

2018 MAY 30

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2018.05.30

From	To	Total	Area
LEASES: A0219	A0278	60	13,179.8400 ha.
LICENCES: B0279	B0291	13	51,712.0000 ha.

		73	64,891.8400 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 2018 May 30**.

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 **2018 May 30** 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.

2018 MAY 30

LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0219	256	4-25-007: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0220	192	4-09-022: 22N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(HRV003701) (DRRZD 12)
A0221	256	4-15-029: 20 PETROLEUM AND NATURAL GAS	
A0222	256	4-16-029: 13 PETROLEUM AND NATURAL GAS	(SHA007201)
A0223	32	4-24-031: 31L12,L13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0224	101.2	4-26-031: 25P PORTION(S) DESIGNATED AS LAKE NO. 2 ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1889/05/06. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0225	64	4-08-035: 22NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0226	64.25	5-01-037: 23NWP,NE THE MOST EASTERLY TEN AND ONE HALF (10 1/2) FEET IN UNIFORM WIDTH EXTENDING THROUGHOUT THE ENTIRE EASTERLY SIDE OF THE NORTHWEST QUARTER. PETROLEUM	
A0227	128	5-01-037: 34W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0228	82.31	4-28-038: 7SEP,SWFP,NWFP,NEP PORTION(S) DESIGNATED AS SWAN LAKE ON A TOWNSHIP PLAN APPROVED AND CONFIRMED BY THE SURVEYOR GENERAL AT OTTAWA ON 1889/12/10. PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0229	228.08	4-28-038: 18E,WF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 280) (DRRZD 4)
A0230	256	4-05-039: 9 PETROLEUM AND NATURAL GAS	
A0231	256	4-05-039: 10 PETROLEUM AND NATURAL GAS	(SHA007201)

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LEASE	HECTARES	LAND DESCRIPTION	
A0232	256	4-05-039: 15 PETROLEUM AND NATURAL GAS	
A0233	128	4-23-039: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(PFC000201) (DRRZD 39) (DRRZD 4)
A0234	128	4-23-039: 14W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(PFC000201) (DRRZD 39) (DRRZD 4)
A0235	64	5-01-039: 2SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0236	192	TRACT ONE 5-03-039: 34SE,NW PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 5-03-039: 34NE PETROLEUM AND NATURAL GAS TO THE TOP OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 4) (DRRZD 6)
A0237	128	5-04-040: 2S PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0238	64	5-04-040: 3NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM	(DRRZD 3) (DRRZD 6)
A0239	256	5-04-040: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0240	512	TRACT ONE 5-01-042: 28; 30S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 5-01-042: 30NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LEDUC FM	(DRRZD 65)
A0241	256	4-20-043: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0242	256	5-03-046: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0243	256	5-03-046: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0244	256	4-26-052: 30 PETROLEUM AND NATURAL GAS	
A0245	256	4-27-052: 22 PETROLEUM AND NATURAL GAS	
A0246	256	4-27-052: 26 PETROLEUM AND NATURAL GAS	
A0247	256	4-05-053: 18 PETROLEUM AND NATURAL GAS	(ADM001801)
A0248	256	4-17-053: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0249	256	4-17-054: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0250	256	TRACT ONE 4-18-054: 32NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-18-054: 32S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0251	1792	4-17-061: 5; 9; 16; 18-21 PETROLEUM AND NATURAL GAS	
--- NORTHERN REGION ---			
A0252	256	5-05-040: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM	(DRRZD 3) (DRRZD 6)
A0253	256	TRACT ONE 5-06-040: 32N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE VIKING FM	(DRRZD 3) (DRRZD 6)
		TRACT TWO 5-06-040: 32SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE VIKING FM	(DRRZD 13) (DRRZD 6)
A0254	192	5-07-041: 11S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS TO THE BASE OF THE PEKISKO FM	(DRRZD 13) (DRRZD 30)

