

2014 JANUARY 08

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2014.01.08

From	To	Total	Area
LEASES: A0001	A0118	118	22,932.8980 ha.
LICENCES: B0119	B0176	58	124,929.2700 ha.

		176	147,862.1680 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 January 08**.

HOW TO SUBMIT BIDS

1. E-Bidding is mandatory for the submission of bids for petroleum and natural gas leases and licences.
2. Bid requests must be submitted using the Department of Energy's Electronic Transfer System (ETS).

AMOUNT OF PAYMENT

1. Your total bid includes the bonus, rent at \$3.50/ha or \$50.00, whichever is greater, and a fee of \$625.00.
2. A bonus offer of less than \$2.50/ha for a lease or \$1.25/ha for a licence will not be considered.
3. The department reserves the right to reject any bid.

FORM OF PAYMENT

1. Payments must be made by electronic funds transfer (EFT) only.
2. Companies and individuals that do not have a GST registration number are liable for payment of the Goods and Services Tax on various charges. All registrants must ensure that they provide their GST registration number in writing to the Financial Services Branch @ Fax No. (780) 422-4281.

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account by noon on the day of the sale. It can take up to midnight on the day following the sale to see your funds debited from your bank account for an accepted bid.
2. Requesters of parcels posted in this public offering are expected to bid on their parcels. If you are a requester of a parcel and fail to bid, you will be charged a penalty of \$625.00 (plus GST) for each parcel unless it is purchased by someone else.
3. Attached to this notice are APPENDIX 1 and APPENDIX 2 containing applicable Zone Designations (ZDs) and Deeper Rights Reversion Zone Designations (DRRZDs) respectively (See IL 98-14), and APPENDIX 3 containing, where necessary, addenda relating to surface access and terms and conditions for acquisition of parcels within Metis Settlements (See IL 92-19).
4. Addenda do not cover every access situation. Before bidding ensure that the public land manager is contacted for specific access constraints and for standard operating guidelines for that region. On privately owned lands, access approval is a confidential matter between the landowner and the mineral lessee.
5. The Government of Alberta's *"First Nations Consultation Policy on Land Management and Resource Development"* may apply to surface activities proposed as a result of acquiring Crown mineral rights. For information contact SREM Aboriginal Affairs Branch, Alberta Energy and Environment and Sustainable Resource Development at 780-644-8734.

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2014 January 08** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	256	4-17-008: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0002	256	4-18-008: 22 PETROLEUM AND NATURAL GAS	
A0003	16	4-17-010: 5L3 PETROLEUM AND NATURAL GAS	
A0004	192	4-19-012: 18S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0005	16	4-12-013: 9L13 PETROLEUM AND NATURAL GAS	
A0006	256	4-17-015: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0007	256	4-18-017: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0008	256	4-19-017: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0009	256	4-05-027: 25 PETROLEUM AND NATURAL GAS	
A0010	256	4-14-032: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0011	256	4-17-034: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0012	256	4-17-034: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0013	256	4-01-035: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0014	256	4-17-035: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0015	256	5-04-035: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0016	256	4-23-036: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0017	16	4-02-039: 14L6 PETROLEUM AND NATURAL GAS	
A0018	1280	TRACT ONE 4-17-042: 34;36 4-17-043: 14;22 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-17-043: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0019	256	4-15-043: 2 PETROLEUM AND NATURAL GAS	
A0020	256	4-20-044: 2 PETROLEUM AND NATURAL GAS	
A0021	768	4-16-045: 2;10;11 PETROLEUM AND NATURAL GAS	
A0022	256	4-17-045: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0023	256	4-26-045: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0024	256	4-26-045: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0025	256	4-26-045: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0026	73.27	4-28-045: 4EF PETROLEUM AND NATURAL GAS	
A0027	75.6	4-28-045: 16EF PETROLEUM AND NATURAL GAS	
A0028	256	5-04-046: 21 PETROLEUM AND NATURAL GAS	

