15-061: 4SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 22) (DRRZD 21)
	TRACT TWO	5-15-061: 4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-15-061: 4W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 67)
B0216	256	6-04-061: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0217	704		(CRG000501) (SIP000601)
		5-24-062: 4;7;9S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0218	256		(CRG000501) (SIP000601)
		5-24-062: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 21) (DRRZD 37)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0219	576		(CRG000701) (SIP000601)
TRACT ONE		5-25-062: 2S PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT TWO		5-25-062: 10NW;15N,SW;16NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
TRACT THREE		5-25-062: 2N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 38) (DRRZD 21)

B0220	1792		
TRACT ONE		6-06-063: 30W PETROLEUM AND NATURAL GAS	
TRACT TWO		6-06-064: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 51)
TRACT THREE		6-06-063: 19;30E;31 6-06-064: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
TRACT FOUR		6-06-063: 20;29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)

B0221	512		(ES4000103) (PRA017301) (TSH002501)
TRACT ONE		6-05-064: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE FERNIE GRP	(DRRZD 38) (DRRZD 276)
TRACT TWO		6-05-064: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE FERNIE GRP	(DRRZD 21) (DRRZD 276)

B0222	1024		(ES2000103)
TRACT ONE		6-07-064: 2;11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
TRACT TWO		6-07-064: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT THREE		6-07-064: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

