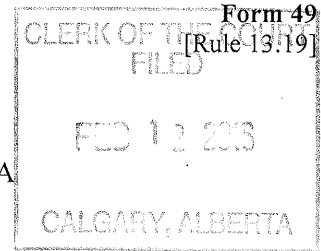


COURT FILE NUMBER 1601- 02201
COURT COURT OF QUEEN'S BENCH OF ALBERTA
IN BANKRUPTCY AND INSOLVENCY
JUDICIAL CENTRE Calgary
PLANTIFF BANK OF MONTREAL
DEFENDANTS BUMPER DEVELOPMENT
CORPORATION LTD., and BUMPER
DEVELOPMENT CORPORATION
DOCUMENT AFFIDAVIT
ADDRESS FOR SERVICE AND
CONTACT INFORMATION OF
PARTY FILING THIS
DOCUMENT Robyn Gurofsky/Jessica L. Cameron
Borden Ladner Gervais LLP
1900, 520 3rd Ave. S.W.
Calgary, AB T2P 0R3
Telephone: (403) 232-9774/9715
Facsimile: (403) 266-1395
Email:
rgurofsky@blg.com/jcameron@blg.com
File No. 407500/000141



AFFIDAVIT OF KINSLEY MCWHINNIE

Sworn on February 11, 2016

**VOLUME 1 OF 2
(WITH EXHIBITS A – F)**

COURT FILE NUMBER 1601- 02201
COURT COURT OF QUEEN'S BENCH OF ALBERTA
IN BANKRUPTCY AND INSOLVENCY
JUDICIAL CENTRE Calgary
PLANTIFF BANK OF MONTREAL
DEFENDANTS BUMPER DEVELOPMENT
CORPORATION LTD., and BUMPER
DEVELOPMENT CORPORATION
DOCUMENT AFFIDAVIT

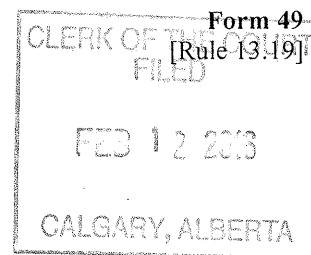
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File No. 407500/000141

AFFIDAVIT OF KINSLEY MCWHINNIE

Sworn on February 11, 2016

I, Kinsley McWhinnie, of the City of Calgary in the Province of Alberta, banker, SWEAR AND SAY THAT:

1. I am an Associate in the Corporate and U.S. Commercial Special Accounts Management Unit for the Plaintiff, Bank of Montreal ("BMO"), and am presently on the team responsible for the administration of the accounts of Bumper Development Corporation Ltd. ("Bumper"). As such, I have personal knowledge of the matters and facts hereinafter sworn to, except where stated to be based on information and belief, and where so stated, I verily believe the same to be true.
2. I am authorized by BMO to swear this Affidavit.



3. Bumper is a body corporate duly incorporated according to the laws of the Province of Alberta, with its registered office in the City of Calgary, in the Province of Alberta. Attached hereto and marked as **Exhibit "A"** is a copy of a Corporate Registries search for Bumper, dated February 10, 2016.
4. Bumper Development Corporation (the "**Guarantor**") is a wholly owned subsidiary of Bumper and duly incorporated accordingly to the laws of the State of Delaware. Attached hereto and marked as **Exhibit "B"** is a copy of a Certificate of Good Standing for the Guarantor, issued by the Delaware Secretary of State as of March 3, 2015.

Loans and Security

5. BMO provided a series of credit facilities to Bumper pursuant to various loan agreements as amended, restated and substituted from time to time, the most current loan agreement being the credit agreement dated March 27, 2015 (the "**Loan Agreement**"). Attached hereto and marked as **Exhibit "C"** is a copy of the Loan Agreement.
6. Pursuant to the Loan Agreement, the following credit facilities were advanced to Bumper:
 - (a) A demand revolving credit facility in the principal amounts of \$48,715,250.73 CAD and \$241,612.96 USD, as of April 30, 2015 following the scheduled reductions under the Loan Agreement;
 - (b) A MasterCard facility in the principal amount of \$15,000; and
 - (c) A standby letter of credit in the principal amount of \$171,000.

(together, the "**Credit Facilities**").
7. As security for the amounts advanced under the Credit Facilities, Bumper executed in favour of BMO among other things: a general assignment under section 426 of the *Bank Act*, dated June 15, 1993 (the "**Bank Act Security**"); an assignment dated June 15, 1993 (the "**Assignment**"); a fixed and floating charge debenture in the principal amount of \$150,000,000, dated as of December 15, 2006 (the "**Debenture**"); and an instrument of pledge dated December 15, 2006 (the "**Debenture Pledge**"). Attached hereto and marked as **Exhibits "D", "E", "F" and "G"** respectively are copies of the Bank Act Security, the Assignment, the Debenture and the Debenture Pledge.

8. Additionally, the Credit Facilities were guaranteed by the Guarantor pursuant to a guarantee dated April 6, 2015 (the “**Guarantee**”) secured by among other things, a U.S. security agreement also dated April 6, 2015 (the “**Guarantor GSA**”). Attached hereto and marked as **Exhibits “H”** and “**I**” respectively are copies of the Guarantee and of the Guarantor GSA.
9. The Bank Act Security, the Assignment, the Debenture, the Debenture Pledge, the Guarantee, and the Guarantor GSA are sometimes collectively referred to herein as the “**BMO Security**”.

Forbearance Agreements and Forbearance Amending Agreements

10. As of May 26, 2015, Bumper was indebted to BMO pursuant to the Loan Agreement as follows:

Facility	Balance
Canadian Prime Loan	\$48,715,250.73
U.S. Base Rate Loan	\$241,612.96 USD
MasterCard Facility	\$ -nil-
Standby Letter of Credit	\$50,000.00
Standby Letter of Credit	\$50,000.00
Standby Letter of Credit	\$71,000.00

(collectively the “**BMO Indebtedness**”).

11. In the summer of 2015, Bumper defaulted under the terms of the Loan Agreement. In particular, Bumper (i) failed to repay amounts due in excess of the then-current borrowing base as required by the Loan Agreement, and (ii) sold or otherwise disposed of assets in breach of paragraph 2(e) of the Loan Agreement, both of which constituted events of default under the Loan Agreement.
12. Despite the defaults, BMO granted Bumper a period of forbearance pursuant to a forbearance agreement and fourteen forbearance amending agreements, more particularly set forth as follows:

- (a) Pursuant to a forbearance agreement dated June 30, 2015 (the “**Forbearance Agreement**”), BMO granted Bumper a period of forbearance until July 30, 2015. Amongst other things, the Forbearance Agreement required Bumper to continue to actively market for sale its oil and gas properties during the forbearance period, with such sale proceeds intended reduce the BMO Indebtedness. In addition, the Forbearance Agreement provided that it would be an event of default if Bumper failed to close a contemplated transaction with Luxxoil Canada Ltd. (“**Luxxoil**”) prior to the expiration of the forbearance period. Bumper and the Guarantor executed a Consent Receivership Order as part of the forbearance arrangement appended as a schedule to the Forbearance Agreement. Attached hereto and marked as **Exhibit “J”** is a copy of the Forbearance Agreement.
- (b) Pursuant to a forbearance amending agreement dated July 29, 2015 (the “**Forbearance Amending Agreement**”), BMO granted Bumper a further period of forbearance until August 7, 2015, with an automatic extended forbearance period until August 30, 2015 if Bumper could close the sale to Luxxoil prior to July 30, 2015. Attached hereto and marked as **Exhibit “K”** is a copy of the Forbearance Amending Agreement.
- (c) Bumper was unable to close the sale to Luxxoil prior to July 30, 2015. Regardless, BMO granted Bumper a further period of forbearance until August 27, 2015 pursuant to a second forbearance amending agreement dated August 6, 2015 (the “**Second Amendment**”). Bumper did close the sale to Luxxoil subsequent to July 30, 2015, and the grant of the Second Amendment was conditional upon delivery by Bumper to BMO of the \$3.5 million (net of costs) in sale proceeds from that transaction, which was applied to reduce the BMO Indebtedness. Attached hereto and marked as **Exhibit “L”** is a copy of the Second Amendment.
- (d) Pursuant to a third forbearance amending agreement, dated as of August 27, 2015 (the “**Third Amendment**”), BMO granted Bumper a further period of forbearance until September 3, 2015. Attached hereto and marked as **Exhibit “M”** is a copy of the Third Amendment.
- (e) Pursuant to a fourth forbearance amending agreement, dated September 3, 2015 (the “**Fourth Amendment**”), BMO granted Bumper a further period of forbearance until

September 11, 2015. The Fourth Amendment included that it would be an event of default under the Forbearance Agreement if the purchase and sale agreement entered into by Bumper and Canstone Energy Ltd., dated August 26, 2015, terminated during the forbearance period. Attached hereto and marked as **Exhibit “N”** is a copy of the Fourth Amendment.

- (f) Pursuant to a fifth forbearance amending agreement, dated September 11, 2015 (the “**Fifth Amendment**”), BMO granted Bumper a further period of forbearance until October 2, 2015. Amongst other things, the Fifth Amendment required the execution of an Inter-creditor Agreement between Bumper, BMO and Encana Corporation prior to September 18, 2015. Attached hereto and marked as **Exhibit “O”** is a copy of the Fifth Amendment.
- (g) Pursuant to a sixth forbearance amending agreement, dated October 2, 2015 (the “**Sixth Amendment**”), BMO granted Bumper a further period of forbearance until November 2, 2015. Attached hereto and marked as **Exhibit “P”** is a copy of the Sixth Amendment.
- (h) Pursuant to a seventh forbearance amending agreement, dated November 2, 2015 (the “**Seventh Amendment**”), BMO granted Bumper a further period of forbearance until December 7, 2015. The grant of the Seventh Amendment was conditional upon completion of several milestones by Bumper as follows:
 - (i) Delivery to BMO of the sale proceeds received from Bumper’s sale of its “Flexjet” property, totalling approximately \$500,000 prior to the expiration of the forbearance period;
 - (ii) Closing of the purchase and sale agreement between Bumper and Forent Energy Ltd. (“**Forent**”) dated October 16, 2015 (the “**Forent PSA**”), occurring no later than December 4, 2015;
 - (iii) Upon closing of the Forent PSA and release of funds from escrow, delivery to BMO of the sale proceeds received by Bumper under the Forent PSA, totalling no less than \$3.1 million; and
 - (iv) Delivery to BMO of a fully executed notice to Forent dated effective November 23, 2015 that Bumper elects to sell its entire interest in and to the overriding royalty to Forent pursuant to the Royalty Agreement between Bumper and Forent, dated effective December 4, 2015.

Attached hereto and marked as **Exhibit “Q”** is a copy of the Seventh Amendment.

- (i) Bumper was unable to close the sale to Forent prior to December 4, 2015, and as a result, pursuant to an eighth forbearance amending agreement, dated December 7, 2015 (the “**Eighth Amendment**”), BMO granted Bumper a further period of forbearance until December 18, 2015. The grant of the Eighth Amendment was conditional upon closing the sale under the Forent PSA prior to December 16, 2015 (the “**Revised Closing Date**”), and at the Revised Closing Date, delivery of the net sale proceeds from Bumper to BMO in an amount not less than \$4.0 million. Attached hereto and marked as **Exhibit “R”** is a copy of the Eighth Amendment.
- (j) Pursuant to a ninth forbearance amending agreement, dated December 18, 2015 (the “Ninth Amendment”), BMO granted Bumper a further period of forbearance until December 23, 2015. Attached hereto and marked as **Exhibit “S”** is a copy of the Ninth Amendment.
- (k) Pursuant to a tenth forbearance amending agreement, dated December 23, 2015 (the “**Tenth Amendment**”), BMO granted Bumper a further period of forbearance until January 8, 2016. The grant of the Tenth Amendment was conditional upon delivery by Bumper to BMO of certain inter-company receivables from its French subsidiaries, totalling approximately €450,000. In addition, the Tenth Amendment permitted Bumper to make severance payments to its employees totalling not more than \$95,000. Attached hereto and marked as **Exhibit “T”** is a copy of the Tenth Amendment.
- (l) Pursuant to an eleventh forbearance amending agreement, dated January 8, 2016 (the “**Eleventh Amendment**”), BMO granted Bumper a further period of forbearance until January 15, 2016. Attached hereto and marked as **Exhibit “U”** is a copy of the Eleventh Amendment.
- (m) Pursuant to a twelfth forbearance amending agreement, dated January 15, 2016 (the “**Twelfth Amendment**”), BMO granted Bumper a further period of forbearance until January 22, 2016. Attached hereto and marked as **Exhibit “V”** is a copy of the Twelfth Amendment.
- (n) Pursuant to a thirteenth forbearance amending agreement, dated January 22, 2016 (the “**Thirteenth Amendment**”), BMO granted Bumper a further period of forbearance until

January 29, 2016. The Thirteenth Amendment required Bumper to collect and deposit outstanding amounts owing under certain shareholder's loans in the amount of \$714,000, prior to January 27, 2016. Attached hereto and marked as **Exhibit "W"** is a copy of the Thirteenth Amendment.

- (o) Pursuant to a fourteenth forbearance amending agreement, dated January 29, 2016 (the "**Fourteenth Amendment**"), BMO granted Bumper a further period of forbearance until February 2, 2016. The Fourteenth Amendment permitted BMO to place a hold on Bumper's Canadian bank account in the amount of \$600,000. Attached hereto and marked as **Exhibit "X"** is a copy of the Fourteenth Amendment.

- 13. The Guarantor was a party to the Forbearance Agreement and its subsequent amendments.
- 14. Pursuant to the Forbearance Agreement, as amended, and the various milestones reached by Bumper throughout the lengthy forbearance period granted, Bumper reduced the BMO Indebtedness by approximately \$37 million.

Defaults & Receivership

- 15. Pursuant to the terms of the Forbearance Agreement, as amended, Bumper and the Guarantor agreed that BMO would be entitled to immediately seek the appointment of a receiver and receiver manager of Bumper and the Guarantor if the BMO Indebtedness was not repaid in full prior to the expiration of the forbearance period. In this regard, Bumper and the Guarantor each executed a Consent Receivership Order in favour of BMO, as well as an acknowledgment and waiver of the notice provisions required under section 244 of the *Bankruptcy and Insolvency Act*, RSC 1985, c B-3, as amended (the "**BIA**"). These documents are appended as schedules to the Forbearance Agreement, attached hereto and marked as Exhibit "J".
- 16. Bumper has failed to repay the BMO Indebtedness in its entirety prior to the expiration of the forbearance period on February 2, 2016. As of February 10, 2016, there remains \$11,352,237.87 due and owing by Bumper and the Guarantor to BMO, together with interest, fees and other chargeable costs continuing to accrue (the "**Outstanding Indebtedness**"). As a result, BMO is entitled to proceed with a receivership application under the terms of the Forbearance Agreement, as amended.

17. BMO has attempted to work with Bumper to resolve its financial difficulties since June of 2015, as evidenced through the multiple forbearance agreement amendments attached hereto. When certain milestones were not met by Bumper during the various forbearance periods, BMO gave Bumper more time to solve its financial difficulties. The relationship between BMO and Bumper throughout this period can be characterized as cooperative, resulting in Bumper reducing the BMO Indebtedness to the Outstanding Indebtedness. However, there is no further viable plan or course of action at present which Bumper has presented to BMO to repay the Outstanding Indebtedness.
18. Bumper gave working notice to its employees in June, 2015 with a termination effective December 31, 2015. Only a small handful of employees remain with Bumper on a limited, as-needed contract basis.
19. Further, Bumper has significant liquidity issues and is unable to meet its obligations as they come due.
20. Given the fact that there are ongoing defaults under the Loan Agreement, the BMO Security and Forbearance Agreement, as amended, and considering that there is no immediate plan of action to cure those defaults or address the company's liquidity issues, BMO has no other choice but to rely upon the Consent Receivership Order and appoint a receiver to protect the assets underlying the BMO Security.
21. Alvarez & Marsal Canada Inc. ("A&M") has consented to act as receiver of Bumper and the Guarantor. Attached hereto and marked as **Exhibit "Y"** is a copy of the Consent to Act as Receiver.
22. I make this Affidavit in support of an Order appointing A&M as the receiver and manager of Bumper and the Guarantor.

SWORN BEFORE ME at Calgary, Alberta,
this 11th day of February, 2016.

A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

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)

KINSLEY MCWHINNIE

This is Exhibit "A" referred to
in the Affidavit of Kinsley McWhinnie
Sworn before me this 11th day of February, 2016



A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

Government of Alberta ■ Corporation/Non-Profit Search

Corporate Registration System

Date of Search: 2016/02/10
Time of Search: 09:01 AM
Search provided by: BORDEN LADNER GERVAIS LLP

Service Request Number: 24646660
Customer Reference Number: 407500.141

Corporate Access Number: 202923009

Legal Entity Name: BUMPER DEVELOPMENT CORPORATION LTD.

Legal Entity Status: Active
Alberta Corporation Type: Named Alberta Corporation
Method of Registration: Amalgamation
Registration Date: 1982/12/31 YYYY/MM/DD
Date of Last Status Change: 2015/03/31 YYYY/MM/DD

Registered Office:

Street: 3300, 421 - 7TH AVENUE S.W.
City: CALGARY
Province: ALBERTA
Postal Code: T2P 4K9

Records Address:

Street: 3300, 421 - 7TH AVENUE S.W.
City: CALGARY
Province: ALBERTA
Postal Code: T2P 4K9

Directors:

Last Name: BORDEN
First Name: ROBERT
Middle Name: M.

Street/Box Number: 417 MUSKRAT STREET

City: BANFF

Province: ALBERTA

Postal Code: T0L 0C0

Last Name: BORDEN

First Name: SUSAN

Middle Name: P.

Street/Box Number: 1501, 300 - 5TH AVENUE S.W.

City: CALGARY

Province: ALBERTA

Postal Code: T2P 3C4

Last Name: BORDEN VIALLO

First Name: MELISSA

Middle Name: J.

Street/Box Number: 1501, 300 - 5TH AVENUE SW

City: CALGARY

Province: ALBERTA

Postal Code: T2P 3C4

Last Name: GLAZER

First Name: JOSEPH

Middle Name: B.

Street/Box Number: 32 SNOWBERRY GATE

City: CALGARY

Province: ALBERTA

Postal Code: T3Z 3C3

Last Name: SCRIPPS

First Name: DEBORAH

Middle Name: S.

Street/Box Number: 3135 SACRAMENTO STREET

City: SAN FRANCISCO

Province: CALIFORNIA

Postal Code: 94115

Last Name: SCRIPPS

First Name: SARA

Middle Name: A.

Street/Box Number: 1501, 300 - 5TH AVENUE S.W.

City: CALGARY
Province: ALBERTA
Postal Code: T2P 3C4

Last Name: VIALLO
First Name: FRANCOIS
Street/Box Number: 59 RUE DE CREQUI
City: LYON
Postal Code: 69006
Country: FRANCE

Voting Shareholders:

Last Name: BORDEN
First Name: ROBERT
Middle Name: M.
Street: 417 MUSKRAT STREET
City: BANFF
Province: ALBERTA
Postal Code: T0C 0L0
Percent Of Voting Shares: .005

Legal Entity Name: BUMPER INVESTMENTS LTD.
Corporate Access Number: 200524338
Street: 1501, 300 - 5TH AVENUE S.W.
City: CALGARY
Province: ALBERTA
Postal Code: T2P 3C4
Percent Of Voting Shares: 99.995

Holding Shares In:

Legal Entity Name
KAHBINDA RESOURCES LTD.
315307 ALBERTA LTD.
SUDEME INVESTMENTS CORPORATION LTD.
SUGER INVESTMENTS LTD.
314443 ALBERTA LTD.

314459 ALBERTA LTD.
329173 ALBERTA LTD.
519168 ALBERTA LTD.

Other Information:**Amalgamation Predecessors:**

Corporate Access Number	Legal Entity Name
200529154	ARCTIC PETROCON LTD
202690038	BUMPER DEVELOPMENT CORPORATION LTD.

Last Annual Return Filed:

File Year	Date Filed (YYYY/MM/DD)
2014	2015/03/31

Outstanding Returns:

Annual returns are outstanding for the 2015 file year(s).

Continued Under the Business Corporations Act on: 1983/11/24 YYYY/MM/DD

Filing History:

List Date (YYYY/MM/DD)	Type of Filing
2014/09/08	Change Address
2015/02/02	Status Changed to Start for Failure to File Annual Returns
2015/03/31	Enter Annual Returns for Alberta and Extra-Provincial Corp.
2015/09/10	Change Director / Shareholder

This is to certify that, as of this date, the above information is an accurate reproduction of data contained within the official records of the Corporate Registry.





