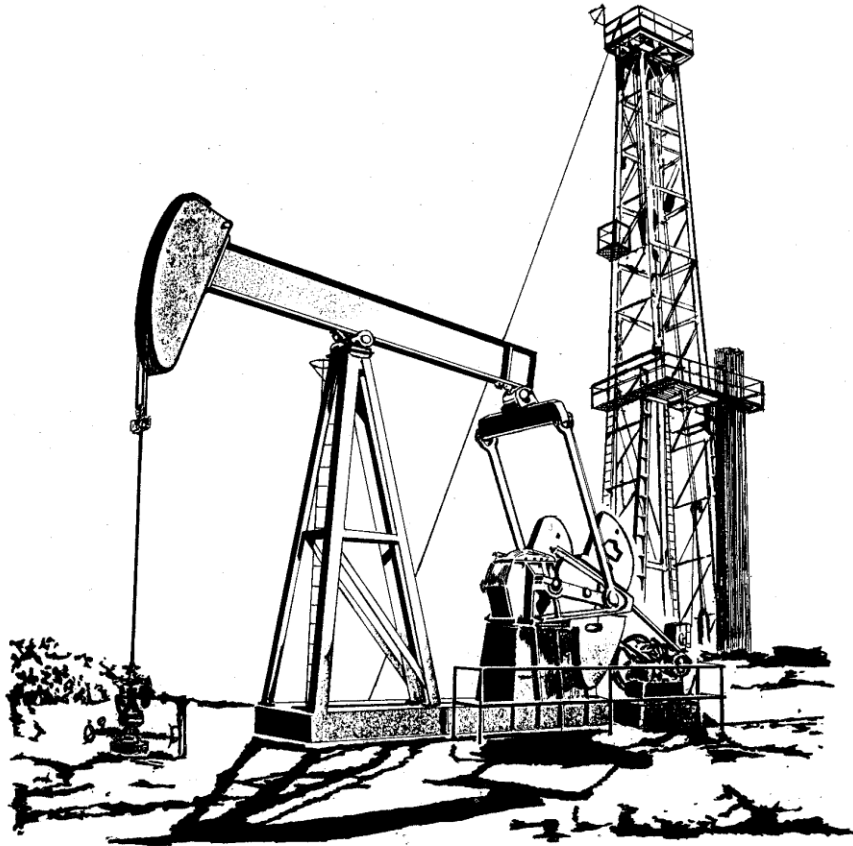


2014 AUGUST 20

PUBLIC OFFERING OF CROWN PETROLEUM AND NATURAL GAS RIGHTS



Alberta 
Government

PUBLIC OFFERING CONTROL COUNTS FOR 2014.08.20

From	To	Total	Area
LEASES: A0134	A0239	106	24,971.6000 ha.
LICENCES: B0240	B0269	30	24,354.3920 ha.

		136	49,325.9920 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 2014 August 20**.

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 **2014 August 20** 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 ---			
A0134	512	4-08-001: 7;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(SHA005201) (SHA005701) (DRRZD 236)
A0135	768	4-09-001: 4;9;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LIVINGSTONE FM	(SHA005201) (SHA005701) (DRRZD 236)
A0136	512	4-09-001: 7;18 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(SHA005201) (SHA005701) (DRRZD 4)
A0137	64	4-18-013: 25SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE SAWTOOTH FM	(DRRZD 4) (DRRZD 20)
A0138	256	TRACT ONE 4-24-013: 6SW PETROLEUM AND NATURAL GAS TRACT TWO 4-24-013: 6N,SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FISH SCALE-WESTGATE	(DRRZD 273)
A0139	256	4-25-013: 28 PETROLEUM AND NATURAL GAS	
A0140	256	TRACT ONE 4-25-013: 36N,SE PETROLEUM AND NATURAL GAS TRACT TWO 4-25-013: 36SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0141	512	4-25-014: 20;29 PETROLEUM AND NATURAL GAS	
A0142	256	4-25-014: 24 PETROLEUM AND NATURAL GAS	
A0143	64	4-25-014: 26NE PETROLEUM AND NATURAL GAS	
A0144	256	4-26-014: 28 PETROLEUM AND NATURAL GAS	
A0145	384	4-25-015: 6 4-26-014: 36N PETROLEUM AND NATURAL GAS	(PDR000201)

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LEASE	HECTARES	LAND DESCRIPTION	
A0146	256	4-24-015: 6 PETROLEUM AND NATURAL GAS	
A0147	256	4-25-015: 30 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BOW ISLAND SD	(DRRZD 8)
A0148	192	4-21-019: 2N,SE PETROLEUM AND NATURAL GAS	
A0149	256	4-13-030: 29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM	(DRRZD 6)
A0150	256	4-01-031: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0151	256	4-10-031: 30 PETROLEUM AND NATURAL GAS	
A0152	256	4-11-031: 25 PETROLEUM AND NATURAL GAS	
A0153	256	4-17-032: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0154	64	4-17-032: 15NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0155	256	4-12-033: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS	(DRRZD 13)
A0156	192	4-14-033: 6S 4-15-033: 1SE PETROLEUM AND NATURAL GAS	
A0157	256	5-04-036: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0158	256	4-23-037: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0159	256	4-23-037: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0160	256	4-23-037: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)

