

2017 APRIL 05

# PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta  
Government

## PUBLIC OFFERING CONTROL COUNTS FOR 2017.04.05

From	To	Total	Area
LEASES: A0001	A0122	122	25,392.0000 ha.
LICENCES: B0123	B0136	14	14,208.0000 ha.
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		136	39,600.0000 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 2017 April 05**.

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 **2017 April 05** in the afternoon on the Department's website at <http://www.energy.gov.ab.ca>.
2. All agreements are issued in accordance with the Mines & Minerals Act and its regulations.

PETROLEUM AND NATURAL GAS LEASES

LEASE SCHEDULE

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LEASE	HECTARES	LAND DESCRIPTION	
--- PLAINS REGION ---			
A0001	64	4-13-012: 1SE PETROLEUM AND NATURAL GAS	
A0002	256	4-28-015: 30 PETROLEUM AND NATURAL GAS	(SHA006701)
A0003	128	4-29-015: 24N PETROLEUM AND NATURAL GAS	(SHA006701)
A0004	16	4-09-018: 6L11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 48) (DRRZD 4)
A0005	16	4-09-018: 6L12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 48) (DRRZD 4)
A0006	64	4-09-018: 7SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BASAL COLORADO SD TO THE BASE OF THE MANNVILLE GRP	(DRRZD 48) (DRRZD 4)
A0007	64	4-25-018: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE MANNVILLE GRP	(DRRZD 39) (DRRZD 4)
A0008	64	4-23-019: 30SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0009	256	4-10-023: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 156)
A0010	256	4-10-023: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 156)
A0011	192	TRACT ONE 4-11-023: 19S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
		TRACT TWO 4-11-023: 19NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0012	128	4-11-023: 21S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)

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LEASE	HECTARES	LAND DESCRIPTION	
A0013	128	4-11-023: 22S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0014	256	TRACT ONE 4-11-023: 23E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD  TRACT TWO 4-11-023: 23W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12)  (DRRZD 12) (ZD 41-1)
A0015	64	4-11-023: 25SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0016	64	4-11-023: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0017	128	4-11-023: 27N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0018	128	4-11-023: 28N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0019	128	4-11-023: 29N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0020	256	4-11-023: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0021	256	4-11-023: 31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0022	128	4-11-023: 32S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0023	128	4-11-023: 33S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)

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LEASE	HECTARES	LAND DESCRIPTION	
A0024	256	4-11-023: 35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0025	64	4-11-023: 36NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0026	256	4-12-023: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 7-1)
A0027	256	4-12-023: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 7-1)
A0028	256	4-13-023: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE PEKISKO FM	(DRRZD 4) (DRRZD 30)
A0029	256	TRACT ONE 4-14-023: 14W,L2,L7,L10,L15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-14-023: 14L1,L8,L9,L16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE PEKISKO FM	(DRRZD 4) (DRRZD 30)
A0030	256	TRACT ONE 4-14-023: 15N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO 4-14-023: 15SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0031	64	4-14-023: 22SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE TOP OF THE PEKISKO FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 4) (DRRZD 30) (DRRZD 9)
A0032	192	4-14-023: 23N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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LEASE	HECTARES	LAND DESCRIPTION	
A0033	256		
		TRACT ONE	
		4-14-023: 24N	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TRACT TWO	
		4-14-023: 24S	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
		TO THE TOP OF THE PEKISKO FM	(DRRZD 30)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 9)
A0034	256	4-14-023: 25	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0035	256	4-14-023: 27	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0036	256	4-10-024: 6	
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(ZD 156)
A0037	256	4-10-024: 7	
		PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(ZD 156)
A0038	256	4-11-024: 1	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(ZD 41-1)
A0039	256	4-11-024: 2	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(ZD 41-1)
A0040	256	4-11-024: 6	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
		EXCEPTING NATURAL GAS IN THE COLORADO GRP	(ZD 18-A)
A0041	256	4-11-024: 7	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM	(DRRZD 11)
		EXCEPTING NATURAL GAS IN THE COLORADO GRP	(ZD 18-A)
A0042	256	4-11-024: 11	
		PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD	(DRRZD 12)
		EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(ZD 41-1)

