

2016 JANUARY 13

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



PUBLIC OFFERING CONTROL COUNTS FOR 2016.01.13

From	To	Total	Area
LEASES: A0001	A0098	98	26,030.2000 ha.
LICENCES: B0099	B0113	15	18,432.0000 ha.

		113	44,462.2000 ha.

PUBLIC OFFERING OF CROWN
PETROLEUM AND NATURAL GAS RIGHTS

BIDDING DEADLINE

Offers to purchase petroleum and natural gas leases and licences (including any subsequent amendments) contained in this notice will **not** be accepted after **12 noon on 2016 January 13**.

HOW TO SUBMIT BIDS

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

AMOUNT OF PAYMENT

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

FORM OF PAYMENT

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

REMEMBER

1. The bidder is responsible for having sufficient funds to cover all bids in their EFT bank account 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 **2016 January 13** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	256	4-05-001: 32 PETROLEUM AND NATURAL GAS	(SHA005101) (SHA005701)
A0002	256	4-19-001: 4 PETROLEUM AND NATURAL GAS	(GZR000201)
A0003	256	4-19-001: 7 PETROLEUM AND NATURAL GAS	(GZR000201) (HRV002501)
A0004	256	4-19-001: 32 PETROLEUM AND NATURAL GAS	(GZR000201)
A0005	256	4-20-001: 23 PETROLEUM AND NATURAL GAS	
A0006	256	4-20-001: 25 PETROLEUM AND NATURAL GAS	
A0007	256	4-05-002: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM	(SHA005101) (SHA005701) (SHA007601) (DRRZD 20)
A0008	256	4-05-002: 12 PETROLEUM AND NATURAL GAS	(SHA005701) (SHA007601)
A0009	256	4-05-002: 16 PETROLEUM AND NATURAL GAS	(ESA000501) (SHA005601) (SHA005701) (SHA007601)
A0010	256	4-05-002: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM	(ESA000502) (SHA005601) (SHA005701) (SHA007601) (DRRZD 20)
A0011	256	4-05-003: 9 PETROLEUM AND NATURAL GAS	(SHA005601) (SHA005701) (SHA007601)
A0012	256	4-05-003: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(SHA005601) (SHA005701) (SHA007601) (DRRZD 8)

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LEASE	HECTARES	LAND DESCRIPTION	
A0013	256	4-05-003: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SAWTOOTH FM	(ESA000701) (SHA005601) (SHA005701) (SHA007601) (DRRZD 20)
A0014	192	4-26-014: 23S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA006801) (DRRZD 4)
A0015	192	4-26-014: 24N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA006801) (DRRZD 4)
A0016	192	4-29-015: 34S,NE PETROLEUM AND NATURAL GAS	(SHA006701)
A0017	256	4-19-019: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
A0018	128	4-10-028: 19S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0019	512	4-11-031: 28; 29 PETROLEUM AND NATURAL GAS	
A0020	256	4-23-031: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0021	512	4-12-033: 7 4-13-033: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0022	512	4-12-033: 22; 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0023	640	4-13-033: 2; 11; 14S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0024	256	4-19-033: 12 PETROLEUM AND NATURAL GAS	(NAT014101)
A0025	64	4-11-034: 27SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0026	64	4-11-034: 27NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0027	256	4-11-034: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0028	256	4-12-035: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0029	64	4-11-036: 29SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0030	64	4-11-036: 29SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0031	64	4-21-037: 36SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0032	256	4-15-038: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0033	16	4-01-042: 16L10 PETROLEUM AND NATURAL GAS	
A0034	256	4-07-044: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE MANNVILLE GRP	(CFB001601) (DRRZD 6) (DRRZD 4)
A0035	256	4-22-046: 24 PETROLEUM AND NATURAL GAS	
A0036	256	4-12-047: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0037	192	4-20-047: 10S,NE PETROLEUM AND NATURAL GAS	
A0038	256	4-13-048: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0039	256	4-11-049: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0040	256	TRACT ONE 4-26-049: 10S,NW PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-26-049: 10NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0041	64	4-02-050: 18SE PETROLEUM AND NATURAL GAS	
A0042	64	4-25-051: 15NE PETROLEUM AND NATURAL GAS	
A0043	48	4-02-052: 16L14-L16 PETROLEUM AND NATURAL GAS	
A0044	256	4-02-055: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(ADM001801) (SHA006701) (DRRZD 6)
A0045	128	4-16-057: 6SW,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0046	256	4-16-062: 3 PETROLEUM AND NATURAL GAS	
A0047	256	4-16-062: 4 PETROLEUM AND NATURAL GAS	
A0048	256	4-16-062: 22 PETROLEUM AND NATURAL GAS	
A0049	256	4-21-066: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
--- NORTHERN REGION ---			
A0050	128	5-08-039: 14W PETROLEUM AND NATURAL GAS	
A0051	2304	5-16-043: 33-35 5-16-044: 1-4; 11; 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(IR2000601) (SHA006501) (SHA006701) (DRRZD 3)
A0052	128	5-07-045: 12S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE VIKING FM	(NAT004001) (DRRZD 39) (DRRZD 6)
A0053	64	5-15-045: 16NW PETROLEUM AND NATURAL GAS	
A0054	256	5-16-045: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(IR2000601) (SHA006501) (SHA006701) (DRRZD 3)