This is Exhibit "B" referred to
in the Affidavit of Kinsley McWhinnie
Sworn before me this 11th day of February, 2016



A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "BUMPER DEVELOPMENT CORPORATION" IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE THIRD DAY OF MARCH, A.D. 2015.

AND I DO HEREBY FURTHER CERTIFY THAT THE SAID "BUMPER DEVELOPMENT CORPORATION" WAS INCORPORATED ON THE TWENTY-EIGHTH DAY OF SEPTEMBER, A.D. 1978.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL REPORTS HAVE BEEN FILED TO DATE.

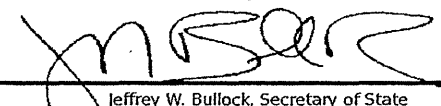
AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE BEEN PAID TO DATE.

0860676 8300

150305340

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2165060

DATE: 03-03-15

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED ARE TRUE AND CORRECT COPIES OF ALL DOCUMENTS ON FILE OF "BUMPER DEVELOPMENT CORPORATION" AS RECEIVED AND FILED IN THIS OFFICE.

THE FOLLOWING DOCUMENTS HAVE BEEN CERTIFIED:

CERTIFICATE OF AMENDMENT, FILED THE THIRTIETH DAY OF NOVEMBER, A.D. 1983, AT 9 O'CLOCK A.M.

CERTIFICATE OF CHANGE OF REGISTERED AGENT, FILED THE TWENTY-NINTH DAY OF JULY, A.D. 2011, AT 3:19 O'CLOCK P.M.


AND I DO HEREBY FURTHER CERTIFY THAT THE AFORESAID CERTIFICATES ARE THE ONLY CERTIFICATES ON RECORD OF THE AFORESAID CORPORATION, "BUMPER DEVELOPMENT CORPORATION".

0860676 8100H

150305340

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 2165061

DATE: 03-03-15

State of Delaware
Secretary of State
Division of Corporations
Delivered 03:27 PM 07/29/2011
FILED 03:19 PM 07/29/2011
SRV 110873742 - 0860676 FILE

**STATE OF DELAWARE
CERTIFICATE OF CHANGE OF REGISTERED AGENT
AND/OR REGISTERD OFFICE**

The Board of Directors of BUMPER DEVELOPMENT CORPORATION a Delaware Corporation, on this 25th day of July, 2011, do hereby resolve and order that the location of the Registered Office of this Corporation within this State be, and the same hereby is 615 South DuPont Highway, in the City of Dover, County of Kent, Zip Code 19901.

The name and Registered Agent therein and in charge thereof upon whom process against this Corporation may be served, is Colby Attorneys Service Co., Inc.

The Corporation does hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Directors at a meeting held as herein stated.

IN WITNESS WHEREOF, said Corporation has caused this certificate to be signed by an authorized officer, the 25th day of July, 2011.

By: 

James Krough, Treasurer

This is Exhibit "C" referred to
in the Affidavit of Kinsley McWhinnie
Sworn before me this 11th day of February, 2016



A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

BUMPER DEVELOPMENT CORPORATION LTD.
Letter Agreement dated March 27, 2015
attached to and forming part of a Letter Offer of Financing of Bank of Montreal addressed
to Bumper Development Corporation Ltd. dated March 27, 2015
(collectively, this "Agreement")

Borrower: Bumper Development Corporation Ltd. (the "**Borrower**").

Guarantor: Bumper Development Corporation (the "**Guarantor**").

Lender: Bank of Montreal (the "**Bank**").

Description: Demand Revolving Credit Facility (the "**Facility**").

Definitions: Capitalized terms used without specific definition in this Agreement have the meaning set forth in the attached Schedule which are incorporated by reference herein.

Amount: \$55,750,000 or the U.S. Dollar Equivalent (the "**Amount**") subject to terms and conditions as outlined below including the Borrowing Base covenant and Conditions Precedent.

Reductions in the Amount will occur as follows (the "**Scheduled Reductions**"):

Effective Date	Amount
April 30, 2015	66% of the Borrowing Base

Purposes: The Facility is to be used in the ownership and related operation of oil and gas properties and assets in Canada and other activities directly related to the foregoing (including, for certainty, the exploration for, and development, production, transportation and marketing of, petroleum, natural gas and related products, lease acquisitions and acquisitions of hydrocarbon reserves) and is not to be used either directly or indirectly, without the Bank's prior written approval: (a) to make or enter into any material property acquisitions, investments, joint ventures or partnerships which are not in the ordinary course of, and made for the purpose of, conducting the business of the Borrower as described aforesaid or (b) in connection with a direct or indirect acquisition of more than 5% of the shares of any corporation, partnership or trust which is publicly traded or otherwise to facilitate, assist or participate in a hostile acquisition.

Currency: Canadian Dollars and/or U.S. Dollar equivalent.

Availability: As per the options below, but in aggregate not to exceed the lesser of the Amount or the Borrowing Base:

(1) **Direct Advances** Canadian Dollar Prime Rate ("**Canadian Dollar Direct Advance**") or U.S. Dollar USBR based ("**U.S. Dollar Direct Advance**") advances, either upon notice or by way of overdraft.

(2) **Bankers' Acceptances**

Canadian Dollar Bankers' Acceptances ("**BAs**") in the minimum face amount of \$1,000,000 in integral multiples of \$100,000 for maturities of 30 to 180 days, subject to availability and the Bank's indemnity and notice requirements. The availability of Bankers' Acceptances is subject to the following terms and conditions:

- (a) the Borrower shall execute and deliver to the Bank a power of attorney to complete, sign, endorse and issue "**FirstBank Acceptances**" in the form required by the Bank;
- (b) Bankers' Acceptances may be purchased by the Bank for a discounted amount based on the Bank's discount rate quoted on the date of purchase;
- (c) the Bank shall only be liable to the Borrower for any unauthorized or unlawful use of executed but incomplete Bankers' Acceptances as a result of the gross negligence or willful act or omission of the Bank or as a result of the Bank failing to use the same standard of care in the custody of same as it uses in the custody of its own property of a similar nature;
- (d) on acceptance and purchase of a Bankers' Acceptance by the Bank, the Bank will credit the account of the Borrower with the face amount of the Bankers' Acceptance less the discount and less the amount of the Explicit Stamping Fee due to the Bank in respect of such acceptance;
- (e) the Borrower shall provide for payment of each Bankers' Acceptance at its maturity date, either by payment of the face amount or through utilization of an Advance under the Facility or through a combination thereof, and otherwise in accordance with the Bank's Agreement with Respect to FirstBank Acceptances (the "**BA Agreement**") to be executed and delivered by the Borrower;
- (f) the Bank is authorized to hold, sell, rediscount or otherwise dispose of all Bankers' Acceptances accepted by it; and
- (g) the acceptance of Bankers' Acceptances by the Bank shall be otherwise governed by the BA Agreement.

(3) **LIBOR Advances**

U.S. Dollar LIBOR notes with minimum draws of U.S. \$1,000,000 in integral multiples of U.S. \$100,000 with maturity periods of 1, 2, 3, or 6

months (each a "**Libor Interest Period**") subject to availability of US Dollars to the Bank in the London interbank market for the requested period and amounts. If the Borrower elects an Availment by way of a LIBOR Advance or a rollover or a conversion into a LIBOR Advance, the Borrower shall specify in its notice of borrowing, notice of rollover or notice of conversion, as applicable, the LIBOR Interest Period applicable to such LIBOR Advance. If on any date the Bank determines in good faith (which determination shall be conclusive as between the parties hereto), that its ability to make a requested LIBOR Advance has become impracticable, impossible or unlawful, or has been materially adversely affected, because:

(a) of any change in applicable law or in the interpretation or administration thereof by authorities having jurisdiction in the matter, whether or not having the force of law;

(b) of any material adverse change in, or the termination of, the London interbank market for US Dollars; or

(c) there exists no adequate or fair measure to ascertain the LIBOR for any LIBOR Interest period for the LIBOR Advance,

then the Bank shall give the Borrower written notice thereof and, thereupon, the Bank shall have no further obligation with respect to such LIBOR Advance, provided that, the Borrower may elect to drawdown, rollover or convert the amount originally requested by way of such LIBOR Advance, into some other type of Availment upon compliance with the applicable notice requirements set out herein.

"**LIBOR**" means, in respect of each relevant LIBOR Interest Period, the rate of interest (rounded upwards to the nearest one-sixteenth of one percent) at which the Bank in accordance with its normal practice, would be prepared to quote and offer to leading banks in London interbank market deposits in U.S. dollars, in an amount approximately equal to the LIBOR Loan, for delivery on the first day of the relevant LIBOR Interest Period for a term equal to such LIBOR Interest Period, at approximately 10:00 a.m., Toronto time, on the day which is two Business Days prior to the first day of such LIBOR Interest Period and such rate shall apply for a period of time equal to such LIBOR Interest Period.

(4) **Standby Letters of Credit/Guarantees ("S/L/C/Gtee")**

Aggregate amount of outstanding S/L/C/Gtee not to exceed \$3,000,000 any time. No S/L/C/Gtee may be issued for a period greater than one year.

(5) **MasterCard**

To provide corporate MasterCards to senior officers and directors of the Borrower in a maximum aggregate amount of \$15,000.

Interest Rates:

- (1) **Canadian Dollar Direct Advances:** Bank of Montreal **Prime Rate per annum plus 250 bps**, payable monthly in arrears.

- (2) **U.S. Dollar Direct Advances**: Bank of Montreal U.S. Base Rate per annum plus 250 bps, payable monthly in arrears.
- (2) **Bankers' Acceptances**: Explicit Stamping Fee of 3.50% per annum, payable at time of issuance.
- (3) **U.S. Dollar LIBOR Contracts**: LIBOR plus 3.50% per annum, payable on the last day of the relevant LIBOR Interest Period, but not less frequently than each 90 day anniversary of the first day of the relevant LIBOR Interest Period, and calculated on the basis of the actual number of days in each LIBOR Interest Period divided by 360.
- (4) **S/L/C/Gtee**: 3.50% per annum subject to a \$50 minimum per quarter. Amendments will cost \$40 per amendment. Payable in advance, fees determined on face amount. Performance LCs will be at 50% of the margin for Financial LCs.
- (5) **MasterCard Line**: As negotiated with MasterCard.

Standby Fee: 70 bps will be applied on the undrawn portion of the Amount.

Review Fee: An annual review fee of 10 bps is payable on the Amount upon the date of acceptance of this Agreement. Permission is herein accorded by Bumper Development Corporation Ltd. to debit the Review Fee from the current account 0010 002-257. In the event that the Facility is syndicated with another financial institution, if the market cost for upfront fees is not greater than 0.10% per annum at the time of syndication, the Bank agrees that the Borrower will not be required to pay any upfront fees in connection with such syndication and such upfront fees will be paid by the Bank to the other financial institution. If the market changes and the market upfront fees exceed 0.10% per annum at such time, the Borrower will be required to pay the portion of such upfront fees which exceeds 0.10% per annum.

Agency Fee: In the event the Facility is syndicated with another financial institution, an annual agency fee of \$20,000 is payable to the Bank.

Interest Act: For the purposes of the Interest Act (Canada), the annual rates of interest to which the interest rates and fees referred to in this Agreement, calculated in accordance with the provisions of this Agreement, are equivalent are the rates so calculated multiplied by the actual number of days in a period of one year commencing on the first day of the period for which such interest is payable and divided by 365, or in the case of LIBOR Advances, divided by 360. All interest hereunder will be calculated using the nominal rate method and not the effective rate method and the deemed reinvestment principle shall not apply to any such calculations.

Conversions and Rollovers:

If the Borrower fails to deliver a notice of Rollover or Conversion with respect to a maturing Bankers' Acceptance or LIBOR Advance, then it will be automatically converted to a Canadian Dollar Direct Advance or for a LIBOR Advance, to a U.S. Dollar Direct Advance equal to the face amount of the

maturing Bankers' Acceptance, or the outstanding amount of the LIBOR Advance, as applicable. Conversions and Rollovers shall only be made on the maturity date of the Bankers' Acceptance or LIBOR Advance, as applicable.

**Overdue
Amounts:**

The Borrower shall pay interest on all overdue amounts outstanding under this Agreement at a rate per annum equal to Bank of Montreal Prime Rate plus 3% in respect of amounts owing in Canadian Dollars and at a rate per annum equal to Bank of Montreal U.S. Base Rate plus 3% in respect of amounts owing in U.S. Dollars, such interest to be payable monthly in arrears. All interest payable under this Agreement shall be payable both before and after default, demand, maturity and judgment.

Repayment:

Notwithstanding the terms and conditions of this Agreement (including, without limitation, any covenants set out herein or in any agreement or instrument incorporated by reference herein), the Bank may at any time demand repayment of any or all Outstandings and the Borrower agrees to pay such amounts to the Bank upon such demand being made; provided and in respect of all S/L/C/Guarantees and Banker's Acceptances, the Borrower shall deposit an amount (the "**Escrow Funds**") equal to the maximum potential liability of the Bank in respect of such outstanding Advances to an account (the collateral account) with the Bank, or such other financial institution as designated by the Bank, from which the Borrower does not have any withdrawal rights or privileges except by applying any amount therein to the Outstandings or a portion thereof, and all funds credited thereto and interest thereon shall be secured by the Security. Notwithstanding anything herein to the contrary, all LIBOR Loans are repayable by the Borrower on demand by the Bank at any time in its discretion. All costs and expenses for unwinding such Advances shall be for the account of the Borrower. In any event, the Borrower shall from time to time make immediate repayment to the Bank of the amount by which the Outstandings exceed the Borrowing Base (except as a result of a re-determination of the Borrowing Base as provided for below).

The Bank may also terminate the availability of further credit under the Facility, at any time, in the sole discretion of the Bank.

Advances outstanding by way of Bankers' Acceptances shall, subject to demand being made therefor, only be repaid on the maturity dates applicable to the amount being repaid. LIBOR Advances, subject to payment to the Bank of any applicable breakage fees or indemnities and subject to earlier demand being made therefore, shall only be repaid on the maturity date of the applicable LIBOR Interest Period.

**Notice
Requirements:**

- 1) Drawdowns and repayments for the Facility are subject to the following notice provisions: Canadian Dollar and U.S. Dollar Direct Advances (excluding advances by way of overdraft aggregating less than Cdn. \$10,000,000 or the Equivalent) and Bankers' Acceptances:

Less than \$10,000,000	1 Business Day
Greater than \$30,000,000	2 Business Days

2) U.S. Dollar LIBOR Loans Three Business Days' notice.

3) Letters of Credit Three Business Days' notice

Borrowing Base: The Bank shall determine the amount of the "Borrowing Base" at least semi-annually based on, among other things, its review of the material hydrocarbon reserves and royalty interests of the Borrower.

On an annual basis, prior to April 30 of each year, the Borrower shall furnish to the Bank an Engineering Report, dated as at December 31 of the previous year. By no later than May 31st of each year, the Lender will determine the Borrowing Base.

On a semiannual basis, and by no later than November 30th of each year, the Lender will determine the Borrowing Base based on the Borrower's written update to the Engineering Report, lease operating, and financial information previously delivered per above. Such information is to be delivered by no later than October 31st.

Upon receipt of the Engineering Report (or semi-annual update thereto) and financial statements and such other information as the Bank may reasonably request, the Bank shall make a determination of the Borrowing Base. The determination of the Borrowing Base, either upward or downward, shall be made by the Bank in the exercise of its sole discretion. The Bank reserves the right to re-determine the Borrowing Base more frequently than semi-annually if the Bank deems such request or re-determination is reasonably warranted.

The Borrowing Base is currently set at \$64,000,000.

In the absence of demand, the Borrowing Base is subject to review in conjunction with the May 31, 2015 semi-annual review.

In the event that the aggregate amount outstanding hereunder is in excess of the "Borrowing Base" at any time as a result of a redetermination of the Borrowing Base, any undrawn portion of the Facility will be cancelled and the Borrower shall, within 45 days; (i) provide additional security, in a form satisfactory to the Bank, to increase the Borrowing Base by an amount at least equal to such excess; or (ii) repay the outstanding principal balance of the Facility by an amount equal to such excess. It is understood that the Bank will not be obligated to make further advances during the aforesaid 45 day period.

**Evidence of
Indebtedness:**

The Borrower acknowledges that the actual recording of the amount of any Advance or repayment thereof under the Facility, and interest, fees, and other amounts due in connection with the Facility or the Security, in the accounts of the Borrower maintained by the Bank, shall constitute *prima*

facie evidence of the Borrower's indebtedness and liability from time to time under this Agreement; provided that the obligation of the Borrower to pay or repay any indebtedness and liability in accordance with the terms and conditions of this Agreement or the Security shall not be affected by the failure of the Bank to make such recording.

**Swaps and
Hedges:**

At the request of the Borrower, and subject to market availability, the Bank may, in its sole discretion, enter into Swaps with the Borrower in accordance with standard form Bank or International Swap and Derivatives Association, Inc. ("ISDA") contracts and subject to such limits as the Bank may determine. All liability and obligations of the Borrower to the Bank in respect of any such products rank *pari passu* with obligations of the Borrower under this Agreement and shall share *pari passu* in any Security.

The Borrower shall not enter into any Swap outside the ordinary course of its business or for speculative purposes (determined, where relevant, by reference to GAAP); provided, without limiting the generality of the foregoing, the following shall be considered to be Swaps entered into outside of the ordinary course of business or entered into for speculative purposes:

- a. Interest Swaps (as defined in the definition of a Swap in Schedule "A") with respect to interest rates having as a subject matter principal amounts which are at any time greater than 50% of the indebtedness of the Borrower hereunder;
- b. any Commodity Swap (as defined in the definition of a Swap in Schedule "A") if the amount of petroleum substances subject to such Commodity Swap, together with all other Commodity Swaps (including both physical and financial) then in place, would exceed in the aggregate, on a barrels per day basis, (expressed with respect to natural gas and natural gas liquids on a barrel of oil equivalent basis in accordance with the Bank's usual practice) 50% (or as reasonably adjusted to meet Minimum Notional Value requirements) of the aggregate barrel per day forecast production of the Borrower for the period matching the term of the Commodity Swap;
- c. any Swap (including physical and financial Commodity Swaps) having a term to maturity exceeding 2 years; and
- d. Currency Swaps (as defined in the definition of a Swap in Schedule "A", but excluding foreign exchange futures contracts and foreign exchange options which are based on anticipated revenue or cash flow) which have as their subject matter amounts which would exceed, in the aggregate, 100% of the amount of the indebtedness of the Borrower in that currency, or, in any event, where the duration of any Currency Swap, at the time of entering into such Currency Swap, shall coincide with the duration of the indebtedness to which it relates.

During determination of the Borrowing Base, if any outstanding Swap has resulted in the Bank according incremental value to such Swap, the Borrower shall not terminate any such outstanding Swap prior to its maturity date without the prior written consent of the Bank.

Covenants:**1. Positive Covenants**

The Borrower shall, and shall cause any Subsidiary of it (including the Guarantor) to:

- a. when due, pay or cause to be paid all principal, interest and other amounts payable by it under this Agreement and the Security;
- b. maintain its corporate existence and status in good standing;
- c. comply with all applicable laws, regulations and directives including, without limitation, those relating to the environment, whether for protection, preservation, clean-up or otherwise, and to obtain and maintain all necessary permits, licenses and other authorizations in connection therewith except to the extent failure to so comply or to so obtain and maintain would not reasonably be expected to have a material adverse effect, such materiality to be determined in the Bank's sole discretion, on the Borrower or its financial condition.
- d. provide to the Bank on an annual basis an "Environmental Certificate" to certify the above signed by the appropriate officer and allow the Bank to enter onto the property at any time, upon reasonable notice, to conduct an environmental inspection;
- e. observe and comply with all of the other terms and conditions of this Agreement and the Security and any other agreements entered into with the Bank;
- f. maintain insurance with reputable insurance companies in such amounts and covering such risks as usually carried by prudent owners engaged in a similar businesses and operating similar properties and upon the request of the Bank provide evidence of such insurance including certified policies;
- g. keep proper books of accounts and afford the Bank access on reasonable notice and at reasonable times during business hours to both its books and accounts;
- h. cause its properties and assets to be maintained and operated in a good and workman-like manner in accordance with sound oil and gas industry practice, and permit the Bank or its agents, at its sole risk, to enter on and inspect such of its assets and properties, including operating and production facilities, as the Bank may request, upon reasonable notice and at reasonable times;

- i. provide prompt notice of any breach or default under this Agreement or the Security or the occurrence of any other circumstance, which may have a material adverse effect on it;
- j. provide written notice to the Bank at least 10 days prior to terminating any physical or financial Swap or derivative in respect of which the Bank has notified the Borrower that it has accorded value in determination of the Borrowing Base, and seeking the Bank's consent thereto;
- k. maintain the following AECO natural gas hedges:

Period	Minimum Notional Value
Jan 1, 2015 to May 31, 2015	\$3,900,000

2. Negative Covenants

The Borrower shall not and shall ensure that its Subsidiaries (including the Guarantor) shall not, without the Bank's prior written consent:

- a. change in ownership;
- b. merge, consolidate or amalgamate;
- c. incur, assume or allow any encumbrance or security interest on its assets, other than "Permitted Encumbrances" as defined in the Security (as defined below); The ability of the Borrower to incur permitted encumbrances, or the exception of permitted encumbrances from any representation, warranty or covenant in any Loan Document, shall not in any manner, cause or proceeding be, or be deemed to be, a subordination of any Security Interest created pursuant to the Loan Documents to any such permitted encumbrance;
- d. Create other indebtedness, other than:
 - i. trade payables incurred in the normal course of business; and
 - ii. guarantees or capital leases, not greater than \$250,000 in aggregate;
- e. Sell, lease or otherwise dispose of assets (other than dispositions of petroleum products in the ordinary course of business) if the fair market value or proceeds from the asset disposition are in excess of \$100,000 or when the cumulative total fair market value of, or proceeds from, all asset dispositions exceeds \$250,000 in any 12 month period;

- f. Purchase shares or assets of itself, its affiliates, Subsidiaries (except wholly owned Subsidiaries) or related entities;
- g. Declare or pay dividends on common stock except as described in the Borrower's memo of December 23, 2014;
- h. Make any loans or other payments, excluding accruing interest on current advances, that result in increases to the amounts due from related parties;
- i. Create, acquire or have any investment in any Subsidiaries (other than (i) wholly-owned Subsidiaries which hold assets included in the Borrowing Base and which have provided the guarantees and security contemplated hereunder and (ii) the investment of the Borrower in the Guarantor on the date hereof);
- j. Allow the Consolidated Net Debt to exceed the Amount of the Facility, during the term of this Agreement, regardless of whether the Borrower has any Outstandings; or
- k. Allow general and administrative expenses to exceed \$1.45 million in the fiscal quarter ending March 31, 2015 and thereafter \$1.35 million per fiscal quarter (in each case, as reasonably adjusted for additional audit costs).

