

I hereby certify this to be a true copy of the original Order of which it purports to be a copy.

COURT FILE NUMBER	25-2332583 25-2332610 25-2332581	Clerk's Stamp 18 day of Jan, 2019 Registrar at Calgary Court of Queen's Bench of Alberta
COURT	COURT OF QUEEN'S BENCH OF ALBERTA	
JUDICIAL CENTRE	CALGARY	
PROCEEDING	IN THE MATTER OF THE NOTICE OF INTENTION TO MAKE A PROPOSAL OF MANITOK ENERGY INC. IN THE MATTER OF THE NOTICE OF INTENTION TO MAKE A PROPOSAL OF RAIMOUNT ENERGY CORP. IN THE MATTER OF THE NOTICE OF INTENTION TO MAKE A PROPOSAL OF CORINTHIAN OIL CORP.	
APPLICANT	ALVAREZ & MARSAL CANADA INC., IN ITS CAPACITY AS THE COURT-APPOINTED RECEIVER AND MANAGER OF MANITOK ENERGY INC. AND RAIMOUNT ENERGY CORP	
DOCUMENT	APPROVAL AND VESTING ORDER (Sale by Receiver)	
ADDRESS FOR SERVICE AND CONTACT INFORMATION OF PARTY FILING THIS DOCUMENT	Norton Rose Fulbright Canada LLP 3700, 400 - 3rd Avenue S.W. Calgary AB T2P 4H2 Telephone (403) 267-8144 / (403) 267-8193 Facsimile (403) 264-5973 File No. 1001023920 Attention: Howard Gorman Q.C. / Aaron Stephenson	



DATE ON WHICH ORDER WAS PRONOUNCED: January 18, 2019

LOCATION WHERE ORDER WAS PRONOUNCED: Calgary Courts Centre

NAME OF JUSTICE WHO MADE THIS ORDER: The Honourable Madam Justice B.E.C. Romaine

UPON THE APPLICATION by Alvarez & Marsal Canada Inc., in its capacity as the Court-appointed receiver and manager (the "Receiver") of the assets, undertakings and properties of Manito Energy Inc. (the "Debtor") for an order approving the sale transaction (the "Transaction") contemplated by a purchase and sale agreement dated November 23, 2018, as amended by agreement dated December 14, 2018 (the "Purchase and Sale Agreement") between the Receiver as vendor and Tantalus Energy Corp. as purchaser (the "Purchaser"), which Purchase and Sale Agreement is appended in redacted form as Appendix A to the Sixth Report of the Receiver dated January 7, 2019 (the "Report"), and in unredacted form as Confidential Appendix 2 to the Report

(the "**Confidential Addendum**"), and vesting in the Purchaser the Debtor's right, title and interest in and to the Purchased Assets (as defined below);

AND UPON HAVING READ the order appointing the Receiver dated February 20, 2018 (the "**Receivership Order**"), the Application of the Receiver, filed, the Report, filed, the Confidential Addendum, filed, and other materials filed in the within proceedings; **AND UPON HAVING READ** the Affidavit of Service of Calvin Jim, sworn January 18, 2019, filed; **AND UPON REVIEWING** the Affidavits of Tom Zuorro, filed September 11, 2018 and January 14, 2019; **AND UPON REVIEWING** the Affidavit of Dale R. Percy, filed; **AND UPON HEARING** the submissions of counsel for the Receiver, National Bank of Canada, the Purchaser, the Alberta Energy Regulator ("**AER**"), Ember Resources Ltd. ("**Ember**"), PrairieSky Royalty Ltd. ("**PrairieSky**"), and any other parties present; **AND UPON NOTING** no one appearing for any other person on the service list;

IT IS HEREBY ORDERED AND DECLARED THAT:

SERVICE AND DEFINED TERMS

1. All capitalized terms in this Order and the Appendices that are not otherwise defined herein shall have the meaning ascribed to them in the Purchase and Sale Agreement. Additionally, "**Ember Payable**" means those post-receivership amounts claimed by Ember in connection with the gas handling and gas operating agreements, as described in the Affidavit of Tom Zuorro filed in these proceedings on January 14, 2019.
2. Service of notice of this application and supporting materials is hereby declared to be good and sufficient, and no other person is required to have been served with notice of this application, and time for service of this application is abridged to that actually given.

APPROVAL OF TRANSACTIONS

3. The Transaction and Purchase and Sale Agreement are hereby approved, and the execution of the Purchase and Sale Agreement by the Receiver is hereby approved. The Receiver is hereby authorized and directed to take such additional steps and execute such additional documents as may be necessary or desirable for the completion of the Transaction or for the conveyance of the Purchased Assets (as defined below) to the Purchaser.

VESTING OF PROPERTY

4. Subject to paragraphs 5 to 9 of this Order, upon the delivery of a Receiver's certificate to the Purchaser substantially in the form set out in **Schedule "A"** hereto (the "**Receiver's Certificate**"), subject to approval of the transfer of applicable licenses, permits and approvals by AER, and to the permitted encumbrances, caveats, easements and restrictive covenants listed on **Schedule "B"** hereto (the "**Permitted Encumbrances**"), all of the Debtor's right, title and interest in and to the assets described in the Purchase and Sale Agreement and listed on

Schedule "C" hereto (collectively, the "**Purchased Assets**"), and the Assigned Contracts (as defined in the Purchase and Sale Agreement), shall vest absolutely in the name of the Purchaser, free and clear of and from any and all security interests (whether contractual, statutory, or otherwise), hypothecs, caveats, mortgages, trusts or deemed trusts (whether contractual, statutory, or otherwise), liens, executions, levies, charges, or other financial or monetary claims, assignments, actions, taxes, judgments, writs of execution, disputes, debts, debentures, easements, covenants or other rights, limitations or restrictions of any nature whatsoever including, without limitation, any rights or interests of any creditors of the Debtor, whether or not they have attached or been perfected, registered or filed and whether secured, unsecured or otherwise, whether liquidated, unliquidated or contingent (collectively, the "**Claims**") including, without limiting the generality of the foregoing:

- (a) any encumbrances or charges created by the Receivership Order or any other Orders granted in these proceedings;
- (b) all charges, security interests or claims evidenced by registrations pursuant to (i) the *Personal Property Security Act* (Alberta) (the "**PPSA**"); (ii) the *Land Titles Act* (Alberta) (the "**LTA**") and the *Mines and Minerals Act* (Alberta) (the "**MMA**") including without limitation the instruments listed in **Parts 1, 2, and 3** and **4** of **Schedule "D"** hereto; or (iii) any other personal or real property registry system; and
- (c) all other claims other than the Permitted Encumbrances

(all of which are collectively referred to as the "**Encumbrances**"). For greater certainty, this Court orders that all of the Encumbrances affecting or relating to the Purchased Assets, to the extent that they attach to, charge, encumber or affect the Purchased Assets, are hereby expunged, vacated, and ordered removed and discharged as against the Purchased Assets, except for the Permitted Encumbrances and subject to paragraphs 18 and 19 hereof.

5. Notwithstanding paragraph 4 above, to the extent that Ember is determined to have an interest in the Disputed Ember Assets, being for greater certainty the pipeline segments identified in **Schedule "E"** to this Order, such interest shall not be vested out by paragraph 4.

6. Provided that Ember amends and pursues the Ember Application (as defined in paragraph 7) and takes the steps in the Ember Application required in paragraph 7 below, then until a court of competent jurisdiction determines whether Ember has an interest in the Disputed Ember Assets (the period between the completion of the Transaction and such determination being the "**Determination Period**"), the Purchaser shall hold the Disputed Ember Assets in trust for itself and Ember, and shall not do any of the following:

- (a) sell, transfer, encumber or otherwise dispose of the Disputed Ember Assets;
- (b) restrict or terminate the gas flow through the Disputed Ember Assets;

- (c) increase flowing pressures through the Disputed Ember Assets;
- (d) change the flow direction of the Disputed Ember Assets;
- (e) change the gas destination of the Disputed Ember Assets;
- (f) effect physical modifications to the Disputed Ember Assets;
- (g) transfer licenses in respect of the Disputed Ember Assets to any third party;
- (h) discontinue or abandon the Disputed Ember Assets;
- (i) fail to maintain the Disputed Ember Assets; or
- (j) otherwise damage the Disputed Ember Assets,

provided that notwithstanding clauses (a) to (j) above, the Purchaser shall be entitled, acting reasonably and in good faith, to take such steps as it deems necessary in respect of the Disputed Ember Assets to deal with an emergency situation or threat to public safety or the environment, provided that to the extent such steps affect Ember or the Disputed Ember Assets, the Purchaser shall give prompt notice in writing thereof to Ember.

7. Ember shall amend and restate its application to this Court filed in these proceedings on September 11, 2018 (the "**Ember Application**") to add a claim for a declaration relative to the amounts owing in respect of the Ember Payable, which application shall be heard as soon as practicable. Ember, the Purchaser, the Receiver (on behalf of Manitoak), any other party wishing to respond to the Ember Application, or such other party as is necessary to resolve the questions in dispute (each of Ember, the Purchaser, and the Receiver on behalf of Manitoak and such other party being a "**Party**", and more than one Party being the "**Parties**") shall take the following steps by the dates set out below, subject to further Order of this Court or agreement of the Parties:

- (a) by no later than February 1, 2019, Ember shall serve and file the amended and restated Ember Application, together with any additional affidavit evidence it intends to rely upon in the Ember Application;
- (b) by no later than February 15, 2019, each Party other than Ember shall serve and file any (i) cross-application or response to the Ember Application, including any claim for set-off as referred to in paragraph 8 below, (ii) claim-over, cross-claim, or counterclaim as against a Party together with (iii) affidavit evidence or, in the case of the Receiver, a Receiver's Report they intend to rely upon;
- (c) by no later than March 1, 2019, each Party shall have completed all questioning of other Parties' affiants and, in the case of the Receiver, Ember shall have made written requests of the Receiver in relation to questions or clarifications it may have as it pertains to the Receiver's Report;

(d) by no later than March 15, 2019, the Receiver shall have provided responses to any written requests made by Ember in relation to questions or clarifications pertaining to the Receiver's Report;

(e) by no later than April 5, 2019, each of the Parties shall have filed and served filed any briefs that they intend to rely upon; and

(f) by no later than April 18, 2019, each of the Parties shall have served and filed any responses to briefs by any other Party.

If any Party is added to the Ember Application, then the Parties will endeavor to reach an agreement relative to the aforementioned deadlines failing which any Party shall have leave to apply for direction from the Court.

If Ember fails to comply with the time line set out above, provided that the Purchaser has complied with such time periods, the Purchaser shall be at liberty to apply to this Court for an order amending this Order to delete paragraph 6 hereof or provide such other relief as this Court may deem appropriate.

8. Neither the Purchaser nor the Receiver shall settle any issue surrounding the Ember Payable and the Ember Receivable without the written consent of the other. Notwithstanding any provision in the Purchase and Sale Agreement, Manitok or the Receiver shall be entitled to assert the entitlement to set-off the Ember Receivable against the Ember Payable. The issue of the ability of the Receiver to set-off any amounts owing to Manitok by Ember on account of the Ember Receivable against any amounts owing to Ember on account of the Ember Payable shall be determined in the Ember Application. For greater certainty, Manitok or the Receiver shall be deemed for all purposes to be the beneficial holder of the Ember Receivable for the purpose of asserting set-off in connection with the Ember Payable.

9. Notwithstanding paragraph 4 above, the Disputed PrairieSky Assets, comprising the ten (10) leases as identified on **Schedule "F"** to this Order, shall not vest in the Purchaser until a final determination is made by this Court, or agreement is reached between the Purchaser and PrairieSky, as to whether the Disputed PrairieSky Assets expired pursuant to the lease terms or constitute valid and subsisting leases (the "**Lease Expiration Dispute**"). Until a final determination respecting the Lease Expiration Dispute is made by this Court or agreement reached by PrairieSky and the Purchaser, the Disputed PrairieSky Assets shall not form part of the definition of Purchased Assets pursuant to this Order. The Receiver may but shall not be required to participate in any proceedings respecting the Lease Expiration Dispute. Should this Court make a final determination, or PrairieSky and the Purchaser otherwise agree, that the Disputed PrairieSky Assets did not expire and are in fact valid and subsisting leases, upon the entry of the Court Order or a certificate from the Receiver being filed confirming that PrairieSky and the Purchaser have reached agreement respecting the Lease Expiration Dispute, the Disputed PrairieSky Assets shall vest in accordance with paragraph 4 of this Order and form part of the definition of Purchased Assets pursuant to this Order.

10. The Receiver is hereby authorized and directed to execute for and on behalf of the Debtor all conveyances, assignments, transfers, novations, notices of assignment and other documents necessary or desirable in order to convey, assign and transfer title to the Purchased Assets to the Purchaser and to novate the Purchaser into any contracts, licenses, permits, approvals or authorizations included in the Purchased Assets.

11. For the purposes of determining the nature and priority of Claims, and pending any further or other distribution Order of this Court.

(a) The net proceeds from the sale of the Purchased Assets (to be held in an interest bearing trust account by the Receiver) shall stand in the place and stead of the Purchased Assets, and from and after the delivery of the Receiver's Certificate all Claims and Encumbrances shall attach to the net proceeds from the sale of the Purchased Assets with the same priority as they had with respect to the Purchased Assets immediately prior to the sale, as if the Purchased Assets had not been sold and remained in the possession or control of the person having that possession or control immediately prior to the sale, including without limitation in respect of any amounts or obligations accrued up to the Effective Date under any Crown or freehold mineral leases, surface leases or access rights, royalties, municipal property taxes, linear taxes (in the latter case, to the extent that such taxes would otherwise constitute a Claim against the Assets), or for amounts accrued under Permitted Encumbrances contemplated by paragraphs (xv) and (xix) prior to the Effective Date, and any defaults under any leases, access rights or royalty contracts, up to the Effective Date, shall be deemed, as against the Purchaser and the counterparty thereto, to be cured.

(b) Any party is at liberty to bring a further Application to this Court for an Order determining the priority and the quantum of any Claim, including, without limitation, a determination of the validity and enforceability of any registered or special lien, or the application of any rights of set-off by any party, and on a determination of the disputes relating to a Claim, for an Order to distribute a portion of the net proceeds from the sale of the Purchased Assets in full or partial satisfaction of such Claim.

12. Subject to any Application that may be made to reduce the amount held in trust by the Receiver as contemplated in paragraph 11 hereof, the amount to be so held shall include at least the following with respect to the following contingent or disputed claims:

(a) \$119,093.08 in relation to builders' lien claims filed by Riverside Fuels Ltd. in relation to certain Purchased Assets;

(b) \$462,685.40 in relation to builders' lien claims filed by Prentice Creek Contracting Ltd. in relation to certain Purchased Assets; and

(c) \$3,385,891.04 in relation to unpaid property tax claims, which amount shall include

(i) \$1,625,553.51 which was a holdback amount established by an order, pronounced on February 14, 2018, as amended by a further order pronounced on June 22, 2018; and

(ii) \$1,760,337.53 relating to municipal taxes owing by Manitok in relation to all of its properties.

and for further clarity, this Order is not intended to and does not create, enhance, defeat, alter or amend any party's entitlement to, or any priority of, the disputed or contingent claims set forth in this paragraph 12 or otherwise.

13. The Purchaser shall, by virtue of the completion of the Transaction, have no liability of any kind whatsoever in respect of any Claims against the Debtor.

14. The Debtor and all persons who claim by, through or under the Debtor in respect of the Purchased Assets, save and except for the persons entitled to the benefit of the Permitted Encumbrances, shall stand absolutely barred and foreclosed from all estate, right, title, interest, royalty, rental and equity of redemption of the Purchased Assets and, to the extent that any such persons remains in possession or control of any of the Purchased Assets, they shall forthwith deliver possession thereof to the Purchaser.

15. The Purchaser shall be entitled to enter into and upon, hold and enjoy the Purchased Assets for its own use and benefit without any interference of or by the Debtor, or any person claiming by or through or against the Debtor.

16. Immediately after the closing of the Transaction, the holders of the Permitted Encumbrances shall have no claim whatsoever against the Receiver or the Debtor.

17. The Receiver is to file with the Court a copy of the Receiver's Certificate, forthwith after delivery thereof to the Purchaser.

18. Upon the delivery of the Receiver's Certificate, and upon the filing of a certified copy of this Order, together with any applicable registration fees, the Registrar or Registrars under the LTA, the Department of Energy and the Minister of Energy of Alberta, and all other government ministries and authorities in Alberta, respectively, exercising jurisdiction with respect to or over the Purchased Assets (collectively, the "**Governmental Authorities**"), as applicable, are hereby authorized, requested, and directed to (in each case as applicable):

(a) enter the Purchaser as the owner, lessee, and/or licensee of the Purchased Assets;

- (b) cancel the existing Certificates of Title to the Purchased Assets and issue new Certificates of Title for the Purchased Assets, in the name of the Purchaser;
- (c) delete and expunge from the existing title documents concerning the Purchased Assets all applicable Claims other than Permitted Encumbrances, and the Encumbrances listed at **Parts 4** and **5** of **Schedule "D"** hereof; and
- (d) register such transfers, discharges, discharge statements, or conveyances, as may be required to convey clear title to the Purchased Assets to the Purchaser, subject only to the Permitted Encumbrances, and the Encumbrances listed at **Parts 4** and **5** of **Schedule "D"** hereof.

19. Notwithstanding paragraph 18 hereof, to the extent that an Encumbrance attaches to both Purchased Assets and to other property of the Debtor ("**Other Property**") or does not attach to, charge or encumber the Debtor's interest in the Purchased Assets (such Encumbrance being a "**Non-Competing Encumbrance**"):

- (i) a registration against the Debtor under the PPSA in respect of a Non-Competing Encumbrance shall not be discharged by the applicable Governmental Authority but such Non-Competing Encumbrance shall cease to attach to the Purchased Property and the Purchaser's interest therein;
- (ii) a registration in the LTA of a Non-Competing Encumbrance shall only be discharged, deleted, vacated or expunged by the relevant Governmental Authority as against title to the Purchased Assets, and not as against title to any Other Property; and
- (iii) a security notice or other notice of a Non-Competing Encumbrance registered in the MMA shall only be discharged, deleted, vacated or expunged by the relevant Governmental Authority as against the Purchased Assets and not as against any Other Property,

and for greater certainty, the registrations in respect of the Encumbrances listed at **Parts 4** and **5** of **Schedule "D"** hereto are not to be discharged by this Order.

20. In the case of an Encumbrance listed on **Part 5** of **Schedule "D"** to this Order, any affected party shall be at liberty to apply to this Court for an order that such Encumbrance be discharged, deleted or expunged by the applicable Governmental Authority.

21. Presentment of this Order and the Receiver's Certificate shall be the sole and sufficient authority for the Governmental Authorities to effect the registration of transfers, discharges, discharge statements or conveyances as may be required to convey clear title to the Purchased Assets to the Purchaser.

22. This Order shall be registered and the steps set out in paragraph 14 of this Order shall be carried out by the applicable Registrar and/or Governmental Authorities notwithstanding the requirements of the applicable federal and/or provincial legislation, including the LTA, and notwithstanding that the appeal period in respect of this Order has not elapsed.

23. Pursuant to clause 7(3)(c) of the *Canada Personal Information Protection and Electronic Documents Act* and section 20(e) of the *Alberta Personal Information Protection Act*, the Receiver is authorized and permitted to disclose and transfer to the Purchaser all human resources and payroll information in the Debtor's records pertaining to the Debtor's past and current employees, including personal information of those employees listed in the Purchase and Sale Agreement. The Purchaser (or its nominee) shall maintain and protect the privacy of such information and shall be entitled to use the personal information provided to it in a manner which is in all material respects identical to the prior use of such information by the Debtor.

24. Notwithstanding:

- (a) the pendency of these proceedings; and
- (b) the bankruptcy of the Debtor,

the vesting of the Purchased Assets in the Purchaser pursuant to this Order shall be binding on any trustee in bankruptcy that may be appointed in respect of the Debtor and shall not be void or voidable by creditors of the Debtor, nor shall it constitute nor be deemed to be a settlement, fraudulent preference, assignment, fraudulent conveyance, transfer at undervalue, or other reviewable transaction under the BIA or any other applicable federal or provincial legislation, nor shall it constitute oppressive or unfairly prejudicial conduct pursuant to any applicable federal or provincial legislation.

25. The Receiver, the Purchaser and any other interested party, shall be at liberty to apply for further advice, assistance and directions as may be necessary in order to give full force and effect to the terms of this Order and to assist and aid the parties in closing and implementing the Transaction.

MISCELLANEOUS MATTERS

26. This Court hereby requests the aid and recognition of any court, tribunal, regulatory or administrative body having jurisdiction in Canada or in the United States to give effect to this Order and to assist the Receiver and its agents in carrying out the terms of this Order. All courts, tribunals regulatory and administrative bodies are hereby respectfully requested to make such orders as to provide such assistance to the Receiver, as an officer of this Court, as may be necessary or desirable to give effect to this Order or to assist the Receiver and its agents in carrying out the terms of this Order.

27. This Order must be served only upon those interested parties attending or represented at the within application and service may be effected by facsimile, electronic mail, personal delivery or courier. Service is deemed to be effected the next business day following the transmission or delivery of such documents.

28. Service of this Order on any party not attending this application is hereby dispensed with.

29. Any party affected by this Order may, at any time, apply to this Honourable Court for advice and direction in relation to the discharge of their duties under this Order.

"B.E.C. Romaine"
J.C.Q.B.A.

Schedule "A"

Schedule "A"

Form of Receiver's Certificate

COURT FILE NUMBER	25-2332583 25-2332610 25-2335351	Clerk's Stamp
COURT	COURT OF QUEEN'S BENCH OF ALBERTA	
JUDICIAL CENTRE	CALGARY	
PROCEEDING	IN THE MATTER OF THE NOTICE OF INTENTION TO MAKE A PROPOSAL OF MANITOK ENERGY INC. IN THE MATTER OF THE NOTICE OF INTENTION TO MAKE A PROPOSAL OF RAIMOUNT ENERGY CORP. IN THE MATTER OF THE NOTICE OF INTENTION TO MAKE A PROPOSAL OF CORINTHIAN OIL CORP.	

RECITALS

A. Pursuant to an Order of the Honourable Madam Justice K.M. Horner of the Court of Queen's Bench of Alberta, Judicial District of Calgary (the "**Court**"), dated February 20, 2018, Alvarez & Marsal Canada Inc. was appointed as the receiver and manager (the "**Receiver**") of the assets, undertakings and properties of Manitok Energy Inc. (the "**Debtor**").

B. Pursuant to an Order of the Honourable Madam Justice B.E.C. Romaine of the Court dated January 18, 2019, the Court approved the Transaction and the Purchase and Sale Agreement dated as of November 23, 2018, as amended by agreement dated December 14, 2018 (the "**Purchase and Sale Agreement**") between the Debtor by the Receiver as seller and Tantalus Energy Corp. (the "**Purchaser**") and issued an Order vesting in the Purchaser the Debtor's right, title and interest in and to the Assets (as defined in the Purchase and Sale Agreement), which vesting is to be effective upon the delivery by the Receiver to the Purchaser of a certificate confirming (i) the payment by the Purchaser of the Purchase Price for the Assets; (ii) the conditions to Closing as set out in Sections 3.2, 3.3 and 3.4 of the Purchase and Sale Agreement have been satisfied or waived by the Receiver and the Purchaser; and (iii) the Transaction has been completed to the satisfaction of the Receiver.

C. Unless otherwise indicated herein, terms with initial capitals have the meanings set out in the Purchase and Sale Agreement.

THE RECEIVER CERTIFIES the following:

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1. The Purchaser has paid and the Receiver has received the Purchase Price for the Purchased Assets payable on the Closing Date pursuant to the Purchase and Sale Agreement;
2. The conditions to Closing as set out in Sections 3.2, 3.3 and 3.4 of the Purchase and Sale Agreement have been satisfied or waived by the Receiver and the Purchaser; and
3. The Transaction has been completed to the satisfaction of the Receiver.
4. This Certificate was delivered by the Receiver at [Time] on ●, 2019.

ALVAREZ & MARSAL CANADA INC., in
its capacity as Receiver and Manager of
the assets, undertakings, properties of
Manitok Energy Inc., and not in its
personal capacity
Per:

Name:
Title:

Schedule “B”

Schedule "B"

Permitted Encumbrances

Permitted Encumbrances consist of the following (with capitalized terms having the definitions given to them in the Purchase and Sale Agreement):

- (i) all encumbrances, overriding royalties, net profits interests and other burdens identified in Schedule "A" to the Purchase and Sale Agreement; and Land Charges registered with PPR by PrairieSky under Registration No. 15120408498 on December 4, 2015 and Registration No: 17062710488 on June 27, 2017.
- (ii) any Right of First Refusal or any similar restriction applicable to any of the Assets;
- (iii) the requirement to receive any consent applicable to the Transaction;
- (iv) the terms and conditions of the Title Documents, including the requirement to pay any rentals or royalties to the grantor thereof to maintain the Title Documents in good standing and any royalty or other burden reserved to the grantor thereof or any gross royalty trusts applicable to the grantor's interest in any of the Title Documents;
- (v) the terms and conditions of the Assigned Contracts;
- (vi) the PVR in favour of Freehold;
- (vii) on and after the Closing Date, the terms and conditions of the Freehold GORRs;
- (viii) defects or irregularities of title as to which the relevant statute(s) of limitations or prescription would bar any attack or claim against Vendor's Interest;
- (ix) the right reserved to or vested in any grantor, Governmental Authority or other public authority by the terms of any Title Document or by Applicable Law to terminate any Title Document;
- (x) liens securing taxes not yet due and payable;
- (xi) easements, right of way, servitudes or other similar rights in land, including rights of way and servitudes for highways, railways, sewers, drains, gas and oil pipelines, gas and water mains, electric light, power, telephone or cable television conduits, poles, wires or cables;
- (xii) taxes on Petroleum Substances or the income or revenue therefrom, unless specifically excluded and governmental restrictions on production rates from the Wells or on operations being conducted on the Lands or otherwise affecting the value of any of the Assets;
- (xiii) agreements for the sale, processing, transmission or transportation of Petroleum Substances, which are terminable on not more than thirty (30) days' notice (without an early termination penalty or other cost);
- (xiv) any obligation of Manitoak or Vendor to hold any portion of its interest in and to any of the Assets in trust for Third Parties;
- (xv) the right reserved to or vested in any municipality, Governmental Authority or other public authority to control or regulate any of the Assets in any manner, including any directives or notices received from any municipality, Governmental Authority or other public authority pertaining to the Assets;
- (xvi) undetermined or inchoate liens incurred or created as security in favour of any Person with respect to the development or operation of any of the Assets, as regards Vendor's or Manitoak's share of the costs

and expenses thereof which are not due or delinquent as of the date hereof or, if then due or delinquent are being contested in good faith by Vendor and Vendor holds reasonable reserves in respect thereof to make such payments to the extent required;

- (xvii) the reservations, limitations, provisos and conditions in any grants or transfers from the Crown of any of the Lands or interests therein, and statutory exceptions to title;
- (xviii) agreements and plans relating to pooling or unitization of any of the Petroleum and Natural Gas Rights;
- (xix) provisions for penalties and forfeitures under agreements as a consequence of non-participation in operations;
- (xx) liens granted in the ordinary course of business to a public utility, municipality or Governmental Authority with respect to operations pertaining to any of the Assets for which any required payments are not delinquent as of Closing, or if delinquent are being diligently contested by Vendor and Vendor holds reasonable reserves in respect thereof to make such payments to the extent required; and
- (xxi) a security interest in favour of Rocky Mountain GTL registered in the Personal Property Registry of Alberta as registration number 18013022132 on January 30, 2018 in respect of Carseland Sales Line, license 57939, segment 5 from 16-21-022-25-W4 to 01-29-022-26-W4 and all other tangible depreciable property and assets used, or intended to be used, solely in connection therewith and all property and assets related thereto.

Schedule “C”

THE FOLLOWING COMPRISES SCHEDULE "A" ATTACHED TO AND FORMING PART OF A PURCHASE AND SALE AGREEMENT DATED THE 23RD DAY OF NOVEMBER, 2018 BETWEEN ALVAREZ & MARSAL CANADA INC., solely in its capacity as receiver and manager of MANITOK ENERGY INC., and not in its personal or corporate capacity, and TANTALUS ENERGY CORP.

Lands and Petroleum and Natural Gas Rights

See the attached.

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	May 27, 2014	259.000	Exp:	May 26, 2017	259.000	Ext:	HBP	Net	Gross	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	Status	Exposure			
																		Hectares	Net	Undev:	
M00475	NG	FH	May 27, 2014			May 26, 2017										TWP 22 RGE 25 W4M SEC 10 ALL NG IN VIKING_ZONE	DEVELOPED	259.000	259.000	0.000	
Sub: A	WI												MANITOK						100.00000000	0.000	0.000
ACTIVE	PRAIRIESKY																				
	MANITOK																				
100.00000000	MANITOK												Total Rental: 1295.00								
M00467	PNG	CR	Aug 01, 1982			Jul 31, 1987							MANITOK						100.00000000	0.000	0.000
Sub: A	WI																				
ACTIVE	0482080180																				
	MANITOK																				
100.00000000	MANITOK												Total Rental: 50.00								
M00474	NG	FH	May 27, 2014			May 26, 2017							MANITOK						100.00000000	0.000	0.000
Sub: A	WI																				
ACTIVE	PRAIRIESKY																				
	MANITOK																				
100.00000000	MANITOK												Total Rental: 1288.93								
M00473	NG	FH	May 27, 2014			May 26, 2017							MANITOK						100.00000000	0.000	0.000
Sub: A	WI																				
ACTIVE	PRAIRIESKY																				
	MANITOK																				
100.00000000	MANITOK												Total Rental: 1288.93								
M00473	NG	FH	May 27, 2014			May 26, 2017							MANITOK						100.00000000	0.000	0.000
Sub: A	WI																				
ACTIVE	PRAIRIESKY																				
	MANITOK																				
100.00000000	MANITOK												Total Rental: 1288.93								

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MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

(cont'd)

M00473
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 1295.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M01834 PNG FH Eff: May 01, 2015 64.750 C00009 Q No WI TWP 22 RGE 25 W4M NE 15
 Sub: A WI Exp: Apr 30, 2018 64.750 MANITOK 100.00000000 ALL PETROLEUM FROM TOP OF
 DISPUTE PRAIRIESKY 64.750 MANITOK 178.06 MANNVILLE TO TOP OF
 100.00000000 MANITOK GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M01835 PNG FH Eff: May 01, 2015 64.750 C00009 Q No WI TWP 22 RGE 25 W4M NW 15
 Sub: A WI Exp: Apr 30, 2018 64.750 MANITOK 100.00000000 ALL PETROLEUM FROM TOP
 DISPUTE PRAIRIESKY 64.750 MANITOK 178.06 MANNVILLE TO BASE
 100.00000000 MANITOK GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M01836 PNG FH Eff: May 01, 2015 64.750 C00009 Q No WI TWP 22 RGE 25 W4M NE 16
 Sub: A WI Exp: Apr 30, 2018 64.750 MANITOK 100.00000000 ALL PETROLEUM FROM TOP
 DISPUTE PRAIRIESKY 64.750 MANNVILLE TO BASE

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M01836
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 178.06
 GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M00471 NG FH Eff: May 27, 2014 259.000 WI
 Sub: A WI Exp: May 26, 2017 259.000 MANITOK 100.00000000
 ACTIVE PRAIRIESKY Ext: HBP 259.000
 MANITOK
 100.00000000 MANITOK
 Total Rental: 1295.00
 TWP 22 RGE 25 W4M SEC 17
 ALL NG IN GLAUCONITE_ZONE;
 ALL CBM IN GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M01515 PET FH Eff: Dec 20, 2016 64.750 WI
 Sub: A WI Exp: Dec 19, 2021 64.750 MANITOK 100.00000000
 ACTIVE PRAIRIESKY 64.750
 MANITOK
 100.00000000 MANITOK
 Total Rental: 194.25
 TWP 22 RGE 25 W4M SE 20
 ALL PETROLEUM FROM TOP SURFACE
 TO BASE BASEMENT

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M01516 PET FH Eff: Dec 20, 2016 64.750 WI
 Sub: A WI Exp: Dec 19, 2021 64.750 MANITOK 100.00000000
 ACTIVE PRAIRIESKY 64.750
 MANITOK
 100.00000000 MANITOK
 Total Rental: 194.25
 TWP 22 RGE 25 W4M SW 20
 ALL PETROLEUM FROM TOP SURFACE
 TO BASE BASEMENT

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*	*
Mineral Int	Operator / Payor	Status	Hectares	Net	Undev:	Hectares	Net	Hectares
(cont'd)								
M01516								
Sub: A	MANITOK				194.25			
100.00000000	MANITOK	UNDEVELOPED	0.000	0.000	194.25	64.750	64.750	64.750
M01517	PET	FH	64.750	MANITOK		100.00000000	64.750	64.750
Sub: A	WI	Eff: Dec 20, 2016	64.750	MANITOK		100.00000000	64.750	64.750
ACTIVE	PRAIRIESKY	Exp: Dec 19, 2021	64.750	MANITOK		100.00000000	64.750	64.750
100.00000000	MANITOK			MANITOK	194.25			
	MANITOK	UNDEVELOPED	0.000	0.000	194.25	64.750	64.750	64.750
M01518	PET	FH	64.750	MANITOK		100.00000000	64.750	64.750
Sub: A	WI	Eff: Dec 20, 2016	64.750	MANITOK		100.00000000	64.750	64.750
ACTIVE	PRAIRIESKY	Exp: Dec 19, 2021	64.750	MANITOK		100.00000000	64.750	64.750
100.00000000	MANITOK			MANITOK	194.25			
	MANITOK	UNDEVELOPED	0.000	0.000	194.25	64.750	64.750	64.750
M01519	NG	FH	259.000	MANITOK		100.00000000	64.750	64.750
Sub: A	WI	Eff: Dec 20, 2016	259.000	MANITOK		100.00000000	64.750	64.750
ACTIVE	PRAIRIESKY	Exp: Dec 19, 2021	259.000	MANITOK		100.00000000	64.750	64.750

REPORTED IN HECTARES

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				

(cont'd)

M01519
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 777.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00350 PNG FH Eff: May 01, 2015 64.750 C00009 A No WI
 Sub: A WI Exp: Apr 30, 2018 64.750 MANITOK 100.00000000
 ACTIVE PRAIRIESKY Ext: HBP 64.750
 MANITOK
 100.00000000 MANITOK
 Total Rental: 178.06
 TWP 22 RGE 25 W4M SW 28
 ALL PETROLEUM IN
 GLAUCONITE_ZONE;
 ALL PETROLEUM IN ELLERSLIE

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M01837 PNG FH Eff: May 01, 2015 64.750 C00009 A No WI
 Sub: A WI Exp: Apr 30, 2018 64.750 MANITOK 100.00000000
 ACTIVE PRAIRIESKY Ext: HBP 64.750
 MANITOK
 100.00000000 MANITOK
 Total Rental: 178.06
 TWP 22 RGE 25 W4M NW 28
 ALL PETROLEUM IN
 GLAUCONITE_ZONE;
 ALL PETROLEUM IN ELLERSLIE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M00469 NG FH Eff: May 27, 2014 256.300 WI
 Sub: A WI Exp: May 26, 2017 256.300 MANITOK 100.00000000
 ACTIVE PRAIRIESKY Ext: HBP 256.300
 TWP 22 RGE 25 W4M SEC 31
 ALL NG IN ELLERSLIE;
 ALL CBM IN ELLERSLIE

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				

(cont'd)

M00469
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 1281.51

Status	Hectares	Net	Hectares	Net
DEVELOPED	256.300	256.300	0.000	0.000

M01838 PNG FH Eff: May 01, 2015 63.844 C00009 A No WI TWP 22 RGE 25 W4M NE 32
 Sub: A WI Exp: Apr 30, 2018 63.844 MANITOK 100.00000000 ALL PETROLEUM IN GLAUCONITE_ZONE
 ACTIVE PRAIRIESKY Ext: HBP 63.844
 MANITOK
 100.00000000 MANITOK
 Total Rental: 175.57

Status	Hectares	Net	Hectares	Net
DEVELOPED	63.844	63.844	0.000	0.000

M01839 PNG FH Eff: May 01, 2015 63.957 C00009 A No WI TWP 22 RGE 25 W4M NW 32
 Sub: A WI Exp: Apr 30, 2018 63.957 MANITOK 100.00000000 ALL PETROLEUM IN GLAUCONITE_ZONE
 ACTIVE PRAIRIESKY Ext: HBP 63.957
 MANITOK
 100.00000000 MANITOK
 Total Rental: 175.88

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	63.957	63.957

M01840 PNG FH Eff: May 01, 2015 64.750 C00009 A No WI TWP 22 RGE 25 W4M SE 32
 Sub: A WI Exp: Apr 30, 2018 64.750 MANITOK 100.00000000 ALL PETROLEUM IN
 ACTIVE PRAIRIESKY Ext: HBP 64.750 GLAUCONITE_ZONE;

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**MANITOK ENERGY . INC.
 Mineral Property Report**

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M01840
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 178.06
 ALL PETROLEUM IN ELLERSLIE

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M01841
 Sub: A PNG
 ACTIVE
 Eff: May 01, 2015
 Exp: Apr 30, 2018
 Ext: HBP
 MANITOK
 100.00000000 MANITOK
 Total Rental: 178.06
 TWP 22 RGE 25 W4M SW 32
 ALL PETROLEUM IN GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M01842
 Sub: A PNG
 DISPUTE
 Eff: May 01, 2015
 Exp: Apr 30, 2018
 Ext: HBP
 MANITOK
 100.00000000 MANITOK
 Total Rental: 175.88
 TWP 22 RGE 25 W4M NE 33
 ALL PETROLEUM IN GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	63.960	63.960

M01843
 Sub: A PNG
 ACTIVE
 Eff: May 01, 2015
 Exp: Apr 30, 2018
 Ext: HBP
 MANITOK
 100.00000000 MANITOK
 Total Rental: 175.88
 TWP 22 RGE 25 W4M NW 33
 ALL PETROLEUM IN
 GLAUCONITE_ZONE;

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M01843
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 175.56
 ALL PETROLEUM IN ELLERSLIE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	63.840	63.840

M01844
 Sub: A PNG
 WI PRAIRIESKY
 MANITOK
 100.00000000 MANITOK
 Eff: May 01, 2015
 Exp: Apr 30, 2018
 Ext: HBP
 Total Rental: 178.06
 TWP 22 RGE 25 W4M SW 33
 ALL PETROLEUM IN
 GLAUCONITE_ZONE;
 ALL PETROLEUM IN ELLERSLIE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M01845
 Sub: A PNG
 WI PRAIRIESKY
 MANITOK
 100.00000000 MANITOK
 Eff: May 01, 2015
 Exp: Apr 30, 2018
 Ext: HBP
 Total Rental: 178.06
 TWP 23 RGE 25 W4M NW 3
 ALL PETROLEUM IN GLAUCONITE_ZONE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M01846
 Sub: A PNG
 WI PRAIRIESKY
 MANITOK
 100.00000000 MANITOK
 Eff: May 01, 2015
 Exp: Apr 30, 2018
 Ext: HBP
 Total Rental: 178.06
 TWP 23 RGE 25 W4M SW 3
 ALL PETROLEUM IN GLAUCONITE_ZONE

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

(cont'd)

M01846
 Sub: A MANITOK
 100.00000000 MANITOK

Total Rental: 174.11

Status	Hectares	Net	Hectares	Net
DEVELOPED	63.313	63.313	0.000	0.000

M01847	PNG	FH	Eff: May 01, 2015	64.750	C00009	A	No	WI	TWP 23 RGE 25 W4M NE 4
Sub: A	WI		Exp: Apr 30, 2018	64.750	MANITOK			100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE
DISPUTE	PRAIRIESKY			64.750					
100.00000000	MANITOK								
	MANITOK								
			Total Rental: 178.06						

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M01848	PNG	FH	Eff: May 01, 2015	63.265	C00009	A	No	WI	TWP 23 RGE 25 W4M SW 4
Sub: A	WI		Exp: Apr 30, 2018	63.265	MANITOK			100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE
ACTIVE	PRAIRIESKY		Ext: HBP	63.265					
100.00000000	MANITOK								
	MANITOK								
			Total Rental: 173.98						

Status	Hectares	Net	Hectares	Net
DEVELOPED	63.265	63.265	0.000	0.000

M01849	PNG	FH	Eff: May 01, 2015	64.750	C00009	A	No	WI	TWP 23 RGE 25 W4M NE 9
Sub: A	WI		Exp: Apr 30, 2018	64.750	MANITOK			100.00000000	ALL PETROLEUM IN ELLERSLIE
DISPUTE	PRAIRIESKY			64.750					

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

(cont'd)

M01849
 Sub: A MANITOK
 100.00000000 MANITOK

Total Rental: 178.06

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M01850 PNG FH Eff: May 01, 2015 Exp: Apr 30, 2018
 Sub: A WI PRAIRIESKY MANITOK
 100.00000000 MANITOK

Total Rental: 178.06

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.750	64.750

M01851 PNG FH Eff: May 01, 2015 Exp: Apr 30, 2018
 Sub: A WI PRAIRIESKY MANITOK
 100.00000000 MANITOK

Total Rental: 178.06

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M01852 PNG FH Eff: May 01, 2015 Exp: Apr 30, 2018
 Sub: A WI PRAIRIESKY MANITOK
 100.00000000 MANITOK

64.750

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	

(cont'd)

M01852

Sub: A MANITOK
 100.00000000 MANITOK

Total Rental: 178.06

Status	DEVELOPED	Dev:		Hectares	64.750	Net	64.750	Undev:	0.000	Hectares	0.000	Net	0.000
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**MANITOK ENERGY . INC.
Mineral Property Report**

Province: ALBERTA
Area : CARSELAND

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	

Area Total:	Total Gross:	3,098.969	Total Net:	3,098.969	Undev Gross :	839.257	Undev Net :	839.257
	Dev Gross:	2,259.712	Dev Net:	2,259.712				

**MANITOK ENERGY . INC.
Mineral Property Report**

REPORTED IN HECTARES

Province: ALBERTA
Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	May 27, 2014	Exp:	May 26, 2017	Ext:	HBP	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
									Gross	Net				
* Doi Partner(s) *														
Total Rental: 1285.13														
		Status	Dev:		Hectares	Net	Undev:	Hectares	Net			Hectares	Net	
M00576	NG	FH			257.030				257.030				WI	TWP 22 RGE 26 W4M SEC 31
Sub: A	WI				257.030				257.030	MANITOK			100.00000000	ALL NG FROM TOP SURFACE TO BASE
ACTIVE	PRAIRIESKY				257.030									BELLY_RIVER;
	MANITOK													ALL CBM FROM TOP SURFACE TO
100.00000000	MANITOK													BASE BELLY_RIVER
* Doi Partner(s) *														
Total Rental: 1286.30														
M00590	NG	FH			257.260				257.260				WI	TWP 22 RGE 26 W4M SEC 32
Sub: A	WI				257.260				257.260	MANITOK			100.00000000	ALL NG FROM TOP SURFACE TO BASE
ACTIVE	PRAIRIESKY				257.260									BELLY_RIVER;
	MANITOK													ALL CBM FROM TOP SURFACE TO
100.00000000	MANITOK													BASE BELLY_RIVER
* Doi Partner(s) *														
Total Rental: 1295.00														
M00577	NG	FH			259.000				259.000				WI	TWP 23 RGE 25 W4M SEC 19
Sub: A	WI				259.000				259.000	MANITOK			100.00000000	ALL NG FROM TOP SURFACE TO BASE
ACTIVE	PRAIRIESKY				259.000									BELLY_RIVER;
	MANITOK													ALL CBM FROM TOP SURFACE TO
100.00000000	MANITOK													BASE BELLY_RIVER
* Doi Partner(s) *														
Total Rental: 1299.00														
M00578	NG	FH			259.000				259.000				WI	TWP 23 RGE 26 W4M SEC 9
Sub: A	WI				259.000				259.000	MANITOK			100.00000000	ALL NG FROM TOP SURFACE TO BASE
ACTIVE	PRAIRIESKY				259.000									BELLY_RIVER;

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00578
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 1295.00
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00578
 Sub: B NG
 ACTIVE NI PRAIRIESKY
 EMBER
 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 C00316 A No WELL
 100.00000000
 2-9-23-26-W4M)
 (EMBER WELLS ONLY IN
 (EMBER HOLDS NO MINERAL RIGHTS)
 Total Rental: 0.00
 Count Acreage = No

Status	Hectares	Net	Hectares	Net
DEVELOPED	0.000	0.000	0.000	0.000

M00579
 Sub: A NG
 ACTIVE WI PRAIRIESKY
 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 MANITOK
 100.00000000
 TWP 23 RGE 26 W4M SEC 9
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER
 Total Rental: 1295.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00591
 Sub: A NG
 ACTIVE WI PRAIRIESKY
 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 MANITOK
 100.00000000
 TWP 23 RGE 26 W4M SEC 15
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00591
Sub: A MANITOK
100.00000000 MANITOK
Total Rental: 1295.00
ALL CBM FROM TOP SURFACE TO
BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00593
Sub: A NG
ACTIVE NI PRAIRIESKY
EMBER EMBER
100.00000000 EMBER
Eff: May 27, 2014
Exp: May 26, 2017
Total Rental: 1295.00
TWP 23 RGE 26 W4M SEC 16
ALL NG FROM TOP SURFACE TO BASE
BELLY_RIVER;
ALL CBM FROM TOP SURFACE TO
BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	0.000	0.000	0.000

M00593
Sub: B NG
ACTIVE WI PRAIRIESKY
EMBER EMBER
100.00000000 EMBER
Eff: May 27, 2014
Exp: May 26, 2017
Total Rental: 0.00
TWP 23 RGE 26 W4M SEC 16
(MANITOK WELLS ONLY IN 16-16)
(MANITOK HOLDS NO MINERAL
RIGHTS)

Status	Hectares	Net	Hectares	Net
DEVELOPED	0.000	0.000	0.000	0.000

M00595
Sub: A NG
ACTIVE NI PRAIRIESKY
EMBER EMBER
100.00000000 EMBER
Eff: May 27, 2014
Exp: May 26, 2017
Ext: HBP
Total Rental: 0.00
TWP 23 RGE 26 W4M SEC 21
ALL NG FROM TOP SURFACE TO BASE
BELLY_RIVER;