PETROLEUM AND NATURAL GAS LEASES

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0029	192	5-02-047: 34S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0030	256	4-03-048: 29 PETROLEUM AND NATURAL GAS	
A0031	16	4-03-050: 24L8 PETROLEUM AND NATURAL GAS	
A0032	64	4-06-050: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0033	64	4-06-050: 10SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0034	64	4-06-050: 10NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0035	64	4-06-050: 10NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0036	64	4-06-050: 11SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0037	64	4-06-050: 11SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0038	64	4-06-050: 11NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0039	64	4-06-050: 11NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0040	256	4-06-050: 12 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0041	64	5-04-050: 8NW PETROLEUM AND NATURAL GAS	
A0042	64	5-04-050: 18SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0043	64	5-04-050: 18SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0044	64	5-04-050: 18NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0045	64	5-04-050: 18NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0046	64	5-04-050: 22SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0047	64	5-04-050: 22NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 57)
A0048	16	4-03-051: 12L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0049	64	4-19-057: 28SE PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0050	64	4-19-057: 28NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0051	256	4-21-060: 33 PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0052	256	4-21-060: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE TOP OF THE ELK POINT GRP	(DRRZD 105) (DRRZD 284)
A0053	256	4-12-064: 3 PETROLEUM AND NATURAL GAS	(ADM011601)
A0054	256	4-18-066: 27 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
A0055	64	5-08-039: 33NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0056	256	5-05-046: 27 PETROLEUM AND NATURAL GAS	

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0057	256	5-05-046: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0058	256	5-07-048: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0059	64	5-09-048: 8NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE NISKU FM	(DRRZD 60) (DRRZD 79)
A0060	192	5-10-049: 30N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NISKU FM	(GZR001101) (DRRZD 3) (DRRZD 79)
A0061	64	5-09-050: 14SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0062	256	5-21-051: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 22)
A0063	256	5-22-051: 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(IR2000701) (IR2000702) (DRRZD 22)
A0064	256	5-19-053: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM	(PRA003201) (TSH003301) (DRRZD 6) (DRRZD 22)
A0065	256	5-22-053: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 22)
A0066	256	5-22-053: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(ES2000104) (IR2000702) (DRRZD 22)
A0067	256	5-22-053: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(ES2000104) (IR2000702) (DRRZD 22)
A0068	64	5-12-054: 11SW PETROLEUM AND NATURAL GAS	

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0069	256	5-14-054: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 60)
A0070	256	5-19-054: 25 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0071	256		(TSH003301)
	TRACT ONE	5-19-054: 26S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT TWO	5-19-054: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 22)
A0072	256	5-24-055: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 51) (DRRZD 22)
A0073	256	6-03-061: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0074	256	6-05-065: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0075	256		(ES2000103)
		6-05-065: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0076	256		(ES2000103)
		6-05-065: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0077	256		(CRG002101)
		6-12-067: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WAPITI GRP	(DRRZD 279)
A0078	256	4-20-068: 27 PETROLEUM AND NATURAL GAS	
A0079	256	4-20-068: 28 PETROLEUM AND NATURAL GAS	
A0080	362.4		(CRG002101)
		6-14-068: 1E,WF;12E,WF PETROLEUM AND NATURAL GAS	
A0081	768		(TSH003301)
		6-06-072: 29 6-07-072: 36 6-07-073: 11 PETROLEUM AND NATURAL GAS	