B0223	512		(ES2000103)
TRACT ONE		6-07-064: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
TRACT TWO		6-07-064: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0224	512	6-03-066: 17;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
B0225	2816	TRACT ONE 6-08-066: 18 PETROLEUM AND NATURAL GAS	
		TRACT TWO 6-09-066: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
		TRACT THREE 6-09-066: 7;8;10;15-17;20;21;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0226	1792	6-10-066: 22;25;28;32;33;35;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(CRG000701) (DRRZD 276)
B0227	512	TRACT ONE 6-06-067: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE BELLOY FM	(DRRZD 21) (DRRZD 32)
		TRACT TWO 6-06-067: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM TO THE BASE OF THE BELLOY FM	(DRRZD 246) (DRRZD 32)
B0228	1024	6-05-068: 5;15;21;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
B0229	256	6-05-068: 33 PETROLEUM AND NATURAL GAS	
B0230	256	6-04-069: 21 PETROLEUM AND NATURAL GAS	
B0231	512	5-25-070: 17 5-26-070: 24 PETROLEUM AND NATURAL GAS	(TSH002501)
B0232	1030	TRACT ONE 5-27-070: 26EF;35EF;36SE,NW 6-01-070: 24W;25;36 PETROLEUM AND NATURAL GAS	(IRS000201)
		TRACT TWO 5-27-070: 25SE,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0233	256	6-07-070: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NIKANASSIN FM	(TSH002501) (DRRZD 34)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0234	512	6-08-070: 23;26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0235	512	6-08-070: 27;34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
B0236	768	TRACT ONE 5-25-071: 29;33 PETROLEUM AND NATURAL GAS TRACT TWO 5-25-071: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE GRANITE WASH	(DRRZD 92)
B0237	256	6-08-072: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NIKANASSIN FM	(DRRZD 34)
B0238	512	TRACT ONE 6-09-072: 23W PETROLEUM AND NATURAL GAS TRACT TWO 6-09-072: 22;23E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
B0239	768	4-26-074: 25;26;35 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR EXCEPTING NATURAL GAS IN THE WABAMUN GRP	(ADM002001) (ZD 290-2) (ZD 290-2)
B0240	1024	TRACT ONE 4-25-075: 2 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR TRACT TWO 4-25-075: 3;4;9 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR EXCEPTING NATURAL GAS IN THE WABAMUN GRP	(ADM002001) (ZD 2448) (ZD 290-2) (ZD 290-2)
B0241	768	TRACT ONE 4-25-075: 13;24 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR EXCEPTING NATURAL GAS IN THE WABAMUN GRP TRACT TWO 4-25-075: 23 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR EXCEPTING NATURAL GAS IN THE WABAMUN GRP	(ADM002001) (ZD 272) (ZD 272) (ZD 290-2) (ZD 290-2)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0242	512		(ADM002001)
	TRACT ONE	4-26-075: 22 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE WABISKAW MBR EXCEPTING NATURAL GAS IN THE WABAMUN GRP	(ZD 287) (ZD 287)
	TRACT TWO	4-26-075: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0243	256	5-26-075: 3 PETROLEUM AND NATURAL GAS	
B0244	256	5-26-075: 10 PETROLEUM AND NATURAL GAS	
B0245	1024	5-07-076: 21;28;33 5-07-077: 4 PETROLEUM AND NATURAL GAS	
B0246	256	6-01-076: 10 PETROLEUM AND NATURAL GAS	(IRS000201)
B0247	256		(TSH002501)
	TRACT ONE	6-11-076: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DOIG FM	(DRRZD 21) (DRRZD 251)
	TRACT TWO	6-11-076: 26S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE DOIG FM	(DRRZD 247) (DRRZD 251)
B0248	768	5-07-077: 8;17;18 PETROLEUM AND NATURAL GAS	
B0249	1280	5-07-077: 20;29-32 PETROLEUM AND NATURAL GAS	(CRG000401)
B0250	512	5-07-078: 5;6 PETROLEUM AND NATURAL GAS	(CRG000401)
B0251	1536		(CRG000401)
	TRACT ONE	5-07-078: 7;17-20 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-07-078: 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0252	768		(CRG000401)
	TRACT ONE	5-07-078: 16;21 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-07-078: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0253	1792	5-07-079: 9-11;14-16;21 PETROLEUM AND NATURAL GAS	(CRG000401)
B0254	1792	5-07-079: 22;27;28;33;34 5-07-080: 3;4 PETROLEUM AND NATURAL GAS	(CRG000401)
B0255	2048	5-07-080: 9;10;15;16;21;22;27;28 PETROLEUM AND NATURAL GAS	(CRG000401)
B0256	1485.84	6-03-081: 21;22;27-29;33S,NP PORTION(S) LYING OUTSIDE SURRENDERED BEAVER INDIAN RESERVE NO. 152. PETROLEUM AND NATURAL GAS	