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LEASE	HECTARES	LAND DESCRIPTION	
A0161	256	4-23-037: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)
A0162	128	5-03-037: 4E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE TURNER VALLEY FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE PEKISKO FM	(DRRZD 4) (DRRZD 28) (DRRZD 30)
A0163	256	TRACT ONE 5-04-037: 4S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE JURASSIC SYSTEM EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(DRRZD 6) (DRRZD 90) (ZD 275)
		TRACT TWO 5-04-037: 4N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE LOWER MANNVILLE FM TO THE BASE OF THE JURASSIC SYSTEM EXCEPTING PETROLEUM IN THE ROCK CREEK MBR	(ZD 275) (DRRZD 90) (DRRZD 60)
A0164	256	5-04-037: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM TO THE BASE OF THE JURASSIC SYSTEM EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE FM	(DRRZD 6) (DRRZD 90) (ZD 275)
A0165	128	5-04-038: 11N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0166	48	4-05-048: 25L9-L11 PETROLEUM AND NATURAL GAS	
A0167	256	4-05-049: 29 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0168	64	4-26-049: 18SW PETROLEUM AND NATURAL GAS	
A0169	64	TRACT ONE 4-02-050: 14L5, L11 PETROLEUM AND NATURAL GAS	
		TRACT TWO 4-02-050: 14L2, L8 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
A0170	128	4-03-050: 4E PETROLEUM AND NATURAL GAS	
A0171	128	4-03-050: 4W PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION
--- NORTHERN REGION ---		
A0172	128	5-06-035: 35S NATURAL GAS IN THE VIKING FM (ZD 220) PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BEAVERHILL LAKE GRP (DRRZD 5)
A0173	128	5-05-036: 11N NATURAL GAS IN THE LOWER MANNVILLE&JURASSIC (ZD 381-2) PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP (DRRZD 4) EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE&JURASSIC (ZD 381-2)
A0174	64	5-05-036: 26NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SECOND WHITE SPECKS (DRRZD 13) TO THE BASE OF THE JURASSIC SYSTEM (DRRZD 90) EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS (ZD 381-2) EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE&JURASSIC (ZD 381-2)
A0175	128	5-05-036: 32E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE VIKING FM (DRRZD 6) TO THE BASE OF THE JURASSIC SYSTEM (DRRZD 90) EXCEPTING NATURAL GAS IN THE GLAUCONITIC SS (ZD 381-2) EXCEPTING NATURAL GAS IN THE LOWER MANNVILLE&JURASSIC (ZD 381-2)
A0176	256	5-06-036: 36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM (DRRZD 3)
A0177	128	5-05-037: 4E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR (DRRZD 60) TO THE BASE OF THE NORDEGG MBR (DRRZD 66)
A0178	128	5-05-043: 27E PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP (DRRZD 4)
A0179	256	5-06-043: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM (DRRZD 6)
A0180	256	5-07-044: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR (DRRZD 66)

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LEASE	HECTARES	LAND DESCRIPTION	
A0181	256	TRACT ONE 5-09-044: 34N PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR EXCEPTING NATURAL GAS IN THE CARDIUM FM	(DRRZD 66) (ZD 3156)
		TRACT TWO 5-09-044: 34S PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0182	256	5-07-045: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0183	256	5-07-045: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0184	256	5-07-045: 3 PETROLEUM AND NATURAL GAS TO THE BASE OF THE EDMONTON GRP	(DRRZD 280)
A0185	256	5-07-045: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0186	256	5-09-045: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE NORDEGG MBR	(IR2000201) (PDR001001) (DRRZD 39) (DRRZD 66)
A0187	128	5-15-046: 15S PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)
A0188	256	5-15-046: 21 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0189	256	5-10-047: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE MANNVILLE GRP TO THE BASE OF THE NISKU FM	(DRRZD 4) (DRRZD 79)
A0190	256	5-10-047: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE ROCK CREEK MBR TO THE BASE OF THE NISKU FM	(DRRZD 60) (DRRZD 79)
A0191	128	5-15-048: 1E PETROLEUM AND NATURAL GAS TO THE BASE OF THE BELLY RIVER GRP	(DRRZD 39)