3. Reporting Covenants

The Borrower shall provide:

- a. Review engagement (with the Bank having the right to request at its sole discretion audited) consolidated financial statements prepared by the accountants of the Borrower for the Borrower, and financial statements of the Borrower and Subsidiaries, if applicable, within 120 days of year end and unaudited consolidated financial statements of the Borrower within 60 days of each quarter end for the first three quarters which are to be certified by an officer of the company;
- b. An Engineering Report of the Borrower and its Subsidiaries' oil and gas reserves, as at December 31 of each year, in a form and substance satisfactory to the Bank by April 30 of each following year;
- c. An in house engineering evaluation of the Borrower and its Subsidiaries' oil and gas reserves, as at September 30 of each year, in a form and substance satisfactory to the Bank by October 31 of each year; and
- d. Such other information as the Bank may reasonably require.

If the Borrower fails to perform any covenant hereunder, the Bank may, in its sole discretion, perform any such covenant and, at its sole discretion, make payment of any monies necessary or desirable for the performance of such covenant. Any such amounts paid by the Bank shall be payable by the Borrower on demand and shall bear interest at the rate and in the manner set forth above for "Overdue Amounts" from the date the Bank makes such payment until and including the date of repayment.

**Representations
and Warranties:**

The Borrower represents and warrants to the Bank in respect of it and each of its Subsidiaries (including the Guarantor) as follows:

- a. It is a valid and subsisting corporation in good standing under the laws of the jurisdiction in which it is incorporated and duly qualified to carry on business in each other jurisdiction where it carries on business;
- b. It has all necessary power and authority to carry on its businesses, hold its properties and assets and to execute, deliver and perform its obligations under this Agreement, the Security and all other Loan Documents to which it is a party;
- c. This Agreement, the Security and all other Loan Documents to which it is a party have been (or will have been not later than the effective date of this Agreement if there is no indebtedness of the Borrower to the Bank on the date hereof) duly authorized, executed and delivered by it and constitute legal, valid and binding obligations of it enforceable in accordance with their respective terms and do not and will not conflict with, contravene or result in a breach of any of its constating documents, any material licenses or permits or any material contract or agreement to which it is a party or by which it is bound, nor will result in or require the creation or imposition of any security interests upon any of its assets;
- d. There are no actions, suits or proceedings pending, or to the best of its knowledge, information and belief, threatened or affecting it before any court, governmental authority or before any private dispute resolving body which could adversely affect the validity or enforceability of this Agreement, the Security or any other Loan Document to which it is a party or which could result in a material adverse affect on the consolidated business, operations or condition, financial or otherwise, of the Borrower, nor are there any orders, judgments, writs, injunction, decrees or determinations of any court, governmental authority or private dispute resolving body which could have any of the foregoing effects;
- e. Both it and its properties are in material compliance with all applicable environmental laws and it has not received notice of any non-compliance with any environmental laws;

- f. It has good and valid title to all of its properties and assets subject only to minor defects of title, which do not, in the aggregate, materially affect the value thereof and, any encumbrances permitted hereunder; and
- g. As of the date hereof, the Borrower has no Subsidiaries which have any material assets (other than the Guarantor which holds shares in Promosome LLC) or which conduct any material business.

Indemnities:

1. The Borrower agrees that if the result of the introduction of, or change to, any present or future applicable law, regulation, treaty or official directive, including without limitation those relating to taxation, reserve or special deposit requirements, banking or monetary controls or capital adequacy, or any change in the interpretation, administration or application thereof by any applicable authority or by any court, or compliance by the Bank with any request or directive of any applicable monetary or fiscal agent or authority (whether or not having the force of law), is that:
 - a. the cost to the Bank of funding or maintaining loans or commitments under the Facility is increased;
 - b. principal, interest or any other amount payable to or for the account of the Bank hereunder or the effective return to the Bank hereunder (other than a reduction resulting from a higher rate of income taxes or other special tax relating to the Bank's income in general) is reduced; or
 - c. the Bank is required to make any payment or to forego any interest or other return on or calculated by reference to any sum received or receivable by the Bank hereunder by or in an amount, which the Bank deems material,

then the Bank shall notify the Borrower of such event, and the Borrower shall pay the Bank such amount as shall compensate the Bank for such increased cost, reduced principal, interest or other amount, or payment made or interest or return foregone.
2. The Borrower agrees that if at any time the Bank determines in good faith that the introduction of or change to any present or future applicable law, regulation, treaty or official directive, or any change in the interpretation, administration or application thereof by any applicable authority or by any court has made or will make it unlawful for the Bank to make, maintain or fund all or part of any Advance, the Bank may declare the Bank's obligations hereunder in respect of making or maintaining Advances of such kind, or any relevant portions thereof, to be terminated and the Borrower shall forthwith repay to the Bank the whole of the relevant Advances or any relevant portions thereof together with all unpaid interest accrued thereon to the date of repayment.

3. The Borrower shall indemnify the Bank from and against all losses, damages, expenses and liabilities which the Bank may sustain or incur as a consequence of any breach or default by the Borrower or any Subsidiary under this Agreement, any of the Security or any other Loan Document.
4. Any amounts due to the Bank in U.S. Dollars will be discharged by judgment or payment in Canadian Dollars only to the extent that Canadian Dollars can, on the date of receipt, be converted by the Bank into U.S. Dollars and any deficiency will remain a separate obligation of the Borrower secured by the Security and the Borrower hereby indemnifies the Bank in that regard.

Conditions Precedent

to Effectiveness: This Agreement shall become effective upon the Bank receiving a duly executed copy of this Agreement.

Conditions Precedent

to each Drawdown: It shall also be a condition precedent to each Advance under the Facility that the following conditions precedent are met to the satisfaction of the Bank:

1. The Bank shall have received the required notices under this Agreement;
2. No breach or default shall have occurred hereunder or under the Security; and
3. All representations and warranties under this Agreement and the Security shall be true and correct in all material respects when made and additionally on the date of each Advance, except for Conversions or Rollovers.

Conditions Precedent

to MasterCard use: It shall also be a condition precedent to use of the MasterCard line that the following condition precedent is met to the satisfaction of the Bank:

1. The Bank shall have received the usual and customary MasterCard documentation.

Conditions**Subsequent:**

On or before April 6, 2015, the following conditions subsequent shall be met to the satisfaction of the Bank:

1. The Bank shall have received:
 - a. duly executed copies of the US Security and all other Loan Documents;
 - b. the original share certificate(s) together with a duly executed stock power of attorney in respect of all equity interests held

by the Borrower in the Guarantor;

- c. the original share certificate(s) in respect of all equity interests held by (i) the Borrower in The Intellis Corporation; and (ii) the Guarantor in Promosome LLC; and
- d. legal opinions from each of the Borrower's counsel in Alberta and New York in form acceptable to the Bank, acting reasonably, with respect to this Agreement and the U.S. Loan Documents;

2. Confirmation of due filing or recordation of, or that upon due filing or recordation, the security interests created under the U.S. Security Agreement will be prior to all other financing statements, subject only to Permitted Encumbrances (as defined therein),

and the Borrower acknowledges and agrees that failure to satisfy such conditions shall constitute an Event of Default.

The Bank hereby acknowledges and agrees that, notwithstanding that the share certificate(s) in respect of the equity in Promosome LLC held by the Guarantor are stated on such share certificate(s) to be fully held by the Guarantor, the Guarantor holds (a) 20,000 Series A Units and 33,475 Series B Units of the units evidenced by such share certificate(s) in trust for and on behalf of Joseph Glazer and 10,000 Series A Units and 16,738 Series B Units of the units evidenced by such share certificate(s) in trust for and on behalf of Shelley Keough (collectively, the "**Employee Shares**") and that the Guarantor does not hold or have any right to the beneficial ownership of the Employee Shares and that the Employee Shares remain in trust for the applicable beneficial owner notwithstanding the delivery of such share certificates to the Bank. The Bank also acknowledges and agrees that the Promosome LLC share certificate(s) to be delivered by the Guarantor to the Bank and The Intellis Corporation share certificate(s) to be delivered by the Borrower to the Bank pursuant to the above conditions, shall be delivered to the Bank solely for the purposes of allowing the Bank to have custodial holding of such share certificates and such custodial holding shall not, in and of itself, effect a pledge or transfer of the ownership of such shares to the Bank.

Expenses:

All reasonable costs, fees and expenses incurred in connection with the preparation, negotiation, documentation and enforcement of the Facility (including reasonable legal fees) will be for the account of the Borrower.

**Security/
Documentation:**

The Borrower acknowledges and agrees that all security interests issued or granted by the Borrower in favour of the Bank prior to the date of this Agreement shall be conclusively deemed to have been issued or granted in consideration of, *inter alia*, the execution of this Agreement by the Bank and shall constitute valid and binding security for all obligations, liabilities and indemnities of the Borrower to the Bank from time to time and that nothing contained herein or in any of the Security shall constitute in any

manner a release, waiver or discharge of any such security interests. In addition to any existing security interest as aforesaid, the Borrower will provide or cause to be provided to the Bank the following security, in form and substance satisfactory to the Bank (all existing security interests together with the following security interests herein collectively referred to as the "**Security**"):

To be obtained:

1. Guarantee from the Guarantor (the "**Subsidiary Guarantee**"); and
2. Security Agreement from the Guarantor (the "**U.S. Security Agreement**") and together with the Subsidiary Guarantee, the "**U.S. Loan Documents**").

Governing Law:

This Agreement shall be governed and construed in accordance with the laws of the Province of Alberta and the laws of Canada applicable therein. Each of the signatories to this Agreement irrevocably submits to the non-exclusive jurisdiction of the courts of the Province of Alberta for all matters arising out of or in connection with this Agreement and acknowledges further that nothing in this section shall affect the right of the Bank to bring any action or proceeding in regard to this Agreement or the Security in the courts of jurisdictions other than Alberta.

Time of the Essence:

Time shall be of the essence in this Agreement.

Syndication:

The Bank reserves the right to syndicate, sell or assign the Facility, or any portion thereof. Notwithstanding anything to the contrary in this Agreement, the Bank shall be entitled to make the following change to the Facility at any time during the syndication period, if the Bank determines, acting reasonably, that such change is necessary or advisable in order to ensure a successful syndication of the Facility: an increase in the Interest Rates by not more than 75 basis points (and the standby fee shall be amended to be not more than 20% of the BA Stamping Fee),

Paramountcy:

In the event there is a conflict or inconsistency between the provisions hereof and the provisions of any other Loan Document, the provisions of this Agreement shall prevail to the extent of such conflict or inconsistency; provided, however, that no such conflict or inconsistency shall be determined to exist merely because this Agreement deals with a particular matter and any of the other Loan Documents do not, or vice-versa.

Amendment

and Restatement:

This Agreement amends and restates the existing offer letter of financing agreement dated October 31, 2013 and any amendments thereto (the "**Existing Letter Agreement**") in its entirety. All "Advances" outstanding under the Existing Letter Agreement shall, effective as of the date all conditions to the effectiveness of this Agreement are satisfied (the "**Effective Date**"), be deemed to be Advances under this Agreement. Any and all security that has been delivered to the Bank prior to the Effective Date, shall remain in full force and effect, is expressly reserved by the Bank and shall apply in respect of all obligations of the Borrower under the Facility.

Counterpart

Execution:

This Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same instrument.

[Signature page follows.]

We trust you will find the foregoing acceptable, but should you have any questions regarding the Facilities, or should you have any requirements in addition to those outlined above, please contact the undersigned. Please signify your acceptance by having an executed copy of this Agreement returned to Bank of Montreal on or before March 27, 2015.

BANK OF MONTREAL

Per: 
Name: Brad Heck
Title: Director

Per: 
Name: Matthew Brink
Title: Associate

Agreed and Accepted this 27th day of March, 2015.

**BUMPER DEVELOPMENT CORPORATION
LTD.**

Per: _____
Name:
Title:

Acknowledged and agreed by the undersigned in its capacity as Guarantor hereunder this 27th day of March, 2015.

BUMPER DEVELOPMENT CORPORATION

Per: _____
Name:
Title:

We trust you will find the foregoing acceptable, but should you have any questions regarding the Facilities, or should you have any requirements in addition to those outlined above, please contact the undersigned. Please signify your acceptance by having an executed copy of this Agreement returned to Bank of Montreal on or before March 27, 2015.

BANK OF MONTREAL

Per: _____
Name: Brad Heck
Title: Director

Per: _____
Name: Matthew Brink
Title: Associate

Agreed and Accepted this 27th day of March, 2015.

**BUMPER DEVELOPMENT CORPORATION
LTD.**

Per: _____
Name: James Keough
Title: V.P. Finance

Acknowledged and agreed by the undersigned in its capacity as Guarantor hereunder this 27th day of March, 2015.

BUMPER DEVELOPMENT CORPORATION

Per: _____
Name: James Keough
Title: Treasurer

**SCHEDULE "A" TO LETTER AGREEMENT
DATED AS OF MARCH 27, 2015****DEFINITIONS**

For the purposes of the agreement constituted between the Bank and the Borrower by the letter agreement to which this Schedule "A" is attached, the following terms and phrases shall have the following meanings:

"Advance" means any actual or deemed advance or other extension or utilization of credit pursuant to this Agreement and includes any Canadian Dollar Direct Advance, US Dollar Direct Advance, Bankers' Acceptance and S/L/C/Guarantee and any renewal, extension, Conversion or Rollover of the any of the foregoing;

"Agreement" or "this Agreement" means the agreement between the Bank and the Borrower comprised of the letter agreement to which this Schedule "A" is attached and the Offer of Financing to which such letter agreement is attached;

"ASPE" means Accounting Standards for Private Enterprises;

"Bank of Montreal Prime Rate" means the floating annual rate of interest as established from time to time by the Bank as a base rate it will use to determine rates of interest on Canadian dollar loans to customers in Canada and designated by it as its prime rate;

"Bank of Montreal U.S. Base Rate" means the floating annual rate of interest established from time to time by the Bank as a base rate it will use to determine rates of interest on loans in U.S. Dollars to customers in Canada and designated by it as its U.S. base rate;

"bps" means one basis point, being 1/100th of a percent;

"Borrowing Base" means the amount determined by the Bank based on a lending value assigned to the Borrower's assets, determined in the Bank's sole discretion in accordance with its then usual production loan parameters;

"Business Day" means a day, excluding Saturday and Sunday, on which the Bank is open for business in Calgary, Alberta, and Toronto, Ontario and (i) in respect of U.S. Dollar Direct Advances a day on which banking institutions are open for business in New York, New York and (ii) in respect of LIBOR Advances a day on which dealings in U.S. Dollars by and between banks in the London England interbank market may be conducted;

"Consolidated Current Assets" means, as at the end of a Fiscal Quarter and as determined in accordance with ASPE, on a consolidated basis, the amount of current assets of the Borrower, which for certainty shall not include: (i) any non-cash or unrealized gains relating to any Swap or the future tax effect of any non-cash or unrealized losses relating to any Swap and otherwise required to be taken into account in accordance ASPE; and (ii) any amounts due from related parties;

"Consolidated Current Liabilities" means, as at the end of a Fiscal Quarter and as determined in accordance with ASPE on a consolidated basis, the amount of current liabilities of the Borrower, which for certainty shall not include: (i) any non-cash or unrealized losses relating

to any Swap or the future tax effect of any non-cash or unrealized gains relating to any Swap and otherwise required to be taken into account in accordance with ASPE, and (ii) and amounts due to related parties;

"Consolidated Net Debt" means for the Borrower at the end of a Fiscal Quarter and as determined in accordance with ASPE on a consolidated basis, the amount determined by adding, without duplication:

- (a) the Consolidated Working Capital (excluding any amounts accounted for below) of the Borrower;
- (b) all Outstandings; and
- (c) to the extent not included in item (b) above, the uncanceled and undrawn amount of all letters of credit and letters of guarantee.

"Consolidated Working Capital" means, as of the last day of each Fiscal Quarter, the amount by which Consolidated Current Assets exceeds Consolidated Current Liabilities (in which case the excess shall be treated as a negative number) or the amount by which Consolidated Current Liabilities exceeds Consolidated Current Assets (in which case the excess shall be stated as a positive number);

"Conversion" means a conversion of an Advance or part thereof from one basis of borrowing hereunder to another and, where applicable, includes the issuance of new Bankers' Acceptances in respect of converted or unconverted portions of Advances;

"Engineering Report" means a report (in form and substance satisfactory to the Bank, acting reasonably) prepared by an Independent Engineer respecting the reserves of petroleum substances attributable to the assets and undertakings of the Borrower and Subsidiaries which report shall, as of the effective date of such report, set forth, inter alia, the proved, producing reserves of petroleum substances attributable to the assets and undertakings of the Borrower and each Subsidiary and, for each ensuing 12 month period following the effective date of such report: anticipated rates of production, depletion and reinjection of petroleum substances; crown, freehold and overriding royalties and freehold mineral taxes with respect to petroleum substances produced from or attributable to such assets and undertakings; production, revenue, value-added, wellhead or severance taxes with respect to petroleum substances produced from or attributable to such assets and undertakings; operating costs; gathering, transporting, processing, marketing and storage fees payable with respect to petroleum substances produced from or attributable to such assets and undertakings; capital expenditures expected to be necessary to achieve anticipated rates of production; and net cash flow with respect to such assets and undertakings, including all revenues, expenses and expenditures described above; but not, for greater certainty, any overhead recoveries or operators' fees or charges from third parties.

"Equivalent" in one currency (the **"Converted Currency"**) of an amount in another currency (the **"Converting Currency"**) means, as of the date of determination, the amount of the Converted Currency which would be required to purchase such amount of the Converting Currency at the Bank's noon Toronto spot rate for selling the Converted Currency on such date or, if such date is not a Business Day, on the Business Day immediately preceding such date of determination;

"Fiscal Quarter" means the three month period commencing on the first day of each Fiscal Year and each successive three month period thereafter during such Fiscal Year;

"Fiscal Year" means the Borrower's fiscal year commencing on January 1 of each year and ending on December 31 of such year;

"Independent Engineer" means Sproule – Worldwide Petroleum Consultants and includes such other firm or firms of independent engineers as may be selected from time to time by the Borrower and approved by the Bank in replacement thereof.