B0257	256	6-08-083: 30 PETROLEUM AND NATURAL GAS	(WPP000901)
B0258	7680	5-04-085: 25-36 5-04-086: 1-14;23-26 PETROLEUM AND NATURAL GAS	(ADM002001) (IRS000102)
B0259	7168	5-05-085: 28-34 5-05-086: 1-12;16-20;29-32 PETROLEUM AND NATURAL GAS	(CRG000401)
B0260	5120	5-06-085: 14-16;20-36 PETROLEUM AND NATURAL GAS	(CRG000401)
B0261	8192	5-03-086: 1-32 PETROLEUM AND NATURAL GAS	(ADM002001)
B0262	3072	5-04-086: 17-20;29-32 5-04-087: 5-8 PETROLEUM AND NATURAL GAS	(ADM002001)
B0263	5888	5-06-086: 1-15;22-27;35;36 PETROLEUM AND NATURAL GAS	(CRG000401)
B0264	6656	5-03-087: 1-26 PETROLEUM AND NATURAL GAS	(ADM002001)
B0265	7424	5-05-087: 1-12;14-22;27-34 PETROLEUM AND NATURAL GAS	(CRG000401)
B0266	7680		(ADM002001) (CRG000401) (TSH001801)
TRACT ONE		5-06-087: 1;2;10-14;23-26;32-36 5-06-088: 1-13 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-06-087: 22 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE KEG RIVER SS	(DRRZD 176)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0267	3072		(ADM002001)
	TRACT ONE	5-04-088: 23-26;35;36 5-04-089: 1;2;11-13;14S PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-04-089: 14N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER FM	(DRRZD 64)
B0268	1024		(ADM002001) (IRS000101) (IRS000102)
	TRACT ONE	5-04-089: 31-33;34W PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-04-089: 34E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER FM	(DRRZD 64)
B0269	4096		(ADM002001)
	TRACT ONE	5-05-089: 5-8;18;19;26-29;30N,SE;31-35 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-05-089: 30SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE KEG RIVER FM	(DRRZD 64)
B0270	8128		(ADM002001) (CRG000401)
		5-06-089: 15-21;28-33 5-06-090: 5-7;8S,NW;9;16-18 5-07-089: 20-28;35;36 PETROLEUM AND NATURAL GAS	
B0271	7168		(ADM001902) (CRG000801)
	TRACT ONE	5-07-097: 19;27-31;34 5-07-098: 3-18 5-08-097: 23-25;36 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-07-098: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0272	7424		(ADM002001) (CRG000801)
		5-06-098: 1;7-15;18-36 PETROLEUM AND NATURAL GAS	
B0273	7680		(ADM001902) (CRG000801)
	TRACT ONE	5-07-098: 19-23;25-36 5-07-099: 1-12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-07-098: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0274	7168		(ADM001902) (CRG000801)
		5-08-098: 1;12;13;24-36 5-08-099: 1-12 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0275	7168	5-09-098: 17-20;29-32 5-09-099: 5-8;17-20;29-32 5-10-098: 33-36 5-10-099: 33-36 PETROLEUM AND NATURAL GAS	(ADM001902)
B0276	7936	5-10-098: 2-32 PETROLEUM AND NATURAL GAS	(ADM001902) (PNA015601)
B0277	8192	5-06-099: 1-32 PETROLEUM AND NATURAL GAS	(ADM002001) (CRG000801)
B0278	7872	5-06-099: 33-36 5-06-100: 1-24;25S,NE;26S;27;28S PETROLEUM AND NATURAL GAS	(ADM002001)
B0279	7168	5-07-099: 13-36 5-07-100: 1-4 PETROLEUM AND NATURAL GAS	(ADM001902)
B0280	7168	5-08-099: 13-36 5-08-100: 1-4 PETROLEUM AND NATURAL GAS	(ADM001902)
B0281	8192	5-10-099: 1-32 PETROLEUM AND NATURAL GAS	(ADM001902)
B0282	512	5-06-100: 29;30 PETROLEUM AND NATURAL GAS	(ADM002001)
B0283	7744	5-07-100: 5-34;35SW PETROLEUM AND NATURAL GAS	
B0284	8192	5-08-100: 5-36 PETROLEUM AND NATURAL GAS	
B0285	4096	5-09-100: 5-8;17-20;29-32 5-10-100: 33-36 PETROLEUM AND NATURAL GAS	
B0286	8192	5-10-100: 1-32 PETROLEUM AND NATURAL GAS	
B0287	2304	5-07-101: 3-8;9S,NW;10SW;17S,NW;18;19SW PETROLEUM AND NATURAL GAS	
B0288	7616	5-08-101: 1-24;27-31;32S,NW PETROLEUM AND NATURAL GAS	
B0289	8192	5-09-101: 1-32 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0290	256	5-23-121: 23 PETROLEUM AND NATURAL GAS	(CRG000801)
--- FOOTHILLS REGION ---			
B0291	2048	5-22-048: 10-12;14-16;20;21 PETROLEUM AND NATURAL GAS	(IR2000701) (IR2000702) (IR4000801) (PDM000901)
B0292	512	5-22-048: 30 5-23-048: 25 PETROLEUM AND NATURAL GAS	(IR2000702)
B0293	2048	5-23-048: 14;22-24;26;27;34;35 PETROLEUM AND NATURAL GAS	(IR2000702)
B0294	1280	5-23-048: 21;28;33 5-23-049: 4;5 PETROLEUM AND NATURAL GAS	(IR2000702)
B0295	1415.6	5-28-053: 24E,WF;25E,WF 6-01-053: 36 6-01-054: 2-4 PETROLEUM AND NATURAL GAS	
B0296	256	6-02-054: 34 PETROLEUM AND NATURAL GAS	
B0297	256	TRACT ONE 6-05-060: 36S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR	(DRRZD 77)
		TRACT TWO 6-05-060: 36N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
131	295,387.44	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ZD: 3-1 ZONE: 3260 GETHING FM

