

2016 OCTOBER 26

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2016.10.26

From	To	Total	Area
LEASES: A0161	A0265	105	27,600.0000 ha.
LICENCES: B0266	B0296	31	33,604.0000 ha.

		136	61,204.0000 ha.

PUBLIC OFFERING OF CROWN
PETROLEUM AND NATURAL GAS RIGHTS

BIDDING DEADLINE

Offers to purchase petroleum and natural gas leases and licences (including any subsequent amendments) contained in this notice will **not** be accepted after **12 noon on 2016 October 26**.

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 October 26** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

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LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0161	64	4-10-001: 7NW PETROLEUM AND NATURAL GAS	(SHA005201) (SHA005701)
A0162	64	4-10-001: 7NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(SHA005701) (DRRZD 13)
A0163	256	4-11-001: 17 PETROLEUM AND NATURAL GAS TO THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0164	256	4-11-001: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0165	256	4-11-001: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0166	256	4-11-001: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0167	256	4-12-001: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE LIVINGSTONE FM	(DRRZD 4) (DRRZD 236)
A0168	256	4-12-001: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0169	256	4-12-001: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0170	256	4-12-001: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0171	256	4-12-001: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE LIVINGSTONE FM	(DRRZD 4) (DRRZD 236)
A0172	256	4-12-001: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0173	256	4-12-001: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)

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LEASE	HECTARES	LAND DESCRIPTION	
A0174	256	4-12-001: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(DRRZD 236)
A0175	128	4-28-011: 31N PETROLEUM AND NATURAL GAS	(SHA006701)
A0176	192	4-28-012: 6N, SE PETROLEUM AND NATURAL GAS	(SHA006701)
A0177	256	4-29-012: 11 PETROLEUM AND NATURAL GAS	(SHA006701)
A0178	256	4-19-017: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0179	256	4-19-017: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0180	256	4-19-018: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 12) (DRRZD 4)
A0181	256	4-19-018: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0182	256	4-19-018: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0183	640	TRACT ONE 4-23-019: 16 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BOW ISLAND SD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 8) (DRRZD 4)
		TRACT TWO 4-23-019: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT THREE 4-23-019: 20E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD TO THE BASE OF THE PEKISKO FM	(DRRZD 8) (DRRZD 30)
A0184	256	4-24-019: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0185	64	4-29-028: 26NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0186	64	4-29-028: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE PEKISKO FM EXCEPTING NATURAL GAS IN THE ELKTON MBR	(DRRZD 6) (DRRZD 30) (ZD 200)
A0187	128	4-29-028: 36N PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0188	128	4-29-028: 36N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE PEKISKO FM EXCEPTING NATURAL GAS IN THE ELKTON MBR	(DRRZD 6) (DRRZD 30) (ZD 235-1-A)
A0189	128	4-29-029: 24N PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0190	128	4-29-029: 24N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE PEKISKO FM	(DRRZD 6) (DRRZD 30)
A0191	256	5-01-029: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE PEKISKO FM EXCEPTING NATURAL GAS IN THE ELKTON MBR	(DRRZD 6) (DRRZD 30) (ZD 235-1-A)
A0192	128	4-22-032: 10E PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0193	256	4-05-034: 18 PETROLEUM AND NATURAL GAS	
A0194	960	TRACT ONE 4-07-034: 5N,SW; 6S,NW; 7 4-08-034: 1 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2077)
		TRACT TWO 4-07-034: 6NE PETROLEUM IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(ZD 2077) (DRRZD 4)
A0195	64	4-07-034: 27SE PETROLEUM IN THE VIKING FM	(ZD 129)
A0196	256	4-08-034: 34 PETROLEUM IN THE VIKING FM	(ZD 2057)
A0197	128	4-06-035: 14N PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM	(ZD 2041)