"Loan Documents" means this Agreement, the Security and any other instruments or agreements (including without limiting the generality of the foregoing, standard bank form indemnities with respect to S/L/C/Gtees if and when necessary and ISDA Swap Agreements) entered into by the Borrower or any Subsidiary and the Bank relating to the Facility or delivered by the Borrower or any Subsidiary pursuant to the terms of this Agreement;

"Minimum Notional Value" means the volume hedged multiplied by the applicable floor price (net of premiums) multiplied by the applicable term;

"Outstandings" means at any time the aggregate of (i) the Equivalent in Canadian Dollars of the principal amounts, and all overdue and unpaid interest, outstanding in respect of Prime Advances, USBR Advances and LIBOR Advances; (ii) the Equivalent in Canadian Dollars of the face amounts of all outstanding Bankers' Acceptances; (iii) the face amounts of outstanding S/L/C/Guarantee's;

"Person" means an individual, corporation, partnership, trust or governmental authority;

"Rollover" means:

- (a) with respect to any LIBOR Advance, the continuation of all or a portion of such LIBOR Advance (subject to the provisions of this Agreement) for an additional LIBOR Interest Period subsequent to the initial or any subsequent LIBOR Interest Period applicable thereto; and
- (b) with respect to Bankers' Acceptances, the issue of new Bankers' Acceptances (subject to the provisions of this Agreement) in respect of all or any portion of Banker's Acceptances which are maturing;

"Subsidiary" in relation to any Person, means a corporation or other Person of which more than 50% of the outstanding voting shares or other equity or beneficial interests are owned, directly or indirectly, by or for that Person, provided that the ownership of such voting shares or other equity or beneficial interests confers the right to elect at least a majority of the board of directors or other similar governing management body of such other corporation or other Person and includes any corporation or other Person in like relation to a Subsidiary, and "Subsidiaries" means more than one Subsidiary and unless otherwise specified herein or unless the context otherwise requires, a reference herein to a Subsidiary or to Subsidiaries is a reference to a Subsidiary or Subsidiaries of the Borrower;

"Swap" means:

- (a) any contract for a rate swap, rate cap, rate floor, rate collar, forward rate agreement, futures or other rate protection agreement or option with respect to any such transaction, designed to hedge against fluctuations in interest rates (each, an "**Interest Swap**");
- (b) any contract (and whether physical or financial) for the sale or future delivery of commodities (whether or not the subject commodities are to be delivered), hedging contract, forward contract, swap agreement, futures contract or other commodity pricing protection agreement or option with respect to any such transaction, designed to hedge against fluctuations in prices of the subject commodities (each, a "**Commodity Swap**");
- (c) any contract for the sale, purchase, or exchange or for future delivery of foreign currency (whether or not the subject currency is to be delivered or exchanged), hedging contract, forward contract, swap agreement, futures contract, or other foreign exchange protection agreement or option with respect to any such transaction, designed to hedge against fluctuations in foreign exchange rates (each, a "**Currency Swap**"); and
- (d) any other derivative agreement or other similar agreement or arrangements.

**SCHEDULE "B" TO LETTER AGREEMENT
DATED AS OF MARCH 27, 2015**

COMPLIANCE CERTIFICATE

I, _____, of the City of Calgary, in the Province of Alberta, hereby certify as follows:

1. I am the Vice President Finance of Bumper Development Corporation Ltd. (the "**Borrower**");

2. This Certificate applies to the Fiscal [Quarter/Year] ending _____, _____;

3. I am familiar with and have examined the provisions of the Letter Agreement dated as of the 27th day of March, 2015 as amended from time to time, between the Borrower and Bank of Montreal (the "**Letter Agreement**"), and I have made such reasonable investigations of corporate records and inquiries of other officers and senior personnel of the Borrower and each Subsidiary as I have deemed necessary for purposes of this Certificate;

4. No default has occurred and is continuing;

5. Each of the representations and warranties made in the Letter Agreement were true and correct as at the _____ day of _____, _____, being the last day of the Fiscal Quarter/Year most recently ended;

6. As of the last day of the above referenced Fiscal [Quarter/Year] the Consolidated Net Debt was _____, and attached hereto are the detailed particulars of the manner in which the Consolidated Net Debt was calculated;

7. For the above referenced Fiscal [Quarter/Year] the general and administrative expenses was _____;

8. Except where the context otherwise requires, all capitalized terms used herein have the same meaning as in the Letter Agreement; and

9. This Certificate is given by the undersigned officer in his capacity as officer of the Borrower without any personal liability on the part of such officer.

Date this _____ day of _____, _____.

BUMPER DEVELOPMENT CORPORATION LTD.

By: _____

Name:

Title: Vice President Finance

This is Exhibit "D" referred to
in the Affidavit of Kinsley McWhinnie
Sworn before me this 11th day of February, 2016



A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

GENERAL ASSIGNMENT UNDER SECTION 426

FOR GOOD AND VALUABLE CONSIDERATION, the undersigned hereby assigns, transfers and sets over to BANK OF MONTREAL (the "Bank") as continuing security for the payment of all loans and advances made or to be made by the Bank to or on behalf of the undersigned and to or on behalf of others for whom the undersigned may now or hereafter be liable to the Bank as endorser, guarantor or otherwise or renewals of such loans and advances or substitutions therefor, and interest on such loans and advances and on any such renewals and substitutions and on any liabilities of others to the Bank for which the undersigned may be liable to the Bank as guarantor or endorser or otherwise, the following property of which the undersigned is now or may hereafter become the owner, to wit:

- (a) all of the estate and interest of the undersigned in all minerals in place or in storage within, upon or under the lands set forth in Schedule "A" hereunto annexed and made part of this agreement (the interest of the undersigned therein being represented to be not less than set forth in Schedule "A" hereunto annexed and made part of this agreement) subject to lessor royalties and to other royalties as therein noted; and
- (b) all rights, licenses, agreements, leases and permits now owned or hereafter acquired by the undersigned, to obtain and remove such minerals and to enter upon and use any lands from or on which such minerals are or may be extracted, mined or produced; and
- (c) all the estate or interest of the undersigned in or to any of the said minerals, rights, licenses, permits and lands; and

- (d) all the right, title and interest of the undersigned in the casing and equipment used or to be used in extracting, mining or producing or seeking to extract, mine or produce and storing any of such minerals;

and in particular, but without limitation, the rights and interests of the undersigned referred to in Schedule "A" hereto and/or under any instrument or agreement referred to in Schedule "A".

The undersigned covenants and agrees to sign and deliver to the Bank such other and further assurances by way of transfer or otherwise as the Bank may request.

This security is given under the provisions of Section 426 of the Bank Act.

The property now owned by the undersigned and hereby assigned is free from any mortgage, lien or charge thereon and the undersigned warrants that the property that may hereafter be acquired by the undersigned and is hereby assigned shall be free from any mortgage, lien or charge thereon.

DATED at the City of Calgary, in the Province of Alberta, this 15th day of ~~May~~_{June}, 1993.

BUMPER DEVELOPMENT CORPORATION LTD.

Per: Marlie R. M. Burt
Marlie Burt (c/s)
Executive Vice-President

SCHEDULE "A"

to the General Assignment under Section 426 of the Bank Act (Canada) from Bumper Development Corporation Ltd. to Bank of Montreal dated June 15, 1993.

<u>Lease</u>	<u>Lands</u>	<u>W.I.</u>	<u>Burdens</u>
Alberta Crown PNG Lease No. 0481070134 dated July 30, 1981	E½ Sec 22 Twp 32, Rge 25 W4M to the base of the Pekisko formation	17.124%	Crown S/S
Alberta Crown PNG Lease No. 0486030374 dated April 30, 1986	Sec 16, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S
Alberta Crown PNG Lease No. 0486030375 dated April 30, 1986	Sec 22, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S
Alberta Crown PNG Lease No. 0486030376 dated April 30, 1986	Sec 28, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S
Freehold NG lease dated April 8, 1985 from Leonard Anderson, Ilona Noble and Toiro Anderson and a freehold NG lease dated April 4, 1975 from Agnes Niemi	Sec 23, Twp 32, Rge 23, W4M as to natural gas only	25%	16 2/3% Lessor Royalty
Freehold PNG lease dated October 12, 1989 from Mobil Oil Canada	Sec 3, Twp 32, Rge 27, W4M to the base of the Viking formation	25%	22½% Lessor Royalty and a S/S GOR of 5-15% (1-150) on oil on 15% on gas

- 2 -

Alberta Crown PNG Lease No. 0486030377 dated April 30, 1986	Sec 34, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S
Alberta Crown PNG Lease No. 0489090446 dated September 24, 1989	Sec 32, Twp 31, Rge 27, W4M to the base of the Banff formation	25%	Crown S/S and a convertible ORR to Union Pacific Resources Inc. of (i) greater of 15¢/Mcf or 15% on gas (ii) 15% on oil
Alberta Crown PNG Lease No. 0485010189 dated January 24, 1985	Sec 10, Twp 32, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S
Alberta Crown PNG Lease No. 21053 dated February 25, 1970	Sec 11, Twp 32, Rge 26, W4M to the base of the Viking formation	10.9375%	Crown S/S and ORR of 15% on 75% of production
Alberta Crown PNG Lease No. 0485010192 dated January 31, 1985	S½ Sec 32, Twp 32, Rge 26, W4M to the base of the Belly River formation	12.5%	Crown S/S
Alberta Crown PNG Lease No. 0488070059 dated July 22, 1989	Sec 30, Twp 32, Rge 27, W4M to the based of the Pekisko formation	25%	Crown S/S and ORR to Mobil Oil of 1/23.84 (min 5-15%) on oil and 15% on gas (min \$5.33/10 ³ m ³)
Alberta Crown PNG Lease No. 0490010301 dated February 2, 1990	Sec 11, Twp 32, Rge 28, W4M	25%	Crown S/S

- 3 -

Alberta Crown PNG Lease No. 3574 dated August 11, 1964	NW Sec 10, Twp 34, Rge 27, W4M to the base of the Pekisko formation	13.750%	Crown S/S and ORR of 1% on assignee's 13.75% and right of conversion to Farmor under March 1/89 agreement
Alberta Crown PNG Lease No. 0589100403 dated November 3, 1989	Sec 8, Twp 45, Rge 8, W5M	46.340%	Crown S/S
Alberta Crown PNG Lease No. 0477110056 dated November 9, 1977	Sec 11, Twp 29, Rge 25, W4M to the base of the Viking formation	25%	Crown S/S

Note:

- (1) "Crown S/S" means Alberta Crown Royalty
- (2) "W.I." means working interest
- (3) "GOR" means gross overriding royalty
- (4) "ORR" means overriding royalty

This is Exhibit "E" referred to
in the Affidavit of Kinsley McWhinnie
Sworn before me this 11th day of February, 2016



A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

ASSIGNMENT

WHEREAS BUMPER DEVELOPMENT CORPORATION LTD., a body corporate carrying on business at the City of Calgary, in the Province of Alberta (herein called the "Assignor") has, pursuant to Section 426 of the Bank Act (Canada), executed in favour of the BANK OF MONTREAL, a body corporate having an Office at 350 - 7th Avenue S.W., Calgary, Alberta (herein called the "Bank") an assignment, a photocopy of which is attached hereto as Exhibit "A" (herein called the "Section 426 Assignment"), of the Assignor's rights in certain minerals (herein called the "Minerals") and the casing and equipment used or to be used in producing or seeking to produce any of the Minerals (herein called the "Equipment") and certain petroleum and natural gas leases (herein called the "Leases") covering or relating to the lands set out and described in the Section 426 Assignment (herein called the "Lands") as security or continuing security for payment of all loans and advances made or to be made or that may be made by the Bank to the Assignor or renewals on such loans or advances and on any such renewals and substitutions (all herein collectively called the "Advances");

AND WHEREAS as a condition of the making of advances it was agreed that in addition to the execution and delivery to the Bank of the Section 426 Assignment, the Assignor would also execute and deliver to the Bank this assignment;

NOW THEREFORE WITNESSETH that in consideration of the premises and other good and valuable consideration,

receipt whereof is hereby acknowledged, and to further secure the repayment of the Advances:

1. The Assignor hereby transfers and assigns unto the Bank its entire right, title, estate and interest in and to:

(a) all agreements whatsoever relating to or affecting the Minerals, the Equipment, the Leases, and the Lands;

(b) the proceeds accruing to the Assignor under all agreements, present or future, relating to the sale of the Assignor's share of production from the Lands or any of them included in the Leases; and

(c) all wells, equipment, roadways and other facilities, whether similar or dissimilar, now or hereafter situate in or upon the Lands,

as additional security for the repayment of the Advances.

2. This assignment shall constitute full authority to the Bank to receive all monies payable to the Assignor under the terms of the aforementioned agreements and all other agreements relating to or affecting the Leases or the Lands or production therefrom (hereinafter collectively referred to as the "Pledged Agreements") as the same accrue to the Assignor from and after the effective date of this assignment until the termination hereof as hereinafter provided and full authority for the Bank to receive all notices to which the Assignor may be entitled thereunder and full power and authority for the Bank to advise all parties to the Pledged Agreements or any of them of this assignment and the specific rights and authority of the Bank to receive

directly all monies payable to the Assignor thereunder and to receive all notices and other communication to which the Assignor is entitled under the Pledged Agreements.

3. The Assignor hereby grants to the Bank full power and authority to use the name of the Assignor, its successors and assigns for enforcing the performance of the covenants and other matters and things contained in the Pledged Agreements or any of them.

4. Nothing herein shall be construed so as to impose on the Bank any responsibility for the performance of the obligations of the Assignor under the Pledged Agreements or liability for the non-performance thereof.

5. Nothing herein shall be construed so as to impose on the Bank any obligation to collect any of the monies payable to the Assignor under the terms of the Pledged Agreements.

6. In the event that the Bank realizes its security under the Section 426 Assignment, the Assignor shall, upon demand by the Bank, execute and deliver to the Bank or its nominee or nominees all such further deeds, documents or assurances as may be necessary or required to fully perfect the assignment to the Bank, its nominee or assignee of all its right, title and interest in, to and under the agreements, assets, rights and things referred to in clause 1 hereof, including, without limitation, all of the Assignor's right, title and interest in and to the Pledged Agreements, the wells, the equipment, the roadways and other facilities and all its obligations and liabilities thereunder except obligations and liabilities accruing

before the date of such realization, which assignment shall be satisfactory to the solicitors for the Bank as to both form and content.

7. The Assignor hereby irrevocably appoints the Bank to be the attorney of the Assignor in the name and on behalf of the Assignor to execute any deeds, transfers, conveyances, assignments, assurances and things which the Assignor ought to execute and do under the covenants and provisions contained in this assignment and has not executed or done and generally to use the name of the Assignor in exercise of all or any of the powers hereby conferred upon the Bank.

8. The Assignor covenants that it will not alter or modify the terms of the Pledged Agreements or any of them or terminate any of them or surrender the Leases or any rights respecting any mineral rights or other lands or property of any kind whatsoever subject thereto and hereto without the prior written consent of the Bank.

9. The Assignor covenants to pay all future rents and observe and perform all of the lessee's covenants and obligations contained in the Leases insofar as shall be necessary so as not to permit any default to occur in the performance of the terms of the Leases in the time limited therefor which will lead to a forfeiture of the Leases and the Assignor further covenants to perform and observe all of the covenants, terms and conditions binding upon it under the Pledged Agreements and each of them.

10. This assignment is given as continuing and collateral security for all present and future advances and

indebtedness of the Assignor to the Bank and shall terminate and be of no further effect upon:

- (a) receipt by the Bank of payment in full of the Advances and indebtedness; and
- (b) delivery by the Bank of an unexecuted letter of termination.

This assignment shall enure to the benefit of and be binding upon the Assignor and the Bank and their respective successors and assigns and be governed by the laws in force from time to time in the Province of Alberta.

IN WITNESS WHEREOF the Assignor has executed and delivered this assignment as of the 15th day of June, 1993.

BUMPER DEVELOPMENT CORPORATION
LTD.

Per: Martin R. Smith (c/s)

GENERAL ASSIGNMENT UNDER SECTION 426

FOR GOOD AND VALUABLE CONSIDERATION, the undersigned hereby assigns, transfers and sets over to BANK OF MONTREAL (the "Bank") as continuing security for the payment of all loans and advances made or to be made by the Bank to or on behalf of the undersigned and to or on behalf of others for whom the undersigned may now or hereafter be liable to the Bank as endorser, guarantor or otherwise or renewals of such loans and advances or substitutions therefor, and interest on such loans and advances and on any such renewals and substitutions and on any liabilities of others to the Bank for which the undersigned may be liable to the Bank as guarantor or endorser or otherwise, the following property of which the undersigned is now or may hereafter become the owner, to wit:

- (a) all of the estate and interest of the undersigned in all minerals in place or in storage within, upon or under the lands set forth in Schedule "A" hereunto annexed and made part of this agreement (the interest of the undersigned therein being represented to be not less than set forth in Schedule "A" hereunto annexed and made part of this agreement) subject to lessor royalties and to other royalties as therein noted; and
- (b) all rights, licenses, agreements, leases and permits now owned or hereafter acquired by the undersigned, to obtain and remove such minerals and to enter upon and use any lands from or on which such minerals are or may be extracted, mined or produced; and
- (c) all the estate or interest of the undersigned in or to any of the said minerals, rights, licenses, permits and lands; and

(d) all the right, title and interest of the undersigned in the casing and equipment used or to be used in extracting, mining or producing or seeking to extract, mine or produce and storing any of such minerals;

and in particular, but without limitation, the rights and interests of the undersigned referred to in Schedule "A" hereto and/or under any instrument or agreement referred to in Schedule "A".

The undersigned covenants and agrees to sign and deliver to the Bank such other and further assurances by way of transfer or otherwise as the Bank may request.

This security is given under the provisions of Section 426 of the Bank Act.

The property now owned by the undersigned and hereby assigned is free from any mortgage, lien or charge thereon and the undersigned warrants that the property that may hereafter be acquired by the undersigned and is hereby assigned shall be free from any mortgage, lien or charge thereon.

DATED at the City of Calgary, in the Province of Alberta, this 15th day of ~~May~~_{June}, 1993.

BUMPER DEVELOPMENT CORPORATION LTD.

Per: Marlie R. M. Burt
Marlie Burt (c/s)
Executive Vice-President

*Cross checked to ensure
from Robert Odeh
Feb 1/93 - appears
OK*

SCHEDULE "A"

to the General Assignment under Section 426
of the Bank Act (Canada) from Bumper
Development Corporation Ltd. to Bank of
Montreal dated June 15, 1993.

<u>Lease</u>	<u>Lands</u>	<u>W.I.</u>	<u>Burdens</u>
Alberta Crown PNG Lease No. 0481070134 dated July 30, 1981	E½ Sec 22 Twp 32, Rge 25 W4M to the base of the Pekisko formation	17.124%	Crown S/S ✓
Alberta Crown PNG Lease No. 0486030374 dated April 30, 1986	Sec 16, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S ✓
Alberta Crown PNG Lease No. 0486030375 dated April 30, 1986	Sec 22, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S —
Alberta Crown PNG Lease No. 0486030376 dated April 30, 1986	Sec 28, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S ✓
Freehold NG lease dated April 8, 1985 from Leonard Anderson, Ilona Noble and Toiro Anderson and a freehold NG lease dated April 4, 1975 from Agnes Niemi	Sec 23, Twp 32, Rge 23, W4M as to natural gas only	25%	16 2/3% Lessor Royalty ✓
Freehold PNG lease dated October 12, 1989 from Mobil Oil Canada	Sec 3, Twp 32, Rge 27, W4M to the base of the Viking formation	25%	22½% Lessor Royalty and a S/S GOR of 5-15% (1-150) on oil on 15% on gas ✓

Alberta Crown PNG Lease No. 0486030377 dated April 30, 1986	Sec 34, Twp 31, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S ✓
Alberta Crown PNG Lease No. 0489090446 dated September 24, 1989	Sec 32, Twp 31, Rge 27, W4M to the base of the Banff formation	25%	Crown S/S and a convertible ✓ ORR to Union Pacific Resources Inc. of (i) greater of 15¢/Mcf or 15% on gas (ii) 15% on oil
Alberta Crown PNG Lease No. 0485010189 dated January 24, 1985	Sec 10, Twp 32, Rge 26, W4M to the base of the Viking formation	25%	Crown S/S ✓
Alberta Crown PNG Lease No. 21053 dated February 25, 1970	Sec 11, Twp 32, Rge 26, W4M to the base of the Viking formation	10.9375%	Crown S/S and ✓ ORR of 15% on 75% of production
Alberta Crown PNG Lease No. 0485010192 dated January 31, 1985	S½ Sec 32, Twp 32, Rge 26, W4M to the base of the Belly River formation	12.5%	Crown S/S ✓
Alberta Crown PNG Lease No. 0488070059 dated July 22, 1989	Sec 30, Twp 32, Rge 27, W4M to the based of the Pekisko formation	25%	Crown S/S and ✓ ORR to Mobil Oil of 1/23.84 (min 5-15%) on oil and 15% on gas (min \$5.33/10 ³ m ³)
Alberta Crown PNG Lease No. 0490010301 dated February 2, 1990	Sec 11, Twp 32, Rge 28, W4M	25%	Crown S/S

Alberta Crown PNG Lease No. 3574 dated August 11, 1964	NW Sec 10, Twp 34, Rge 27, W4M to the base of the Pekisko formation	13.750%	Crown S/S and ORR of 1% on assignee's 13.75% and right of conversion to Farmor under March 1/89 agreement	✓
Alberta Crown PNG Lease No. 0589100403 dated November 3, 1989	Sec 8, Twp 45, Rge 8, W5M	46.340%	Crown S/S	✓
Alberta Crown PNG Lease No. 0477110056 dated November 9, 1977	Sec 11, Twp 29, Rge 25, W4M to the base of the Viking formation	25%	Crown S/S	✓

Note:

- (1) "Crown S/S" means Alberta Crown Royalty
- (2) "W.I." means working interest
- (3) "GOR" means gross overriding royalty
- (4) "ORR" means overriding royalty

This is Exhibit "F" referred to
in the Affidavit of Kinsley McWhinnie
Sworn before me this 11th day of February, 2016



A Commissioner for Oaths in and for Alberta

STEVEN G. BODI
A Commissioner for Oaths
in and for Alberta
Student-At-Law, Notary Public

DATED: as of December 15, 2006

FIXED AND FLOATING CHARGE

DEBENTURE

MADE BY

BUMPER DEVELOPMENT CORPORATION LTD.