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LEASE	HECTARES	LAND DESCRIPTION	
A0255	64	5-06-050: 8NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(PRP009301) (SHA006701) (DRRZD 4)
A0256	128	5-06-050: 10S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0257	256	5-06-051: 26 PETROLEUM AND NATURAL GAS	
A0258	192	5-08-052: 11N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0259	128	5-15-058: 10E PETROLEUM AND NATURAL GAS TO THE BASE OF THE SHUNDA FM	(DRRZD 29)
A0260	128	5-15-058: 33W PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0261	256	5-17-064: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE TRIASSIC SYSTEM	(DRRZD 22) (DRRZD 37)
A0262	128	5-18-064: 9N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
A0263	128	5-19-064: 23E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0264	448	5-17-065: 18N,SE; 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(SHA007001) (DRRZD 37)
A0265	256	6-09-065: 9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
A0266	64	6-05-067: 17SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0267	256	5-19-069: 27 PETROLEUM AND NATURAL GAS	
A0268	128	5-19-069: 32N PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0269	256	5-19-069: 33 PETROLEUM AND NATURAL GAS	(SHA007001)
A0270	256	5-19-069: 34 PETROLEUM AND NATURAL GAS	(SHA007001)
A0271	256	5-19-070: 4 PETROLEUM AND NATURAL GAS	(SHA007001)
A0272	128	5-19-070: 5S PETROLEUM AND NATURAL GAS	(SHA007001)
A0273	128	5-19-070: 5N PETROLEUM AND NATURAL GAS	(SHA007001)
A0274	64	5-19-070: 6SE PETROLEUM AND NATURAL GAS	
A0275	128	5-19-070: 6N PETROLEUM AND NATURAL GAS	
A0276	64	5-23-076: 25SE PETROLEUM AND NATURAL GAS	(SHA006701)
A0277	128	6-07-115: 4W PETROLEUM AND NATURAL GAS	
--- FOOTHILLS REGION ---			
A0278	256	5-15-042: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (SHA007901) (DRRZD 21)
60	13,179.84	HA TOTALS	END

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LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0279	8192		(IRZ003601) (PPP001601) (PRA020101) (PRP009301) (SHA006701) (SMP001801)
TRACT ONE		5-05-050: 15; 16 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-07-049: 24S, L10, L11, L14, L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE CARDIUM FM	(DRRZD 280) (DRRZD 3)
TRACT THREE		5-05-050: 17 5-06-049: 19; 28; 30; 32; 33S, NW 5-07-049: 10; 15; 24L9, L12, L13, L16; 26N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT FOUR		5-06-049: 33NE 5-06-050: 11N; 14S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING PETROLEUM AND NATURAL GAS IN THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
TRACT FIVE		5-05-050: 18 5-06-049: 27; 29; 31; 34S, NE 5-06-050: 3SE; 6; 9; 11S; 13; 14N 5-07-049: 13; 25; 26S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT SIX		5-07-049: 2; 11; 14; 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
TRACT SEVEN		5-06-049: 34NW 5-06-050: 3N, SW; 4; 5 5-07-049: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0280	8192		(HRV003701) (NAT004401) (PRP009301) (SHA006701)
TRACT ONE		5-05-050: 20; 22; 27; 29-32 5-06-050: 32; 34-36 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-06-050: 20; 26; 27; 29; 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-05-050: 19; 21; 28; 33; 34 5-06-050: 17-19; 21SW; 22E; 23-25; 30; 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT FOUR		5-06-050: 22W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE NISKU FM	(DRRZD 4) (DRRZD 79)
TRACT FIVE		5-06-050: 21N,SE; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
B0281	7680		(PRP009301) (SHA006701)
TRACT ONE		5-07-050: 25; 34 5-07-051: 9; 10 PETROLEUM AND NATURAL GAS	
TRACT TWO		5-07-050: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
TRACT THREE		5-07-050: 23SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(DRRZD 3) (ZD 115)
TRACT FOUR		5-07-050: 9N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP	(DRRZD 3) (ZD 175)
TRACT FIVE		5-07-050: 14W; 15S,NE; 16S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM EXCEPTING NATURAL GAS IN THE BLAIRMORE GRP	(DRRZD 3) (ZD 144)
TRACT SIX		5-06-050: 7 5-07-050: 9S; 13; 14E; 15NW; 16N; 21; 22; 23N,SE; 24; 26-29; 31-33; 36 5-07-051: 3; 5-8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
TRACT SEVEN		5-07-050: 35NW 5-07-051: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE JURASSIC SYSTEM	(DRRZD 90)
TRACT EIGHT		5-07-050: 35S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0282	8192		(SHA006701)
	TRACT ONE	5-07-053: 5; 7; 8; 17; 18 5-08-053: 1; 2; 12; 13 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-08-053: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT THREE	5-08-052: 1; 2; 12-14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
	TRACT FOUR	5-08-052: 23-26; 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT FIVE	5-07-052: 7; 8; 29; 31; 32 5-07-053: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT SIX	5-07-052: 17-20; 30 5-08-052: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 57)
B0283	512		
	TRACT ONE	5-09-053: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	5-09-053: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0284	256	5-22-065: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0285	8192		(SHA007001)
	TRACT ONE	5-22-071: 19; 20; 28-33 5-22-072: 4-9; 16-21; 28-33 5-22-073: 4-6; 9 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-22-073: 7; 8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0286	8192	5-21-072: 16; 19-21; 30 5-22-071: 34-36 5-22-072: 1-3; 10-15; 22-27; 34-36 5-22-073: 1-3; 10-12 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0287	768		(TSH003401) (TSH003501)
TRACT ONE		6-11-071: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE HALFWAY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM TO THE BASE OF THE MONTNEY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE STODDART GRP	(DRRZD 22) (DRRZD 246) (DRRZD 251) (DRRZD 264) (DRRZD 271)
TRACT TWO		6-11-071: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
TRACT THREE		6-11-071: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM TO THE BASE OF THE MONTNEY FM	(DRRZD 251) (DRRZD 264)