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LEASE	HECTARES	LAND DESCRIPTION	
A0198	192	4-06-035: 18S,NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE VIKING FM	(DRRZD 6)
A0199	128	4-21-035: 18E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0200	128	4-21-035: 18W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(DRRZD 280) (ZD 225)
A0201	256	TRACT ONE 4-22-035: 4E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-22-035: 4W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 23)
A0202	256	4-24-043: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0203	256	4-22-044: 30 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 MANNVILLE GRP	(DRRZD 280) (DRRZD 39) (DRRZD 4)
A0204	256	4-27-044: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0205	512	TRACT ONE 4-26-046: 24 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-25-046: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0206	256	5-01-048: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0207	256	5-02-048: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0208	256	4-27-049: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0209	16	4-01-051: 4L2 PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0210	64	4-18-060: 23NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0211	64	4-18-060: 35SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0212	64	4-20-062: 34SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0213	256	4-13-064: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE GROSMONT FM	(ADM011601) (SHA006701) (DRRZD 6) (ZD 246)
--- NORTHERN REGION ---			
A0214	256	5-06-042: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 6) (DRRZD 90)
A0215	256	5-06-045: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0216	192	5-06-045: 33S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0217	256	5-05-046: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE JURASSIC SYSTEM EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 39) (DRRZD 90) (DRRZD 3)
A0218	128	5-05-046: 21W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0219	256	TRACT ONE 5-05-046: 28NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
		TRACT TWO 5-05-046: 28S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)

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LEASE	HECTARES	LAND DESCRIPTION	
A0220	128	5-05-046: 35W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0221	256	5-16-049: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0222	1024	5-11-051: 31; 32 5-11-052: 6; 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0223	960	TRACT ONE 5-12-051: 29; 30E 5-13-051: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 5-12-051: 19 5-13-051: 25SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0224	256	5-17-058: 8 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(SHA008201) (DRRZD 66)
A0225	128	5-22-059: 1S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(SHA006701) (SHA008201) (DRRZD 22)
A0226	128	5-22-059: 1N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
A0227	256	5-17-060: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)
A0228	512	TRACT ONE 5-16-061: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(SHA008001) (SHA008201) (DRRZD 280)
		TRACT TWO 5-15-061: 30 5-16-061: 14W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0229	256	5-05-065: 3 PETROLEUM AND NATURAL GAS	

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
A0230	1280	5-24-065: 31 5-25-065: 25; 26; 35; 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM TO THE BASE OF THE BELLOY FM	(DRRZD 37) (DRRZD 32)
A0231	768	5-23-066: 5; 6 5-24-066: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM TO THE BASE OF THE BELLOY FM	(DRRZD 37) (DRRZD 32)
A0232	256	6-06-066: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)
A0233	1280	5-24-067: 7; 8; 17; 18 5-25-067: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM TO THE BASE OF THE BELLOY FM	(IRS000201) (SHA006701) (TSH003301) (DRRZD 37) (DRRZD 32)
A0234	64	4-21-069: 14SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0235	256	5-03-069: 19 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0236	256	6-05-069: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM TO THE BASE OF THE STODDART GRP	(SHA006701) (DRRZD 264) (DRRZD 271)
A0237	64	4-23-070: 21NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0238	512	6-06-074: 29; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA007001) (DRRZD 21)
A0239	256	6-09-076: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM	(DRRZD 22) (DRRZD 251)
A0240	64	6-11-076: 23SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(SHA006701) (TSH003301) (DRRZD 247)
A0241	64	6-11-076: 26SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE CHARLIE LAKE FM	(TSH003301) (DRRZD 21) (DRRZD 247)

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LEASE	HECTARES	LAND DESCRIPTION	
A0242	256	6-08-077: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0243	256	6-09-077: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0244	256	6-09-077: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0245	128	6-10-077: 11W PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(TSH003301) (DRRZD 247)
A0246	64	6-10-077: 25SW PETROLEUM AND NATURAL GAS TO THE TOP OF THE HALFWAY FM	(DRRZD 246)
A0247	128	6-12-077: 21S PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(SHA006701) (DRRZD 246)
A0248	128	6-08-078: 22SE,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0249	128	6-08-078: 32SE,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE CHARLIE LAKE FM	(DRRZD 38) (DRRZD 247)
A0250	192	TRACT ONE 6-09-078: 19SW PETROLEUM AND NATURAL GAS TRACT TWO 6-09-078: 19NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TRACT THREE 6-09-078: 19SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE BELLOY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(TSH003301) (DRRZD 247) (DRRZD 247) (DRRZD 32) (DRRZD 271)
A0251	128	6-09-078: 32E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0252	256	6-10-078: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)