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LEASE	HECTARES	LAND DESCRIPTION	
A0192	64	5-15-048: 1SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLY RIVER GRP TO THE BASE OF THE ROCK CREEK MBR PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE NORDEGG MBR TO THE BASE OF THE WABAMUN GRP	(DRRZD 39) (DRRZD 60) (DRRZD 66) (DRRZD 277)
A0193	256	5-07-049: 2 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(IR3000201) (PRA020101) (DRRZD 3) (DRRZD 90)
A0194	256	5-07-049: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0195	64	5-07-049: 6NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0196	256	5-07-049: 11 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(PRA020101) (PRP009301) (DRRZD 3) (DRRZD 90)
A0197	256	5-07-049: 12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0198	256	5-07-049: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(PRP009301) (SMP001801) (DRRZD 3) (DRRZD 90)
A0199	256	5-07-049: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE NORDEGG MBR	(DRRZD 3) (DRRZD 66)
A0200	192	5-07-049: 22S;23SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)
A0201	128	5-08-049: 3N PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0202	256	5-08-049: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE JURASSIC SYSTEM	(DRRZD 3) (DRRZD 90)

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LEASE	HECTARES	LAND DESCRIPTION	
A0203	64	5-08-049: 9SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0204	128	5-08-049: 10W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0205	256	5-07-050: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0206	256	5-08-050: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
A0207	256	TRACT ONE 5-08-050: 9E PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
		TRACT TWO 5-08-050: 9W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0208	256	TRACT ONE 5-08-050: 10SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE ROCK CREEK MBR	(DRRZD 3) (DRRZD 60)
		TRACT TWO 5-08-050: 10N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM TO THE BASE OF THE MANNVILLE GRP	(DRRZD 3) (DRRZD 4)
A0209	256	5-14-056: 22 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(TSH003301) (DRRZD 3)
A0210	256	5-14-056: 27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(TSH003301) (DRRZD 3)
A0211	256	5-14-056: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CARDIUM FM	(TSH003301) (DRRZD 3)
A0212	256	5-18-065: 13 PETROLEUM AND NATURAL GAS TO THE BASE OF THE TRIASSIC SYSTEM	(TSH003301) (DRRZD 37)
A0213	64	6-03-065: 18NW PETROLEUM AND NATURAL GAS	

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LEASE	HECTARES	LAND DESCRIPTION	
A0214	256	6-08-065: 2 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0215	256	6-08-065: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0216	256	6-09-066: 30 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(DRRZD 276)
A0217	256	6-09-066: 34 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
A0218	256	6-10-066: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE FERNIE GRP	(DRRZD 276)
A0219	256	6-03-068: 7 PETROLEUM AND NATURAL GAS TO THE BASE OF THE PEACE RIVER FM	(DRRZD 40)
A0220	64	6-05-069: 16NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
A0221	512		(PNA020401) (SIP000102) (TSH003301)
		6-05-070: 26;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)
A0222	512		(PNA020401) (SIP000102) (TSH003301)
		TRACT ONE 6-05-070: 26N,SW;27 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE WINTERBURN GRP	(DRRZD 247) (DRRZD 80)
		TRACT TWO 6-05-070: 26SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM TO THE BASE OF THE WINTERBURN GRP	(DRRZD 246) (DRRZD 80)
A0223	512		(PNA020401) (TSH003301)
		6-05-070: 34;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM TO THE BASE OF THE WINTERBURN GRP	(DRRZD 247) (DRRZD 80)
A0224	512		(PNA020401) (TSH003301)
		6-05-070: 34;35 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WINTERBURN GRP	(DRRZD 80)

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LEASE	HECTARES	LAND DESCRIPTION	
A0225	256	6-09-070: 20 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE FERNIE GRP	(TSH003301) (DRRZD 22) (DRRZD 276)
A0226	256	6-08-071: 1 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)
A0227	256	6-08-071: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE FERNIE GRP	(DRRZD 22) (DRRZD 276)
A0228	256	6-08-071: 19 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE HALFWAY FM	(DRRZD 22) (DRRZD 246)
A0229	256	6-08-071: 25 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE HALFWAY FM	(TSH003301) (DRRZD 25) (DRRZD 246)
A0230	64	6-10-075: 16SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
A0231	256	5-21-077: 19 PETROLEUM AND NATURAL GAS	
A0232	256	5-24-085: 15 PETROLEUM AND NATURAL GAS TO THE TOP OF THE TRIASSIC SYSTEM	(ADM001901) (DRRZD 153)
A0233	64	5-09-089: 29SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(ADM011501) (CRG001501) (DRRZD 21)
A0234	256	5-18-091: 4 PETROLEUM AND NATURAL GAS	(ADM011501)
A0235	219.6	6-13-095: 11E,WF PETROLEUM AND NATURAL GAS	(CRG001701)
--- FOOTHILLS REGION ---			
A0236	256	5-10-039: 4 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(DRRZD 6)
A0237	256	5-10-039: 18 PETROLEUM AND NATURAL GAS TO THE BASE OF THE CARDIUM FM	(IR2001401) (DRRZD 3)

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LEASE	HECTARES	LAND DESCRIPTION	
A0238	256	5-11-039: 24 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(IR2000201) (DRRZD 6)
A0239	256	5-11-039: 35 PETROLEUM AND NATURAL GAS TO THE BASE OF THE VIKING FM	(IR2000201) (DRRZD 6)
106	24,971.60	HA TOTALS	END