INTERVAL: 2,855.00 - 3,105.00 FEET
KEY WELL: 00/02-14-082-02W6/0
LOG TYPE: ELECTRICAL

 ZONE: 4000 JURASSIC SYSTEM

INTERVAL: 3,105.00 - 3,315.00 FEET
KEY WELL: 00/02-14-082-02W6/0
LOG TYPE: ELECTRICAL

 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 3,315.00 - 3,883.00 FEET
KEY WELL: 00/02-14-082-02W6/0
LOG TYPE: ELECTRICAL

ZD: 32-1 ZONE: 2422 BSL COLORADO&BLAIRMORE

INTERVAL: 2,572.00 - 2,982.00 FEET
KEY WELL: 03/13-34-021-12W4/0
LOG TYPE: RADIOACTIVITY

ZD: 58-1 ZONE: 2140 VIKING FM

INTERVAL: 2,371.00 - 2,488.00 FEET
KEY WELL: 00/01-33-022-04W4/0
LOG TYPE: ELECTRICAL

ZD: 58-A-1 ZONE: 2440 BLAIRMORE GRP

INTERVAL: 2,738.00 - 3,016.00 FEET
KEY WELL: 00/06-28-022-05W4/0
LOG TYPE: ELECTRICAL

ZD: 77 ZONE: 2140 VIKING FM

INTERVAL: 2,452.00 - 2,503.00 FEET
KEY WELL: 00/13-27-038-08W4/0
LOG TYPE: ELECTRICAL

ZD: 129 ZONE: 2140 VIKING FM

INTERVAL: 2,668.00 - 2,718.00 FEET
KEY WELL: 00/10-29-034-06W4/0
LOG TYPE: NOT IDENTIFIED

ZD: 156 ZONE: 2420 BASAL COLORADO SD

INTERVAL: 2,799.00 - 2,809.00 FEET
KEY WELL: 00/07-19-024-10W4/0
LOG TYPE: ELECTRICAL

 ZONE: 3180 BASAL BLAIRMORE

INTERVAL: 3,028.00 - 3,082.00 FEET
KEY WELL: 00/07-19-024-10W4/0
LOG TYPE: ELECTRICAL

ZD: 156-A ZONE: 2500 UPPER MANNVILLE FM

INTERVAL: 2,809.00 - 3,028.00 FEET
KEY WELL: 00/07-19-024-10W4/0
LOG TYPE: ELECTRICAL

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ZONE DESIGNATIONS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ZD: 162 ZONE: 2140 VIKING FM
INTERVAL: 2,532.00 - 2,580.00 FEET
KEY WELL: 00/11-06-035-05W4/0
LOG TYPE: INDUCTION

ZD: 227 ZONE: 6420 PEKISKO FM
INTERVAL: 7,146.00 - 7,192.00 FEET
KEY WELL: 00/11-04-045-05W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 272 ZONE: 3060 WABISKAW MBR
INTERVAL: 2,130.00 - 2,195.00 FEET
KEY WELL: 00/06-19-075-24W4/0
LOG TYPE: INDUCTION ELECTRIC

 ZONE: 6580 WABAMUN GRP
INTERVAL: 2,195.00 - 2,260.00 FEET
KEY WELL: 00/06-19-075-24W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 287 ZONE: 3060 WABISKAW MBR
INTERVAL: 2,720.00 - 2,760.00 FEET
KEY WELL: 00/06-33-075-26W4/0
LOG TYPE: GAMMA RAY NEUTRON

 ZONE: 6580 WABAMUN GRP
INTERVAL: 2,760.00 - 2,773.00 FEET
KEY WELL: 00/06-33-075-26W4/0
LOG TYPE: GAMMA RAY NEUTRON

ZD: 290-2 ZONE: 3060 WABISKAW MBR
INTERVAL: 2,155.00 - 2,195.00 FEET
KEY WELL: 00/06-19-075-24W4/0
LOG TYPE: INDUCTION ELECTRIC

 ZONE: 6580 WABAMUN GRP
INTERVAL: 2,195.00 - 2,695.00 FEET
KEY WELL: 00/06-19-075-24W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 295 ZONE: 6380 ELKTON MBR
INTERVAL: 8,630.00 - 8,655.00 FEET
KEY WELL: 00/04-21-053-17W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 1014-1 ZONE: 2140 VIKING FM
INTERVAL: 2,565.00 - 2,610.00 FEET
KEY WELL: 00/06-30-035-05W4/0
LOG TYPE: ELECTRICAL

ZD: 1029-1 ZONE: 2140 VIKING FM
INTERVAL: 2,641.00 - 2,675.00 FEET
KEY WELL: 00/11-32-035-06W4/0
LOG TYPE: ELECTRICAL

ZONE DESIGNATIONS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ZD: 2028 ZONE: 2140 VIKING FM