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LEASE	HECTARES	LAND DESCRIPTION	
A0253	192		
	TRACT ONE	6-10-078: 25SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT TWO	6-10-078: 26S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0254	64	6-12-078: 12SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0255	256	6-09-079: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0256	128	6-09-079: 22E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0257	256	6-10-079: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
A0258	256	6-12-079: 22 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
A0259	256	6-08-080: 36 PETROLEUM AND NATURAL GAS	
A0260	768		
	TRACT ONE	6-10-081: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-10-081: 21; 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BALDONNEL FM	(DRRZD 84)
A0261	256	6-13-081: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
A0262	256		(SHA000701) (TSH003301) (WPP000101)
		6-08-111: 36 PETROLEUM AND NATURAL GAS	
--- Foothills Region ---			
A0263	256	4-29-011: 36 PETROLEUM AND NATURAL GAS	(SHA006701)

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LEASE	HECTARES	LAND DESCRIPTION	
A0264	256	6-06-057: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM EXCEPTING NATURAL GAS IN THE CADOMIN FM EXCEPTING NATURAL GAS IN THE JURASSIC-TRIASSIC EXCEPTING NATURAL GAS IN THE RUNDLE GRP	(SHA008201) (DRRZD 40) (ZD 3018-2) (ZD 3000) (ZD 3000)
A0265	256	6-06-057: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEACE RIVER FM	(SHA008201) (DRRZD 40)
105	27,600.00	HA TOTALS	END

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LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0266	512		(SHA006701)
TRACT ONE		5-08-050: 19N PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT TWO		5-08-050: 30S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
TRACT THREE		5-08-050: 19S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR EXCEPTING NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 3) (DRRZD 60) (ZD 3006)
TRACT FOUR		5-08-050: 30NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
B0267	256		
TRACT ONE		5-09-050: 34S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
TRACT TWO		5-09-050: 34NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
B0268	256		
		5-16-050: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
B0269	512		
		5-09-051: 1; 12 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0270	1600		(SHA006701)
TRACT ONE		5-06-054: 8; 18; 29; 30 5-07-054: 24 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-06-054: 28NW PETROLEUM AND NATURAL GAS EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 4)
TRACT THREE		5-06-054: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0271	2048		(SHA008201)
TRACT ONE		5-24-057: 21; 27; 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT TWO		5-24-057: 20; 28; 29; 31 5-25-057: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP	(DRRZD 276)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0272	512	5-22-058: 22; 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)
B0273	256	5-23-058: 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)
B0274	256	5-24-058: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
B0275	512	5-21-059: 5; 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA008201) (DRRZD 21)
B0276	256	5-22-060: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	 (DRRZD 38)
B0277	768	TRACT ONE 6-03-062: 23; 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(SHA008201) (DRRZD 276)
		TRACT TWO 6-02-062: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	 (DRRZD 21)
B0278	4352	TRACT ONE 5-15-067: 32; 33 5-15-068: 4-9 5-16-068: 12; 13; 24 PETROLEUM AND NATURAL GAS	(SHA007001) (SHA008001)
		TRACT TWO 5-15-067: 31 5-15-068: 16-20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WINTERBURN GRP	 (DRRZD 80)
B0279	256	6-04-070: 3 PETROLEUM AND NATURAL GAS	(SHA006701) (SHA007001)
B0280	256	5-24-072: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	 (DRRZD 207)
B0281	768	6-07-072: 13; 14; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(TSH003301) (DRRZD 247)

2016 OCTOBER 26

LICENCE	HECTARES	LAND DESCRIPTION	
B0282	832		(TSH003301)
	TRACT ONE	6-07-073: 34 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-07-073: 16N,SE; 21S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT THREE	6-07-073: 20SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE BELLOY FM	(DRRZD 21) (DRRZD 32)
	TRACT FOUR	6-07-073: 20N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE BELLOY FM	(DRRZD 247) (DRRZD 32)
B0283	384		(TSH003301)
	TRACT ONE	6-09-078: 31NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT TWO	6-09-078: 31SW 6-10-078: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0284	2816		(WPP000901)
		6-06-079: 15; 16; 20-22; 27-29; 32-34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
B0285	2816		(WPP000901)
		6-06-079: 15; 16; 20-22; 27-29; 32-34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
B0286	1536		(SHA006701)
		6-09-085: 7; 18 6-10-085: 11-14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DEBOLT FM	(DRRZD 42)
B0287	1536		(SHA006701)
		6-09-085: 7; 18 6-10-085: 11-14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)
B0288	1536		(SHA006701)
	TRACT ONE	6-09-085: 19; 20; 28-30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DEBOLT FM	(DRRZD 42)
	TRACT TWO	6-09-085: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DEBOLT FM	(DRRZD 22) (DRRZD 42)
B0289	1536		(SHA006701)
		6-09-085: 19-21; 28-30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DEBOLT FM	(DRRZD 42)