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	100.00000000	0.000

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00595
 Sub: A EMBER
 100.00000000 EMBER
 Total Rental: 1295.00
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status DEVELOPED
 Hectares 259.000
 Net 0.000
 Undev: 0.000
 Hectares 0.000
 Net 0.000

M00595 NG FH Eff: May 27, 2014 0.000 C00316 A No WI
 Sub: B WI Exp: May 26, 2017 0.000 MANITOK 100.000000000
 ACTIVE PRAIRIESKY 0.000
 EMBER
 EMBER
 100.00000000 EMBER
 Total Rental: 0.00
 TWP 23 RGE 26 W4M SEC 21
 (MANITOK WELLS ONLY IN 7-21)
 (MANITOK HOLDS NO MINERAL
 RIGHTS)

Status DEVELOPED
 Hectares 0.000
 Net 0.000
 Undev: 0.000
 Hectares 0.000
 Net 0.000

M00580 NG FH Eff: May 27, 2014 259.000 WI
 Sub: A WI Exp: May 26, 2017 259.000 MANITOK 100.000000000
 ACTIVE PRAIRIESKY Ext: HBP 259.000
 MANITOK
 100.00000000 MANITOK
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 22
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status DEVELOPED
 Hectares 259.000
 Net 259.000
 Undev: 0.000
 Hectares 0.000
 Net 0.000

M00581 NG FH Eff: May 27, 2014 259.000 WI
 Sub: A WI Exp: May 26, 2017 259.000 MANITOK 100.000000000
 ACTIVE PRAIRIESKY Ext: HBP 259.000
 100.00000000 MANITOK
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 23
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00581
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 1295.00
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00582
 Sub: A NG FH
 ACTIVE PRAIRIESKY
 MANITOK
 100.00000000 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 24
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00594
 Sub: A NG NI FH
 ACTIVE PRAIRIESKY
 EMBER
 100.00000000 EMBER
 Eff: May 27, 2014
 Exp: May 26, 2017
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 25
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	0.000	0.000	0.000

M00594
 Sub: B NG WI FH
 ACTIVE PRAIRIESKY
 100.00000000 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 25
 (MANITOK WELLS ONLY IN 1-25
 AND 4-25)

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*
Mineral Int						Lease Description / Rights Held

(cont'd)

M00594
 Sub: B EMBER
 100.00000000 EMBER
 Total Rental: 0.00
 (MANITOK HOLDS NO MINERAL RIGHTS)

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
		0.000	0.000	0.000	0.000	0.000

M00583
 Sub: A NG FH
 ACTIVE PRAIRIESKY Exp: May 27, 2014
 MANITOK Exp: May 26, 2017
 100.00000000 WI
 Total Rental: 323.75
 TWP 23 RGE 26 W4M NE 26
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
DEVELOPED		64.750	64.750	0.000	0.000	0.000

M00584
 Sub: A PNG WI FH
 ACTIVE SNELL ETAL Exp: Aug 25, 2000
 MANITOK Exp: Aug 24, 2002
 100.00000000 WI
 Total Rental: 160.00
 TWP 23 RGE 26 W4M SE 26
 ALL PNG FROM TOP SURFACE TO
 BASE BASEMENT;
 ALL CBM

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
DEVELOPED		64.700	64.700	0.000	0.000	0.000

M00585
 Sub: A PNG WI FH
 ACTIVE SNELL ETAL Exp: Aug 25, 2000
 MANITOK Exp: Aug 24, 2002
 100.00000000 WI
 TWP 23 RGE 26 W4M NW 26
 ALL PNG FROM TOP SURFACE TO
 BASE BASEMENT;

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00585
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 160.00
 ALL CBM

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.700	64.700	0.000	0.000

M00586
 Sub: A PNG FH
 ACTIVE SNELL ETAL
 MANITOK
 100.00000000 MANITOK
 Eff: Aug 25, 2000
 Exp: Aug 24, 2002
 Ext: HBP
 Total Rental: 160.00
 TWP 23 RGE 26 W4M SW 26
 ALL PNG FROM TOP SURFACE TO
 BASE BASEMENT;
 ALL CBM

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.700	64.700	0.000	0.000

M00587
 Sub: A NG WI
 ACTIVE PRAIRIESKY
 MANITOK
 100.00000000 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 27
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000

M00588
 Sub: A NG WI
 ACTIVE PRAIRIESKY
 MANITOK
 100.00000000 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M PTN NW 34
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*

(cont'd)

M00588
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 0.00
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	3.720	3.720	0.000	0.000
		Undev:		

M00592
 Sub: A PNG CR
 ACTIVE 0400120018 MANITOK
 100.00000000 MANITOK
 Eff: Dec 14, 2000
 Exp: Dec 13, 2005
 Ext: 15
 Total Rental: 883.12
 TWP 23 RGE 26 W4M S 34, NE 34,
 PTN NW 34
 ALL PNG FROM TOP SURFACE TO
 BASE BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	252.320	252.320	0.000	0.000
		Undev:		

M00589
 Sub: A NG FH
 ACTIVE PRAIRIESKY MANITOK
 100.00000000 MANITOK
 Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 Total Rental: 1295.00
 TWP 23 RGE 26 W4M SEC 35
 ALL NG FROM TOP SURFACE TO BASE
 BELLY_RIVER;
 ALL CBM FROM TOP SURFACE TO
 BASE BELLY_RIVER

Status	Hectares	Net	Hectares	Net
DEVELOPED	259.000	259.000	0.000	0.000
		Undev:		

Report Date: Nov 27, 2018

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**MANITOK ENERGY . INC.
Mineral Property Report**

Province: ALBERTA

Area : CARSELAND SHALLOW GAS

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name		Gross			
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	Lease Description / Rights Held

Area Total:	Total Gross:	3,360.180	Total Net:	3,360.180	Undev Gross:	0.000	Undev Net:	0.000
	Dev Gross:	3,360.180	Dev Net:	3,360.180				

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**MANITOK ENERGY. INC.
Mineral Property Report**

Province: ALBERTA
Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

M00569	PNG	CR	Eff: Apr 27, 1971	256.000	C00309	A	No	WI	TWP 41 RGE 14 W5M SEC 10
Sub: A	WI		Exp: Apr 26, 1981	256.000	MANITOK			5.00000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	24492	MANITOK	Ext: 15	12.800	CANLIN			50.00000000	BASE CARDIUM
		CANLIN			BRIKO			40.00000000	
100.00000000		CANLIN			TAGA NORT			5.00000000	

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	12.800
Dev:		Undev:		

M00569	PNG	CR	Eff: Apr 27, 1971	128.000	C00309	B	No	WI	TWP 41 RGE 14 W5M SEC 11
Sub: B	WI		Exp: Apr 26, 1981	128.000	MANITOK			5.00000000	ALL PNG BELOW BASE CARDIUM TO
ACTIVE	24492	MANITOK	Ext: 15	6.400	CANLIN			50.00000000	BASE MANNVILLE
		CANLIN			IKLUMA			40.41670000	
100.00000000		CANLIN			TAGA NORT			4.58330000	

Total Rental: 448.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	6.400
Dev:		Undev:		

M00569	PNG	CR	Eff: Apr 27, 1971	128.000	C00309	D	No	WI	TWP 41 RGE 14 W5M SEC 11
Sub: D	WI		Exp: Apr 26, 1981	128.000	MANITOK			5.00000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	24492	MANITOK	Ext: 15	6.400	CANLIN			50.00000000	BASE CARDIUM
		CANLIN			BRIKO			40.41670000	
100.00000000		CANLIN			TAGA NORT			4.58330000	

Total Rental: 448.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	6.400
Dev:		Undev:		

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00569							
Sub: D	UNDEVELOPED	Dev:	0.000	0.000	Undev:	128.000	6.400

M00575	LICENCE	CR	Eff: Jan 12, 2017	256.000	WI		TWP 41 RGE 14 W5M SEC 12
Sub: A	WI	Exp: Jan 11, 2022	256.000	MANITOK	100.000000000		ALL PNG TO BASE TRIASSIC;
ACTIVE	5517010140		256.000	Total Rental: 896.00			ALL PNG BELOW BASE RUNDLE_GROUP
100.000000000	MANITOK						
100.000000000	MANITOK						

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	Dev:	0.000	0.000	Undev:
		0.000	256.000	256.000

M00569	PNG	CR	Eff: Apr 27, 1971	128.000	C00309	C	No	WI
Sub: C	WI	Exp: Apr 26, 1981	128.000	MANITOK	5.000000000			TWP 41 RGE 14 W5M SEC 14
ACTIVE	24492	Ext: 15	6.400	CANLIN	50.000000000			ALL PNG BELOW BASE CARDIUM TO
	MANITOK			IKKUMA	40.416700000			BASE MANNVILLE
100.000000000	CANLIN			TAGA NORT	4.583300000			
				Total Rental: 448.00				

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	Dev:	0.000	0.000	Undev:
		0.000	128.000	6.400

M00569	PNG	CR	Eff: Apr 27, 1971	128.000	C00309	E	No	WI
Sub: E	WI	Exp: Apr 26, 1981	128.000	MANITOK	5.000000000			TWP 41 RGE 14 W5M SEC 14
ACTIVE	24492	Ext: 15	6.400	CANLIN	50.000000000			ALL PNG FROM TOP SURFACE TO
	MANITOK			BRIKO	40.416700000			BASE CARDIUM
100.000000000	CANLIN			TAGA NORT	4.583300000			

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Gross			Lease Description / Rights Held

(cont'd)

M00569
 Sub: E

Total Rental: 448.00
 Net 0.000
 Undev: 0.000
 Hectares 128.000
 Net 6.400

M00567	PNG	CR	Eff: Apr 27, 1971	C00197	C	Yes	WI
Sub: A	WI - TRUST	MANITOK	Exp: Apr 26, 1981	256.000			22.40088000
ACTIVE	24827	Ext: 15	186.692	CNRL			5.49714800
	MANITOK	TAGA NORT					19.94130700
	IKKUMA	IKKUMA					
100.00000000		NUVISTA ENERGY		1.63500000			
		MANITOK		50.52566500	*		

Total Rental: 896.00

Net 0.000
 Undev: 0.000
 Hectares 256.000
 Net 186.692

M00567	PNG	CR	Eff: Apr 27, 1971	C00197	H	Yes	WI
Sub: B	WI - TRUST	MANITOK	Exp: Apr 26, 1981	0.000			23.68588000
ACTIVE	24827	Ext: 15	0.000	CNRL			5.49714800
	MANITOK	TAGA NORT					20.29130700
	IKKUMA	IKKUMA					
100.00000000		MANITOK		50.52566500	*		

Total Rental: 0.00

REPORTED IN HECTARES

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code				
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*				
Mineral Int	Status	UNDEVELOPED	Dev:	Eff:	Apr 27, 1971	CR	Hectares	Net	Hectares	Net
M00567	B	UNDEVELOPED	Dev:	Eff:	Apr 27, 1971	CR	0.000	0.000	0.000	0.000
				Exp:	Apr 26, 1981	WI - TRUST				
				Ext:	15	24828	68.296			
						MANITOK				
						IKKUMA				
						HUSKY				
						MANITOK				
						IKKUMA				
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						MANITOK				
						IKKUMA				

REPORTED IN HECTARES

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
M00565	PNG	CR	128.000	C00096	F	Yes	WI
Sub: B	WI - TRUST		128.000	MANITOK	*	45.000000000	TWP 41 RGE 14 W5M E 19
ACTIVE	119151	MANITOK	57.600	CANLIN		55.000000000	ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
100.000000000	HUSKY			HUSKY			
			Total Rental:		448.00		
							57.600
M00565	PNG	CR	1,536.000	C00096	F	Yes	WI
Sub: A	WI - TRUST		1,536.000	MANITOK	*	45.000000000	TWP 41 RGE 14 W5M 20, 21, 28, 29, E 30, E 31, 32
ACTIVE	119151	MANITOK	691.200	CANLIN		55.000000000	ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
100.000000000	HUSKY			HUSKY			
			Total Rental:		5376.00		
							691.200
M00565	PNG	CR	128.000	C00197	A	Yes	WI
Sub: C	WI		128.000	MANITOK		47.62905400	TWP 41 RGE 14 W5M W 22
ACTIVE	119151	MANITOK	60.965	CNRL		18.05511600	ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
100.000000000	HUSKY			CANLIN		8.65474700	
				GAS SUPPLY		11.000000000	
				TAGA NORT		14.66108300	
			Total Rental:		448.00		
							Net
							Hectares
							Net
							Hectares
							Net

REPORTED IN HECTARES

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00565							
Sub:	C	UNDEVELOPED	Dev:	0.000	0.000	Undev:	128.000
							60.965

M00565	PNG	CR	Eff: Jan 25, 1960	0.000	C00197 A	Yes	WI
Sub:	E	WI	Exp: Jan 24, 1981	0.000	MANITOK		47.62905400
ACTIVE	119151	MANITOK	Ext: 15	0.000	CNRL		18.05511600
		HUSKY			CANLIN		8.65474700
					GAS SUPPLY		11.00000000
					TAGA NORT		14.66108300

Total Rental: 0.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	0.000	0.000

M00566	PNG	CR	Eff: Apr 27, 1971	128.000	C00197 B	Yes	WI
Sub:	A	WI	Exp: Apr 26, 1981	128.000	MANITOK		47.62905400
ACTIVE	24830	MANITOK	Ext: 15	60.965	CNRL		18.05511600
		IKKUMA			CANLIN		8.65474700
					GAS SUPPLY		11.00000000
					TAGA NORT		14.66108300

Total Rental: 448.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	60.965

M00566	PNG	CR	Eff: Apr 27, 1971	0.000	C00197 E	Yes	WI
							TWP 41 RGE 14 W5M E 22

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 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	
(cont'd)							
M00566	WI		0.000	MANITOK	*	47.62905400	ALL PNG FROM BASE CARDIUM TO BASE MANNVILLE
Sub: B	24830		0.000	CNRL		18.05511600	
ACTIVE	MANITOK			CANLIN		8.65474700	
100.00000000	IKKUMA			GAS SUPPLY		11.00000000	
				TAGA NORT		14.66108300	
				Total Rental:		0.00	

M00570	PNG	CR	256.000	HUSKY		100.00000000	TWP 41 RGE 14 W5M SEC 23
Sub: A	RI		256.000	HUSKY		100.00000000	ALL PNG FROM BASE CARDIUM TO BASE MANNVILLE
ACTIVE	28950		0.000				
100.00000000	MANITOK			Total Rental:		896.00	
	HUSKY						

M00570	PNG	CR	0.000	HUSKY		100.00000000	TWP 41 RGE 14 W5M SEC 23
Sub: B	RI		0.000	HUSKY		100.00000000	ALL PNG FROM TOP SURFACE TO BASE CARDIUM
ACTIVE	28950		0.000				
100.00000000	MANITOK			Total Rental:		0.00	
	HUSKY						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00570
 Sub: B

M00571	PNG	CR	Eff: Apr 27, 1971	128.000	C00197	F	Yes	WI	TWP 41 RGE 14 W5M E 27
Sub: A	WI		Exp: Apr 26, 1981	128.000	MANITOK			21.24360000	ALL PNG FROM TOP SURFACE TO
ACTIVE	24830A		Ext: 15	27.192	CANLIN			60.00000000	BASE MANNVILLE
	MANITOK				TAGA NORT			18.75640000	
100.00000000	CANLIN				Total Rental:		448.00		

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	27.192
Dev:			Undev:	

M00572
 Sub: A
 ACTIVE

M00572	PNG	CR	Eff: Jan 25, 1960	128.000	C00197	G	Yes	WI	TWP 41 RGE 14 W5M W 27
Sub: A	WI		Exp: Jan 24, 1970	128.000	MANITOK			24.00220000	ALL PNG FROM TOP SURFACE TO
ACTIVE	119151A		Ext: 15	30.723	CANLIN			54.83440000	BASE MANNVILLE
	MANITOK				TAGA NORT			21.16340000	
100.00000000	CANLIN				Total Rental:		448.00		

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	30.723
Dev:			Undev:	

M00123
 Sub: A
 ACTIVE

M00123	PNG	CR	Eff: Jul 14, 2011	64.000	MANITOK			WI	TWP 41 RGE 14 W5M NW 31
Sub: A	WI		Exp: Jul 13, 2016	64.000	MANITOK			100.00000000	ALL PNG IN CARDIUM
ACTIVE	0611070231		Ext: 15	64.000					
	MANITOK				Total Rental:		224.00		
100.00000000	MANITOK								

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Hectares	Net	Undev:	Hectares

(cont'd)

M00123

Sub: A
 UNDEVELOPED
 Dev: 0.000
 Hectares: 0.000
 Net: 0.000
 Undev: 64.000
 Hectares: 64.000
 Net: 64.000

M00565
 Sub: D
 ACTIVE
 100.00000000
 PNG CR
 WI - TRUST
 119151
 MANITOK
 HUSKY
 Eff: Jan 25, 1960
 Exp: Jan 24, 1981
 Ext: 15
 C00266 A Yes
 MANITOK
 CANLIN
 HUSKY
 WI
 * 24.16660000
 75.83340000
 TWP 41 RGE 14 W5M SEC 33
 ALL PNG FROM TOP SURFACE TO
 BASE MANNVILLE

Total Rental: 896.00

Status: UNDEVELOPED
 Dev: 0.000
 Hectares: 0.000
 Net: 0.000
 Undev: 256.000
 Hectares: 256.000
 Net: 61.866

M00479
 Sub: A
 ACTIVE
 100.00000000
 PNG CR
 WI - TRUST
 0684020290
 MANITOK
 HUSKY
 Eff: Feb 23, 1984
 Exp: Feb 22, 1989
 Ext: 15
 C00207 A Yes
 MANITOK
 CNRNAP
 HUSKY
 WI
 * 96.50000000
 3.50000000
 TWP 41 RGE 15 W5M SEC 35
 ALL PNG FROM TOP SURFACE TO
 BASE MANNVILLE

Total Rental: 896.00

Status: DEVELOPED
 Dev: 256.000
 Hectares: 256.000
 Net: 247.040
 Undev: 0.000
 Hectares: 0.000
 Net: 0.000

M00063
 Sub: A
 ACTIVE
 0610080560
 MANITOK
 PNG CR
 WI
 0610080560
 MANITOK
 Eff: Aug 19, 2010
 Exp: Aug 18, 2015
 Ext: 15
 C00026 E No
 MANITOK
 PETRUS
 WI
 93.00000000
 7.00000000
 TWP 42 RGE 15 W5M NW 1
 PNG IN CARDIUM
 (PRODUCTION FROM
 100/03-12-042-15W5/00 &

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 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*

(cont'd)

M00063
 Sub: A
 100.00000000 MANITOK
 Total Rental: 224.00
 100/03-12-042-15W5/02 WELLS)

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	59.520	0.000	0.000

M00063
 Sub: C
 ACTIVE
 100.00000000 MANITOK
 TWP 42 RGE 15 W5M NE 1
 ALL PNG IN CARDIUM
 (PRODUCTION FROM
 100/09-01-042-15W5/00 &
 100/09-01-042-15W5/02 WELLS)

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	58.624	0.000	0.000

M00063
 Sub: F
 ACTIVE
 100.00000000 MANITOK
 TWP 42 RGE 15 W5M NE 1
 ALL PNG IN CARDIUM
 (EXCLUDING
 100/09-01-042-15W5/00,
 100/09-01-042-15W5/02,
 103/16-01-042-15W5/03 WELLBORES)

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	29.312	0.000	0.000

M00063
 Sub: B
 100.00000000 MANITOK
 Total Rental: 0.00
 TWP 42 RGE 15 W5M NE 1

NCPOOL

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File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
						Gross	Net				
(cont'd)											
M00063	WI		ACTIVE	0610080560	MANITOK	64.000	29.312	MANITOK		45.80000000	ALL PNG IN CARDIUM (PRODUCTION FROM 103/16-01-042-15W5/03 WELLBORE)
100.00000000	MANITOK					Count Acreage = No	0.00			26.70000000 27.50000000	
						Total Rental:	0.00				
M00063	PNG	CR	ACTIVE	0610080560	MANITOK	64.000	58.624	C00026	F No	WI	TWP 42 RGE 15 W5M SE 1
100.00000000	MANITOK					Count Acreage = No	224.00			91.60000000 8.40000000	ALL PNG IN CARDIUM
						Total Rental:	224.00				
M00063	PNG	CR	ACTIVE	0610080560	MANITOK	128.000	117.248	C00026	F No	WI	TWP 42 RGE 15 W5M NW 1
100.00000000	MANITOK					Count Acreage = No	0.00			91.60000000 8.40000000	ALL PNG IN CARDIUM
						Total Rental:	0.00				
						Total Rental:	117.248				

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 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
M00097	PNG	CR	Eff: Oct 31, 1960	H	Yes	WI	TWP 42 RGE 15 W5M NE 3
Sub: G	WI - TRUST	MANITOK	Exp: Oct 30, 1981			45.00000000	(EXCL. 100/11-10-042-15W5 &
ACTIVE	121928	IKKUMA	Ext: 15			55.00000000	100/12-10-042-15W5 WELLBORES)
100.00000000	MANITOK	HUSKY					ALL PNG FROM TOP SURFACE TO
	HUSKY						BASE MANNVILLE
			Total Rental: 0.00				
M00097	PNG	CR	Eff: Oct 31, 1960	F	Yes	WI	TWP 42 RGE 15 W5M SEC 9, SEC
Sub: F	WI - TRUST	MANITOK	Exp: Oct 30, 1981			45.00000000	10, SW 15, S 16, S 17
ACTIVE	121928	CANLIN	Ext: 15			55.00000000	(EXCL. 100/11-10-042-15W5 &
100.00000000	MANITOK	HUSKY					100/12-10-042-15W5 WELLBORES)
	HUSKY						ALL PNG FROM TOP SURFACE TO
			Total Rental: 3136.00				BASE MANNVILLE
M00065	PNG	CR	Eff: Aug 19, 2010	A	No	WI	TWP 42 RGE 15 W5M E 11
Sub: A	WI	MANITOK	Exp: Aug 18, 2015			100.00000000	ALL PNG FROM TOP SPIRIT_RIVER
ACTIVE	0610080562		Ext: 15				TO BASE BLUESKY-BULLHEAD
100.00000000	MANITOK						EXCL PNG IN UPPER_MANNVILLE
	MANITOK		Total Rental: 224.00				

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BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*
Mineral Int							
M00065	PNG	CR	Eff: Aug 19, 2010	64.000	C00031 B No	WI	TWP 42 RGE 15 W5M E 11
Sub: C	WI		Exp: Aug 18, 2015	64.000	MANITOK	82.000000000	ALL PNG IN UPPER_MANNVILLE
ACTIVE	0610080562	MANITOK	Ext: 15	52.480	PETRUS	18.000000000	
100.00000000	MANITOK		Total Rental: 224.00				
M00097	PNG	CR	Eff: Oct 31, 1960	128.000	C00031 A No	WI	TWP 42 RGE 15 W5M W 11
Sub: A	WI		Exp: Oct 30, 1981	128.000	MANITOK	100.000000000	ALL PNG FROM BASE CARDIUM TO TOP NORDEGG
ACTIVE	121928	MANITOK	Ext: 15	128.000			EXCL PNG IN UPPER_MANNVILLE
100.00000000	MANITOK		Total Rental: 448.00				
M00097	PNG	CR	Eff: Oct 31, 1960	0.000	C00031 B No	WI	TWP 42 RGE 15 W5M W 11
Sub: B	WI		Exp: Oct 30, 1981	0.000	MANITOK	82.000000000	ALL PNG IN UPPER_MANNVILLE
ACTIVE	121928	MANITOK	Ext: 15	0.000	PETRUS	18.000000000	
100.00000000	MANITOK		Total Rental: 0.00				
M00097	PNG	CR	Eff: Oct 31, 1960	0.000	C00082 A No	WI	TWP 42 RGE 15 W5M W 11
Sub: C	RI		Exp: Oct 30, 1981	0.000	CANLIN	65.000000000	ALL NG IN CARDIUM

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name		Gross			
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	* Lease Description / Rights Held
(cont'd)						
M00097						
Sub: C						
ACTIVE	121928		0.000	BRIKO		35.000000000
	CANLIN					
100.00000000	HUSKY			Total Rental: 0.00		
		Count Acreage =	No			
				Net	Hectares	Net
				0.000	0.000	0.000
		Dev:		Undev:		
				0.000	0.000	0.000
M00097	PNG	CR				TWP 42 RGE 15 W5M NW 11
	WI		64.000	C00159	B	Yes
Sub: E			64.000	MANITOK		NCPOOL
ACTIVE	121928		19.200	PETRUS		ALL PETROLEUM IN CARDIUM
	MANITOK			BRIKO		
	HUSKY			CANLIN		
100.00000000				Total Rental: 224.00		
		Status	Hectares	Net	Hectares	Net
		DEVELOPED	64.000	19.200	0.000	0.000
		Dev:		Undev:		
				0.000	0.000	0.000
M00159	LICENCE	CR				TWP 42 RGE 15 W5M E 11
	WI		128.000	C00055	C	Yes
Sub: A			128.000	MANITOK		WI
ACTIVE	5595120093		96.000	PETRUS		ALL PNG TO BASE CARDIUM
	MANITOK					EXCL NG IN CARDIUM
	CANLIN			Total Rental: 448.00		
100.00000000						
		Status	Hectares	Net	Hectares	Net
		DEVELOPED	128.000	96.000	0.000	0.000
		Dev:		Undev:		
				0.000	0.000	0.000

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Province: ALBERTA
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BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Count Acreage =	No	Total Rental:	0.00	
M00159	LICENCE CR		Eff: Dec 07, 1995	A	No	WI	TWP 42 RGE 15 W5M E 11
Sub: B	RI		Exp: Dec 06, 2000	CANLIN		65.00000000	ALL NG IN CARDIUM
ACTIVE	5595120093	SUNCOR	Ext: 15	BRIKO		35.00000000	
100.00000000	CANLIN		Count Acreage =	No	Total Rental:	0.00	
			Status				
			DEVELOPED	Dev:	Hectares	Net	Hectares
					128.000	0.000	Undev:
							0.000
							Net
							0.000
M00034	PNG	CR	Eff: Oct 29, 2009	G	No	WI	TWP 42 RGE 15 W5M W 12
Sub: B	WI		Exp: Oct 28, 2014	MANITOK		86.00000000	PNG IN CARDIUM
ACTIVE	0609100550	MANITOK	Ext: 15	PETRUS		14.00000000	(EXCL ALL PRODUCTION FROM
100.00000000	MANITOK		Total Rental:	448.00			100/03-12-042-15W5/00 AND /02
			Status				WELLS PERFS ONLY OCCUR IN
			DEVELOPED	Dev:	Hectares	Net	SECTION 1-042-15W5 CONFIRMED BY
					64.000	55.040	GREG FELTHAM -M00063)
							(EXCLUDING 100/11-12-042-15W5
							PENALTY WELL)
							Net
							55.040
M00034	PNG	CR	Eff: Oct 29, 2009	J	No	BPEN	TWP 42 RGE 15 W5M W 12
Sub: C	PEN		Exp: Oct 28, 2014	MANITOK		100.00000000	(100/12-12-042-15W5 PENALTY
ACTIVE	0609100550	MANITOK	Ext: 15	PETRUS			WELL)
100.00000000	MANITOK		Count Acreage =	No	Total Rental:	0.00	
			Status				
			DEVELOPED	Dev:	Hectares	Net	Hectares
					64.000	64.000	Undev:
							64.000
							Net
							64.000

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Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Oper.Cont.	ROFR	DOI Code	Exposure		Lease Description / Rights Held
												Net	Gross	
Mineral Int	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor	Operator / Payor
M00311	PNG	CR	ACTIVE	WI 121924	MANITOK	Oct 31, 1960	Oct 30, 1981	15	A	No	NCPOOL	64.000	64.000	TWP 42 RGE 15 W5M SE 12
												45.80000000	45.80000000	ALL PNG IN CARDIUM
												29.312	29.312	(EXCL
												27.50000000	27.50000000	100/100/01-12-042-15W5/00,
												22.50000000	22.50000000	100/02-12-042-15W5/02 WELLBORES)
												Count Acreage = No		
												Total Rental: 0.00		
												Hectares	Net	
												0.000	0.000	
												Undev:	Undev:	
												64.000	64.000	29.312
												Hectares	Net	
												64.000	64.000	29.312
M00311	PNG	CR	ACTIVE	WI 121924	MANITOK	Oct 31, 1960	Oct 30, 1981	15	B	No	NCPOOL	64.000	64.000	TWP 42 RGE 15 W5M SE 12
												45.80000000	45.80000000	(100/01-12-042-15W5/00,
												29.312	29.312	100/02-12-042-15W5/02 WELLBORES
												26.70000000	26.70000000	ONLY)
												27.50000000	27.50000000	
												Total Rental: 224.00		
												Hectares	Net	
												64.000	29.312	
												Undev:	Undev:	
												64.000	64.000	0.000
												Hectares	Net	
												64.000	29.312	0.000
M00097	PNG	CR	ACTIVE	WI 121928	MANITOK	Oct 31, 1960	Oct 30, 1981	15	A	Yes	NCPOOL	128.000	128.000	TWP 42 RGE 15 W5M SW 14, SE 15
												38.400	38.400	ALL PNG IN CARDIUM
												22.50000000	22.50000000	
												27.50000000	27.50000000	
												Total Rental: 448.00		
												Hectares	Net	
												30.00000000	30.00000000	
												20.00000000	20.00000000	
												22.50000000	22.50000000	
												27.50000000	27.50000000	
												Hectares	Net	
												30.00000000	30.00000000	
												20.00000000	20.00000000	
												22.50000000	22.50000000	
												27.50000000	27.50000000	
												Hectares	Net	
												30.00000000	30.00000000	
												20.00000000	20.00000000	
												22.50000000	22.50000000	
												27.50000000	27.50000000	
												Hectares	Net	
												30.00000000	30.00000000	
												20.00000000	20.00000000	
												22.50000000	22.50000000	
												27.50000000	27.50000000	

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*
Mineral Int			Net	Dev	Undev		
(cont'd)							
M00097							
Sub: D	DEVELOPED		128.000	38.400	0.000	0.000	0.000
M00103	PNG	CR	64.000	C00026	H No	WI	TWP 42 RGE 15 W5M SE 14
Sub: B	WI		64.000	MANITOK		86.000000000	PNG IN CARDIUM
ACTIVE	0611050412		55.040	PETRUS		14.000000000	
	MANITOK						
100.000000000	MANITOK			Total Rental: 224.00			
M00103	PNG	CR	64.000			WI	TWP 42 RGE 15 W5M NW 14
Sub: D	WI		64.000	MANITOK		100.000000000	PNG IN CARDIUM
ACTIVE	0611050412		64.000				
	MANITOK			Total Rental: 224.00			
100.000000000	MANITOK						
M00143	PNG	CR	192.000	C00159	A Yes	NCPOOL	TWP 42 RGE 15 W5M N 15, NE 16
Sub: D	WI		192.000	MANITOK		30.000000000	ALL PNG IN CARDIUM
ACTIVE	0611050413		57.600	PETRUS		20.000000000	
	MANITOK			BRIKO		22.500000000	
100.000000000	MANITOK			CANLIN		27.500000000	
				Total Rental: 672.00			

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code				
File Status	Int Type / Lse No/Name		Gross							
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held			
(cont'd)										
M00143										
Sub: D	DEVELOPED	Status	Hectares	Net	Undev:	Hectares	Net	Hectares	Net	
			128.000	38.400		64.000	19.200			
M00104	LICENCE CR		256.000	C00042 A	Yes	WI				
Sub: A	WI	Eff: May 19, 2011	256.000	MANITOK		72.000000000				
ACTIVE	5511050466	Exp: May 18, 2016	184.320	PETRUS		28.000000000				
	MANITOK	Ext: INTERM								
	MANITOK	Ext: May 19, 2021								
100.00000000	MANITOK	Total Rental: 448.00								
M00104	LICENCE CR		256.000	C00042 B	Yes	WI				
Sub: B	WI	Eff: May 19, 2011	256.000	MANITOK		64.000000000				
ACTIVE	5511050466	Exp: May 18, 2016	163.840	PETRUS		28.000000000				
	MANITOK	Ext: INTERM								
	MANITOK	Ext: May 19, 2021								
100.00000000	MANITOK	Count Acreage = No								
		Total Rental: 448.00								
M01425	LICENCE CR		512.000	MANITOK		WI				
Sub: A	WI	Eff: May 25, 2017	512.000	MANITOK		100.000000000				
ACTIVE	5517050202	Exp: May 24, 2022	512.000							
	MANITOK	Ext: May 24, 2022	512.000							
100.00000000	MANITOK	Total Rental: 1792.00								

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Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Hectares	Net	Hectares	Net

(cont'd)

M01425

Sub: A	UNDEVELOPED	Dev:	0.000	Hectares	0.000	Net	0.000	Undev:	512.000	Hectares	512.000	Net	512.000
--------	-------------	------	-------	----------	-------	-----	-------	--------	---------	----------	---------	-----	---------

M00280	PNG	CR	Eff: Oct 31, 1960	C00159	C	Yes	NGPOOL		TWP 42 RGE 15 W5M N 20
Sub: B	WI - TRUST	MANITOK	Exp: Oct 30, 1981	MANITOK	*		52.50000000		
ACTIVE	121929	PETRUS	Ext: 15	PETRUS			20.00000000		ALL PNG IN CARDIUM
	MANITOK	CANLIN		CANLIN			27.50000000		
100.00000000	HUSKY	BRIKO		BRIKO					

Total Rental: 448.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	67.200
Dev:		Undev:		

M00280	PNG	CR	Eff: Oct 31, 1960	C00096	E	Yes	WI		TWP 42 RGE 15 W5M N 20
Sub: C	WI - TRUST	MANITOK	Exp: Oct 30, 1981	MANITOK	*		45.00000000		
ACTIVE	121929	CANLIN	Ext: 15	CANLIN			55.00000000		ALL PNG TO BASE MANNVILLE EXCL PNG IN CARDIUM
	MANITOK	HUSKY		HUSKY					
100.00000000	HUSKY								

Total Rental: 0.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	57.600
Dev:		Undev:		

M00143	PNG	CR	Eff: May 19, 2011	C00150	B	No	AFTER EARN		TWP 42 RGE 15 W5M S 21
Sub: B	WI	MANITOK	Exp: May 18, 2016	MANITOK			66.66665000		ALL PNG FROM TOP SURFACE TO BASE CARDIUM
ACTIVE	0611050413	PETRUS	Ext: 15	PETRUS			33.33335000		

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	Hectares	Net	*
(cont'd)									
M00143									
Sub: B	MANITOK								
100.00000000	MANITOK		Total Rental:	448.00					
							Hectares	Net	
							128.000	85.333	Undev:
								0.000	0.000
M00280	PNG	CR	Eff: Oct 31, 1960	128.000	A	No	AFTER EARN		
Sub: A	WI - TRUST		Exp: Oct 30, 1981	128.000	MANITOK	*	66.66665000		
ACTIVE	121929		Ext: 15	85.333	PETRUS		33.33335000		
	MANITOK				HUSKY				
100.00000000	HUSKY		Total Rental:	448.00					
							Hectares	Net	
							128.000	85.333	Undev:
								0.000	0.000
M00280	PNG	CR	Eff: Oct 31, 1960	128.000	C00096	D	WI		
Sub: D	WI - TRUST		Exp: Oct 30, 1981	128.000	MANITOK	*	45.00000000		
ACTIVE	121929		Ext: 15	57.600	CANLIN		55.00000000		
	MANITOK				HUSKY				
100.00000000	HUSKY		Count Acreage =	No					
			Total Rental:	0.00					
							Hectares	Net	
							128.000	0.000	Undev:
								128.000	57.600
M00105	LICENCE	CR	Eff: May 19, 2011	448.000			WI		

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**MANITOK ENERGY, INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
						Gross	Net				
						Net	Doi Partner(s)	*	*		
(cont'd)											
M00105											
Sub: A	WI			Exp: May 18, 2016	MANITOK	448.000		448.000		100.000000000	ALL PNG TO BASE CARDIUM
ACTIVE	5511050467			Ext: INTERM		448.000					
	MANITOK			Ext: May 19, 2021			Total Rental: 1568.00				
100.000000000	MANITOK										
						Status					
						UNDEVELOPED	Dev:				
								Hectares		Net	
								0.000	0.000	448.000	448.000
									Undev:		
M00105	LICENCE	CR		Eff: May 19, 2011	C00159 A Yes	64.000		64.000		NCPOOL	TWP 42 RGE 15 W5M SW 22
Sub: B	WI			Exp: May 18, 2016	MANITOK	64.000		64.000		30.000000000	ALL PNG IN CARDIUM
ACTIVE	5511050467			Ext: INTERM	PETRUS	19.200				20.000000000	
	MANITOK			Ext: May 19, 2021	BRIKO					22.500000000	
100.000000000	MANITOK			Count Acreage = No	CANLIN					27.500000000	
							Total Rental: 0.00				
						Status					
						UNDEVELOPED	Dev:				
								Hectares		Net	
								0.000	0.000	64.000	19.200
									Undev:		
M00105	LICENCE	CR		Eff: May 19, 2011	WI	64.000		64.000			TWP 42 RGE 15 W5M SW 22
Sub: C	WI			Exp: May 18, 2016	MANITOK	64.000		64.000		100.000000000	ALL PNG TO BASE CARDIUM
ACTIVE	5511050467			Ext: INTERM		64.000					EXCL PNG IN CARDIUM
	MANITOK			Ext: May 19, 2021			Total Rental: 224.00				
100.000000000	MANITOK										
						Status					
						UNDEVELOPED	Dev:				
								Hectares		Net	
								0.000	0.000	64.000	64.000
									Undev:		

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MANITOK ENERGY, INC. Mineral Property Report

Province: ALBERTA
Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Ext:	Oper. Cont.	ROFR	Exposure		DOI Code	Lease Description / Rights Held
								Gross	Net		
			Net		Doi Partner(s)		*		*		
			Hectares	Net	Hectares	Net	Hectares	Net	Hectares	Net	
			UNDEVELOPED	Dev:	UNDEVELOPED	Dev:	Undev:	Undev:	Hectares	Net	
M00106	LICENCE CR		May 19, 2011	May 18, 2016	INTERM			512.000	512.000	WI	TWP 42 RGE 15 W5M SEC 27, 28
Sub: A	WI					MANITOK		512.000	512.000	100.000000000	PNG TO BASE CARDIUM
ACTIVE	5511050468						Total Rental: 1792.00				
100.000000000	MANITOK										
	MANITOK										
<hr/>											
M00107	LICENCE CR		May 19, 2011	May 18, 2016	INTERM			256.000	256.000	WI	TWP 42 RGE 15 W5M SEC 29
Sub: B	WI					MANITOK		256.000	256.000	79.000000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	5511050469					PETRUS		202.240	202.240	21.000000000	BASE CARDIUM
100.000000000	MANITOK						Total Rental: 896.00				
	MANITOK										
	MANITOK										
<hr/>											
M00108	LICENCE CR		May 19, 2011	May 18, 2016	INTERM			256.000	256.000	WI	TWP 42 RGE 15 W5M SEC 30
Sub: B	WI					MANITOK		256.000	256.000	72.000000000	ALL PNG TO BASE CARDIUM
ACTIVE	5511050470					PETRUS		184.320	184.320	28.000000000	(EXCLUDING PRODUCTION FROM
100.000000000	MANITOK						Total Rental: 896.00				102/15-30-042-15W5/00)
	MANITOK										
<hr/>											
M00108	LICENCE CR		May 19, 2011	May 18, 2016	INTERM			256.000	256.000	WI	TWP 42 RGE 15 W5M SEC 30
Sub: D	WI					MANITOK		192.000	138.240	64.000	ALL PNG IN CARDIUM
								256.000	256.000	64.000000000	

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name		Gross			
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	Lease Description / Rights Held
(cont'd)						
M00108						
Sub: D						
ACTIVE	5511050470	Ext: INTERM	163.840	PETRUS	28.00000000	(PRODUCTION FROM
	MANITOK	Ext: May 19, 2021		CANAMAX	8.00000000	100/15-19-042-15W5M WELLBORE)
100.00000000	MANITOK	Count Acreage = No		Total Rental: 0.00		
	Status	Dev:	Hectares	Net	Hectares	Net
	DEVELOPED		128.000	81.920	128.000	81.920
<hr/>						
M00108	LICENCE	CR	Eff: May 19, 2011	256.000	C00042	D Yes
Sub: E	WI		Exp: May 18, 2016	256.000	MANITOK	BPEN
ACTIVE	5511050470		Ext: INTERM	256.000	PETRUS	100.00000000
	MANITOK		Ext: May 19, 2021			(PRODUCTION FROM
100.00000000	MANITOK	Count Acreage = No		Total Rental: 0.00		100/15-30-042-15W5/00
	Status	Dev:	Hectares	Net	Hectares	Net
	DEVELOPED		192.000	192.000	64.000	64.000
<hr/>						
M00158	LICENCE	CR	Eff: Nov 23, 1995	128.000	C00055	F Yes
Sub: B	WI		Exp: Nov 22, 2000	128.000	MANITOK	WI
ACTIVE	5595110172		Ext: 15	32.000	CANLIN	25.00000000
	MANITOK				PETRUS	50.00000000
100.00000000	CANLIN	Count Acreage = No		Total Rental: 0.00		25.00000000
	Status	Dev:	Hectares	Net	Hectares	Net
	DEVELOPED		128.000	32.000	0.000	0.000
<hr/>						

REPORTED IN HECTARES

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Oper.Cont.	ROFR	DOI Code	Gross		Lease Description / Rights Held
												Net	Doi Partner(s)	
M00234	PNG	CR				Nov 19, 2009						192.000		TWP 42 RGE 15 W5M N & SW 31
Sub: C	WI					Nov 18, 2014						192.000	65.000000000	
ACTIVE	0609110172					15						124.800	35.000000000	ALL PNG IN CARDIUM
	MANITOK													
	MANITOK													
100.000000000									Total Rental:	672.00				
* * *														
M00158	LICENCE	CR				Nov 23, 1995						64.000		TWP 42 RGE 16 W5M NE 25
Sub: A	WI					Nov 22, 2000						64.000	25.000000000	TWP 42 RGE 15 W5M SE 31
ACTIVE	5595110172					15						16.000	50.000000000	ALL PNG TO BASE CARDIUM
	CANLIN												25.000000000	(EXCL 100/02-31-042-15W5/00
	CANLIN													AND 100/02-31-042-15W5/02
100.000000000									Total Rental:	224.00				WELLBORES)
* * *														
M00158	LICENCE	CR				Nov 23, 1995						64.000		TWP 42 RGE 16 W5M NE 25
Sub: C	WI					Nov 22, 2000						64.000	25.000000000	TWP 42 RGE 15 W5M NE 25
ACTIVE	5595110172					15						16.000	50.000000000	ALL PNG TO BASE CARDIUM
	CANLIN												25.000000000	
	CANLIN													
100.000000000									Total Rental:	224.00				
* * *														
M00158	LICENCE	CR				Nov 23, 1995						64.000		TWP 42 RGE 16 W5M NE 25
Sub: C	WI					Nov 22, 2000						64.000	25.000000000	TWP 42 RGE 15 W5M NE 25
ACTIVE	5595110172					15						16.000	50.000000000	ALL PNG TO BASE CARDIUM
	CANLIN												25.000000000	
	CANLIN													
100.000000000									Total Rental:	224.00				
* * *														
M00158	LICENCE	CR				Nov 23, 1995						64.000		TWP 42 RGE 16 W5M NE 25
Sub: C	WI					Nov 22, 2000						64.000	25.000000000	TWP 42 RGE 15 W5M NE 25
ACTIVE	5595110172					15						16.000	50.000000000	ALL PNG TO BASE CARDIUM
	CANLIN												25.000000000	
	CANLIN													
100.000000000									Total Rental:	224.00				
* * *														
M00158	LICENCE	CR				Nov 23, 1995						64.000		TWP 42 RGE 16 W5M NE 25
Sub: C	WI					Nov 22, 2000						64.000	25.000000000	TWP 42 RGE 15 W5M NE 25
ACTIVE	5595110172					15						16.000	50.000000000	ALL PNG TO BASE CARDIUM
	CANLIN												25.000000000	
	CANLIN													
100.000000000									Total Rental:	224.00				
* * *														

REPORTED IN HECTARES

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

M00235	PNG	CR	Eff: Nov 19, 2009	C	No	WI	TWP 42 RGE 16 W5M SE 25, NW 25
Sub: A	WI		Exp: Nov 18, 2014	MANITOK		25.00000000	
ACTIVE	0609110173	HUSKY	Ext: 15	BRIKO		50.00000000	PNG IN CARDIUM
				PETRUS		25.00000000	

Total Rental: 448.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	16.000	64.000	16.000
			Undev:	

M00168	LICENCE	CR	Eff: Sep 16, 1993	A	Yes	WI	TWP 42 RGE 16 W5M SEC 35
Sub: C	WI		Exp: Sep 15, 1998	MANITOK		12.50000000	ALL PNG BELOW BASE CARDIUM TO
ACTIVE	5593090095	HUSKY	Ext: 15	CANLIN		25.00000000	BASE TRIASSIC
				IKKUMA		50.00000000	
				PETRUS		12.50000000	

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	256.000	32.000	0.000	0.000
			Undev:	

M00168	LICENCE	CR	Eff: Sep 16, 1993	E	Yes	WI	TWP 42 RGE 16 W5M N 36, SE 36
Sub: B	WI		Exp: Sep 15, 1998	MANITOK		12.50000000	ALL PNG TO BASE TRIASSIC
ACTIVE	5593090095	HUSKY	Ext: 15	CANLIN		25.00000000	(EXCL PRODUCTION FROM
				IKKUMA		50.00000000	100/07-36-042-16-W5/00)
				PETRUS		12.50000000	

Total Rental: 672.00

Status	Hectares	Net	Hectares	Net
			672.00	

REPORTED IN HECTARES

**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

(cont'd)