INTERVAL: 2,014.00 - 2,120.00 FEET
KEY WELL: 00/10-01-023-04W4/0
LOG TYPE: ELECTRICAL

ZD: 2041 ZONE: 2140 VIKING FM

INTERVAL: 2,761.00 - 2,806.00 FEET
KEY WELL: 00/11-09-034-07W4/0
LOG TYPE: ELECTRICAL

ZD: 2057 ZONE: 2140 VIKING FM

INTERVAL: 2,780.00 - 2,855.00 FEET
KEY WELL: 00/07-34-034-08W4/0
LOG TYPE: ELECTRICAL

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

ZD: 2448 ZONE: 3060 WABISKAW MBR

INTERVAL: 1,980.00 - 2,020.00 FEET
KEY WELL: 00/11-02-075-25W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 2525 ZONE: 3180 BASAL BLAIRMORE

INTERVAL: 3,261.00 - 3,364.00 FEET
KEY WELL: 00/06-31-020-06W4/0
LOG TYPE: ELECTRICAL

ZD: 2528-1 ZONE: 2140 VIKING FM

INTERVAL: 2,760.00 - 3,000.00 FEET
KEY WELL: 00/05-05-021-06W4/0
LOG TYPE: ELECTRICAL

ZD: 2884 ZONE: 3100 LOWER MANNVILLE FM

INTERVAL: 6,011.00 - 6,097.00 FEET
KEY WELL: 00/10-29-053-10W5/0
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

ZD: 3092-1 ZONE: 3113 L MANNVILLE - ROCK CREEK

INTERVAL: 6,724.00 - 6,890.00 FEET
KEY WELL: 00/07-10-052-11W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

APPENDIX 1

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ZONE DESIGNATIONS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ZD: 3441 ZONE: 3050 BLUESKY-GETHING
INTERVAL: 8,562.00 - 8,804.00 FEET
KEY WELL: 00/06-20-050-15W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

 ZONE: 4320 ROCK CREEK MBR
INTERVAL: 8,838.00 - 8,925.00 FEET
KEY WELL: 00/06-20-050-15W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

INTERVAL: 6,303.00 - 6,436.00 FEET
KEY WELL: 00/16-16-041-06W5/0
LOG TYPE: ELECTRICAL

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2,557.00 - 2,985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 5 ZONE: 7440 BEAVERHILL LAKE GRP

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

DRRZD: 6 ZONE: 2140 VIKING FM

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

DRRZD: 8 ZONE: 2130 BOW ISLAND SD

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

DRRZD: 10 ZONE: 7655 GILWOOD MBR

INTERVAL: 5,693.00 - 5,772.00 FEET
KEY WELL: 00/02-21-079-08W5/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 11 ZONE: 1580 MILK RIVER FM

INTERVAL: 677.00 - 972.00 FEET
KEY WELL: 00/15-02-014-05W4/0
LOG TYPE: ELECTRICAL

DRRZD: 12 ZONE: 1640 MEDICINE HAT SD

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

DRRZD: 13 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1,820.00 - 2,030.00 FEET
KEY WELL: 00/10-17-014-09W4/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

DRRZD: 17 ZONE: 7735 KEG RIVER SS

INTERVAL: 5,625.00 - 5,728.00 FEET
KEY WELL: 00/04-26-081-09W5/0
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: 28 ZONE: 6300 TURNER VALLEY FM

INTERVAL: 5,817.00 - 6,172.00 FEET
KEY WELL: 00/08-30-019-02W5/0
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.

DRRZD: 30 ZONE: 6420 PEKISKO FM

INTERVAL: 9,232.00 - 9,390.00 FEET
KEY WELL: 00/07-13-033-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 32 ZONE: 5560 BELLOY FM

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

DRRZD: 34 ZONE: 4080 NIKANASSIN FM

INTERVAL: 2,555.00 - 2,680.00 METRES
KEY WELL: 00/10-01-068-09W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JANUARY 09 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

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: 40 ZONE: 2280 PEACE RIVER FM

INTERVAL: 3,760.00 - 4,008.00 FEET
KEY WELL: 00/07-09-076-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

DRRZD: 51 ZONE: 1700 CARDIUM FM

INTERVAL: 2,350.40 - 2,415.70 METRES
KEY WELL: 00/07-36-058-03W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 58 ZONE: 5000 TRIASSIC SYSTEM

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

DRRZD: 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: 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

DRRZD: 66 ZONE: 4440 NORDEGG MBR

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

DRRZD: 67 ZONE: 7200 LEDUC FM

INTERVAL: 8,554.00 - 9,100.00 FEET
KEY WELL: 00/06-33-060-15W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