2016 OCTOBER 26

LICENCE	HECTARES	LAND DESCRIPTION	
B0290	1536		(SHA006701)
	TRACT ONE	6-10-086: 19; 20; 28-30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DEBOLT FM	(DRRZD 42)
	TRACT TWO	6-10-086: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE DEBOLT FM	(DRRZD 21) (DRRZD 42)
B0291	768		(SHA007001)
		6-09-087: 9; 10; 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
B0292	512		(SHA007001)
		6-09-087: 28; 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
B0293	644		
	TRACT ONE	6-10-087: 14; 15S,NE; 22SE,NW,L15NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE SHUNDA FM	(DRRZD 217)
	TRACT TWO	6-10-087: 15NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE SHUNDA FM	(DRRZD 247) (DRRZD 217)
B0294	1280		
		6-10-087: 16; 17; 20; 21; 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SHUNDA FM	(DRRZD 217)
B0295	512		
		6-10-087: 18 6-11-087: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SHUNDA FM	(DRRZD 217)
B0296	1984		(ADM011501)
	TRACT ONE	5-12-089: 5; 6E; 8; 17; 18 5-13-088: 36W 5-13-089: 1N,SW; 11E; 12 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-12-089: 6SW 5-13-089: 1SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(DRRZD 18)
31	33,604.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

ZD: 129 ZONE: 2140 VIKING FM

INTERVAL: 2668.00 - 2718.00 FEET
KEY WELL: 00/10-29-034-06W4/0
LOG TYPE: NOT IDENTIFIED

ZD: 200 ZONE: 6380 ELKTON MBR

INTERVAL: 8130.00 - 8260.00 FEET
KEY WELL: 00/11-24-028-02W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 225 ZONE: 3000 GLAUCONITIC SS

INTERVAL: 4878.00 - 4972.00 FEET
KEY WELL: 00/10-12-035-22W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 235-1-A ZONE: 6380 ELKTON MBR

INTERVAL: 7240.00 - 7322.00 FEET
KEY WELL: 00/03-14-029-29W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 246 ZONE: 2140 VIKING FM

INTERVAL: 990.00 - 1082.00 FEET
KEY WELL: 00/10-03-065-13W4/0
LOG TYPE: INDUCTION ELECTRIC

ZONE: 2480 MANNVILLE GRP

INTERVAL: 1150.00 - 1620.00 FEET
KEY WELL: 00/10-03-065-13W4/0
LOG TYPE: INDUCTION ELECTRIC

ZONE: 7160 GROSMONT FM

INTERVAL: 1708.00 - 1990.00 FEET
KEY WELL: 00/11-13-064-14W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 2041 ZONE: 2140 VIKING FM

INTERVAL: 2761.00 - 2806.00 FEET
KEY WELL: 00/11-09-034-07W4/0
LOG TYPE: ELECTRICAL

ZD: 2057 ZONE: 2140 VIKING FM

INTERVAL: 2780.00 - 2855.00 FEET
KEY WELL: 00/07-34-034-08W4/0
LOG TYPE: ELECTRICAL

ZD: 2077 ZONE: 2140 VIKING FM

INTERVAL: 2835.00 - 2910.00 FEET
KEY WELL: 00/10-21-034-08W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 3000 ZONE: 4010 JURASSIC-TRIASSIC

INTERVAL: 6518.00 - 8836.00 FEET
KEY WELL: 00/11-26-057-06W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

ZONE: 6100 RUNDLE GRP

INTERVAL: 8836.00 - 9530.00 FEET
KEY WELL: 00/11-26-057-06W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

ZONE DESIGNATIONS APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

ZD: 3006

ZONE: 2480 MANNVILLE GRP

INTERVAL: 5726.00 - 6276.00 FEET

KEY WELL: 02/06-29-050-08W5/0

LOG TYPE: INDUCTION ELECTRICAL

ZD: 3018-2

ZONE: 3480 CADOMIN FM

INTERVAL: 6284.00 - 6356.00 FEET

KEY WELL: 00/11-26-057-06W6/0

LOG TYPE: BOREHOLE COMPENSATED SONIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 OCTOBER 26 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: 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: 23 ZONE: 6960 NISKU FM

INTERVAL: 5023.00 - 5190.00 FEET
KEY WELL: 00/06-24-050-26W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