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

PAGE 7

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0082	256	6-12-072: 7 PETROLEUM AND NATURAL GAS	(TSH003301)
A0083	256	6-13-072: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0084	256	5-25-077: 7 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE DEBOLT FM	(TSH003301) (ZD 3525)
A0085	256	5-25-077: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
A0086	192	5-25-077: 21N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
A0087	192	5-25-077: 31N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 111)
A0088	128	6-04-077: 33S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0089	128	6-05-077: 1S PETROLEUM AND NATURAL GAS	
A0090	64	6-05-077: 2SE PETROLEUM AND NATURAL GAS	
A0091	256	5-03-078: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE WOODBEND GRP	(ADM011601) (DRRZD 4) (DRRZD 258)
A0092	256	5-03-078: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WOODBEND GRP	(ADM011601) (DRRZD 258)
A0093	256	5-23-079: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ADM001901) (DRRZD 277)
A0094	256	5-23-080: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(ADM001901) (DRRZD 277)
A0095	64	5-10-081: 11NW PETROLEUM AND NATURAL GAS	
A0096	256	6-05-081: 6 PETROLEUM AND NATURAL GAS	

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION
A0097	256	6-05-081: 7 PETROLEUM AND NATURAL GAS
A0098	256	6-08-081: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD (DRRZD 21) TO THE BASE OF THE STODDART GRP (DRRZD 271)
A0099	128	6-08-082: 9E PETROLEUM AND NATURAL GAS
A0100	64	6-10-089: 31SE PETROLEUM AND NATURAL GAS (CRG001701)
A0101	128	5-10-104: 30W PETROLEUM AND NATURAL GAS
A0102	64	6-05-114: 34NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM (DRRZD 43)
A0103	5.628	6-06-114: 21NEP PORTION(S) LYING OUTSIDE AMBER RIVER INDIAN RESERVE NO. 211 AS SHOWN ON CANADA LANDS SURVEYS RECORDS PLAN 55343. PETROLEUM AND NATURAL GAS
A0104	64	6-06-114: 28NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM (DRRZD 43)
A0105	64	6-06-114: 33SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MUSKEG FM (DRRZD 44)
A0106	64	6-06-114: 35NW PETROLEUM AND NATURAL GAS
A0107	64	6-05-115: 4SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM (DRRZD 18)
A0108	192	6-05-115: 5N, SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM (DRRZD 18)
A0109	128	6-05-115: 16SE, NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM (DRRZD 18)
A0110	64	6-05-115: 21SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM (DRRZD 18)

2014, JANUARY 08

LEASE	HECTARES	LAND DESCRIPTION	
A0111	64	6-05-115: 29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0112	256	6-06-115: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0113	192	6-06-115: 15N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0114	256	TRACT ONE 6-06-115: 25N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
		TRACT TWO 6-06-115: 25SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
A0115	256	6-06-115: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
--- Foothills Region ---			
A0116	64	5-04-028: 24SE PETROLEUM AND NATURAL GAS	
A0117	64	5-04-028: 24SW PETROLEUM AND NATURAL GAS	
A0118	64	5-04-028: 24NW PETROLEUM AND NATURAL GAS	
118	22,932.90	HA TOTALS	END

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0119	256	5-22-052: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(IR2000702) (DRRZD 3) (DRRZD 21)
B0120	1152		(ES2000102)
	TRACT ONE	5-17-055: 20;28 5-18-055: 24N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-17-055: 21;29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 6) (DRRZD 21)
B0121	768		(FRP004401)
	TRACT ONE	5-17-056: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT TWO	5-17-055: 26 5-17-056: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0122	768		
	TRACT ONE	5-17-057: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	5-17-056: 29;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 6) (DRRZD 21)
B0123	512	5-17-057: 3;10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0124	256	5-08-061: 10 PETROLEUM AND NATURAL GAS	
B0125	256	5-08-061: 17 PETROLEUM AND NATURAL GAS	
B0126	256	5-09-061: 1 PETROLEUM AND NATURAL GAS	