DRRZD: 77 ZONE: 1540 CHINOOK MBR

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

DRRZD: 79 ZONE: 6960 NISKU FM

INTERVAL: 8,324.00 - 8,730.00 FEET
KEY WELL: 00/06-25-050-10W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 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

DRRZD: 89 ZONE: 7200 LEDUC FM

INTERVAL: 7,207.00 - 7,378.00 FEET
KEY WELL: 00/06-24-087-07W6/0
LOG TYPE: BHC ACOUSTILOG

DRRZD: 90 ZONE: 4000 JURASSIC SYSTEM

INTERVAL: 7,052.00 - 7,148.00 FEET
KEY WELL: 00/06-29-039-03W5/0
LOG TYPE: INDUCTION ELECTROLOG

DRRZD: 92 ZONE: 7975 GRANITE WASH

INTERVAL: 9,789.00 - 9,865.00 FEET
KEY WELL: 00/09-10-074-01W6/0
LOG TYPE: ELECTRICAL

DRRZD: 176 ZONE: 7735 KEG RIVER SS

INTERVAL: 4,934.00 - 4,998.00 FEET
KEY WELL: 00/07-06-090-10W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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: 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

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

DRRZD: 255 ZONE: 6440 BANFF FM

INTERVAL: 2,690.00 - 2,892.00 METRES
KEY WELL: 00/01-18-066-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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: 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

DRRZD: 276 ZONE: 4140 FERNIE GRP

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

DRRZD: 280 ZONE: 1060 EDMONTON GRP

INTERVAL: 335.00 - 962.00 METRES
KEY WELL: 00/06-24-044-04W5/0
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

DRRZD: 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 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ADM001801

LEASE A0094
LEASE A0095
LEASE A0096

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:

CHRIS RUDLAND
MANAGER, SALES AND REGISTRATIONS
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9426

ADM001902

LAND DESCRIPTION

LEASE A0151
LEASE A0153
LICENCE B0271
LICENCE B0273
LICENCE B0274
LICENCE B0275
LICENCE B0276
LICENCE B0279 5-07-099: 13-36
LICENCE B0280 5-08-099: 13-36
LICENCE B0281

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:

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 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ADM002001	LAND DESCRIPTION
LEASE	A0131
LEASE	A0132
LICENCE	B0239
LICENCE	B0240
LICENCE	B0241
LICENCE	B0242
LICENCE	B0258
LICENCE	B0261
LICENCE	B0262
LICENCE	B0264
LICENCE	B0266 5-06-088: 1-13
LICENCE	B0267
LICENCE	B0268
LICENCE	B0269
LICENCE	B0270
LICENCE	B0272
LICENCE	B0277
LICENCE	B0278
LICENCE	B0282

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:
CHRIS RUDLAND
MANAGER, SALES AND REGISTRATIONS
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 422-9426

CFB000502	LAND DESCRIPTION
LICENCE	B0167 4-06-020: 7;18 4-07-020: 13

IS/ARE WITHIN CANADIAN FORCES BASE SUFFIELD. FOR INFORMATION CONCERNING SURFACE ACCESS PLEASE REFER TO ALBERTA ENERGY INFORMATION BULLETIN 99-6 AND INFORMATION LETTER 99-36.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
BOB BARON
SUPERVISOR, RANGE SAFETY
SUFFIELD INDUSTRY RANGE CONTROL LTD.
500 CENTRE ST SE
PO BOX 766
CALGARY AB T2P 0M5 (403) 544-4485

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

CFB000504 LAND DESCRIPTION
LICENCE B0167 4-06-020: 7;18
4-07-020: 13

IS/ARE WITHIN CANADIAN FORCES BASE SUFFIELD. ALL OIL AND GAS EXPLORATION AND DEVELOPMENT ACTIVITIES WITHIN THE SUFFIELD MILITARY BASE CAN ONLY BE CONDUCTED FOLLOWING JOINT EXECUTION OF A SURFACE ACCESS AGREEMENT BY THE ALBERTA DEPARTMENT OF ENERGY, SUFFIELD INDUSTRY RANGE CONTROL LTD. (RANGE SAFETY) AND THE LESSEE HOLDING THE P & NG RIGHTS AND WITH PRIOR APPROVAL OF RANGE SAFETY.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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 LAND DESCRIPTION