M00168							
Sub: B	DEVELOPED		192.000	24.000	Undev:	0.000	0.000

M00168	LICENCE	CR	256.000	C00077	C	Yes	BPEN
Sub: BA	WI		256.000	MANITOK			16.67000000
ACTIVE	5593090095	HUSKY	42.675	IKKUMA			66.67000000
				CANLIN			100/07-36-042-16-W5/00 PENALTY
				PETRUS			WELL ONLY)
100.00000000	IKKUMA						16.66000000

Total Rental: 0.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	256.000	42.675	0.000	0.000
Dev:			Undev:	

M00168	LICENCE	CR	64.000	C00077	F	Yes	WI
Sub: BB	WI		64.000	MANITOK			12.50000000
ACTIVE	5593090095	HUSKY	8.000	CANLIN			25.00000000
				IKKUMA			50.00000000
				PETRUS			12.50000000
100.00000000	IKKUMA						

Total Rental: 224.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	8.000	0.000	0.000
Dev:			Undev:	

M00168	LICENCE	CR	64.000	C00077	D	Yes	WI
Sub: BC	WI		64.000	MANITOK			25.00000000
ACTIVE	5593090095	HUSKY	16.000	PETRUS			25.00000000
							TWP 42 RGE 16 W5M SW 36
							ALL PNG FROM BASE BLACKSTONE TO
							BASE TRIASSIC

REPORTED IN HECTARES

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)		
Mineral Int			Gross			

(cont'd)

M00168	Sub: BC	HUSKY	CANLIN		50.00000000	
100.00000000	IKKUMA					(EXCL PRODUCTION FROM 100/07-36-042-16-W5/00 PENALTY WELL)
			Total Rental: 0.00			
			Count Acreage = No			
	Status		Hectares	Net	Hectares	Net
	DEVELOPED		64.000	16.000	0.000	0.000
			Dev:	Undev:		

M00168	LICENCE	CR	Eff: Sep 16, 1993	512.000	C00077	A	Yes	WI
Sub: A	WI		Exp: Sep 15, 1998	512.000	MANITOK			12.50000000
ACTIVE	5593090095		Ext: 15	64.000	CANLIN			25.00000000
	HUSKY				IKKUMA			50.00000000
100.00000000	IKKUMA				PETRUS			12.50000000
			Total Rental: 1792.00					
	Status		Hectares	Net	Hectares	Net		
	DEVELOPED		64.000	8.000	448.000	56.000		
			Dev:	Undev:				

M00168	LICENCE	CR	Eff: Sep 16, 1993	0.000	C00077	J	Yes	WI
Sub: I	WI		Exp: Sep 15, 1998	0.000	MANITOK			12.50000000
ACTIVE	5593090095		Ext: 15	0.000	CANLIN			25.00000000
	HUSKY				BRIKO			50.00000000
100.00000000	IKKUMA				PETRUS			12.50000000
			Total Rental: 0.00					
	Status		Hectares	Net	Hectares	Net		
	DEVELOPED		0.000	0.000	0.000	0.000		0.000
			Dev:	Undev:				

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MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	

(cont'd)

M00168	LICENCE	CR	128.000	C00077	G	WI
Sub: D	WI		128.000	MANITOK		12.50000000
ACTIVE	5593090095	HUSKY	16.000	CANLIN		25.00000000
		IKKUMA		PETRUS		50.00000000
		IKKUMA				12.50000000
Total Rental: 448.00						

TWP 43 RGE 16 W5M N 2
 ALL PNG BELOW BASE CARDIUM TO
 BASE TRIASSIC
 (EXCL NG IN CARDIUM (PALE ALE)
 (EXCL PRODUCTION FROM
 100/07-02-043-16-W5/00 POOLED
 WELL)

Status	DEVELOPED	Hectares	Net	Hectares	Net
	128.000	16.000	0.000	0.000	0.000
Dev:		Undev:			

M00168	LICENCE	CR	128.000	C00051	A	NCPOOL
Sub: E	WI		128.000	MANITOK		3.56300000
ACTIVE	5593090095	BRIKO	4.561	CANLIN		85.75000000
		IKKUMA		PETRUS		7.12500000
		IKKUMA				3.56200000
Count Acreage = No						
Total Rental: 0.00						

TWP 43 RGE 16 W5M N 2
 ALL NG IN CARDIUM (PALE ALE)

Status	DEVELOPED	Hectares	Net	Hectares	Net
	128.000	4.561	0.000	0.000	0.000
Dev:		Undev:			

M00168	LICENCE	CR	64.000	C00077	B	BPEN
Sub: F	WI		64.000	MANITOK		14.59000000
ACTIVE	5593090095	HUSKY	9.338	BRIKO		58.33000000
		HUSKY		CANLIN		12.50000000

TWP 43 RGE 16 W5M NW 2
 (PRODUCTION FROM
 100/14-02-043-16-W5M PENALTY
 WELL)

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MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Gross			Lease Description / Rights Held

(cont'd)

M00168

Sub: F

100.00000000 IKKUMA

Count Acreage = No

PETRUS

14.58000000

Total Rental: 0.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	9.338	0.000	0.000

M00194

Sub: A

ACTIVE

21653

BRIKO

100.00000000 BRIKO

Eff: May 05, 1970

Exp: May 04, 1980

Ext: 15

C00051 A Yes

MANITOK

BRIKO

CANLIN

PETRUS

NCPOOL

3.56300000

85.75000000

7.12500000

3.56200000

TWP 43 RGE 16 W5M S 2
 ALL NG IN CARDIUM (PALE ALE ONLY)

Total Rental: 448.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	128.000	4.561	0.000	0.000

M00168

Sub: G

ACTIVE

5593090095

HUSKY

100.00000000 IKKUMA

Eff: Sep 16, 1993

Exp: Sep 15, 1998

Ext: 15

C00077 H Yes

MANITOK

CANLIN

BRIKO

PETRUS

WI

12.50000000

25.00000000

50.00000000

12.50000000

TWP 43 RGE 16 W5M SEC 11
 PNG TO TOP CARDIUM

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net

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MANITOK ENERGY . INC. Mineral Property Report

Province: ALBERTA
Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)			

(cont'd)

M00168							
Sub: G	DEVELOPED	Dev:	64.000	8.000	Undev:	192.000	24.000

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MANITOK ENERGY . INC. Mineral Property Report

Province: ALBERTA
Area : CORDEL/STOLBERG

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross	Net	Doi Partner(s)	*	*
Mineral Int	Operator / Payor						

Area Total:	Total Gross:	11,392.000	Total Net:	5,927.422	Undev Gross:	8,064.000	Undev Net:	4,164.739
	Dev Gross:	3,328.000	Dev Net:	1,762.683				

REPORTED IN HECTARES

**MANITOK ENERGY . INC.
Mineral Property Report**

Province: ALBERTA
Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Count	Acreage	=	No	Exposure			Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
													Gross	Net	Doi Partner(s)				
Mineral Int	Operator / Payor	Operator / Payor	Status	Hectares	Net	Undev:	Hectares	Net	Hectares	Net	Undev:	Hectares	Net	Hectares	Net	Undev:	Hectares	Net	
M00389	PNG	FH	ACTIVE	WIP	PRAIRIESKY	Jul 19, 1969	Jul 18, 1979	HBP	0.000	0.000			0.000	0.000	0.000				(WELLBORE FOR 16-10 EQUIP/TIE-IN PENALTY)
					MANITOK				0.000	0.000			0.000	0.000	0.000				(WELLBORE 16-10 IN PENALTY FOR EQUIP/TIE IN)
100.00000000	LYNX	MANITOK	DEVELOPED						Count Acreage =	No			0.000	0.000	0.000				
						Total Rental:			0.00				0.000	0.000	0.000				
M00379	PNG	CR	ACTIVE	WI - TRUST	MANITOK	Mar 17, 1994	Mar 16, 1999		128.000	128.000			128.000	128.000	128.000				TWP 22 RGE 22 W4M W 36
					MANITOK				128.000	128.000			128.000	128.000	128.000				ALL PETROLEUM FROM BASE
100.00000000	LYNX	MANITOK	UNDEVELOPED						128.000	128.000			128.000	128.000	128.000				MEDICINE_HAT TO BASE MANNVILLE
						Total Rental:			448.00				0.000	0.000	0.000				
M00380	PNG	FH	ACTIVE	WI - TRUST	MANITOK	Jun 01, 1976	May 31, 1981	HBP	0.809	0.809			0.809	0.809	0.809				TWP 23 RGE 21 W4M PTN LSD 4 SEC
					MANITOK				0.809	0.809			0.809	0.809	0.809				15
100.00000000	LYNX	MANITOK	UNDEVELOPED						0.809	0.809			0.809	0.809	0.809				ALL PETROLEUM
						Total Rental:			0.00				0.000	0.000	0.000				
M00381	PNG	CR	ACTIVE	WI - TRUST	MANITOK	May 24, 1974	May 23, 1984		256.000	256.000			256.000	256.000	256.000				TWP 23 RGE 22 W4M SEC 24
					MANITOK				256.000	256.000			256.000	256.000	256.000				ALL PETROLEUM TO BASE
100.00000000	LYNX	MANITOK	UNDEVELOPED						256.000	256.000			256.000	256.000	256.000				MEDICINE_HAT
						Total Rental:			0.00				0.000	0.000	0.000				

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Gross			Lease Description / Rights Held

(cont'd)

M00381

Sub: A MANITOK
 100.00000000 LYNX

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	256.000

M00382 PNG CR Eff: May 02, 1991 64.000 WI
 Sub: A WI - TRUST Exp: May 01, 1996 64.000 MANITOK * 100.000000000
 ACTIVE 0491050039 Ext: 15 64.000 LYNX
 MANITOK
 100.00000000 LYNX Count Acreage = No Total Rental: 0.00

Total Rental: 0.00

TWP 23 RGE 23 W4M NW 16
 ALL PETROLEUM TO TOP MANNVILLE

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.000	64.000

M00382

Sub: B PNG CR Eff: May 02, 1991 64.000 WI
 ACTIVE WI - TRUST Exp: May 01, 1996 64.000 MANITOK * 100.000000000
 0491050039 Ext: 15 64.000 LYNX
 MANITOK
 100.00000000 LYNX Total Rental: 224.00

Total Rental: 224.00

TWP 23 RGE 23 W4M NW 16
 ALL PETROLEUM IN GLAUCONITIC_SS

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.000	64.000

M00382

Sub: C PNG CR Eff: May 02, 1991 64.000 WI
 ACTIVE WI - TRUST Exp: May 01, 1996 64.000 MANITOK * 100.000000000
 0491050039 Ext: 15 64.000 LYNX

Total Rental: 0.00

TWP 23 RGE 23 W4M NW 16
 ALL PETROLEUM IN MANNVILLE
 EXCL PETROLEUM IN

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MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code				
File Status	Int Type / Lse No/Name		Gross							
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held			
(cont'd)										
M00382										
Sub: C	MANITOK									GLAUCONITIC_SS
100.00000000	LYNX	Count Acreage =	No	Total Rental:	0.00					
		Status	Hectares	Net	Undev:	Hectares	Net			
		UNDEVELOPED	0.000	0.000	0.000	64.000	64.000			
M00383	PNG	CR	Eff: Jun 26, 1997	64.000		WI				TWP 23 RGE 23 W4M NE 16
Sub: A	WI - TRUST		Exp: Jun 25, 2002	64.000	MANITOK	*	100.00000000			ALL PETROLEUM TO BASE
ACTIVE	0497060321	Ext: 15	64.000	LYNX						VIKING_ZONE
100.00000000	MANITOK									
	LYNX	Total Rental:	224.00							
		Status	Hectares	Net	Undev:	Hectares	Net			
		UNDEVELOPED	0.000	0.000	0.000	64.000	64.000			
M00426	PET	FH	Eff: May 27, 2014	64.750		WI				TWP 23 RGE 23 W4M SW 16
Sub: A	WI		Exp: May 26, 2017	64.750	MANITOK		100.00000000			ALL PETROLEUM IN GLAUCONITE_ZONE
ACTIVE	PRAIRIESKY	Ext: HBP	64.750							
100.00000000	MANITOK		Total Rental:	323.75						
	MANITOK	Status	Hectares	Net	Undev:	Hectares	Net			
		DEVELOPED	64.750	64.750	0.000	0.000	0.000			
M00382	PNG	CR	Eff: May 02, 1991	64.000		WI				TWP 23 RGE 23 W4M SE 18
Sub: D	WI - TRUST		Exp: May 01, 1996	64.000	MANITOK	*	100.00000000			ALL PETROLEUM TO BASE
ACTIVE	0491050039	Ext: 15	64.000	LYNX						VIKING_ZONE

**MANITOK ENERGY . INC.
 Mineral Property Report**

REPORTED IN HECTARES

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

(cont'd)

M00382

Sub: D MANITOK
 100.00000000 LYNX

Total Rental: 224.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.000	64.000

M00428 PET FH Eff: May 27, 2014 64.750 WI TWP 24 RGE 22 W4M SW 16
 Sub: A WI Exp: May 26, 2017 64.750 MANITOK 100.00000000 ALL PETROLEUM IN GLAUCONITE_ZONE
 ACTIVE PRAIRIESKY Ext: HBP 64.750
 MANITOK
 100.00000000 MANITOK

Total Rental: 323.75

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000

M00430 PET FH Eff: May 27, 2014 0.000 WI TWP 25 RGE 21 W4M NE 18
 Sub: A WI Exp: May 26, 2017 0.000 MANITOK 100.00000000 ALL PETROLEUM IN
 ACTIVE PRAIRIESKY Ext: HBP 0.000 GLAUCONITE_ZONE;
 MANITOK Total Rental: 0.00 ALL PETROLEUM IN ELLERSLIE
 100.00000000 MANITOK (EXCL. THE 15-18 AND 16-18 WELLS)

Status	Hectares	Net	Hectares	Net
DEVELOPED	0.000	0.000	0.000	0.000

M00430 PET FH Eff: May 27, 2014 64.750 C01300 A No TWP 25 RGE 21 W4M NE 18
 Sub: B NI Exp: May 26, 2017 64.750 MANITOK TRUST ALL PETROLEUM IN
 ACTIVE PRAIRIESKY Ext: HBP 0.000 DOAG * 100.00000000 GLAUCONITE_ZONE;

**MANITOK ENERGY . INC.
Mineral Property Report**

REPORTED IN HECTARES

Province: ALBERTA
Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00430	B	MANITOK					ALL PETROLEUM IN ELLERSLIE (INCL. THE 15-18 AND 16-18 WELLS ONLY)
100.00000000	MANITOK						
			Total Rental:	323.75			
Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Net
		0.000	0.000	0.000	0.000	0.000	0.000

M00431	PET	FH	Eff: May 27, 2014	259.000	A	No	TRUST
Sub: A	NI		Exp: May 26, 2017	259.000			MANITOK
ACTIVE	PRAIRIESKY		Ext: HBP	0.000			* 100.000000000
100.00000000	MANITOK						ALL PETROLEUM IN GLAUCONITE_ZONE
			Total Rental:	1295.00			
Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Net
DEVELOPED		259.000	0.000	0.000	0.000	0.000	0.000

M00431	PET	FH	Eff: May 27, 2014	0.000			WI
Sub: B	WI		Exp: May 26, 2017	0.000			MANITOK
ACTIVE	PRAIRIESKY		Ext: HBP	0.000			100.000000000
100.00000000	MANITOK						ALL PETROLEUM IN GLAUCONITE_ZONE
			Total Rental:	0.00			
Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Net
		0.000	0.000	0.000	0.000	0.000	0.000

M00432	PET	FH	Eff: May 27, 2014	0.000			WI
Sub: A	WI		Exp: May 26, 2017	0.000			MANITOK
ACTIVE	PRAIRIESKY		Ext: HBP	0.000			100.000000000
100.00000000	MANITOK						ALL PETROLEUM IN GLAUCONITE_ZONE
			Total Rental:	0.00			
Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Net
		0.000	0.000	0.000	0.000	0.000	0.000

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**MANITOK ENERGY . INC.
Mineral Property Report**

Province: ALBERTA
Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	Net	Hectares	Net
Mineral Int						*	Dev:	Undev:	Net
(cont'd)									
M00432							Total Rental: 0.00		
Sub: A	MANITOK								
100.00000000	MANITOK								
M00432	PET	FH	Eff: May 27, 2014	64.750	C01300	B	No		TRUST
Sub: B	NI		Exp: May 26, 2017	64.750	MANITOK				(EXCLS. 5-30 WELL)
ACTIVE	PRAIRIESKY		Ext: HBP	0.000	DOAG	*		100.000000000	ALL PETROLEUM IN GLAUCONITE_ZONE
	MANITOK								
100.00000000	MANITOK						Total Rental: 323.75		
M01303	NG	FH	Eff: May 01, 2015	129.500	C00198	D1	Yes		WI
Sub: A	WI		Exp: Apr 30, 2018	129.500	MANITOK			50.000000000	ALL NG IN UPPER_MANNVILLE_M;
ACTIVE	PRAIRIESKY		Ext: HBP	64.750	PRAIRIE PROV			50.000000000	(1470.0-1502.0m TVD BASED ON
	PRAIRIE PROV								THE COMPUTALOG NEUTRON-DENSITY
100.00000000	PRAIRIE PROV						Total Rental: 356.13		LOG OF THE 100/14-09-025-22W4
									WELL)
									ALL NG IN UPPER_MANNVILLE_P
									(1511.0-1543.0m TVD BASED ON
									THE SCHLUMBERGER COMPENSATED
									NEUTRON LITHO DENSITY LOG OF
									THE 100/16-12-025-23W4 WELL)

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	HBP	Oper. Cont.	ROFR	DOI Code	Exposure			Lease Description / Rights Held		
													Gross	Net	Doi Partner(s)			
Mineral Int													Net	Doi Partner(s)	*	*		
M01304	PET	FH				May 01, 2015	Apr 30, 2018						WI	64.750	C00198	D2	Yes	TWP 25 RGE 22 W4M NE 7
Sub: A	WI												WI	64.750	MANITOK			ALL PETROLEUM IN
ACTIVE	PRAIRIESKY												WI	32.375	PRAIRIE PROV			UPPER_MANNVILLE_M;
	PRAIRIE PROV												WI					ALL PETROLEUM IN
100.00000000	PRAIRIE PROV												WI					UPPER_MANNVILLE_P
															Total Rental:	178.06		
															Net	32.375		
															Undev:	0.000		
															Net	0.000		
															Undev:	0.000		
															Net	0.000		
															Undev:	0.000		
M01305	PET	FH				May 01, 2015	Apr 30, 2018						WI	64.750	C00198	D2	Yes	TWP 25 RGE 22 W4M NW 7
Sub: A	WI												WI	64.750	MANITOK			ALL PETROLEUM IN
ACTIVE	PRAIRIESKY												WI	32.375	PRAIRIE PROV			UPPER_MANNVILLE_M;
	PRAIRIE PROV												WI					ALL PETROLEUM IN
100.00000000	PRAIRIE PROV												WI					UPPER_MANNVILLE_P
															Total Rental:	178.06		
															Net	32.375		
															Undev:	0.000		
															Net	0.000		
															Undev:	0.000		
															Net	0.000		
															Undev:	0.000		
M00384	PNG	FH				Jan 25, 2003	Jan 24, 2006						WI	0.049				TWP 25 RGE 22 W4M PTN SE 10
Sub: A	WI - TRUST												WI	0.049	MANITOK	*		(PLAN 2540 AM, BLOCK 9, LOT 29)
ACTIVE	LINDEN, DAVID												WI	0.049	LYNX			ALL PETROLEUM
	MANITOK																	
100.00000000	LYNX														Total Rental:	0.00		
															Net	0.000		
															Undev:	0.049		
															Net	0.049		
															Undev:	0.049		
M00385	PNG	FH				Jan 31, 2003	Jan 30, 2006						WI	0.097				TWP 25 RGE 22 W4M SE 10
Sub: A	WI - TRUST												WI	0.097	MANITOK	*		(PLAN 2540 AM, BLOCK 8, LOT

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**MANITOK ENERGY, INC.
 Mineral Property Report**

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*		
Mineral Int			Gross					
(cont'd)								
M00385								
Sub: A								
ACTIVE	MCMURRAY, BRUCE Ext: HBP	MANITOK	0.097	LYNX			4-6) ALL PETROLEUM	
100.00000000	LYNX		Total Rental:	0.00			Hectares	Net
							0.097	0.097
M00386								
Sub: A								
ACTIVE	PNG FH Eff: Feb 07, 2003 WI - TRUST Exp: Feb 06, 2006 ANDRUS. F. & B. Ext: HBP	MANITOK	0.093	LYNX			TWP 25 RGE 22 W4M SE 10 (PLAN 2540AM, BLOCK 8, LOTS 1 TO 3 INCLUSIVE) ALL PETROLEUM	
100.00000000	LYNX		Total Rental:	1.00			Hectares	Net
							0.093	0.093
M00387								
Sub: A								
ACTIVE	PNG FH Eff: Feb 07, 2003 WI - TRUST Exp: Feb 06, 2006 HUSEBY, MARCIA ANExt: HBP	MANITOK	0.121	LYNX			TWP 25 RGE 22 W4M PTN SE 10 (PLAN 2540 AM, BLOCK 9, LOTS 26 AND 27) ALL PETROLEUM	
100.00000000	LYNX		Total Rental:	0.00			Hectares	Net
							0.121	0.121
M00388								
PNG	FH	Eff: Feb 06, 2003	0.372	WI			TWP 25 RGE 22 W4M PTN SE 10	

MANITOK ENERGY, INC.
Mineral Property Report

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Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int	Operator / Payor	Operator / Payor	Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00388	WI - TRUST	MANITOK	0.372	MANITOK	0.372	100.00000000	(PLAN 2540AM, BLOCK 12, LOTS 1 AND 2) ALL PETROLEUM
Sub: A	NAZARETH LUTHER/Ext: HBP	MANITOK	0.372	LYNX	0.000	0.000	0.372
100.00000000	LYNX	MANITOK			Total Rental: 0.00		
M00389	PNG	FH	258.276	MANITOK	258.276	100.00000000	TWP 25 RGE 22 W4M PTN SEC 10 (EXCL N 10 PETROLEUM IN GLAUCONITIC)
Sub: A	WI - TRUST	MANITOK	258.276	MANITOK	258.276	100.00000000	ALL PETROLEUM (EXCL N10 PETROLEUM IN GLAUCONITIC)
ACTIVE	PRAIRIESKY	MANITOK	258.276	LYNX	0.000	0.000	258.276
100.00000000	LYNX	MANITOK			Total Rental: 0.00		
M00389	PNG	FH	258.276	MANITOK	258.276	5.00000000	TWP 25 RGE 22 W4M N10
Sub: B	WI - TRUST	MANITOK	258.276	MANITOK	258.276	95.00000000	ALL PETROLEUM IN GLAUCONITIC (EXCL WELLBORE 16-10 IN PENALTY FOR EQUIP/TIE IN)
ACTIVE	PRAIRIESKY	MANITOK	12.914	PRAIRIE PROV	12.914	95.00000000	
100.00000000	LYNX	MANITOK			Total Rental: 638.21		
M01321	NG	FH	129.500	C00198	129.500	0.000	TWP 25 RGE 22 W4M SE 16, SW 16
				A	Yes	0.000	

MANITOK ENERGY, INC.
Mineral Property Report

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 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
M01321	WI	Exp: Apr 30, 2018	129.500	MANITOK	5.00000000		
ACTIVE	PRAIRIESKY	Ext: HBP	6.475	PRAIRIE PROV	95.00000000		ALL NG IN UPPER_MANNVILLE_M; (1470.0-1502.0m TVD BASED ON THE COMPUTALOG NEUTRON-DENSITY LOG OF THE 100/14-09-025-22W4 WELL)
100.00000000	PRAIRIE PROV	Total Rental: 356.13					
	PRAIRIE PROV						
	DEVELOPED	Dev:	129.500	Net 6.475	Undev:	0.000	Net 0.000
M01324	PET	Exp: May 01, 2015	64.750	C00198 A	Yes	WI	
ACTIVE	PRAIRIESKY	Ext: HBP	64.750	MANITOK	5.00000000		TWP 25 RGE 22 W4M SE 16 ALL PETROLEUM IN UPPER_MANNVILLE_M; ALL PETROLEUM IN UPPER_MANNVILLE_P
100.00000000	PRAIRIE PROV	Total Rental: 178.06					
	PRAIRIE PROV						
	UNDEVELOPED	Dev:	0.000	Net 0.000	Undev:	64.750	Net 3.238
M01325	PET	Exp: May 01, 2015	64.750	C00198 A	Yes	WI	
ACTIVE	PRAIRIESKY	Ext: HBP	64.750	MANITOK	5.00000000		TWP 25 RGE 22 W4M SW 16 ALL PETROLEUM IN UPPER_MANNVILLE_M; ALL PETROLEUM IN UPPER_MANNVILLE_P
100.00000000	PRAIRIE PROV	Total Rental: 178.06					
	PRAIRIE PROV						
	DEVELOPED	Dev:	64.750	Net 3.238	Undev:	0.000	Net 0.000
M01326	NG	Exp: May 01, 2015	129.500	C00198 E1	Yes	WI	
	FH						TWP 25 RGE 22 W4M S 17

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MANITOK ENERGY. INC.
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BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*	
Mineral Int	Status	UNDEVELOPED	Dev:	Hectares	Net	Undev:	Hectares	Net
M01326	WI	FH	Exp: Apr 30, 2018	129.500	MANITOK	50.00000000	ALL NG IN UPPER_MANNVILLE_M; (1470.0-1502.0m TVD BASED ON THE COMPUTALOG NEUTRON-DENSITY LOG OF THE 100/14-09-025-22W4 WELL)	
ACTIVE	PRAIRIESKY	PRAIRIE PROV	Ext: HBP	64.750	PRAIRIE PROV	50.00000000		
100.00000000	PRAIRIE PROV	PRAIRIE PROV	Total Rental: 356.13	0.000	Net	129.500	64.750	
				0.000	Undev:	0.000	64.750	
M01329	PET	FH	Exp: May 01, 2015	64.750	C00198 E Yes	WI	TWP 25 RGE 22 W4M SE 17	
ACTIVE	PRAIRIESKY	PRAIRIE PROV	Ext: HBP	64.750	MANITOK	50.00000000	ALL PETROLEUM IN UPPER_MANNVILLE_M; ALL PETROLEUM IN UPPER_MANNVILLE_P	
100.00000000	PRAIRIE PROV	PRAIRIE PROV	Total Rental: 178.06	32.375	Net	50.00000000	0.000	
				32.375	Undev:	0.000	0.000	
M01330	PET	FH	Exp: May 01, 2015	64.750	C00198 E Yes	WI	TWP 25 RGE 22 W4M SW 17	
ACTIVE	PRAIRIESKY	PRAIRIE PROV	Ext: HBP	64.750	MANITOK	50.00000000	ALL PETROLEUM IN UPPER_MANNVILLE_M; ALL PETROLEUM IN UPPER_MANNVILLE_P	
100.00000000	PRAIRIE PROV	PRAIRIE PROV	Total Rental: 178.06	32.375	Net	50.00000000	32.375	
				32.375	Undev:	64.750	64.750	
M00390	PNG	FH	Exp: Oct 17, 1970	259.000		WI	TWP 25 RGE 22 W4M SEC 18	

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BASE AREA ASSETS (NOV 27, 2018)

Province: ALBERTA
 Area : ROCKYFORD

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)			
(cont'd)							
M00390	WI - TRUST		259.000	MANITOK	*	100.000000000	ALL PETROLEUM
Sub: A	Exp: Oct 16, 1980	Ext: HBP	259.000	LYNX			
ACTIVE	MANITOK		Total Rental: 640.00				
100.00000000	LYNX						
			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		259.000	259.000
M00377	PNG	FH	194.250	C00198	A	Yes	WI
Sub: Q	Exp: May 27, 2014	Ext: EXTPRIM	194.250	MANITOK			5.000000000
ACTIVE	MANITOK		9.713	PRAIRIE PROV			95.000000000
100.00000000	MANITOK		Total Rental: 971.25				
ACTIVE	MANITOK						
100.00000000	MANITOK						
			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		194.250	9.713
M01861	NG	FH	129.500	C00198	A	Yes	WI
Sub: A	Exp: May 27, 2014	Ext: EXTPRIM	129.500	MANITOK			5.000000000
ACTIVE	MANITOK		6.475	PRAIRIE PROV			95.000000000
100.00000000	MANITOK		Total Rental: 647.50				
ACTIVE	MANITOK						
100.00000000	MANITOK						
			Hectares	Net	Undev:	Hectares	Net
			129.500	6.475		0.000	0.000
M01862	NG	FH	129.500	C00198	A	Yes	WI
	Exp: May 27, 2014						TWP 25 RGE 22 W4M S 21

REPORTED IN HECTARES

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01862	WI - TRUST	PRAIRIESKY	129.500	MANITOK	6.475	5.00000000	ALL NG FROM BASE MEDICINE_HAT TO BASE MANNVILLE
	PRAIRIE PROV	ENCANA	6.475	PRAIRIE PROV	647.50	95.00000000	
100.00000000			Total Rental:	647.50			
			Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		129.500	6.475		0.000	0.000
M00391	PNG	FH	129.500	MANITOK		100.00000000	TWP 25 RGE 22 W4M SEC 22 (EXCL W 22 PETROLEUM IN ELLERSLIE)
Sub: A	WI - TRUST	PRAIRIESKY	129.500	PRAIRIE PROV			ALL PETROLEUM (EXCL PETROLEUM IN ELLERSLIE)
ACTIVE	MANITOK	LYNX	129.500		320.00		
100.00000000			Total Rental:	320.00			
			Hectares	Net	Undev:	Hectares	Net
	UNDEVELOPED		0.000	0.000		129.500	129.500
M00391	PNG	FH	129.500	C00198	B Yes	WI	TWP 25 RGE 22 W4M W 22
Sub: B	WI - TRUST	PRAIRIESKY	129.500	PRAIRIE PROV		95.00000000	ALL PETROLEUM FROM TOP ELLERSLIE TO BASE ELLERSLIE
ACTIVE	MANITOK	LYNX	129.500		320.00		
100.00000000			Total Rental:	320.00			
			Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		129.500	6.475		0.000	0.000
M01860	NG	FH	256.000	C00198	I Yes	WI	TWP 25 RGE 22 W4M SEC 22

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MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*		
Mineral Int			Gross					
(cont'd)								
M01860	WI - TRUST		256.000	MANITOK	*	5.00000000	ALL NG FROM BASE MEDICINE_HAT TO BASE MANNVILLE	
Sub: A	PRAIRIESKY		12.800	PRAIRIE PROV		95.00000000		
ACTIVE	PRAIRIE PROV							
100.00000000	LYNX							
			Total Rental:	640.00				
				Net		Hectares	Net	
				3.200		192.000	9.600	
			Dev:			Undev:		
M01856	PET	FH	Eff: May 27, 2014	64.750	C00198	B	Yes	WI
Sub: A	WI		Exp: May 26, 2015	64.750	PRAIRIE PROV	*		95.00000000
ACTIVE	PRAIRIESKY		Ext: HBP	3.238	MANITOK			5.00000000
	MANITOK							
100.00000000	MANITOK							
			Total Rental:	323.75				
				Net		Hectares	Net	
				3.238		0.000	0.000	
			Dev:			Undev:		
M01857	PET	FH	Eff: May 27, 2014	64.750	C00198	B	Yes	WI
Sub: A	WI		Exp: May 26, 2015	64.750	PRAIRIE PROV	*		95.00000000
ACTIVE	PRAIRIESKY		Ext: HBP	3.238	MANITOK			5.00000000
	MANITOK							
100.00000000	MANITOK							
			Total Rental:	323.75				
				Net		Hectares	Net	
				3.238		0.000	0.000	
			Dev:			Undev:		
M00377	PNG	FH	Eff: May 27, 2014	129.500	C00198	K	Yes	BPEN
								TWP 25 RGE 22 W4M E 28

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross		
Mineral Int			Net	Doi Partner(s)			
(cont'd)							
M00377	PEN		129.500	PRAIRIE PROV		100.000000000	ALL PETROLEUM IN ELLERSLIE
Sub: K	PRAIRIESKY	MANITOK	0.000	MANITOK			
ACTIVE	MANITOK						
100.000000000	MANITOK						
			Total Rental:	647.50			
			Status	Net	Hectares	Hectares	Net
			UNDEVELOPED	0.000	0.000	129.500	0.000
			Dev:	Undev:			
M00424	PET	FH	129.500	C00198	B Yes	WI	TWP 25 RGE 22 W4M NW 35, NE 35
Sub: A	WI		129.500	PRAIRIE PROV	*	95.000000000	ALL PETROLEUM IN ELLERSLIE
ACTIVE	PRAIRIESKY	MANITOK	6.475	MANITOK		5.000000000	
100.000000000	PRAIRIE PROV						
	MANITOK		Total Rental:	647.50			
			Status	Net	Hectares	Hectares	Net
			DEVELOPED	6.475	0.000	0.000	0.000
			Dev:	Undev:			
M01859	NG	FH	259.000	C00198	I Yes	WI	TWP 25 RGE 22 W4M SEC 35
Sub: A	WI - TRUST		259.000	MANITOK	*	5.000000000	ALL NG FROM BASE MEDICINE_HAT
ACTIVE	PRAIRIESKY	MANITOK	12.950	PRAIRIE PROV		95.000000000	TO BASE MANNVILLE
100.000000000	PRAIRIE PROV						
	ENCANA		Total Rental:	1295.00			
			Status	Net	Hectares	Hectares	Net
			DEVELOPED	3.200	64.000	195.000	9.750
			Dev:	Undev:			
M00392	PNG	FH	259.000	C00194	A Yes	WI	TWP 25 RGE 23 W4M SEC 32

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Dev	Undev	Hectares	Net
Mineral Int			Gross					
(cont'd)								
M00392	WI - TRUST	MANITOK	259.000	MANITOK	80.25930000	19.74070000	ALL PETROLEUM TO BASE PEKISKO	
Sub: A	PRAIRIESKY	MANITOK	207.872	TAGA NORT				
ACTIVE	MANITOK							
100.00000000	LYNX			Total Rental: 640.00				
M00434	PET	FH	Eff: May 27, 2014	0.000	WI		TWP 26 RGE 21 W4M SE 4	
Sub: A	WI		Exp: May 26, 2017	0.000	MANITOK	100.00000000	(INCLS. ONLY 100/01-04 WELL)	
ACTIVE	PRAIRIESKY		Ext: HBP	0.000			ALL PETROLEUM IN GLAUCONITE_ZONE	
100.00000000	MANITOK		Total Rental: 0.00					
100.00000000	MANITOK							
M00434	PET	FH	Eff: May 27, 2014	64.750	C01300 B No	TRUST	TWP 26 RGE 21 W4M SE 4	
Sub: B	NI		Exp: May 26, 2017	64.750	MANITOK		(EXCLS. THE 100/01-04 WELL)	
ACTIVE	PRAIRIESKY		Ext: HBP	0.000	DOAG	* 100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE	
100.00000000	MANITOK		Total Rental: 323.75					
100.00000000	MANITOK							
M00393	PNG	CR	Eff: Jun 02, 2000	14.388	WI		TWP 26 RGE 21 W4M E 33	

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code		
File Status	Int Type / Lse No/Name		Gross					
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held	
(cont'd)								
M00393	WI - TRUST		14.388	MANITOK	*	100.000000000	ALL PETROLEUM TO BASE	
Sub: A	0400060595	Exp: Jun 01, 2005	14.388	LYNX			VIKING_ZONE	
ACTIVE	MANITOK	Ext: 15						
100.00000000	LYNX							
		Total Rental:	50.36					
		Status	Hectares	Net	Undev:	Hectares	Net	
		UNDEVELOPED	0.000	0.000		14.388	14.388	
		Dev:						
M00395	PNG	CR	128.000	MANITOK	*	100.000000000	TWP 26 RGE 21 W4M N 34	
Sub: A	WI - TRUST	Exp: Oct 17, 1996	128.000	LYNX			ALL PETROLEUM TO BASE	
ACTIVE	0496100450	Exp: Oct 16, 2001	128.000	LYNX			VIKING_ZONE	
100.00000000	MANITOK	Ext: 15						
LYNX		Total Rental:	448.00					
		Status	Hectares	Net	Undev:	Hectares	Net	
		UNDEVELOPED	0.000	0.000		128.000	128.000	
		Dev:						
M00396	PNG	FH	128.303	MANITOK	*	100.000000000	TWP 26 RGE 23 W4M PTN SEC 35	
Sub: A	WI - TRUST	Exp: Aug 15, 1970	128.303	LYNX			PETROLEUM IN BASAL_BELLY_RIVER	
ACTIVE	PRAIRIESKY	Exp: Aug 14, 1980	128.303	LYNX			(DEFINED AS THE INTERVAL	
100.00000000	MANITOK	Ext: HBP					BETWEEN 699.0 METRES AND 723.0	
LYNX		Total Rental:	317.04				METRES TVD AS MEASURED ON THE	
		Status	Hectares	Net	Undev:	Hectares	Net	
		UNDEVELOPED	0.000	0.000		128.303	128.303	
		Dev:						

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MANITOK ENERGY . INC.
Mineral Property Report

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Province: ALBERTA
Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Ext:	Exposure Gross Net	Oper.Cont. Doi Partner(s)	ROFR *	DOI Code	Lease Description / Rights Held	Net	Hectares	Undev:	Dev:	Status	Net	Hectares	Net	Hectares	Net	
																					WI
M00396	PNG	FH		Aug 15, 1970		128.302				TWP 26 RGE 23 W4M PTN SEC 35					UNDEVELOPED						
Sub: B	WI - TRUST			Aug 14, 1980		128.302	MANITOK	*	100.000000000	PETROLEUM IN ELLERSLIE											
ACTIVE	PRAIRIESKY		HBP			128.302	LYNX			(DEFINED AS THE INTERVAL											
	MANITOK									BETWEEN 1520.3 METRES AND											
	LYNX									1557.0 METRES TVD AS MEASURED											
								317.04		ON THE NEUTRON DENSITY LOG IN											
										100/06-35-026-23W4M WELL)											

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MANITOK ENERGY . INC. Mineral Property Report

Province: ALBERTA

Area : ROCKYFORD

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross	Net	Doi Partner(s)	*	*
Mineral Int	Operator / Payor						

Area Total:	Total Gross:	4,275.060	Total Net:	2,055.110	Undev Gross :	2,529.034	Undev Net :	1,650.364
	Dev Gross:	1,746.026	Dev Net:	404.746				

MANITOK ENERGY. INC.
Mineral Property Report
BASE AREA ASSETS (NOV 27, 2018)

Province: ALBERTA
 Area : WAYNE

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Ext:	Oper.Cont.	ROFR	DOI Code	Exposure		Lease Description / Rights Held
									Net	Gross	
		Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Hectares	Net	
M00411	PNG	CR	Mar 25, 1994			0.000		WI			(103/02-12-028-21-W4/00 WELL ONLY)
Sub: B	WI - TRUST		Mar 24, 1999			0.000	MANITOK		100.00000000		(PRODUCTION GOVERNED BY PAUA NO. 1)
ACTIVE	0494030291		18			0.000	Total Rental: 0.00				
100.00000000	MANITOK		Aug 03, 2018			0.00					
	LYNX										
M00465	PET	FH	May 27, 2014			129.500	C00198 C1 Yes	BPEN			(WELLBORE 13-22 IN PENALTY FOR EQUIP/TIE-IN)
Sub: B	PEN		May 26, 2015			129.500	MANITOK				ALL PETROLEUM IN ELLERSLIE
ACTIVE	PRAIRIESKY		HBP			0.000	PRAIRIE PROV		100.00000000		
	PRAIRIE PROV						Total Rental: 647.50				
100.00000000	MANITOK										
M00397	PNG	FH	Nov 19, 1968			193.845	C00185 A Yes	WI			TWP 27 RGE 21 W4M E & NW 5
Sub: A	WI - TRUST		Nov 18, 1978			193.845	MANITOK		87.50000000		ALL PETROLEUM
ACTIVE	PRAIRIESKY		HBP			169.614	HARVARD		12.50000000		EXGL PETROLEUM FROM TOP
	MANITOK						Total Rental: 479.00				PALEOZOIC TO BASE PEKISKO
100.00000000	LYNX										
M00398	PNG	FH	Nov 19, 1968			259.000	C00185 B Yes	WI			TWP 27 RGE 21 W4M SEC 9
Sub: A	WI - TRUST		Nov 18, 1978			259.000	MANITOK		87.50000000		ALL PETROLEUM
ACTIVE	PRAIRIESKY		HBP			226.625	HARVARD		12.50000000		EXGL PETROLEUM FROM TOP

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	
Mineral Int	Status	Dev:	Hectares	Net	Undev:	Hectares	
(cont'd)							
M00398	Sub: A	MANITOK					PALEOZOIC TO BASE PEKISKO
100.00000000	ENCANA CORPORAT			Total Rental: 640.00			
			UNDEVELOPED	Hectares: 0.000	Net: 0.000	Undev: 259.000	Net: 226.625
M00399	PNG	CR	Eff: Sep 17, 1998	64.000		TRUST	TWP 27 RGE 21 W4M NE 16
Sub: A	WI - TRUST		Exp: Sep 16, 2003	64.000	MANITOK	100.00000000	ALL PETROLEUM TO BASE MANNVILLE
ACTIVE	0498090338		Ext: 15	64.000	LYNX		
	MANITOK						
100.00000000	ENCANA CORPORAT			Total Rental: 224.00			
			UNDEVELOPED	Hectares: 0.000	Net: 0.000	Undev: 64.000	Net: 64.000
M00400	PNG	CR	Eff: Sep 21, 1973	128.000	C00192 A Yes	WI	TWP 27 RGE 21 W4M S 18
Sub: A	WI - TRUST		Exp: Sep 20, 1983	128.000	MANITOK	68.75000000	ALL PETROLEUM TO BASE
ACTIVE	32610		Ext: 15	88.000	HARVARD	31.25000000	BELLY_RIVER
	MANITOK						
100.00000000	LYNX			Total Rental: 448.00			
			UNDEVELOPED	Hectares: 0.000	Net: 0.000	Undev: 128.000	Net: 88.000
M00401	PNG	FH	Eff: Nov 19, 1968	129.500	C00192 A Yes	WI	TWP 27 RGE 21 W4M N 18
Sub: A	WI - TRUST		Exp: Nov 18, 1978	129.500	MANITOK	68.75000000	ALL PETROLEUM
ACTIVE	PRAIRIESKY		Ext: HBP	89.031	HARVARD	31.25000000	

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	

(cont'd)

M00401

Sub: A MANITOK
 100.00000000 LYNX

Total Rental: 320.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	129.500	89.031
Dev:			Undev:	

M00436

PET FH
 Sub: A WI
 ACTIVE PRAIRIESKY
 MANITOK
 100.00000000 MANITOK

TWP 27 RGE 21 W4M NE 21
 ALL PETROLEUM IN ELLERSLIE

Eff: May 27, 2014
 Exp: May 26, 2017
 Ext: HBP
 Total Rental: 323.75

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.750	64.750	0.000	0.000
Dev:			Undev:	

M00402

PNG CR
 Sub: A WI - TRUST
 ACTIVE 879
 MANITOK
 100.00000000 LYNX

TWP 27 RGE 21 W4M SE 22
 ALL PETROLEUM TO BASE MANNVILLE

Eff: Apr 02, 1963
 Exp: Apr 01, 1973
 Ext: 15
 Total Rental: 224.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	64.000	64.000
Dev:			Undev:	

M00403

PNG CR
 Sub: A WI - TRUST
 ACTIVE 26063

TWP 27 RGE 21 W4M SW 22
 ALL PETROLEUM TO BASE MANNVILLE

Eff: Sep 27, 1971
 Exp: Sep 26, 1981
 Ext: 15
 Total Rental: 224.00

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	* * *		
Mineral Int	Status	Hectares	Net	Undev:	Hectares			Net
	UNDEVELOPED	Dev:	Hectares	Net	Undev:			Hectares
(cont'd)								
M00403					Total Rental: 224.00			
Sub: A	MANITOK							
100.00000000	LYNX		0.000	0.000	224.00	64.000	64.000	
M00404	PNG	CR	Eff: Feb 07, 1975	64.000		WI	TWP 27 RGE 21 W4M NW 24	
Sub: A	WI - TRUST		Exp: Feb 06, 1985	64.000	MANITOK	*	ALL PETROLEUM TO BASE MANNVILLE	
ACTIVE	38148		Ext: 15	64.000	LYNX		(EXCL PETROLEUM IN UPPER BELLY RIVER,	
100.00000000	MANITOK						BASAL_BELLY_RIVER_SANDST,	
	LYNX				Total Rental: 224.00		GLAUCONITIC_SS, OSTRACOD_ZONE,	
							BASAL_QUARTZ, VIKING_ZONE,	
							BASAL_COLORADO_SANDSTONE)	
M00377	PNG	FH	Eff: May 27, 2014	129.500	C00198 A	WI	TWP 27 RGE 21 W4M SW 25, NW 25	
Sub: N	WI		Exp: May 26, 2015	129.500	MANITOK		ALL PETROLEUM IN ELLERSLIE	
ACTIVE	PRAIRIESKY		Ext: EXTPRIM	6.475	PRAIRIE PROV			
100.00000000	MANITOK		Ext: Jun 15, 2020					
	MANITOK				Total Rental: 647.50			
M00377	PNG	FH	Eff: May 27, 2014	256.000	C00198 H1	BPEN	TWP 27 RGE 21 W4M SEC 26	