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0127	4416		
	TRACT ONE	5-14-065: 31 5-14-066: 7;31 5-15-066: 14;15S,NE;23E;24;27;28SW;36 5-15-067: 11;23 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-15-066: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-14-066: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT FOUR	5-15-066: 15NW;16;23W;26N;28N;33;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
<hr/>			
B0128	3840		(TSH003301)
	TRACT ONE	5-20-066: 3;4;14 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-20-065: 23;24;26;28;34;35;36N 5-20-066: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT THREE	5-20-065: 25SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
	TRACT FOUR	5-20-065: 31 5-20-066: 5;6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT FIVE	5-20-065: 25N,SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 22) (DRRZD 80)
	TRACT SIX	5-20-065: 36S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
<hr/>			
B0129	3840		
	TRACT ONE	5-20-066: 18;28 5-21-065: 19;29;30;32;33 5-21-066: 13-15;25;26 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-21-066: 3;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
	TRACT THREE	5-20-066: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLOY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 32) (DRRZD 80)

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0130	7296		(PRA018501)
TRACT ONE		5-22-065: 20;29S,NW;30 5-22-066: 3;14;22;25;27-29 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-23-066: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
TRACT THREE		5-22-065: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
TRACT FOUR		5-22-066: 33;34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
TRACT FIVE		5-23-066: 30S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 40) (DRRZD 37)
TRACT SIX		5-23-065: 23NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 38) (DRRZD 37)
TRACT SEVEN		5-23-066: 3S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM EXCEPTING NATURAL GAS IN THE DUNVEGAN FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 38) (ZD 2749) (DRRZD 37)
TRACT EIGHT		5-23-065: 23SE;26;34;35 5-23-066: 1;2;3NW;10;11;14;15;19;20;30NE;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
TRACT NINE		5-22-065: 29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 40) (DRRZD 21)
<hr/>			
B0131	7168		
TRACT ONE		5-15-067: 6;7;18;19 5-16-066: 35NE;36N 5-16-067: 1-3;10-15;22-24;27-34 5-16-068: 6 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-16-066: 36SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
TRACT THREE		5-15-067: 30;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0132	2048		
	TRACT ONE	5-18-067: 3E;11;14;22N,SE;33 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-18-067: 28-30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT THREE	5-18-067: 3W;22SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP	(DRRZD 5)
B0133	512	6-02-067: 6;7 PETROLEUM AND NATURAL GAS	(TSH003301)
B0134	8192		
	TRACT ONE	5-19-068: 30 5-20-068: 4;9;14-18;22;24;26;27;32 5-20-069: 4 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-19-068: 31;32 5-19-069: 6 5-20-069: 1;2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	5-20-068: 20;28;29;35;36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
	TRACT FOUR	5-20-068: 19;21;23;25;30;34 5-20-069: 3;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0135	512	6-03-068: 24;26 PETROLEUM AND NATURAL GAS	(TSH003301)
B0136	256	6-06-070: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(SIP000102) (DRRZD 246)
B0137	256	6-06-070: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(TSH003301) (DRRZD 21)
B0138	256	6-06-070: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(TSH003301) (DRRZD 21)
B0139	256	6-07-070: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(TSH003301) (DRRZD 21)
B0140	256	6-07-070: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(TSH003301) (DRRZD 21)

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0141	1792		
	TRACT ONE	5-22-076: 25NE;26N;27;34;35S,NW;36 5-22-077: 1;2;3NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE GRANITE WASH	(DRRZD 70)
	TRACT TWO	5-22-077: 3NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP TO THE BASE OF THE GRANITE WASH	(DRRZD 5) (DRRZD 70)
B0142	512	6-06-077: 7;18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0143	320		(ADM001901)
	TRACT ONE	5-24-085: 25 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLOY FM	(DRRZD 32)
	TRACT TWO	5-24-085: 24NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 153)
B0144	8192	5-11-101: 19-30;32-36 5-11-102: 1-15 PETROLEUM AND NATURAL GAS	
B0145	8192	5-11-102: 16-30;32-36 5-11-103: 1-12 PETROLEUM AND NATURAL GAS	
B0146	8192	5-11-103: 13-36 5-11-104: 1-8 PETROLEUM AND NATURAL GAS	
B0147	6144	5-09-104: 28-33 5-09-105: 4-9;16-21 5-10-104: 25-27;34-36 PETROLEUM AND NATURAL GAS	
B0148	8192	5-11-104: 9-36 5-11-105: 1-4 PETROLEUM AND NATURAL GAS	
B0149	7664.07	5-10-105: 1-3;10-17;18SP,N;19-36 PORTION(S) LYING OUTSIDE TALL CREE INDIAN RESERVE NO. 173A. PETROLEUM AND NATURAL GAS	
B0150	8081.2	5-11-105: 5-11;12S,NW;13N,SEP,SW;14-36 PORTION(S) LYING OUTSIDE TALL CREE INDIAN RESERVE NO. 173A. PETROLEUM AND NATURAL GAS	
B0151	6912	5-11-106: 1-21;28-33 PETROLEUM AND NATURAL GAS	