2014, AUGUST 20

LICENCE	HECTARES	LAND DESCRIPTION	
--- NORTHERN REGION ---			
B0240	896		
	TRACT ONE	5-12-054: 1;2;11N,SE PETROLEUM AND NATURAL GAS TO THE BASE OF THE NORDEGG MBR	(DRRZD 66)
	TRACT TWO	5-12-054: 12S,NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE MANNVILLE GRP	(DRRZD 4)
B0241	512		(ES2000103)
	TRACT ONE	6-01-063: 24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DUNVEGAN FM TO THE BASE OF THE BELLOY FM	(DRRZD 38) (DRRZD 32)
	TRACT TWO	6-01-063: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE BELLOY FM	(DRRZD 22) (DRRZD 32)
B0242	512		(ES2000103)
		6-01-063: 23;24 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BELLOY FM	(DRRZD 32)
B0243	256		(TSH003301)
		5-25-064: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE TRIASSIC SYSTEM	(DRRZD 37)
B0244	256		
		6-08-065: 33 PETROLEUM AND NATURAL GAS TO THE BASE OF THE DUNVEGAN FM	(DRRZD 38)
B0245	256		
		6-01-067: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE BANFF FM	(DRRZD 21) (DRRZD 255)
B0246	256		
		6-01-067: 21 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BANFF FM	(DRRZD 255)
B0247	512		
		6-09-069: 34 6-09-070: 3 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM	(DRRZD 22) (DRRZD 251)
B0248	768		
		6-08-070: 7 6-09-070: 11;12 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 22) (DRRZD 247)
B0249	512		(TSH003301)
		6-08-071: 6;9 PETROLEUM AND NATURAL GAS TO THE BASE OF THE SPIRIT RIVER FM	(DRRZD 22)

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LICENCE	HECTARES	LAND DESCRIPTION	
B0250	512		(TSH003301)
	TRACT ONE	6-08-071: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE DOIG FM	(DRRZD 22) (DRRZD 251)
	TRACT TWO	6-08-071: 6 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 22) (DRRZD 247)
B0251	512	6-07-072: 27;33 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(TSH003301) (DRRZD 246)
B0252	1280		(TSH003301)
	TRACT ONE	6-07-073: 10E PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-07-073: 9S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE FERNIE GRP TO THE BASE OF THE CHARLIE LAKE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 276) (DRRZD 247) (DRRZD 246)
	TRACT THREE	6-07-073: 10W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
	TRACT FOUR	6-07-072: 32 6-07-073: 4;5;9NE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0253	512	6-09-073: 18 6-10-073: 23 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE FERNIE GRP	(TSH003301) (DRRZD 22) (DRRZD 276)
B0254	512		
	TRACT ONE	6-10-073: 4 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE SPIRIT RIVER FM TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 22) (DRRZD 247)
	TRACT TWO	6-10-073: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD TO THE BASE OF THE FERNIE GRP	(DRRZD 21) (DRRZD 276)
B0255	512		
	TRACT ONE	6-11-075: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE HALFWAY FM	(DRRZD 25) (DRRZD 246)
	TRACT TWO	6-11-075: 9 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE CHARLIE LAKE FM	(DRRZD 25) (DRRZD 247)

2014, AUGUST 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0256	512		
	TRACT ONE	6-11-075: 17 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE DOIG FM	(DRRZD 25) (DRRZD 251)
	TRACT TWO	6-11-075: 16 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR TO THE BASE OF THE HALFWAY FM	(DRRZD 25) (DRRZD 246)
B0257	3328		
	TRACT ONE	6-04-076: 4-7;11;15-20 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-04-076: 10NE PETROLEUM AND NATURAL GAS TO THE BASE OF THE DOIG FM	(DRRZD 251)
	TRACT THREE	6-04-076: 9;10S,NW PETROLEUM AND NATURAL GAS TO THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0258	2658.392		
	TRACT ONE	6-04-078: 2;4N,SWP,L7,L8;5;8-11;20;29 PORTION(S) DESCRIBED AS RAILWAY RIGHT OF WAY AS SHOWN ON PLAN 4720BV. PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-04-077: 35N,SW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	6-04-078: 15 PETROLEUM AND NATURAL GAS TO THE BASE OF THE MONTNEY FM	(DRRZD 264)
B0259	512		
		6-08-077: 2;10 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0260	1280		
	TRACT ONE	6-08-077: 32;33 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-08-077: 28 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
	TRACT THREE	6-08-077: 30;31 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0261	512		(TSH003301)
		6-09-077: 21;29 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)