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LEASE	HECTARES	LAND DESCRIPTION	
A0055	128		(IR2000601) (SHA006501) (SHA006701)
		5-15-046: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0056	128		(SHA006501) (SHA006701)
		5-15-046: 14W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0057	192		(IR2000601) (SHA006501) (SHA006701)
		5-13-048: 5S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0058	768		(IR2000601) (SHA006501) (SHA006701)
		5-15-048: 2; 3; 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0059	512		(IR2000601) (SHA006501) (SHA006701)
		TRACT ONE 5-15-048: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 39) (DRRZD 60)
		TRACT TWO 5-15-048: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE VIKING FM	(DRRZD 39) (DRRZD 6)
A0060	512		(ES2000101) (IR2000601) (SHA006501) (SHA006701)
		5-15-048: 20; 27 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0061	512		(ES2000101) (IR2000601) (SHA006501) (SHA006701)
		5-15-048: 24; 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 39) (DRRZD 60)
A0062	128		
		5-09-050: 27N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0063	128		
		5-09-050: 27N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0064	256	5-08-051: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0065	64	5-11-051: 33SW PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 3)
A0066	256	5-13-051: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0067	256	5-13-052: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0068	64	5-13-052: 2SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0069	256	5-13-052: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(ES2000101) (SHA006701) (DRRZD 3)
A0070	192	5-13-052: 26S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(SHA007001) (DRRZD 3)
A0071	256	5-14-052: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(SHA007001) (DRRZD 3)
A0072	256	TRACT ONE 5-13-053: 7N,SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(SHA007001) (DRRZD 6)
		TRACT TWO 5-13-053: 7SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0073	256	5-13-053: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(SHA007001) (DRRZD 3)
A0074	128	5-13-053: 21W PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(SHA007001) (DRRZD 6)
A0075	256	5-16-054: 19 PETROLEUM AND NATURAL GAS	
A0076	256	5-20-058: 32 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA006501) (SHA006701) (DRRZD 21)

