

2018 JANUARY 24

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2018.01.24

	From	To	Total	Area
LEASES:	A0128	A0194	67	13,670.5800 ha.
LICENCES:	B0195	B0208	14	9,600.0000 ha.

			81	23,270.5800 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 January 24**.

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 January 24** 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 ---		
A0128	256	4-22-015: 12 PETROLEUM AND NATURAL GAS
A0129	256	4-06-021: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE (DRRZD 273)
A0130	256	4-06-022: 2 PETROLEUM AND NATURAL GAS
A0131	256	4-06-022: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD (DRRZD 12)
A0132	256	4-09-026: 27 PETROLEUM AND NATURAL GAS
A0133	64	4-10-027: 34NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE BASAL COLORADO SD (DRRZD 48)
A0134	128	4-15-028: 2N PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)
A0135	64	4-15-028: 11NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)
A0136	256	4-16-030: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0137	256	5-01-031: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0138	256	5-01-031: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) TO THE TOP OF THE WABAMUN GRP (DRRZD 277)
A0139	256	5-02-033: 32 PETROLEUM AND NATURAL GAS
A0140	256	4-28-036: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0141	256		
	TRACT ONE	4-28-036: 11W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	4-28-036: 11NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT THREE	4-28-036: 11SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0142	256		
	TRACT ONE	4-28-036: 14E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	4-28-036: 14W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0143	128	4-28-036: 16E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0144	256	4-28-036: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0145	128	4-28-036: 29N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0146	192	5-01-036: 11S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0147	256		
	TRACT ONE	5-01-036: 14SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
	TRACT TWO	5-01-036: 14N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0148	64	5-01-036: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0149	230.58	4-28-037: 18E,WF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0150	256		
	TRACT ONE	5-01-037: 2NE PETROLEUM AND NATURAL GAS IN THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 6) (DRRZD 30)
	TRACT TWO	5-01-037: 2S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0151	256	4-01-039: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0152	256		
	TRACT ONE	4-12-040: 29S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
	TRACT TWO	4-12-040: 29L12-L14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE VIKING FM	(DRRZD 39) (DRRZD 6)
	TRACT THREE	4-12-040: 29L11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE TOP OF THE VIKING FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 6) (DRRZD 4)
	TRACT FOUR	4-12-040: 29L10,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT FIVE	4-12-040: 29L9,L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0153	256	4-26-040: 20 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0154	256		
	TRACT ONE	4-06-044: 36S,L9-L11,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
	TRACT TWO	4-06-044: 36L12-L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0155	64	4-19-058: 15NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0156	64	5-01-062: 3SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION
--- NORTHERN REGION ---		
A0157	128	5-07-042: 34S PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM (DRRZD 3)
A0158	128	5-07-042: 34N PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0159	128	5-07-042: 34N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39) TO THE BASE OF THE CARDIUM FM (DRRZD 3)
A0160	128	(IRZ003501) 5-07-043: 4E PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0161	128	(IRZ003501) 5-07-043: 4E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39) TO THE BASE OF THE CARDIUM FM (DRRZD 3)
A0162	64	(SHA007901) 5-14-047: 4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP (DRRZD 39)
A0163	256	(SHA006701) (SHA007901) 5-13-048: 18 PETROLEUM AND NATURAL GAS
A0164	256	(IRZ004401) (SHA006701) (SHA007901) (ESZ000101) 5-14-048: 12 PETROLEUM AND NATURAL GAS
A0165	256	5-10-051: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0166	256	5-10-051: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0167	256	5-11-051: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3) TO THE BASE OF THE MANNVILLE GRP (DRRZD 4) EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK (ZD 3092-1)
A0168	256	(SHA007001) (WRA000201) 5-11-058: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR (DRRZD 66)

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
A0169	256	5-17-059: 5 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA008201) (DRRZD 21)
A0170	256	5-16-061: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(SHA008001) (SHA008201) (DRRZD 21)
A0171	256	6-04-061: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA008201) (DRRZD 264)
A0172	256	6-04-061: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA008201) (DRRZD 264)
A0173	256	6-04-061: 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA008201) (DRRZD 264)
A0174	256	5-17-062: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA008001) (DRRZD 21)
A0175	256	6-03-062: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA008201) (ESZ000101) (DRRZD 264)
A0176	256	6-03-062: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA008201) (ESZ000101) (DRRZD 264)
A0177	256	6-03-062: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA008201) (ESZ000101) (DRRZD 264)
A0178	256	6-03-062: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA008201) (ESZ000101) (ESZ000301) (DRRZD 264)
A0179	256	6-04-062: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (SHA008201) (DRRZD 264)
A0180	256	5-20-064: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA006701) (DRRZD 21)