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0152	256	5-21-122: 21 PETROLEUM AND NATURAL GAS	(CRG002001)
--- Foothills Region ---			
B0153	768	5-11-041: 2;3;10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0154	768	5-11-041: 2;3;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NORDEGG MBR	(DRRZD 4) (DRRZD 66)
B0155	256	5-11-041: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
B0156	256	5-11-041: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
B0157	1024	5-25-052: 27;34 5-25-053: 3;4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0158	1024	5-26-053: 15;21;23;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (DRRZD 21)
B0159	1024	TRACT ONE 5-26-053: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (DRRZD 21)
		TRACT TWO 5-26-053: 15;21;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 51) (DRRZD 21)
B0160	768	5-27-053: 14;15;22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (DRRZD 21)
B0161	768	5-27-053: 14;15;22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ES2000104) (DRRZD 21)
B0162	256	6-01-054: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0163	768	6-10-061: 3-5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (ES2000103) (ES4000103) (HRV002501) (SIP000501) (DRRZD 21)
B0164	768	6-10-061: 3-5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (ES2000103) (ES4000103) (HRV002501) (SIP000501) (DRRZD 21)
B0165	1024	6-10-061: 6-8;17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (ES2000103) (ES4000103) (SIP000501) (DRRZD 21)
B0166	1024	6-10-061: 6-8;17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (ES2000103) (ES4000103) (SIP000501) (DRRZD 21)
B0167	1024	6-10-061: 19 6-11-061: 24;25;36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (SIP000501) (DRRZD 21)
B0168	1024	6-10-061: 19 6-11-061: 24;25;36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (SIP000501) (DRRZD 21)
B0169	256	6-10-062: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
B0170	256	6-10-062: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
B0171	1024	6-10-062: 26-28;33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
B0172	1024	6-10-062: 26-28;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)

2014, JANUARY 08

LICENCE	HECTARES	LAND DESCRIPTION	
B0173	512	6-10-062: 32 6-10-063: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
B0174	512	6-10-062: 32 6-10-063: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
B0175	512	6-10-062: 35 6-10-063: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
B0176	512	6-10-062: 35 6-10-063: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(CRG002101) (DRRZD 21)
58	124,929.27	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

ZD: 2749 ZONE: 1920 DUNVEGAN FM
INTERVAL: 4,020.00 - 4,330.00 FEET
KEY WELL: 00/10-34-065-23W5/0
LOG TYPE: DUAL INDUCTION FOCUSED

ZD: 3525 ZONE: 6120 DEBOLT FM
INTERVAL: 1,321.60 - 1,581.90 METRES
KEY WELL: 00/11-07-077-25W5/0
LOG TYPE: DUAL INDUCTION SFL

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

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

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: 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: 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: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 6,948.00 - 7,042.00 FEET
KEY WELL: 00/10-07-062-19W5/0
LOG TYPE: DUAL INDUCTION FOCUSED