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MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00377	PEN	PRAIRIESKY	Exp: May 26, 2015	256.000	PRAIRIE PROV	100.000000000	ALL PETROLEUM IN ELLERSLIE (EXCL. THE 100/09-26-027-21-W4/00 WELL)
	ACTIVE	MANITOK	Ext: HBP	0.000	MANITOK		
100.00000000		MANITOK	Total Rental: 1280.00				
				Hectares	Net	Hectares	Net
			UNDEVELOPED	0.000	0.000	256.000	0.000
			Dev:		Undev:		
M00377	PNG	FH	Exp: May 27, 2014	0.000	MANITOK	WI	TWP 27 RGE 21 W4M SEC 26
	ACTIVE	MANITOK	Ext: HBP	0.000		100.000000000	ALL PETROLEUM IN ELLERSLIE (100/09-26-027-21-W4/00 WELL ONLY)
100.00000000		MANITOK	Total Rental: 0.00				
				Hectares	Net	Hectares	Net
			UNDEVELOPED	0.000	0.000	0.000	0.000
			Dev:		Undev:		
M00378	PET	FH	Exp: May 26, 2017	129.500	MANITOK	WI	TWP 27 RGE 21 W4M NW 28, SE 28
	ACTIVE	MANITOK	Ext: HBP	129.500		100.000000000	ALL PETROLEUM IN ELLERSLIE
100.00000000		MANITOK	Total Rental: 647.50				
				Hectares	Net	Hectares	Net
			UNDEVELOPED	0.000	0.000	129.500	129.500
			Dev:		Undev:		
M00437	PET	FH	Exp: May 27, 2014	129.500		WI	TWP 27 RGE 21 W4M NW 33, SW 33

MANITOK ENERGY . INC.
Mineral Property Report

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Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross		
Mineral Int			Net	Doi Partner(s)			
(cont'd)							
M00437	WI	MANITOK	129.500	MANITOK	129.500	100.000000000	ALL PETROLEUM IN ELLERSLIE
Sub: A	Exp: May 26, 2017	Ext: HBP	129.500	647.50			
ACTIVE	PRAIRIESKY	MANITOK					
100.000000000	MANITOK						
100.000000000	MANITOK						
Total Rental: 647.50							
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		129.500	129.500		0.000	0.000
M00405	PNG	CR	64.000	MANITOK	64.000	100.000000000	TWP 27 RGE 22 W4M SE 10
Sub: A	Exp: Jun 01, 2000	Ext: 15	64.000	MANITOK	64.000		ALL PETROLEUM TO BASE
ACTIVE	WI - TRUST	MANITOK		LYNX			BELLY_RIVER
0400060026	MANITOK						
100.000000000	LYNX						
Total Rental: 224.00							
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	UNDEVELOPED		0.000	0.000		64.000	64.000
M00405	PNG	CR	64.000	MANITOK	64.000	100.000000000	TWP 27 RGE 22 W4M NE 10
Sub: B	Exp: Jun 01, 2000	Ext: 15	64.000	MANITOK	64.000		ALL PETROLEUM TO BASE EDMONTON
ACTIVE	WI - TRUST	MANITOK		LYNX			
0400060026	MANITOK						
100.000000000	LYNX						
Total Rental: 224.00							
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	UNDEVELOPED		0.000	0.000		64.000	64.000
M00438	PET	FH	64.750	MANITOK	64.750	100.000000000	TWP 27 RGE 22 W4M NW 20
Sub: A	Exp: May 27, 2014	Ext: 15	64.750	MANITOK	64.750		
ACTIVE	WI - TRUST	MANITOK		LYNX			
0400060026	MANITOK						
100.000000000	LYNX						
Total Rental: 224.00							
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	UNDEVELOPED		0.000	0.000		64.000	64.000

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 Area : WAYNE

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00438	WI		64.750	MANITOK		100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE (EXCL. PETROLEUM IN GLAUC F9F POOL)
Sub: A	PRAIRIESKY		64.750				
ACTIVE	MANITOK			Total Rental: 323.75			
100.00000000	MANITOK						
(cont'd)							
M00406	PNG	CR	64.000	MANITOK		100.00000000	TWP 27 RGE 22 W4M SE 24 ALL PETROLEUM TO BASE MANNVILLE
Sub: A	WI - TRUST		64.000	MANITOK			
ACTIVE	0401030124		64.000	LYNX			
MANITOK				Total Rental: 224.00			
100.00000000	LYNX						
(cont'd)							
M00439	PET	FH	64.750	MANITOK		100.00000000	TWP 27 RGE 22 W4M NW 27 ALL PETROLEUM IN GLAUCONITE_ZONE (EXCL. PETROLEUM GLAUC F9F POOL)
Sub: A	WI		64.750	MANITOK			
ACTIVE	PRAIRIESKY		64.750				
MANITOK				Total Rental: 323.75			
100.00000000	MANITOK						
(cont'd)							
M00440	PET	FH	64.750				TWP 27 RGE 22 W4M NE 28

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00440	WI		64.750	MANITOK		100.00000000	
Sub: A	Exp: May 26, 2017	Ext: HBP	64.750				
ACTIVE	PRAIRIESKY	MANITOK					ALL PETROLEUM IN GLAUCONITE_ZONE
	MANITOK						EXCL PETROLEUM IN GLAUC_F9F
100.00000000			Total Rental: 323.75				
			Hectares	Net	Undev:	Hectares	Net
			64.750	64.750		0.000	0.000

M00441	PET	FH	64.750	MANITOK		100.00000000	
Sub: A	Exp: May 27, 2014	Ext: HBP	64.750				
ACTIVE	Exp: May 26, 2017	Ext: HBP	64.750				
	PRAIRIESKY	MANITOK					TWP 27 RGE 22 W4M NW 30
	MANITOK						ALL PETROLEUM IN ELLERSLIE
100.00000000			Total Rental: 323.75				
			Hectares	Net	Undev:	Hectares	Net
			64.750	64.750		0.000	0.000

M00443	PET	FH	64.750	C00009 AO No		100.00000000	
Sub: A	Exp: May 27, 2014	Ext: HBP	64.750				
ACTIVE	Exp: May 26, 2017	Ext: HBP	64.750				
	PRAIRIESKY	MANITOK					TWP 27 RGE 22 W4M NW 35
	MANITOK						ALL PETROLEUM IN GLAUCONITE_ZONE
100.00000000			Total Rental: 323.75				EXCL PETROLEUM IN GLAUC_EEE
			Hectares	Net	Undev:	Hectares	Net
			64.750	64.750		0.000	0.000

M01365	NG	FH	259.000				
	Exp: May 01, 2015						
							TWP 27 RGE 22 W4M SEC 35

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
(cont'd)							
M01365	WI		259.000	MANITOK		100.000000000	ALL NG IN GLAUC_EEE (1457.0-1479.0m TVD BASED ON THE SCHLUMBERGER NEUTRON DENSITY LOG OF THE S0/03-01-028-22W4 WELL)
Sub: A	PRAIRIESKY		259.000				
ACTIVE	MANITOK		Total Rental: 712.25				
100.000000000	MANITOK						
			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		259.000	259.000
M00408	PNG	CR	64.000	MANITOK		100.000000000	TWP 27 RGE 22 W4M SW 36 PETROLEUM TO BASE VIKING_ZONE
Sub: A	WI - TRUST		64.000	MANITOK	*		
ACTIVE	0402050504		64.000	LYNX			
MANITOK			Total Rental: 224.00				
LYNX							
100.000000000			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		64.000	64.000
M00444	PET	FH	194.500	MANITOK		100.000000000	TWP 27 RGE 23 W4M NE 35, NW 35, SW 35 ALL PETROLEUM IN ELLERSLIE
Sub: A	WI		194.500	MANITOK			
ACTIVE	PRAIRIESKY		194.500				
MANITOK			Total Rental: 972.50				
MANITOK							
100.000000000			Hectares	Net	Undev:	Hectares	Net
			194.250	194.250		0.250	0.250
M00994	NG	CR	192.000	C00767 A	No	WI	TWP 28 RGE 18 W4M N 28, SE28

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
(cont'd)							
M00994	WI	MANITOK	192.000			37.50000000	ALL NG IN LOWER_BLAIRMORE
Sub: A	Exp: Sep 28, 1981	Ext: 15	72.000	CNRL		37.50000000	
ACTIVE				OBSIDIAN ENERGY		25.00000000	
100.00000000	CNRL						
					Total Rental: 672.00		
M00994	NG	CR	128.000	C00766	A	No	WI
Sub: B	Exp: Sep 29, 1960	Ext: 15	128.000	MANITOK		9.62500000	TWP 28 RGE 18 W4M N 33
ACTIVE			12.320	CNRL		85.37500000	ALL NG IN LOWER_BLAIRMORE
100.00000000	CNRL			SANLING		5.00000000	
					Total Rental: 448.00		
M00410	PNG	CR	124.560				WI
Sub: A	Exp: Aug 12, 1994	Ext: 15	124.560	MANITOK		* 100.00000000	TWP 28 RGE 19 W4M PTN LSD 6 SEC
ACTIVE			124.560	LYNX			3, PTN NW 31, PTN SE 31, NE 31
100.00000000	LYNX						(PTNS. LYING TO THE NORTH AND
					Total Rental: 435.96		EAST OF THE RIGHT BANK OF THE
							RED DEER RIVER 60.56 HA)
							PETROLEUM TO BASE MANNVILLE

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Gross		Lease Description / Rights Held	
							Net	Doi Partner(s)		
File Status	Int Type / Lse No/Name	Operator / Payor	Status	UNDEVELOPED	Dev:	Hectares	Net	Undev:	Hectares	Net
M00409	PNG	CR	Eff: Apr 22, 1994	40.360		WI			TWP 28 RGE 19 W4M PTN LSD 8, PTN LSD 14 SEC 29, PTN NE 29 (PTNS. LYING TO THE NORTH AND EAST OF THE RIGHT BANK OF THE RED DEER RIVER.) PETROLEUM TO BASE PEKISKO	
Sub: A	WI - TRUST		Exp: Apr 21, 1999	40.360	MANITOK	*	100.000000000			
ACTIVE	0494040080	MANITOK	Ext: 15	40.360	LYNX					
100.00000000	LYNX		Total Rental: 141.26						40.360	40.360
M00445	PET	FH	Eff: May 27, 2014	64.910		WI			TWP 28 RGE 20 W4M NW 1 ALL PETROLEUM IN ELLERSLIE	
Sub: A	WI		Exp: May 26, 2017	64.910	MANITOK		100.000000000			
ACTIVE	PRAIRIESKY		Ext: HBP	64.910						
100.00000000	MANITOK		Total Rental: 323.75						40.000	0.000
	MANITOK									
M00411	PNG	CR	Eff: Mar 25, 1994	1.720		WI			TWP 28 RGE 20 W4M PTN NW 6 (PTN. DESIGNATED AS ROBINSON LAKE) ALL PETROLEUM TO BASE NISKU	
Sub: A	WI - TRUST		Exp: Mar 24, 1999	1.720	MANITOK	*	100.000000000			
ACTIVE	0494030291	MANITOK	Ext: 18	1.720	LYNX					
100.00000000	LYNX		Total Rental: 50.00						1.720	1.720
M00446	PET	FH	Eff: May 27, 2014	63.131		WI			TWP 28 RGE 20 W4M PTN NW 6 ALL PETROLEUM IN GLAUCONITE_ZONE	
Sub: A	WI		Exp: May 26, 2017	63.131	MANITOK		100.000000000			

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code						
File Status	Int Type / Lse No/Name		Gross									
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*						Lease Description / Rights Held
(cont'd)												
M00446												
Sub: A												
ACTIVE	PRAIRIESKY	Ext: HBP	63.131									
	MANITOK						Total Rental:	315.66				
100.00000000	MANITOK											
			Status				Hectares		Net		Hectares	Net
			DEVELOPED	Dev:			63.131		63.131		0.000	0.000
M00412	PNG	CR		Eff: May 12, 1976			41.000			WI		
Sub: A	WI - TRUST			Exp: May 11, 1986			41.000				* 100.000000000	
ACTIVE	42644			Ext: 15			41.000			MANITOK		
	MANITOK									LYNX		
100.00000000	LYNX											
							Total Rental:	143.50				
			Status				Hectares		Net		Hectares	Net
			DEVELOPED	Dev:			41.000		41.000		0.000	0.000
M00413	PNG	CR		Eff: Mar 25, 1994			23.620			WI		
Sub: D	WI - TRUST			Exp: Mar 24, 1999			23.620				* 100.000000000	
ACTIVE	0494030292			Ext: 18			23.620			MANITOK		
	MANITOK									LYNX		
100.00000000	LYNX											
							Total Rental:	82.67				
			Status				Hectares		Net		Hectares	Net
			DEVELOPED	Dev:			23.620		23.620		0.000	0.000
M00413	PNG	CR		Eff: Mar 25, 1994			17.380			WI		

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00413	WI - TRUST	MANITOK	17.380	MANITOK	*	100.000000000	PTN LSD 6 SEC 7
Sub: A	0494030292	LYNX	17.380	LYNX			(PTN. DESIGNATED AS ROBINSON LAKE)
100.00000000	LYNX	MANITOK					ALL PETROLEUM FROM BASE BELLY_RIVER TO BASE NISKU
			Total Rental:	60.83			
			Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		17.380	17.380		0.000	0.000
M00414	PET	FH	16.190	C00186	A	WI	TWP 28 RGE 20 W4M LSD 11 SEC 7
Sub: A	WI	PRAIRIESKY	16.190	MANITOK		40.000000000	ALL PETROLEUM IN NISKU
ACTIVE	MANITOK	MANITOK	6.476	SANLING		60.000000000	
100.00000000	MANITOK	MANITOK					
			Total Rental:	80.94			
			Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		16.190	6.476		0.000	0.000
M00447	PET	FH	32.375	MANITOK		WI	TWP 28 RGE 20 W4M LSDS 12, 13, SEC 7
Sub: A	WI	PRAIRIESKY	32.375	MANITOK		100.000000000	ALL PETROLEUM IN NISKU
ACTIVE	MANITOK	MANITOK	32.375				
100.00000000	MANITOK	MANITOK					
			Total Rental:	161.88			
			Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		32.375	32.375		0.000	0.000
M00449	PET	FH	64.750			WI	TWP 28 RGE 21 W4M SE 3

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross		
Mineral Int			Net				
(cont'd)							
M00449	WI		64.750	MANITOK		100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE; ALL PETROLEUM IN ELLERSLIE
Sub: A	PRAIRIESKY		64.750				
ACTIVE	MANITOK		Total Rental: 0.00				
100.00000000	MANITOK						
			Hectares	Net	Undev:	Hectares	Net
			64.750	64.750		0.000	0.000
			Dev:				
M00449	PET	FH	64.750	C00198	F	BPEN	TWP 28 RGE 21 W4M NE 3
Sub: B	PEN		64.750	PRAIRIE PROV		100.00000000	ALL PETROLEUM IN ELLERSLIE
ACTIVE	PRAIRIESKY		0.000	MANITOK			
100.00000000	MANITOK						
			Hectares	Net	Undev:	Hectares	Net
			64.750	0.000		0.000	0.000
			Dev:				
			Total Rental: 647.50				
M00377	PNG	FH	388.500			WI	TWP 28 RGE 21 W4M NE 6, SE 6, SEC 7
Sub: I	WI		388.500	MANITOK		100.00000000	ALL PETROLEUM FROM BASE BELLY RIVER TO BASE MANNVILLE (EXCL PETROLEUM IN GLAUCONITIC_EEE)
ACTIVE	PRAIRIESKY		388.500				
100.00000000	MANITOK		Total Rental: 1942.50				
			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		388.500	388.500
			Dev:				
M00468	PET	FH	259.000			WI	TWP 28 RGE 21 W4M SEC 11

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
(cont'd)							
M00468	WI		259.000	MANITOK	100.00000000		ALL PETROLEUM IN ELLERSLIE
Sub: A	PRAIRIESKY		259.000				
ACTIVE	MANITOK						
100.00000000	MANITOK						
			Total Rental: 1295.00				
				Net	Hectares	Net	
			129.500	129.500	129.500	129.500	
			Dev:	Undev:			
M00415	PNG	CR	64.000	MANITOK	* 100.00000000	WI	TWP 28 RGE 21 W4M SE 12
Sub: A	WI - TRUST		64.000				ALL PETROLEUM TO BASE MANNVILLE
ACTIVE	17024		64.000	LYNX			
100.00000000	MANITOK						
	LYNX						
			Total Rental: 224.00				
				Net	Hectares	Net	
			64.000	64.000	0.000	0.000	
			Dev:	Undev:			
M00416	PNG	CR	64.000	MANITOK	* 100.00000000	WI	TWP 28 RGE 21 W4M SE 12
Sub: A	WI - TRUST		64.000				(SURFACE RESTRICTIONS APPLY
ACTIVE	0494030293		64.000	LYNX			SEE LEASE FILE)
100.00000000	MANITOK						PETROLEUM FROM BASE MANNVILLE
	LYNX						TO BASE NISKU
			Total Rental: 224.00				
				Net	Hectares	Net	
			64.000	64.000	0.000	0.000	
			Dev:	Undev:			
M00451	PET	FH	48.560			WI	TWP 28 RGE 21 W4M LSDS 9, 10 &

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
(cont'd)							
M00451	WI		48.560	MANITOK		100.00000000	15 OF SEC 12 ALL PETROLEUM IN NISKU
Sub: A	PRAIRIESKY		48.560				
ACTIVE	MANITOK		Total Rental: 242.80				
100.00000000	MANITOK						
			Status	Net	Hectares	Net	Net
			DEVELOPED	48.560	0.000	0.000	0.000
			Dev:	Undev:			
M00452	PET	FH	80.950	MANITOK		100.00000000	TWP 28 RGE 21 W4M LSDS 3, 5, 6, 7 & 10 SEC 13 ALL PETROLEUM FROM TOP NISKU TO BASE NISKU
Sub: A	WI		80.950				
ACTIVE	PRAIRIESKY		80.950				
MANITOK	MANITOK		Total Rental: 404.75				
100.00000000	MANITOK						
			Status	Net	Hectares	Net	Net
			DEVELOPED	80.950	0.000	0.000	0.000
			Dev:	Undev:			
M00377	PNG	FH	971.250	MANITOK		100.00000000	TWP 28 RGE 21 W4M NE 18, S 18, W 19, W 29, N 30, SW 30, SEC 31 TWP 28 RGE 22 W4M SE 36 ALL PETROLEUM FROM BASE BELLY RIVER TO BASE MANNVILLE (EXCL PETROLEUM IN GLAUCONITIC_XX)
Sub: D	WI		971.250				
ACTIVE	PRAIRIESKY		971.250				
MANITOK	MANITOK		Total Rental: 4856.25				
100.00000000	MANITOK						
			Status	Net	Hectares	Net	Net
			UNDEVELOPED	0.000	971.250	971.250	971.250
			Dev:	Undev:			
M00417	PNG	CR	64.000				TWP 28 RGE 21 W4M NW 18

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00417	WI - TRUST	MANITOK	64.000	MANITOK	* 100.000000000		PETROLEUM TO BASE BELLY_RIVER
Sub: A	0403040156	LYNX	64.000				
ACTIVE	MANITOK						
100.00000000	LYNX						
			Total Rental:	224.00			
			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		64.000	64.000
M00420	PNG	CR	64.000	MANITOK	* 100.000000000	WI	TWP 28 RGE 21 W4M NW 18
Sub: A	WI - TRUST	MANITOK	64.000	MANITOK			PETROLEUM IN MANNVILLE
ACTIVE	0410050083	LYNX	64.000				
MANITOK							
100.00000000	LYNX						
			Total Rental:	224.00			
			Hectares	Net	Undev:	Hectares	Net
			64.000	64.000		0.000	0.000
M01387	PET	FH	64.750	MANITOK	100.000000000	WI	TWP 28 RGE 21 W4M NE 19
Sub: A	WI	MANITOK	64.750	MANITOK			ALL PETROLEUM IN GLAUC_XX
ACTIVE	PRAIRIESKY	HBP	64.750				
MANITOK							
100.00000000	MANITOK						
			Total Rental:	178.06			
			Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		64.750	64.750
M01389	PET	FH	64.750	MANITOK		WI	TWP 28 RGE 21 W4M SE 19

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File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01389	WI		64.750	MANITOK		100.00000000	ALL PETROLEUM IN GLAUC_XX
Sub: A	PRAIRIESKY		64.750				
ACTIVE	MANITOK			Total Rental: 178.06			
100.00000000	MANITOK		0.000	0.000		64.750	64.750
			Status	Dev:	Hectares	Net	Undev:
			UNDEVELOPED				
M00454	PET	FH	64.750	MANITOK		100.00000000	TWP 28 RGE 21 W4M SE 20
Sub: A	WI		64.750				ALL PETROLEUM IN ELLERSLIE
ACTIVE	PRAIRIESKY		64.750				
MANITOK				Total Rental: 323.75			
100.00000000	MANITOK		0.000	0.000		64.750	0.000
			Status	Dev:	Hectares	Net	Undev:
			DEVELOPED				
M00455	PET	FH	64.750	MANITOK		100.00000000	TWP 28 RGE 21 W4M SW 27
Sub: A	WI		64.750				ALL PETROLEUM IN ELLERSLIE
ACTIVE	PRAIRIESKY		64.750				
MANITOK				Total Rental: 323.75			
100.00000000	MANITOK		0.000	0.000		64.750	0.000
			Status	Dev:	Hectares	Net	Undev:
			DEVELOPED				
M01404	PET	FH	64.750				TWP 28 RGE 21 W4M SE 30

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
(cont'd)							
M01404							
Sub: A	WI		Exp: Apr 30, 2018	64.750	MANITOK	100.00000000	ALL PETROLEUM IN GLAUC_XX
ACTIVE	PRAIRIESKY		Ext: HBP	64.750			
	MANITOK		Total Rental: 178.06				
100.00000000	MANITOK						
		Status	Hectares	Net	Undev:	Hectares	Net
		UNDEVELOPED	0.000	0.000		64.750	64.750
M00378	PET	FH	Eff: May 27, 2014	64.750		WI	TWP 28 RGE 21 W4M NE 33
Sub: B	WI		Exp: May 26, 2017	64.750	MANITOK	100.00000000	ALL PETROLEUM IN NISKU
ACTIVE	PRAIRIESKY		Ext: HBP	64.750			
	MANITOK		Total Rental: 323.75				
100.00000000	MANITOK						
		Status	Hectares	Net	Undev:	Hectares	Net
		UNDEVELOPED	0.000	0.000		64.750	64.750
M00456	PET	FH	Eff: May 27, 2014	32.375		WI	TWP 28 RGE 21 W4M LSDS 11, 12
Sub: A	WI		Exp: May 26, 2017	32.375	MANITOK	100.00000000	SEC 34
ACTIVE	PRAIRIESKY		Ext: HBP	32.375			ALL PETROLEUM IN NISKU
	MANITOK		Total Rental: 161.88				
100.00000000	MANITOK						
		Status	Hectares	Net	Undev:	Hectares	Net
		DEVELOPED	32.375	32.375		0.000	0.000
M00457	PET	FH	Eff: May 27, 2014	64.750	C00009	AO No	TWP 28 RGE 22 W4M NW 1

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00457	WI		64.750	MANITOK		100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE EXCL PETROLEUM IN GLAUC_EEE
Sub: A	Exp: May 26, 2017	Ext: HBP	64.750				
ACTIVE	MANITOK		Total Rental: 323.75				
100.00000000	MANITOK						
(cont'd)							
M00458	PET	FH	194.250	C00009	AO No	WI	TWP 28 RGE 22 W4M SE 2, SW 2. NE 2
Sub: A	Exp: May 26, 2017	Ext: HBP	194.250	MANITOK		100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE (EXCL. GLAUC EEE POOL)
ACTIVE	MANITOK		Total Rental: 971.25				
100.00000000	MANITOK						
(cont'd)							
M00459	PET	FH	64.750	MANITOK		WI	TWP 28 RGE 22 W4M SW 10
Sub: A	Exp: May 26, 2017	Ext: HBP	64.750			100.00000000	ALL PETROLEUM IN GLAUCONITE_ZONE
ACTIVE	MANITOK		Total Rental: 323.75				
100.00000000	MANITOK						
(cont'd)							
M00460	PET	FH	64.750	C00009	AO No	WI	TWP 28 RGE 22 W4M NW 12

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross		
Mineral Int			Dev	Net	Undev	Hectares	Net
(cont'd)							
M00460	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
Sub: A	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
ACTIVE	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
100.00000000	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
Total Rental: 323.75							
ALL PETROLEUM IN GLAUCONITE_ZONE EXCL PETROLEUM IN GLAUC_EEE							
(cont'd)							
M00462	PET	FH	64.750	MANITOK	64.750	100.00000000	0.000
Sub: A	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
ACTIVE	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
100.00000000	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
Total Rental: 323.75							
TWP 28 RGE 22 W4M SE 16 ALL PETROLEUM IN GLAUCONITE_ZONE							
(cont'd)							
M00465	PET	FH	64.750	MANITOK	64.750	100.00000000	0.000
Sub: A	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
ACTIVE	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
100.00000000	PRAIRIE PROV	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
Total Rental: 0.00							
TWP 28 RGE 22 W4M SW 22, NW 22 (EXCL WELLBORE 13-22 IN PENALTY FOR EQUIP/TIE-IN) ALL PETROLEUM IN ELLERSLIE							
(cont'd)							
M00463	PET	FH	64.750	MANITOK	64.750	100.00000000	0.000
Sub: A	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
ACTIVE	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
100.00000000	PRAIRIE PROV	MANITOK	64.750	MANITOK	64.750	100.00000000	0.000
Total Rental: 0.00							
TWP 28 RGE 22 W4M NE 24							

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MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int	Operator / Payor	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
(cont'd)							
M00463	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
Sub: A	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
ACTIVE	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
100.00000000	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
			Total Rental:	323.75			
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		64.750	64.750	0.000	0.000	0.000
(cont'd)							
M00463	PET	FH	64.750	MANITOK	64.750	100.00000000	TWP 28 RGE 22 W4M NW 24
Sub: B	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM FROM BASE
ACTIVE	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	BELLY RIVER TO BASE MANNVILLE
100.00000000	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	(EXCLUDING PETROLEUM IN THE
	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	GLAUCONITIC XX POOL)
			Total Rental:	323.75			
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		64.750	64.750	0.000	0.000	0.000
(cont'd)							
M00464	PET	FH	64.750	MANITOK	64.750	100.00000000	TWP 28 RGE 22 W4M SE 25
Sub: A	WI	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
ACTIVE	PRAIRIESKY	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
100.00000000	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
	MANITOK	MANITOK	64.750	MANITOK	64.750	100.00000000	ALL PETROLEUM IN ELLERSLIE
			Total Rental:	323.75			
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		64.750	64.750	0.000	0.000	0.000
M00464	PET	FH	129.500	MANITOK	129.500	100.00000000	TWP 28 RGE 22 W4M SW 25, NW 25
Sub: A	WI	MANITOK	129.500	MANITOK	129.500	100.00000000	TWP 28 RGE 22 W4M SW 25, NW 25
ACTIVE	PRAIRIESKY	MANITOK	129.500	MANITOK	129.500	100.00000000	TWP 28 RGE 22 W4M SW 25, NW 25
100.00000000	MANITOK	MANITOK	129.500	MANITOK	129.500	100.00000000	TWP 28 RGE 22 W4M SW 25, NW 25
	MANITOK	MANITOK	129.500	MANITOK	129.500	100.00000000	TWP 28 RGE 22 W4M SW 25, NW 25
			Total Rental:	323.75			
	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
	DEVELOPED		129.500	129.500	0.000	0.000	0.000

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*
Mineral Int							
(cont'd)							
M00464	WI		129.500	MANITOK		100.000000000	ALL PETROLEUM FROM BASE BELLY_RIVER TO BASE MANNVILLE (EXCLUDING PETROLEUM IN GLAUC XX POOL)
Sub: B	PRAIRIESKY		Exp: May 26, 2017				
ACTIVE	MANITOK		Ext: EXTPRIM				
			Ext: Jun 15, 2020	Total Rental: 647.50			
100.00000000	MANITOK						
				Net		Hectares	Net
	UNDEVELOPED	Dev:	Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		129.500	129.500
M00418	PNG	CR	256.000	MANITOK		100.000000000	TWP 29 RGE 21 W4M SEC 9
Sub: A	WI - TRUST		Exp: Aug 27, 1993				ALL PETROLEUM TO BASE NISKU
ACTIVE	MANITOK		Exp: Aug 26, 1998				
			Ext: 15	Total Rental: 896.00			
100.00000000	MANITOK						
				Net		Hectares	Net
	DEVELOPED	Dev:	Hectares	Net	Undev:	Hectares	Net
			256.000	256.000		0.000	0.000

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MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : WAYNE

BASE AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held			
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*			
Area Total:	Total Gross:	7,171.226	Total Net:	6,215.482			Undev Gross :	4,424.985	Undev Net :	3,673.205
	Dev Gross:	2,746.241	Dev Net:	2,542.277						
Province Total:	Total Gross:	29,297.435	Total Net:	20,657.163			Undev Gross :	15,857.276	Undev Net :	10,327.565
	Dev Gross:	13,440.159	Dev Net:	10,329.598						
Report Total:	Total Gross:	29,297.435	Total Net:	20,657.163			Undev Gross :	15,857.276	Undev Net :	10,327.565
	Dev Gross:	13,440.159	Dev Net:	10,329.598						

** End of Report **

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : BROWN CREEK

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Oper.Cont.	ROFR	DOI Code	Gross			Lease Description / Rights Held
												Net	Doi Partner(s)	*	
M00229	LICENCE	CR	WI	5496050078	PERPETUAL INC	May 16, 1996	May 15, 2000	15	A	Yes	PDBY	256.000	256.000	57.600	TWP 044 RGE 16 W5M SEC 25 PNG BELOW BASE CARDIUM TO BASE SPIRIT_RIVER
Sub: B	ACTIVE											22.50000000	37.50000000	40.00000000	
100.00000000												Total Rental:	896.00		
<hr/>															
M00154	PNG	CR	NI	0695030724	CANLIN	Mar 16, 1995	Mar 15, 2000	15			RENTAL	256.000	256.000	57.600	TWP 44 RGE 17 W5M SEC 15 PNG TO BASE CARDIUM (EXCL. 100/01-15-044-17W5M PENALTY WELL)
Sub: A	ACTIVE											50.00000000	50.00000000	0.000	
100.00000000												Total Rental:	298.67		
<hr/>															
M00154	PNG	CR	NI	0695030724	CANLIN	Mar 16, 1995	Mar 15, 2000	15			RENTAL	256.000	256.000	0.000	TWP 44 RGE 17 W5M SEC 15 PNG BELOW BASE TRIASSIC TO BASE RUNDLE
Sub: B	ACTIVE											100.00000000	100.00000000	0.000	
100.00000000												Total Rental:	298.67		
<hr/>															
M00154	PNG	CR	WI	5496050078	PERPETUAL INC	Mar 16, 1995	Mar 15, 2000	15	A	Yes	WI	256.000	256.000	25.00000000	TWP 44 RGE 17 W5M SEC 15 PNG BELOW BASE CARDIUM TO BASE
Sub: E	ACTIVE											256.000	256.000	0.000	

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : BROWN CREEK

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Int Type / Lse No/Name	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	Gross			
									Net	Doi Partner(s)	*	
Mineral Int	Operator / Payor			Net	Doi Partner(s)	*					*	
(cont'd)												
M00154	Sub: E											
ACTIVE	0695030724		Ext: 15	64.000	CANLIN		50.00000000	TRIASSIC				
	CANLIN				PETRUS		25.00000000					
100.00000000	MANITOK		Total Rental:	298.66								64.000

M00184	PNG	CR	Eff: Dec 17, 1997	256.000				RENTAL				
Sub: C	NI		Exp: Dec 16, 2002	256.000	CANLIN		70.00000000	TWP 44 RGE 17 W5M SEC 21				
ACTIVE	0697120353		Ext: 15	0.000	PETRUS		30.00000000	PNG IN RUNDLE_GROUP				
	CANLIN											
100.00000000	MANITOK		Count Acreage =	No			224.00					

M00184	PNG	CR	Eff: Dec 17, 1997	256.000	C00056	B	Yes	WI				
Sub: D	WI		Exp: Dec 16, 2002	256.000	MANITOK			15.00000000	TWP 44 RGE 17 W5M SEC 21			
ACTIVE	0697120353		Ext: 15	38.400	CANLIN			70.00000000	PNG BELOW BASE CARDIUM TO TOP			
	CANLIN				PETRUS			15.00000000	RUNDLE_GROUP			
100.00000000	MANITOK		Total Rental:	224.00								38.400

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : BROWN CREEK

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

M00184	PNG	CR	Eff: Dec 17, 1997	1,280.000		RENTAL	TWP 45 RGE 18 W5M SEC 11, 12
Sub: A	NI		Exp: Dec 16, 2002	1,280.000	PETRUS	50.00000000	TWP 45 RGE 17 W5M SEC 6
ACTIVE	0697120353	CANLIN	Ext: 15	0.000	CANLIN	50.00000000	TWP 44 RGE 17 W5M SEC 21, 22, 28, 32
100.00000000	MANITOK		Total Rental:	5376.00			PNG TO BASE CARDIUM

Status	Hectares	Net	Hectares	Net
DEVELOPED	256.000	0.000	1,024.000	0.000
Dev:		Undev:		

M00184	PNG	CR	Eff: Dec 17, 1997	256.000	C00056	WI	TWP 45 RGE 18 W5M SEC 11
Sub: B	WI		Exp: Dec 16, 2002	256.000	MANITOK	25.00000000	PNG BELOW BASE CARDIUM TO BASE
ACTIVE	0697120353	CANLIN	Ext: 15	64.000	CANLIN	50.00000000	RUNDLE_GROUP
100.00000000	MANITOK		Total Rental:	448.00			

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	64.000
Dev:		Undev:		

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MANITOK ENERGY . INC. Mineral Property Report

Province: ALBERTA
Area : BROWN CREEK

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross	Net	Doi Partner(s)	*	*
Mineral Int	Operator / Payor						

Area Total:	Total Gross:	1,024.000	Total Net:	224.000	Undev Gross:	1,024.000	Undev Net:	224.000
	Dev Gross:	0.000	Dev Net:	0.000				

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MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Status	Dev:	Exposure		Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held		
											Gross	Net						
Mineral Int											Hectares	Net					Hectares	Net
M01221	PNG	CR				Jan 23, 2014			DEVELOPED		64.000	64.000				TWP 7 RGE 15 W4M NW 25		
Sub: A	WI					Jan 22, 2019					64.000	64.000	MANITOK		100.000000000	ALL PNG FROM BASE MANNVILLE TO		
ACTIVE	0414010181										64.000	64.000				BASE BASEMENT		
100.00000000	MANITOK											224.00						
	MANITOK																	
M00752	PNG	CR				Dec 13, 2007			UNDEVELOPED		16.000	16.000				TWP 7 RGE 15 W4M LSD 16 SEC 26		
Sub: A	WI					Dec 12, 2012					16.000	16.000	MANITOK		100.000000000	ALL PNG FROM TOP SURFACE TO		
ACTIVE	0407120030										16.000	16.000				BASE MANNVILLE		
100.00000000	MANITOK											56.00						
	MANITOK																	
M00702	PNG	CR				Apr 15, 1993			UNDEVELOPED		128.000	128.000				TWP 9 RGE 13 W4M S 27		
Sub: A	WI					Apr 14, 1998					128.000	128.000	MANITOK		100.000000000	ALL PNG FROM TOP SURFACE TO		
ACTIVE	0493040219										128.000	128.000				BASE MANNVILLE		
100.00000000	MANITOK											448.00						
	MANITOK																	
M01226	PNG	CR				Jun 11, 2015			UNDEVELOPED		32.000	32.000				TWP 9 RGE 13 W4M LSD 9, LSD 16		
Sub: A	WI					Jun 10, 2020					32.000	32.000	MANITOK		100.000000000	SEC 34		
ACTIVE	0415060003										32.000	32.000				ALL PNG FROM TOP SURFACE TO		

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MANITOK ENERGY . INC. Mineral Property Report

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Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)		
Mineral Int							

(cont'd)

M01226	Sub: A	MANITOK	Total Rental:	112.00	BASE SAWTOOTH
		100.00000000			

Status	Hectares	Net	Undev:	Hectares	Net
DEVELOPED	32.000	32.000	0.000	0.000	0.000

M00699	PNG	CR	Eff: Mar 13, 1974	256.000	WI
	WI		Exp: Mar 12, 1984	256.000	100.00000000
	35350A		Ext: 15	256.000	
	MANITOK				
	100.00000000		Total Rental:	896.00	

Status	Hectares	Net	Undev:	Hectares	Net
DEVELOPED	256.000	256.000	0.000	0.000	0.000

M00705	PNG	CR	Eff: Apr 18, 1991	64.000	WI
	WI		Exp: Apr 17, 1996	64.000	100.00000000
	0491040258		Ext: 15	64.000	
	MANITOK				
	100.00000000		Total Rental:	224.00	

M00705	PNG	CR	Eff: Apr 18, 1991	32.000	WI
	WI		Exp: Apr 17, 1996	32.000	100.00000000
	0491040258		Ext: 15	32.000	
	MANITOK				
	100.00000000		Total Rental:	64.000	

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MANITOK ENERGY . INC.
Mineral Property Report

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Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00705
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 112.00
 BASE SAWTOOTH

Status	Hectares	Net	Hectares	Net
DEVELOPED	32.000	32.000	0.000	0.000

M00745	PNG	CR	Eff: Nov 27, 1972	256.000	C00494	A	No	WI	TWP 10 RGE 13 W4M SEC 25
Sub: A	WI		Exp: Nov 26, 1982	0.000	MANITOK			11.25000000	ALL PNG FROM TOP SURFACE TO TOP
ACTIVE	30096		Ext: 15	0.000	ARC RESOURCES			1.50000000	BOW_ISLAND
	SANLING				HOUSTON			39.00000000	
	ASCENSUN O&G		Count Acreage = No		NAL RES LIMITED			15.00000000	
					SANLING			29.50000000	
					TORRENCE RES			3.75000000	

Total Rental: 0.00

Status	Hectares	Net	Hectares	Net
	0.000	0.000	0.000	0.000

M00745	PNG	CR	Eff: Nov 27, 1972	256.000	C00495	A	No	BPO	TWP 10 RGE 13 W4M SEC 25
Sub: B	WI		Exp: Nov 26, 1982	256.000	MANITOK			7.90300000	ALL NG IN BOW_ISLAND
ACTIVE	30096		Ext: 15	20.232	ARC RESOURCES			26.50000000	
	SANLING				ARRANDALE RES			4.50000000	
	ASCENSUN O&G				ASCENSUN O&G			3.75000000	
					FIRST WEST PET			3.34700000	
					HOUSTON			39.00000000	
					NAL RES LIMITED			15.00000000	

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MANITOK ENERGY . INC.
Mineral Property Report

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Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Gross			Lease Description / Rights Held

(cont'd)

M00745
 Sub: B

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	20.232

M00745	PNG	CR	Eff: Nov 27, 1972	256.000	C00495	A	No	BPO	TWP 10 RGE 13 W4M SEC 36
Sub: C	WI		Exp: Nov 26, 1982	256.000	MANITOK			7.903000000	ALL NG IN BOW_ISLAND
ACTIVE	30096		Ext: 15	20.232	ARC RESOURCES			26.500000000	
		ARC RESOURCES			ARRANDALE RES			4.500000000	
100.000000000		ASCENSUN O&G			ASCENSUN O&G			3.750000000	
					FIRST WEST PET			3.347000000	
					HOUSTON			39.000000000	
					NAL RES LIMITED			15.000000000	

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	256.000	20.232	0.000	0.000

M00745	PNG	CR	Eff: Nov 27, 1972	192.000	C00494	B	No	BPO	TWP 10 RGE 13 W4M N 36, SE 36
Sub: D	WI		Exp: Nov 26, 1982	0.000	MANITOK			7.903000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	30096		Ext: 15	0.000	ARC RESOURCES			1.500000000	BASE BOW_ISLAND
		SANLING			FIRST WEST PET			1.673500000	EXCL NG IN BOW_ISLAND
100.000000000		ASCENSUN O&G			HOUSTON			39.000000000	
					NAL RES LIMITED			15.000000000	
					SANLING			29.500000000	
					SINOPEC DAYLGT			1.673500000	
					TORRENCE RES			3.750000000	

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00745
 Sub: D

Total Rental: 0.00

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
		0.000	0.000	0.000	0.000	0.000

M00745	PNG	CR	Eff: Nov 27, 1972	C00494	C	No	BPO	TWP 10 RGE 13 W4M SW 36
Sub: E	WI		Exp: Nov 26, 1982	0.000	MANITOK		7.903000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	30096	SANLING	Ext: 15	0.000	ARC RESOURCES		26.500000000	BASE BOW_ISLAND
			Count Acreage = No		FIRST WEST PET		1.673500000	EXCL NG IN BOW_ISLAND
100.00000000	ASCENSUN O&G				HOUSTON		39.000000000	
					OTHERS		1.673500000	
					NAL RES LIMITED		15.000000000	
					SANLING		4.500000000	
					TORRENCE RES		3.750000000	

Total Rental: 0.00

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
		0.000	0.000	0.000	0.000	0.000

M00746	PNG	CR	Eff: Nov 27, 1972	C00499	B	Yes	WI	TWP 11 RGE 13 W4M LSD 13 SEC 2
Sub: A	WI		Exp: Nov 26, 1982	0.000	MANITOK	*	42.418700000	ALL PNG FROM TOP SURFACE TO
ACTIVE	30097	SANLING	Ext: 15	0.000	FIRST WEST PET	*	4.331300000	BASE BOW_ISLAND
			Count Acreage = No		JOURNEY ENERGY	*	8.250000000	
100.00000000	SANLING				SANLING		45.000000000	

Total Rental: 0.00

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code			
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*	*	Lease Description / Rights Held
Mineral Int			Hectares	Net	Undev:	Hectares	Net	Hectares	Net
(cont'd)									
M00746									
Sub: A	Status		Hectares	Net	Undev:	Hectares	Net	Hectares	Net
			0.000	0.000		0.000	0.000	0.000	0.000
M00746	PNG	CR	Eff: Nov 27, 1972	16.000	C00499 D Yes	WI			
Sub: B	WI		Exp: Nov 26, 1982	16.000	MANITOK	*	10.67345000	TWP 11 RGE 13 W4M LSD 13 SEC 2	
ACTIVE	30097		Ext: 15	1.708	FIRST WEST PET	*	2.26405000	ALL PNG FROM BASE BOW_ISLAND TO BASE SAWTOOTH	
	SANLING				JOURNEY ENERGY	*	4.82500000		
100.00000000	SANLING				SANLING		82.23750000		
			Total Rental:	56.00					
	Status		Hectares	Net	Undev:	Hectares	Net	Hectares	Net
	DEVELOPED		16.000	1.708		0.000	0.000		0.000
M00746	PNG	CR	Eff: Nov 27, 1972	0.000	C00502 A No	WI			
Sub: C	WI		Exp: Nov 26, 1982	0.000	MANITOK		4.87500000	TWP 11 RGE 13 W4M LSD 16 SEC 3	
ACTIVE	30097		Ext: 15	0.000	FIRST WEST PET		2.62500000	ALL PNG FROM TOP SURFACE TO BASE BOW_ISLAND	
	SANLING				FORWARDERS PROP		2.50000000		
100.00000000	SANLING		Count Acreage = No		HOUSTON O&G		3.75000000		
					SANLING		86.25000000		
			Total Rental:	0.00					
	Status		Hectares	Net	Undev:	Hectares	Net	Hectares	Net
	DEVELOPED		0.000	0.000		0.000	0.000		0.000
M00746	PNG	CR	Eff: Nov 27, 1972	16.000	C00502 B No	WI			
								TWP 11 RGE 13 W4M LSD 16 SEC 3	

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*
(cont'd)							
M00746	WI		16.000	MANITOK		7.55600000	ALL PNG FROM BASE BOW_ISLAND TO BASE SAWTOOTH
Sub: D	30097		1.209	FIRST WEST PET		3.19400000	EXCL PNG IN SAWTOOTH
ACTIVE	SANLING			FORWARDERS PROP		3.75000000	(EXCL 100/16-03-11-13-W4/00
100.00000000	SANLING			HOUSTON O&G		8.17500000	WELLBORE)
				SANLING		77.32500000	
				Total Rental:	56.00		
M00746	PNG	CR	0.000	C00502	C No	WI	TWP 11 RGE 13 W4M LSD 16 SEC 3
Sub: G	WI		0.000	MANITOK		7.55600000	ALL PNG IN SAWTOOTH
ACTIVE	30097		0.000	FIRST WEST PET		3.19400000	(100/16-03-11-13-W4/00 PENALTY
	SANLING			FORWARDERS PROP		3.75000000	WELL)
100.00000000	SANLING			HOUSTON O&G		8.17500000	
				SANLING		77.32500000	
				Total Rental:	0.00		
M00743	PNG	CR	64.000	MANITOK		WI	TWP 11 RGE 13 W4M NW 4
Sub: A	WI		64.000	MANITOK		100.00000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	26449		64.000				BASE MANNVILLE
100.00000000	MANITOK			Total Rental:	224.00		
	MANITOK						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code			
File Status	Int Type / Lse No/Name		Gross						
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*			
		Status	Hectares	Net	Hectares	Net	Hectares	Net	
		DEVELOPED	Dev:	Dev:	Undev:	Undev:	Undev:	Undev:	
(cont'd)									
M00743									
Sub: A		DEVELOPED	64.000	64.000	0.000	0.000	0.000	0.000	
M00683	PNG	CR	Eff: Dec 12, 1991	32.000	WI				TWP 11 RGE 13 W4M LSD 1, LSD 8
Sub: A	WI		Exp: Dec 11, 1996	32.000	MANITOK	100.000000000			SEC 4
ACTIVE	0491120012		Ext: 15	32.000	Total Rental: 112.00				ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
100.000000000	MANITOK								
	MANITOK								
M00732	PNG	CR	Eff: Oct 03, 1991	16.000	WI				TWP 11 RGE 13 W4M LSD 9 SEC 8
Sub: A	WI		Exp: Oct 02, 1996	16.000	MANITOK	100.000000000			ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
ACTIVE	0491100010		Ext: 15	16.000	Total Rental: 56.00				
100.000000000	MANITOK								
	MANITOK								
M00732	PNG	CR	Eff: Oct 03, 1991	16.000	WI				TWP 11 RGE 13 W4M LSD 16 SEC 8
Sub: B	WI		Exp: Oct 02, 1996	16.000	MANITOK	100.000000000			ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
ACTIVE	0491100010		Ext: 15	16.000	Total Rental: 56.00				
100.000000000	MANITOK								
	MANITOK								