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LEASE	HECTARES	LAND DESCRIPTION	
A0181	256	6-06-064: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(SHA006701) (SHA008201) (DRRZD 38)
A0182	256	5-08-065: 9 PETROLEUM AND NATURAL GAS	(SHA008001)
A0183	256	5-08-065: 10 PETROLEUM AND NATURAL GAS	(SHA008001)
A0184	256	5-09-065: 17 PETROLEUM AND NATURAL GAS	(SHA008001)
A0185	128	5-09-065: 25S PETROLEUM AND NATURAL GAS	(SHA008001)
A0186	256	5-09-065: 26 PETROLEUM AND NATURAL GAS	(SHA008001)
A0187	64	5-22-065: 29NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0188	64	5-10-066: 12NE PETROLEUM AND NATURAL GAS	(SHA008001)
A0189	256	6-10-074: 36 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
A0190	64	5-09-077: 21NE PETROLEUM AND NATURAL GAS	
A0191	64	5-22-078: 12NW PETROLEUM AND NATURAL GAS	(ADM001901)
A0192	64	5-23-078: 29SW PETROLEUM AND NATURAL GAS	(ADM001901)
A0193	128	6-07-078: 1N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)

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LEASE	HECTARES	LAND DESCRIPTION	
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--- Foothills Region ---			
A0194	256		(HRV002501) (HRV003201) (IRZ000701) (IRZ000801) (SHA002201) (SHA006701) (SHA006901) (SHA008501) (WPP005401)
		5-01-004: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE RUNDLE GRP EXCEPTING NATURAL GAS IN THE RUNDLE GRP	(DRRZD 27) (ZD 132)

67	13,670.58	HA TOTALS	END

2018 JANUARY 24

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0195	256	5-15-046: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE NORDEGG MBR	(SHA006701) (SHA007901) (DRRZD 22) (DRRZD 66)
B0196	3328	TRACT ONE 5-10-051: 20N,SE; 21 5-11-051: 25E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
		TRACT TWO 5-10-051: 17SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
		TRACT THREE 5-10-051: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(DRRZD 6) (ZD 3092-1)
		TRACT FOUR 5-10-051: 17N,SE; 20SW; 28-30; 32; 33 5-10-052: 5S 5-11-051: 25W; 26N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT FIVE 5-11-051: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE L MANNVILLE - ROCK CREEK	(DRRZD 4) (ZD 3092-1)
		TRACT SIX 5-10-052: 5N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
		TRACT SEVEN 5-11-051: 26SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
B0197	768	TRACT ONE 5-08-055: 6; 7 PETROLEUM AND NATURAL GAS	
		TRACT TWO 5-09-055: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 4) (DRRZD 66)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0198	1152		(ESZ000101) (SHA006701) (SHA008201)
	TRACT ONE	6-06-064: 6; 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD EXCEPTING PETROLEUM AND NATURAL GAS IN THE SPIRIT RIVER FM	(DRRZD 51) (DRRZD 21) (DRRZD 22)
	TRACT TWO	6-06-063: 30E; 31 6-06-064: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE PEACE RIVER FM	(DRRZD 51) (DRRZD 40)
B0199	1024		(SHA008001)
	TRACT ONE	5-11-066: 35 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-11-066: 27; 34 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
	TRACT THREE	5-11-066: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
B0200	256		(PNA020401) (SHA006701) (SHA007001) (SIP000102)
		6-05-070: 28 PETROLEUM AND NATURAL GAS	
B0201	256		(SHA006701)
		6-02-071: 29 PETROLEUM AND NATURAL GAS	
B0202	512		(TSH003401) (TSH003501)
	TRACT ONE	6-06-071: 5 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-06-071: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
B0203	256		(TSH003401) (TSH003501)
		6-09-073: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
B0204	256		(SHA006701)
		6-02-075: 28 PETROLEUM AND NATURAL GAS	
B0205	256		(DRRZD 246)
		6-13-081: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	
B0206	512		(SHA006701)
		6-08-084: 18 6-09-084: 24 PETROLEUM AND NATURAL GAS	

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LICENCE	HECTARES	LAND DESCRIPTION	
B0207	512		(SHA006701) (SHA007001)
	TRACT ONE	6-08-084: 34S,NE 6-08-085: 3 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-08-084: 34NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOIG FM	(DRRZD 251)
B0208	256		(SHA006701)
	TRACT ONE	6-09-086: 17E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT TWO	6-09-086: 17W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
14	9,600.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2018 JANUARY 24 PUBLIC OFFERING NOTICE