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: 42 ZONE: 6120 DEBOLT FM

INTERVAL: 4,444.00 - 5,294.00 FEET
KEY WELL: 00/10-11-080-03W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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: 44 ZONE: 7685 MUSKEG FM

INTERVAL: 6,079.00 - 6,664.00 FEET
KEY WELL: 00/02-08-110-08W6/0
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: 57 ZONE: 6440 BANFF FM

INTERVAL: 4,247.00 - 4,776.00 FEET
KEY WELL: 00/02-24-056-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

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: 70 ZONE: 7975 GRANITE WASH

INTERVAL: 7,806.00 - 7,837.00 FEET
KEY WELL: 00/09-16-075-19W5/0
LOG TYPE: ELECTRICAL

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: 105 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1,530.00 - 1,590.00 FEET
KEY WELL: 00/07-33-059-21W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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

DRRZD: 153 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2,573.00 - 2,707.00 FEET
KEY WELL: 00/07-16-083-23W5/2
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: 258 ZONE: 7040 WOODBEND GRP

INTERVAL: 1,284.00 - 2,251.00 FEET
KEY WELL: 00/10-29-077-18W4/0
LOG TYPE: SONIC

DRRZD: 271 ZONE: 6040 STODDART GRP

INTERVAL: 7,170.00 - 8,095.00 FEET
KEY WELL: 00/07-17-078-10W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS
APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

DRRZD: 277 ZONE: 6580 WABAMUN GRP
INTERVAL: 10,452.00 - 11,198.00 FEET
KEY WELL: 00/03-10-063-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 279 ZONE: 1120 WAPITI GRP
INTERVAL: 737.00 - 1,961.00 METRES
KEY WELL: 00/14-16-061-03W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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 2014, JANUARY 08 PUBLIC OFFERING NOTICE

ADM001901

LEASE A0093
LEASE A0094
LICENCE B0143

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

ADM011601

LEASE A0053
LEASE A0091
LEASE A0092

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

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

CRG001701

LEASE A0100

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

CRG002001

LICENCE B0152

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

CRG002101

LAND DESCRIPTION

LEASE A0077
LEASE A0080 6-14-068: 1;12S,NP
LICENCE B0163
LICENCE B0164
LICENCE B0165
LICENCE B0166
LICENCE B0167
LICENCE B0168
LICENCE B0169
LICENCE B0170
LICENCE B0171
LICENCE B0172
LICENCE B0173
LICENCE B0174
LICENCE B0175
LICENCE B0176

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

ES2000102 LAND DESCRIPTION
LICENCE B0120 5-18-055: 24NWP

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 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

ES2000103 LAND DESCRIPTION
LEASE A0075 6-05-065: 9NWP
LEASE A0076 6-05-065: 16SP,NW,NEP
LICENCE B0163 6-10-061: 3;4;5SP,NWP,NE
LICENCE B0164 6-10-061: 3;4;5SP,NWP,NE
LICENCE B0165 6-10-061: 7EP;8;17
LICENCE B0166 6-10-061: 7EP;8;17

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

ES2000104 LAND DESCRIPTION
LEASE A0066 5-22-053: 31N,SEP,SW
LEASE A0067 5-22-053: 32NP,SWP
LICENCE B0158 5-26-053: 21NP;23NWP;27
LICENCE B0159 5-26-053: 21NP;23NWP;27
LICENCE B0160 5-27-053: 14;15NP,SE,SWP
LICENCE B0161 5-27-053: 14;15NP,SE,SWP

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

ES4000103 LAND DESCRIPTION
LICENCE B0163 6-10-061: 5NWP
LICENCE B0164 6-10-061: 5NWP
LICENCE B0165 6-10-061: 6SP,N;7SP
LICENCE B0166 6-10-061: 6SP,N;7SP

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

APPENDIX 3

PAGE 4

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

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

FRP004401 LAND DESCRIPTION
LICENCE B0121 5-17-055: 26L2P,L3P,L6P,L7P,L8P,L10P,L11P

IS/ARE WITHIN A FOREST RESEARCH PLOT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