IN FAVOUR OF

BANK OF MONTREAL

PRINCIPAL AMOUNT CDN. \$150,000,000

1. BUMPER DEVELOPMENT CORPORATION LTD., a corporation having its head office in the City of Calgary, in the Province of Alberta (hereinafter called the "Corporation"), for value received promises to pay to BANK OF MONTREAL (who and whose successors and assigns are hereinafter called the "Holder") ON DEMAND the sum of ONE HUNDRED FIFTY MILLION (\$150,000,000) DOLLARS in lawful money of Canada (hereinafter called the "Principal Sum") at 2200, 333 - 7th Avenue S.W., T2P 2Z1 at the City of Calgary, in the Province of Alberta, Canada or at such other place as the Holder may by notice designate, together with interest thereon after demand at the per annum rate of Prime plus five percent (5%) calculated, but not compounded, daily and payable monthly on the last Business Day of each calendar month not in advance, both before and after default, maturity and judgment and the Corporation further agrees to pay interest on all overdue interest calculated at the rate and in the manner determined as aforesaid both before and after default, maturity and judgment and which overdue interest shall be payable on demand. For purposes hereof, Prime shall mean the annual rate of interest established by Bank of Montreal from time to time as a reference rate then in effect for determining interest rates for Canadian dollar commercial loans made by the Bank of Montreal in Canada, which annual rate for purposes hereof shall change automatically with each change in the said reference rate without the need of any notice by the Holder to the Corporation or any other person. Interest accruing due hereunder shall be calculated daily in accordance with the "nominal rate" method of interest calculation on the basis of a 365 or 366 day year (as the case may be).

The taking of a judgment or judgments under any of the covenants herein contained shall not operate as a merger of the said covenants or affect the Holder's right to interest at the rate and times for said period.

2. In this Debenture, including any schedule hereto:

- (a) **"Business Day"** means any day of the week except Saturday, Sunday or any statutory holiday in Calgary, Alberta;
- (b) **"Contaminant"** includes, but is not limited to, any pollutants, noise, dangerous substances, liquid waste, industrial waste, hauled liquid waste, toxic substances, hazardous waste, hazardous materials, hazardous substances and contaminants, including any of the foregoing as defined in any Environmental Law now or hereafter in effect;
- (c) **"Credit Agreement"** means the agreement or agreements from time to time setting forth the terms and conditions under which the Holder provides credit accommodations to the Corporation and which on the date hereof is constituted by the letter loan agreement between the Corporation and the Bank dated as of December 15, 2006, and hereafter as such letter loan agreement may be amended, supplemented, amended and restated, substituted or replaced from time to time.
- (d) **"Debenture"** means this debenture, as amended, modified or supplemented from time to time, including all Schedules hereto and the terms **"Section"**, **"subsection"**, **"paragraph"** and **"Schedule"** followed by a letter or number mean and refer to the specified section, subsection, paragraph or Schedule of or to this Debenture;
- (e) **"Environmental Activity"** means any past, present or future activity, event or circumstance in respect of a Contaminant, including, without limitation, its storage, use, holding, collection, purchase, accumulation, assessment, generation, manufacture, construction, processing, treatment, stabilization, disposition, handling or transportation, or its Release into the natural environment, including the movement through or in the air, soil, surface water or ground water;

- (f) **"Environmental Law"** means, in relation to any person, transaction or event, all applicable provisions, whether now or hereafter in effect, of the common law or of any international, federal, provincial, state, municipal or local laws, statutes, regulations, rules, treaties, orders, judgments, decrees, ordinances, official directives and all authorizations, relating to the environment, occupational health or safety or any Environmental Activity;
- (g) **"Indebtedness"** means the Principal Sum, interest thereon as provided in Section 1 above and all other amounts from time to time payable by the Corporation hereunder;
- (h) **"Lands"** means:
- (i) the lands described in Schedule "A" hereto (including all stratigraphic formations from surface to basement unless otherwise specified), and includes all Petroleum Substances from time to time situated within or forming part of such lands, and any other lands with which the same may from time to time be pooled or unitized; and
 - (ii) the lands (if any) described in Schedule "B" hereto;
- (i) **"Leases"** means collectively the various leases, reservations, permits, licenses and similar documents of title by virtue of which the holder thereof is entitled to explore for, drill for, recover, remove or dispose of Petroleum Substances from time to time situated within or forming part of the Lands, including, without limitation, any leases, licenses and other documents of title described in Schedule "A" hereto, and all renewals, replacements and extensions thereof;
- (j) **"Miscellaneous Interests"** means all of the interests of the Corporation (other than P&NG Interests and Tangibles Interests), whether now owned or hereafter acquired, in all existing and future property, assets and rights now or hereafter relating to any of the P&NG Interests or Tangibles Interests, including, without limitation, all of the interests of the Corporation, whether now owned or hereafter acquired, in all existing and future:
- (i) contracts, agreements, arrangements and documents (including, without limitation, production sales contracts, pooling agreements, unit agreements, unit operating agreements, agreements for construction, ownership or operation of facilities and contracts and arrangements for the transportation of Petroleum Substances) now or hereafter relating to any of the P&NG Interests, Tangibles Interests or rights in relation thereto;
 - (ii) rights to enter upon, use or occupy the surface of any of the Lands, of any lands upon which any of the Tangibles are now or hereafter situate, or of any lands now or hereafter to be traversed in order to gain access to any of the Lands or Tangibles;
 - (iii) well, pipeline and other permits, licences and authorizations now or hereafter relating to any of the P&NG Interests or Tangibles Interests;
 - (iv) Petroleum Substances from time to time produced from any of the Lands and allocable to any of the P&NG Interests (but not beyond the point of delivery to the purchaser thereof);
 - (v) books, records, documents, maps and files, and engineering and other reports, studies and data, now or hereafter relating to any of the P&NG Interests; and

- (vi) all extensions, renewals, replacements or amendments of or to the foregoing items described in paragraphs i. to v. above;

(k) **"Mortgaged Property"** means the whole, or such part as is specified, of the property, assets, rights or undertaking of the Corporation from time to time subjected or intended to be subjected to any Security Interests hereunder or as contemplated hereby, including the specifically mortgaged property;

(l) **"Permitted Encumbrances"** means:

- (i) easements, rights of way, servitudes and similar rights in land, including rights of way and servitudes for highway and other roads, railways, sewers, drains, gas and oil pipelines, gas and water mains, electric light, power, telephone, telegraph or cable television conduits, poles, wires and cables;
- (ii) the right reserved to or vested in any government or other public authority by the terms of any lease, licence, franchise, grant or permit forming part of the Mortgaged Property, or by any statutory provision, to terminate any such lease, licence, franchise, grant or permit, or to require annual or other periodic payments as a condition of the continuance thereof;
- (iii) security interests created to secure a purchase money obligation for the purchase of personal property provided that the property subject to that security interest is limited to personal property in respect of which the purchase money obligation was incurred, the amount secured does not exceed 100% of the actual purchase price or cost and such security interest is only granted concurrently with the incurrence of such indebtedness on an arms' length basis;
- (iv) the reservations, limitations, provisos and conditions in any original grant from the Crown of any of the Lands or interests therein, and statutory exceptions of title;
- (v) security interests for taxes, assessments or governmental charges which are not due (or if due or delinquent, are being diligently contested by the Corporation by appropriate proceedings);
- (vi) security interests incurred or created in favour of a person conducting the development or operation of any of the Mortgaged Property, as security for the Corporation's share of the costs and expenses of such development or operation, but only insofar as such security interests relate to costs and expenses for which payment is not past due (or if past due or delinquent are being diligently contested by the Corporation by appropriate proceedings);
- (vii) mechanics', builders' or materialmen's liens in respect of services rendered or goods supplied, but only insofar as such liens relate to goods and services for which payment is not past due (or if past due or delinquent, are being diligently contested by the Corporation by appropriate proceedings);
- (viii) provisions for penalties and forfeitures under agreements as a consequence of non-participation in operations if such provisions do not materially detract from the value of any material part of the property of the Corporation;

- (ix) security interests granted in the ordinary course of business to a public utility or governmental authority where required by such utility or authority in connection with operations relating to the Mortgaged Property provided that such security does not adversely affect the value of the Mortgaged Property or any part thereof in any material way;
- (x) security interests on Petroleum Substances or the proceeds of sale of Petroleum Substances arising or granted by the Corporation in the ordinary course of business pursuant to a processing, transportation or transmission arrangement entered into by the Corporation in the ordinary course of business securing the payment of the fees, costs and expenses attributable to such processing, transportation or transmission of any such Petroleum Substances, but only insofar as such security interests relate to obligations which at such time are not past due (or if past due or delinquent, are being diligently contested by the Corporation by appropriate proceedings);
- (xi) any security interest which is expressly subordinated and postponed to the rights and security interest of the Holder on terms and conditions acceptable to the Holder;
- (xii) security interests on the property of the Corporation and its Subsidiaries which are not otherwise permitted above if the indebtedness, liabilities or other obligations secured are incurred in the ordinary course of business and in any event the aggregate amount of such indebtedness, liabilities or other obligations so incurred and secured by such security interests are not at any time in the aggregate in excess of \$2,000,000; and
- (xiii) any other security interests or encumbrances which the Holder agrees in writing shall be permitted;

provided that in each case where the Corporation is contesting any obligations, taxes, assessments, costs, expenses, claims or other amounts as specifically contemplated in the paragraphs above, the aggregate amount of the obligations, taxes, assessments, costs, expenses, claims or other amounts secured by all such security interests, when taken together with the amount of any security interest pursuant to paragraph xii above, does not from time to time exceed in the aggregate \$2,000,000;

- (m) **"P&NG Interests"** means all of the right, title, estate and interest, whether contingent or absolute, legal or beneficial, present or future, vested or not, and whether or not an interest in land, of the Corporation, in and to any of the following:
 - (i) the interest of the Corporation in respect of the Leases and the Lands;
 - (ii) rights to explore for, drill for and produce, take, save or market Petroleum Substances within, upon, under or in relation to the Leases or the Lands;
 - (iii) rights to a share of the production of Petroleum Substances from the Leases or the Lands;
 - (iv) rights to a share of the proceeds of, or to receive payments calculated by reference to the quantity or value of, the production of Petroleum Substances from the Leases or Lands, other than rights under agreements for the sale of Petroleum Substances from the Leases or the Lands;
 - (v) rights to acquire any of the rights described in paragraphs i. through iv. above; and

(vi) all extensions, renewals, replacements or amendments of or to the foregoing items;

and includes interests and rights known as a working interest, royalty interest, overriding royalty interest, ~~gross overriding royalty interest, production payments, profits interest, net profits interest,~~ revenue interest, net revenue interest and other interests and fractional or undivided interest in any of the foregoing;

- (n) **"Person"** means any individual, firm, partnership, company, corporation or other body corporate, government, governmental body, agency, instrumentality, unincorporated body of persons or association;
- (o) **"Petroleum Substances"** means petroleum, natural gas, crude bitumen and related hydrocarbons, and any other substances, whether gaseous, liquid or solid, and whether hydrocarbons or not, which might be produced in association therewith, or any of them, or any constituent of any of them;
- (p) **"receiver"** as used in this Debenture includes a receiver, manager or a receiver and manager;
- (q) **"Release"** includes a discharge, spray, injection, inoculation, abandonment, deposit, spill, leak, escape, leaching, dispersal, release, migration, seepage, emission, or exhaust which might occur in any manner whatsoever;
- (r) **"Security Interests"** means the mortgages, charges and security interests provided in subsection 4(a) hereof and all of the other rights and interests now or from time to time hereafter granted to or vested in the Holder pursuant to the provisions of this Debenture;
- (s) **"Subsidiary"** means:
 - (i) a Person of which another Person alone or in conjunction with its other Subsidiaries owns an aggregate number of the Voting Shares sufficient to enable the election of a majority of the directors (or other persons performing similar functions) regardless of the manner in which other Voting Shares are voted;
 - (ii) a Person of which another Person alone or in conjunction with its other Subsidiaries has, through the operation of any agreement or otherwise, the ability to elect or cause the election of a majority of the directors (or other persons performing similar functions) or otherwise exercise control over the management and policies of such Person; and
 - (iii) any partnership, trust or joint venture of which the Person:
 - (A) is a general or managing partner, or
 - (B) directly or indirectly, owns more than 50% of the equity or beneficial interest thereof,

and shall include any Person in like relation to a Subsidiary;

- (t) **"Tangibles"** means all existing and future:

- (i) producing, shut-in, injection, disposal and other wells now or hereafter used, or expected or intended to be used, in connection with the production of Petroleum Substances from any of the Lands; and
- (ii) separators, dehydrators, tanks, flow-lines, gathering systems, batteries, meter stations, gas plants, pipelines, compressors, enhanced recovery systems and similar facilities and structures used in connection with production, gathering, treatment, storage, processing, compression, transportation, injection, removal or other operations relating to any of the P&NG Interests, Leases or Lands, or to any Petroleum Substances produced therefrom or allocable thereto,

together with all existing and future equipment, machinery, apparatus, materials and other tangible property, assets and goods which may now or hereafter be located at the site of any such wells, facilities or structures and form part of, be appurtenant to or otherwise be used on connection with such wells, facilities or structures;

- (u) **"Tangibles Interests"** means all of the interests of the Corporation, whether now owned or hereafter acquired, in all existing and future Tangibles and, without limiting the generality of the foregoing, includes the Tangibles, if any, described in Schedule "B" hereto;
- (v) **"Voting Shares"** means
 - (i) share capital of any class of any corporation or securities of any other Person which carry voting rights to elect the board of directors or other body exercising similar functions under any circumstances, but shares or other securities which carry the right to so vote conditionally upon the happening of an event shall not be considered Voting Shares until the occurrence of such event; and
 - (ii) an interest in a general partnership, limited partnership, trust, joint venture or similar Person which entitles the holder of such interest to receive a share of the profits, or on dissolution or partition, of the assets, of such Person;

In this Debenture, including any schedule hereto, unless otherwise expressly stated:

- (w) references to **"applicable laws and governmental directives"** are intended to encompass, without limitation, the provisions of all:
 - (i) federal and provincial statutes, regulations and rules, and municipal laws and by-laws;
 - (ii) orders, directives, licences, permits and authorizations of governmental agencies and bodies, whether legislative, executive or administrative;
 - (iii) principles of law and rules of equity; and
 - (iv) judgments, orders, awards and directives of courts, commissions and similar bodies;

applicable to either the Corporation or the Mortgaged Property or any part thereof, and references to **"any applicable law or governmental directive"** are references to any of such applicable laws and governmental directives;

- (x) references to "**herein**", "**hereby**", "**hereunder**", "**hereof**" and similar expressions are references to this Debenture and not to any particular section, subsection or schedule;
- (y) ~~words importing the singular shall include the plural and vice versa, words importing gender shall~~ include the masculine, feminine and neuter genders, and references to a "**person**" or "**persons**" shall include individuals, corporations, partnerships, associations, bodies politic and other entities, all as may be applicable in the context;
- (z) words and phrases which are not defined herein but which have a generally accepted meaning in the custom and usage of the oil and gas industry in Western Canada as at the date hereof shall be given such generally accepted meaning; and
- (aa) time shall be of the essence.

The following schedules are attached to and form part of this Agreement:

- i. Schedule "A" - Lands, Leases, P&NG Interests
- ii. Schedule "B" - Certain Tangibles Interests and Lands on which certain of those interests are located

3. Neither the granting of this Debenture nor any proceeding taken hereunder or with respect hereto or under any securities or evidences of securities taken by the Holder, nor any judgment obtained in such proceedings, shall operate as a merger of the Indebtedness or of any simple contract debt or in any way suspend payment of, affect or prejudice the rights, remedies or powers, legal or equitable, which the Holder may hold in connection with the Indebtedness and any securities which may be taken by the Holder in addition to, by way of renewal of, or in substitution for any present or future bill, promissory note, obligation or security evidencing the Indebtedness or a part thereof, or be deemed a payment or satisfaction of the Indebtedness or any part thereof or merge therein and any right reserved to the Holder under any document may be exercised by the Holder concurrently or consecutively with or to any other rights reserved to it.

4.

- (a) As security for the due payment and performance of the Indebtedness, including without limitation the due payment of the Principal Sum, interest thereon and all other monies from time to time owing hereunder or in respect hereof, and as security for the due performance of the obligations of the Corporation hereunder, the Corporation hereby mortgages, charges and grants:
 - (i) as and by way of a first fixed and specific mortgage, charge and security interest, to and in favour of the Holder on all of the Corporation's right, title, estate and interest, whether freehold, leasehold or other, and whether now owned or hereafter acquired, in, to, under and in respect of the P&NG Interests, the Tangibles Interests and the Miscellaneous Interests (collectively the "**Specifically Mortgaged Premises**");
 - (ii) as and by way of a first floating mortgage and charge, to and in favour of the Holder on all of the Corporation's undertaking, property and assets (not validly subjected to the fixed and specific mortgage, charge and security interest pursuant to subsection 4(a)(i) above) for the time being, both present and future of whatsoever nature and kind and wheresoever situated; and

- (iii) a first security interest in all present and after-acquired personal property of the Corporation.

(all of which, together with the Specifically Mortgaged Premises, are hereinafter collectively referred to as the "**Mortgaged Property**");

to have and to hold the same for the uses and purposes, with the rights, powers and authorities, and on the terms and conditions herein provided;

provided that the first floating charge hereby created shall not prevent the Corporation from selling, assigning, leasing or otherwise disposing or dealing with the Mortgaged Property in the ordinary course of its business and for the purpose of carrying on same, other than (i) the Specifically Mortgaged Premises and (ii) as prohibited pursuant to the last paragraph of this section 4(a);

PROVIDED FURTHER HOWEVER that the Corporation shall not, without the prior written consent of the Holder, grant, incur, assume or permit to exist any mortgage, pledge, hypothecation, lien, charge, encumbrance, assignment, security interest or any other security (other than Permitted Encumbrances) upon the Mortgaged Property or any part thereof, nor sell, transfer or assign any of the Specifically Mortgaged Premises other than as permitted by Section 5 hereof, except as consented or agreed to by the Holder in writing.

- (b) The last day of any term of years (or any extension or renewal of any such term, as the case may be) granted by any lease, sublease or profit à prendre, or any agreement therefor, whether oral or written, and whether now held or hereafter acquired, is expressly excepted from the Security Interests, and does not and shall not form part of the Mortgaged Property, but the Corporation shall, so long as any such lease, sublease, profit à prendre or agreement forms part of the Mortgaged Property, stand possessed of the reversion remaining in the Corporation in respect thereof upon trust to assign and dispose of the same as the Holder may direct.
- (c) The Security Interests shall be effective and binding in all respects from the time of execution and delivery hereof, and shall from that time constitute general and continuing security for the due payment of the Indebtedness, and for the due performance of the obligations of the Corporation hereunder, until such time as these presents and the Security Interests terminate in accordance with the provisions of Section 17 hereof.
- (d) To the extent that the validity or effectiveness of the grant or creation of any of the Security Interests is, with respect to any property or asset intended to be subject to such Security Interests, necessarily dependent upon obtaining any consent, waiver or other approval of any arm's length third party, such Security Interests shall, with respect to such property or assets only, not be effective as against such third party until the requisite consent, waiver or other approval so required shall have been so obtained. The Corporation shall use its best efforts to obtain the same as expeditiously as practicable, and shall stand possessed of such property or asset upon trust for the purposes and subject to the terms hereof to assign and dispose thereof as the Holder shall for such purposes direct.
- (e) The Security Interests shall attach to Mortgaged Property acquired by the Corporation after the date hereof at the same time as such Mortgaged Property is acquired by the Corporation, and, without limiting the generality of the provisions of Section 11 hereof, the Corporation shall from time to time, at the request and cost of the Holder, execute and deliver all such agreements, supplemental debentures and other documents and instruments as may reasonably be requested by

the Holder to confirm or perfect the Security Interests insofar as they relate to any such after-acquired Mortgaged Property.