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LEASE	HECTARES	LAND DESCRIPTION	
A0043	192	4-11-024: 12S,NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MEDICINE HAT SD EXCEPTING NATURAL GAS IN THE BASAL COLORADO SD	(DRRZD 12) (ZD 41-1)
A0044	256	4-12-024: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0045	256	4-12-024: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0046	256	4-12-024: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0047	256	4-12-024: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0048	256	4-12-024: 15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MILK RIVER FM EXCEPTING NATURAL GAS IN THE COLORADO GRP	(DRRZD 11) (ZD 18-A)
A0049	256	4-13-024: 7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0050	256	4-13-024: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE COLORADO GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE BLAIRMORE GRP	(ZD 2227) (ZD 2033)
A0051	256	4-13-024: 10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE COLORADO GRP EXCEPTING PETROLEUM AND NATURAL GAS IN THE BLAIRMORE GRP	(ZD 2227) (ZD 2033)
A0052	256	4-18-029: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0053	128	4-16-030: 15N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0054	192	4-15-031: 5N,SW PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0055	256	4-15-031: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0056	64	4-23-031: 4SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM NATURAL GAS IN THE MIDDLE MANNVILLE	(DRRZD 4) (DRRZD 23) (ZD 201-2)
A0057	64	4-23-031: 4SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM NATURAL GAS IN THE MIDDLE MANNVILLE	(DRRZD 4) (DRRZD 23) (ZD 201-2)
A0058	64	4-23-031: 4NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM NATURAL GAS IN THE MIDDLE MANNVILLE	(DRRZD 4) (DRRZD 23) (ZD 201-2)
A0059	64	4-23-031: 4NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM NATURAL GAS IN THE MIDDLE MANNVILLE	(DRRZD 4) (DRRZD 23) (ZD 201-2)
A0060	64	4-23-031: 7SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE NISKU FM	(DRRZD 30) (DRRZD 23)
A0061	64	4-23-031: 7SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE NISKU FM	(DRRZD 30) (DRRZD 23)
A0062	64	4-23-031: 7NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE NISKU FM	(DRRZD 30) (DRRZD 23)
A0063	64	4-23-031: 7NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM TO THE BASE OF THE NISKU FM	(DRRZD 30) (DRRZD 23)
A0064	128	4-22-032: 10E PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0065	192	4-01-033: 14S,NE PETROLEUM AND NATURAL GAS	
A0066	256	4-13-033: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)



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LEASE	HECTARES	LAND DESCRIPTION	
A0067	256	4-01-034: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0068	256	4-01-034: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0069	128	4-10-034: 24S PETROLEUM AND NATURAL GAS IN THE SECOND WHITE SPECKS	(DRRZD 13)
A0070	256	4-01-035: 1 PETROLEUM AND NATURAL GAS	
A0071	80	4-01-038: 20NW, L7 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0072	64	4-02-038: 26NE PETROLEUM AND NATURAL GAS	
A0073	256	4-26-038: 11 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0074	256	4-26-038: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0075	256	4-24-040: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0076	128	4-24-040: 30S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0077	256	4-25-040: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0078	256	4-25-040: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0079	256	4-25-040: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0080	256	4-25-040: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0081	128	4-26-040: 24E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)

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A0082	256	4-26-040: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0083	256	5-04-040: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 30)
A0084	256	TRACT ONE 5-04-040: 5S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(DRRZD 3)
		TRACT TWO 5-04-040: 5NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR	(DRRZD 60)
A0085	256	4-24-041: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0086	256	4-27-049: 28 PETROLEUM AND NATURAL GAS	
A0087	64	5-04-051: 6NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0088	64	5-04-051: 6NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE BANFF FM	(DRRZD 6) (DRRZD 57)
A0089	256	4-17-054: 32 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0090	64	4-27-061: 2SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0091	64	4-27-061: 2NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0092	256	4-21-063: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0093	256	4-23-063: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA006701) (DRRZD 4)
A0094	256	4-23-063: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)

