

2019 MAY 08

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2019.05.08

From	To	Total	Area
LEASES: A0001	A0063	63	22,732.0000 ha.
LICENCES: B0064	B0071	8	11,008.0000 ha.

		71	33,740.0000 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 2019 May 08**.

HOW TO SUBMIT BIDS

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

AMOUNT OF PAYMENT

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

FORM OF PAYMENT

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

REMEMBER

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

RESULTS OF THE PUBLIC OFFERING

1. The accepted bids information will be available on **2019 May 08** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

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LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	192	4-10-010: 10S,NE PETROLEUM AND NATURAL GAS	
A0002	256	4-19-014: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD TO THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 12) (DRRZD 273)
A0003	192	4-08-019: 27N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(CFB001001) (DRRZD 4)
A0004	3840		(HRV003502)
	TRACT ONE	4-11-022: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BSL COLORADO&BLAIRMORE	(DRRZD 12) (ZD 32-1)
	TRACT TWO	4-11-022: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BOW ISLAND-COLORADO SH EXCEPTING NATURAL GAS IN THE BSL COLORADO&BLAIRMORE	(DRRZD 12) (ZD 32-1) (ZD 32-1)
	TRACT THREE	4-11-022: 4-7; 17; 18 4-12-022: 1; 2; 11-14; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0005	192	4-13-022: 6N 4-14-022: 1NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(HRV003701) (DRRZD 13)
A0006	2304		
	TRACT ONE	4-08-024: 31 4-08-025: 5-7 4-09-024: 36 4-09-025: 1 PETROLEUM AND NATURAL GAS	
	TRACT TWO	4-08-025: 17; 18 4-09-025: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0007	256	4-03-026: 23 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0008	64	4-02-029: 30NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0009	256	4-22-029: 1 PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE VIKING FM EXCEPTING NATURAL GAS IN THE OSTRACOD SS EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(ZD 2143) (ZD 2143) (ZD 2143)
A0010	256	4-22-029: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS	(DRRZD 39) (ZD 1096)
A0011	256	TRACT ONE 4-22-029: 33SE PETROLEUM AND NATURAL GAS TRACT TWO 4-22-029: 33W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TRACT THREE 4-22-029: 33NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 6) (DRRZD 4) (DRRZD 30)
A0012	128	4-24-029: 6N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0013	256	4-02-030: 25 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0014	76	4-28-046: 33EF PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
A0015	768	4-28-047: 11; 14 5-01-047: 12 PETROLEUM AND NATURAL GAS	
A0016	512	5-01-047: 14; 24 PETROLEUM AND NATURAL GAS	
A0017	128	4-03-051: 14N PETROLEUM AND NATURAL GAS	
A0018	1536	TRACT ONE 4-27-051: 2; 3 PETROLEUM AND NATURAL GAS TRACT TWO 4-27-051: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM EXCEPTING NATURAL GAS IN THE MANNVILLE GRP TRACT THREE 4-27-051: 10N,SW; 11; 14; 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 6) (ZD 2752) (DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0019	256	4-03-052: 36 PETROLEUM AND NATURAL GAS	
A0020	64	4-05-052: 24SE PETROLEUM AND NATURAL GAS	
A0021	64	4-05-052: 24SW PETROLEUM AND NATURAL GAS	
A0022	64	4-05-052: 24NW PETROLEUM AND NATURAL GAS	
A0023	64	4-05-052: 24NE PETROLEUM AND NATURAL GAS	
A0024	128	4-07-052: 36E PETROLEUM AND NATURAL GAS	
A0025	64	4-26-062: 13NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0026	128	4-21-063: 7E PETROLEUM AND NATURAL GAS TO THE TOP OF THE ELK POINT GRP	(DRRZD 284)
A0027	256	4-21-063: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0028	256	4-22-064: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0029	256	4-22-064: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0030	256	4-22-064: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0031	64	4-26-064: 17SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0032	64	5-01-065: 14NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
--- NORTHERN REGION ---			
A0033	256	5-10-049: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE TOP OF THE ROCK CREEK MBR	(GZR001101) (DRRZD 3) (DRRZD 60)