PETROLEUM AND NATURAL GAS LEASES

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LEASE	HECTARES	LAND DESCRIPTION	
A0077	256	5-18-062: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR EXCEPTING NATURAL GAS IN THE VIKING FM	(SHA006501) (DRRZD 60) (ZD 308-A)
A0078	256	5-18-062: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE ROCK CREEK MBR	(SHA006701) (DRRZD 60)
A0079	256	5-19-062: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 6) (DRRZD 22)
A0080	256	5-11-064: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(SHA006501) (DRRZD 22)
A0081	256	5-12-064: 16NW; 17NE; 20SE; 21SW PETROLEUM AND NATURAL GAS	(SHA006501)
A0082	192	5-22-064: 5S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE TRIASSIC SYSTEM	(TSH003301) (DRRZD 21) (DRRZD 37)
A0083	128	6-06-066: 22E PETROLEUM AND NATURAL GAS TO THE TOP OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0084	320	5-19-069: 23; 24SW PETROLEUM AND NATURAL GAS	(SHA007001)
A0085	256	5-25-069: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(TSH003301) (DRRZD 37)
A0086	256	6-09-071: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0087	256	5-24-074: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(SHA007001) (TSH003301) (DRRZD 255)
A0088	128	6-05-075: 19E PETROLEUM AND NATURAL GAS	(SHA007001)
A0089	256	6-11-080: 5 PETROLEUM AND NATURAL GAS	
A0090	128	6-11-080: 29W PETROLEUM AND NATURAL GAS	
A0091	128	6-12-081: 18SE,NW PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0092	1198.2		
	TRACT ONE	5-26-082: 21EF; 22; 27; 28EF; 33EF; 34; 35W PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-26-082: 35E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 111)
A0093	512	6-01-082: 25; 36 PETROLEUM AND NATURAL GAS	
A0094	512	6-07-087: 10; 11 PETROLEUM AND NATURAL GAS	
A0095	64	6-05-114: 31NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0096	64	6-05-114: 31NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
A0097	64	6-05-114: 32NE PETROLEUM AND NATURAL GAS	
--- FOOTHILLS REGION ---			
A0098	256		(SHA006501) (SHA006701)
		6-04-060: 36 PETROLEUM AND NATURAL GAS	
98	26,030.20	HA TOTALS	END

2016 JANUARY 13

LICENCE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
B0099	3584		
	TRACT ONE	4-26-031: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-25-030: 6; 7 4-26-030: 12; 14; 22; 23; 27; 34; 35 4-26-031: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT THREE	4-26-030: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SHUNDA FM	(DRRZD 29)
	TRACT FOUR	4-26-030: 10; 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)

B0100	3328		
	TRACT ONE	4-26-030: 4; 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-26-030: 9; 15; 16; 21; 28; 31-33 4-26-031: 4; 6 4-27-030: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

B0101	1792		
	TRACT ONE	4-19-032: 9-12; 16; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-18-032: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

--- NORTHERN REGION ---			
B0102	1664		(IR2000601) (SHA006501) (SHA006701)
	TRACT ONE	5-16-044: 22E; 23; 26; 27E; 34E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT TWO	5-15-044: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE TURNER VALLEY FM	(DRRZD 3) (DRRZD 28)
	TRACT THREE	5-15-044: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
	TRACT FOUR	5-16-044: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 22) (DRRZD 66)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0103	2944	5-16-044: 10; 13-16; 21; 22W; 27W; 28; 31-33; 34W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(IR2000601) (SHA006501) (SHA006701) (DRRZD 3)
B0104	1280	5-16-045: 4-8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(IR2000601) (SHA006501) (SHA006701) (DRRZD 3)
B0105	256	5-13-048: 29 PETROLEUM AND NATURAL GAS	(ES2000101) (IR2000601) (SHA006701)
B0106	256	5-13-048: 31 PETROLEUM AND NATURAL GAS	(ES2000101) (SHA006701)
B0107	256	5-13-048: 33 PETROLEUM AND NATURAL GAS	(ES2000101)
B0108	256	5-13-048: 34 PETROLEUM AND NATURAL GAS	
B0109	1792	TRACT ONE 5-22-052: 7; 18; 19; 32-34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(IR2000702) (SHA006501) (SHA007001) (DRRZD 21)
		TRACT TWO 5-22-052: 31 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE ROCK CREEK MBR	(DRRZD 60)
B0110	256	5-22-052: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA006501) (DRRZD 22) (DRRZD 21)
B0111	256	5-07-076: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0112	256	5-07-076: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0113	256	6-05-084: 5 PETROLEUM AND NATURAL GAS	
15	18,432.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2016 JANUARY 13 PUBLIC OFFERING NOTICE