B0288	512	6-11-073: 27; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)

B0289	512		(SHA006701) (TSH003401) (TSH003501)
TRACT ONE		6-13-074: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25)
TRACT TWO		6-13-073: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

B0290	256	6-10-082: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BALDONNEL FM	(DRRZD 84)

B0291	256	6-11-082: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (DRRZD 21)

13	51,712.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2018 MAY 30 PUBLIC OFFERING NOTICE

ZD: 115 ZONE: 3000 GLAUCONITIC SS
INTERVAL: 5745.00 - 5822.00 FEET
KEY WELL: 00/10-33-050-07W5/0
LOG TYPE: NOT IDENTIFIED

ZD: 144 ZONE: 2440 BLAIRMORE GRP
INTERVAL: 5575.00 - 6193.00 FEET
KEY WELL: 00/06-05-051-07W5/0
LOG TYPE: NOT IDENTIFIED

ZD: 175 ZONE: 2440 BLAIRMORE GRP
INTERVAL: 4960.00 - 5577.00 FEET
KEY WELL: 00/06-16-050-06W5/0
LOG TYPE: INDUCTION ELECTRICAL

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 MAY 30 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: 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: 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: 25 ZONE: 1900 DOE CREEK MBR

INTERVAL: 2330.00 - 2393.00 FEET
KEY WELL: 00/07-04-075-10W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS
APPLICABLE TO THE 2018 MAY 30 PUBLIC OFFERING NOTICE

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: 57 ZONE: 6440 BANFF FM

INTERVAL: 4247.00 - 4776.00 FEET
KEY WELL: 00/02-24-056-05W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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: 65 ZONE: 7200 LEDUC FM

INTERVAL: 3167.00 - 4322.00 FEET
KEY WELL: 00/07-17-056-21W4/0
LOG TYPE: FORMATION DENSITY

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: 79 ZONE: 6960 NISKU FM

INTERVAL: 8324.00 - 8730.00 FEET
KEY WELL: 00/06-25-050-10W5/0
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

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: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 MAY 30 PUBLIC OFFERING NOTICE

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: 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 2018 MAY 30 PUBLIC OFFERING NOTICE

ADM001801 COLD LAKE OIL SANDS DESIGNATED AREA

LEASE A0247

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

HRV003701 HISTORIC RESOURCES VALUE 3

LAND DESCRIPTION

LEASE A0220 4-09-022: 22L1
LICENCE B0280 5-05-050: 20

ALL LAND(S) IS/ARE WITHIN A HERITAGE RESOURCES MANAGEMENT AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

GEORGE CHALUT
LAND USE PLANNER
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) 431-2329

IRZ003601 ROCKY-NORTH SASKATCHEWAN ZONE 3

LAND DESCRIPTION

LICENCE B0279 5-07-049: 2E,WP; 10EP; 11SW,NWP,NE

ALL LAND(S) IS/ARE WITHIN ZONE 3 (SPECIAL USE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
ROCKY MOUNTAIN HOUSE OFFICE
ROCKY MOUNTAIN HOUSE REGIONAL OFFICE - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
COURIER BOX 21
PO BOX 1720
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8272