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LEASE	HECTARES	LAND DESCRIPTION	
A0034	256	5-18-055: 26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(SHA006701) (DRRZD 22)
A0035	256	5-18-055: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM	(SHA006701) (DRRZD 22)
A0036	1280	TRACT ONE 6-05-060: 32; 33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(SHA008201) (DRRZD 138)
		TRACT TWO 6-05-061: 4; 5; 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
A0037	1280	6-04-061: 18; 19; 30 6-05-061: 13; 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA008201) (DRRZD 264)
A0038	1024	6-05-061: 10; 11; 14; 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA008201) (DRRZD 264)
A0039	256	5-10-063: 3 PETROLEUM AND NATURAL GAS	(SHA008001)
A0040	64	5-07-065: 29NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(SHA008001) (DRRZD 6)
A0041	64	4-24-067: 12NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0042	64	4-24-067: 14NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0043	64	4-24-067: 15SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0044	64	4-24-067: 21NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0045	64	4-24-067: 29NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0046	64	5-01-069: 2NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)

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LEASE	HECTARES	LAND DESCRIPTION	
A0047	768	4-25-072: 31 4-26-072: 35; 36 PETROLEUM AND NATURAL GAS	
A0048	256	5-02-074: 22 PETROLEUM AND NATURAL GAS	
A0049	256	5-04-074: 25 PETROLEUM AND NATURAL GAS	
A0050	256	5-03-075: 11 PETROLEUM AND NATURAL GAS	
A0051	64	5-26-078: 13NE PETROLEUM AND NATURAL GAS	
A0052	256	6-10-078: 10 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(FRP000701) (DRRZD 251)
A0053	64	6-03-082: 28NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
A0054	64	6-07-083: 8SE PETROLEUM AND NATURAL GAS	(SHA007001)
A0055	256	TRACT ONE 6-10-110: 36N,SE PETROLEUM AND NATURAL GAS TRACT TWO 6-10-110: 36SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SULPHUR POINT FM	(DRRZD 43)
--- Foothills Region ---			
A0056	256	4-25-001: 10 PETROLEUM AND NATURAL GAS	(SHA006701)
A0057	256	4-25-001: 12 PETROLEUM AND NATURAL GAS	
A0058	768	4-25-001: 22; 28; 34 PETROLEUM AND NATURAL GAS	(SHA006701)
A0059	64	4-25-001: 26NE PETROLEUM AND NATURAL GAS	(SHA006701)
A0060	256	TRACT ONE 5-08-034: 16SE PETROLEUM AND NATURAL GAS TRACT TWO 5-08-034: 16N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(SHA006701) (SHA008301) (DRRZD 3)

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LEASE	HECTARES	LAND DESCRIPTION	
A0061	64		(SHA006701) (SHA008301)
		5-08-035: 20SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE LEDUC FM EXCEPTING NATURAL GAS IN THE LEDUC FM	(DRRZD 69) (ZD 3022)
A0062	64		(SHA008301)
		5-08-036: 34NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 6) (DRRZD 60)
A0063	256		(IRZ003501) (SHA006701) (SHA008301)
		5-08-037: 7 PETROLEUM AND NATURAL GAS	
63	22,732.00	HA TOTALS	END