DRRZD: 32 ZONE: 5560 BELLOY FM

INTERVAL: 2883.00 - 3105.00 FEET
KEY WELL: 00/10-24-078-19W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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: 40 ZONE: 2280 PEACE RIVER FM

INTERVAL: 3760.00 - 4008.00 FEET
KEY WELL: 00/07-09-076-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 42 ZONE: 6120 DEBOLT FM

INTERVAL: 4444.00 - 5294.00 FEET
KEY WELL: 00/10-11-080-03W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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: 80 ZONE: 6700 WINTERBURN GRP

INTERVAL: 8452.00 - 8914.00 FEET
KEY WELL: 00/10-07-060-17W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 84 ZONE: 5060 BALDONNEL FM

INTERVAL: 5728.00 - 5764.00 FEET
KEY WELL: 00/11-21-077-10W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 90 ZONE: 4000 JURASSIC SYSTEM

INTERVAL: 7052.00 - 7148.00 FEET
KEY WELL: 00/06-29-039-03W5/0
LOG TYPE: INDUCTION ELECTROLOG

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

DRRZD: 207 ZONE: 4440 NORDEGG MBR

INTERVAL: 2038.00 - 2063.00 METRES
KEY WELL: 00/11-06-066-24W5/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 217 ZONE: 6400 SHUNDA FM

INTERVAL: 1626.70 - 1745.80 METRES
KEY WELL: 02/06-22-080-03W6/0
LOG TYPE: DUAL INDUCTION FOCUSED LOG GAMMA RAY

DRRZD: 236 ZONE: 6280 LIVINGSTONE FM

INTERVAL: 971.00 - 1108.00 METRES
KEY WELL: 00/08-20-014-15W4/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 246 ZONE: 5160 HALFWAY FM

INTERVAL: 6344.00 - 6402.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 247 ZONE: 5080 CHARLIE LAKE FM

INTERVAL: 2372.00 - 2448.50 METRES
KEY WELL: 00/10-19-068-06W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 251 ZONE: 5200 DOIG FM

INTERVAL: 1770.00 - 1853.00 METRES
KEY WELL: 00/03-22-078-10W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 264 ZONE: 5240 MONTNEY FM

INTERVAL: 2229.00 - 2491.50 METRES
KEY WELL: 00/06-32-076-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 271 ZONE: 6040 STODDART GRP

INTERVAL: 7170.00 - 8095.00 FEET
KEY WELL: 00/07-17-078-10W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 276 ZONE: 4140 FERNIE GRP

INTERVAL: 2048.00 - 2151.00 METRES
KEY WELL: 00/13-01-074-11W6/0
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 OCTOBER 26 PUBLIC OFFERING NOTICE

ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2
LICENCE B0296

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

ADM011601 ATHABASCA OIL SANDS DESIGNATED AREA
LEASE A0213

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

IRS000201 STURGEON LAKE-PUSKWASKAU EAST

LAND DESCRIPTION
LEASE A0233 5-24-067: 7
5-25-067: 13S,NW

ALL LAND(S) IS/ARE WITHIN THE STURGEON LAKE-PUSKWASKAU EAST INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

SHA000701 HAY-ZAMA LAKE COMPLEX

LAND DESCRIPTION
LEASE A0262 6-08-111: 36NP,SEP

ALL LAND(S) IS/ARE WITHIN THE HAY-ZAMA LAKE COMPLEX.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

RON MILLSON
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

SHA005201 MILK RIVER VALLEY - WEST

LEASE A0161

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

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

TERRY HOOD
RANGELAND AGROLOGIST
MEDICINE HAT CENTRAL OFFICE - RANGELAND DISTRICT DEPT. OF SUSTAINABLE
RESOURCE DEV
346 3 ST SE FLOOR 1
MEDICINE HAT AB T1A 0G7 (403) 529-3677