ZD: 132

ZONE: 6100 RUNDLE GRP

INTERVAL: 10357.00 - 12765.00 FEET

KEY WELL: 00/07-02-004-01W5/0

LOG TYPE: NOT IDENTIFIED

ZD: 3092-1

ZONE: 3113 L MANNVILLE - ROCK CREEK

INTERVAL: 6724.00 - 6890.00 FEET

KEY WELL: 00/07-10-052-11W5/0

LOG TYPE: BOREHOLE COMPENSATED SONIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 JANUARY 24 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: 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: 27 ZONE: 6100 RUNDLE GRP

INTERVAL: 9040.00 - 9990.00 FEET
KEY WELL: 00/05-25-029-09W5/0
LOG TYPE: GAMMA RAY NEUTRON

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: 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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 JANUARY 24 PUBLIC OFFERING NOTICE

DRRZD: 48 ZONE: 2420 BASAL COLORADO SD

INTERVAL: 3004.00 - 3024.00 FEET
KEY WELL: 00/06-27-025-12W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 51 ZONE: 1700 CARDIUM FM

INTERVAL: 2350.40 - 2415.70 METRES
KEY WELL: 00/07-36-058-03W6/0
LOG TYPE: DUAL INDUCTION SFL

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: 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: 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: 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: 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: 273 ZONE: 2030 FISH SCALE-WESTGATE

INTERVAL: 794.00 - 841.00 METRES
KEY WELL: 02/06-13-011-20W4/0
LOG TYPE: INDUCTION ELECTRIC

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

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2018 JANUARY 24 PUBLIC OFFERING NOTICE

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 JANUARY 24 PUBLIC OFFERING NOTICE

ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1

LEASE A0191
LEASE A0192

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

ESZ000101 EASTERN SLOPES POLICY ZONE 2

	LEASE	LAND DESCRIPTION
	A0164	5-14-048: 12P
	A0175	6-03-062: 20P
	A0176	6-03-062: 21P
	A0177	
	A0178	6-03-062: 32P
	LICENCE B0198	6-06-064: 7P

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
GRANDE PRAIRIE OFFICE
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
PO BOX 899
VALLEYVIEW AB T0H 3N0 (780) 538-5260

ESZ000301 EASTERN SLOPES POLICY ZONE 4

	LEASE	LAND DESCRIPTION
	A0178	6-03-062: 32SP,NW,NEP

ALL LAND(S) IS/ARE WITHIN ZONE 4 (GENERAL RECREATION) OF AN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
GRANDE PRAIRIE OFFICE
GRANDE PRAIRIE OFFICE - LAND USE AREA-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
PO BOX 899
VALLEYVIEW AB T0H 3N0 (780) 538-5260

SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES

		LAND DESCRIPTION	
LEASE	A0163	5-13-048:	18NP
LEASE	A0164	5-14-048:	12SWP
LEASE	A0171	6-04-061:	20EP
LEASE	A0175	6-03-062:	20NP,SWP
LEASE	A0176	6-03-062:	21P
LEASE	A0177	6-03-062:	28N,SEP,SW
LEASE	A0178		
LEASE	A0179	6-04-062:	3SP,NEP
LEASE	A0180		
LEASE	A0181	6-06-064:	3SP,NW,NEP
LEASE	A0194	5-01-004:	10NP,SWP
LICENCE	B0195	5-15-046:	36SWP
LICENCE	B0198	6-06-064:	5NEP; 7NP
LICENCE	B0200	6-05-070:	28SP,NWP
LICENCE	B0201		
LICENCE	B0204		
LICENCE	B0206		
LICENCE	B0207	6-08-084:	34S,NW,NEP
		6-08-085:	3SP
LICENCE	B0208	6-09-086:	17SEP

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

SHA006901 MOUNTAIN GOAT AND SHEEP AREAS

LEASE A0194

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	A0168		
LICENCE	B0200	6-05-070:	28SP,NWP,NE
LICENCE	B0207	6-08-084:	34NEP
		6-08-085:	3SP,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

ADDENDA AND CONTACTS APPLICABLE TO THE 2018 JANUARY 24 PUBLIC OFFERING NOTICE

WPP005401 CASTLE

LEASE A0194

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

WRA000201 PADDLE RIVER

LAND DESCRIPTION
LEASE A0168 5-11-058: 14SEP

ALL LAND(S) IS/ARE WITHIN A WATERSHED RESEARCH AREA.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LANDS OFFICER
WHITECOURT OFFICE
WHITECOURT REGIONAL HEADQUARTERS - LAND AND FOREST SERVICE DEPT. OF
SUSTAINABLE RESOURCE DEV
5020 52 AVE SUITE 224
WHITECOURT AB T7S 1N2 (780) 778-7153

END