2019 MAY 08

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0064	256	5-06-037: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
B0065	4352		(SHA006701)
	TRACT ONE	5-09-049: 23; 36 5-09-050: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
	TRACT TWO	5-09-050: 2NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
	TRACT THREE	5-09-049: 26; 32-35 5-09-050: 2S,NW; 3-5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
	TRACT FOUR	5-09-049: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT FIVE	5-09-049: 1; 2; 11; 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NISKU FM	(DRRZD 79)
B0066	1280		
	TRACT ONE	5-10-053: 19N PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-10-053: 19S; 20S,NE PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(ZD 2884)
	TRACT THREE	5-10-053: 20NW; 29-31 PETROLEUM AND NATURAL GAS BELOW THE TOP OF THE NORDEGG MBR	(DRRZD 66)
B0067	512		(TSH003401) (TSH003501)
		5-26-067: 33 5-26-068: 4 PETROLEUM AND NATURAL GAS	
B0068	2816		(TSH003401) (TSH003501)
	TRACT ONE	5-25-070: 8 5-26-069: 26; 27; 29; 34 5-26-070: 12; 24 PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-25-070: 6 5-26-070: 2; 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 276) (DRRZD 37)
	TRACT THREE	5-26-070: 26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0069	256	5-10-070: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA008001) (DRRZD 21)
B0070	1280	5-01-073: 25; 26; 35 5-01-074: 1; 2 PETROLEUM AND NATURAL GAS	
B0071	256	5-07-077: 30 PETROLEUM AND NATURAL GAS	
8	11,008.00	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2019 MAY 08 PUBLIC OFFERING NOTICE

ZD: 32-1 ZONE: 2121 BOW ISLAND-COLORADO SH

INTERVAL: 2294.00 - 2572.00 FEET
KEY WELL: 03/13-34-021-12W4/0
LOG TYPE: RADIOACTIVITY

ZONE: 2422 BSL COLORADO&BLAIRMORE

INTERVAL: 2572.00 - 2982.00 FEET
KEY WELL: 03/13-34-021-12W4/0
LOG TYPE: RADIOACTIVITY

ZD: 1096 ZONE: 3000 GLAUCONITIC SS

INTERVAL: 4780.00 - 4843.00 FEET
KEY WELL: 00/07-31-029-22W4/0
LOG TYPE: NOT IDENTIFIED

ZD: 2143 ZONE: 1260 BELLY RIVER GRP

INTERVAL: 1480.00 - 2270.00 FEET
KEY WELL: 00/07-01-029-22W4/0
LOG TYPE: INDUCTION ELECTRIC

ZONE: 2140 VIKING FM

INTERVAL: 4036.00 - 4270.00 FEET
KEY WELL: 00/07-01-029-22W4/0
LOG TYPE: INDUCTION ELECTRIC

ZONE: 3000 GLAUCONITIC SS

INTERVAL: 4600.00 - 4688.00 FEET
KEY WELL: 00/07-01-029-22W4/0
LOG TYPE: INDUCTION ELECTRIC

ZONE: 3160 OSTRACOD SS

INTERVAL: 4715.00 - 4777.00 FEET
KEY WELL: 00/07-01-029-22W4/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 2752 ZONE: 2480 MANNVILLE GRP

INTERVAL: 3828.00 - 4575.00 FEET
KEY WELL: 00/14-10-051-27W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 2884 ZONE: 3100 LOWER MANNVILLE FM

INTERVAL: 6011.00 - 6097.00 FEET
KEY WELL: 00/10-29-053-10W5/0
LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

ZD: 3022 ZONE: 7200 LEDUC FM

INTERVAL: 13486.00 - 14400.00 FEET
KEY WELL: 00/07-19-035-08W5/0
LOG TYPE: SIDEWALL NEUTRON POROSITY

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2019 MAY 08 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: 30 ZONE: 6420 PEKISKO FM

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

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

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

DRRZD: 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 2019 MAY 08 PUBLIC OFFERING NOTICE

DRRZD: 43 ZONE: 7675 SULPHUR POINT FM

INTERVAL: 5408.00 - 5482.00 FEET
KEY WELL: 02/07-18-109-07W6/0
LOG TYPE: FORMATION DENSITY

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: 69 ZONE: 7200 LEDUC FM

INTERVAL: 14772.00 - 15615.00 FEET
KEY WELL: 00/10-33-036-10W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