ZD: 308-A

ZONE: 2140 VIKING FM

INTERVAL: 5580.00 - 5706.00 FEET

KEY WELL: 00/10-12-062-19W5/0

LOG TYPE: INDUCTION ELECTRIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 JANUARY 13 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

INTERVAL: 6303.00 - 6436.00 FEET
KEY WELL: 00/16-16-041-06W5/0
LOG TYPE: ELECTRICAL

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2557.00 - 2985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 6 ZONE: 2140 VIKING FM

INTERVAL: 2600.00 - 2680.00 FEET
KEY WELL: 00/10-10-042-14W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 8 ZONE: 2130 BOW ISLAND SD

INTERVAL: 2140.00 - 2472.00 FEET
KEY WELL: 00/11-31-011-10W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 12 ZONE: 1640 MEDICINE HAT SD

INTERVAL: 1312.00 - 1582.00 FEET
KEY WELL: 00/06-30-014-04W4/0
LOG TYPE: INDUCTION GAMMA RAY

DRRZD: 13 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1820.00 - 2030.00 FEET
KEY WELL: 00/10-17-014-09W4/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 18 ZONE: 7580 SLAVE POINT FM

INTERVAL: 4196.00 - 4336.00 FEET
KEY WELL: 00/02-17-088-08W5/0
LOG TYPE: GAMMA RAY-ACOUSTIC

DRRZD: 20 ZONE: 4280 SAWTOOTH FM

INTERVAL: 3109.00 - 3176.00 FEET
KEY WELL: 00/10-02-006-14W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 2754.00 - 3043.00 FEET
KEY WELL: 00/10-32-081-01W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2004.00 - 3138.00 FEET
KEY WELL: 00/11-03-078-01W6/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 28 ZONE: 6300 TURNER VALLEY FM

INTERVAL: 5817.00 - 6172.00 FEET
KEY WELL: 00/08-30-019-02W5/0
LOG TYPE: GAMMA RAY NEUTRON

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 JANUARY 13 PUBLIC OFFERING NOTICE

DRRZD: 29 ZONE: 6400 SHUNDA FM

INTERVAL: 11048.00 - 11229.00 FEET
KEY WELL: 00/07-24-041-12W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 30 ZONE: 6420 PEKISKO FM

INTERVAL: 9232.00 - 9390.00 FEET
KEY WELL: 00/07-13-033-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 6948.00 - 7042.00 FEET
KEY WELL: 00/10-07-062-19W5/0
LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 38 ZONE: 1920 DUNVEGAN FM

INTERVAL: 2566.00 - 3038.00 FEET
KEY WELL: 00/11-04-074-05W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 1688.00 - 2453.00 FEET
KEY WELL: 00/07-18-032-22W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 60 ZONE: 4320 ROCK CREEK MBR

INTERVAL: 2502.50 - 2531.50 METRES
KEY WELL: 00/10-35-049-13W5/2
LOG TYPE: DUAL LATEROLOG

DRRZD: 66 ZONE: 4440 NORDEGG MBR

INTERVAL: 5610.00 - 5670.00 FEET
KEY WELL: 00/10-12-055-09W5/0
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

DRRZD: 111 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2773.00 - 2964.00 FEET
KEY WELL: 00/15-25-080-23W5/0
LOG TYPE: ELECTRICAL

DRRZD: 255 ZONE: 6440 BANFF FM

INTERVAL: 2690.00 - 2892.00 METRES
KEY WELL: 00/01-18-066-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 277 ZONE: 6580 WABAMUN GRP

INTERVAL: 10452.00 - 11198.00 FEET
KEY WELL: 00/03-10-063-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 280 ZONE: 1060 EDMONTON GRP

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

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 JANUARY 13 PUBLIC OFFERING NOTICE

ADM001801 COLD LAKE OIL SANDS DESIGNATED AREA
LEASE A0044

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:

DONNA CRAWFORD
MANAGER
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 427-8933