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A0095	256	4-24-063: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0096	256	4-13-064: 5 PETROLEUM AND NATURAL GAS	(ADM011601) (SHA006701)
A0097	256	4-13-064: 8 PETROLEUM AND NATURAL GAS	(ADM011601) (SHA006701)
--- NORTHERN REGION ---			
A0098	128	5-05-037: 27E PETROLEUM AND NATURAL GAS	
A0099	128	5-05-037: 27W PETROLEUM AND NATURAL GAS	
A0100	256	5-08-047: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE BANFF FM	(IR2000201) (DRRZD 60) (DRRZD 57)
A0101	256	5-06-048: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BANFF FM	(DRRZD 3) (DRRZD 57)
A0102	128	5-15-049: 29E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 3) (DRRZD 22)
A0103	128	5-10-050: 32W PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0104	128	5-10-050: 32W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0105	256	5-18-056: 14 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0106	256	5-17-065: 3 PETROLEUM AND NATURAL GAS	
A0107	256	4-11-070: 6 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP EXCEPTING NATURAL GAS IN THE VIKING FM	(ADM011601) (DRRZD 4) (ZD 3024)

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A0108	256	6-03-071: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(SHA006701) (DRRZD 264)
A0109	256	5-06-076: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BANFF FM	(DRRZD 255)
A0110	384	6-06-076: 28; 32S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0111	640	6-04-077: 4N; 9; 16 PETROLEUM AND NATURAL GAS	(TSH003501)
A0112	640	6-04-077: 5S; 6; 7 PETROLEUM AND NATURAL GAS	
A0113	512	6-04-077: 28; 30 PETROLEUM AND NATURAL GAS	
A0114	1216	6-05-077: 12; 13; 14N,SW; 23; 24 PETROLEUM AND NATURAL GAS	
A0115	192	6-12-077: 24S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE CHARLIE LAKE FM	(SHA006701) (DRRZD 21) (DRRZD 247)
A0116	128	6-07-078: 19N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0117	256	6-08-078: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0118	128	6-12-078: 18E NATURAL GAS IN THE DOE CREEK MBR NATURAL GAS IN THE CADOTTE MBR NATURAL GAS IN THE GETHING FM NATURAL GAS IN THE CADOMIN FM NATURAL GAS IN THE JURASSIC SS NATURAL GAS IN THE BALDONNEL & UPPER CHARLIE LK	(ZD 74-2) (ZD 74-2) (ZD 74-2) (ZD 74-2) (ZD 74-2) (ZD 74-2)
A0119	256	TRACT ONE 6-10-082: 26N PETROLEUM AND NATURAL GAS  TRACT TWO 6-10-082: 26SW NATURAL GAS IN THE BLUESKY-BULLHEAD PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM  TRACT THREE 6-10-082: 26SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(ZD 3076) (DRRZD 247)  (DRRZD 247)

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LEASE	HECTARES	LAND DESCRIPTION	
A0120	64	5-14-083: 34NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SLAVE POINT FM	(ADM011501)  (DRRZD 18)
A0121	128	6-13-086: 12N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE STODDART GRP	(SHA008401)  (DRRZD 21) (DRRZD 271)
A0122	256	6-02-091: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(SHA008401)  (DRRZD 21)
122	25,392.00	HA TOTALS	<b>END</b>



2017 APRIL 05

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0123	1024		(CML004201) (IR2000701) (IR2000702) (SHA006701) (SHA007901)
		5-22-051: 9; 10; 15; 22 PETROLEUM AND NATURAL GAS	
B0124	896		(SHA007901)
		5-22-051: 12-14; 23W PETROLEUM AND NATURAL GAS	
B0125	1280		(IR2000702) (SHA007001)
TRACT ONE		5-22-052: 9; 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
TRACT TWO		5-22-052: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
TRACT THREE		5-23-052: 13 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE FERNIE GRP	(DRRZD 51) (DRRZD 276)
TRACT FOUR		5-22-052: 18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 3) (DRRZD 21)
B0126	1536		(IRS000201) (SHA006701) (SHA007001) (TSH003401) (TSH003501)
TRACT ONE		6-03-070: 3; 11; 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)
TRACT TWO		6-03-070: 14; 22; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE WABAMUN GRP	(DRRZD 38) (DRRZD 277)
B0127	1536		(IRS000201) (SHA006701) (SHA007001) (TSH003401) (TSH003501)
		6-03-070: 3; 11; 14; 15; 22; 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
B0128	2816		(PNA020401) (SHA006701) (SHA007001) (TSH003401) (TSH003501)
		6-03-070: 4; 7-9; 16-18 6-04-070: 23-26 PETROLEUM AND NATURAL GAS TO THE BASE OF THE WABAMUN GRP	(DRRZD 277)