2014, AUGUST 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0262	2304		
	TRACT ONE	6-09-077: 22S PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE HALFWAY FM	(ZD 3263)
	TRACT TWO	6-09-077: 25;26N PETROLEUM AND NATURAL GAS EXCEPTING NATURAL GAS IN THE CADOTTE MBR EXCEPTING NATURAL GAS IN THE CADOMIN FM EXCEPTING NATURAL GAS IN THE HALFWAY FM	(ZD 3263) (ZD 3263) (ZD 3263)
	TRACT THREE	6-09-077: 22N;23;24;26S;27;34-36 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0263	640		
	TRACT ONE	6-08-078: 5;8 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-08-078: 17W PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHARLIE LAKE FM	(DRRZD 247)
B0264	1536		(TSH003301)
	TRACT ONE	6-09-078: 16 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-09-078: 10SW PETROLEUM AND NATURAL GAS TO THE BASE OF THE CHARLIE LAKE FM PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 247) (DRRZD 246)
	TRACT THREE	6-09-078: 1 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE DOE CREEK MBR	(DRRZD 25)
	TRACT FOUR	6-09-078: 2;3;10N,SE;15 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0265	512		(TSH003301)
	TRACT ONE	6-09-078: 33NE PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-09-078: 27;33S,NW PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE HALFWAY FM	(DRRZD 246)
B0266	256		(WPP000901)
		6-07-081: 31 PETROLEUM AND NATURAL GAS TO THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)
B0267	768		
	TRACT ONE	6-09-086: 19N,SW;20;30 PETROLEUM AND NATURAL GAS	
	TRACT TWO	6-09-086: 19SE PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE WABAMUN GRP	(DRRZD 277)

2014, AUGUST 20

LICENCE	HECTARES	LAND DESCRIPTION	
B0268	448		(ADM011501)
	TRACT ONE	5-10-091: 11N, SE PETROLEUM AND NATURAL GAS	
	TRACT TWO	5-10-091: 14 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE BLUESKY-BULLHEAD	(DRRZD 21)

--- Foothills Region ---			
B0269	512		(CRG002101)
		6-07-061: 32 6-07-062: 5 PETROLEUM AND NATURAL GAS BELOW THE BASE OF THE CHINOOK MBR TO THE BASE OF THE FERNIE GRP	(DRRZD 77) (DRRZD 276)

30	24,354.39	HA TOTALS	END

ZONE DESIGNATIONS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

ZD: 220 ZONE: 2140 VIKING FM

INTERVAL: 8,070.00 - 8,235.00 FEET
KEY WELL: 00/06-16-035-05W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 275 ZONE: 3100 LOWER MANNVILLE FM

INTERVAL: 7,695.00 - 7,910.00 FEET
KEY WELL: 00/02-33-036-04W5/0
LOG TYPE: INDUCTION ELECTRIC

ZD: 381-2 ZONE: 3000 GLAUCONITIC SS

INTERVAL: 7,896.00 - 7,918.00 FEET
KEY WELL: 00/07-07-036-04W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

 ZONE: 3106 LOWER MANNVILLE&JURASSIC

INTERVAL: 7,974.00 - 8,205.00 FEET
KEY WELL: 00/07-07-036-04W5/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

ZD: 3156 ZONE: 1700 CARDIUM FM

INTERVAL: 6,040.00 - 6,182.00 FEET
KEY WELL: 00/10-33-044-09W5/0
LOG TYPE: DUAL INDUCTION GUARD

ZD: 3263 ZONE: 2320 CADOTTE MBR

INTERVAL: 3,776.00 - 3,906.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 3480 CADOMIN FM

INTERVAL: 5,544.00 - 5,598.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

 ZONE: 5160 HALFWAY FM

INTERVAL: 6,336.00 - 6,378.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

END

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

DRRZD: 3 ZONE: 1700 CARDIUM FM

INTERVAL: 6,303.00 - 6,436.00 FEET
KEY WELL: 00/16-16-041-06W5/0
LOG TYPE: ELECTRICAL

DRRZD: 4 ZONE: 2480 MANNVILLE GRP

INTERVAL: 2,557.00 - 2,985.00 FEET
KEY WELL: 00/06-16-041-08W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 5 ZONE: 7440 BEAVERHILL LAKE GRP

INTERVAL: 8,645.00 - 9,118.00 FEET
KEY WELL: 00/10-22-068-11W5/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 6 ZONE: 2140 VIKING FM

INTERVAL: 2,600.00 - 2,680.00 FEET
KEY WELL: 00/10-10-042-14W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 8 ZONE: 2130 BOW ISLAND SD

INTERVAL: 2,140.00 - 2,472.00 FEET
KEY WELL: 00/11-31-011-10W4/0
LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 13 ZONE: 1860 SECOND WHITE SPECKS

INTERVAL: 1,820.00 - 2,030.00 FEET
KEY WELL: 00/10-17-014-09W4/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 20 ZONE: 4280 SAWTOOTH FM

INTERVAL: 3,109.00 - 3,176.00 FEET
KEY WELL: 00/10-02-006-14W4/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 21 ZONE: 3052 BLUESKY-BULLHEAD