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code			
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*	*	Lease Description / Rights Held
Mineral Int	Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Hectares	Net
(cont'd)									
M00732									
Sub: B	DEVELOPED	Dev:	16.000	16.000	Undev:	0.000	0.000	0.000	0.000
M00729	PNG	CR	Eff: Oct 03, 1991	32.000	WI				
Sub: A	WI		Exp: Oct 02, 1996	32.000	MANITOK	100.000000000			
ACTIVE	0491100012		Ext: 15	32.000	Total Rental: 112.00				
100.000000000	MANITOK								
	MANITOK								TWP 11 RGE 13 W4M LSD 5, 6 SEC 9 ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
M00691	PNG	CR	Eff: Feb 06, 1997	32.000	WI				
Sub: A	WI		Exp: Feb 05, 2002	32.000	MANITOK	100.000000000			
ACTIVE	0497020032		Ext: 15	32.000	Total Rental: 112.00				
100.000000000	MANITOK								
	MANITOK								TWP 11 RGE 13 W4M LSD 11, LSD 12 SEC 9 ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
M00746	PNG	CR	Eff: Nov 27, 1972	0.000	C00499 A	Yes			
Sub: E	WI		Exp: Nov 26, 1982	0.000	MANITOK	*	36.675000000		
ACTIVE	30097		Ext: 15	0.000	FIRST WEST PET	*	4.725000000		
100.000000000	SANLING				JOURNEY ENERGY	*	9.600000000		
	SANLING				SANLING		49.000000000		
			Count Acreage =	No					TWP 11 RGE 13 W4M LSD 4 SEC 11 ALL PNG FROM TOP SURFACE TO BASE BOW_ISLAND

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*	*	*
Mineral Int	Status	Dev:	Hectares	Net	Undev:	Hectares	Net	Hectares	Net
(cont'd)									
M00746			Total Rental: 0.00						
Sub: E									
M00746	PNG	CR	Eff: Nov 27, 1972	16.000	C00499	C	Yes	WI	TWP 11 RGE 13 W4M LSD 4 SEC 11
Sub: F	WI		Exp: Nov 26, 1982	16.000	MANITOK	*		39.83130000	ALL PNG FROM BASE BOW_ISLAND TO
ACTIVE	30097		Ext: 15	6.373	FIRST WEST PET	*		5.11870000	BASE SAWTOOTH
	SANLING				JOURNEY ENERGY	*		10.30000000	
100.00000000	SANLING				SANLING			44.75000000	
Total Rental: 56.00									
M00747	PNG	CR	Eff: Nov 27, 1972	32.000	C00504	A	No	WI	TWP 11 RGE 13 W4M SW 15
Sub: A	WI		Exp: Nov 26, 1982	32.000	MANITOK			38.78910000	ALL PNG FROM TOP SURFACE TO
ACTIVE	30097A		Ext: 15	12.413	FIRST WEST PET			1.14840000	BASE BOW_ISLAND
	SANLING				HOUSTON			2.33330000	
100.00000000	SANLING				SANLING			57.72920000	
Total Rental: 112.00									
	Status	UNDEVELOPED	Dev:	Hectares	Net	Undev:	Hectares	Net	Hectares
				0.000	0.000		32.000	0.000	12.413

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File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Status	Dev:	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
											Hectares	Net						
M00709	PNG	CR	ACTIVE	0487060026	MANITOK	Jun 11, 1987	Jun 10, 1992	15	DEVELOPED		16.000	16.000	MANITOK			WI	TWP 11 RGE 13 W4M LSD 4 SEC 15 ALL PNG FROM BASE BOW_ISLAND TO BASE SAWTOOTH	
100.00000000											Total Rental:	56.00						
											Net	16.000	Undev:	0.000	Hectares	0.000	Net	0.000
M00747	PNG	CR	ACTIVE	30097A	SANLING	Nov 27, 1972	Nov 26, 1982	15	DEVELOPED		16.000	14.707	MANITOK			WI	TWP 11 RGE 13 W4M LSD 5 SEC 15 ALL PNG FROM BASE BOW_ISLAND TO BASE MANNVILLE	
100.00000000											Total Rental:	56.00						
											Net	14.707	Undev:	0.000	Hectares	0.000	Net	0.000
M00747	PNG	CR	ACTIVE	30097A	SANLING	Nov 27, 1972	Nov 26, 1982	15	DEVELOPED		16.000	7.831	MANITOK			WI	TWP 11 RGE 13 W4M LSD 6 SEC 15 ALL PNG FROM BASE BOW_ISLAND TO BASE MANNVILLE	
100.00000000											Total Rental:	56.00						
											Net	0.000	Undev:	0.000	Hectares	16.000	Net	7.831

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File Number	Lse Type	Lessor Type	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Status	Dev:	Hectares	Net	Undev:	Hectares	Net	DOI Code	Lease Description / Rights Held
M00708	PNG	CR			Jun 15, 1962	80.000		DEVELOPED		80.000	80.000		80.000	80.000	WI	TWP 11 RGE 13 W4M LSD 1, 2, LSD 8, SEC 16
Sub: A	WI				Jun 14, 1983	80.000				80.000	MANITOK		100.000000000			ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
ACTIVE	126632B				15	80.000						Total Rental: 280.00				
100.00000000	MANITOK															
	MANITOK															
M00708	PNG	CR			Jun 15, 1962	0.000		DEVELOPED		0.000	0.000		0.000	0.000	WI	TWP 11 RGE 13 W4M LSD 10, LSD 15 SEC 16
Sub: B	WI				Jun 14, 1983	0.000				0.000	MANITOK		100.000000000			ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
ACTIVE	126632B				15	0.000						Total Rental: 0.00				EXCL PNG IN BOW_ISLAND
100.00000000	MANITOK															
	MANITOK															
M00708	PNG	CR			Jun 15, 1962	0.000		DEVELOPED		0.000	0.000		0.000	0.000	WI	TWP 11 RGE 13 W4M LSD 10, 15 SEC 16
Sub: C	WI				Jun 14, 1983	0.000				0.000	MANITOK		50.000000000			ALL PNG IN BOW_ISLAND
ACTIVE	126632B				15	0.000					CNRL		50.000000000			
100.00000000	MANITOK											Total Rental: 0.00				
	MANITOK															
M00689	PNG	CR			Jan 24, 1991	16.000		DEVELOPED		16.000	16.000		16.000	16.000	WI	TWP 11 RGE 13 W4M LSD 10 SEC 18
Sub: A	WI				Jan 23, 1996	16.000				16.000	MANITOK		100.000000000			ALL PNG FROM TOP SURFACE TO

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name		Gross			
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	Lease Description / Rights Held

(cont'd)

M00689

Sub: A

ACTIVE 0491010249 Ext: 15

MANITOK

100.00000000 MANITOK

16.000
 Total Rental: 56.00

BASE SAWTOOTH

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	16.000	16.000

M00757

Sub: A

ACTIVE

100.00000000 MANITOK

Eff: Oct 03, 1994
 Exp: Oct 02, 1999
 Ext: HBP

PNG FH
 WI
 CNRL
 BAYTEX

C00505 A No
 MANITOK
 BAYTEX
 POTTS PETROLEUM
 SANLING

128.000
 128.000
 51.200

40.00000000
 37.50000000
 4.50000000
 18.00000000

WI
 ALL PNG
 EXCL NG IN UPPER_MANNVILLE
 EXCL PETROLEUM IN
 LOWER_MANNVILLE

Total Rental: 320.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	51.200

M00757

Sub: B

ACTIVE

100.00000000 MANITOK

Eff: Oct 03, 1994
 Exp: Oct 02, 1999
 Ext: HBP

PNG FH
 WI
 CNRL
 BAYTEX

C00505 A No
 MANITOK
 BAYTEX
 POTTS PETROLEUM
 SANLING

64.000
 64.000
 25.600

40.00000000
 37.50000000
 4.50000000
 18.00000000

WI
 ALL PNG
 TWP 11 RGE 18 W4M NW 8

Total Rental: 160.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	128.000	51.200

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File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

(cont'd)

M00757							
Sub: B	DEVELOPED		64.000	25.600	Undev:	0.000	0.000

M00757	PNG	FH	Eff: Oct 03, 1994	64.000	C00505 B No	WI	TWP 11 RGE 18 W4M NE 8
Sub: C	WI		Exp: Oct 02, 1999	64.000	MANITOK	40.000000000	ALL PNG FROM BASE
ACTIVE	CNRL		Ext: HBP	25.600	BAYTEX	37.500000000	UPPER_MANNVILLE TO BASE BASEMENT
	BAYTEX				POTTS PETROLEUM	4.500000000	
	MANITOK				SANLING	18.000000000	

Total Rental: 160.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	25.600	0.000	0.000

M00757	PNG	FH	Eff: Oct 03, 1994	64.000	C00505 A No	WI	TWP 11 RGE 18 W4M S 8
Sub: D	WI		Exp: Oct 02, 1999	64.000	MANITOK	40.000000000	ALL NG IN UPPER_MANNVILLE
ACTIVE	CNRL		Ext: HBP	25.600	BAYTEX	37.500000000	(ALL PETROLEUM IN LOWER_MANNVILLE)
	BAYTEX				POTTS PETROLEUM	4.500000000	
	MANITOK				SANLING	18.000000000	

Total Rental: 0.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	0.000	0.000	0.000	0.000

M00907	PNG	FH	Eff: Dec 01, 1988	48.000	C00681 A No	WI	TWP 12 RGE 15 W4M LSD 6, LSD
Sub: A	WI		Exp: Nov 30, 1990	48.000	MANITOK	30.000000000	11, 12 SEC 6
ACTIVE	AB46-27762		Ext: HBP	14.400	FORSIS O&G LTD	35.000000000	ALL PNG FROM TOP SURFACE TO

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File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	Lease Description / Rights Held		
Mineral Int			Hectares	Net	Undev:	Hectares	Net	Hectares	Net
(cont'd)									
M00907									
Sub: A	HOUSTON					35.00000000			
100.00000000	HOUSTON								BASE SAWTOOTH
					Total Rental: 240.00				
			48.000	14.400	Undev:	0.000	0.000		0.000
M00908	PNG	FH	16.000	C00681	A No	WI			
Sub: A	WI		16.000	MANITOK		30.00000000			
ACTIVE	AB46-27761	HOUSTON	4.800	FORSIS O&G LTD		35.00000000			
100.00000000	HOUSTON					35.00000000			TWP 12 RGE 15 W4M LSD 15 SEC 6 ALL PNG FROM TOP SURFACE TO BASE SAWTOOTH
					Total Rental: 80.00				
			16.000	4.800	Undev:	0.000	0.000		0.000
M00909	PNG	FH	16.000	C00681	B No	WI			
Sub: A	WI		16.000	MANITOK		30.00000000			
ACTIVE	AB46-27763	HOUSTON	4.800	FORSIS O&G LTD		35.00000000			
100.00000000	HOUSTON					35.00000000			TWP 12 RGE 15 W4M LSD 2 SEC 7 ALL PNG FROM BASE SECOND_WHITE_SPECKLED_SHALE TO BASE SAWTOOTH
					Total Rental: 40.00				
			16.000	4.800	Undev:	0.000	0.000		0.000

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File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Status	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
										Hectares	Net					
M00909	PNG	FH	WI	AB46-27763	HOUSTON	Dec 01, 1988	Nov 30, 1990	HBP	DEVELOPED	16.000	16.000	C00681	C	No	WI	TWP 12 RGE 15 W4M LSD 6 SEC 7
										16.000	16.000	MANITOK			46.15400000	ALL PNG FROM BASE
										7.385	7.385	HOUSTON			53.84600000	SECOND_WHITE_SPECKLED_SHALE TO
										Total Rental: 40.00						BASE SAWTOOTH
										Hectares	Net	Hectares	Undev:		Hectares	Net
										16.000	7.385	0.000			0.000	0.000
M00712	PNG	CR	WI	0493070019	MANITOK	Jul 08, 1993	Jul 07, 1998		DEVELOPED	16.000	16.000	MANITOK			100.00000000	TWP 12 RGE 15 W4M LSD 15 SEC 33
										16.000	16.000					ALL PNG FROM TOP SURFACE TO
										Total Rental: 56.00						BASE SAWTOOTH
										Hectares	Net	Hectares	Undev:		Hectares	Net
										16.000	16.000	0.000			0.000	0.000
M00739	PNG	CR	WI	0484110010	MANITOK	Nov 01, 1984	Oct 31, 1989		DEVELOPED	64.000	64.000	MANITOK			100.00000000	TWP 13 RGE 15 W4M NE 9
										64.000	64.000					ALL PNG FROM TOP SURFACE TO
										Total Rental: 224.00						BASE ARCS
										Hectares	Net	Hectares	Undev:		Hectares	Net
										64.000	64.000	0.000			0.000	0.000
M00890	PNG	CR	WI			Mar 20, 1986	Mar 19, 1991		DEVELOPED	96.000	96.000	C00667	A	No	WI	TWP 13 RGE 15 W4M SW 17, LSD 2,
										96.000	96.000	MANITOK			45.00000000	LSD 7 SEC 17
										Hectares	Net	Hectares	Undev:		Hectares	Net
										96.000	96.000	0.000			0.000	0.000

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MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00890							
Sub: A							
ACTIVE	0486030203	Ext: 15	43.200	CNR		55.00000000	ALL PNG FROM BASE BOW_ISLAND TO BASE SAWTOOTH (EXCL 100/03-17-013-15W4/00 WELLBORE)
100.00000000	CNRL				Total Rental: 336.00		
	CNRL						
	DEVELOPED	Dev:	96.000	Net	43.200	Undev:	0.000
							0.000
M00891	PNG	CR	Eff: Mar 20, 1986	32.000	C00667 A No	WI	TWP 13 RGE 15 W4M LSD 10, 11
Sub: A	WI		Exp: Mar 19, 1991	32.000	MANITOK	45.00000000	SEC 17
ACTIVE	0486030202	Ext: 15	14.400	CNR		55.00000000	ALL PNG FROM BASE BOW_ISLAND TO BASE SAWTOOTH
100.00000000	CNRL				Total Rental: 112.00		
	CNRL						
	DEVELOPED	Dev:	32.000	Net	14.400	Undev:	0.000
							0.000
M01223	PNG	CR	Eff: Sep 18, 2014	16.000		WI	TWP 13 RGE 15 W4M LSD 14 SEC 17
Sub: A	WI		Exp: Sep 17, 2019	16.000	MANITOK	100.00000000	ALL PNG FROM BASE BOW_ISLAND TO BASE BASEMENT (EXCL 100/14-17-13-15W4/00 WELLBORE)
ACTIVE	0414090129		16.000		Total Rental: 56.00		
100.00000000	MANITOK						
	MANITOK						
	UNDEVELOPED	Dev:	0.000	Net	0.000	Undev:	16.000
							16.000
M01223	PNG	CR	Eff: Sep 18, 2014	0.000	C00742 A No	WI	TWP 13 RGE 15 W4M LSD 14 SEC 17

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**MANITOK ENERGY, INC.
Mineral Property Report**

Province: ALBERTA
Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01223	WI		0.000	MANITOK	0.000	77.50000000	(100/14-17-13-15W4/00 WELLBORE ONLY)
Sub: B ACTIVE	0414090129 MANITOK		0.000	CNR	0.000	22.50000000	
100.00000000	MANITOK		Count Acreage = No	Total Rental: 0.00			
			Dev:	Hectares	Net	Undev:	Hectares
				0.000	0.000		0.000
							Net
							0.000
M00906	PNG	CR	48.000	C00680	A	No	WI
Sub: A ACTIVE	0402100014 MANITOK		48.000	MANITOK			77.50000000
100.00000000	MANITOK		37.200	CNR			22.50000000
			Dev:	Total Rental: 168.00			
				Hectares	Net	Undev:	Hectares
				48.000	37.200		0.000
							Net
							0.000
M00744	PNG	CR	48.400				WI
Sub: A ACTIVE	0485110364 MANITOK		48.400	MANITOK			100.00000000
100.00000000	MANITOK		48.400				TWP 14 RGE 14 W4M SE PTN 9 ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
			Dev:	Total Rental: 169.40			
				Hectares	Net	Undev:	Hectares
				48.400	48.400		0.000
							Net
							0.000
M00756	PNG	CR	64.000				WI
			Dev:	Total Rental: 168.00			
				Hectares	Net	Undev:	Hectares
				64.000	37.200		0.000
							Net
							0.000

REPORTED IN HECTARES

**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
(cont'd)							
M00756	RI		64.000	GRAND PRIX ENER	100.000000000		ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
Sub: A	Exp: Apr 30, 2013						
ACTIVE	Ext: 15		0.000	Total Rental: 224.00			
100.00000000	GRAND PRIX ENER						
	GRAND PRIX ENER						
	Status	Hectares	Net	Undev:	Hectares	Net	Net
	UNDEVELOPED	0.000	0.000		64.000	0.000	0.000

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : ENCHANT

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross	Net	Doi Partner(s)	*	*
Mineral Int	Operator / Payor						

Area Total:	Total Gross:	2,256.400	Total Net:	1,353.690	Undev Gross :	544.000	Undev Net :	139.676
	Dev Gross:	1,712.400	Dev Net:	1,214.014				

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : HARMON

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Status	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
									Net	Gross				
* Doi Partner(s) *														
M00876	OSL	CR	UNDEVELOPED	7404041030	MANITOK	Apr 22, 2004	Apr 21, 2019	UNDEVELOPED	0.000	768.000	A	No	WI	TWP 83 RGE 19 W5M SEC 15, SEC 16, SEC 21
Sub:	A	WI		7404041030	MANITOK					768.000			50.000000000	ALL OIL_SANDS FROM TOP
ACTIVE										384.000			50.000000000	PEACE_RIVER_GROUP TO BASE
100.000000000										Total Rental:	2688.00			PEKISKO
* Doi Partner(s) *														
M00879	OSL	CR	UNDEVELOPED	7404080869	MANITOK	Aug 19, 2004	Aug 18, 2019	UNDEVELOPED	0.000	384.000	A	No	WI	TWP 83 RGE 19 W5M NW 17, S 17, NW 20, S 20
Sub:	B	WI		7404080869	MANITOK					384.000			50.000000000	ALL OIL_SANDS FROM TOP
ACTIVE										192.000			50.000000000	PEACE_RIVER_GROUP TO BASE
100.000000000										Total Rental:	1344.00			PEKISKO
* Doi Partner(s) *														
M00879	OSL	CR	UNDEVELOPED	7404080869	MANITOK	Aug 19, 2004	Aug 18, 2019	UNDEVELOPED	0.000	128.000	A	No	WI	TWP 83 RGE 19 W5M NE 17, NE 20
Sub:	D	WI		7404080869	MANITOK					128.000			50.000000000	ALL OIL_SANDS FROM TOP
ACTIVE										64.000			50.000000000	PEACE_RIVER_GROUP TO BASE
100.000000000										Total Rental:	448.00			PEKISKO
* Doi Partner(s) *														
M00879	OSL	CR	UNDEVELOPED	7404080869	MANITOK	Aug 19, 2004	Aug 18, 2019	UNDEVELOPED	0.000	192.000	B	No	WI	TWP 83 RGE 19 W5M N 29, SW 29
Sub:	A	WI		7404080869	MANITOK					192.000			50.000000000	ALL OIL_SANDS FROM TOP
ACTIVE										96.000			50.000000000	PEACE_RIVER_GROUP TO BASE

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MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : HARMON

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00879
 Sub: A MANITOK
 100.00000000 MANITOK
 Total Rental: 672.00
 PEKISKO

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	192.000	96.000

M00879
 Sub: C
 ACTIVE
 7404080869
 MANITOK
 100.00000000 MANITOK
 Total Rental: 224.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	192.000	96.000

TWP 83 RGE 19 W5M SE 29
 ALL OIL_SANDS FROM TOP
 PEACE_RIVER_GROUP TO BASE
 PEKISKO

Status	Hectares	Net	Hectares	Net
DEVELOPED	64.000	32.000	0.000	0.000

M00962
 Sub: A
 ACTIVE
 6876
 HARVEST
 100.00000000 HARVEST
 Total Rental: 3360.00

Status	Hectares	Net	Hectares	Net
DEVELOPED	960.000	90.970	0.000	0.000

TWP 87 RGE 14 W5M SEC 6, SEC 7,
 W 8, SW 18
 TWP 87 RGE 15 W5M E 1, NE 12,
 SE 13
 ALL PNG IN SLAVE_POINT
 (EXCL 102/14-07-87-14W5M/02
 WELLBORE)

M00962
 Sub: B
 PEN
 9.47609000
 APEN
 9.47609000
 TWP 87 RGE 14 W5M SEC 7
 (PENALTY WELL)

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : HARMON

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
(cont'd)							
M00962							
Sub: B							
ACTIVE	6876	Ext: 15	0.000	868218 ALBERTA	1.95801000	102/14-07-87-14W5M/02 WELLBORE)	
	HARVEST			HARVEST	88.56590000		
100.00000000	HARVEST						
				Total Rental:	0.00		
	Status		Hectares	Net	Undev:	Hectares	Net
			0.000	0.000		0.000	0.000

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MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : HARMON

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	

Area Total:	Total Gross:	2,496.000	Total Net:	858.970	Undev Gross:	1,472.000	Undev Net:	736.000
	Dev Gross:	1,024.000	Dev Net:	122.970				

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MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
 Area : HOOKER

OTHER AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Oper. Cont.	ROFR	Exposure		DOI Code	Lease Description / Rights Held			
							Gross	Net			Doi Partner(s)	*	*
M00301	PNG	CR	Dec 19, 2013				128.000						
Sub: A	RI		Dec 18, 2018		A No		128.000		WI	TWP 15 RGE 29 W4M N 27			
ACTIVE	0413120155	WHITECAP RES			WHITECAP RES		0.000		100.000000000	ALL PNG			
100.000000000		WHITECAP RES			WHITECAP RES	Total Rental: 448.00							
		WHITECAP RES											
		UNDEVELOPED	Dev:				0.000		0.000	128.000			
										0.000			
M00302	PNG	CR	Dec 19, 2013				256.000						
Sub: A	RI		Dec 18, 2018		A No		256.000		WI	TWP 15 RGE 29 W4M SEC 32			
ACTIVE	0413120156	WHITECAP RES			WHITECAP RES		0.000		100.000000000	ALL PNG			
100.000000000		WHITECAP RES			WHITECAP RES	Total Rental: 896.00							
		WHITECAP RES											
		UNDEVELOPED	Dev:				0.000		0.000	256.000			
										0.000			
M00298	PNG	CR	Dec 05, 2013				256.000						
Sub: A	RI		Dec 04, 2018		A No		256.000		WI	TWP 16 RGE 29 W4M SEC 2			
ACTIVE	0413120017	WHITECAP RES			WHITECAP RES		0.000		100.000000000	ALL PNG			
100.000000000		WHITECAP RES			WHITECAP RES	Total Rental: 896.00							
		WHITECAP RES											
		UNDEVELOPED	Dev:				0.000		0.000	256.000			
										0.000			
M00303	PNG	CR	Dec 18, 2013				256.000						
Sub: A	RI		Dec 17, 2018		A No		256.000		WI	TWP 16 RGE 29 W4M SEC 3			
ACTIVE	0413120158	WHITECAP RES			WHITECAP RES		0.000		100.000000000	ALL PNG			
		WHITECAP RES											
		UNDEVELOPED	Dev:				0.000		0.000	256.000			
										0.000			

REPORTED IN HECTARES

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : HOOKER

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)		

(cont'd)

M00303

Sub: A WHITECAP RES
 100.00000000 WHITECAP RES

Total Rental: 896.00

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	0.000
Dev:		Undev:		

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : HOOKER

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross	Net	Doi Partner(s)	*	*
Mineral Int	Operator / Payor						

Area Total:	Total Gross:	896.000	Total Net:	0.000	Undev Gross:	896.000	Undev Net:	0.000
	Dev Gross:	0.000	Dev Net:	0.000				

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Gross	Doi Partner(s)	*	*	*
Mineral Int	Operator / Payor	Status	Hectares	Net	Undev:	Hectares	Net	Hectares
M00937	PNG	CR	Eff: Jun 26, 2008	256.000	WI	TWP 79 RGE 5 W5M SEC 26		
Sub: A	WI		Exp: Jun 25, 2013	256.000	MANITOK	100.000000000	0.000	0.000
ACTIVE	0508060310		Ext: 15	256.000				
	MANITOK							
100.00000000	MANITOK				Total Rental: 896.00			
		DEVELOPED	Dev:	256.000	Net	256.000	Undev:	0.000
M01222	PNG	CR	Eff: Mar 06, 2014	256.000	WI	TWP 79 RGE 5 W5M SEC 27		
Sub: A	WI		Exp: Mar 05, 2019	256.000	MANITOK	100.000000000	0.000	0.000
ACTIVE	0514030209			256.000				
	MANITOK							
100.00000000	MANITOK				Total Rental: 896.00			
		UNDEVELOPED	Dev:	0.000	Net	0.000	Undev:	256.000
M00932	PNG	CR	Eff: Apr 27, 1959	64.000	C00717 A No	TWP 87 RGE 7 W5M SE 7		
Sub: A	WI		Exp: Apr 26, 1980	64.000	MANITOK	13.750000000	64.000	8.800
ACTIVE	115792		Ext: 15	8.800	CHAIR RESOURCES	5.77986800	5.77986800	
	HUSKY				MOUNT BASTION	58.47013200	58.47013200	
100.00000000	MOUNT BASTION				CARDINAL ENERGY	1.375000000	1.375000000	
					SENERGY INC	8.250000000	8.250000000	
					PRAIRIE PROV	12.375000000	12.375000000	
		UNDEVELOPED	Dev:	0.000	Net	0.000	Undev:	8.800
					Total Rental: 224.00			

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Ext:	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	Gross		
														Net	Doi Partner(s)	*
M00931	PNG	CR	Sub: A	WI	0590040472	Apr 19, 1990	Apr 18, 1995	15	64.000	C00709	A	WI	TWP 87 RGE 8 W5M SE 12	16.17660000	16.17660000	0.000
			ACTIVE	OBSIDIAN ENERGY	MOUNT BASTION				10.353	CHAIR RESOURCES		12.36321000	ALL PNG FROM TOP SURFACE TO	12.36321000	12.36321000	0.000
										MOUNT BASTION		55.28359000	BASE GRANITE_WASH	55.28359000	55.28359000	0.000
										CARDINAL ENERGY		16.17660000	(EXCL 100/01-12-087-08W5	16.17660000	16.17660000	0.000
													WELLBORE)			0.000
Total Rental: 224.00																
M00931	PNG	CR	Sub: B	WI	0590040472	Apr 19, 1990	Apr 18, 1995	15	64.000	C00709	B	BPEN	TWP 87 RGE 8 W5M SE 12	19.29850000	19.29850000	0.000
			ACTIVE	OBSIDIAN ENERGY	MOUNT BASTION				0.000	MANITOK		14.74910000	(100/01-12-087-08W5 PENALTY	14.74910000	14.74910000	0.000
										MOUNT BASTION		65.95240000	WELL ONLY)	65.95240000	65.95240000	0.000
										CARDINAL ENERGY						0.000
Total Rental: 0.00																
M00874	PNG	CR	Sub: F	WI	0501110189	Nov 01, 2001	Oct 31, 2006	15	64.000	C00664	A	WI	TWP 87 RGE 8 W5M NE 25	30.00000000	30.00000000	0.000
			ACTIVE	PACE OIL & GAS	MANITOK				19.200	MANITOK		70.00000000	ALL PNG FROM TOP SURFACE TO	70.00000000	70.00000000	0.000
										CNRNAP			BASE KEG_RIVER			0.000
													EXCL PNG IN BLUESKY-BULLHEAD			19.200
Total Rental: 224.00																

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00874	PNG	CR	64.000			WI	TWP 87 RGE 8 W5M NE 25												
Sub: J	WI		0.000	MANITOK		100.00000000	ALL PNG IN BLUESKY-BULLHEAD												
ACTIVE	0501110189	MANITOK	0.000	Total Rental: 0.00															
100.00000000	MANITOK	MANITOK		Count Acreage = No															
<table border="1"> <thead> <tr> <th>Status</th> <th>Hectares</th> <th>Net</th> <th>Undev:</th> <th>Hectares</th> <th>Net</th> </tr> </thead> <tbody> <tr> <td></td> <td>0.000</td> <td>0.000</td> <td></td> <td>0.000</td> <td>0.000</td> </tr> </tbody> </table>								Status	Hectares	Net	Undev:	Hectares	Net		0.000	0.000		0.000	0.000
Status	Hectares	Net	Undev:	Hectares	Net														
	0.000	0.000		0.000	0.000														

M00874	PNG	CR	64.000			WI	TWP 87 RGE 8 W5M SE 36												
Sub: A	WI		64.000	MANITOK		30.00000000	ALL PNG FROM TOP SURFACE TO												
ACTIVE	0501110189	MANITOK	0.000	CNRNAP		70.00000000	BASE KEG_RIVER												
100.00000000	MANITOK	MANITOK		Total Rental: 224.00			EXCL PNG IN BLUESKY-BULLHEAD												
<table border="1"> <thead> <tr> <th>Status</th> <th>Hectares</th> <th>Net</th> <th>Undev:</th> <th>Hectares</th> <th>Net</th> </tr> </thead> <tbody> <tr> <td>DEVELOPED</td> <td>64.000</td> <td>19.200</td> <td></td> <td>0.000</td> <td>0.000</td> </tr> </tbody> </table>								Status	Hectares	Net	Undev:	Hectares	Net	DEVELOPED	64.000	19.200		0.000	0.000
Status	Hectares	Net	Undev:	Hectares	Net														
DEVELOPED	64.000	19.200		0.000	0.000														

M00874	PNG	CR	64.000			WI	TWP 87 RGE 8 W5M SE 36												
Sub: B	WI		0.000	MANITOK		100.00000000	ALL PNG IN BLUESKY-BULLHEAD												
ACTIVE	0501110189	MANITOK	0.000	Total Rental: 0.00															
100.00000000	MANITOK	MANITOK		Count Acreage = No															
<table border="1"> <thead> <tr> <th>Status</th> <th>Hectares</th> <th>Net</th> <th>Undev:</th> <th>Hectares</th> <th>Net</th> </tr> </thead> <tbody> <tr> <td></td> <td>0.000</td> <td>0.000</td> <td></td> <td>0.000</td> <td>0.000</td> </tr> </tbody> </table>								Status	Hectares	Net	Undev:	Hectares	Net		0.000	0.000		0.000	0.000
Status	Hectares	Net	Undev:	Hectares	Net														
	0.000	0.000		0.000	0.000														

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*	*
(cont'd)								
M00874	PNG	CR	128.000	C00664	C No	WI	TWP 87 RGE 8 W5M N 36	
Sub: E	WI		0.000	MANITOK		30.00000000	ALL PNG FROM TOP SURFACE TO TOP	
ACTIVE	0501110189	PACE OIL & GAS	0.000	CNRNAP		70.00000000	BLUESKY-BULLHEAD	
100.00000000	MANITOK		Count Acreage = No		Total Rental: 0.00			
			Status	Hectares	Net	Hectares	Net	Net
			Dev:	0.000	0.000	0.000	0.000	0.000
			Undev:					

M00874	PNG	CR	128.000			WI	TWP 87 RGE 8 W5M N 36	
Sub: I	WI		128.000	MANITOK		100.00000000	ALL PNG IN BLUESKY-BULLHEAD	
ACTIVE	0501110189	MANITOK	128.000		Total Rental: 448.00			
100.00000000	MANITOK		Count Acreage = No		Total Rental: 448.00			
			Status	Hectares	Net	Hectares	Net	Net
			Dev:	128.000	128.000	0.000	0.000	0.000
			Undev:					

M00874	PNG	CR	48.000	C00664	A No	WI	TWP 87 RGE 8 W5M LSD 3, LSD 5,	
Sub: C	WI		0.000	MANITOK		30.00000000	LSD 6 SEC:36	
ACTIVE	0501110189	PACE OIL & GAS	0.000	CNRNAP		70.00000000	ALL PNG FROM TOP SURFACE TO	
100.00000000	MANITOK		Count Acreage = No		Total Rental: 0.00		BASE KEG_RIVER	
			Status	Hectares	Net	Hectares	Net	Net
			Dev:	0.000	0.000	0.000	0.000	0.000
			Undev:					

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REPORTED IN HECTARES

**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M00874
 Sub: C

M00874	PNG	CR	Eff: Nov 01, 2001	48.000	WI		TWP 87 RGE 8 W5M LSD 3, LSD 5, LSD 6 SEC.36
Sub: G	WI		Exp: Oct 31, 2006	48.000	MANITOK	100.00000000	ALL PNG IN BLUESKY-BULLHEAD
ACTIVE	0501110189		Ext: 15	48.000			
	MANITOK		Total Rental: 168.00				
100.00000000	MANITOK						

Status	Hectares	Net	Hectares	Net
DEVELOPED	48.000	48.000	0.000	0.000
	Dev:		Undev:	

M00874
 Sub: D

M00874	PNG	CR	Eff: Nov 01, 2001	16.000	C00664 B No	WI	TWP 87 RGE 8 W5M LSD 4 SEC 36
Sub: D	WI		Exp: Oct 31, 2006	0.000	MANITOK	30.00000000	ALL PNG FROM TOP SURFACE TO TOP KEG_RIVER
ACTIVE	0501110189		Ext: 15	0.000	CNRNAP	70.00000000	EXCL PNG IN BLUESKY-BULLHEAD EXCL PNG IN SLAVE_POINT
	PACE OIL & GAS		Total Rental: 0.00				
100.00000000	MANITOK						

Status	Hectares	Net	Hectares	Net
DEVELOPED	0.000	0.000	0.000	0.000
	Dev:		Undev:	

M00874
 Sub: H

M00874	PNG	CR	Eff: Nov 01, 2001	16.000	WI		TWP 87 RGE 8 W5M LSD 4 SEC 36
Sub: H	WI		Exp: Oct 31, 2006	16.000	MANITOK	100.00000000	ALL PNG IN BLUESKY-BULLHEAD; ALL PNG IN SLAVE_POINT;
ACTIVE	0501110189		Ext: 15	16.000			ALL PNG IN KEG_RIVER
	MANITOK		Total Rental: 56.00				
100.00000000	MANITOK						

Status	Hectares	Net	Hectares	Net
DEVELOPED	16.000	16.000	0.000	0.000
	Dev:		Undev:	

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**MANITOK ENERGY . INC.
Mineral Property Report**

Province: ALBERTA
Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)			
					*	*	

(cont'd)

M00874

Sub: H

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MANITOK ENERGY . INC. Mineral Property Report

Province: ALBERTA
Area : RED EARTH

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	

Area Total:	Total Gross:	960.000	Total Net:	761.553	Undev Gross:	384.000	Undev Net:	284.000
	Dev Gross:	576.000	Dev Net:	477.553				

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Exposure Gross	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
									Net	Doi Partner(s)	*
M00328	LICENCE CR	WI	Sep 18, 2014	Sep 17, 2019	1,782.600	MANITOK	WI	100.00000000	TWP 31 RGE 6 W5M SEC 16, 20, 21, 29, 30, S & NE 31, PTN NW 31, 32		
Sub: A	5514090267	MANITOK			1,782.600				(PORTION LYING SOUTH EAST OF THE LEFT BANK OF THE RED DEER RIVER)		
100.00000000	MANITOK				Total Rental: 6239.10				ALL PNG (SURFACE ACCESS IS SUBJECT TO SPECIFIC RESTRICTIONS)		1,782.600
						0.000	0.000	1,782.600			
M00347	LICENCE CR	WI	Feb 12, 2015	Feb 11, 2020	5,376.000	MANITOK	WI	50.00000000	TWP 31 RGE 7 W5M SECS 4-9, 16-21, 28-33		
Sub: A	5515020106	MANITOK			5,376.000				TWP 31 RGE 8 W5M SEC 1, 12, 13 ALL PNG		
100.00000000	MANITOK				Total Rental: 18816.00						
						0.000	0.000	5,376.000			
M00348	LICENCE CR	WI	Apr 09, 2015	Apr 08, 2020	2,304.000	MANITOK	WI	50.00000000	TWP 31 RGE 8 W5M SEC 2-5, 8-11, 17		
Sub: A	5515040064	MANITOK			2,304.000				ALL PNG		
100.00000000	MANITOK				Total Rental: 8064.00						
						0.000	0.000	2,304.000			

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*		
Mineral Int	Operator / Payor	Operator / Payor	Net	Doi Partner(s)	*	*	*		
M01128	PNG	CR	Eff: Nov 04, 1975	256.000	C00844	A	Yes	WI	TWP 31 RGE 8 W5M SEC 6
Sub: A	WI	40559	Exp: Nov 03, 1985	256.000	MANITOK			100.000000000	ALL NG IN RUNDLE_GROUP
ACTIVE	MANITOK	MANITOK	Ext: 15	256.000					
100.000000000	SHELL CANADA EN	MANITOK	Total Rental: 896.00						
			Status	Hectares	Net	Undev:	Hectares	Net	Hectares
			DEVELOPED	64.000	64.000		192.000	192.000	
M00394	LICENCE	CR	Eff: Oct 01, 2015	1,280.000	C00170	A	No	WI	TWP 31 RGE 8 W5M SEC 14, 15,
Sub: A	WI	5515100109	Exp: Sep 30, 2020	1,280.000	MANITOK			50.000000000	16, 22, 27
ACTIVE	MANITOK	MANITOK		640.000	BIRCHHILL			50.000000000	ALL PNG
100.000000000	MANITOK	MANITOK	Total Rental: 4480.00						
			Status	Hectares	Net	Undev:	Hectares	Net	Hectares
			UNDEVELOPED	0.000	0.000		1,280.000	640.000	
M00348	LICENCE	CR	Eff: Apr 09, 2015	256.000	C00170	B	No	WI	TWP 31 RGE 8 W5M SEC 23
Sub: B	WI	5515040064	Exp: Apr 08, 2020	256.000	MANITOK			50.000000000	ALL PNG BELOW BASE CARDIUM
ACTIVE	MANITOK	MANITOK		128.000	BIRCHHILL			50.000000000	
100.000000000	MANITOK	MANITOK	Total Rental: 896.00						
			Status	Hectares	Net	Undev:	Hectares	Net	Hectares
			UNDEVELOPED	0.000	0.000		256.000	128.000	
M00407	LICENCE	CR	Eff: Oct 01, 2015	2,560.000	C00170	A	No	WI	TWP 31 RGE 8 W5M SEC 24, 25,
Sub: A	WI	5515040064	Exp: Sep 30, 2020	2,560.000	MANITOK			50.000000000	35, 36
ACTIVE	MANITOK	MANITOK		2,560.000	MANITOK			50.000000000	

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M00407							
Sub: A							
ACTIVE	5515100110	MANITOK	1,280.000	BIRCHILL		50.000000000	TWP 32 RGE 8 W5M SEC 2, 9, 11,17,20, 21 ALL PNG
100.00000000	MANITOK		Total Rental:	8960.00		2,560.000	1,280.000
M00573	LICENCE CR		256.000	C00170 C No		WI	TWP 31 RGE 8 W5M SEC 26
Sub: A	WI		256.000	MANITOK		50.000000000	ALL PNG BELOW BASE VIKING_ZONE TO BASE BASEMENT
ACTIVE	5517010138	MANITOK	128.000	BIRCHILL		50.000000000	
100.00000000	MANITOK		Total Rental:	896.00		256.000	128.000
M00422	LICENCE CR		768.000	C00170 A No		WI	TWP 31 RGE 8 W5M SEC 34
Sub: A	WI		768.000	MANITOK		50.000000000	TWP 32 RGE 8 W5M SEC 3, 4 ALL PNG
ACTIVE	5515100111	MANITOK	384.000	BIRCHILL		50.000000000	
100.00000000	MANITOK		Total Rental:	2688.00		768.000	384.000
M01130	PNG CR		256.000	C00844 C Yes		WI	TWP 31 RGE 9 W5M SEC 1

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Net	Hectares	Net
Mineral Int	Operator / Payor	Operator / Payor	Net	Doi Partner(s)	Net	Hectares	Net
(cont'd)							
M01130	WI	Exp: Oct 02, 1981	256.000	MANITOK	50.000000000	50.000000000	ALL PNG BELOW BASE WABAMUN
ACTIVE	120776	Ext: 15	128.000	SHELL CANADA EN	50.000000000	50.000000000	
100.000000000	SHELL CANADA EN		Total Rental: 896.00				
	SHELL CANADA EN						
			Hectares	Net	Hectares	Net	
	UNDEVELOPED	Dev:	0.000	0.000	256.000	128.000	
M01127	PNG	CR	Exp: Sep 29, 1955	C00844	B	Yes	WI
ACTIVE	104486	MANITOK	Exp: Sep 28, 1976	MANITOK	100.000000000	100.000000000	TWP 31 RGE 9 W5M SEC 12
100.000000000	MANITOK		Ext: 15				ALL PNG IN SURFACE
	SHELL CANADA EN		Total Rental: 896.00				
	SHELL CANADA EN						
			Hectares	Net	Hectares	Net	
	DEVELOPED	Dev:	64.000	64.000	192.000	192.000	
M01127	PNG	CR	Exp: Sep 29, 1955	C00844	C	Yes	WI
ACTIVE	104486	MANITOK	Exp: Sep 28, 1976	MANITOK	50.000000000	50.000000000	TWP 31 RGE 9 W5M SEC 13
100.000000000	MANITOK		Ext: 15				ALL PNG IN SURFACE
	SHELL CANADA EN		Total Rental: 896.00				
	SHELL CANADA EN						
			Hectares	Net	Hectares	Net	
	UNDEVELOPED	Dev:	0.000	0.000	256.000	128.000	
M01127	PNG	CR	Exp: Sep 29, 1955	C00844	C	Yes	WI
ACTIVE	104486	MANITOK	Exp: Sep 28, 1976	MANITOK	50.000000000	50.000000000	TWP 31 RGE 9 W5M SEC 14
100.000000000	MANITOK		Ext: 15				
	SHELL CANADA EN		Total Rental: 896.00				
	SHELL CANADA EN						
			Hectares	Net	Hectares	Net	
	UNDEVELOPED	Dev:	0.000	0.000	256.000	128.000	

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01127	WI	MANITOK	256.000	MANITOK		50.000000000	ALL PNG IN SURFACE
Sub: C	Exp: Sep 28, 1976						
ACTIVE	Ext: 15	SHELL CANADA EN	128.000			50.000000000	
		MANITOK					
100.000000000		SHELL CANADA EN		Total Rental: 896.00			
				Net		Hectares	Net
			0.000	0.000	Undev:	256.000	128.000
M01129	PNG	CR	256.000	C00844	C Yes	WI	TWP 31 RGE 9 W5M SEC 23
Sub: A	Eff: Oct 03, 1960			MANITOK		50.000000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	Exp: Oct 02, 1981			SHELL CANADA EN		50.000000000	BASE WABAMUN
	Ext: 15						
100.000000000		SHELL CANADA EN		Total Rental: 896.00			
		SHELL CANADA EN		Net		Hectares	Net
			0.000	0.000	Undev:	256.000	128.000
M00998	NG	CR	320.000	C00773	A Yes	WI	TWP 32 RGE 6 W5M NW 30, S 30, W
Sub: A	Eff: Jul 12, 1972			MANITOK		25.000000000	31
ACTIVE	Exp: Jul 11, 1993			BONAVISTA ENC		25.000000000	(ALL NG IN NISKU
	Ext: 15			EXXONMOBIL PROP		50.000000000	ALL NG IN LEDUC)
100.000000000		EXXONMOBIL RES		Total Rental: 1120.00			
		EXXONMOBIL PROP		Net		Hectares	Net
			0.000	0.000	Undev:	320.000	80.000

REPORTED IN HECTARES

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Eff:	Exp:	Status	Exposure		Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
									Gross	Net				
* Doi Partner(s) *														
M00574	LICENCE	CR	WI	5517010139	MANITOK	Jan 12, 2017		UNDEVELOPED	0.000	256.000	C00170	No	WI	TWP 32 RGE 8 W5M SEC 10
Sub: B	ACTIVE					Jan 11, 2022			0.000	256.000	MANITOK		50.000000000	ALL PNG BELOW BASE VIKING_ZONE
									0.000	128.000	BIRCHILL		50.000000000	TO BASE BASEMENT
100.000000000										Total Rental:		1344.00		
* Doi Partner(s) *														
M00574	LICENCE	CR	WI	5517010139	MANITOK	Jan 12, 2017		UNDEVELOPED	0.000	512.000	C00170	A	WI	TWP 32 RGE 8 W5M SEC 14, SEC 22
Sub: A	ACTIVE					Jan 11, 2022			0.000	512.000	MANITOK		50.000000000	ALL PNG
									0.000	256.000	BIRCHILL		50.000000000	
100.000000000										Total Rental:		1344.00		
* Doi Partner(s) *														
M00360	LICENCE	CR	WI	5515060114	MANITOK	Jun 10, 2015		UNDEVELOPED	0.000	256.000	C00170	B	WI	TWP 32 RGE 8 W5M SEC 15
Sub: A	ACTIVE					Jun 09, 2020			0.000	256.000	MANITOK		50.000000000	ALL PNG BELOW BASE CARDIUM
									0.000	128.000	BIRCHILL		50.000000000	
100.000000000										Total Rental:		896.00		
* Doi Partner(s) *														
M00086	PNG	CR	WI			Dec 12, 1996		UNDEVELOPED	0.000	256.000			WI	TWP 32 RGE 8 W5M SEC 16
Sub: A						Dec 11, 2001			0.000	256.000	MANITOK		100.000000000	ALL PNG TO BASE VIKING_ZONE

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held		
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	Net	Hectares	Net	Hectares
Mineral Int	Operator / Payor	Operator / Payor	Net	Doi Partner(s)	Gross	Net	Hectares	Net	Hectares
(cont'd)									
M00086	Sub: A								
ACTIVE	0696120380	MANITOK	Ext: 15		256.000	0.000	256.000	256.000	256.000
100.00000000	TAGA					0.000	256.000	256.000	256.000
					Total Rental: 896.00	0.000	256.000	256.000	256.000
M00998	Sub: B								
ACTIVE	1337	EXXONMOBIL RES	Eff: Jul 12, 1972		640.000	0.000	640.000	640.000	640.000
100.00000000	EXXONMOBIL PROP		Exp: Jul 11, 1993		640.000	0.000	640.000	640.000	640.000
			Ext: 15		160.000	0.000	160.000	160.000	160.000
					EXXONMOBIL PROP	0.000	160.000	160.000	160.000
					Total Rental: 2240.00	0.000	160.000	160.000	160.000
M00999	Sub: A								
ACTIVE	1337A	EXXONMOBIL RES	Eff: Jul 12, 1972		192.000	0.000	192.000	192.000	192.000
100.00000000	EXXONMOBIL PROP		Exp: Jul 11, 1993		192.000	0.000	192.000	192.000	192.000
			Ext: 15		48.000	0.000	48.000	48.000	48.000
					ENERPLUS CORP	0.000	48.000	48.000	48.000
					EXXONMOBIL PROP	0.000	48.000	48.000	48.000
					NAL RES LIMITED	0.000	48.000	48.000	48.000
					SANLING	0.000	48.000	48.000	48.000
					Total Rental: 672.00	0.000	48.000	48.000	48.000