5. ~~Notwithstanding the provisions of subsection 4(a) hereof, unless and until the Holder~~ shall have become entitled to, and shall have elected to, exercise any of the rights, powers and remedies available to it under Section 10 hereof, or any right of realization in respect of the Specifically Mortgaged Premises which may otherwise be available to it under or in respect of this Debenture, the Corporation shall be permitted in respect of the Specifically Mortgaged Premises:

- (a) to continue to retain possession of the Specifically Mortgaged Premises and to operate, manage, develop, use and enjoy the same in accordance with and subject to the provisions of this Debenture and all applicable laws and governmental directives;
- (b) to sell or contract for the sale in the ordinary course of business of Petroleum Substances forming part of the Specifically Mortgaged Premises, to the extent not otherwise prohibited pursuant to the Credit Agreement;
- (c) to sell or enter into agreements to sell any of same to the extent from time to time not prohibited pursuant to the Credit Agreement;
- (d) to commit all or any part of the P&NG Interests therein to an arrangement for the pooling or unitization of all or any part of the Lands relating thereto with any other lands, provided that:
 - (i) the basis for such pooling or unitization, the manner of allocating pooled or unitized production among the several tracts of pooled or unitized lands, and the terms of any pooling agreement, unit agreement or other governing agreement, shall be in keeping with good industry practice, shall not involve a cross-conveyance or other disposition of in rem interests in P&NG Interests, and shall be fair and reasonable on an arm's length basis; and
 - (ii) all rights and interests acquired or retained by the Corporation in connection with any such scheme shall become or remain subject to the Security Interests;
- (e) to abandon any well which in the Corporation's reasonable opinion has ceased to be capable of producing Petroleum Substances in paying quantities, and which in the Corporation's reasonable opinion does not have any other valuable use in connection with operations relating to the Specifically Mortgaged Premises;
- (f) to surrender or permit to expire any P&NG Interests therein to which, in the Corporation's reasonable opinion, no reserves of Petroleum Substances having any material economic value are attributable;
- (g) to elect not to participate in any drilling, completion, equipping, construction or other operation relating to the Specifically Mortgaged Premises and proposed by a person dealing at arm's length with the Corporation, notwithstanding that such election may result in the imposition of a penalty or the forfeiture of certain of the Specifically Mortgaged Premises, provided that such election is in keeping with good industry practice and is made on the basis that participation in the particular operation is not in the Corporation's reasonable opinion economically justifiable having regard to the probable costs, risks and results of the operation;

- (h) to commingle Petroleum Substances forming part of the Specifically Mortgaged Premises with other Petroleum Substances for purposes of gathering, treating, storing, compressing or transporting the same, provided that such commingling is in keeping with good industry practice;
- (i) to sell, trade, abandon or otherwise dispose of any tools, implements, appliances, equipment, machinery, facilities or like items which, in the reasonable opinion of the Corporation, may have become worn out, unserviceable, obsolete, unsuitable or unnecessary in operations or activities relating to the Specifically Mortgaged Premises, provided that such sale, trade, abandonment or other disposition is in keeping with good industry practice and all applicable laws and governmental directives; and
- (j) to create or suffer to exist Permitted Encumbrances;

provided, however, that the provisions of this Section 5 shall not be construed as derogating in any manner from the Security Interests granted to the Holder pursuant to subsection 4(a) hereof.

6. Neither the recognition of the existence of Permitted Encumbrances nor the allowance of the Corporation to create and suffer to exist Permitted Encumbrances shall be construed as an acknowledgment of the priority of any Permitted Encumbrances over the Security Interests or any of them.

7. Nothing contained in this Debenture shall be construed as rendering the Holder liable, either directly or indirectly, for any obligations of the Corporation under any applicable laws or governmental directives, or under any contracts, agreements, permits, leases, licenses or other documents or instruments interests in which form part of the Mortgaged Property.

8. Without in any manner derogating from the first fixed and specific nature of the mortgage, charge and security interest granted to the Holder pursuant to subsection 4(a)(i) hereof, the Corporation expressly acknowledges and agrees that the Holder has not by virtue of its acceptance of this Debenture and the Security Interests assumed care and control of, or any responsibility for, the Mortgaged Property or any part thereof, and that the Corporation remains fully responsible for ensuring that the Mortgaged Property is operated, managed and maintained in a proper and prudent manner, in accordance with good industry practice, and in accordance with all applicable laws and governmental directives (including, without limitation, those relating to environmental matters), and the Corporation shall indemnify and save the Holder harmless against and from any and all losses, costs (including, without limitation, legal costs on a solicitor/client basis), damages, liabilities, claims, fines, judgments, expenses and sanctions of any nature suffered or incurred by the Holder arising out of or with respect to:

- (a) any failure on the part of the Corporation or any other person or entity dealing with the Mortgaged Property to observe and comply fully with all applicable laws and governmental directives, and with the lawful terms of all agreements, instruments and arrangements forming part of or relating to the Mortgaged Property, or by which the Corporation is otherwise bound, and which the Holder suffers or incurs as a result of being the holder of the Security Interests and related rights hereunder;
- (b) the Release of any Contaminant, the threat of Release of any Contaminant, or the presence of any Contaminant affecting the Mortgaged Property, whether or not the same originates or emanates from the Mortgaged Property or any contiguous real property;
- (c) any costs of removal or remedial action imposed by any person or damages from, injury to, destruction of or loss to the Mortgaged Property or any contiguous real property, including

reasonable costs of assessing such injury, destruction or loss incurred pursuant to any Environmental Law;

- ~~(d) any non-compliance by the Corporation or any predecessor in title to the Mortgaged Property under any applicable Environmental Law with respect to the Mortgaged Property;~~
- (e) any step taken by any person or entity to enforce compliance with or to collect or impose penalties, fines, or other sanctions provided by any Environmental Law with respect to the Mortgaged Property;
- (f) liability for personal injury or property damages arising under any statutory or common law tort theory, including, without limitation, third party, consequential and indirect damages and damages assessed for the maintenance of a public or private nuisance or for the carrying on of a dangerous activity at or near any Mortgaged Property;
- (g) all environmental, health, reclamation and cleanup costs and obligations associated with or pertaining to the abandonment or reclamation of the Mortgaged Property, including any facilities, buildings, fixtures or equipment located thereon; and
- (h) any obligation or liability arising directly or indirectly from the provision by the Holder directly or indirectly of any funds to the Corporation as a result of which any contingent exposure to any of the foregoing liabilities listed in paragraphs a. through g. above may arise, or as a result of taking or being granted any Security Interests or effecting any realization of, against or upon the Holder or any of the Mortgaged Property. This indemnity shall survive repayment or cancellation of the Indebtedness and the discharge or release of any Security Interests provided hereunder or otherwise.

9. If the Corporation fails to perform any covenant of this Debenture, the Holder may, in its discretion, perform the covenant and, if any covenant requires the expenditure of money, it may make those expenditures with its own funds, or with money borrowed by or advanced to it for that purpose, but shall be under no obligation to do so; and all sums so expended or advanced shall be payable by the Corporation on demand and shall bear interest at the rate set forth in Section 1 hereof from the time of advancing until paid, and shall be deemed to be an addition to the Principal Sum outstanding having the benefit of the Security Interests hereby created in priority to the Indebtedness secured by this Debenture, but no such performance or payment shall be deemed to relieve the Corporation from any default hereunder, and, until such payment shall be made, amounts so owing shall be added to the Principal Sum hereby secured and shall be a charge upon the Mortgaged Property.

10. The Corporation further covenants that:

- (a) upon demand of the Holder without need for any further declaration, formality, notice or other communication, all of which are hereby expressly waived by the Corporation, the Corporation will pay to the Holder the Principal Sum together with all accrued but unpaid interest thereon and all other monies secured hereby;
- (b) in case the Corporation shall fail to pay any of such amounts upon demand, the Holder shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid, and may prosecute any such action or proceedings to judgment or final decree, and may enforce any such judgment or final decree against the Corporation or other obligor upon this Debenture and collect in the manner provided by law out of the property of the Corporation or other obligor upon this Debenture wherever situated the monies adjudged or

decreed to be payable. In addition the Holder shall be entitled to take, at its discretion, any one or more of the following actions:

- (i) by itself or by or with any officers, agents, attorneys or designates in that behalf, either with or without notice, enter into and take possession of all or any part of the Mortgaged Property, with full power to exclude the Corporation and its servants and agents therefrom, and, additionally, with full power and authority, but without obligation:
 - (A) to take any such actions as it may in its discretion consider necessary or desirable for purposes of maintaining, preserving or protecting the Mortgaged Property or any part thereof;
 - (B) to effect such replacements of and additions to the Mortgaged Property as it may in its discretion consider necessary or desirable;
 - (C) to satisfy or settle any charges on or claims against the Mortgaged Property ranking in priority to the Security Interests;
 - (D) to operate, use, produce and enjoy the Mortgaged Property or any part thereof, to exercise the rights and perform the obligations of the Corporation under contracts, agreements and arrangements forming part of or relating to the Mortgaged Property or any part thereof, and to sell or otherwise dispose of, upon such terms and for such price as it may in its discretion consider appropriate in the circumstances, all or any part of any Petroleum Substances or other marketable products produced from or allocated to the Mortgaged Property or any part thereof;
 - (E) to receive, to take actions for the collection of, and to give notifications of and receipts for, the rents, revenues, incomes, issues and profits generated by or attributable to the Mortgaged Property, to pay therefrom, at its discretion, any costs or expenses incurred in connection with the exercise of any of the rights, powers or remedies available to it under this Debenture or under any other right of realization it may have in respect of the Mortgaged Property, and to apply the balance thereof, if and when received, on account of Indebtedness;
 - (F) to enter into contracts and to otherwise undertake obligations on behalf of the Corporation for purposes of facilitating the exercise of any of the rights, powers or remedies available to it under this Debenture or under any right of realization it may have in respect of the Mortgaged Property;
 - (G) to borrow money in the Corporation's name or in its own name, or to advance its own monies, for purposes of facilitating the exercise of any of the rights, powers or remedies available to it under this Debenture or under any other right of realization it may have in respect of the Mortgaged Property, with all monies so borrowed to be repayable, together with interest thereon calculated and payable at the rate, in the manner and at the times provided in Section 1, by the Corporation without requirement of any request or demand therefor, and until repaid to be secured, together with said interest, by the Security Interests, in priority to all other sums secured thereby; and

- (H) in respect of the Mortgaged Property, without limitation, to perform generally the functions of a receiver;
-
- (ii) ~~subject to applicable law, either with or without entry and possession, sell the Mortgaged Property or any part thereof, either as a whole or in separate parcels, either for cash or upon credit, and either by private contract or at public auction or by public tender, all as the Holder may in its discretion consider appropriate in the circumstances, it being agreed that:~~
 - (A) any such sale may be made upon such terms and conditions, including, without limitation, terms and conditions as to price and payment, as the Holder may in its discretion consider appropriate in the circumstances;
 - (B) the Holder may, in its discretion, adjourn any such sale from time to time, or rescind or vary any contract for sale entered into pursuant hereto, and thereafter sell or re-sell on such new or amended terms and conditions as it may in its discretion consider appropriate in the circumstances; and
 - (C) any such sale shall be a perpetual bar at law and in equity against the Corporation, its successors and assigns and all other persons claiming any right or interest in the sold property by, through or under the Corporation, its successors or assigns;
- (c) in addition, in case the Corporation shall fail to pay upon demand as provided in subsection 10(a), the Holder may, in its discretion appoint a receiver of the Mortgaged Property or any part of parts thereof and of the rents, issues, profits, revenues and income thereof and upon any such appointment by the Holder the following provisions shall apply:
 - (i) the appointment of any receiver by the Holder hereunder shall be made in writing signed by the Holder and such writing shall be conclusive evidence for all purposes of such appointment. The Holder may from time to time in the same manner remove any receiver so appointed and appoint another in his stead. Notwithstanding anything to the contrary herein expressed or implied, in making any such appointment of a receiver hereunder, the Holder shall be deemed to be acting as the attorney for the Corporation and the Corporation does hereby irrevocably appoint the Holder as its attorney for that purpose;
 - (ii) the Holder, in its discretion, may appoint one or more receivers hereunder in respect of all or any part or parts of the Mortgaged Property, as may be designated in writing by the Holder when making any such appointment;
 - (iii) any such receiver shall have power:
 - (A) to take possession of, collect and to get in all or any part of the Mortgaged Property and for that purpose to take proceedings in the name of the Corporation or otherwise and to make any arrangement or compromise;
 - (B) to carry on or concur in carrying on all or any part of the business of the Corporation; and
 - (C) to sell or to concur in selling all or any part of the Mortgaged Property in such manner as may seem advisable to the receiver, and to effect such sale by

conveying the same in the name and on behalf of the Corporation or otherwise in respect thereof;

- (iv) every such receiver may, in the discretion of the Holder, be vested with all or any of the powers and discretions conferred on the Holder under this Debenture;
 - (v) the Holder may from time to time fix the reasonable remuneration of every such receiver and may direct the payment thereof (in priority to the Holder), out of the Mortgaged Property and the rents, profits, revenues and income therefrom or the proceeds thereof;
 - (vi) the Holder may from time to time require any receiver to give security for the performance of its duties as such receiver and may fix the nature and amount thereof, but the Holder shall not be bound to require any such security from the receiver;
 - (vii) every such receiver may, with the consent in writing of the Holder, borrow money for the purpose of maintaining, protecting or preserving the Mortgaged Property or any part thereof, or for the purpose of carrying on the business of the Corporation and any receiver may issue certificates (in this subsection called "**receiver's certificates**") for such sums as will, in the opinion of the Holder, be sufficient for obtaining security upon the Mortgaged Property or any part thereof for the amounts from time to time so required by the receiver, any such receiver's certificates may be payable either to order or to bearer and may be payable at such time or times and shall bear such interest as the Holder may approve, and the receiver may sell, pledge or otherwise dispose of the receiver's certificates in such manner and may pay such commission on the sale thereof as the Holder may consider reasonable, and the amounts from time to time payable by virtue of such receiver's certificates shall form a charge upon the Mortgaged Property in priority to the amounts then due to the Holder under this Debenture;
 - (viii) every such receiver shall, so far as concerns responsibility for his acts or omissions, be deemed to be the agent for the Corporation, and in no event the agent of the Holder. The Holder shall not, in making or consenting to such appointment, incur any liability to any receiver for his remuneration or otherwise howsoever be liable or responsible for the acts or omissions, including the negligence, misconduct or misfeasance, on the part of any such receiver;
 - (ix) except as may be otherwise directed in writing by the Holder, all monies from time to time received by such receiver shall be paid over to the Holder to be held by it as part of the Mortgaged Property; and
 - (x) the Holder may pay over to any receiver any monies constituting part of the Mortgaged Property to the extent that the same may be applied for the purposes hereof by such receiver, and the Holder may from time to time determine what funds the receiver shall be at liberty to keep on hand with a view to the performance of his duties hereunder as such receiver.
- (d) in addition, in case the Corporation shall fail to pay upon demand as provided in subsection 10(a), the Holder may in its discretion, in lieu of appointing a receiver as provided for in subsection 10(c) hereof, apply to any court or courts of competent jurisdiction for the appointment of one or more receivers of the Mortgaged Property and of the rents, issues, profits, revenues and income thereof, with such powers as the court or courts making such appointments

shall confer including, without limiting the generality thereof, all or any of the powers set forth in subsection 10(c) hereof;

- (e) ~~nothing done by the Holder or by any receiver or receivers in possession of the Mortgaged Property, shall render the Holder a mortgagee in possession or responsible as such, or in any way limit or curtail the remedies of the Holder as a mortgagee or creditor under any applicable law or statute.~~

The Corporation hereby irrevocably appoints the Holder to be its attorney (being a power coupled with an interest) for and in the name and on behalf of the Corporation to sign and execute any deeds, documents, transfers, conveyances, assignments, assurances and consents and to do all things which the Corporation is required to sign, execute and do hereunder if, following notice requesting that it do so, the Corporation has failed to do the same and generally to use the name of the Corporation, as applicable, in the exercise of all or any of the powers hereby conferred on the Holder, with full powers of substitution and revocation; granted, however, that such powers granted to the Holder as attorney of the Corporation may not be exercised by the Holder until the security hereof becomes enforceable.

11. The Corporation, at its cost and expense, will duly execute and deliver all such supplementary and corrective instruments and other documents and assurances as the Holder may reasonably require in order to render all of the Mortgaged Property now owned and hereafter acquired by the Corporation subject to the Security Interests hereof as the Holder may deem necessary or advisable for the perfection and protection of the Security Interests created or intended to be created hereby and the rights conferred or intended to be conferred upon the Holder under this Debenture.

12. Following failure to pay on demand as required by subsection 1010(a), the Corporation agrees to pay to the Holder forthwith upon demand all costs, charges and expenses of, or incurred in connection with, taking, recovering and keeping or attempting to procure possession of the Mortgaged Property or any part thereof; in protecting and defending the Mortgaged Property, and the proceeds thereof against any adverse claim or demand; in enforcing or attempting to enforce the personal remedies or any other remedies available hereunder; in collecting or attempting to collect any of the monies hereby secured; in realizing or attempting to realize in any foreclosure or other proceedings, judicial or otherwise, or in connection with any receivership; and if a solicitor is retained in connection with any of the foregoing, such solicitor's fees and disbursements shall be paid on a solicitor and his own client basis; and if any other professional person or firm is retained or employed such person's or firm's fees shall be paid on the basis of his or its normal professional charges.

13. No person dealing with the Holder or any receiver shall be concerned to enquire whether an event of default shall have occurred and be continuing, or whether the rights, powers or remedies which the Holder or receiver is purporting to exercise have become exercisable, or whether any monies remain owing hereunder, or as to the necessity or expediency of the stipulations and conditions subject to which any sale of Mortgaged Property may be made, or otherwise as to the propriety or regularity of any sale or of any other dealing by the Holder or receiver with the Mortgaged Property or any part thereof or to see to the application of any monies paid to the Holder or receiver, and, in the absence of fraud on the part of any such person, such dealing shall be deemed, so far as regards the safety and protection of such person, to be within the scope of the rights, powers and remedies hereby conferred, and to be valid and effectual accordingly.

14. The Corporation hereby irrevocably appoints the Holder and receiver jointly, and also severally, at any time after the security hereof becomes enforceable, the attorney and attorneys of the Corporation for the Corporation, in its name and on its behalf and as its agent, to execute and do or otherwise seal and deliver and otherwise perfect any deed, assurance, agreement, instrument or act which

may be required or may be deemed proper for any of the purposes aforesaid, and the Corporation hereby declares that as and when the security hereby constituted becomes enforceable, it will hold all its interest in the Mortgaged Property (subject to its right of redemption) upon trust to convey, assign or otherwise deal with the same in such manner and to such person as the Holder shall direct, and it further declares that it shall be lawful for the Holder by an instrument in writing to appoint a new trustee or new trustees of the said property and in particular at any time or times to appoint a new trustee or new trustees thereof in place of it as if it desired to be discharged from the trust, or in the place of any trustee or trustees appointed under this power, as if he were or they were dead.

15. The Holder shall have the following powers, in addition to any other powers given to it, namely:

- (a) power to release any property of the Corporation from the charge created by this Debenture;
- (b) power to agree to any modification, compromise, release or waiver of the rights of the Holder of this Debenture against the Corporation or against the Mortgaged Property, whether such rights shall arise under this Debenture or otherwise; and
- (c) power to agree to accept any other properties or securities as security for the Indebtedness secured hereby instead of the Mortgaged Property.

16. The Holder shall not be liable to the Corporation for any loss or damage suffered or incurred by the Corporation in connection with the exercise by or on behalf of the Holder of any of the rights, powers or remedies available to the Holder under or in respect of this Debenture, except to the extent that such loss or damage is caused by the gross negligence or wilful misconduct of the Holder or its servants or agents.

17. Upon permanent repayment by the Corporation to the Holder of the Indebtedness secured by this Debenture, the Holder shall, upon the written request of the Corporation, deliver up this Debenture to the Corporation or as it may order and shall, at the expense of the Corporation, release and discharge the security hereby constituted and execute and deliver to the Corporation such deeds and other documents as shall be requisite to release and discharge this Debenture and the security afforded hereby; provided, however, that this Debenture shall not be deemed to have been discharged or redeemed by reason of the account of the Corporation having ceased to be in debit balance. No postponement or partial release or discharge of the mortgage, lien and charge created under and secured by this Debenture in respect of all or any part of the Mortgaged Property shall in any way operate or be construed so as to release and discharge the security hereby constituted in respect of the Mortgaged Property except as therein specifically provided, or so as to release or discharge the Corporation from its liability to the Holder to fully pay and satisfy any Indebtedness due or remaining unpaid by the Corporation to the Holder.