LEASE A0133
LEASE A0134
LEASE A0135
LEASE A0136
LEASE A0137
LEASE A0138
LEASE A0139
LEASE A0140
LICENCE B0249 5-07-077: 29N;31;32
LICENCE B0250
LICENCE B0251
LICENCE B0252
LICENCE B0253
LICENCE B0254
LICENCE B0255
LICENCE B0259 5-05-085: 29N,SW;30-32;33N,SW
5-05-086: 3N,SW;4-10;11NW;16-20;29-32
LICENCE B0260 5-06-085: 14-16;20-29;30S,NE;31E;32-36
LICENCE B0263 5-06-086: 1-15;22-27;35;36
LICENCE B0265 5-05-087: 3S,NW;4-8;9S,NW;17-19;20W;29SW;30
LICENCE B0266 5-06-087: 1;2;10-14;22E;23-26;32;36S
5-06-088: 4W;5-9;10NW
LICENCE B0270 5-06-089: 16S,NW;17-19;20S
5-07-089: 23SE;24;25SE

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

CRG000501

LEASE A0112
LICENCE B0217
LICENCE B0218

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

APPENDIX 3

PAGE 4

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

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

CRG000701 LAND DESCRIPTION

LICENCE B0219
LICENCE B0226 6-10-066: 32W

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 LAND DESCRIPTION

LEASE A0156
LICENCE B0271
LICENCE B0272
LICENCE B0273 5-07-098: 19-36
5-07-099: 1-4;5S;10S;11;12
LICENCE B0274 5-08-098: 1;12;13;24;25;26S,NE;36S
LICENCE B0277 5-06-099: 1S,NW;2-10;11SW;16SW;17S;18S
LICENCE B0290

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 A0113
LEASE A0114
LICENCE B0222 6-07-064: 2NWP;3NP;11SP,N
LICENCE B0223 6-07-064: 10S,NWP,NE;14SP,NEP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE
MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

ES2000104 LAND DESCRIPTION
LEASE A0166 6-06-059: 14NWP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF KNETEMAN
SENIOR WILDLIFE BIOLOGIST
HINTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
131 CIVIC CENTRE RD FLOOR 3
HINTON AB T7V 1E6 (780) 865-8264

ES4000101 LAND DESCRIPTION
LICENCE B0180 5-14-049: 6NW,L5-L7,L10,L15

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:

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

ES4000103 LAND DESCRIPTION
LICENCE B0221 6-05-064: 15L1,L8,L9,L14-L16;22E,L3,L6,L11,L14

IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

HRV000101 LAND DESCRIPTION
LEASE A0074 4-05-048: 20L11,L14

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 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) 723-8518

IR2000702 LAND DESCRIPTION
LICENCE B0291 5-22-048: 11NP;14NP, SEP, SW;15P;16NEP;20SEP, NWP, NE;21P
LICENCE B0292 5-22-048: 30SP
5-23-048: 25SP
LICENCE B0293 5-23-048: 14P;22NP;23SP, NWP, NE;24SP, NW, NEP;26SP;27P;
34P;35SWP
LICENCE B0294 5-23-048: 28EP;33SP, NWP, NE
5-23-049: 4P;5NP, SEP

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

IR2000902 LAND DESCRIPTION
LICENCE B0214 5-07-061: 22EP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

CURTIS STAMBAUGH
AREA WILDLIFE BIOLOGIST
WHITECOURT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
PROVINCIAL BUILDING
5020 52 AVE
WHITECOURT AB T7S 1N2 (780) 778-7119

IR3000201 LAND DESCRIPTION
LEASE A0100 5-06-037: 23WP

IS/ARE WITHIN THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

MYLES JENSEN
DISTRICT CONSERVATION OFFICER
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PARKS AND PROTECTED AREAS
4919 51 ST FLOOR 1
ROCKY MOUNTAIN HOUSE AB T4T 1B5 (403) 845-8245

IR4000801 LAND DESCRIPTION
LICENCE B0291 5-22-048: 10SEP;11SP

IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) OF THE COAL BRANCH INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