KEVIN VANDER HAEGHE
INTEGRATED PLANNING FORESTER
EDSON OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV
111 54 ST SUITE 203
EDSON AB T7E 1T2 (780) 723-8265

GZR001101
LEASE A0060

ALL LAND(S) IS/ARE WITHIN A GRAZING RESERVE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

SUE DEBRUJN
RANGELAND AGROLOGIST
DRAYTON VALLEY OFFICE - LANDS DIVISION DEPT. OF SUSTAINABLE RESOURCE DEV
6521 50 AVE
PO BOX 6090
DRAYTON VALLEY AB T7A 1R6 (780) 542-6616

HRV002501 LAND DESCRIPTION
LICENCE B0163 6-10-061: 3L9
LICENCE B0164 6-10-061: 3L9

IS/ARE WITHIN AN HISTORICAL RESOURCES MANAGEMENT AREA. PURSUANT TO SEC. 37(2) OF THE HISTORICAL RESOURCES ACT, AN HISTORICAL RESOURCES IMPACT ASSESSMENT MAY BE REQUIRED PRIOR TO CONDUCTING ANY SURFACE DISTURBANCE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

REBECCA TRAQUAIR
ADMINISTRATIVE COORDINATOR
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) 431-2373

IR2000701 LAND DESCRIPTION
LEASE A0063 5-22-051: 27WP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, JANUARY 08 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
LEASE A0063 5-22-051: 27SWP
LEASE A0066 5-22-053: 31SEP
LEASE A0067 5-22-053: 32P
LICENCE B0119 5-22-052: 10EP

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

PRA003201 LAND DESCRIPTION
LEASE A0064 5-19-053: 14SEP

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

PRA018501 LAND DESCRIPTION
LICENCE B0130 5-22-066: 25NP,SEP

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

SIP000102 LAND DESCRIPTION
LICENCE B0136 6-06-070: 26S,NE,L11,L12,L13S,L13NWSE,L13NWSW,L13NWNE,
L14

IS/ARE WITHIN WAPITI-SAND DUNES LAND-USE ZONES.
SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, JANUARY 08 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF HARTLEY
PUBLIC LANDS OFFICER
GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
10320 99 ST ROOM 2201
PO BOX 14
GRANDE PRAIRIE AB T8V 6J4 (780) 538-8080

SIP000501 LAND DESCRIPTION

LICENCE B0163
LICENCE B0164
LICENCE B0165
LICENCE B0166
LICENCE B0167 6-10-061: 19
6-11-061: 24;25;36S,NP
LICENCE B0168 6-10-061: 19
6-11-061: 24;25;36S,NP

IS/ARE WITHIN THE KAKWA-COPTON INDUSTRIAL ACCESS CORRIDOR PLAN (2008) AND IS SUBJECT TO ESRD INFORMATION LETTER 2008-02.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DALE WILLSEY
LAND AND RANGE PROGRAM MANAGER
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
10320 99 ST
GRANDE PRAIRIE AB T8V 6J4 (780) 538-8080

TSH003301 LAND DESCRIPTION

LEASE A0064 5-19-053: 14NP,SEP
LEASE A0071 5-19-054: 26NP,SEP,SW
LEASE A0081 6-07-072: 36SWP
LEASE A0082 6-12-072: 7NP,SEP,SW
LEASE A0084 5-25-077: 7NP,SEP,SW
LICENCE B0128 5-20-065: 28SP
LICENCE B0133 6-02-067: 6NP;7EP,W
LICENCE B0135 6-03-068: 24NP;26SP,NWP,NE
LICENCE B0137 6-06-070: 33NP,SEP,SW
LICENCE B0138 6-06-070: 33NP,SEP,SW
LICENCE B0139 6-07-070: 26SP,NW,NEP
LICENCE B0140 6-07-070: 26SP,NW,NEP

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