INTERVAL: 2,754.00 - 3,043.00 FEET
KEY WELL: 00/10-32-081-01W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 22 ZONE: 2640 SPIRIT RIVER FM

INTERVAL: 2,004.00 - 3,138.00 FEET
KEY WELL: 00/11-03-078-01W6/0
LOG TYPE: INDUCTION ELECTRIC

DRRZD: 25 ZONE: 1900 DOE CREEK MBR

INTERVAL: 2,330.00 - 2,393.00 FEET
KEY WELL: 00/07-04-075-10W6/0
LOG TYPE: DUAL INDUCTION-LATEROLOG

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

DRRZD: 28 ZONE: 6300 TURNER VALLEY FM

 INTERVAL: 5,817.00 - 6,172.00 FEET
 KEY WELL: 00/08-30-019-02W5/0
 LOG TYPE: GAMMA RAY NEUTRON

AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL
CONTINUITY
WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL
AND WHICH OCCUR IN
WHOLE OR IN PART WITHIN ANY OTHER FAULT
BLOCK.

DRRZD: 30 ZONE: 6420 PEKISKO FM

 INTERVAL: 9,232.00 - 9,390.00 FEET
 KEY WELL: 00/07-13-033-05W5/0
 LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 32 ZONE: 5560 BELLOY FM

 INTERVAL: 2,883.00 - 3,105.00 FEET
 KEY WELL: 00/10-24-078-19W5/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 37 ZONE: 5000 TRIASSIC SYSTEM

 INTERVAL: 6,948.00 - 7,042.00 FEET
 KEY WELL: 00/10-07-062-19W5/0
 LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 38 ZONE: 1920 DUNVEGAN FM

 INTERVAL: 2,566.00 - 3,038.00 FEET
 KEY WELL: 00/11-04-074-05W6/0
 LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 39 ZONE: 1260 BELLY RIVER GRP

 INTERVAL: 1,688.00 - 2,453.00 FEET
 KEY WELL: 00/07-18-032-22W4/0
 LOG TYPE: INDUCTION ELECTRICAL

DRRZD: 40 ZONE: 2280 PEACE RIVER FM

 INTERVAL: 3,760.00 - 4,008.00 FEET
 KEY WELL: 00/07-09-076-08W6/0
 LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 60 ZONE: 4320 ROCK CREEK MBR

 INTERVAL: 2,502.50 - 2,531.50 METRES
 KEY WELL: 00/10-35-049-13W5/2
 LOG TYPE: DUAL LATEROLOG

DRRZD: 66 ZONE: 4440 NORDEGG MBR

 INTERVAL: 5,610.00 - 5,670.00 FEET
 KEY WELL: 00/10-12-055-09W5/0
 LOG TYPE: COMPENSATED NEUTRON-FORMATION DENSITY

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

DRRZD: 77 ZONE: 1540 CHINOOK MBR

INTERVAL: 4,532.00 - 4,656.00 FEET
KEY WELL: 00/11-27-064-09W6/0
LOG TYPE: DUAL INDUCTION FOCUSED

DRRZD: 79 ZONE: 6960 NISKU FM

INTERVAL: 8,324.00 - 8,730.00 FEET
KEY WELL: 00/06-25-050-10W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 80 ZONE: 6700 WINTERBURN GRP

INTERVAL: 8,452.00 - 8,914.00 FEET
KEY WELL: 00/10-07-060-17W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 90 ZONE: 4000 JURASSIC SYSTEM

INTERVAL: 7,052.00 - 7,148.00 FEET
KEY WELL: 00/06-29-039-03W5/0
LOG TYPE: INDUCTION ELECTROLOG

DRRZD: 153 ZONE: 5000 TRIASSIC SYSTEM

INTERVAL: 2,573.00 - 2,707.00 FEET
KEY WELL: 00/07-16-083-23W5/2
LOG TYPE: DUAL INDUCTION-LATEROLOG

DRRZD: 236 ZONE: 6280 LIVINGSTONE FM

INTERVAL: 971.00 - 1,108.00 METRES
KEY WELL: 00/08-20-014-15W4/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 246 ZONE: 5160 HALFWAY FM

INTERVAL: 6,344.00 - 6,402.00 FEET
KEY WELL: 00/11-18-077-08W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 247 ZONE: 5080 CHARLIE LAKE FM

INTERVAL: 2,372.00 - 2,448.50 METRES
KEY WELL: 00/10-19-068-06W6/0
LOG TYPE: DUAL INDUCTION SFL

DRRZD: 251 ZONE: 5200 DOIG FM

INTERVAL: 1,770.00 - 1,853.00 METRES
KEY WELL: 00/03-22-078-10W6/0
LOG TYPE: DUAL INDUCTION SPHERICALLY FOCUSED

DRRZD: 255 ZONE: 6440 BANFF FM

INTERVAL: 2,690.00 - 2,892.00 METRES
KEY WELL: 00/01-18-066-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DEEPER RIGHTS REVERSION ZONE DESIGNATIONS

APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

DRRZD: 264 ZONE: 5240 MONTNEY FM
INTERVAL: 2,229.00 - 2,491.50 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: 2,048.00 - 2,151.00 METRES
KEY WELL: 00/13-01-074-11W6/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 277 ZONE: 6580 WABAMUN GRP
INTERVAL: 10,452.00 - 11,198.00 FEET
KEY WELL: 00/03-10-063-26W5/0
LOG TYPE: BOREHOLE COMPENSATED SONIC

DRRZD: 280 ZONE: 1060 EDMONTON GRP
INTERVAL: 335.00 - 962.00 METRES
KEY WELL: 00/06-24-044-04W5/0
LOG TYPE: COMPENSATED NEUTRON-LITHO DENSITY

END

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

ADM001901

LEASE A0232

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:

DAVID WHEELER
 MANAGER
 ALBERTA DEPARTMENT OF ENERGY
 9945 108 ST
 EDMONTON AB T5K 2G6 (780) 644-3619

ADM011501

LEASE A0233
 LEASE A0234
 LICENCE B0268

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:

DAVID WHEELER
 MANAGER
 ALBERTA DEPARTMENT OF ENERGY
 9945 108 ST
 EDMONTON AB T5K 2G6 (780) 644-3619

CRG001501

LEASE A0233

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

APPENDIX 3

PAGE 2

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

CRG001701

LEASE A0235

ALL LAND(S) IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

CRG002101

LAND DESCRIPTION

LICENCE B0269 6-07-061: 32SP,NWP

IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR ' WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

ES2000103

LAND DESCRIPTION

LICENCE B0241 6-01-063: 23S,NP;24S,NP
LICENCE B0242 6-01-063: 23S,NP;24S,NP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) AS DESCRIBED IN "A POLICY FOR RESOURCE MANAGEMENT OF THE EASTERN SLOPES".

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

GZR001401

LAND DESCRIPTION

LEASE A0178 5-05-043: 27SE,NEP
LEASE A0179 5-06-043: 21E

IS/ARE WITHIN A GRAZING RESERVE.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

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

IR2000201 LAND DESCRIPTION
LEASE A0186 5-09-045: 12NP,SEP
LEASE A0238 5-11-039: 24NEP
LEASE A0239 5-11-039: 35P

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

IR2001401 LAND DESCRIPTION
LEASE A0237 5-10-039: 18NP,SWP

IS/ARE WITHIN ZONE 2 (CRITICAL WILDLIFE) OF THE NORDEGG-RED DEER RIVER 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

IR3000201 LAND DESCRIPTION
LEASE A0193 5-07-049: 2L8,L9

IS/ARE WITHIN THE ROCKY-NORTH SASKATCHEWAN INTEGRATED RESOURCE PLAN.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

MYLES JENSEN
DISTRICT CONSERVATION OFFICER
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PARKS AND PROTECTED AREAS
4919 51 ST FLOOR 1
ROCKY MOUNTAIN HOUSE AB T4T 1B5 (403) 845-8245

PDR000201 LAND DESCRIPTION
LEASE A0145 4-25-015: 6L16P

IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

OWEN GIBSON
LAND & CONTRACT MANAGEMENT
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
SOUTHERN REGION
OPERATIONS
200 5 AVE S FLOOR 2
LETHBRIDGE AB T1J 4L1 (403) 381-5298

PDR001001 LAND DESCRIPTION
LEASE A0186 5-09-045: 12NEP,L8P,L14P

IS/ARE WITHIN A PROPOSED DAMSITE AND RESERVOIR. NO ACTIVITY WILL BE PERMITTED BELOW THE TOP OF DAM ELEVATION OR THE FULL SUPPLY LEVEL OF THE RESERVOIR.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

ROBERT SHORTEN
LAND MANAGMENT TECHNOLOGIST
ENVIRONMENT AND WATER, DEPARTMENT OF
REGIONAL DIRECTOR
WATER MANAGEMENT OPERATIONS
4920 51 ST SUITE 304
RED DEER AB T4N 6K8 (403) 340-7134

PNA020401 LAND DESCRIPTION
LEASE A0221 6-05-070: 26;27N
LEASE A0222 6-05-070: 26;27N
LEASE A0223
LEASE A0224

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
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

PRA020101 LAND DESCRIPTION
LEASE A0193 5-07-049: 2S,NWP,NE
LEASE A0196 5-07-049: 11SP

IS/ARE WITHIN A PROVINCIAL RECREATION AREA.