CFB001601 WAINWRIGHT
LEASE A0034

ALL LAND(S) IS/ARE WITHIN CANADIAN FORCES BASE WAINWRIGHT. ALL OIL AND GAS EXPLORATION AND DEVELOPMENT ACTIVITIES WITHIN THE WAINWRIGHT MILITARY BASE CAN ONLY BE CONDUCTED FOLLOWING EXECUTION OF A SURFACE ACCESS ASSIGNMENT AGREEMENT BY THE LESSEE HOLDING THE P&NG RIGHTS.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DONNA CRAWFORD
MANAGER
ALBERTA DEPARTMENT OF ENERGY
9945 108 ST
EDMONTON AB T5K 2G6 (780) 427-8933

ES2000101 EASTERN SLOPES POLICY

	LEASE	LAND DESCRIPTION
	A0060	5-15-048: 20P; 27NP, SWP
	A0061	5-15-048: 27NP, SWP
	A0069	
	B0105	
	B0106	5-13-048: 31SP
	B0107	5-13-048: 33SWP

ALL LAND(S) 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

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 JANUARY 13 PUBLIC OFFERING NOTICE

SHA005701 SWIFT FOX RANGE

LEASE A0001
LEASE A0007
LEASE A0008
LEASE A0009
LEASE A0010
LEASE A0011
LEASE A0012
LEASE A0013

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JOEL NICHOLSON
SENIOR SPECIES AT RISK BIOLOGIST
MEDICINE HAT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
346 3 ST SE ROOM 301
MEDICINE HAT AB T1A 0G7 (403) 528-5202

SHA006501 GRIZZLY BEAR ZONE

LAND DESCRIPTION

LEASE A0051
LEASE A0054
LEASE A0055
LEASE A0056
LEASE A0057
LEASE A0058
LEASE A0059
LEASE A0060
LEASE A0061
LEASE A0076
LEASE A0077 5-18-062: 19S,NP
LEASE A0080
LEASE A0081
LEASE A0098
LICENCE B0102
LICENCE B0103
LICENCE B0104
LICENCE B0109 5-22-052: 7SP
LICENCE B0110 5-22-052: 7SP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 JANUARY 13 PUBLIC OFFERING NOTICE

SHA006701

KEY WILDLIFE AND BIODIVERSITY ZONES

		LAND DESCRIPTION	
LEASE	A0016		
LEASE	A0044		
LEASE	A0051	5-16-043:	33SP,NWP,NE; 34EP,W
		5-16-044:	3NP,SEP,SW; 4N,SE,SWP; 11WP
LEASE	A0054		
LEASE	A0055		
LEASE	A0056		
LEASE	A0057	5-13-048:	5SP,NEP
LEASE	A0058	5-15-048:	2SP,NW,NEP; 3E,WP; 10SP
LEASE	A0059	5-15-048:	3E,WP; 10SP
LEASE	A0060	5-15-048:	20P; 24NWP; 27P
LEASE	A0061	5-15-048:	24NWP; 27P
LEASE	A0064	5-08-051:	26NP,SWP
LEASE	A0069		
LEASE	A0076		
LEASE	A0078	5-18-062:	30NEP
LEASE	A0098	6-04-060:	36SP,N
LICENCE	B0102	5-15-044:	19NP,SEP; 30S,NP
		5-16-044:	22SE,NEP; 23NP,SWP; 25S,NP; 26NP,SE,SWP; 27EP; 34EP
LICENCE	B0103	5-16-044:	10SP,N; 14P; 15; 16S,NP; 21SP; 22WP; 31SP,NWP,NE; 32N,SEP,SW; 33NP,SWP
LICENCE	B0104	5-16-045:	4N,SEP,SW; 5; 6N,SE,SWP; 7; 8S,NP
LICENCE	B0105	5-13-048:	29SP,NWP
LICENCE	B0106	5-13-048:	31SP

ALL LAND(S) IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

SHA006801

COLONIAL NESTING BIRDS

		LAND DESCRIPTION	
LEASE	A0014	4-26-014:	23NEP
LEASE	A0015	4-26-014:	24NWP

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SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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