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 MAY 30 PUBLIC OFFERING NOTICE

PRP009301

EAGLE POINT

LAND DESCRIPTION
LEASE A0255 5-06-050: 8NWP
LICENCE B0279 5-06-049: 19SP,NW,NEP; 30SP,NWP; 31NP,SWP
5-06-050: 5WP; 6SP,NEP; 9NWP,NE
5-07-049: 10EP; 11SP,NW,NEP; 13SP,NE; 14P; 23NP,SEP; 24SP,N;
25NE
LICENCE B0280 5-06-050: 21SEP
LICENCE B0281 5-06-050: 7SEP

ALL LAND(S) IS/ARE WITHIN A PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS DIVISION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

SHA006701

KEY WILDLIFE AND BIODIVERSITY ZONES

LAND DESCRIPTION
LEASE A0255 5-06-050: 8NWP
LEASE A0256 5-06-050: 10SP
LEASE A0276
LEASE A0278 5-15-042: 36NWP
LICENCE B0279 5-05-050: 15S,NW,NEP; 16; 17NP,SE,SWP; 18SP,NWP
5-06-049: 19EP,W; 30EP,W; 31N,SEP,SW; 32WP
5-06-050: 4NWP; 5SP,NW,NEP; 6; 9SP,N; 11SP,N; 13NP,SE,SWP;
14P
5-07-049: 13NP,SWP; 14P; 23E,WP; 24; 25E,WP; 26SP
LICENCE B0280 5-05-050: 20SEP; 21SP; 22SP
5-06-050: 17SP,NEP; 21NP,SE,SWP; 22NP,SEP,SW; 23SWP; 28SEP
LICENCE B0281 5-06-050: 7S,NP
LICENCE B0282 5-07-052: 7P; 8NP,SWP; 17NP,SWP; 18P; 19EP; 20P; 29P; 30P;
31P; 32WP
5-07-053: 5SWP; 6SP
5-08-052: 1P; 2SP; 12SP
LICENCE B0289 6-13-073: 33WP
LICENCE B0291 6-11-082: 21SP,N

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

SHA007001 SPECIAL ACCESS ZONE

		LAND DESCRIPTION
LEASE	A0264	5-17-065: 19P
LEASE	A0269	5-19-069: 33NP
LEASE	A0270	5-19-069: 34SP,NWP,NE
LEASE	A0271	5-19-070: 4N,SE,SWP
LEASE	A0272	5-19-070: 5SEP
LEASE	A0273	5-19-070: 5NEP
LICENCE	B0285	5-22-072: 31P; 32NWP
		5-22-073: 5WP; 6; 7; 8WP

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

SHA007201 PIPING PLOVER

		LAND DESCRIPTION
LEASE	A0222	4-16-029: 13WP
LEASE	A0231	4-05-039: 10SEP

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

SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE

LEASE	A0278	
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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	A0265	6-09-065: 9P

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 2018 MAY 30 PUBLIC OFFERING NOTICE

SMP001801 SAND AND GRAVEL REMOVAL AREA

LAND DESCRIPTION

LICENCE B0279 5-07-049: 13NW; 14L2N, L6SESE, L6SENE, L7, L8N, L8SW, L9, L10SE,
L10SWE, L10SWSW, L10NWSE, L10NWNE, L10NE, L15E, L16;
23L1S, L1NWSE, L1NWSW, L1NESE, L1NESW, L2SESE, L2SENE;
24SP

ALL LAND(S) IS/ARE WITHIN AN AREA OF SURFACE MATERIALS POTENTIAL.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRUCE BLUE
AGGREGATES ADMINISTRATOR
TRANSPORTATION
PROPERTY DEVELOPMENT
6950 113 ST NW FLOOR 3
EDMONTON AB T6H 5V7 (780) 415-1389

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

LAND DESCRIPTION

LICENCE B0287 6-11-071: 32P
LICENCE B0289 6-13-073: 33P
6-13-074: 10P

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

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

TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER

LAND DESCRIPTION

LICENCE B0287 6-11-071: 32P
LICENCE B0289 6-13-073: 33P
6-13-074: 10P

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 500 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 500 METRES OF THE BED AND SHORE ON IDENTIFIED WATERBODIES AND/OR WATERCOURSES.

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

END