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
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

PRP009301 LAND DESCRIPTION
LEASE A0196 5-07-049: 11SP,NW,NEP
LEASE A0198 5-07-049: 14L1,L2S,L3E,L3WP,L6SESW,L6SENW,L6SWP,L6NEP,
L8SE,L10SWNW,L10NWSW,L10NWNW,L11EP,L14SEP,
L15W

IS/ARE WITHIN A PROVINCIAL PARK.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:
DEBORAH JOHNSTONE
PLANNING AND LAND USE TECHNOLOGIST
TOURISM, PARKS AND RECREATION
PARKS AND PROTECTED AREAS
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

SHA005201 LAND DESCRIPTION
LEASE A0134 4-08-001: 7SW
LEASE A0135 4-09-001: 4W;9W
LEASE A0136 4-09-001: 7E;18

IS/ARE WITHIN A SENSITIVE HABITAT AREA.

SURFACE ACCESS IS NOT PERMITTED

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

SHA005701
LEASE A0134
LEASE A0135
LEASE A0136

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

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:
JOEL NICHOLSON
SENIOR SPECIES AT RISK BIOLOGIST
MEDICINE HAT OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
346 3 ST SE ROOM 301
MEDICINE HAT AB T1A 0G7 (403) 528-5202

SIP000102 LAND DESCRIPTION
LEASE A0221 6-05-070: 27S
LEASE A0222 6-05-070: 27S

IS/ARE WITHIN WAPITI-SAND DUNES LAND-USE ZONES.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

APPENDIX 3

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ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

FOR FURTHER INFORMATION, PLEASE CONTACT:

JEFF HARTLEY
PUBLIC LANDS OFFICER
GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT-LANDS DIVISION DEPT. OF SUSTAINABLE
RESOURCE DEV
10320 99 ST ROOM 2201
PO BOX 14
GRANDE PRAIRIE AB T8V 6J4 (780) 538-8080

SMP001801 LAND DESCRIPTION
LEASE A0198 5-07-049: 14L2N, L6SESE, L6SENE, L7, L8N, L8SW, L9, L10E,
L10SWSE, L10SWSW, L10SWNE, L10NWSE, L10NWNE,
L15E, L16

IS/ARE WITHIN AN AREA OF SURFACE MATERIALS POTENTIAL.

SURFACE ACCESS IS NOT PERMITTED

FOR FURTHER INFORMATION, PLEASE CONTACT:

BRUCE BLUE
AGGREGATES ADMINISTRATOR
TRANSPORTATION
CONSTRUCTION ENGINEER
TRANSPORATION AND CIVIL ENGINEERING
TECHNICAL STANDARDS BRANCH
SURFACE ENGINEERING & AGGREGATES
4999 98 AVE NW FLOOR 2
EDMONTON AB T6B 2X3 (780) 415-1389

TSH003301 LAND DESCRIPTION
LEASE A0209 5-14-056: 22NP
LEASE A0210 5-14-056: 27S, NW, NEP
LEASE A0211
LEASE A0212 5-18-065: 13NWP
LEASE A0221 6-05-070: 26NWP; 27NP
LEASE A0222 6-05-070: 26NWP; 27NP
LEASE A0223 6-05-070: 34NP, SE, SWP; 35P
LEASE A0224 6-05-070: 34NP, SE, SWP; 35P
LEASE A0225 6-09-070: 20NP
LEASE A0229 6-08-071: 25NP
LICENCE B0243 5-25-064: 21NWP
LICENCE B0249 6-08-071: 9NEP
LICENCE B0250 6-08-071: 9NEP
LICENCE B0251 6-07-072: 27; 33S, NW, NEP
LICENCE B0252 6-07-072: 32
6-07-073: 4SP; 5NP, SEP, SW
LICENCE B0253 6-10-073: 23NWP
LICENCE B0261 6-09-077: 21SP
LICENCE B0264 6-09-078: 2NP; 3NEP; 10EP; 15EP
LICENCE B0265 6-09-078: 27SWP

IS/ARE WITHIN AN IMPORTANT TRUMPETER SWAN HABITAT. SPECIFIC AREA BIOLOGIST CONTACT INFORMATION CAN BE FOUND AT WWW.SRD.ALBERTA.CA AND THEN SEARCHING FOR 'WILDLIFE MANAGEMENT AREA CONTACTS'.

SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS

FOR FURTHER INFORMATION, PLEASE CONTACT:

DAVE STEPNIISKY
WILDLIFE HABITAT SPECIALIST
EDMONTON OFFICE - FISH AND WILDLIFE DEPT. OF SUSTAINABLE RESOURCE DEV
9920 108 ST NW FLOOR 2
EDMONTON AB T5K 2M4 (780) 427-3029

ADDENDA AND CONTACTS APPLICABLE TO THE 2014, AUGUST 20 PUBLIC OFFERING NOTICE

WPP000901 LAND DESCRIPTION
LICENCE B0266 6-07-081: 31SW

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
PARKS AND PROTECTED AREAS
POLICY AND LAND USE PLANNING
SECTION
9820 106 ST NW FLOOR 2
EDMONTON AB T5K 2J6 (780) 644-5357

END