SHA005701 SWIFT FOX RANGE

LEASE A0161
LEASE A0162

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

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

SHA006701		KEY WILDLIFE AND BIODIVERSITY ZONES	
		LAND DESCRIPTION	
LEASE	A0175		
LEASE	A0176	4-28-012:	6NP,SEP
LEASE	A0177		
LEASE	A0211	4-18-060:	35SEP
LEASE	A0213		
LEASE	A0225	5-22-059:	1SP
LEASE	A0227		
LEASE	A0233	5-24-067:	7SP,NWP; 8SWP; 18SWP
		5-25-067:	13SEP
		5-25-067:	13W,NEP
LEASE	A0236	6-05-069:	27EP
LEASE	A0240	6-11-076:	23SWP
LEASE	A0247	6-12-077:	21SP
LEASE	A0263		
LICENCE	B0266	5-08-050:	19SEP
LICENCE	B0270	5-06-054:	30P
		5-07-054:	24P
LICENCE	B0272		
LICENCE	B0273	5-23-058:	34SP,NEP
LICENCE	B0275	5-21-059:	6SWP
LICENCE	B0279	6-04-070:	3SP,NEP
LICENCE	B0286	6-09-085:	18NP
		6-10-085:	13NP; 14NP
LICENCE	B0287	6-09-085:	18NP
		6-10-085:	13NP; 14NP
LICENCE	B0288	6-09-085:	19SEP
		6-09-085:	19N,SW; 20SP
		6-09-085:	20NW,NEP; 21NWP; 28SP
		6-09-085:	28NW,NEP
		6-09-085:	29; 30
LICENCE	B0289	6-09-085:	19SEP
		6-09-085:	19N,SW; 20SP
		6-09-085:	20NW,NEP; 21NWP; 28SP
		6-09-085:	28NW,NEP
		6-09-085:	29; 30
LICENCE	B0290	6-10-086:	19SP
		6-10-086:	19N; 20SE,SWP
		6-10-086:	20N; 21; 28-30

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK

PROVINCIAL WILDLIFE HABITAT SPECIALIST

EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV

9920 108 ST NW FLOOR 2

EDMONTON AB T5K 2M4

(780) 422-3344

ADDENDA AND CONTACTS APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

SHA007001 SPECIAL ACCESS ZONE

		LAND DESCRIPTION	
LEASE	A0238	6-06-074:	29NP
		6-06-074:	32
LICENCE	B0278	5-15-067:	31; 32; 33SP
		5-15-067:	33NW,NEP
		5-15-068:	4-9; 16-20
		5-16-068:	12; 13; 24
LICENCE	B0279	6-04-070:	3SP
		6-04-070:	3NW,NEP
LICENCE	B0291	6-09-087:	15NP
LICENCE	B0292		

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA008001 SWAN HILLS GRIZZLY BEAR ZONE

		LAND DESCRIPTION	
LEASE	A0228	5-15-061:	30
LICENCE	B0278		

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

SHA008201 GRANDE CACHE GRIZZLY BEAR ZONE

		LAND DESCRIPTION	
LEASE	A0224		
LEASE	A0225		
LEASE	A0226	5-22-059:	1NP
LEASE	A0227		
LEASE	A0228	5-16-061:	14
LEASE	A0264		
LEASE	A0265		
LICENCE	B0271		
LICENCE	B0272		
LICENCE	B0273		
LICENCE	B0274		
LICENCE	B0275		
LICENCE	B0277	6-02-062:	30P
		6-03-062:	23; 24P

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
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ADDENDA AND CONTACTS APPLICABLE TO THE 2016 OCTOBER 26 PUBLIC OFFERING NOTICE

TSH003301	TRUMPETER SWAN HABITAT		
	LAND DESCRIPTION		
LEASE	A0233	5-24-067:	17NP
LEASE	A0240	6-11-076:	23SWP
LEASE	A0241	6-11-076:	26SEP
LEASE	A0245	6-10-077:	11NWP
LEASE	A0250	6-09-078:	19SEP
LEASE	A0262	6-08-111:	36SP,NWP
		6-08-111:	36NE
LICENCE	B0281		
LICENCE	B0282	6-07-073:	34SEP
		6-07-073:	34N,SW
LICENCE	B0283	6-09-078:	31WP
		6-10-078:	36S,NW,NEP

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT. Specific area biologist contact information can be found at www.esrd.alberta.ca and then searching for 'Wildlife Management Area Contacts'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GLENN MACK
PROVINCIAL WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 422-3344

WPP000101	HAY - ZAMA LAKES		
	LAND DESCRIPTION		
LEASE	A0262	6-08-111:	36NP

ALL LAND(S) 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

WPP000901	DUNVEGAN WEST		
	LAND DESCRIPTION		
LICENCE	B0284	6-06-079:	34SE,SWP
LICENCE	B0285	6-06-079:	34SE,SWP

ALL LAND(S) 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
PROVINCIAL BUILDING FLOOR 2
9503 BEAVERHILL ROAD
PO BOX 1019
LAC LA BICHE AB T0A 2C0 (780) 644-5357

END