18. No remedy herein conferred upon or reserved to the Holder hereof is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative, and shall be in addition to every other remedy given hereunder or now existing or hereafter to exist by law or by statute.

19. The taking of any action or proceedings or refraining from so doing, or any other dealing with any other security for the monies secured hereby shall not release or affect the charge of this Debenture and the taking of the security hereby granted or any proceedings hereunder for the realization of the security hereby granted shall not release or affect any other security held by the Holder for the monies hereby secured. Further, and without limiting the generality of the foregoing, neither the taking of any judgment nor the exercise of any power of seizure or sale shall operate to extinguish the obligation of

the Corporation to pay the Principal Sum, interest and any other monies owing under this Debenture and shall not operate as a merger of any covenant in this Debenture, and the acceptance of any payment or alternate security shall not constitute or create a novation, and the taking of a judgment or judgments ~~under a covenant herein contained shall not operate as a merger of that covenant or affect the Holder's right to interest under this Debenture.~~

20. If any covenant or provision herein or any portion thereof is determined to be void, unenforceable or prohibited by the law of any province or the local requirements of any provincial or federal governmental authority such shall not be deemed to affect or impair the validity of any other covenant or provision herein or portion thereof, as the case may be, nor the validity of such covenant or provision or portion thereof, as the case may be, in any other jurisdiction.

21. Neither the execution and delivery nor the registration of this Debenture shall for any reason whatsoever obligate or bind the Holder to advance any moneys, or having advanced a portion obligate the Holder in any way to advance the balance thereof; but the lien and charge created and secured hereby shall take effect forthwith upon execution of this Debenture and shall operate as security for the actual amount of all Indebtedness at any time owing by the Corporation to the Holder.

22. Except as expressly provided herein, the obligations of the Corporation hereunder shall be absolute and unconditional, shall not be subject to any counterclaim, set off, deduction or defense based on any claim the Corporation may have against the Holder and shall remain in full force and effect without regard to, and shall not be released, suspended, abated, deferred, reduced, discharged, terminated or otherwise affected by any circumstances or occurrence whatsoever and the claim of the Holder hereunder shall be primary and shall not be subordinate to any other claim of whatsoever kind or nature and shall not be postponed to any other claim of whatsoever kind or nature.

23. The security hereby constituted is in addition to, and not in substitution for, any other security now or hereafter held by the Holder and no payment to the Holder shall constitute payment on account of the Principal Sum, interest or other monies from time to time owing hereunder unless specifically so appropriated in writing by the Holder. All payments, proceeds or other amounts made to or received by the Holder hereunder may be applied to the Indebtedness in such order as the Holder may think fit, or may be held by the Holder in a collateral account, unappropriated, if the Holder considers it necessary or advisable to do so.

24. This Debenture shall be deemed to have been made and shall be construed in accordance with the laws of the Province of Alberta and the laws of Canada applicable therein and shall be treated in all respects as an Alberta contract. The Corporation hereby irrevocably submits and attorns to the non-exclusive jurisdiction of the courts of the Province of Alberta for all matters arising out of or relating to this Debenture, or any of the transactions contemplated hereby, without prejudice to the rights of the Holder to take proceedings in any other jurisdictions in which any Mortgaged Property may be situate. The Corporation hereby irrevocably appoints the President of the Corporation at the address set forth for the giving of notice to the Corporation in Section 25 as its agent to receive on behalf of the Corporation and its property service of copies of any summons, complaint, or other process which may be served in any action of proceeding. Such service may be made by mailing, telefax, or may be delivered by hand.

Nothing in this Section 24 shall affect the right of the Holder to serve legal process in any other manner permitted by law or to bring any action or proceeding against the Corporation or its property in the courts of any other jurisdiction or jurisdictions and, to the extent that the Corporation has or hereafter may acquire any immunity from jurisdiction from any court or from any legal process (whether through service of notice, attachment prior to judgment, attachment in aid of execution or otherwise) with respect to itself or any of its properties, the Corporation hereby irrevocably waives such immunity.

The Corporation hereby agrees that a final judgment in any such action or proceeding which is no longer capable of appeal shall be conclusive and may be enforced in any other jurisdiction or jurisdictions by suit on the judgment or any other matter provided by law.

25. All notices, reports or other communications required or permitted by this Debenture must be in writing and either delivered by hand or by telecopy or telefax and is effective on actual receipt unless sent by telefax in which case it is effective on the business day next following the date of transmission, addressed to the relevant party, as follows:

The Corporation:

1501, 300 – 5th Avenue S.W.
Calgary, Alberta

By Telefax: (403) 265-8155
Attention: President

and

The Holder:

2200, 333 - 7th Avenue S.W.
Calgary, Alberta
T2P 2Z1

By Telefax: (403) 515-3650
Attention: Director

or the last address or telefax number of the party concerned, notice of which was given in accordance with this paragraph.

26. At the option of the Holder, a carbon, photographic or other reproduction of this Debenture or of a financing statement covering the Mortgaged Property or any part hereof shall be sufficient as a financing statement and may be filed as a financing statement. The Corporation acknowledges receipt of a copy of this Debenture and waives receipt of a copy of any financing statement or financing change statement registered by the Holder and any confirmation of registration.

27. The Corporation acknowledges and agrees that in the event it amalgamates with any other corporation or corporations it is the intention of the parties hereto that the term "Corporation" when used herein shall apply to each of the amalgamating corporations and to the amalgamated corporation, such that the Security Interests granted hereby:

- (a) shall extend to assets, rights and property owned by each of the amalgamating corporations and the amalgamated corporation at the time of amalgamation and to any assets, rights and property thereafter owned or acquired by the amalgamated corporation; and
- (b) shall secure the obligations of each of the amalgamating corporations and the amalgamated corporation to the Holder at the time of amalgamation and any obligations of the amalgamated corporation to the Holder thereafter arising. The Security Interests shall attach to assets, rights and property owned by each corporation and amalgamating with the Corporation, and by the amalgamated corporation, at that time of amalgamation, and shall attach to any assets, rights and

property thereafter owned or required by the amalgamated corporation when such becomes owned or is acquired.

28. ~~The Corporation covenants and agrees with the Bank that:~~

- (a) the *Land Contracts (Actions) Act* of the Province of Saskatchewan shall have no application to any action as in such act defined, with respect to any mortgage, charge or security interest given by the Corporation under this Debenture;
- (b) the *Limitation of Civil Rights Act* of the Province of Saskatchewan shall have no application to:
 - (i) this Debenture;
 - (ii) any indenture, instrument or agreement entered into by the Corporation at any time hereafter, supplemental or ancillary to or in implementation of this Debenture and involving the payment by the Corporation of money, or the liability of the Corporation to payment;
 - (iii) any mortgage, charge or other security interest for the payment of money made, given or created by this Debenture or by any indenture, instrument or agreement referred to or mentioned in paragraph (b)(ii) above;
 - (iv) any instrument or agreement entered into by the Corporation at any time hereafter renewing or extending or collateral to this Debenture, renewing or extending or collateral to any indenture, instrument or agreement referred to or mentioned in paragraph (b)(ii) above, or renewing or extending or collateral to any mortgage, charge or other security referred to or mentioned in paragraph (b)(iii) above; or
 - (v) the rights, powers or remedies of the Bank under this Debenture or any mortgage, charge or other security interest, indenture, instrument or agreement referred to or mentioned in paragraphs (b)(i) to (b)(iv) above inclusive.

29. This Debenture is a composite mortgage and security agreement covering the Mortgaged Property of the Corporation located in various Provinces and Territories of Canada and, as to portions of the Mortgaged Property located in such separate jurisdictions, this Debenture shall be a separate mortgage and security agreement enforceable against the Corporation without regard to the application of this Debenture to portions of the Mortgaged Property located in other jurisdictions. All provisions hereof shall be applicable separately to the portions of the Mortgaged Property located in each separate jurisdiction with the same effect as if a separate mortgage and security agreement with respect thereto had been executed and delivered by the Corporation to the Holder. Upon the reasonable request of the Holder, the Corporation shall prepare, execute and deliver, at its expense, a separate mortgage and security agreement covering the portion of the Mortgaged Property located in any such jurisdiction or jurisdictions, such separate mortgage and security agreement to be substantially in the form hereof except for such modifications as shall be required by the fact that such mortgage and security agreement relates only to the property of the Corporation located in such jurisdiction or jurisdictions or as may be required by the Holder in connection therewith.

30. Any provision of this Debenture which is or becomes prohibited or unenforceable in any jurisdiction does not invalidate, affect or impair the remaining provisions hereof in such jurisdiction and any such prohibition or unenforceability in any jurisdiction does not invalidate or render unenforceable such provision in any other jurisdiction.

31. This Debenture and all its provisions shall enure to the benefit of the Holder, its successors and assigns and shall be binding upon the Corporation, its successors and assigns.

32. In the event there is a conflict or inconsistency between any provision hereof and any provision of the Credit Agreement, the provision of the Credit Agreement shall prevail to the extent of such conflict or inconsistency; provided, however, that no such conflict or inconsistency shall be determined to exist merely because this Debenture deals with any particular matter and the Credit Agreement does not, or vice-versa.


[Signatures Follow on Next Page]

IN WITNESS WHEREOF the Corporation has caused its corporate seal to be hereunto affixed and these presents to be signed by its proper officers duly authorized in that behalf as of the 15th day of December, 2006.

BUMPER DEVELOPMENT CORPORATION LTD.

Per:

Name:


James Keogh

Title:

V.P. Finance

**SCHEDULE "A" to Fixed and Floating Charge Debenture
made by BUMPER DEVELOPMENT CORPORATION LTD.**

in favour of BANK OF MONTREAL

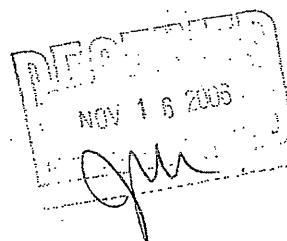
dated December 15, 2006

Description of Leases and Lands

For the purposes of this Schedule "A", initial capitalized terms, unless otherwise defined herein, shall have the meanings provided in the Debenture to which the Schedule "A" is attached.

BUMPER DEVELOPMENT CORP.**Mineral Property Report****Generated by SJohnson on November 14, 2006 at 12:48:39 pm.****Selection**

Admin Company:	BUMPER DEVELOPMENT CORP. LTD
Category:	M
Country:	
Province:	
Division:	
Area(s):	
Active / inactive:	Active
Status Types:	
Lease Types:	
Acreage Status:	
Expiry Period:	



CS*EXPLORER Version: 6.20.27

BUMPER DEVELOPMENT CORP.**Mineral Property Report****Print Options**

Acres / Hectares:	Acres	
Working Interest DOI:	No	
Other DOI:	No	
Related Contracts:	No	Related Units: No
Royalty Information:	No	
Well Information:	No	
Remarks:	No	
Acreage:		

Sort Options

Division:	No
Category:	No
Province:	No
Area:	No
Location:	Yes



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Report Date: Nov 14, 2006

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BUMPER DEVELOPMENT CORP. **Mineral Property Report**

** REPORTED IN ACRES **

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000493	PNG CR	Eff: Dec 13, 1984	640.000	Total Rental:	896.00		Area : MANNYBERRIES
Sub: A	0484120004	Exp: Dec 12, 1989	640.000				TWP. 3, RGE. 5, W4M: SEC. 32
A		Ext: 15	320.000				ALL PNG TO BASE BELLY RIVER
100.00000000	MB GAS INC.						
	MB GAS INC.						
	Status		Acres	Net		Acres	Net
001264	PNG CR	Eff: Apr 08, 2004	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	0404040016	Exp: Apr 07, 2009	640.000				TWP. 07, RGE. 09, W4M: SEC. 28
A			208.000				ALL PNG - ALL ZONES
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001266	PNG CR	Eff: May 06, 2004	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	0404050011	Exp: May 05, 2009	640.000				TWP. 07, RGE. 09, W4M: SEC. 33
A			208.000				ALL PNG - ALL ZONES
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001273	PNG CR	Eff: Sep 16, 2004	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	0404090402	Exp: Sep 15, 2009	640.000				TWP. 07, RGE. 09, W4M: SEC. 36
A			208.000				ALL PNG - ALL ZONES
100.00000000	ITERATION ENERG						
	ITERATION ENERG						

Report Date: Nov 14, 2006

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** REPORTED IN ACRES**

BUMPER DEVELOPMENT CORP. **Mineral Property Report**

File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001273							
Sub: A	Status		Acres	Net		Acres	Net
001172	PGL	CR	Eff: May 06, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	5399050001		Exp: May 05, 2006	640.000			TWP. 07, RGE. 10, W4M: SEC. 29
A			Ext: 17	208.000			ALL PNG FROM BASE BOW ISLAND SD
100.00000000	ITERATION ENERG		Ext: May 06, 2007				TO BASE MANNVILLE
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001144	PNG	CR	Eff: Oct 27, 1969	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	19499		Exp: Oct 26, 1979	640.000			TWP. 07, RGE. 10, W4M: 36
A			Ext: 15	104.000			ALL PNG TO BASE MANNVILLE
100.00000000	ITERATION ENERG						
	ENCANA RESOURCE						
	Status		Acres	Net		Acres	Net
001287	PNG	CR	Eff: Jan 13, 2005	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0405010010		Exp: Jan 12, 2010	640.000			TWP. 08, RGE. 08, W4M: SEC. 5
A				208.000			ALL PNG TO BASE SECOND WHITE
100.00000000	ITERATION ENERG						SPECKS
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net

Report Date: Nov 14, 2006

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** REPORTED IN ACRES**

BUMPER DEVELOPMENT CORP. Mineral Property Report

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Do! Partner(s)	*	*	Lease Description / Rights Held
001277	PNG	CR	Eff: Sep 30, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404090694	Exp: Sep 29, 2009	640.000				TWP. 08, RGE. 08, W4M: SEC. 6
A			208.000				ALL PNG TO BASE SECOND WHITE SPECKS
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001274	PNG	CR	Eff: Sep 16, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404090404	Exp: Sep 15, 2009	640.000				TWP. 08, RGE. 09, W4M: SEC. 1
A			208.000				ALL PNG - ALL ZONES
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001275	PNG	CR	Eff: Sep 16, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404090405	Exp: Sep 15, 2009	640.000				TWP. 08, RGE. 09, W4M: SEC. 2
A			208.000				ALL PNG - ALL ZONES
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001208	PNG	CR	Eff: Sep 07, 2000	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0400090008	Exp: Sep 06, 2005	640.000				TWP. 8, RGE. 9, W4M: SEC. 3
A		Ext: 15	104.000				ALL PNG TO BASE FISH
100.00000000	REGENT RESOURCE	Ext: Sep 07, 2005					SCALE-WESTGATE ZONE
	REGENT RESOURCE						

CS*EXPLORER Version: 6.20.27

Report Date: Nov 14, 2006

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** REPORTED IN ACRES**

BUMPER DEVELOPMENT CORP.
Mineral Property Report

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001208							
Sub: A	Status		Acres	Net		Acres	Net
001209	PNG	CR	Eff: Sep 07, 2000	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0400090009		Exp: Sep 06, 2005	640.000			TWP. 8, RGE. 9, W4M: SEC. 5
A			Ext: 15	104.000			ALL PNG TO BASE MANNVILLE ZONE
	REGENT RESOURCE						
100.00000000	REGENT RESOURCE						
	Status		Acres	Net		Acres	Net
001153	PNG	CR	Eff: Sep 29, 1969	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	19061-C		Exp: Sep 28, 1979	640.000			TWP. 8, RGE. 9, W4M: SEC. 6
A			Ext: 99-1A	104.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
001152	PNG	CR	Eff: Sep 29, 1969	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	19061-B		Exp: Sep 28, 1979	640.000			TWP. 8, RGE. 9, W4M: SEC. 7
A			Ext: 99-1A	208.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
001201	PNG	CR	Eff: Aug 21, 1997	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0497080200		Exp: Aug 20, 2002	640.000			TWP. 8, RGE. 9, W4M: SEC. 9
A			Ext: 15	208.000			ALL PNG TO BASE MANNVILLE
	ITERATION ENERG		Ext: Aug 21, 2002				
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001329	PNG	CR	Eff: Jun 29, 2006	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0406080711		Exp: Jun 28, 2011	640.000			TWP. 08, RGE. 09, W4M: SEC. 9
A				193.152			ALL PNG BELOW BASE MANNVILLE
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001270	PNG	CR	Eff: Jun 03, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404060015		Exp: Jun 02, 2009	640.000			TWP. 08, RGE. 09, W4M: SEC. 10
A				208.000			ALL PNG - ALL ZONES
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001340	PNG	CR	Eff: Aug 10, 2006	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0406080109		Exp: Aug 09, 2011	640.000			TWP. 8, RGE. 9, W4M: SEC. 11
A				193.152			ALL PNG - ALL ZONES
	PALLISER O & G						
100.00000000	PALLISER O & G						