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MANITOK ENERGY . INC.
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 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Hectares	Net	Undev:	Hectares	Net

(cont'd)

M00999

Sub: A
 Status: UNDEVELOPED
 Dev: 0.000
 Hectares: 0.000
 Net: 0.000
 Undev: 0.000
 Hectares: 192.000
 Net: 48.000

M00998
 Sub: C
 ACTIVE
 100.00000000
 NG
 WI
 1337
 EXXONMOBIL RES
 EXXONMOBIL PROP
 CR
 Eff: Jul 12, 1972
 Exp: Jul 11, 1993
 Ext: 15
 C00773 A Yes
 MANITOK
 BONAVISTA EN C
 EXXONMOBIL PROP
 WI
 25.00000000
 25.00000000
 50.00000000
 TWP 33 RGE 7 W5M NW 24, S 24,
 NE 26
 (ALL NG IN NISKU
 ALL NG IN LEDUC)

Total Rental: 896.00

Status: DEVELOPED
 Dev: 192.000
 Hectares: 192.000
 Net: 48.000
 Undev: 64.000
 Hectares: 64.000
 Net: 16.000

M01001
 Sub: A
 ACTIVE
 100.00000000
 PNG
 WI
 9333
 SANLING
 SANLING
 CR
 Eff: Nov 01, 1966
 Exp: Oct 31, 1976
 Ext: 15
 C00773 C Yes
 MANITOK
 BONAVISTA EN C
 ENERPLUS CORP
 NAL RES LIMITED
 SANLING
 WI
 25.00000000
 25.00000000
 3.28125000
 11.42230000
 35.29645000
 TWP 33 RGE 7 W5M W 36
 ALL PNG FROM TOP SURFACE TO
 BASE CARDIUM
 EXCL NG FROM TOP SURFACE TO
 BASE CARDIUM

Total Rental: 448.00

Status: UNDEVELOPED
 Dev: 0.000
 Hectares: 0.000
 Net: 0.000
 Undev: 448.00
 Hectares: 128.000
 Net: 32.000

M01001
 Sub: B
 PNG
 RI
 CR
 Eff: Nov 01, 1966
 Exp: Oct 31, 1976
 0.000
 INSIGNIA ENERGY
 WI
 100.00000000
 TWP 33 RGE 7 W5M W 36
 ALL PNG FROM BASE CARDIUM TO

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*

(cont'd)

M01001	Sub: B						
ACTIVE	9333	SANLING	0.000	0.000			BASE NORDEGG
100.00000000	Ext: 15						
	SANLING						
	SANLING						
	Count Acreage =	No					
	Total Rental:	0.00					

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
		0.000	0.000	0.000	0.000	0.000

M01212	PNG	CR	Eff: Feb 24, 1983	128.000	WI		TWP 33 RGE 7 W5M E 36
Sub: A	RI		Exp: Feb 23, 1988	128.000	INSIGNIA ENERGY	100.000000000	ALL PNG FROM BASE CARDIUM TO
ACTIVE	0683020164		Ext: 15	0.000			BASE NORDEGG
	TAGA						
	SHELL CANADA EN						
100.00000000	Total Rental:	448.00					

Status	Dev:	Hectares	Net	Undev:	Hectares	Net
DEVELOPED		128.000	0.000	0.000	0.000	0.000

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REPORTED IN HECTARES

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : RICINUS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	

Area Total:	Total Gross:	19,062.600	Total Net:	10,358.600	Undev Gross:	18,614.600	Undev Net:	10,182.600
	Dev Gross:	448.000	Dev Net:	176.000				

**MANITOK ENERGY, INC.
Mineral Property Report**

REPORTED IN HECTARES

Province: ALBERTA
Area : UTIKUMA

OTHER AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Status	Exposure		Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
						Gross	Net				
						Gross		Net		Doi Partner(s) *	
						Hectares	Net	Undev:		Hectares	Net
M00145	OSL	CR	May 03, 2012		UNDEVELOPED	152.400	0.000				TWP 81 RGE 11 W5M PTN SEC 24 (PTNS LYING OUTSIDE UTIKOOMAK LAKE INDIAN RESERVE NO. 155B) OIL_SANDS BELOW TOP PEACE_RIVER_GROUP TO BASE PEKISKO
Sub: A	WI		May 02, 2027			152.400	0.000	MANITOK		100.000000000	WI
ACTIVE	7412050200					152.400		Total Rental: 533.40			
100.000000000	MANITOK										
100.000000000	MANITOK										
<hr/>											
M00146	OSL	CR	May 03, 2012		UNDEVELOPED	209.100	0.000				TWP 81 RGE 11 W5M PTN SEC 25 (PTNS LYING OUTSIDE UTIKOOMAK LAKE INDIAN RESERVE NO. 155B) OIL_SANDS BELOW TOP PEACE_RIVER_GROUP TO BASE PEKISKO
Sub: A	WI		May 02, 2027			209.100	0.000	MANITOK		100.000000000	WI
ACTIVE	7412050201					209.100		Total Rental: 731.85			
100.000000000	MANITOK										
100.000000000	MANITOK										
<hr/>											
M00147	OSL	CR	May 03, 2012		UNDEVELOPED	160.800	0.000				TWP 81 RGE 11 W5M PTN SEC 26 (PTNS LYING OUTSIDE UTIKOOMAK LAKE INDIAN RESERVE NO. 155B) OIL_SANDS BELOW TOP PEACE_RIVER_GROUP TO BASE PEKISKO
Sub: A	WI		May 02, 2027			160.800	0.000	MANITOK		100.000000000	WI
ACTIVE	7412050202					160.800		Total Rental: 562.80			
100.000000000	MANITOK										
100.000000000	MANITOK										
<hr/>											
M00148	OSL	CR	May 03, 2012		UNDEVELOPED	256.000	0.000				TWP 81 RGE 11 W5M SEC 27 OIL_SANDS BELOW TOP
Sub: A	WI		May 02, 2027			256.000	0.000	MANITOK		100.000000000	WI
ACTIVE	7412050203					256.000					

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**MANITOK ENERGY . INC.
 Mineral Property Report**

Province: ALBERTA
 Area : UTIKUMA

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*
Mineral Int			Gross			Lease Description / Rights Held

(cont'd)

M00148						
Sub: A	MANITOK			896.00		PEACE_RIVER_GROUP TO BASE
100.00000000	MANITOK					PEKISKO

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	256.000
		Undev:		

M00149	OSL	CR	Eff: May 03, 2012	256.000	WI	TWP 81 RGE 11 W5M SEC 35
Sub: A	WI		Exp: May 02, 2027	256.000	100.000000000	OIL_SANDS BELOW TOP
ACTIVE	7412050211	MANITOK		256.000		PEACE_RIVER_GROUP TO BASE
100.00000000	MANITOK					PEKISKO
			Total Rental:	896.00		

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	256.000	256.000
		Undev:		

M00277	OSL	CR	Eff: Feb 07, 2013	1,536.000	WI	TWP 82 RGE 12 W5M SEC 25, 26,
Sub: A	WI		Exp: Feb 06, 2028	1,536.000	100.000000000	28, 33, 35, 36
ACTIVE	7413020009	MANITOK		1,536.000		OIL_SANDS BELOW TOP
100.00000000	MANITOK					PEACE_RIVER_GROUP TO BASE
			Total Rental:	5376.00		PEKISKO

Status	Hectares	Net	Hectares	Net
UNDEVELOPED	0.000	0.000	1,536.000	1,536.000
		Undev:		

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MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : UTIKUMA

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross	Net	Doi Partner(s)	*	*
Mineral Int	Operator / Payor						

Area Total:	Total Gross:	2,570.300	Total Net:	2,570.300	Undev Gross:	2,570.300	Undev Net:	2,570.300
	Dev Gross:	0.000	Dev Net:	0.000				

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross		
Mineral Int			Net			*	*
M01175	PNG	FH	Eff: Aug 04, 1945	A	Yes	WI	TWP 26 RGE 5 W5M PTN SW 14
Sub: A	WI	MANITOK	2.868	C00841	2.868	33.50000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	ENCANA CORPORAT	Ext: HBP	0.961	SHELL CANADA EN	0.961	50.00000000	BASE VIKING_ZONE
	MANITOK	VERMILION RES				16.50000000	(PORTION TAKEN FOR THE RAILWAY
100.00000000	SHELL CANADA EN						RIGHT WAY)
		Total Rental:			7.17		
M01177	PNG	FH	Eff: Dec 05, 1999	A	Yes	WI	TWP 26 RGE 5 W5M SE 14
Sub: A	WI	MANITOK	4.892	C00841	4.892	33.50000000	(PTN LYING WITHIN RAILWAY ROW)
ACTIVE	ENCANA CORPORAT	Ext: HBP	1.639	SHELL CANADA EN	1.639	50.00000000	ALL PNG FROM TOP SURFACE TO
	MANITOK	VERMILION RES				16.50000000	BASE VIKING_ZONE
100.00000000	SHELL CANADA EN						
		Total Rental:			61.15		
M01162	PNG	CR	Eff: May 25, 1945	A	Yes	WI	TWP 26 RGE 5 W5M LSD 3, LSD 4,
Sub: A	WI	MANITOK	0.000	C00841	0.000	33.50000000	LSD 5, LSD 12 SEC 14
ACTIVE	70998	Ext: HBP	0.000	SHELL CANADA EN	0.000	50.00000000	ALL PNG FROM TOP SURFACE TO
	MANITOK	VERMILION RES				16.50000000	BASE VIKING_ZONE
100.00000000	SHELL CANADA EN						(PTN ROAD ALLOWANCE LOCATED
		Total Rental:			0.00		WITHIN THE JUMPING POUND UNIT)

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	Net	Hectares
Mineral Int	Operator / Payor	Status	Dev:	Hectares	Net	Undev:	Net
M01277	NG CR	Eff: Feb 01, 1965 Exp: Feb 01, 1975 Ext: 15	32.000	C00841 A Yes	WI	33.500000000	TWP 26 RGE 5 W5M LSD 3, LSD 4, LSD 5, LSD 12 SEC 14 ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE (PTN NOT TAKEN FOR RAILWAY RIGHT WAY)
Sub: A	WI	MANITOK	0.000	MANITOK	33.500000000	0.000	0.000
ACTIVE	4828	SHELL CANADA EN	0.000	VERMILION RES	50.000000000	0.000	0.000
100.000000000	MANITOK	DEVELOPED		VERMILION RES	16.500000000		
	SHELL CANADA EN	DEVELOPED		Total Rental: 80.00			
M01138	LICENCE CR	Eff: Sep 03, 1998 Exp: Sep 02, 2003 Ext: 15	187.108	C00841 A Yes	WI	33.500000000	TWP 26 RGE 5 W5M LSD 6, LSD 11, LSD 13, LSD 14 SEC 14, PTN SE 14, NE 14 ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE (PORTIONS LYING OUTSIDE RIGHT-OF-WAY AS SHOWN ON PLAN R.Y. 10)
Sub: A	WI	MANITOK	0.000	MANITOK	33.500000000	0.000	0.000
ACTIVE	5598090069	SHELL CANADA EN	62.681	SHELL CANADA EN	50.000000000	0.000	0.000
100.000000000	MANITOK	DEVELOPED		VERMILION RES	16.500000000		
	SHELL CANADA EN	DEVELOPED		Total Rental: 654.88			
M01162	PNG CR	Eff: May 25, 1945 Exp: May 24, 2044	1.608	C00843 B Yes	WI	50.250000000	TWP 26 RGE 5 W5M PTN SEC 15 ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE (ALL THOSE ROAD ALLOWANCES LYING AND BEING IN TOWNSHIP 26 RANGE 5)
Sub: B	WI	MANITOK	1.608	MANITOK	50.250000000	0.000	0.000
ACTIVE	70998	SHELL CANADA EN	0.808	SHELL CANADA EN	25.000000000	0.000	0.000
100.000000000	SHELL CANADA EN	DEVELOPED		VERMILION RES	24.750000000		
	SHELL CANADA EN	DEVELOPED		Total Rental: 0.00			

REPORTED IN HECTARES

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Int Type / Lse No/Name	Exposure	Oper.Cont.	ROFR	DOI Code	Gross		Lease Description / Rights Held
								Net	Doi Partner(s) *	
M01167	PNG	FH		64.000	C00843	B	Yes	WI		TWP 26 RGE 5 W5M NW 15
Sub: A	WI			64.000	MANITOK			50.25000000		ALL PNG FROM TOP SURFACE TO
ACTIVE		SISTERS OF CHARIT	Ext: HBP	32.160	SHELL CANADA EN			25.00000000		BASE VIKING_ZONE
		SHELL CANADA EN			VERMILION RES			24.75000000		
100.00000000		SHELL CANADA EN								
					Total Rental:		160.00			
								Hectares	Net	Net
				64.000				32.160	Undev:	0.000
										0.000
M01168	PNG	FH		63.150	C00843	B	Yes	WI		TWP 26 RGE 5 W5M NE 15
Sub: A	WI			63.150	MANITOK			50.25000000		ALL PNG FROM TOP SURFACE TO
ACTIVE		MCDougall	Ext: HBP	31.733	SHELL CANADA EN			25.00000000		BASE VIKING_ZONE
		SHELL CANADA EN			VERMILION RES			24.75000000		
100.00000000		SHELL CANADA EN								
					Total Rental:		160.00			
								Hectares	Net	Net
				63.150				31.733	Undev:	0.000
										0.000
M01169	PNG	CR		26.840	C00843	B	Yes	WI		TWP 26 RGE 5 W5M PTN S 15
Sub: A	WI			26.840	MANITOK			50.25000000		ALL PNG FROM TOP SURFACE TO
ACTIVE	9286	SHELL CANADA EN	Ext: 15	13.487	SHELL CANADA EN			25.00000000		BASE VIKING_ZONE
		SHELL CANADA EN			VERMILION RES			24.75000000		
100.00000000		SHELL CANADA EN								
					Total Rental:		93.94			
								Hectares	Net	Net
				26.840				13.487	Undev:	0.000
										0.000

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
M01170	NG	FH	40.540	C00843 B	Yes	WI	TWP 26 RGE 5 W5M PTN SW 15
Sub: A	WI		40.540	MANITOK		50.25000000	ALL NG FROM TOP SURFACE TO BASE
ACTIVE	CANADA TRUST	SHELL CANADA EN	20.371	SHELL CANADA EN		25.00000000	VIKING_ZONE
	SHELL CANADA EN	VERMILION RES				24.75000000	
100.00000000	SHELL CANADA EN			Total Rental: 100.13			
			40.540	20.371	Undev:	0.000	0.000
	DEVELOPED						
M01175	PNG	FH	6.188	C00843 B	Yes	WI	TWP 26 RGE 5 W5M PTN S 15
Sub: B	WI		6.188	MANITOK		50.25000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	ENCANA CORPORAT	SHELL CANADA EN	3.109	SHELL CANADA EN		25.00000000	BASE VIKING_ZONE
	SHELL CANADA EN	VERMILION RES				24.75000000	
100.00000000	SHELL CANADA EN			Total Rental: 15.47			
			6.188	3.109	Undev:	0.000	0.000
	DEVELOPED						
M01178	PNG	FH	54.920	C00843 B	Yes	WI	TWP 26 RGE 5 W5M PTN SE 15
Sub: A	WI		54.920	MANITOK		50.25000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	ENCANACORP	SHELL CANADA EN	27.597	SHELL CANADA EN		25.00000000	BASE VIKING_ZONE
	SHELL CANADA EN	VERMILION RES				24.75000000	
100.00000000	SHELL CANADA EN			Total Rental: 140.70			
			54.920	27.597	Undev:	0.000	0.000
	DEVELOPED						

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
M01178	PNG	FH	40.540	C00843	B	WI	TWP 26 RGE 5 W5M PTN SW 15
Sub: B	WI	Exp: Sep 30, 1955	40.540	MANITOK		50.250000000	ALL PETROLEUM FROM TOP SURFACE
ACTIVE	ENCANACORP	Ext: HBP	20.371	SHELL CANADA EN		25.000000000	TO BASE VIKING_ZONE
	SHELL CANADA EN			VERMILION RES		24.750000000	
100.000000000	SHELL CANADA EN						
		Total Rental:		101.13			
			Hectares	Net	Hectares	Net	
	DEVELOPED	Dev:	40.540	20.371	0.000	0.000	
				Undev:			
M01139	PNG	CR	19.404	MANITOK		WI	TWP 26 RGE 5 W5M PTN S 17, NE 17
Sub: A	WI	Exp: Mar 03, 1998	19.404	MANITOK		100.000000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	0693030179	Ext: 15	19.404				BASE VIKING_ZONE
	MANITOK			Total Rental:		67.91	
100.000000000	MANITOK						
		Total Rental:		19.404	19.404	0.000	
			Hectares	Net	Hectares	Net	
	DEVELOPED	Dev:	19.404	19.404	0.000	0.000	
				Undev:			
M01140	NG	FH	200.176	MANITOK		WI	TWP 26 RGE 5 W5M PTN SEC 17
Sub: A	WI	Exp: Mar 11, 1993	200.176	MANITOK		100.000000000	ALL NG FROM TOP SURFACE TO BASE
ACTIVE	AB55-18,482	Ext: HBP	200.176				VIKING_ZONE
	MANITOK			Total Rental:		1000.88	
100.000000000	MANITOK						
		Total Rental:		200.176	200.176	0.000	
			Hectares	Net	Hectares	Net	
	DEVELOPED	Dev:	200.176	200.176	0.000	0.000	
				Undev:			
M01278	NG	FH	42.000			ACQ WI	TWP 26 RGE 5 W5M PTN SE 17

REPORTED IN HECTARES

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
(cont'd)							
M01278	WI		42.000	MANITOK		100.000000000	ALL NG
Sub: A	FORSEVEN INC.	Exp: Nov 01, 2019	42.000				
ACTIVE	MANITOK	Total Rental: 91.00					
100.000000000	MANITOK						
<hr/>							
M01172	PNG	FH	112.000	C00843	C Yes	WI	TWP 26 RGE 5 W5M SE21, LSD 3, LSD 6, LSD 11 SEC 21
Sub: A	WI	Eff: Oct 01, 1944	112.000	MANITOK		75.000000000	ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE
ACTIVE	P. BURNS RES	Exp: Sep 30, 1965	84.000	SHELL CANADA EN		25.000000000	
	MANITOK	Ext: HBP					
100.000000000	SHELL CANADA EN	Total Rental: 280.00					
<hr/>							
M01173	PNG	FH	80.000	C00843	C Yes	WI	TWP 26 RGE 5 W5M LSD 4, LSD 5, LSD 12, LSD 13, LSD 14 SEC 21
Sub: A	WI	Eff: Apr 15, 1954	80.000	MANITOK		75.000000000	ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE
ACTIVE	P. BURNS RES	Exp: Apr 14, 2005	60.000	SHELL CANADA EN		25.000000000	
	MANITOK	Ext: HBP					
100.000000000	SHELL CANADA EN	Total Rental: 200.00					
<hr/>							
M01174	PNG	FH	32.000	C00843	C Yes	WI	TWP 26 RGE 5 W5M LSD 9, LSD 10
		Eff: Jun 21, 1944					

MANITOK ENERGY. INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int			Gross				
(cont'd)							
M01174	WI		32.000	MANITOK		75.00000000	SEC 21
Sub: A	PADDON & KOETSIE	Exp: Jun 20, 1995	24.000	SHELL CANADA EN		25.00000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	SHELL CANADA EN	Ext: HBP					BASE VIKING_ZONE
100.00000000	SHELL CANADA EN			Total Rental: 80.00			
				Net	24.000	0.000	Net
				Undev:		0.000	0.000
M01171	PNG	FH	32.000	C00843	C	Yes	TWP 26 RGE 5 W5M LSD 15, LSD
Sub: A	WI	Exp: Dec 13, 1950	32.000	MANITOK		75.00000000	16, SEC 21
ACTIVE	PADDON & KOETSIE	Exp: Dec 12, 1960	24.000	SHELL CANADA EN		25.00000000	ALL PNG FROM TOP SURFACE TO
100.00000000	SHELL CANADA EN	Ext: HBP					BASE VIKING_ZONE
	SHELL CANADA EN			Total Rental: 80.00			
				Net	24.000	0.000	Net
				Undev:		0.000	0.000
M01162	PNG	CR	0.000	C00841	A	Yes	TWP 26 RGE 5 W5M SEC 22
Sub: C	WI	Exp: May 25, 1945	0.000	MANITOK		33.50000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	70998	Exp: May 24, 2044	0.000	SHELL CANADA EN		50.00000000	BASE VIKING_ZONE
100.00000000	MANITOK			VERMILION RES		16.50000000	
	SHELL CANADA EN			Total Rental: 0.00			
				Net	0.000	0.000	Net
				Undev:		0.000	0.000

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MANITOK ENERGY INC. Mineral Property Report

Province: ALBERTA
Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*		
Mineral Int			Gross					
M01163	PNG	CR	64.000	C00841	A	WI	TWP 26 RGE 5 W5M SW 22	
Sub: A	WI		0.000	MANITOK		33.50000000	ALL PNG FROM TOP SURFACE TO	
ACTIVE	116778		0.000	SHELL CANADA EN		50.00000000	BASE VIKING_ZONE	
	MANITOK			VERMILION RES		16.50000000	EXCL NG IN VIKING_ZONE	
100.00000000	SHELL CANADA EN	Count Acreage = No	Total Rental: 0.00					
<hr/>								
M01163	PNG	CR	64.000	C00841	A	WI	TWP 26 RGE 5 W5M SW 22	
Sub: B	WI		64.000	MANITOK		33.50000000	ALL NG IN VIKING_ZONE	
ACTIVE	116778		21.440	SHELL CANADA EN		50.00000000		
	MANITOK			VERMILION RES		16.50000000		
100.00000000	SHELL CANADA EN		Total Rental: 224.00					
<hr/>								
M01138	LICENCE	CR	176.000	C00841	A	WI	TWP 26 RGE 5 W5M LSD 1, LSD 7,	
Sub: B	WI		176.000	MANITOK		33.50000000	LSD 8, SEC 22, N 22	
ACTIVE	5598090069		58.960	SHELL CANADA EN		50.00000000	ALL PNG FROM TOP SURFACE TO	
	MANITOK			VERMILION RES		16.50000000	BASE VIKING_ZONE	
100.00000000	SHELL CANADA EN		Total Rental: 616.00					
			Net	Net		Net		
			Hectares	Hectares		Hectares		
			Dev:	Dev:		Dev:		
			0.000	0.000		0.000		
			21.440	21.440		21.440		
			0.000	0.000		0.000		
			176.000	176.000		176.000		
			58.960	58.960		58.960		
			176.000	176.000		176.000		
			Net	Net		Net		
			Hectares	Hectares		Hectares		
			Dev:	Dev:		Dev:		
			0.000	0.000		0.000		
			58.960	58.960		58.960		
			0.000	0.000		0.000		
			616.000	616.000		616.000		

REPORTED IN HECTARES

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Eff	Exp	Ext	Net	Doi Partner(s)
Mineral Int	Operator / Payor	Status	Hectares	Dev	Net	Undev	Net
M01164	PNG	CR	Mar 01, 1964	Yes	C00841	WI	TWP 26 RGE 5 W5M LSD 2 SEC 22
Sub: A	WI	MANITOK	Feb 28, 1965	MANITOK	33.50000000	WI	ALL PNG FROM TOP SURFACE TO
ACTIVE	2755	MANITOK	HBP	SHELL CANADA EN	50.00000000	WI	BASE VIKING_ZONE
	MANITOK	DEVELOPED	5.360	VERMILION RES	16.50000000		
100.00000000	SHELL CANADA EN	DEVELOPED	16.000	5.360	56.00	0.000	0.000
				Net			
				Undev			
				Total Rental:	56.00		
M01142	PNG	FH	Dec 15, 1998	Yes	C00839	WI	TWP 26 RGE 5 W5M SEC 23
Sub: A	WI	MANITOK	Dec 14, 1999	MANITOK	67.00000000	WI	ALL PNG
ACTIVE	MCDougall, Elsie	MANITOK	HBP	VERMILION RES	33.00000000	WI	
	MANITOK	DEVELOPED	14.449	VERMILION RES	33.00000000		
8.33400000	MANITOK	DEVELOPED	258.000	14.449	54.00	0.000	0.000
				Net			
				Undev			
				Total Rental:	54.00		
M01143	PNG	FH	Dec 16, 1998	Yes	C00839	WI	TWP 26 RGE 5 W5M SEC 23
Sub: A	WI	MANITOK	Dec 15, 1999	MANITOK	67.00000000	WI	ALL PNG
ACTIVE	920776 ALBERTA LT	MANITOK	HBP	VERMILION RES	33.00000000	WI	
	MANITOK	DEVELOPED	28.899	VERMILION RES	33.00000000		
16.66700000	MANITOK	DEVELOPED	258.800	28.899	107.00	0.000	0.000
				Net			
				Undev			
				Total Rental:	107.00		
M01144	PNG	FH	Dec 10, 1998	Yes	C00839	WI	TWP 26 RGE 5 W5M SEC 23
				A			

REPORTED IN HECTARES

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	*	*	
Mineral Int	Operator / Payor	Operator / Payor	Net	Doi Partner(s)	*	*	
(cont'd)							
M01144	WI	MANITOK	42.666	MANITOK	67.00000000	ALL PNG	
Sub: A	Exp: Dec 09, 1999	Exp: Dec 09, 1999	42.666	MANITOK	67.00000000	ALL PNG	
ACTIVE	COSTELLO MINERAL	Ext: HBP	28.586	VERMILION RES	33.00000000		
	MANITOK						
16.66700000	MANITOK		Total Rental:	107.00			
(cont'd)							
M01145	PNG	FH	258.800	C00839	A	Yes	WI
Sub: A	Exp: Dec 09, 1999	Exp: Dec 09, 1999	43.133	MANITOK	67.00000000	ALL PNG	
ACTIVE	COPITHORNE, THOM	Ext: HBP	28.899	VERMILION RES	33.00000000		
	MANITOK						
16.66700000	MANITOK		Total Rental:	107.00			
(cont'd)							
M01146	PNG	FH	258.800	C00839	A	Yes	WI
Sub: A	Exp: Feb 20, 1999	Exp: Feb 19, 2000	42.668	MANITOK	67.00000000	ALL PNG	
ACTIVE	MCDougall, Doris	Ext: HBP	28.588	VERMILION RES	33.00000000		
	MANITOK						
16.66600000	MANITOK		Total Rental:	107.00			
(cont'd)							
M01147	PNG	FH	258.000	C00839	A	Yes	WI
Sub: A	Exp: Apr 12, 1999	Exp: Apr 12, 1999	258.000	C00839	A	Yes	WI
ACTIVE	MANITOK						
16.66600000	MANITOK		Total Rental:	107.00			

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**MANITOK ENERGY, INC.
 Mineral Property Report**

Province: ALBERTA
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OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01147	WI		21.566	MANITOK	67.00000000		ALL PNG
Sub: A	Exp: Apr 11, 2000	Ext: HBP	14.449	VERMILION RES	33.00000000		
ACTIVE	MANITOK		Total Rental: 54.00				
8.33300000	MANITOK		21.566	Net 14.449	Undev: 0.000	0.000	0.000
DEVELOPED							
M01294	PNG	FH	32.350	MANITOK	100.00000000	ACQ WI	TWP 26 RGE 5 W5M NE 27
Sub: A	Exp: Dec 14, 2016	Exp: Dec 13, 2019	32.350	MANITOK	80.00		ALL PNG
ACTIVE	APOSTOLIC		32.350	Total Rental: 80.00			
50.00000000	MANITOK		32.350	Net 32.350	Undev: 0.000	0.000	0.000
DEVELOPED							
M01295	PNG	FH	32.350	MANITOK	100.00000000	ACQ WI	TWP 26 RGE 5 W5M NE 27
Sub: A	Exp: Jan 04, 2017	Exp: Jan 03, 2020	32.350	MANITOK	80.00		ALL PNG
ACTIVE	CATHOLIC		32.350	Total Rental: 80.00			(EXCL COAL)
50.00000000	MANITOK		32.350	Net 32.350	Undev: 0.000	0.000	0.000
DEVELOPED							
M01148	PNG	CR	256.000	C00840	B	WI	TWP 26 RGE 5 W5M SEC 28
	Exp: Jun 18, 1973				Yes		

MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
Area : WILDCAT HILLS

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File Number	Lse Type	Lessor Type	File Status	Int Type / Lse No/Name	Operator / Payor	Exp: Jun 17, 1983	Ext: 15	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	Gross		Net		Doi Partner(s)	*	*	
													Hectares	Net	Hectares	Net				
M01148	WI		ACTIVE	31806	MANITOK	Exp: Jun 17, 1983	Ext: 15	256.000			MANITOK	ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE (EXCL 100/07-28-026-05W5/00 PENALTY WELL)	67.00000000	33.00000000	171.520	896.00				
								Total Rental:						0.000	0.000					
M01148	CR		ACTIVE	31806	MANITOK	Exp: Jun 17, 1983	Ext: 15	0.000			MANITOK	TWP 26 RGE 5 W5M SEC 28 (100/07-28-026-05W5/00 PENALTY WELL)	100.00000000		0.000	0.000				
								Total Rental:						0.000	0.000					
M01165	WI		ACTIVE	31807	MANITOK	Exp: Jun 17, 1983	Ext: 15	256.000			MANITOK	TWP 26 RGE 5 W5M SEC 29 ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE	67.00000000	33.00000000	171.520	896.00				
								Total Rental:						0.000	0.000					
M01166	NG	FH				Exp: Nov 19, 1991		253.108			C00841	TWP 26 RGE 5 W5M SEC 33								

MANITOK ENERGY . INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Gross	Net	Doi Partner(s)	*	*
Mineral Int			Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01166	WI	Exp: Nov 18, 1993	253.108	MANITOK		33.50000000	ALL NG FROM TOP SURFACE TO BASE VIKING_ZONE
Sub: A	SHELL CANADA	Ext: HBP	84.791	SHELL CANADA EN		50.00000000	(EXCEPTING THEREOUT THE ROADWAY ALLOWANCE AS SHOWN ON PLAN 2477K CONTAINING SW 2.06 ACRES AND NW 5.17 ACRES)
ACTIVE	MANITOK			VERMILION RES		16.50000000	
100.00000000	SHELL CANADA EN			Total Rental: 0.00			
				Net	Undev:	Hectares	Net
				84.791	0.00	0.000	0.000
M01176	NGL	Eff: Oct 21, 2000	2.892	C00841 B	Yes	WI	TWP 26 RGE 5 W5M W 33
Sub: A	WI	Exp: Oct 20, 2001	2.892	MANITOK		33.50000000	ALL NG FROM TOP SURFACE TO BASE VIKING_ZONE
ACTIVE	ENCANACORP	Ext: HBP	0.969	SHELL CANADA EN		50.00000000	
100.00000000	MANITOK			VERMILION RES		16.50000000	
	SHELL CANADA EN			Total Rental: 36.15			
				Net	Undev:	Hectares	Net
				0.969	0.000	0.000	0.000
M01149	PNG	CR	Eff: Nov 10, 1997	256.000	C00839 C	Yes	WI
Sub: A	WI	Exp: Oct 29, 2002	256.000	MANITOK		67.00000000	TWP 26 RGE 5 W5M SEC 34
ACTIVE	0697100793	Ext: 15	171.520	VERMILION RES		33.00000000	ALL PNG FROM TOP SURFACE TO BASE VIKING_ZONE
100.00000000	MANITOK			Total Rental: 896.00			
	MANITOK			Net	Undev:	Hectares	Net
				171.520	896.00	0.000	0.000

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MANITOK ENERGY. INC.
Mineral Property Report

Province: ALBERTA
Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Eff:	Exp:	Oper. Cont.	ROFR	DOI Code	Exposure		Lease Description / Rights Held	
								Gross	Net		
								Doi Partner(s)	*	*	
M01279	PNG	FH	Dec 28, 2016	21.338						TWP 27 RGE 5 W5M NW 3	
Sub: A	WI		Dec 27, 2018	21.338	MANITOK		ACQ WI	100.00000000		ALL M&M	
ACTIVE	COMPUTERSHARE			21.338						EXCL COAL	
33.34000000	MANITOK				Total Rental: 53.50						
	MANITOK										
								Hectares	Net	Hectares	Net
								21.338	21.338	0.000	0.000
								Dev:	Undev:		
M01280	PNG	FH	Nov 02, 2016	21.331						TWP 27 RGE 5 W5M W 3	
Sub: A	WI		Nov 01, 2019	21.331	MANITOK		ACQ WI	100.00000000		ALL PNG	
ACTIVE	812758			21.331						(EXCL COAL)	
33.33000000	MANITOK				Total Rental: 107.00						
	MANITOK										
								Hectares	Net	Hectares	Net
								21.331	21.331	0.000	0.000
								Dev:	Undev:		
M01281	PNG	FH	Nov 07, 2016	21.331						TWP 27 RGE 5 W5M W 3	
Sub: A	WI		Nov 06, 2019	21.331	MANITOK		ACQ WI	100.00000000		ALL M&M	
ACTIVE	845474			21.331						EXCL COAL	
33.33000000	MANITOK				Total Rental: 107.00						
	MANITOK										
								Hectares	Net	Hectares	Net
								21.331	21.331	0.000	0.000
								Dev:	Undev:		
M01282	PNG	FH	Nov 07, 2016	66.084						TWP 27 RGE 5 W5M SE 3	
Sub: A	WI		Nov 06, 2019	66.084	MANITOK		ACQ WI	100.00000000		ALL M&M	

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**MANITOK ENERGY, INC.
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Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
(cont'd)							
M01282	OTTO, M.		66.084				EXCL COAL
Sub: A	MANITOK			Total Rental: 160.00			
ACTIVE	MANITOK						
100.00000000	MANITOK						
		Status	Hectares	Net	Undev:	Hectares	Net
		DEVELOPED	66.084	66.084		0.000	0.000
M01283	PNG	FH	64.000			ACQ WI	TWP 27 RGE 5 W5M NE 3
Sub: A	WI		64.000	MANITOK		100.00000000	ALL M&M
ACTIVE	KERFOOT, A.C.		64.000				EXCL COAL
100.00000000	MANITOK			Total Rental: 160.00			
	MANITOK						
		Status	Hectares	Net	Undev:	Hectares	Net
		DEVELOPED	64.000	64.000		0.000	0.000
M01296	PNG	FH	22.004			WI	TWP 27 RGE 5 W5M SW 3
Sub: A	WI		22.004	MANITOK		100.00000000	ALL PNG
ACTIVE	COMPUTERSHARE		22.004				(EXCL COAL)
33.34000000	MANITOK			Total Rental: 53.50			
	MANITOK						
		Status	Hectares	Net	Undev:	Hectares	Net
		DEVELOPED	22.004	22.004		0.000	0.000
M01155	PNG	CR	256.000	C00839	D	WI	TWP 27 RGE 5 W5M SEC 4
				Yes			
		Status	Hectares	Net	Undev:	Hectares	Net

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**MANITOK ENERGY. INC.
 Mineral Property Report**

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name	Operator / Payor	Net	Doi Partner(s)	Gross	*	*
Mineral Int	Status	Dev:	Hectares	Net	Undev:	Hectares	Net
(cont'd)							
M01155	WI	Exp: Nov 09, 2002	256.000	MANITOK	67.00000000	67.00000000	ALL PNG FROM TOP SURFACE TO BASE MANNVILLE
Sub: A	0697100794	Ext: 15	171.520	VERMILION RES	33.00000000	33.00000000	
MANITOK							
100.00000000	MANITOK	Total Rental: 896.00					
(cont'd)							
M01158	NG	Exp: Mar 27, 1999	194.250	C00839 E	Yes	WI	TWP 27 RGE 5 W5M N 9, SE 9
Sub: A	WI	Exp: Mar 26, 2000	194.250	MANITOK	67.00000000	67.00000000	ALL NG FROM TOP SURFACE TO BASE VIKING_ZONE
ACTIVE	AB55-21745	Ext: HBP	130.148	VERMILION RES	33.00000000	33.00000000	
MANITOK							
100.00000000	MANITOK	Total Rental: 2400.00					
(cont'd)							
M01284	NG	Exp: Dec 28, 2016	21.571	C00839 F	Yes	WI	TWP 27 RGE 5 W5M SW 9
Sub: A	WI	Exp: Dec 27, 2018	21.571	MANITOK	67.00000000	67.00000000	ALL NG
ACTIVE	COMPUTERSHARE		14.453	VERMILION RES	33.00000000	33.00000000	
MANITOK							
33.34000000	MANITOK	Total Rental: 53.00					
(cont'd)							
M01285	NG	Exp: Nov 02, 2016	21.565	C00839 F	Yes	WI	TWP 27 RGE 5 W5M SW 9
Sub: A	WI	Exp: Nov 02, 2016	21.565	MANITOK	67.00000000	67.00000000	
ACTIVE	COMPUTERSHARE		14.453	VERMILION RES	33.00000000	33.00000000	
MANITOK							
33.34000000	MANITOK	Total Rental: 53.00					

MANITOK ENERGY, INC.
Mineral Property Report

REPORTED IN HECTARES

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
File Status	Int Type / Lse No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	
(cont'd)							
M01285	WI		21.565	MANITOK		67.00000000	ALL NG
Sub: A	812758	Exp: Nov 01, 2019	14.449	VERMILION RES		33.00000000	
ACTIVE	MANITOK						
33.33000000	MANITOK	Total Rental: 53.00					
			Hectares	Net	Hectares	Net	
		Dev:	21.565	14.449	0.000	0.000	
				Undev:			
M01286	NG	FH	21.565	C00839	F	WI	TWP 27 RGE 5 W5M SW 9
Sub: A	845474	Exp: Nov 07, 2016	21.565	MANITOK		67.00000000	ALL NG
ACTIVE	MANITOK	Exp: Nov 06, 2019	14.449	VERMILION RES		33.00000000	
33.33000000	MANITOK	Total Rental: 54.00					
			Hectares	Net	Hectares	Net	
		Dev:	21.565	14.449	0.000	0.000	
				Undev:			
M01160	PNG	CR	64.000	C00839	D	WI	TWP 27 RGE 5 W5M SE 21
Sub: A	0699030544	Exp: Mar 17, 2004	64.000	MANITOK		67.00000000	ALL PNG FROM TOP SURFACE TO
ACTIVE	MANITOK	Ext: 15	42.880	VERMILION RES		33.00000000	BASE MANNVILLE
100.00000000	MANITOK	Total Rental: 224.00					
			Hectares	Net	Hectares	Net	
		Dev:	64.000	42.880	0.000	0.000	
				Undev:			
M01161	NG	FH	194.250	C00839	E	WI	TWP 27 RGE 5 W5M N 21, SW 21

MANITOK ENERGY, INC.
Mineral Property Report

Province: ALBERTA
Area : WILDCAT HILLS

REPORTED IN HECTARES

OTHER AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Exposure Gross	Oper.Cont. Net	ROFR Doi Partner(s)	DOI Code	Lease Description / Rights Held	Status	Dev:	Eff:	Exp:	Ext:	Hectares	Net	Undev:	Hectares	Net	Undev:	Hectares	Net		
																					Hectares	Net
M01161	WI PRAIRIESKY MANITOK		194.250 130.148	194.250 130.148	MANITOK VERMILION RES	67.00000000 33.00000000	ALL NG FROM TOP SURFACE TO BASE VIKING_ZONE	DEVELOPED		Apr 02, 1992	Jul 13, 2000		194.250	130.148		0.000	0.000		0.000	0.000		
Total Rental: 2400.00																						
M01120	PNG WI 0692040390 MANITOK	CR	256.000 256.000 171.520	256.000 256.000 171.520	C00839 MANITOK VERMILION RES	WI 67.00000000 33.00000000	TWP 27 RGE 5 W5M SEC 36 ALL PNG FROM TOP SURFACE TO BASE CARDIUM	DEVELOPED		Apr 01, 1997			256.000	171.520		0.000	0.000		0.000	0.000		
Total Rental: 896.00																						

(cont'd)

REPORTED IN HECTARES

MANITOK ENERGY . INC.
Mineral Property Report

Province: ALBERTA
 Area : WILDCAT HILLS

OTHER AREA ASSETS (NOV 27, 2018)

File Number File Status Mineral Int	Lse Type Int Type / Lse No/Name Operator / Payor	Lessor Type	Exposure Gross	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held	
							Net	Doi Partner(s)
Area Total:	Total Gross: Dev Gross:	3,814.955 3,814.955	Total Net: Dev Net:	2,468.802 2,468.802	Undev Gross : Undev Net :	0.000 0.000	Undev Net :	0.000
Province Total:	Total Gross: Dev Gross:	33,080.255 7,575.355	Total Net: Dev Net:	18,595.915 4,459.339	Undev Gross : Undev Net :	25,504.900 14,136.576	Undev Net :	14,136.576
Report Total:	Total Gross: Dev Gross:	33,080.255 7,575.355	Total Net: Dev Net:	18,595.915 4,459.339	Undev Gross : Undev Net :	25,504.900 14,136.576	Undev Net :	14,136.576

** End of Report **

THE FOLLOWING COMPRISES SCHEDULE "B" ATTACHED TO AND FORMING PART OF A PURCHASE AND SALE AGREEMENT DATED THE 23RD DAY OF NOVEMBER, 2018 BETWEEN ALVAREZ & MARSAL CANADA INC., solely in its capacity as receiver and manager of MANITOK ENERGY INC., and not in its personal or corporate capacity, and TANTALUS ENERGY CORP.

A. Wells

See the attached.