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

IRS000101 LAND DESCRIPTION
LICENCE B0268 5-04-089: 32EP;33SP,NWP;34SP,NWP

IS/ARE WITHIN THE PEERLESS-GRAHAM LAKES RESOURCE MANAGEMENT PLAN.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

NOEL ST. JEAN
SECTION HEAD
EDMONTON OFFICE - PUBLIC LANDS DEPT. OF SUSTAINABLE RESOURCE DEV
LAND USE OPERATIONS BRANCH
PETROLEUM LAND USE AND RECLAMATION
SECTION
9915 108 ST NW FLOOR 3
EDMONTON AB T5K 2G8 (780) 415-5860

IRS000102 LAND DESCRIPTION
LICENCE B0258 5-04-086: 26NWP
LICENCE B0268 5-04-089: 32P;33NP,SEP;34P

IS/ARE WITHIN THE PEERLESS-GRAHAM LAKES RESOURCE MANAGEMENT PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

NOEL ST. JEAN
SECTION HEAD
EDMONTON OFFICE - PUBLIC LANDS DEPT. OF SUSTAINABLE RESOURCE DEV
LAND USE OPERATIONS BRANCH
PETROLEUM LAND USE AND RECLAMATION
SECTION
9915 108 ST NW FLOOR 3
EDMONTON AB T5K 2G8 (780) 415-5860

IRS000201 LAND DESCRIPTION
LEASE A0126 5-26-075: 23NW
LICENCE B0232 5-27-070: 25SE,NW;26E;35E;36NW
6-01-070: 24W;25;36
LICENCE B0246 6-01-076: 10EP

IS/ARE WITHIN THE STURGEON LAKE-PUSKWASKAU EAST INTEGRATED RESOURCE PLAN.

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

NAT002201 LAND DESCRIPTION
LEASE A0100 5-06-037: 23WP

IS/ARE WITHIN A NATURAL AREA, ESTABLISHED UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

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

PDM000901 LAND DESCRIPTION
LICENCE B0291 5-22-048: 12L16

IS/ARE WITHIN A PERMIT TO DEVELOP A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT. PROSPECTIVE PURCHASERS ARE ADVISED THAT LAND USE PROBLEMS RELATING TO THE MINE OPERATIONS MAY ARISE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRENDA MASON
MANAGER, LAND ADMINISTRATION
COAL VALLEY RESOURCES INC.
NICOLE HAWKINS
10235 101 ST NW SUITE 1600
EDMONTON AB T5J 3G1 (780) 420-4092

PDR001501 LAND DESCRIPTION
LICENCE B0207 5-08-057: 23NP,L7P

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:

ROBERT SHORTEN
LAND MANAGMENT TECHNOLOGIST
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
WATER MANAGEMENT OPERATIONS
4920 51 ST SUITE 304
RED DEER AB T4N 6K8 (403) 340-7134

PNA015601 LAND DESCRIPTION
LICENCE B0276 5-10-098: 32S

IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, 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

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

PRA017301 LAND DESCRIPTION
LICENCE B0221 6-05-064: 15L13-L16;22S

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

SIP000601

LEASE A0112
LICENCE B0217
LICENCE B0218
LICENCE B0219

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

TSH001801 LAND DESCRIPTION
LICENCE B0266 5-06-087: 34NP;35NP
5-06-088: 2EP,W;3P;10EP;11NP,SEP,SW

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ALAIN FONTAINE
AREA WILDLIFE BIOLOGIST
HIGH PRAIRIE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
PROVINCIAL BUILDING
5226 53 AVE
PO BOX 1500
HIGH PRAIRIE AB T0G 1E0 (780) 523-6521

TSH002101 LAND DESCRIPTION
LICENCE B0208 5-16-057: 31NP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

CURTIS STAMBAUGH
AREA WILDLIFE BIOLOGIST
WHITECOURT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
PROVINCIAL BUILDING
5020 52 AVE
WHITECOURT AB T7S 1N2 (780) 778-7119

ADDENDA AND CONTACTS APPLICABLE TO THE 2013, JANUARY 09 PUBLIC OFFERING NOTICE

TSH002501 LAND DESCRIPTION
LEASE A0113 6-04-067: 9SP,NWP,NE
LEASE A0114 6-04-067: 9SP,NWP,NE
LICENCE B0221 6-05-064: 15P;22S,NP
LICENCE B0231 5-25-070: 17WP
 5-26-070: 24SEP
LICENCE B0233 6-07-070: 31SP,NWP,NE
LICENCE B0247 6-11-076: 26SP

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

WPP000901 LAND DESCRIPTION
LICENCE B0257 6-08-083: 30E

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

END