2017 APRIL 05

LICENCE	HECTARES	LAND DESCRIPTION	
B0129	2816		(PNA020401) (SHA006701) (SHA007001) (TSH003401) (TSH003501)
		6-03-070: 4; 7-9; 16-18 6-04-070: 23-26 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
B0130	256		(TSH003401) (TSH003501)
		6-09-072: 28 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0131	256		
		6-03-073: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
B0132	256		(ADM001901) (TSH003401) (TSH003501)
		5-25-079: 15 PETROLEUM AND NATURAL GAS	
B0133	256		
		6-11-080: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0134	256		
		6-11-080: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0135	512		
		6-07-086: 15; 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0136	512		
		6-06-087: 3; 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)
14	14,208.00	HA TOTALS	<b>END</b>



ZONE DESIGNATIONS APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

ZD: 7-1                      ZONE: 1600 COLORADO GRP  
  
INTERVAL: 1495.00 - 2948.00 FEET  
KEY WELL: 00/06-22-024-13W4/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 2440 BLAIRMORE GRP  
  
INTERVAL: 2948.00 - 3310.00 FEET  
KEY WELL: 00/06-22-024-13W4/2  
LOG TYPE: ELECTRICAL

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ZD: 18-A                    ZONE: 1600 COLORADO GRP  
  
INTERVAL: 1480.00 - 2878.00 FEET  
KEY WELL: 00/10-19-024-11W4/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 2440 BLAIRMORE GRP  
  
INTERVAL: 2878.00 - 3225.00 FEET  
KEY WELL: 00/10-19-024-11W4/0  
LOG TYPE: ELECTRICAL

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ZD: 41-1                    ZONE: 2420 BASAL COLORADO SD  
  
INTERVAL: 2824.00 - 2837.00 FEET  
KEY WELL: 00/06-32-023-11W4/0  
LOG TYPE: ELECTRICAL

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ZD: 74-2                    ZONE: 1900 DOE CREEK MBR  
  
INTERVAL: 1321.00 - 1363.00 FEET  
KEY WELL: 00/01-12-078-13W6/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 2320 CADOTTE MBR  
  
INTERVAL: 3250.00 - 3469.00 FEET  
KEY WELL: 00/01-12-078-13W6/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 3260 GETHING FM  
  
INTERVAL: 4794.00 - 5182.00 FEET  
KEY WELL: 00/01-12-078-13W6/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 3480 CADOMIN FM  
  
INTERVAL: 5182.00 - 5240.00 FEET  
KEY WELL: 00/01-12-078-13W6/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 4460 JURASSIC SS  
  
INTERVAL: 5240.00 - 5543.00 FEET  
KEY WELL: 00/01-12-078-13W6/0  
LOG TYPE: ELECTRICAL

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ZD: 156                    ZONE: 2420 BASAL COLORADO SD  
  
INTERVAL: 2799.00 - 2809.00 FEET  
KEY WELL: 00/07-19-024-10W4/0  
LOG TYPE: ELECTRICAL  
  
                            ZONE: 3180 BASAL BLAIRMORE  
  
INTERVAL: 3028.00 - 3082.00 FEET  
KEY WELL: 00/07-19-024-10W4/0  
LOG TYPE: ELECTRICAL

---

ZONE DESIGNATIONS APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

ZD: 201-2                               ZONE: 2791 MIDDLE MANNVILLE

INTERVAL: 5070.00 - 5138.00 FEET  
KEY WELL: 00/05-10-031-23W4/0  
LOG TYPE: INDUCTION ELECTRIC

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ZD: 2033                               ZONE: 2440 BLAIRMORE GRP

INTERVAL: 2936.00 - 3306.00 FEET  
KEY WELL: 00/03-16-024-13W4/0  
LOG TYPE: ELECTRICAL

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ZD: 2227                               ZONE: 1600 COLORADO GRP

INTERVAL: 1480.00 - 2878.00 FEET  
KEY WELL: 00/10-19-024-11W4/0  
LOG TYPE: ELECTRICAL

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ZD: 3024                               ZONE: 2140 VIKING FM

INTERVAL: 802.00 - 870.00 FEET  
KEY WELL: 00/10-04-070-12W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