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: 138 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 7846.00 - 8938.00 FEET
KEY WELL: 00/16-23-057-06W6/0
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

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: 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: 284 ZONE: 7635 ELK POINT GRP

INTERVAL: 783.00 - 1370.00 METRES
KEY WELL: 02/06-13-063-08W4/0
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2019 MAY 08 PUBLIC OFFERING NOTICE

CFB001001 **SUFFIELD**
LEASE A0003

ALL LAND(S) IS/ARE WITHIN CANADIAN FORCES BASE SUFFIELD. FOR INFORMATION CONCERNING SURFACE ACCESS PLEASE REFER TO ALBERTA ENERGY INFORMATION BULLETIN 99-6 AND INFORMATION LETTER 99-36.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

LUCIANO SCARPINO
SUPERVISOR, RANGE SAFETY
SUFFIELD INDUSTRY RANGE CONTROL LTD.
500 CENTRE ST SE
PO BOX 766
CALGARY AB T2P 0M5 (403) 862-0065

FRP000701 **FOREST RESEARCH PLOT**
LAND DESCRIPTION
LEASE A0052 6-10-078: 10NE

ALL LAND(S) IS/ARE WITHIN A FOREST RESEARCH PLOT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

MARK TOWNSEND
RESOURCE ANALYST
PEACE RIVER OFFICE - FORESTRY DEPT. OF SUSTAINABLE RESOURCE DEV
9621 96 AVE FLOOR 2
PEACE RIVER AB T8S 1T4 (780) 624-7133

GZR001101 **PEMBINA**
LEASE A0033

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

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

HRV003502 **HISTORIC RESOURCES VALUE 1**
LAND DESCRIPTION
LEASE A0004 4-12-022: 2L13

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

SURFACE ACCESS IS NOT PERMITTED

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

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2019 MAY 08 PUBLIC OFFERING NOTICE

HRV003701 HISTORIC RESOURCES VALUE 3

LEASE A0005

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

IRZ003501 ROCKY-NORTH SASKATCHEWAN ZONE 2

LAND DESCRIPTION
LEASE A0063 5-08-037: 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
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

SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES

LAND DESCRIPTION
LEASE A0028
LEASE A0029 4-22-064: 24SP
LEASE A0034 5-18-055: 26P
LEASE A0035 5-18-055: 26P
LEASE A0056 4-25-001: 10NP, SWP
LEASE A0058 4-25-001: 22P
LEASE A0059 4-25-001: 26NEP
LEASE A0060 5-08-034: 16SP
LEASE A0061
LEASE A0063 5-08-037: 7SEP
LICENCE B0064 5-06-037: 15SP, NEP
LICENCE B0065 5-09-049: 2NP, SEP, SW; 11NP, SEP, SW; 14P; 23P; 25EP, W; 26SP, NWP,
NE; 35E, WP; 36EP, W
5-09-050: 1S, NWP, NE; 2SP, NEP

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 2019 MAY 08 PUBLIC OFFERING NOTICE

SHA007001 SPECIAL ACCESS ZONE

LEASE A0054

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

LEASE A0039
LEASE A0040
LICENCE B0069

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

LEASE A0036
LEASE A0037
LEASE A0038

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

SHA008301 CLEARWATER GRIZZLY BEAR ZONE

LEASE A0060
LEASE A0061
LEASE A0062
LEASE A0063

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

TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER

LAND DESCRIPTION
LICENCE B0067 5-26-067: 33P
5-26-068: 4P
LICENCE B0068 5-25-070: 6P; 8P
5-26-070: 12P; 24P

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 B0067 5-26-067: 33P
5-26-068: 4P
LICENCE B0068 5-25-070: 6P; 8P
5-26-070: 12P; 14P; 24P

ALL LAND(S) IS/ARE WITHIN TRUMPETER SWAN HABITAT 800 METRE BUFFER. ACTIVITIES SHALL NOT OCCUR WITHIN 800 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