Base Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing
CARSELAND	0055620	100/07-10-022-25W4/00	MNK ENTICE 7-10-22-25	07-10-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	VKNG
CARSELAND	0056600	100/10-11-022-25W4/00	MNK HERRON 10-11-22-25	10-11-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND	0278778	100/13-11-022-25W4/00	MNK HERRON 13-11-22-25	14-11-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0191483	100/14-11-022-25W4/00	MNK HERRON 14-11-22-25	14-11-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0191483	100/14-11-022-25W4/02	MNK HERRON 14-11-22-25	14-11-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0191483	100/14-11-022-25W4/03	MNK HERRON 14-11-22-25	14-11-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BBRV
CARSELAND	0440119	100/01-15-022-25W4/00	MNK HERRON 1-15-22-25	13-11-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0481748	100/09-15-022-25W4/00	MNK ENTICE 9-15-22-25	14-16-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0442219	100/11-15-022-25W4/00	MNK ENTICE 11-15-22-25	08-16-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0171353	100/13-16-022-25W4/00	MNK ENTICE 13-16-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0171353	100/13-16-022-25W4/02	MNK ENTICE 13-16-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0171353	100/13-16-022-25W4/03	MNK ENTICE 13-16-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BBRV
CARSELAND	0171353	100/13-16-022-25W4/04	MNK ENTICE 13-16-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND	0171353	100/13-16-022-25W4/05	MNK ENTICE 13-16-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	HSCN
CARSELAND	0171353	100/13-16-022-25W4/06	MNK ENTICE 13-16-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0422808	100/14-16-022-25W4/00	MNK ENTICE 14-16-22-25	14-16-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BBRV
CARSELAND	0422808	100/14-16-022-25W4/02	MNK ENTICE 14-16-22-25	14-16-022-25 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BBRV
CARSELAND	0422808	100/14-16-022-25W4/03	MNK ENTICE 14-16-22-25	14-16-022-25 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BBRV
CARSELAND	0161269	100/09-17-022-25W4/00	MNK ENTICE 9-17-22-25	09-17-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0481807	100/03-20-022-25W4/00	MNK ENTICE 3-20-22-25	14-16-022-25 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0025013	100/10-20-022-25W4/00	MNK ENTICE 10-20-22-25	10-20-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0068624	102/10-20-022-25W4/00	MNK ENTICE 10-20-22-25	10-20-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	VKNG
CARSELAND	0068624	102/10-20-022-25W4/02	MNK ENTICE 10-20-22-25	10-20-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	VKNG
CARSELAND	0467981	100/03-28-022-25W4/00	MNK ENTICE 3-28-22-25	04-33-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
CARSELAND	0470631	102/03-28-022-25W4/00	MNK ENTICE 3-28-22-25	04-33-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0486083	100/08-29-022-25W4/00	MNK ENTICE 8-29-22-25	14-16-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0437445	100/04-31-022-25W4/00	MNK ENTICE 4-31-22-25	01-36-022-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	MINVL
CARSELAND	0479197	100/02-32-022-25W4/00	MNK ENTICE 2-32-22-25	02-32-022-25 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0486148	100/13-32-022-25W4/00	MNK ENTICE 13-32-22-25	02-32-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0466980	100/15-32-022-25W4/00	MNK HZ ENTICE 15-32-22-25	02-32-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0469815	100/16-32-022-25W4/00	MNK ENTICE 16-32-22-25	02-32-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0480749	100/10-33-022-25W4/00	MNK ENTICE 10-33-22-25	07-03-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	UNDF
CARSELAND	0474210	100/13-33-022-25W4/00	MNK ENTICE 13-33-22-25	04-33-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CARSELAND	0470122	100/14-33-022-25W4/00	MNK ENTICE 14-33-22-25	04-33-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
CARSELAND	0479722	100/04-03-023-25W4/00	MNK ENTICE 4-3-23-25	04-33-022-25 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0479197	100/03-04-023-25W4/02	MNK ENTICE 3-4-23-25	02-32-022-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0480748	100/10-04-023-25W4/00	MNK ENTICE 10-4-23-25	07-03-023-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND	0486147	100/08-05-023-25W4/00	MNK ENTICE 8-5-23-25	07-03-023-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
CARSELAND	0468839	100/03-09-023-25W4/00	MNK ENTICE 3-9-23-25	03-16-023-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
CARSELAND	0471085	102/07-09-023-25W4/00	MNK ENTICE 7-9-23-25	03-16-023-25W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CARSELAND SHALLOW GAS	0421268	100/01-31-022-26W4/00	MNK ENTICE 1-31-22-26	05-32-022-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0394085	100/03-31-022-26W4/00	MNK ENTICE 3-31-22-26	16-25-022-27W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0394085	100/03-31-022-26W4/02	MNK ENTICE 3-31-22-26	16-25-022-27W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0394085	100/03-31-022-26W4/03	MNK ENTICE 3-31-22-26	16-25-022-27W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0277757	100/05-31-022-26W4/00	MNK ENTICE 5-31-22-26	05-31-022-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0277757	100/05-31-022-26W4/02	MNK ENTICE 5-31-22-26	05-31-022-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV

Base Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing
CARSELAND SHALLOW GAS	0423650	100/08-15-023-26W4/00	MNK ENTICE 8-15-23-26	06-15-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423650	100/08-15-023-26W4/02	MNK ENTICE 8-15-23-26	06-15-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0409205	100/11-15-023-26W4/00	MNK ENTICE 11-15-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423704	100/14-15-023-26W4/00	MNK ENTICE 14-15-23-26	06-15-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423704	100/14-15-023-26W4/02	MNK ENTICE 14-15-23-26	06-15-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423704	100/14-15-023-26W4/03	MNK ENTICE 14-15-23-26	06-15-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0238853	100/16-16-023-26W4/00	MNK ENTICE 16-16-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0238853	100/16-16-023-26W4/02	MNK ENTICE 16-16-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0376170	100/07-21-023-26W4/00	MNK ENTICE 7-21-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0376170	100/07-21-023-26W4/02	MNK ENTICE 7-21-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434680	100/02-22-023-26W4/00	MNK ENTICE 2-22-23-26	06-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434695	100/05-22-023-26W4/00	MNK ENTICE 5-22-23-26	06-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0409204	100/06-22-023-26W4/00	MNK ENTICE 6-22-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0409204	100/06-22-023-26W4/02	MNK ENTICE 6-22-23-26	16-16-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434678	100/07-22-023-26W4/00	MNK ENTICE 7-22-23-26	06-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434696	100/08-22-023-26W4/00	MNK ENTICE 8-22-23-26	06-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434681	100/13-22-023-26W4/00	MNK ENTICE 13-22-23-26	06-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0436311	100/14-22-023-26W4/00	MNK ENTICE 14-22-23-26	06-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0228331	100/16-22-023-26W4/00	MNK ENTICE 16-22-23-26	16-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0228331	100/16-22-023-26W4/02	MNK ENTICE 16-22-23-26	16-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0228331	100/16-22-023-26W4/03	MNK ENTICE 16-22-23-26	16-22-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435193	102/16-22-023-26W4/00	MNK 102 ENTICE 16-22-23-26	13-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434682	100/02-23-023-26W4/00	MNK ENTICE 2-23-23-26	06-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434683	100/09-23-023-26W4/00	MNK ENTICE 9-23-23-26	06-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435511	100/10-23-023-26W4/00	MNK ENTICE 10-23-23-26	13-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435184	100/11-23-023-26W4/00	MNK ENTICE 11-23-23-26	13-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434684	100/12-23-023-26W4/00	MNK ENTICE 12-23-23-26	06-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434685	100/15-23-023-26W4/00	MNK ENTICE 15-23-23-26	06-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434284	100/03-24-023-26W4/00	MNK ENTICE 3-24-23-26	06-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434285	100/05-24-023-26W4/00	MNK ENTICE 5-24-23-26	06-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434286	100/08-24-023-26W4/00	MNK ENTICE 8-24-23-26	06-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0436364	100/09-24-023-26W4/00	MNK ENTICE 9-24-23-26	16-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435999	100/11-24-023-26W4/00	MNK ENTICE 11-24-23-26	13-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0434287	100/15-24-023-26W4/00	MNK ENTICE 15-24-23-26	06-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0436361	100/01-25-023-26W4/00	MNK ENTICE 1-25-23-26	16-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435998	100/04-25-023-26W4/00	MNK ENTICE 4-25-23-26	13-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435192	100/03-26-023-26W4/00	MNK ENTICE 3-26-23-26	13-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435183	100/06-26-023-26W4/00	MNK ENTICE 6-26-23-26	13-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0436001	100/07-26-023-26W4/00	MNK ENTICE 7-26-23-26	13-24-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0271811	100/15-26-023-26W4/00	MNK ENTICE 15-26-23-26	15-26-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435982	100/16-26-023-26W4/00	MNK ENTICE 16-26-23-26	13-25-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0435185	100/02-27-023-26W4/00	MNK ENTICE 2-27-23-26	13-23-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0419776	100/04-27-023-26W4/00	MNK ENTICE 4-27-23-26	10-27-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0419776	100/04-27-023-26W4/02	MNK ENTICE 4-27-23-26	10-27-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0353602	102/10-27-023-26W4/00	MNK 102 ENTICE 10-27-23-26	09-27-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0392545	100/11-27-023-26W4/00	MNK ENTICE 11-27-23-26	09-28-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV

Base Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing
CARSELAND SHALLOW GAS	0419770	100/14-27-023-26W4/00	MNK ENTICE 14-27-23-26	10-27-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0419770	100/14-27-023-26W4/02	MNK ENTICE 14-27-23-26	10-27-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0420821	100/04-34-023-26W4/00	MNK ENTICE 4-34-23-26	04-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0420821	100/04-34-023-26W4/02	MNK ENTICE 4-34-23-26	04-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0354374	100/06-34-023-26W4/00	MNK ENTICE 6-34-23-26	06-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0354374	100/06-34-023-26W4/02	MNK ENTICE 6-34-23-26	06-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0354374	100/06-34-023-26W4/03	MNK ENTICE 6-34-23-26	06-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423634	100/08-34-023-26W4/00	MNK ENTICE 8-34-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0354420	100/11-34-023-26W4/00	MNK ENTICE 11-34-23-26	11-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0354420	100/11-34-023-26W4/02	MNK ENTICE 11-34-23-26	11-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0422099	100/12-34-023-26W4/00	MNK ENTICE 12-34-23-26	12-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423978	100/15-34-023-26W4/00	MNK ENTICE 15-34-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423978	100/15-34-023-26W4/02	MNK ENTICE 15-34-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423978	100/15-34-023-26W4/03	MNK ENTICE 15-34-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423981	100/04-35-023-26W4/00	MNK ENTICE 4-35-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423981	100/04-35-023-26W4/02	MNK ENTICE 4-35-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0423981	100/04-35-023-26W4/03	MNK ENTICE 4-35-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0287119	100/07-35-023-26W4/00	MNK ENTICE 7-35-23-26	05-36-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0287119	100/07-35-023-26W4/02	MNK ENTICE 7-35-23-26	05-36-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0439778	100/09-35-023-26W4/00	MNK ENTICE 9-35-23-26	05-36-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0424575	100/11-35-023-26W4/00	MNK ENTICE 11-35-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CARSELAND SHALLOW GAS	0424575	100/11-35-023-26W4/02	MNK ENTICE 11-35-23-26	09-34-023-26W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	BLRV
CORDEL/STOLBERG	0481297	100/09-21-041-14W5/00	MNK STOLBERG 9-21-41-14	01-28-041-14W5	Manitok Energy Inc.	45.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0446840	100/09-01-042-15W5/00	MEI STOLBERG 9-1-42-15	15-01-042-15W5	Manitok Energy Inc.	91.600000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0446840	100/09-01-042-15W5/02	MEI STOLBERG 9-1-42-15	15-01-042-15W5	Manitok Energy Inc.	91.600000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0462254	103/16-01-042-15W5/03	MNK STOLBERG 16-1-42-15	15-01-042-15W5	Manitok Energy Inc.	45.800000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0426308	102/02-11-042-15W5/00	MEI 102 STOLBERG 2-11-42-15	15-02-042-15W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0426308	102/02-11-042-15W5/02	MEI 102 STOLBERG 2-11-42-15	15-02-042-15W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	OCZD
CORDEL/STOLBERG	0457975	100/07-11-042-15W5/00	MNK STOLBERG 7-11-42-15	09-11-042-15W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0457975	100/07-11-042-15W5/02	MNK STOLBERG 7-11-42-15	09-11-042-15W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
CORDEL/STOLBERG	0462618	100/08-11-042-15W5/00	MNK STOLBERG 8-11-42-15	09-11-042-15W5	Manitok Energy Inc.	75.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0458618	102/10-11-042-15W5/00	MNK STOLBERG 10-11-42-15	09-11-042-15W5	Manitok Energy Inc.	75.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0465968	100/11-11-042-15W5/00	MNK STOLBERG 11-11-42-15	15-02-042-15W5	Manitok Energy Inc.	82.000000	Manitok Energy Inc.	MNVL
CORDEL/STOLBERG	0447585	100/15-11-042-15W5/02	MEI STOLBERG 15-11-42-15	09-11-042-15W5	Manitok Energy Inc.	75.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0447585	100/15-11-042-15W5/03	MEI STOLBERG 15-11-42-15	09-11-042-15W5	Manitok Energy Inc.	75.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0437516	100/03-12-042-15W5/00	MEI STOLBERG 3-12-42-15	15-01-042-15W5	Manitok Energy Inc.	93.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0437516	100/03-12-042-15W5/02	MEI STOLBERG 3-12-42-15	15-01-042-15W5	Manitok Energy Inc.	93.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0444594	103/03-12-042-15W5/00	MEI HZ STOLBERG 3-12-42-15	15-01-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0444594	103/03-12-042-15W5/02	MEI HZ STOLBERG 3-12-42-15	15-01-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0444594	100/04-12-042-15W5/03	MEI HZ STOLBERG 4-12-42-15	15-01-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0464259	102/04-12-042-15W5/02	MNK STOLBERG 4-12-42-15	15-01-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0464259	102/04-12-042-15W5/03	MNK STOLBERG 4-12-42-15	15-01-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0452865	100/06-12-042-15W5/00	MNK STOLBERG 6-12-42-15	09-11-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0458617	102/06-12-042-15W5/00	MNK STOLBERG 6-12-42-15	15-01-042-15W5	Manitok Energy Inc.	86.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0458617	100/12-12-042-15W5/02	MNK STOLBERG 12-12-42-15	15-01-042-15W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0469122	100/04-14-042-15W5/02	MNK STOLBERG 4-14-42-15	10-11-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	CRDM

Base Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing
CORDEL/STOLBERG	0469187	100/05-14-042-15W5/00	MNK STOLBERG 5-14-42-15	10-11-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0469497	100/09-15-042-15W5/00	MNK STOLBERG 9-15-42-15	13-15-042-15 W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0464807	100/10-15-042-15W5/03	MNK STOLBERG 10-15-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0464808	102/12-15-042-15W5/00	MNK STOLBERG 12-15-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0464810	100/14-15-042-15W5/00	MNK STOLBERG 14-15-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0464809	100/16-16-042-15W5/00	MNK STOLBERG 16-16-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0440045	100/15-19-042-15W5/00	MEI STOLBERG 15-19-42-15	04-30-042-15W5	Manitok Energy Inc.	64.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0454754	100/01-21-042-15W5/00	MEI STOLBERG 1-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0456515	100/05-21-042-15W5/00	MNK STOLBERG 5-21-42-15	06-21-042-15W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0456515	100/05-21-042-15W5/02	MNK STOLBERG 5-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0453572	100/08-21-042-15W5/00	MEI STOLBERG 8-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0453572	100/08-21-042-15W5/02	MEI STOLBERG 8-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0464236	100/12-21-042-15W5/00	MNK STOLBERG 12-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0456256	100/13-21-042-15W5/02	MEI STOLBERG 13-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0470243	100/14-21-042-15W5/00	MNK STOLBERG 14-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0470243	100/14-21-042-15W5/02	MNK STOLBERG 14-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0470243	100/14-21-042-15W5/03	MNK STOLBERG 14-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0456256	100/15-21-042-15W5/00	MNK STOLBERG 15-21-42-15	06-21-042-15W5	Manitok Energy Inc.	66.666650	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0464810	100/04-22-042-15W5/02	MNK STOLBERG 4-22-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0464807	102/04-22-042-15W5/02	MNK STOLBERG 4-22-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0464807	100/06-22-042-15W5/00	MNK STOLBERG 6-22-42-15	13-15-042-15W5	Manitok Energy Inc.	30.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0440071	100/01-29-042-15W5/00	MEI STOLBERG 1-29-42-15	06-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0459624	102/02-29-042-15W5/00	MNK STOLBERG 2-29-42-15	03-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0457321	100/05-29-042-15W5/00	MNK STOLBERG 5-29-42-15	02-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0456955	102/05-29-042-15W5/00	MNK STOLBERG 5-29-42-15	03-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	N/A
CORDEL/STOLBERG	0437700	100/10-29-042-15W5/00	MEI STOLBERG 10-29-42-15	02-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0445540	100/12-29-042-15W5/00	MEI HZ STOLBERG 12-29-42-15	06-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0456955	102/12-29-042-15W5/02	MEI STOLBERG 12-29-42-15	03-29-042-15W5	Manitok Energy Inc.	79.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0448124	102/13-31-042-15W5/00	MEI CORDEL 13-31-42-15	08-31-042-15W5	Manitok Energy Inc.	65.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0220950	100/10-25-042-16W5/02	Canlin STOLBERG 15-25-42-16	14-25-042-16W5	Manitok Energy Inc.	25.000000	Canlin Enrg Corp	CRDM
CORDEL/STOLBERG	0456145	100/11-25-042-16W5/00	MEI CORDEL 11-25-42-16	14-25-042-16W5	Manitok Energy Inc.	25.000000	Manitok Energy Inc.	CRDM
CORDEL/STOLBERG	0220950	100/15-25-042-16W5/00	Canlin STOLBERG 15-25-42-16	14-25-042-16W5	Manitok Energy Inc.	25.000000	Canlin Enrg Corp	N/A
CORDEL/STOLBERG	0206594	100/09-35-042-16W5/00	IKM STOLBERG 9-35-42-16	05-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	CRDM
CORDEL/STOLBERG	0259390	100/14-35-042-16W5/00	IKM STOLBERG 14-35-42-16	11-35-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	CRDM
CORDEL/STOLBERG	0194353	100/05-36-042-16W5/00	IKM STOLBERG 5-36-42-16	05-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	N/A
CORDEL/STOLBERG	0194353	100/05-36-042-16W5/02	IKM STOLBERG 5-36-42-16	05-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	N/A
CORDEL/STOLBERG	0194353	100/05-36-042-16W5/03	IKM STOLBERG 5-36-42-16	05-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	CRDM
CORDEL/STOLBERG	0194353	100/05-36-042-16W5/04	IKM STOLBERG 5-36-42-16	05-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	N/A
CORDEL/STOLBERG	0240415	100/07-36-042-16W5/00	IKM STOLBERG 7-36-42-16	03-36-042-16W5	Manitok Energy Inc.	16.670000	Ikuma Rsrcs Corp	MINVL
CORDEL/STOLBERG	0240415	100/07-36-042-16W5/02	IKM STOLBERG 7-36-42-16	03-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	CRDM
CORDEL/STOLBERG	0203834	100/14-36-042-16W5/00	IKM STOLBERG 14-36-42-16	05-36-042-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	CRDM
CORDEL/STOLBERG	0216785	100/07-01-043-16W5/00	IKM STOLBERG 7-1-43-16	06-01-043-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	N/A
CORDEL/STOLBERG	0216785	100/07-01-043-16W5/02	IKM STOLBERG 7-1-43-16	06-01-043-16W5	Manitok Energy Inc.	12.500000	Ikuma Rsrcs Corp	CRDM
CORDEL/STOLBERG	0252520	100/07-02-043-16W5/00	IKM STOLBERG 7-2-43-16	02-02-043-16W5	Manitok Energy Inc.	3.563000	Ikuma Rsrcs Corp	CRDM
ROCKYFORD	0169842	100/05-16-023-23W4/00	MNK BLACKFT 5-16-23-23	16-17-023-23W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
ROCKYFORD	0458807	100/03-16-024-22W4/00	MNK HUSSAR 3-16-24-22	06-16-024-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC

Base Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing
ROCKYFORD	0479009	102/13-07-025-22W4/00	LONE PINE 102 HZ PARFLESH 13-7-25-22	04-17-025-22W4	Manitok Energy Inc.	50.000000	Prairie Provident Rsrsc C	GLCC
ROCKYFORD	0480400	100/16-10-025-22W4/00	LONE PINE HZ PARFLESH 16-10-25-22	13-10-025-22W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	GLCC
ROCKYFORD	0480399	102/04-16-025-22W4/00	LONE PINE 102 HZ PARFLESH 4-16-25-22	13-10-025-22W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	GP
ROCKYFORD	0480346	102/01-17-025-22W4/00	LONE PINE HZ 102 PARFLESH 1-17-25-22	04-17-025-22W4	Manitok Energy Inc.	50.000000	Prairie Provident Rsrsc C	GLCC
ROCKYFORD	0479862	100/01-21-025-22W4/00	LONE PINE HZ PARFLESH 1-21-25-22	02-28-025-22W4	Manitok Energy Inc.	5.000000	Prairie Provident Rsrsc C	ELRL
ROCKYFORD	0479861	103/04-21-025-22W4/00	LONE PINE HZ 103 PARFLESH 4-21-25-22	02-28-025-22W4	Manitok Energy Inc.	5.000000	Prairie Provident Rsrsc C	ELRL
ROCKYFORD	0478638	100/03-22-025-22W4/00	LONE PINE HZ PARFLESH 3-22-25-22	02-27-025-22W4	Manitok Energy Inc.	5.000000	Prairie Provident Rsrsc C	ELRL
ROCKYFORD	0478639	102/14-27-025-22W4/00	LONE PINE HZ PARFLESH 14-27-25-22	02-27-025-22W4	Manitok Energy Inc.	5.000000	Prairie Provident Rsrsc C	ELRL
ROCKYFORD	0479863	100/16-28-025-22W4/00	LONE PINE HZ PARFLESH 16-28-25-22	02-28-025-22W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	ELRL
ROCKYFORD	0476632	102/13-35-025-22W4/00	LONE PINE HZ ROCKYFRD 13-35-25-22	04-01-026-22W4	Manitok Energy Inc.	5.000000	Prairie Provident Rsrsc C	ELRL
WAYNE	0455059	102/16-21-027-21W4/00	MNK HZ 102 HUSSAR 16-21-27-21	06-28-027-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0479845	100/03-25-027-21W4/00	LONE PINE HZ HUSSAR 3-25-27-21	02-36-027-21W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	ELRL
WAYNE	0480053	100/02-26-027-21W4/00	LONE PINE HZ HUSSAR 2-26-27-21	02-35-027-21W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	ELRL
WAYNE	0487918	100/03-26-027-21W4/00	PPR HZ HUSSAR 3-26-27-21	02-35-027-21W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	N/A
WAYNE	0482327	100/04-26-027-21W4/00	PPR HZ HUSSAR 4-26-27-21	02-35-027-21W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	ELRL
WAYNE	0455060	102/12-33-027-21W4/00	MNK HZ 102 HUSSAR 12-33-27-21	06-28-027-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0412672	100/14-20-027-22W4/00	MNK HUSSAR 14-20-27-22	14-20-027-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0412672	100/14-20-027-22W4/02	MNK HUSSAR 14-20-27-22	14-20-027-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0423708	102/13-27-027-22W4/00	MNK 102 HUSSAR 13-27-27-22	11-27-027-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0446824	100/09-28-027-22W4/00	MNK HUSSAR 9-28-27-22	16-28-027-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0410893	100/12-30-027-22W4/00	MNK REDLAND 12-30-27-22	05-30-027-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0447033	102/13-35-027-22W4/00	MNK 102 WAYNE 13-35-27-22	14-35-027-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0447033	102/13-35-027-22W4/02	MNK 102 WAYNE 13-35-27-22	14-35-027-22 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	
WAYNE	0207045	100/12-35-027-23W4/00	MNK REDLAND 12-35-27-23	12-35-027-23W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0373741	100/13-01-028-20W4/00	MNK WAYNE 13-1-28-20	04-12-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0373741	100/13-01-028-20W4/02	MNK WAYNE 13-1-28-20	04-12-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WAYNE	0373741	100/13-01-028-20W4/03	MNK WAYNE 13-1-28-20	04-12-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WAYNE	0373741	100/13-01-028-20W4/04	MNK WAYNE 13-1-28-20	04-12-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WAYNE	0216811	102/12-07-028-20W4/00	MNK WAYNE 12-7-28-20	15-12-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0259947	1W0/13-07-028-20W4/00	MNK WAYNE 13-7-28-20	12-07-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WAYNE	0480480	102/01-03-028-21W4/00	LONE PINE 102 HZ WAYNE 1-3-28-21	01-10-028-21W4	Prairie Provident Rsrsc C	100.000000	Prairie Provident Rsrsc C	ELRL
WAYNE	0412293	100/08-03-028-21W4/00	MNK WAYNE 8-3-28-21	08-03-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0458133	102/13-11-028-21W4/00	MNK HZ 102 WAYNE 13-11-28-21	15-02-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0458378	103/16-11-028-21W4/00	MNK HZ 103 WAYNE 16-11-28-21	15-02-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0294971	100/10-12-028-21W4/00	MNK WAYNE 10-12-28-21	11-12-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WAYNE	0294971	100/10-12-028-21W4/02	MNK WAYNE 10-12-28-21	11-12-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0180726	100/16-12-028-21W4/00	MNK WAYNE 16-12-28-21	05-18-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0295543	102/05-13-028-21W4/00	MNK WAYNE 5-13-28-21	05-13-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0206266	102/06-13-028-21W4/00	MNK 02 WAYNE 6-13-28-21	14-12-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0207053	100/07-13-028-21W4/00	MNK WAYNE 7-13-28-21	16-12-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0179667	102/10-13-028-21W4/00	MNK WAYNE 10-13-28-21	05-18-028-20W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0188835	100/08-14-028-21W4/00	MNK WAYNE 8-14-28-21	01-14-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0175991	103/09-14-028-21W4/02	MNK 103 WAYNE 10-14-28-21	14-14-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0175991	102/10-14-028-21W4/00	MNK 103 WAYNE 10-14-28-21	14-14-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0332409	100/02-20-028-21W4/00	MNK WAYNE 2-20-28-21	02-20-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	LDUC
WAYNE	0170241	100/08-20-028-21W4/00	MNK WAYNE 8-20-28-21	08-20-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	LDUC

Base Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing
WAYNE	0176261	100/03-23-028-21W4/00	MNK WAYNE 3-23-28-21	14-14-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0175095	102/07-23-028-21W4/00	MNK WAYNE 7-23-28-21	08-23-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0175094	100/09-23-028-21W4/00	MNK WAYNE 9-23-28-21	08-23-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0169811	100/12-24-028-21W4/00	MNK WAYNE 12-24-28-21	08-23-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	LDUC
WAYNE	0393646	100/04-27-028-21W4/00	MNK WAYNE 4-27-28-21	14-22-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0479817	102/02-30-028-21W4/00	MNK WAYNE 2-30-28-21	15-18-028-21 W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	
WAYNE	0479691	100/14-31-028-21W4/00		13-30-028-21W4	Manitok Energy Inc.	100.000000		N/A
WAYNE	0303307	100/09-33-028-21W4/00	MNK WAYNE 9-33-28-21	12-34-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0212335	100/11-34-028-21W4/00	MNK WAYNE 11-34-28-21	12-34-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0205175	100/12-34-028-21W4/00	MNK WAYNE 12-34-28-21	12-34-028-21W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	NSKU
WAYNE	0423894	100/13-01-028-22W4/00	MNK WAYNE 13-1-28-22	13-01-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL
WAYNE	0444065	102/13-01-028-22W4/00	MNK 102 WAYNE 13-1-28-22	04-12-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0411059	100/07-02-028-22W4/00	MNK WAYNE 7-2-28-22	07-02-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0421889	102/07-02-028-22W4/00	MNK 102 WAYNE 7-2-28-22	08-02-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0383098	100/09-02-028-22W4/00	MNK WAYNE 9-2-28-22	09-02-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0413918	100/12-12-028-22W4/00	MNK WAYNE 12-12-28-22	05-12-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WAYNE	0413918	100/12-12-028-22W4/02	MNK WAYNE 12-12-28-22	05-12-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0414779	100/07-16-028-22W4/00	MNK WAYNE 7-16-28-22	07-16-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	GLCC
WAYNE	0478798	102/13-22-028-22W4/00	LONE PINE 102 HZ WAYNE 13-22-28-22	13-15-028-22W4	Prairie Provident Rsracs C	100.000000	Prairie Provident Rsracs C	ELRL
WAYNE	0458957	100/07-25-028-22W4/00	MNK WAYNE 7-25-28-22	11-24-028-22W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ELRL

Other Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing Zone
ENCHANT	0236218	105/12-23-010-13W4/00	MNK BI 12-23-10-13	12-23-010-13W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	STTH
ENCHANT	0179516	102/13-23-010-13W4/00	MNK BI 13-23-10-13	13-23-010-13W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	STTH
ENCHANT	0201682	103/13-23-010-13W4/00	MNK BI 13-23-10-13	13-23-010-13W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	STTH
ENCHANT	0236217	104/13-23-010-13W4/00	MNK BI 13-23-10-13	13-23-010-13W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	STTH
ENCHANT	0201305	104/14-23-010-13W4/00	MNK BI 14-23-10-13	14-23-010-13W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	STTH
ENCHANT	0156740	100/15-23-010-13W4/00	MNK BI 15-23-10-13	15-23-010-13W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	STTH
ENCHANT	0169140	100/10-09-013-15W4/00	MNK ENCHANT 10-9-13-15	11-09-013-15W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ARCS
ENCHANT	0169140	100/10-09-013-15W4/02	MNK ENCHANT 10-9-13-15	11-09-013-15W4	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	ARCS
HARMON	0373117	100/01-29-083-19W5/02	MNK 9-29-83-19	09-29-083-19W5	Manitok Energy Inc.	50.000000	Manitok Energy Inc.	BLSK
HARMON	0373117	100/09-29-083-19W5/00	MNK 9-29-83-19	09-29-083-19W5	Manitok Energy Inc.	50.000000	Manitok Energy Inc.	N/A
HARMON	0102480	100/04-05-087-14W5/00	FET GOLDEN 4-5-87-14	04-05-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0039825	100/13-05-087-14W5/00	FET GOLDEN 13-5-87-14	13-05-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0147933	100/05-06-087-14W5/00	FET GOLDEN 5-6-87-14	05-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0083318	100/06-06-087-14W5/00	FET GOLDEN 6-6-87-14	06-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0147645	100/07-06-087-14W5/00	FET GOLDEN 7-6-87-14	07-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0154514	100/13-06-087-14W5/00	FET GOLDEN 13-6-87-14	13-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0040693	100/14-06-087-14W5/00	FET GOLDEN 14-6-87-14	14-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0040693	100/14-06-087-14W5/02	FET GOLDEN 14-6-87-14	14-06-087-14 W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0147646	100/15-06-087-14W5/00	FET GOLDEN 15-6-87-14	15-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0102493	100/16-06-087-14W5/00	FET GOLDEN 16-6-87-14	16-06-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0146229	100/03-07-087-14W5/00	FET GOLDEN 3-7-87-14	03-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0102479	100/06-07-087-14W5/00	FET GOLDEN 6-7-87-14	06-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0102479	100/06-07-087-14W5/03	HARVEST GOLDEN 6-7-87-14	06-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0046991	100/10-07-087-14W5/00	FET GOLDEN 10-7-87-14	10-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0039680	100/14-07-087-14W5/00	FET GOLDEN 14-7-87-14	14-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0151777	102/14-07-087-14W5/00	FET 102 GOLDEN 14-7-87-14	14-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0151777	102/14-07-087-14W5/02	FET 102 GOLDEN 14-7-87-14	14-07-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0052042	100/12-08-087-14W5/00	FET GOLDEN 12-8-87-14	12-08-087-14W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0146296	100/10-01-087-15W5/00	FET GOLDEN 10-1-87-15	10-01-087-15W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
HARMON	0052489	100/16-01-087-15W5/00	FET GOLDEN 16-1-87-15	16-01-087-15W5	Manitok Energy Inc.	9.476090	Harvest Oprtns Corp	SLVP
RICINUS	0471954	100/02-03-032-08W5/00	MNK RICINUS 2-3-32-8	10-03-032-08W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	N/A
WILDCAT HILLS	0229541	100/13-14-026-05W5/00	MNK JUMP PD 13-14-26-5	07-14-026-05W5	Manitok Energy Inc.	33.500000	Manitok Energy Inc.	MNVL
WILDCAT HILLS	0155130	100/08-17-026-05W5/00	MNK WCATH 8-17-26-5	02-17-026-05W5	Manitok Energy Inc.	100.000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0234307	100/10-22-026-05W5/00	MNK JUMP PD 10-22-26-5	01-27-026-05W5	Manitok Energy Inc.	33.500000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0150786	102/06-28-026-05W5/00	MNK JUMP PD 6-28-26-5	04-28-026-05W5	Manitok Energy Inc.	67.000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0150786	102/06-28-026-05W5/02	MNK JUMP PD 6-28-26-5	04-28-026-05W5	Manitok Energy Inc.	67.000000	Manitok Energy Inc.	VKNS

Other Areas - Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	WIP Company	WIP	Operator Name	Producing Zone
WILDCAT HILLS	0252424	100/07-28-026-05W5/00	MNK JUMP PD 7-28-26-5	01-28-026-05W5	Manitok Energy Inc.	100.0000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0124137	100/06-29-026-05W5/00	MNK WCATH 6-29-26-5	06-29-026-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	N/A
WILDCAT HILLS	0124137	100/06-29-026-05W5/02	MNK WCATH 6-29-26-5	06-29-026-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0242580	100/06-33-026-05W5/02	MNK WCATH 7-33-26-5	05-33-026-05W5	Manitok Energy Inc.	50.2500000	Manitok Energy Inc.	N/A
WILDCAT HILLS	0242580	100/07-33-026-05W5/00	MNK WCATH 7-33-26-5	05-33-026-05W5	Manitok Energy Inc.	50.2500000	Manitok Energy Inc.	N/A
WILDCAT HILLS	0242580	100/07-33-026-05W5/03	MNK WCATH 7-33-26-5	05-33-026-05W5	Manitok Energy Inc.	33.5000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0223866	100/05-34-026-05W5/02	MNK WCATH 11-34-26-5	11-34-026-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0223866	100/11-34-026-05W5/00	MNK WCATH 11-34-26-5	11-34-026-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	N/A
WILDCAT HILLS	0218094	100/03-03-027-05W5/00	MNK WCATH 3-3-27-5	03-03-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	BMGP
WILDCAT HILLS	0218094	100/03-03-027-05W5/02	MNK WCATH 3-3-27-5	03-03-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	N/A
WILDCAT HILLS	0239752	100/12-04-027-05W5/00	MNK WCATH 12-4-27-5	15-04-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	BMGP
WILDCAT HILLS	0221449	100/16-04-027-05W5/00	MNK WCATH 16-4-27-5	15-04-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0222092	100/06-09-027-05W5/00	MNK WCATH 6-9-27-5	06-09-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0235807	100/15-09-027-05W5/00	MNK WCATH 15-9-27-5	06-09-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	VKNS
WILDCAT HILLS	0224085	100/06-21-027-05W5/00	MNK WCATH 6-21-27-5	01-20-027-05W5	Manitok Energy Inc.	67.0000000	Manitok Energy Inc.	VKNS

GOR Well List

Area	License	CPA Pretty Well ID	Well Name	Surface Location	Company	GOR	Operator Name	Well Status	Producing Zone
CORDEL/STOLBERG	0216420	100/05-11-042-15W5/02	Canlin STOLBERG 6-11-42-15	04-11-042-15W5	Manitok Energy Inc.	25.0000000	Canlin Enrg Corp	Flow GAS	CRDM
CORDEL/STOLBERG	0216420	100/05-11-042-15W5/02	Canlin STOLBERG 6-11-42-15	04-11-042-15W5	Manitok Energy Inc.	25.0000000	Canlin Enrg Corp	Flow GAS	CRDM
CORDEL/STOLBERG	0216420	102/06-11-042-15W5/00	Canlin STOLBERG 6-11-42-15	04-11-042-15W5	Manitok Energy Inc.	25.0000000	Canlin Enrg Corp	ABD	N/A
CORDEL/STOLBERG	0216420	102/06-11-042-15W5/00	Canlin STOLBERG 6-11-42-15	04-11-042-15W5	Manitok Energy Inc.	25.0000000	Canlin Enrg Corp	ABD	N/A
RICINUS	0433337	100/07-36-033-07W5/00	INSIGNIAENERGY ET AL CAROL 7-36-33-7	07-36-033-07W5	Manitok Energy Inc.	100.0000000	Insignia Enrg Ltd	Flow GAS	ELRL

B. Facilities

See the attached.

Base Areas - Facility List

Area	Licence	Description	Sub Type	Surface Location	Status	Licensee	WIP
CARSELAND	F44595	Battery		14-11-022-25W4	Issued	Manitok Energy Inc.	100.000000
CARSELAND	F3246	Gas Processing Plant	Gas Plant Acid Gas Flaring < 1 T/d Sulphur	16-21-022-25W4	Amended	Manitok Energy Inc.	100.000000
CARSELAND	F3246	Battery	Gas Multiwell Group Battery	16-21-022-25W4	Amended	Manitok Energy Inc.	100.000000
CARSELAND	F48038	Battery	Crude Oil Multiwell Proration Battery	02-32-022-25W4	Amended	Manitok Energy Inc.	100.000000
CARSELAND	F48054	Satellite		04-33-022-25W4	Issued	Manitok Energy Inc.	100.000000
CARSELAND	F49021	Satellite		03-16-023-25W4	Issued	Manitok Energy Inc.	100.000000
CARSELAND	F44553	Battery	Gas Single-well Battery	01-36-022-26 W4	Issued	Ember Resources Inc.	100.000000
CARSELAND SHALLOW GAS	F43473	Battery	Gas Multiwell Proration Outside Southeast Alberta Battery	07-25-023-26W4	Issued	Manitok Energy Inc.	100.000000
CORDEL/STOLBERG	F45474	Battery	Crude Oil Multiwell Proration Battery	15-01-042-15W5	Amended	Manitok Energy Inc.	91.600000
CORDEL/STOLBERG	F47870	Compressor Station	Compressor Station	15-02-042-15W5	Amended	Manitok Energy Inc.	100.000000
CORDEL/STOLBERG	F45817	Battery	Crude Oil Multiwell Proration Battery	09-11-042-15W5	Amended	Manitok Energy Inc.	100.000000
CORDEL/STOLBERG	F48085	Satellite		10-11-042-15W5	Issued	Manitok Energy Inc.	30.000000
CORDEL/STOLBERG	F46373	Battery	Crude Oil Multiwell Proration Battery	06-21-042-15W5	Issued	Manitok Energy Inc.	66.666650
CORDEL/STOLBERG	F44723	Compressor Station	Compressor Station	02-29-042-15W5	Amended	Manitok Energy Inc.	79.000000
CORDEL/STOLBERG	F46864	Battery	Crude Oil Multiwell Proration Battery	03-29-042-15W5	Issued	Manitok Energy Inc.	79.000000
CORDEL/STOLBERG	F47323	Battery	Crude Oil Multiwell Proration Battery	01-36-042-16W5	Amended	Manitok Energy Inc.	72.000000
CORDEL/STOLBERG	F47323	Compressor Station	Compressor Station	01-36-042-16W5	Amended	Manitok Energy Inc.	72.000000
CORDEL/STOLBERG	F47423	Battery	Crude Oil Multiwell Group Battery	13-15-042-15W5	Issued	Manitok Energy Inc.	30.000000
CORDEL/STOLBERG	F45136	Battery		06-29-042-15W5	Issued	Manitok Energy Inc.	79.000000
WAYNE	F46560	Battery	Crude Oil Multiwell Proration Battery	06-28-027-21W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F45521	Battery		16-28-027-22W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F45124	Battery		14-35-027-22W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F31911	Battery	Crude Oil Single-well Battery	16-13-028-20W4	Issued	Lynx Energy ULC	100.000000
WAYNE	F3802	Satellite		05-18-028-20W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F46707	Battery		15-02-028-21W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F3812	Satellite		11-12-028-21W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F3817	Gas Processing Plant	Gas Plant Sulphur Recovery	01-20-028-21W4	Amended	Manitok Energy Inc.	100.000000
WAYNE	F3817	Injection Plant	Acid Gas Disposal	01-20-028-21W4	Amended	Manitok Energy Inc.	100.000000
WAYNE	F3817	Injection Plant	Enhanced Recovery Scheme	01-20-028-21W4	Amended	Manitok Energy Inc.	100.000000
WAYNE	F3817	Battery	Gas Multiwell Proration Battery	01-20-028-21W4	Amended	Manitok Energy Inc.	100.000000
WAYNE	F3819	Battery	Crude Oil Multiwell Proration Battery	01-20-028-21W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F3822	Satellite		08-23-028-21W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	ABIF0008818	Injection Facility	Enhanced Recovery Scheme	12-24-028-21 W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F3831	Satellite		12-34-028-21W4	Issued	Manitok Energy Inc.	100.000000
WAYNE	F43463	Battery		07-02-028-22W4	Amended	Manitok Energy Inc.	100.000000
WAYNE	F44797	Battery	Crude Oil Multiwell Group Battery	04-12-028-22W4	Amended	Manitok Energy Inc.	100.000000
WAYNE	F47016	Battery		11-24-028-22W4	Issued	Manitok Energy Inc.	100.000000

Other Areas - Facility List

Area	Licence	Description	Sub Type	Surface Location	Status	Licensee	WIP
ENCHANT	F406	Battery	Crude Oil Multiwell Proration Battery	14-23-010-13W4	Issued	Manitok Energy Inc.	100.000000
HARMON	F17220	Battery	Crude Oil Multiwell Proration Battery	07-07-087-14W5	Issued	Harvest Operations Corp.	9.476000
WILDCAT HILLS	F3655	Battery	Gas Multiwell Effluent Measurement Battery	07-16-026-05W5	Issued	Manitok Energy Inc.	67.000000
WILDCAT HILLS	F3655	Gas Processing Plant	Gas Plant Sweet	07-16-026-05W5	Issued	Manitok Energy Inc.	67.000000
WILDCAT HILLS	F3753	Compressor Station	Compressor Station	05-09-027-05W5	Issued	Manitok Energy Inc.	67.000000
WILDCAT HILLS	F29149	Battery	Gas Single-Well Battery	04-28-026-05W5	Issued	Shell Canada Limited	67.000000

C. Pipelines

See the attached.

Base Areas - Pipeline List

Area	Lic_Line	Substance	From Location	From Facility	To Location	To Facility	Licensee	Status	Diam (mm)	Length (km)
CARSELAND	56788-1	OE	03-33-022-25W4	Satellite	02-32-022-25W4	Battery	Manitok Energy Inc.	Operating	168.3	1.06
CARSELAND	56792-1	OE	16-28-022-25W4	Well	02-32-022-25W4	Battery	Manitok Energy Inc.	Operating	168.3	2
CARSELAND	56794-1	NG	02-32-022-25W4	Battery	16-21-022-25W4	Gas processing plant	Manitok Energy Inc.	Operating	168.3	4.15
CARSELAND	57783-1	OE	03-16-023-25W4	Satellite	02-32-022-25W4	Battery	Manitok Energy Inc.	Operating	168.3	5.53
CARSELAND	57939-1	NG	10-11-022-25W4	Well	07-10-022-25W4	Pipeline	Manitok Energy Inc.	Operating	88.9	1.6
CARSELAND	57939-2	NG	07-10-022-25W4	Well	02-16-022-25W4	Pipeline	Manitok Energy Inc.	Operating	114.3	2.4
CARSELAND	57939-3	NG	11-09-022-25W4	Well	08-21-022-25W4	Pipeline	Manitok Energy Inc.	Operating	168.3	3.5
CARSELAND	57939-4	NG	08-21-022-25W4	Pipeline	16-21-022-25W4	Gas processing plant	Manitok Energy Inc.	Operating	168.3	0.76
CARSELAND	57939-5	NG	16-21-022-25W4	Gas processing plant	01-29-022-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	11.01
CARSELAND	57940-1	NG	09-17-022-25W4	Well	11-09-022-25W4	Pipeline	Manitok Energy Inc.	Operating	88.9	2.04
CARSELAND	57940-2	NG	14-11-022-25W4	Well	10-11-022-25W4	Pipeline	Manitok Energy Inc.	Operating	88.9	0.5
CARSELAND	57940-3	NG	14-16-022-25W4	Well	15-16-022-25W4	Pipeline	Manitok Energy Inc.	Operating	88.9	0.09
CARSELAND	57940-5	NG	13-11-022-25W4	Well	14-11-022-25W4	Pipeline	Manitok Energy Inc.	Operating	88.9	0.77
CARSELAND	58313-1	NG	14-16-022-25W4	Well	15-16-022-25W4	Pipeline	Manitok Energy Inc.	Operating	168.3	0.08
CARSELAND SHALLOW GAS	13437-6	NG	06-16-023-25W4	Well	06-28-023-25W4	Meter station	Manitok Energy Inc.	Operating	114.3	3.22
CARSELAND SHALLOW GAS	13437-39	NG	06-16-023-25W4	Well	06-28-023-25W4	Compressor station	Manitok Energy Inc.	Operating	168.3	3.11
CARSELAND SHALLOW GAS	13437-97	NG	05-36-023-26W4	Well	06-36-023-26W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.75
CARSELAND SHALLOW GAS	13437-98	NG	06-30-023-25W4	Well	04-31-023-25W4	Pipeline	Manitok Energy Inc.	Operating	114.3	1.94
CARSELAND SHALLOW GAS	13437-100	NG	15-26-023-26W4	Well	04-31-023-25W4	Pipeline	Manitok Energy Inc.	Operating	168.3	4.89
CARSELAND SHALLOW GAS	13437-104	NG	04-31-023-25W4	Pipeline	06-28-023-25W4	Compressor station	Manitok Energy Inc.	Operating	168.3	4.28
CARSELAND SHALLOW GAS	13437-105	NG	04-31-023-25W4	Pipeline	06-28-023-25W4	Compressor station	Manitok Energy Inc.	Operating	168.3	4.28
CARSELAND SHALLOW GAS	13437-108	NG	07-30-023-25W4	Well	06-30-023-25W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.74
CARSELAND SHALLOW GAS	13437-110	NG	13-19-023-25W4	Well	07-30-023-25W4	Pipeline	Manitok Energy Inc.	Operating	114.3	1.18
CARSELAND SHALLOW GAS	37427-4	NG	02-08-023-26W4	Pipeline	16-20-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	5.48
CARSELAND SHALLOW GAS	37427-5	NG	01-33-023-26W4	Well	08-32-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	2.46
CARSELAND SHALLOW GAS	37427-6	NG	16-16-023-26W4	Well	15-17-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	2
CARSELAND SHALLOW GAS	37427-7	NG	16-22-023-26W4	Well	02-33-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	3.13
CARSELAND SHALLOW GAS	37427-8	NG	06-05-023-26W4	Well	01-25-022-27W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.74
CARSELAND SHALLOW GAS	37427-18	NG	05-31-022-26W4	Well	01-36-022-27W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.71
CARSELAND SHALLOW GAS	37427-19	NG	16-20-023-26W4	Pipeline	09-20-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.31
CARSELAND SHALLOW GAS	37427-23	NG	16-20-023-26W4	Pipeline	04-32-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	3.42
CARSELAND SHALLOW GAS	37427-30	NG	04-03-023-26W4	Well	06-05-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	3.2
CARSELAND SHALLOW GAS	37427-32	NG	07-10-023-26W4	Well	07-10-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.1
CARSELAND SHALLOW GAS	37427-33	NG	13-10-023-26W4	Well	02-03-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	3.5
CARSELAND SHALLOW GAS	37427-34	NG	04-33-022-26W4	Well	04-03-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	2.5
CARSELAND SHALLOW GAS	37427-41	NG	08-32-023-26W4	Pipeline	13-29-023-26W4	Compressor station	Manitok Energy Inc.	Operating	219.1	1.83
CARSELAND SHALLOW GAS	37427-42	NG	08-32-023-26W4	Pipeline	13-29-023-26W4	Compressor station	Manitok Energy Inc.	Operating	168.3	1.83
CARSELAND SHALLOW GAS	37427-70	NG	08-17-023-26W4	Well	06-05-023-26W4	Pipeline	Manitok Energy Inc.	Operating	219.1	3.8