                                      ZONE: 3062 WABISKAW-MCMURRAY

INTERVAL: 1422.00 - 1573.00 FEET  
KEY WELL: 00/10-04-070-12W4/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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ZD: 3076                               ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 3296.00 - 3648.00 FEET  
KEY WELL: 00/10-08-083-09W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

                                      ZONE: 6060 KISKATINAW FM

INTERVAL: 5365.00 - 5838.00 FEET  
KEY WELL: 00/10-08-083-09W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

---

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 APRIL 05 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

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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

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DRRZD: 9                    ZONE: 6440   BANFF FM  
  
INTERVAL: 4513.00 - 4971.00 FEET  
KEY WELL: 00/07-03-031-20W4/0  
LOG TYPE: GAMMA RAY-SONIC

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DRRZD: 11                  ZONE: 1580   MILK RIVER FM  
  
INTERVAL: 677.00 - 972.00 FEET  
KEY WELL: 00/15-02-014-05W4/0  
LOG TYPE: ELECTRICAL

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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

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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

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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

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

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

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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: 38                    ZONE: 1920 DUNVEGAN FM  
  
INTERVAL: 2566.00 - 3038.00 FEET  
KEY WELL: 00/11-04-074-05W6/0  
LOG TYPE: DUAL INDUCTION-LATEROLOG

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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

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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

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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: 57                    ZONE: 6440 BANFF FM  
  
INTERVAL: 4247.00 - 4776.00 FEET  
KEY WELL: 00/02-24-056-05W5/0  
LOG TYPE: BOREHOLE COMPENSATED SONIC

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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

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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

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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

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DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

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

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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

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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

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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

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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

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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

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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

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END



## ADDENDA AND CONTACTS APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

**ADM001901 PEACE RIVER OIL SANDS DESIGNATED AREA #1**

LICENCE B0132

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

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**ADM011501 PEACE RIVER OIL SANDS DESIGNATED AREA #2**

LEASE A0120

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

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ADM011601 ATHABASCA OIL SANDS DESIGNATED AREA

LEASE A0096  
LEASE A0097  
LEASE A0107

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

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CML004201 COALSPUR MINES (OPERATIONS) LTD MINE #1815

LAND DESCRIPTION  
LICENCE B0123 5-22-051: 9S

ALL LAND(S) IS/ARE WITHIN A LICENCE TO OPERATE A COAL MINE, GRANTED UNDER THE COAL CONSERVATION ACT.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

GENE WUSATY  
MANAGING DIRECTOR  
COALSPUR MINES (OPERATIONS) LTD.  
ENVIRONMENT & REGULATORY  
PO BOX 6146  
HINTON AB T7V 1X5 (403) 261-9997

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IR2000201 ROCKY-NORTH SASKATCHEWAN

LAND DESCRIPTION  
LEASE A0100 5-08-047: 3NEP

ALL LAND(S) IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

ANNE HUBBS  
SENIOR WILDLIFE BIOLOGIST  
ROCKY MOUNTAIN HOUSE OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE  
RESOURCE DEV  
PO BOX 1720  
ROCKY MOUNTAIN HOUSE AB T4T 1B3 (403) 845-8235

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ADDENDA AND CONTACTS APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

**IR2000701**

**COAL BRANCH**

LAND DESCRIPTION

LICENCE B0123 5-22-051: 9SP,NEP; 10WP; 15WP; 22WP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE HOBSON

WILDLIFE BIOLOGIST

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

111 54 ST SUITE 203

EDSON AB T7E 1T2

(780) 723-8518

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**IR2000702**

**COAL BRANCH**

LAND DESCRIPTION

LICENCE B0123 5-22-051: 9SP,NEP; 10NWP; 15WP; 22WP

LICENCE B0125 5-22-052: 20NP; 30SP,N

5-23-052: 13WP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF KNETEMAN

SENIOR WILDLIFE BIOLOGIST

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

131 CIVIC CENTRE RD FLOOR 3

HINTON AB T7V 1E6

(780) 865-8264

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**IRS000201**

**STURGEON LAKE-PUSKWASKAU EAST**

LAND DESCRIPTION

LICENCE B0126 6-03-070: 11EP; 14SEP

LICENCE B0127 6-03-070: 11EP; 14SEP

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

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**PNA020401**

**WAPITI SAND DUNES**

LAND DESCRIPTION

LICENCE B0128 6-04-070: 26NP

LICENCE B0129 6-04-070: 26NP

ALL LAND(S) IS/ARE RESERVED FOR A PROPOSED NATURAL AREA, UNDER THE PUBLIC LANDS ACT.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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