Base Areas - Pipeline List

Area	Lic_Line	Substance	From Location	From Facility	To Location	To Facility	Licensee	Status	Diam (mm)	Length (km)
CARSELAND SHALLOW GAS	37427-71	NG	03-16-023-26W4	Well	06-16-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.35
CARSELAND SHALLOW GAS	37427-73	NG	09-08-023-26W4	Well	10-08-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.22
CARSELAND SHALLOW GAS	37427-75	NG	07-17-023-26W4	Pipeline	06-05-023-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	2.34
CARSELAND SHALLOW GAS	37427-76	NG	07-17-023-26W4	Well	08-17-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.58
CARSELAND SHALLOW GAS	37427-77	NG	07-16-023-26W4	Well	08-17-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.29
CARSELAND SHALLOW GAS	37427-87	NG	09-20-023-26W4	Well	08-32-023-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	2.91
CARSELAND SHALLOW GAS	37427-88	NG	09-20-023-26W4	Well	08-32-023-26W4	Pipeline	Manitok Energy Inc.	Operating	219.1	2.91
CARSELAND SHALLOW GAS	37427-99	NG	06-05-023-26W4	Well	01-25-022-27W4	Pipeline	Manitok Energy Inc.	Operating	168.3	4.45
CARSELAND SHALLOW GAS	37427-105	NG	09-28-023-26W4	Well	08-32-023-26W4	Pipeline	Manitok Energy Inc.	Operating	219.1	3.29
CARSELAND SHALLOW GAS	37427-107	NG	11-34-023-26W4	Well	02-33-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	2.35
CARSELAND SHALLOW GAS	37427-114	NG	01-25-022-27W4	Well	02-29-022-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	3.2
CARSELAND SHALLOW GAS	37427-134	NG	06-05-023-26W4	Pipeline	02-08-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	4.3
CARSELAND SHALLOW GAS	37427-158	NG	08-17-023-26W4	Well	07-17-023-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	0.24
CARSELAND SHALLOW GAS	37427-159	NG	07-17-023-26W4	Pipeline	09-20-023-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	4.77
CARSELAND SHALLOW GAS	37427-164	NG	08-05-023-26W4	Well	06-05-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.01
CARSELAND SHALLOW GAS	37427-169	NG	16-25-022-27W4	Well	09-25-022-27W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.21
CARSELAND SHALLOW GAS	37427-183	NG	09-34-023-26W4	Well	11-34-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.3
CARSELAND SHALLOW GAS	37427-184	NG	07-09-023-26W4	Well	09-08-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.33
CARSELAND SHALLOW GAS	37427-185	NG	04-15-023-26W4	Well	12-15-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.66
CARSELAND SHALLOW GAS	37427-186	NG	06-15-023-26W4	Well	07-16-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.47
CARSELAND SHALLOW GAS	37427-187	NG	05-32-022-26W4	Well	04-33-022-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	2.19
CARSELAND SHALLOW GAS	37427-188	NG	07-32-022-26W4	Well	07-32-022-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.25
CARSELAND SHALLOW GAS	37427-189	NG	10-27-023-26W4	Well	03-34-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.74
CARSELAND SHALLOW GAS	37427-190	NG	12-34-023-26W4	Well	11-34-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.55
CARSELAND SHALLOW GAS	37427-191	NG	04-34-023-26W4	Well	04-34-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.07
CARSELAND SHALLOW GAS	37427-212	NG	13-29-023-26W4	Battery	13-13-024-27W4	Compressor station	Manitok Energy Inc.	Operating	273.1	9.1
CARSELAND SHALLOW GAS	37427-217	NG	04-04-023-26W4	Well	04-04-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.08
CARSELAND SHALLOW GAS	37427-221	NG	15-04-023-26W4	Well	08-05-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	1.93
CARSELAND SHALLOW GAS	37427-222	NG	13-03-023-26W4	Well	15-03-023-26W4	Pipeline	Manitok Energy Inc.	Operating	141.3	0.62
CARSELAND SHALLOW GAS	58911-2	NG	02-27-022-26W4	Well	04-30-022-25W4	Pipeline	Manitok Energy Inc.	Operating	273.1	4.46
CARSELAND SHALLOW GAS	58911-3	NG	02-27-022-26W4	Pipeline	16-21-022-25W4	Gas processing plant	Manitok Energy Inc.	Operating	219.1	9.26
CARSELAND SHALLOW GAS	58911-5	NG	06-16-023-25W4	Well	06-28-023-25W4	Compressor station	Manitok Energy Inc.	Operating	168.3	3.1
CARSELAND SHALLOW GAS	58912-1	NG	01-25-022-27W4	Well	07-29-022-26W4	Compressor station	Manitok Energy Inc.	Operating	273.1	3.09
CARSELAND SHALLOW GAS	58912-2	NG	07-29-022-26W4	Compressor station	02-27-022-26W4	Pipeline	Manitok Energy Inc.	Operating	219.1	4.96
CARSELAND SHALLOW GAS	58912-3	NG	01-25-022-27W4	Pipeline	02-29-022-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	2.82
CARSELAND SHALLOW GAS	58913-1	NG	06-22-023-26W4	Well	06-24-023-26W4	Pipeline	Manitok Energy Inc.	Operating	168.3	3.5
CARSELAND SHALLOW GAS	58913-2	NG	06-23-023-26W4	Well	11-23-023-26W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.03
CARSELAND SHALLOW GAS	58913-3	NG	13-23-023-26W4	Well	12-23-023-26W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.7

Base Areas - Pipeline List

Area	Lic_Line	Substance	From Location	From Facility	To Location	To Facility	Licensee	Status	Diam (mm)	Length (km)
CARSELAND SHALLOW GAS	58913-4	NG	13-24-023-26W4	Well	09-23-023-26W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.85
CARSELAND SHALLOW GAS	58913-5	NG	08-19-023-25W4	Well	06-24-023-26W4	Pipeline	Manitok Energy Inc.	Operating	114.3	2.48
CARSELAND SHALLOW GAS	58913-6	NG	16-24-023-26W4	Well	09-24-023-26W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.75
CARSELAND SHALLOW GAS	58913-7	NG	06-24-023-26W4	Well	07-25-023-26W4	Compressor station	Manitok Energy Inc.	Operating	168.3	1.6
CARSELAND SHALLOW GAS	58913-8	NG	07-25-023-26W4	Compressor station	04-31-023-25W4	Pipeline	Manitok Energy Inc.	Operating	168.3	2.17
CARSELAND SHALLOW GAS	59076-1	OE	06-16-023-25W4	Pipeline	06-04-023-25W4	Pipeline	Manitok Energy Inc.	Operating	114.3	3.7
CARSELAND SHALLOW GAS	59076-2	OE	03-04-023-25W4	Well	01-28-022-25W4	Pipeline	Manitok Energy Inc.	Operating	219.1	7.58
CORDEL/STOLBERG	53382-1	FG	15-02-042-15W5	Well	15-02-042-15W5	Pipeline	Manitok Energy Inc.	Operating	60.3	0.27
CORDEL/STOLBERG	54159-2	NG	06-29-042-15W5	Battery	02-29-042-15W5	Compressor station	Manitok Energy Inc.	Operating	114.3	0.25
CORDEL/STOLBERG	54159-3	NG	02-29-042-15W5	Compressor station	06-29-042-15W5	Well	Manitok Energy Inc.	Operating	60.3	0.25
CORDEL/STOLBERG	54159-4	NG	02-29-042-15W5	Compressor station	14-18-042-15W5	Pipeline	Manitok Energy Inc.	Operating	168.3	3.89
CORDEL/STOLBERG	54159-5	NG	15-01-042-15W5	Battery	05-01-042-15W5	Pipeline	Manitok Energy Inc.	Operating	114.3	1.81
CORDEL/STOLBERG	54159-6	NG	15-01-042-15W5	Battery	09-11-042-15W5	Satellite	Manitok Energy Inc.	Operating	60.3	1.73
CORDEL/STOLBERG	54159-7	NG	06-21-042-15W5	Battery	02-29-042-15W5	Pipeline	Manitok Energy Inc.	Operating	114.3	2.32
CORDEL/STOLBERG	54159-8	NG	03-29-042-15W5	Battery	02-29-042-15W5	Pipeline	Manitok Energy Inc.	Operating	88.9	0.06
CORDEL/STOLBERG	54159-9	NG	02-29-042-15W5	Pipeline	03-29-042-15W5	Battery	Manitok Energy Inc.	Operating	88.9	0.06
CORDEL/STOLBERG	54159-10	NG	09-11-042-15W5	Satellite	15-02-042-15W5	Pipeline	Manitok Energy Inc.	Operating	114.3	1.42
CORDEL/STOLBERG	54159-12	NG	01-36-042-16W5	Blind end	03-36-042-16W5	Blind end	Manitok Energy Inc.	Discontinued	114.3	0.95
CORDEL/STOLBERG	54159-13	NG	01-36-042-16W5	Blind end	03-30-042-15W5	Blind end	Manitok Energy Inc.	Discontinued	60.3	2.22
CORDEL/STOLBERG	54159-14	NG	13-15-042-15W5	Battery	08-16-042-15W5	Pipeline	Manitok Energy Inc.	Operating	114.3	1.08
CORDEL/STOLBERG	54653-1	FG	09-01-042-15W5	Pipeline	15-01-042-15W5	Battery	Manitok Energy Inc.	Operating	60.3	0.47
CORDEL/STOLBERG	54653-2	FG	07-29-042-15W5	Pipeline	02-29-042-15W5	Compressor station	Manitok Energy Inc.	Operating	88.9	0.27
CORDEL/STOLBERG	54653-3	FG	02-29-042-15W5	Pipeline	06-21-042-15W5	Battery	Manitok Energy Inc.	Operating	60.3	2.32
CORDEL/STOLBERG	54653-4	FG	02-29-042-15W5	Pipeline	03-29-042-15W5	Battery	Manitok Energy Inc.	Operating	60.3	0.06
CORDEL/STOLBERG	54653-5	FG	15-02-042-15W5	Pipeline	09-11-042-15W5	Satellite	Manitok Energy Inc.	Operating	60.3	1.5
CORDEL/STOLBERG	54653-6	FG	03-36-042-16W5	Blind end	01-36-042-16W5	Blind end	Manitok Energy Inc.	Discontinued	60.3	0.95
CORDEL/STOLBERG	54653-7	FG	08-16-042-15W5	Pipeline	13-15-042-15W5	Battery	Manitok Energy Inc.	Operating	60.3	1.08
CORDEL/STOLBERG	54653-8	FG	09-11-042-15W5	Pipeline	10-11-042-15W5	Satellite	Manitok Energy Inc.	Operating	60.3	0.21
CORDEL/STOLBERG	54931-1	OE	09-11-042-15W5	Satellite	15-01-042-15W5	Battery	Manitok Energy Inc.	Operating	168.3	1.73
CORDEL/STOLBERG	54931-2	OE	02-29-042-15W5	Satellite	06-21-042-15W5	Battery	Manitok Energy Inc.	Operating	168.3	1.88
CORDEL/STOLBERG	54931-3	OE	03-30-042-15W5	Blind end	01-36-042-16W5	Blind end	Manitok Energy Inc.	Discontinued	168.3	2.22
CORDEL/STOLBERG	54931-4	OE	13-15-042-15W5	Blind end	08-16-042-15W5	Blind end	Manitok Energy Inc.	Discontinued	168.3	1.08
CORDEL/STOLBERG	54931-5	OE	10-11-042-15W5	Satellite	09-11-042-15W5	Pipeline	Manitok Energy Inc.	Operating	168.3	0.21
CORDEL/STOLBERG	55126-1	NG	15-02-042-15W5	Well	05-01-042-15W5	Pipeline	Manitok Energy Inc.	Operating	168.3	2.2
WAYNE	27754-1	OE	08-23-028-21W4	Satellite	01-20-028-21W4	Battery	Manitok Energy Inc.	Operating	168.3	4.81
WAYNE	27754-17	OE	12-07-028-20W4	Pipeline	05-18-028-20W4	Satellite	Manitok Energy Inc.	Operating	114.3	1.85
WAYNE	27754-18	OE	12-07-028-20W4	Pipeline	05-18-028-20W4	Satellite	Manitok Energy Inc.	Operating	168.3	1.85
WAYNE	27754-19	OE	05-18-028-20W4	Satellite	14-13-028-21W4	Pipeline	Manitok Energy Inc.	Operating	168.3	2.5

Base Areas - Pipeline List

Area	Lic_Line	Substance	From Location	From Facility	To Location	To Facility	Licensee	Status	Diam (mm)	Length (km)
WAYNE	27754-22	OE	11-12-028-21W4	Well	08-23-028-21W4	Satellite	Manitok Energy Inc.	Operating	168.3	3.4
WAYNE	27754-24	OE	15-12-028-21W4	Well	11-12-028-21W4	Satellite	Manitok Energy Inc.	Operating	114.3	0.35
WAYNE	27754-25	OE	16-12-028-21W4	Well	11-12-028-21W4	Satellite	Manitok Energy Inc.	Operating	114.3	0.95
WAYNE	27754-26	OE	12-34-028-21W4	Satellite	08-23-028-21W4	Satellite	Manitok Energy Inc.	Operating	168.3	5.3
WAYNE	27754-28	OE	15-27-028-21W4	Blind end	09-27-028-21W4	Blind end	Manitok Energy Inc.	Discontinued	114.3	1
WAYNE	27754-30	OE	06-09-029-21W4	Well	12-34-028-21W4	Satellite	Manitok Energy Inc.	Operating	114.3	3
WAYNE	27754-32	OE	15-12-028-21W4	Well	11-12-028-21W4	Satellite	Manitok Energy Inc.	Operating	114.3	0.6
WAYNE	27754-36	OE	06-09-029-21W4	Well	06-09-029-21W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.13
WAYNE	27754-39	OE	06-09-029-21W4	Well	12-34-028-21W4	Satellite	Manitok Energy Inc.	Operating	168.3	3.14
WAYNE	27754-41	OE	05-13-028-21W4	Well	11-12-028-21W4	Satellite	Manitok Energy Inc.	Operating	88.9	1.21
WAYNE	27755-1	SW	01-20-028-21W4	Battery	08-23-028-21W4	Well	Manitok Energy Inc.	Operating	168.3	4.81
WAYNE	27755-11	SW	08-23-028-21W4	Satellite	14-14-028-21W4	Well	Manitok Energy Inc.	Operating	114.3	1.22
WAYNE	27755-12	SW	08-23-028-21W4	Pipeline	01-14-028-21W4	Well	Manitok Energy Inc.	Operating	168.3	1.9
WAYNE	27757-1	SG	08-23-028-21W4	Satellite	01-20-028-21W4	Battery	Manitok Energy Inc.	Operating	219.1	4.81
WAYNE	28123-1	NG	01-20-028-21W4	Battery	01-20-028-21W4	Gas processing plant	Manitok Energy Inc.	Operating	88.9	0.25
WAYNE	57268-1	NG	02-20-028-21W4	Well	07-20-028-21W4	Pipeline	Manitok Energy Inc.	Operating	88.9	0.35
WAYNE	57268-2	NG	07-16-028-22W4	Well	07-16-028-22W4	Pipeline	Manitok Energy Inc.	Operating	88.9	0.13
WAYNE	57270-1	NG	11-12-028-21W4	Pipeline	06-13-028-21W4	Pipeline	Manitok Energy Inc.	Operating	88.9	1.31
WAYNE	57270-3	NG	11-24-028-22W4	Well	10-24-028-22W4	Pipeline	Manitok Energy Inc.	Operating	168.3	0.31
WAYNE	57273-1	NG	01-20-028-21W4	Battery	08-23-028-21W4	Satellite	Manitok Energy Inc.	Operating	88.9	4.81
WAYNE	57273-7	NG	08-23-028-21W4	Satellite	14-14-028-21W4	Well	Manitok Energy Inc.	Operating	60.3	1.22
WAYNE	57273-8	NG	08-23-028-21W4	Satellite	14-14-028-21W4	Well	Manitok Energy Inc.	Operating	60.3	1.22
WAYNE	57273-9	NG	08-23-028-21W4	Satellite	14-14-028-21W4	Well	Manitok Energy Inc.	Operating	60.3	1.22
WAYNE	57273-10	NG	14-13-028-21W4	Pipeline	05-18-028-20W4	Well	Manitok Energy Inc.	Operating	88.9	2.5
WAYNE	57273-14	NG	08-23-028-21W4	Satellite	09-27-028-21W4	Pipeline	Manitok Energy Inc.	Operating	60.3	3.3
WAYNE	57273-15	NG	09-27-028-21W4	Pipeline	15-27-028-21W4	Pipeline	Manitok Energy Inc.	Operating	60.3	0.4
WAYNE	57273-16	NG	15-27-028-21W4	Pipeline	12-34-028-21W4	Satellite	Manitok Energy Inc.	Operating	60.3	1.6
WAYNE	57273-17	NG	03-18-028-20W4	Well	12-07-028-20W4	Pipeline	Manitok Energy Inc.	Operating	88.9	1.57
WAYNE	57276-3	NG	07-02-028-22W4	Battery	08-02-028-22W4	Well	Manitok Energy Inc.	Operating	114.3	0.68
WAYNE	57276-4	NG	07-02-028-22W4	Pipeline	07-02-028-22W4	Battery	Manitok Energy Inc.	Operating	88.9	0.05
WAYNE	57277-1	NG	04-12-028-22W4	Well	14-01-028-22W4	Compressor station	Manitok Energy Inc.	Operating	114.3	0.68
WAYNE	57277-2	NG	05-12-028-22W4	Well	04-12-028-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.55
WAYNE	57277-3	NG	15-02-028-21W4	Battery	09-02-028-21W4	Pipeline	Manitok Energy Inc.	Operating	88.9	0.65
WAYNE	57278-1	NG	14-20-027-22W4	Well	14-20-027-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.3
WAYNE	57278-2	NG	05-30-027-22W4	Well	08-30-027-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	1.09
WAYNE	57278-4	NG	14-35-027-22W4	Well	07-02-028-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.8
WAYNE	57279-1	NG	11-27-027-22W4	Well	11-27-027-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.15
WAYNE	57279-2	NG	13-01-028-22W4	Well	09-02-028-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.38

Base Areas - Pipeline List

Area	Lic_Line	Substance	From Location	From Facility	To Location	To Facility	Licensesee	Status	Diam (mm)	Length (km)
WAYNE	57279-4	NG	16-28-027-22W4	Battery	01-33-027-22W4	Pipeline	Manitok Energy Inc.	Operating	114.3	0.23
WAYNE	58326-1	NG	15-18-028-21W4	Well	02-19-028-21W4	Pipeline	Manitok Energy Inc.	Operating	168.3	0.25

Other Areas - Pipeline List

Area	Lic_Line	Substance	From Location	From Facility	To Location	To Facility	Licensee	Status	Diam (mm)	Length (km)
ENCHANT	26541-9	OE	13-23-010-13W4	Well	14-23-010-13W4	Battery	Manitok Energy Inc.	Operating	76.2	0.4
ENCHANT	26541-10	OE	14-23-010-13W4	Well	14-23-010-13W4	Battery	Manitok Energy Inc.	Operating	76.2	0.05
ENCHANT	26541-12	OE	12-23-010-13W4	Well	12-23-010-13W4	Pipeline	Manitok Energy Inc.	Operating	80.8	0.26
ENCHANT	26541-13	OE	13-23-010-13W4	Well	13-23-010-13W4	Satellite	Manitok Energy Inc.	Operating	80.8	0.15
ENCHANT	26549-1	SW	14-23-010-13W4	Battery	15-23-010-13W4	Well	Manitok Energy Inc.	Operating	87.9	0.3
ENCHANT	28393-1	OE	10-09-013-15 W4	Well	06-16-013-15 W4	Satellite	Manitok Energy Inc.	Operating	87.6	1.3
ENCHANT	32066-1	OE	13-23-010-13W4	Well	14-23-010-13W4	Battery	Manitok Energy Inc.	Operating	87.6	0.21
WILDCAT HILLS	29005-3	NG	03-03-027-05W5	Well	15-04-027-05W5	Pipeline	Manitok Energy Inc.	Operating	168.3	1.82
WILDCAT HILLS	29005-4	NG	05-09-027-05W5	Compressor station	15-04-027-05W5	Pipeline	Manitok Energy Inc.	Operating	168.3	1.09
WILDCAT HILLS	29005-5	NG	15-04-027-05W5	Pipeline	13-21-026-05W5	Pipeline	Manitok Energy Inc.	Operating	168.3	5.58
WILDCAT HILLS	29005-6	NG	01-20-027-05W5	Well	05-09-027-05W5	Compressor station	Manitok Energy Inc.	Operating	168.3	3.25
WILDCAT HILLS	29005-7	NG	11-34-026-05W5	Well	03-03-027-05W5	Pipeline	Manitok Energy Inc.	Operating	114.3	0.97
WILDCAT HILLS	29005-8	NG	07-14-026-05W5	Well	07-16-026-05W5	Compressor station	Manitok Energy Inc.	Operating	168.3	3.35
WILDCAT HILLS	29005-9	NG	15-04-027-05W5	Pipeline	05-09-027-05W5	Compressor station	Manitok Energy Inc.	Operating	168.3	1.1
WILDCAT HILLS	33716-1	NG	13-21-026-05W5	Pipeline	07-16-026-05W5	Compressor station	Manitok Energy Inc.	Operating	168.3	2.73
WILDCAT HILLS	33779-1	NG	01-27-026-05W5	Well	13-21-026-05W5	Pipeline	Manitok Energy Inc.	Operating	168.3	2.8
WILDCAT HILLS	35408-1	NG	06-29-026-05W5	Well	06-29-026-05W5	Pipeline	Manitok Energy Inc.	Operating	88.9	0.25
WILDCAT HILLS	35710-1	NG	05-33-026-05W5	Well	08-32-026-05W5	Pipeline	Manitok Energy Inc.	Operating	114.3	0.2
WILDCAT HILLS	36496-1	NG	01-28-026-05W5	Well	16-21-026-05W5	Pipeline	Manitok Energy Inc.	Operating	114.3	0.8
WILDCAT HILLS	57776-1	NG	07-16-026-05W5	Compressor station	12-16-026-05W5	Pipeline	Manitok Energy Inc.	Operating	114.3	0.65

D. Stream Assets

Stolberg oil battery located at LSD 042-15-W5M

Map	Description
#1	15-01-42-15W5 Battery
	<i>Group Separator</i>
	<i>Test Separator</i>
	<i>6 x 750 BBL tanks</i>
	<i>400 BBL Produced Water Tank</i>
	<i>2 x Brahma VRU Compressor Packages</i>
	<i>Oil Treater Package</i>
	<i>RTU, Scada Package, MCC</i>
	<i>HP & LP Flare Knockouts and Flare</i>
#2	09-11-42-15W5 Multiwell Satellite
	<i>Separator Package</i>
	<i>Test Separator</i>
	<i>Scada Package</i>
	<i>Lineheater</i>
#3	15-02-42-15W5 Facility
	<i>2 x Separator Packages</i>
	<i>Slug Catcher Separator</i>
	<i>Arrow Gen Set</i>
	<i>RTU, Scada Package, MCC</i>
	<i>Lineheater</i>

Entice area battery and infrastructure to be located at LSD 022-25-W4M

Map	Description
#1	2-32-22-25 W4M Oil Battery
	<i>Group Separator(48" OD)</i>
	<i>Test Separator (30" OD)</i>
	<i>4 x 750 BBL tanks (2 heated, 1 sales, 1 overflow)</i>
	<i>400 BBL Produced Water Tank</i>
	<i>RTU, Scada Package, MCC</i>
	<i>Flare system (flare stack, header and knockout drum)</i>
#2	4-33-22-25 W4M Oil Satellite
	<i>Test Separator & group header (6 well)</i>
	<i>One (1) pop tank (100 BBL)</i>
#3	Entice Emulsion Pipelines
	<i>4-33-22-25 to 2-32-22-25 W4M</i>
	<i>16-28-22-25 to 2-32-22-25 W4M</i>
#4	Entice Sales Gas Pipeline
	<i>2-32-22-25 to ECA Carseland 16-21-22-25 W4M</i>

Stolberg oil battery located at LSD 042-15-W5M

Map	Description
#4	06-21-42-15W5 Battery
	Group Separator
	Test Separator
	6 x 750 BBL tanks
	400 BBL Produced Water Tank
	400 BBL Blowdown Tank
	Brahma VRU Compressor Packages
	Bel-Air Gen Set
	RTU, Scada Package, MCC
	HP & LP Flare Knockouts and Flare
#5	13-15-42-15W5 Battery
	4 x Separator Packages
	Brahma VRU Compressor Package
	RTU Scada Package, MCC
	6 x 750 BBL Production Tanks
	400 BBL Produced Water Tank
	400 BBL Blowdown Tank
	HP & LP Flare Knockouts and Flare
	Weatherford Pumpjack Unit

Wayne oil battery located at LSD 028-21-W4M

Map	Description
#1	01-20-28-21W4 Sour Oil Battery
	8 x 2000 barrel tanks
	2 treaters 96" x 40'
	Acid gas injection compressor 600hp, 5 stage recip
	Sour Sales compressor 800hp, 5 stage Ram 54
	Amine Skid
	Re-fridge Skid
	Acid Gas Dehy
	Inlet buildings with slug catcher and inlet exchanger
	2 LPG Bullets
	Truck In Preheat exchanger building
	Pump Skid building
	Water injection, 1 main pump and 2 boost pumps
	High pressure and low pressure flare system c/w Flare knock out
#2	08-23-28-21W4 Sour Oil Satellite
	Inlet building (switching valves for testing, pigging)
	Group and Test building with emulsion pumps
	Free Water Knock Out
	Water injection, 2 main pumps and 2 boost pumps
	Flare system c/w above ground Flare knock out

Wayne Single well oil battery's which include:

*2 x 400 barrel single wall tanks c/w secondary containment
Separator package, RTU / SCADA package and Pumpjack*

Single oil well battery's are located in the following UWI locations:

01-14-028-21W4	08-02-028-22W4	14-14-028-21W4
02-20-028-21W4	08-03-028-21W4	14-20-027-22W4
04-12-028-20W4	08-20-028-21W4	14-22-028-21W4
05-02-028-22W4	08-23-028-21W4	14-24-028-22W4
05-10-028-22W4	09-02-028-22W4	14-27-027-22W4
05-12-028-22W4	09-07-028-20W4	14-35-027-22W4
05-13-028-21W4	09-14-028-21W4	15-02-028-21W4
05-18-028-20W4	10-06-028-20W4	15-12-028-21W4
05-30-027-22W4	10-10-028-22W4	15-24-027-22W4
06-09-029-21W4	10-13-028-22W4	15-27-027-22W4
06-28-027-21W4	10-25-028-22W4	15-36-027-22W4
06-35-027-23W4	11-07-028-20W4	16-11-028-21W4
07-02-028-22W4	11-12-028-21W4	16-12-028-21W4
07-09-029-21W4	11-24-028-22W4	16-28-027-22W4
07-16-028-22W4	11-27-027-22W4	
	12-07-028-20W4	
	12-34-028-21W4	
	13-01-028-22W4	
	13-35-027-22W4	
	14-06-028-20W4	

Schedule “D”

Schedule "D"

Registrations to be Discharged

Capitalized terms in this Schedule "D" are defined as follows:

"**Manitok**" means Manitok Energy Inc.;

"**NBC**" means National Bank of Canada;

"**NBC Debenture**" means the \$200,000,00.00 Demand Debenture dated as of February 4, 2013 granted by Manitok in favour of NBC, as amended pursuant to a Demand Debenture Amending Agreement dated as of September 30, 2017 between Manitok and NBC;

"**PrairieSky**" means PrairieSky Royalty Ltd.;

"**Stream**" means Stream Asset Financial Manitok LP.

Part 1 - Encumbrances against Freehold Surface Titles

Claimant	Registration Details	Description of Property
Prentice Creek Contracting Ltd.	Builder's Lien Instrument 172 323 749 Registered December 5, 2017	Title 172 323 682 +2 Meridian 5, Range 15, Township 42, Section 30, Quarter South West, excepting thereout all mines and minerals
Prentice Creek Contracting Ltd.	Certificate of Lis Pendens Instrument 182 124 825 Registered May 31, 2018	Title 172 323 682 +2 Meridian 5, Range 15, Township 42, Section 30, Quarter South West, excepting thereout all mines and minerals
Prentice Creek Contracting Ltd.	Builder's Lien Instrument 172 323 803 Registered December 5, 2017	Title 172 323 692 +3 Meridian 5, Range 16, Township 42, Section 36, Quarter South East, excepting thereout all mines and minerals
Prentice Creek Contracting Ltd.	Certificate of Lis Pendens Instrument 182 124 825 Registered May 31, 2018	Title 172 323 692 +3 Meridian 5, Range 16, Township 42, Section 36, Quarter South East, excepting thereout all mines and minerals
Prentice Creek Contracting Ltd.	Builder's Lien Instrument 172 323 740 Registered December 5, 2017	Title 172 323 651 +2 Meridian 5, Range 15, Township 42, Section 29, Quarter South West, excepting thereout all mines and minerals
Prentice Creek Contracting Ltd.	Certificate of Lis Pendens Instrument 182 124 825 Registered May 31, 2018	Title 172 323 651 +2 Meridian 5, Range 15, Township 42, Section 29, Quarter South West, excepting thereout all mines and minerals

Part 2 - Encumbrances against Freehold Mineral Titles

Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
Carseland Area							
M00471	TWP 22 RGE 25 W4M SEC 17	May 27, 2014	141181631+14	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M0350	TWP 22 RGE 25 W4M SW 28	May 1, 2015	141187859+26	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01837	TWP 22 RGE 25 W4M NW 28	May 1, 2015	141187859+26	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land

Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
M01838	TWP 22 RGE 25 W4M NE 32	May 1, 2015	141188140+1	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01839	TWP 22 RGE 25 W4M NW 32	May 1, 2015	141188140+1	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01840	TWP 22 RGE 25 W4M SE 32	May 1, 2015	141188140+1	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01841	TWP 22 RGE 25 W4M SW 32	May 1, 2015	141188140+1	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01842	TWP 22 RGE 25 W4M NE 33	May 1, 2015	141181326+10	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01843	TWP 22 RGE 25 W4M NW 33	May 1, 2015	141181326+10	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01844	TWP 22 RGE 25 W4M SW 33	May 1, 2015	141181326+10	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land

Rockyford Area

M00426	TWP 23 RGE 23 W4M SW 16	June 26, 1997	141185336+3	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00430	TWP 25 RGE 21 W4M NE 18	May 27, 2014	141183316+20	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00431	TWP 25 RGE 21 W4M SEC 19	May 27, 2014	141183316+19	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00432	TWP 25 RGE 21 W4M SW 30	May 27, 2014	141183536+13	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01303	TWP 25 RGE 22 W4M SEC 7	May 1, 2015	141183729+24	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01304	TWP 25 RGE 22 W4M NE 7	May 1, 2015	141183729+24	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01305	TWP 25 RGE 22 W4M NW 7	May 1, 2015	141183729+24	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01326	TWP 25 RGE 22 W4M S 17	May 1, 2015	141183855+23	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01329	TWP 25 RGE 22 W4M SE 17	May 1, 2015	141183855+23	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01330	TWP 25 RGE 22 W4M SW 17	May 1, 2015	141183855+23	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00377	TWP 25 RGE 22 W4M SEC 21	May 27, 2014	141183855+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01861	TWP 25 RGE 22 W4M N 21	May 27, 2014	141183855+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01862	TWP 25 RGE 22 W4M S 21	May 27, 2014	141183855+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00391	TWP 25 RGE 22 W4M SEC 22	June 15, 1969	141184219+13	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01860	TWP 25 RGE 22 W4M SEC 22	June 15, 1969	141184219+13	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00434	TWP 26 RGE 21 W4M SE 4	May 27, 2014	141183564+21	PrairieSky	181039172 15/02/2018	NBC	Agreement Charging Land

Wayne Area

M00436	TWP 27 RGE 21 W4M NE 21	May 27, 2014	141183564+13	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
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Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
M00377	TWP 27 RGE 21 W4M SW 25, NW 25	May 27, 2014	141183564+12	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00377	TWP 27 RGE 21 W4M 26	May 27, 2014	141176329+28	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00437	TWP 27 RGE 21 W4M NW 33, SW 33	May 27, 2014	141176523+8	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00438	TWP 27 RGE 22 W4M NW 20	May 27, 2014	141183785+9	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00439	TWP 27 RGE 22 W4M NW 27	May 27, 2014	141183855+29	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00441	TWP 27 RGE 22 W4M NW 30	May 27, 2014	141181251+24	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00443	TWP 27 RGE 22 W4M NW 35	May 27, 2014	141183855+26	PrairieSky	181030864 06/02/2018	NBC	Agreement Charging Land
M01365	TWP 27 RGE 22 W4M SEC 35	May 1, 2015	141183855+26	PrairieSky	181030864 06/02/2018	NBC	Agreement Charging Land
M00444	TWP 27 RGE 23 W4M NE 35, NW 35, SW 35	May 27, 2014	141187043+11	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00414	TWP 28 RGE 20 W4M LSD 11 SEC 7	September 28, 2007	141177469+23	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00447	TWP 28 RGE 20 W4M LSDS 12, 13, SEC 7	May 27, 2014	141177469+23	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00449	TWP 28 RGE 21 W4M SE 3, NE 3	May 27, 2014	141183141+24	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00468	TWP 28 RGE 21 W4M SEC 11	May 27, 2014	141177514+18	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00451	TWP 28 RGE 21 W4M LSDS 9, 10 & 15 OF SEC 12	May 27, 2014	141183183	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00452	TWP 28 RGE 21 W4M LSDS 3, 5, 6, 7 & 10 SEC 13	May 27, 2014	141183183+1	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00377	TWP 28 RGE 21 W4M W 19	May 27, 2014	141183183+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00377	TWP 28 RGE 21 W4M N 30, SW 30	May 27, 2014	141183183+27	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01387	TWP 28 RGE 21 W4M NE 19	May 27, 2014	141183183+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01389	TWP 28 RGE 21 W4M SE 19	May 27, 2014	141183183+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00454	TWP 28 RGE 21 W4M SE 20	May 27, 2014	141183183+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M01404	TWP 28 RGE 21 W4M SE 30	May 1, 2015	141183183+27	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00378	TWP 28 RGE 21 W4M NE 33	May 27, 2014	141183183+29	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00456	TWP 28 RGE 21 W4M LSDS 11, 12 OF SEC 34	May 27, 2014	141183255	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00457	TWP 28 RGE 22 W4M NW 1	May 27, 2014	141178488+16	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land

Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
					181030864 06/02/2018	NBC	Agreement Charging Land
M00458	TWP 28 RGE 22 W4M SE 2, SW 2, NE 2	May 27, 2014	141179130+20	PrairieSky	181030864 06/02/2018	NBC	Agreement Charging Land
M00460	TWP 28 RGE 22 W4M NW 12	May 27, 2014	141178488+17	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00465	TWP 28 RGE 22 W4M SW 22, NW 22	May 27, 2014	141178698+28	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land
M00464	TWP 28 RGE 22 W4M SE 25, SW 25, NW 25	May 27, 2014	141179051+7	PrairieSky	181029526 05/02/2018	NBC	Agreement Charging Land

Part 3 – Encumbrances registered with Alberta Energy against Crown Leases

Manitok File No.	Lands	Crown Lease / Licence	Registration & Date	Secured Party / Lienholder	Description Of Encumbrance
Carseland Shallow Gas					
M00063	TWP 42 RGE 15 W5M SEC 1	0610080560	BL 1800076 2018/01/12	Riverside Fuels Ltd.	Builders' Lien - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands
			SN 1800112 2018/01/22	NBC	Security Notice NBC Debenture
			LP 1801047 2018/07/10	Riverside Fuels Ltd.	Certificate of Lis Pendens - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
M00097	TWP 42 RGE 15 W5M NE 3, 9, 10, W 11, , SW 14, SE 15, SW 15, S 16, S 17	121928	SN 1800112 2018/01/22	NBC	Security Notice NBC Debenture
M00065	TWP 42 RGE 15 W5M E 11	0610080562	SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
M00159	TWP 42 RGE 15 W5M E 11	5595120093	SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
M00034	TWP 42 RGE 15 W5M W 12	0609100550	SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
M00143	TWP 42 RGE 15 W5M N 15, NE 16, S 21	0611050413	BL 1800076 2018/01/12	Riverside Fuels Ltd.	Builders' Lien - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
			SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
			LP 1801047 2018/07/10	Riverside Fuels Ltd.	Certificate of Lis Pendens - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
M00104	TWP 42 RGE 15 W5M SEC 19	5511050466	BL 1800076 2018/01/12	Riverside Fuels Ltd.	Builders' Lien - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.

Manitok File No.	Lands	Crown Lease / Licence	Registration & Date	Secured Party / Lienholder	Description Of Encumbrance
			SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
			LP 1801047 2018/07/10	Riverside Fuels Ltd.	Certificate of Lis Pendens - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
M01425	TWP 42 RGE 15 W5M SEC 19, SEC 29	5517050202	BL 1703169 2017/12/07	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
			BL 1800076 2018/01/12	Riverside Fuels Ltd.	Builders' Lien - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
			LP 1800854 2018/06/01	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
			LP 1801047 2018/07/10	Riverside Fuels Ltd.	Certificate of Lis Pendens - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
M00280	TWP 42 RGE 15 W5M N 20, N 21	121929	SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
M00105	TWP 42 RGE 15 W5M SW 22	5511050467	SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
M00107	TWP 42 RGE 15 W5M SEC 29	5511050469	BL 1703169 2017/12/07	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
			BL 1800076 2018/01/12	Riverside Fuels Ltd.	Builders' Lien - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
			SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
			LP 1800854 2018/06/01	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
			LP 1801047 2018/07/10	Riverside Fuels Ltd.	Certificate of Lis Pendens - Manitok - To the supply of gasoline and diesel fuel as well as compressor and natural gas engine oil for well and compressor sites on the subject lands.
M00108	TWP 42 RGE 15 W5M SEC 30	5511050470	BL 1703166 2017/12/07	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
			LP 1800854 2018/06/01	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
M00168	TWP 42 RGE 16 W5M 35, 36 and much more	5593090095	BL 1703168 2017/12/07	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
			SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture
			LP 1800854 2018/06/01	Prentice Creek Contracting Ltd.	Builders' Lien - Manitok - Work, equipment, labour and materials for the clean up of an oil and gas well site.
Wayne Area					
M00418	TWP 29 RGE 21 W4M SEC 9	0493080323	SN 1800112 2018/01/22	NBC	Security Notice - NBC Debenture

Part 4 – Encumbrances registered in the Personal Property Registry of Alberta against Manitok

Claimant	Registration Details	Registration Type
NBC	Registration Number: 13013125180 Registration Date: January 31, 2013	Security Agreement
NBC	Registration No: 13013125196 Registration Date: October 26, 2016	Land Charge
Stream	Registration No: 14123032735 Registration Date: December 30, 2014	Security Agreement
Stream	Registration No: 14123032786 Registration Date: December 30, 2014	Security Agreement
Stream	Registration No: 14123032818 Registration Date: December 30, 2014	Security Agreement
Stream	Registration Number: 14123032840 Registration Date: December 30, 2014	Security Agreement
Stream	Registration No: 15061211057 Registration Date: June 12, 2015	Security Agreement
Stream	Registration No: 15061211094 Registration Date: June 12, 2015	Security Agreement
Stream	Registration No: 15061211117 Registration Date: June 12, 2015	Security Agreement
Stream	Registration No: 15061211258 Registration Date: June 12, 2015	Security Agreement
PrairieSky	Registration No: 15120408473 Registration Date: December 4, 2015	Security Agreement
Computershare Trust Company of Canada	Registration No: 16102610309 Registration Date: October 26, 2016	Security Agreement
Computershare Trust Company of Canada	Registration No: 16102610362 Registration Date: October 26, 2016	Land Charge
Prairie Provident Resources Canada Ltd.	Registration No: 16111513843 Registration Date: November 15, 2016	Security Agreement
Prairie Provident Resources Canada Ltd.	Registration No: 16111514089 Registration Date: November 15, 2016	Land Charge
Prairie Provident Resources Canada Ltd.	Registration No: 17120433459 Registration Date: December 4, 2017	Security Agreement
Evolve Surface Strategies Inc.	Registration Number: 17121331141 Registration Date: December 13, 2017	Security Agreement
Workers' Compensation Board	Registration No: 18031520527 Registration Date: March 15, 2018	Workers' Compensation Board Charge Pursuant to WCB ACT section 129

Part 5 – Encumbrances with respect to which notice is given by the Receiver

(a) Encumbrances against Freehold Mineral Titles

Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
M00386	TWP 25 RGE 22 W4M PTN SE 10 - (PLAN 2540 AM, BLOCK 8, LOTS 1-3)	February 7, 2003	051448337	F & B Andrus	091303279 08/10/2009	Canadian Imperial Bank Commerce	Mortgage dated September 22, 2009 between Martin Cartwright, as mortgagor, and CIBC, as mortgagee
M00396	TWP 26 RGE 23 W4M PTN SEC 35	August 15, 1970	141186969+3	PrairieSky	791156467 21/09/1979	The Mercantile Bank of	General Assignment under Section 82 of the Bank Act dated August 10, 1979 by

Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
						Canada	ATCO Drilling Ltd. to The Mercantile Bank of Canada
					971230940 09/08/1997	Canadian Natural Resources Limited	Purchase and Sale Agreement dated January 1, 1997 between PanCanadian Petroleum Limited, as vendor, and Canadian Natural Resources Limited, as purchaser
M00437	TWP 27 RGE 21 W4M NW 33, SW 33	May 27, 2014	141176523+8	PrairieSky	851115243 15/07/1985	Lloyds Bank Canada	Demand Debenture dated June 17, 1985 granted by, <i>inter alia</i> , PRC Petroleum (1984) Ltd., in favour of Continental Bank of Canada
M00439	TWP 27 RGE 22 W4M NW 27	May 27, 2014	141183855+29	PrairieSky	8888EB 21/03/1929	John Patterson	Agreement for Sale from Canadian Pacific Railway Company

CARSELAND AREA

M01515	TWP 22 RGE 25 W4M SE 20	December 20, 2016	141187859+23	PrairieSky	205HU 17/07/1959	Mobil Oil Canada, Ltd.	Petroleum and Natural Gas Lease dated January 2, 1959 between Canadian Pacific Railway Company, as lessor, and Mobil Oil of Canada, Ltd., as lessee
M01516	TWP 22 RGE 25 W4M SW 20	December 20, 2016	141187859+23	PrairieSky	205HU 17/07/1959	Mobil Oil Canada, Ltd.	Petroleum and Natural Gas Lease dated January 2, 1959 between Canadian Pacific Railway Company, as lessor, and Mobil Oil of Canada, Ltd., as lessee
M01517	TWP 22 RGE 25 W4M NW 20	December 20, 2016	141187859+23	PrairieSky	205HU 17/07/1959	Mobil Oil Canada, Ltd.	Petroleum and Natural Gas Lease dated January 2, 1959 between Canadian Pacific Railway Company, as lessor, and Mobil Oil of Canada, Ltd., as lessee
M01518	TWP 22 RGE 25 W4M NE 20	December 20, 2016	141187859+23	PrairieSky	205HU 17/07/1959	Mobil Oil Canada, Ltd.	Petroleum and Natural Gas Lease dated January 2, 1959 between Canadian Pacific Railway Company, as lessor, and Mobil Oil of Canada, Ltd., as lessee

WAYNE AREA

M00397	TWP 27 RGE 21 W4M E & NW 5	November 19, 1968	141183629+3	PrairieSky	121102986 02/05/2012	Timberrock Energy Corp.	Petroleum Sublease dated November 30, 2010 between Encana Corporation, as lessor, and All Points Energy Ltd., as lessor
					121102987 02/05/2012	Timberrock Energy Corp.	Petroleum Sublease dated November 30, 2010 between Encana Corporation, as lessor, and All Points Energy Ltd., as lessor
					121102988 02/05/2012	Timberrock Energy Corp.	Petroleum Sublease dated November 30, 2010 between Encana Corporation, as lessor, and All Points Energy Ltd., as lessor
M00398	TWP 27 RGE 21 W4M SEC 9	November 19, 1968	141183629+4	PrairieSky	121138891 06/06/2012	Timberrock Energy Corp.	Petroleum Sublease dated January 30, 2012 between Encana Corporation, as

Manitok File #	Lands	Lease Date	Certificate of Title	Registered Owner	Registration No. & Date	Caveator	Nature of Interest
							lessor, and All Points Energy Ltd., as lessor
					121138892 06/06/2012	Timberrock Energy Corp.	Petroleum Sublease dated January 30, 2012 between Encana Corporation, as lessor, and All Points Energy Ltd., as lessor

(b) Encumbrances registered with Alberta Energy against Crown Leases

Manitok File No.	Lands	Crown Lease / Licence	Registration & Date	Secured Party / Lienholder	Description Of Encumbrance
M00994	TWP 28 RGE 18 W4M N 28, SE28, N 33	543A	RB 008514RB 1975/03/07	Royal Bank of Canada	Security Notice - General Assignment under Section 82 ODG the Bank Act dated February 25, 1975 by Oak Ridge Minerals Ltd. and Hacienda Oil & Minerals Ltd. in favour of Royal Bank of Canada
			SN 0202391 2002/05/08	Liberty Oil & Gas Ltd. and 3860337 Canada Ltd.	Security Notice - General Security Agreement dated May 2, 2002 granted by Lexxor Energy Inc. in favour of Liberty Oil & Gas Ltd. and 3860337 Canada Ltd.
M00415	TWP 28 RGE 21 W4M SE 12	17024	SN 8505359 1985/07/16	584693 Alberta Inc.	Security Notice - Demand Debenture dated June 17, 1985, granted by PRC Petroleum (1984) Ltd., T.E.I. Arctic Exploration Inc., and PRC-T.E.I. 1985 Limited Partnership in favour of Continental Bank of Canada

Schedule “E”

Schedule "E" – the Disputed Ember Assets

The Vendor's Interest in Tangibles comprising pipeline segments bearing the following license numbers, which the Vendor knows or has reason to believe are the subject of an asserted claim by or right of Ember:

1. 13437-39, 19515-157 (now 58911-5);
2. 13437-6, 19515-77 (now 59076-1) and 19515-145 (now 59076-2);
3. 19515-116 (now 58911-3) and 48158-5 (now 58912-2);
4. 19515-115 (now 58911-2); 48158-1 (now 58912-1) and 37427-114; 58912-3 and 37427-99; and
5. 37427-70, 37427-164 and 37427-221,

together, in each case, with Miscellaneous Interests associated therewith.

Schedule “F”

Schedule "F" – the Disputed PrairieSky Assets

The Vendor's Interest in the Leases and associated Petroleum and Natural Gas Rights, Tangibles, Miscellaneous Interests and Title Documents pertaining to the following Lands:

1. T 22 R 25 W4M NE 15 (petroleum from top Manville to base Glauconite Zone);
2. T 22 R 25 W4M NW 15 (petroleum from top Mannville to base Glauconite Zone);
3. T 22 R 25 W4M NE 16 (petroleum from top Manville to base Glauconite Zone);
4. T 22 R 25 W4M NE 33 (petroleum in Glauconite Zone);
5. T 23 R 25 W4M NW 3 (petroleum in Glauconite Zone);
6. T 23 R 25 W4M NE 4; (petroleum in Glauconite Zone);
7. T 23 R 25 W4M NE 9 (petroleum in Ellerslie);
8. T 23 R 25 W4M NW 9 (petroleum in Ellerslie);
9. T 23 R 25 W4M SE 9 (petroleum in Ellerslie); and
10. T 23 R 25 W4M SW 9 (petroleum in Ellerslie).