**SHA006701 KEY WILDLIFE AND BIODIVERSITY ZONES**

		LAND DESCRIPTION	
LEASE	A0002	4-28-015:	30SWP
LEASE	A0003	4-29-015:	24NP
LEASE	A0093	4-23-063:	23SP,NW,NEP
LEASE	A0096		
LEASE	A0097		
LEASE	A0108		
LEASE	A0115	6-12-077:	24SEP
LICENCE	B0123	5-22-051:	9P; 10WP; 15WP; 22WP
LICENCE	B0126	6-03-070:	3S,NWP,NE; 11S,NWP,NE; 14NP,SE,SWP
LICENCE	B0127	6-03-070:	3S,NWP,NE; 11S,NWP,NE; 14NP,SE,SWP
LICENCE	B0128	6-03-070:	4S,NP
		6-04-070:	23NP,SWP; 25SP,NW,NEP; 26N,SEP,SW
LICENCE	B0129	6-03-070:	4S,NP
		6-04-070:	23NP,SWP; 25SP,NW,NEP; 26N,SEP,SW

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	
LICENCE	B0125	5-22-052:	20NP,SEP; 30SP,NW,NEP
		5-23-052:	13NP,SWP
LICENCE	B0126	6-03-070:	3NWP; 11NWP; 14NP,SWP; 15; 22; 28
LICENCE	B0127	6-03-070:	3NWP; 11NWP; 14NP,SWP; 15; 22; 28
LICENCE	B0128	6-03-070:	4NP; 7-9; 16-18
		6-04-070:	23NP,SE,SWP; 24; 25SP,NEP; 26SEP
LICENCE	B0129	6-03-070:	4NP; 7-9; 16-18
		6-04-070:	23NP,SE,SWP; 24; 25SP,NEP; 26SEP

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

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**SHA007901 YELLOWHEAD GRIZZLY BEAR ZONE**

LICENCE	B0123
LICENCE	B0124

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  
 EDMONTON AB T5K 2M4 (780) 422-3344

ADDENDA AND CONTACTS APPLICABLE TO THE 2017 APRIL 05 PUBLIC OFFERING NOTICE

**SHA008401 CHINCHAGA GRIZZLY BEAR ZONE**

LEASE A0121  
LEASE A0122

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  
EDMONTON AB T5K 2M4 (780) 422-3344

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**TSH003401 TRUMPETER SWAN HABITAT 500m BUFFER**

LAND DESCRIPTION  
LICENCE B0126 6-03-070: 28NP,SWP  
LICENCE B0127 6-03-070: 28NP,SWP  
LICENCE B0128 6-03-070: 4NWP; 7P; 8P; 9WP; 18NP  
6-04-070: 23SP,NEP; 24P; 25EP  
LICENCE B0129 6-03-070: 4NWP; 7P; 8P; 9WP; 18NP  
6-04-070: 23SP,NEP; 24P; 25EP  
LICENCE B0130 6-09-072: 28NWP  
LICENCE B0132 5-25-079: 15SEP

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

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**TSH003501 TRUMPETER SWAN HABITAT 800m BUFFER**

LAND DESCRIPTION  
LEASE A0111 6-04-077: 4NEP  
LICENCE B0126 6-03-070: 28P  
LICENCE B0127 6-03-070: 28P  
LICENCE B0128 6-03-070: 4NWP; 7NP,SEP; 8NP,SWP; 9WP; 18NP  
6-04-070: 23P; 24NP,SEP; 25SP,NEP; 26SEP  
LICENCE B0129 6-03-070: 4NWP; 7NP,SEP; 8NP,SWP; 9WP; 18NP  
6-04-070: 23P; 24NP,SEP; 25SP,NEP; 26SEP  
LICENCE B0130 6-09-072: 28NWP  
LICENCE B0132 5-25-079: 15SEP

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.

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9920 108 ST NW FLOOR 2  
EDMONTON AB T5K 2M4 (780) 422-3344

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END