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File Number	File Status	Mineral Int	Lse Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
(cont'd)											
001340	Sub: A		Status				Acres	Net		Acres	Net
001276	Sub: A		PNG	CR	0404090406	ITERATION ENERG	640.000	Total Rental:	896.00		Area : GRANLEA
	A					ITERATION ENERG	640.000				TWP. 08, RGE. 09, W4M: SEC. 12
		100.00000000					208.000				ALL PNG - ALL ZONES
			Status				Acres	Net		Acres	Net
001222	Sub: B		PNG	CR	0401080291	REGENT RESOURCE	640.000	Total Rental:	896.00		Area : GRANLEA
	A					REGENT RESOURCE	640.000				TWP. 8, RGE. 9, W4M: SEC. 13
		100.00000000					92.608				ALL PNG BELOW BASE MANNVILLE GROUP
			Status				Acres	Net		Acres	Net
001222	Sub: A		PNG	CR	0401080291	REGENT RESOURCE	1,920.000	Total Rental:	2688.00		Area : GRANLEA
	A					REGENT RESOURCE	1,920.000				TWP. 8, RGE. 9, W4M: SECS. 14, 24, 25
		100.00000000					277.824				ALL PNG - ALL ZONES
			Status				Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payer		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001225	PGL	CR	Eff: Jan 21, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	5399010035	Exp: Jan 20, 2006	640.000				TWP. 8, RGE. 9, W4M: SEC.
A		Ext: 15	208.000				16
100.00000000	ITERATION ENERG						ALL PNG TO BASE MANNVILLE
	HUSKY OIL OP.						EXCLUDING COAL BED GAS
	Status		Acres	Net		Acres	Net
001225	PGL	CR	Eff: Jan 21, 1999	1,280.000	Total Rental: 1792.00		Area : GRANLEA
Sub: C	5399010035	Exp: Jan 20, 2006	1,280.000				TWP. 8, RGE. 9, W4M: SECS.
A		Ext: 17	416.000				17, 18
100.00000000	ITERATION ENERG	Ext: Jan 21, 2007					ALL PNG TO BASE MANNVILLE
	HUSKY OIL OP.						EXCLUDING COAL BED GAS
	Status		Acres	Net		Acres	Net
001338	PNG	CR	Eff: Aug 24, 2006	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0406080395	Exp: Aug 23, 2011	640.000				TWP. 08, RGE. 09, W4M: SEC. 17
A			193.152				ALL PNG BELOW BASE MANNVILLE
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001339	PNG	CR	Eff: Aug 24, 2006	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0406080395	Exp: Aug 23, 2011	640.000				TWP. 08, RGE. 09, W4M: SEC. 18
A			193.152				ALL PNG BELOW BASE MANNVILLE
100.00000000	ITERATION ENERG						
	ITERATION ENERG						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001339							
Sub: A	Status		Acres	Net		Acres	Net
001225	PGL	CR	Eff: Jan 21, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: B	5399010035		Exp: Jan 20, 2006	640.000			TWP. 8, RGE. 9, W4M: SEC.
A			Ext: 15	208.000			19
100.00000000	ITERATION ENERG						ALL PNG TO BASE BOW ISLAND
	HUSKY OIL OP.						EXCLUDING COAL BED GAS
	Status		Acres	Net		Acres	Net
001225	PGL	CR	Eff: Jan 21, 1999	640.000	Total Rental: 0.00		Area : GRANLEA
Sub: D	5399010035		Exp: Jan 20, 2006	640.000			TWP. 8, RGE. 9, W4M: SEC.
A			Ext: 17	208.000			19
100.00000000	ITERATION ENERG		Ext: Jan 21, 2007				ALL PNG BELOW BASE BOW ISLAND
	HUSKY OIL OP.		Count Acreage = No				TO BASE MANNVILLE
	Status		Acres	Net		Acres	Net
001225	PGL	CR	Eff: Jan 21, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: E	5399010035		Exp: Jan 20, 2006	640.000			TWP. 8, RGE. 9, W4M: SEC. 20
A			Ext: 15	32.000			PNG TO BASE BOW ISLAND
100.00000000	ITERATION ENERG						EXCLUDING COAL BED GAS
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
001225	PGL CR	Eff: Jan 21, 1999	640.000	Total Rental:	0.00		Area : GRANLEA
Sub: F	5399010035	Exp: Jan 20, 2006	640.000				TWP. 8, RGE. 9, W4M: SEC. 20
A		Ext: 17	32.000				PNG BELOW BASE BOW ISLAND TO
	ITERATION ENERG	Ext: Jan 21, 2007					BASE MANNVILLE
100.00000000	HUSKY OIL OP.	Count Acreage = No					
	Status		Acres	Net		Acres	Net
001271	PNG CR	Eff: Sep 02, 2004	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	0404090015	Exp: Sep 01, 2009	640.000				TWP. 08, RGE. 09, W4M: SEC. 21
A			208.000				ALL PNG - ALL ZONES
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001137	PNG CR	Eff: Mar 23, 1972	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	27909	Exp: Mar 22, 1982	640.000				TWP. 08, RGE. 09, W4M: SEC. 22
A		Ext: 95	208.000				ALL PNG TO BASE MANNVILLE
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001224	PNG CR	Eff: Dec 16, 1995	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: B	0495120230	Exp: Dec 15, 2000	640.000				TWP. 8, RGE. 9, W4M: SEC. 23
A		Ext: 95	104.000				ALL PNG TO BASE MANNVILLE
	ITERATION ENERG	Ext: Dec 16, 2000					EXCLUDING COAL BED GAS
100.00000000	HUSKY OIL OP.						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(conf'd)							
001224							
Sub: B	Status		Acres	Net		Acres	Net
001167	PNG	CR	Eff: Dec 16, 1995	160.000	Total Rental: 224.00		Area : GRANLEA
Sub: A	0495120247		Exp: Dec 15, 2000	160.000			TWP. 08, RGE. 09 W4M: NE/4 26
A			Ext: 15	13.000			ALL PNG TO BASE MANNVILLE
	REGENT RESOURCE		Ext: Dec 16, 2000				
100.00000000	REGENT RESOURCE						
	Status		Acres	Net		Acres	Net
001168	PNG	FH	Eff: Oct 16, 1998	479.615	Total Rental: 480.00		Area : GRANLEA
Sub: A	CONOC CANADA RE		Exp: Oct 15, 1999	479.615			TWP. 08, RGE. 09 W4M: NW/4 &
A			Ext: HBP	38.969			S/2 26
	REGENT RESOURCE		Ext: Oct 16, 1999				ALL PNG TO BASE SUNBURST
100.00000000	REGENT RESOURCE						
	Status		Acres	Net		Acres	Net
001169	PNG	CR	Eff: Feb 04, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0499020012		Exp: Feb 03, 2004	640.000			TWP. 08, RGE. 09 W4M: SEC. 27
A			Ext: 15	52.000			ALL PNG TO BASE MANNVILLE
	REGENT RESOURCE						
100.00000000	REGENT RESOURCE						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001138	PNG	CR	Eff: Mar 23, 1972	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	27910		Exp: Mar 22, 1982	640.000			TWP. 08, RGE. 09, W4M: 28
A			Ext: 95	208.000			ALL PNG TO BASE MANNVILLE
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001138	PNG	CR	Eff: Mar 23, 1972	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: B	27910		Exp: Mar 22, 1982	640.000			TWP. 08, RGE. 09, W4M: 32
A			Ext: 95	208.000			ALL PNG TO BASE SAWTOOTH
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001170	PNG	CR	Eff: Feb 04, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0499020013		Exp: Feb 03, 2004	640.000			TWP. 08, RGE. 09 W4M: SEC. 34
A			Ext: 15	52.000			ALL PNG TO BASE MANNVILLE
100.00000000	REGENT RESOURCE						
	REGENT RESOURCE						
	Status		Acres	Net		Acres	Net
001224	PNG	CR	Eff: Dec 16, 1995	800.000	Total Rental: 1120.00		Area : GRANLEA
Sub: A	0495120230		Exp: Dec 15, 2000	800.000			TWP. 8, RGE. 9, W4M: SEC.
A			Ext: 95	260.000			NE/4 36
100.00000000	ITERATION ENERG						TWP. 9, RGE. 9, W4M: SEC.
	HUSKY OIL OP.						02
							ALL PNG TO BASE MANNVILLE EXLC.

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001224							
Sub: A	Status		Acres	Net		Acres	Net
							COAL BED GAS
001154	PNG	CR	Eff: Sep 29, 1969	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	19061-D		Exp: Sep 28, 1979	640.000			TWP. 8, RGE. 10, W4M: SEC. 1
A			Ext: 99-1A	104.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ZAPATA ENERGY						
	Status		Acres	Net		Acres	Net
001145	PNG	CR	Eff: Oct 27, 1969	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	19498		Exp: Oct 26, 1979	640.000			TWP. 08, RGE. 10, W4M: 2
A			Ext: 99-1A	104.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ENCANA RESOURCE						
	Status		Acres	Net		Acres	Net
001302	PNG	CR	Eff: Nov 03, 2005	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0405110027		Exp: Nov 02, 2010	640.000			TWP. 08, RGE. 10, W4M: SEC. 6
A				480.000			ALL PNG BELOW BASE SECOND WHITE SPECKS
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001178	PNG	CR	Eff: Jun 17, 1999	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0499060208		Exp: Jun 16, 2004	640.000			TWP. 08, RGE. 10, W4M: SEC. 09
A			Ext: 15	208.000			PNG TO BASE BOW ISLAND
	ITERATION ENERG		Ext: Jun 17, 2005				
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001141	PNG	CR	Eff: May 30, 1972	1,280.000	Total Rental: 1792.00		Area : GRANLEA
Sub: A	28544		Exp: May 29, 1982	1,280.000			TWP. 08, RGE. 10, W4M: 10, 11
A			Ext: 95-1	416.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001140	PNG	CR	Eff: May 30, 1972	1,280.000	Total Rental: 1792.00		Area : GRANLEA
Sub: A	28543		Exp: May 29, 1982	1,280.000			TWP. 08, RGE. 10, W4M: 12, 25
A			Ext: 15	416.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG		Ext: Feb 23, 1999				
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001330	PNG	CR	Eff: Jun 03, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404060018		Exp: Jun 02, 2009	640.000			TWP. 08, RGE. 10, W4M: SEC. 13
A				193.152			ALL PNG - SURFACE TO BASEMENT
	ITERATION ENERG						
100.00000000	ITERATION ENERG						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001330							
Sub: A	Status		Acres	Net		Acres	Net
001141	PNG	CR	Eff: May 30, 1972	1,920.000	Total Rental: 0.00		Area : GRANLEA
Sub: B	28544		Exp: May 29, 1982	1,920.000			TWP. 08, RGE. 10, W4M: 14, 15,
A			Ext: 95-1	624.000			23
	ITERATION ENERG						ALL PNG FROM SECOND WHITE
100.00000000	ITERATION ENERG						SPECKS TO BASE BOW ISLAND SE
	Status		Acres	Net		Acres	Net
001141	PNG	CR	Eff: May 30, 1972	1,920.000	Total Rental: 2688.00		Area : GRANLEA
Sub: C	28544		Exp: May 29, 1982	1,920.000			TWP. 08, RGE. 10, W4M: 14, 15,
A			Ext: 95-1	624.000			23
	ITERATION ENERG						ALL PNG TO BASE SECOND WHITE
100.00000000	ITERATION ENERG	Count Acreage = No					SPECKS
	Status		Acres	Net		Acres	Net
001157	PNG	CR	Eff: Mar 22, 1972	1,280.000	Total Rental: 1792.00		Area : GRANLEA
Sub: A	28093		Exp: Mar 21, 1982	1,280.000			TWP. 8, RGE. 10, W4M: SEC. 19
A			Ext: 99-1A	244.707			TWP. 8, RGE. 11, W4M: SEC. 13
	ITERATION ENERG						ALL PNG TO BASE BOW ISLAND SE
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001140	PNG	CR	Eff: May 30, 1972	0.000	Total Rental:	0.00	Area : GRANLEA
Sub: B	28543		Exp: May 29, 1982	0.000			TWP. 08, RGE. 10, W4M: Sec. 24
A			Ext: 15	0.000			PNG FROM BASE SECOND WHITE
	ITERATION ENERG		Ext: Feb 23, 1999				SPECKS TO BASE BOW ISLAND SE
100.00000000	ITERATION ENERG		Count Acreage =	No			
	Status		Acres	Net		Acres	Net
001140	PNG	CR	Eff: May 30, 1972	640.000	Total Rental:	896.00	Area : GRANLEA
Sub: C	28543		Exp: May 29, 1982	640.000			TWP. 08, RGE. 10, W4M: Sec. 24
A			Ext: 15	208.000			PNG TO BASE SECOND WHITE SPECKS
	ITERATION ENERG		Ext: Feb 23, 1999				
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001191	PNG	CR	Eff: Feb 24, 2000	640.000	Total Rental:	896.00	Area : GRANLEA
Sub: A	0400020331		Exp: Feb 23, 2005	640.000			TWP. 08, RGE. 10, W4M: SEC. 24
A				208.000			ALL PNG FROM BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001147	PNG	CR	Eff: Nov 19, 1971	640.000	Total Rental:	896.00	Area : GRANLEA
Sub: A	26409		Exp: Nov 18, 1981	640.000			TWP. 08, RGE. 10, W4M: 27
A			Ext: 99-1A	104.000			ALL PNG TO BASE BOW ISLAND SE
	ITERATION ENERG						
100.00000000	ITERATION ENERG						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001147							
Sub: A	Status		Acres	Net		Acres	Net
001142	PNG :	CR	Eff: May 17, 1971	640.000	Total Rental:	896.00	Area : GRANLEA
Sub: A	25023		Exp: May 16, 1981	640.000			TWP. 08, RGE. 10, W4M: 30
A			Ext: 95-1	0.000			ALL PNG EXCL
100.00000000	HUSKY OIL OP.						SECOND_WHITE_SPECKS TO BASE BOW
	HUSKY OIL OP.						ISLAND SD
	Status		Acres	Net		Acres	Net
001142	PNG	CR	Eff: May 17, 1971	0.000	Total Rental:	0.00	Area : GRANLEA
Sub: B	25023		Exp: May 16, 1981	0.000			TWP. 08, RGE. 10, W4M: 30
A			Ext: 95-1	0.000			ALL PNG IN SECOND_WHITE_SPECKS
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001157	PNG	CR	Eff: Mar 22, 1972	640.000	Total Rental:	896.00	Area : GRANLEA
Sub: B	28093		Exp: Mar 21, 1982	640.000			TWP. 8, RGE. 11, W4M: SEC. 24
A			Ext: 99-1A	208.000			ALL PNG TO BASE BOW ISLAND SE
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001143	PNG	CR	Eff: Nov 22, 1971	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	26445		Exp: Nov 21, 1981	640.000			TWP. 08, RGE. 11, W4M: 25
A			Ext: 95-1	0.000			ALL PNG IN SECOND_WHITE_SPECKS
	HUSKY OIL OP.						
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001143	PNG	CR	Eff: Nov 22, 1971	640.000	Total Rental: 0.00		Area : GRANLEA
Sub: B	26445		Exp: Nov 21, 1981	640.000			TWP. 08, RGE. 11, W4M: 25
A			Ext: 95-1	0.000			ALL PNG TO TOP
	HUSKY OIL OP.						SECOND_WHITE_SPECKS
100.00000000	HUSKY OIL OP.	Count Acreage = No					
	Status		Acres	Net		Acres	Net
001177	PGL	CR	Eff: Dec 01, 1999	3,200.000	Total Rental: 4480.00		Area : GRANLEA
Sub: A	5399060002		Exp: Nov 30, 2006	3,200.000			TWP 8 RGE 11 W4M SEC 33
A				1,040.000			TWP 9 RGE 11 W4M SEC 3, 4, 5, 6
	ITERATION ENERG						ALL PNG - ALL ZONES
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001136	PNG	CR	Eff: Dec 21, 1971	320.000	Total Rental: 448.00		Area : GRANLEA
Sub: A	26674		Exp: Dec 20, 1981	320.000			TWP. 08, RGE. 11, W4M: N/2 36
A			Ext: 15	104.000			ALL PNG TO BASE
	ITERATION ENERG						SECOND_WHITE_SPECKS
100.00000000	ITERATION ENERG						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001136							
Sub: A	Status		Acres	Net		Acres	Net
001192	PGL	CR	Eff: Feb 24, 2000	2,560.000	Total Rental: 3584.00		Area : GRANLEA
Sub: A	5300020069		Exp: Feb 23, 2007	2,560.000			TWP 9 RGE 9 W4M SEC 5, 6, 7
A			Ext: LIC/INTER	832.000			TWP 9 RGE 10 W4M SEC 12
	ITERATION ENERG		Ext: Feb 24, 2007				ALL PNG FROM BASE BOW ISLAND SC
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001182	PGL	CR	Eff: Aug 12, 1999	2,560.000	Total Rental: 3584.00		Area : GRANLEA
Sub: A	5399080001		Exp: Aug 11, 2006	2,560.000			TWP 9 RGE 9 W4M SEC 6, 7
A			Ext: LIC/INTER	832.000			TWP 9 RGE 10 W4M SEC 1, 12
	ITERATION ENERG						ALL PNG TO BASE BOW ISLAND SC
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001227	PNG	CR	Eff: Dec 16, 1995	1,280.000	Total Rental: 1792.00		Area : GRANLEA
Sub: A	0495120232		Exp: Dec 15, 2000	1,280.000			TWP. 9, RGE. 9, W4M: SECS.
A			Ext: 15	64.000			28, 29
	ITERATION ENERG		Ext: Dec 16, 2000				ALL PNG TO BASE BOW ISLAND SD
100.00000000	HUSKY OIL OP.						(EXCLUDING COAL BED GAS)
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001184	PNG CR	Eff: Sep 09, 1999	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	0499090003	Exp: Sep 08, 2004	640.000				TWP. 09, RGE. 09, W4M: SEC. 32
A			208.000				ALL PNG TO BASE BOW ISLAND SE
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001185	PNG CR	Eff: Sep 09, 1999	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	0499090004	Exp: Sep 08, 2004	640.000				TWP. 09, RGE. 09, W4M: SEC. 33
A			208.000				ALL PNG TO BASE BOW ISLAND SE
100.00000000	ITERATION ENERG						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001161	PNG CR	Eff: Sep 16, 1975	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	40084	Exp: Sep 15, 1985	640.000				TWP. 9, RGE. 10, W4M: SEC. 14
A		Ext: 95-1	52.000				ALL PNG TO BASE SAWTOOTH
100.00000000	DOVE ENERGY INC						
	DOVE ENERGY INC						
	Status		Acres	Net		Acres	Net
001164	PNG CR	Eff: Jun 14, 1976	640.000	Total Rental:	896.00		Area : GRANLEA
Sub: A	43180-C	Exp: Jun 13, 1986	640.000				TWP. 9, RGE. 10, W4M: SEC. 24
A		Ext: 15	52.000				ALL PNG TO BASE SAWTOOTH
100.00000000	DOVE ENERGY INC						
	DOVE ENERGY INC						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001164							
Sub: A	Status		Acres	Net		Acres	Net
001150	PNG	CR	Eff: Jan 14, 1974	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	34753		Exp: Jan 13, 1984	640.000			TWP. 10, RGE. 8, W4M: Sec. 22
A			Ext: 99-1A	0.000			ALL PNG TO BASE MEDICINE HAT
100.00000000	PIPER OIL & GAS						
	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001151	PNG	CR	Eff: Jan 14, 1974	631.950	Total Rental: 884.73		Area : GRANLEA
Sub: A	34754		Exp: Jan 13, 1984	631.950			TWP. 10, RGE. 8, W4M: S/2, NW,
A			Ext: 99-1A	0.000			& PTN. NE 34
100.00000000	PIPER OIL & GAS						(EXCLS.
	ITERATION ENERG						PART OF RAILWAY RIGHT OF WAY,
	Status		Acres	Net		Acres	ALL PNG TO BASE MEDICINE HAT
001159	PNG	CR	Eff: Jun 14, 1976	1,280.000	Total Rental: 1792.00		Area : GRANLEA
Sub: A	43181-A		Exp: Jun 13, 1986	1,280.000			TWP. 10, RGE. 9, W4M: SEC. 6
A			Ext: 95-1	72.800			TWP. 10, RGE. 10, W4M: SEC. 1
100.00000000	591536 ALBERTA						ALL PNG TO BASE SAWTOOTH
	591536 ALBERTA						
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)			Lease Description / Rights Held
001158	PNG	CR	Eff: Jun 14, 1976	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	43181		Exp: Jun 13, 1986	640.000			TWP. 10, RGE. 9, W4M: SEC. 7
A			Ext: 95-1	104.000			ALL PNG TO BASE BOW ISLAND SE
	591536 ALBERTA						
100.00000000	591536 ALBERTA						
	Status		Acres	Net		Acres	Net
001160	PNG	CR	Eff: Jun 14, 1976	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	43181-B		Exp: Jun 13, 1986	640.000			TWP. 10, RGE. 10, W4M: SEC. 12
A			Ext: 95-1	0.000			ALL PNG TO BASE SAWTOOTH
	FOX ENERGY						
100.00000000	FOX ENERGY						
	Status		Acres	Net		Acres	Net
001265	PNG	CR	Eff: Apr 22, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404040783		Exp: Apr 21, 2009	640.000			TWP. 10, RGE. 11, W4M: SEC. 2
A				233.600			ALL PNG - ALL ZONES
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001262	PNG	CR	Eff: Jan 08, 2004	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	0404010008		Exp: Jan 07, 2009	640.000			TWP. 10, RGE. 11, W4M: SEC. 3
A				233.600			PNG BELOW BASE BOW ISLAND SANI
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001262							
Sub: A	Status		Acres	Net		Acres	Net
001148	PNG	CR	Eff: Jan 14, 1974	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	34756		Exp: Jan 13, 1984	640.000			TWP. 11, RGE. 8, W4M: SEC. 5
A			Ext: 99-1A	0.000			ALL PNG TO BASE
	PIPER OIL & GAS						SECOND_WHITE_SPECKS
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
001149	PNG	CR	Eff: Jan 14, 1974	640.000	Total Rental: 896.00		Area : GRANLEA
Sub: A	34757		Exp: Jan 13, 1984	640.000			TWP. 11 RGE 8 W4M SEC 7
A			Ext: 99-1A	0.000			ALL PNG TO BASE
	PIPER OIL & GAS						SECOND_WHITE_SPECKS
100.00000000	ITERATION ENERG						
	Status		Acres	Net		Acres	Net
000333	PNG	CR	Eff: Nov 18, 1975	480.000	Total Rental: 672.00		Area : CARBON
Sub: A	40765		Exp: Nov 17, 1985	480.000			TWP. 28, RGE. 23, W4M: N/2 &
A			Ext: 95-1A	240.000			SE/4 36
	ENCANA O & G						ALL P&NG TO BASE VIKING
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000421	PNG	PC	Eff: Jun 20, 1977	160.000	Total Rental: 160.00		Area : CARBON
Sub: A	792		Exp: Jun 19, 1980	160.000			TWP. 28, RGE. 23, W4M: SW/4 36
A			Ext: HBP	80.000			ALL P&NG TO BASE VIKING
	ENCANA O & G						
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000910	PNG	CR	Eff: Apr 19, 1990	160.000	Total Rental: 224.00		Area : WEST DRUMHELLER
Sub: A	0490040306		Exp: Apr 18, 1995	160.000			TWP. 29, RGE. 21, W4M: NW/4 15
A			Ext: 95	0.000			ALL PNG TO BASE MANNVILLE
	PIONEER NATURAL						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000910	PNG	CR	Eff: Apr 19, 1990	480.000	Total Rental: 672.00		Area : WEST DRUMHELLER
Sub: B	0490040306		Exp: Apr 18, 1995	480.000			TWP. 29, RGE. 21, W4M: S & NE 15
A			Ext: 95	0.000			ALL PNG TO BASE MANNVILLE
	PIONEER NATURAL						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000393	PNG	CR	Eff: Sep 14, 1978	640.000	Total Rental: 896.00		Area : CARBON EAST
Sub: A	0478090011		Exp: Sep 13, 1983	640.000			TWP. 29, RGE. 22, W4M: SEC. 10
A			Ext: 99-1A	0.000			ALL P&NG TO BASE BELLY RIVER
	ATCO GAS						
100.00000000	ATCO GAS						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000393							
Sub: A	Status		Acres	Net		Acres	Net
000389	PNG	CR	Eff: Sep 21, 1977	320.000	Total Rental: 448.00		Area : CARBON EAST
Sub: A	0477090069		Exp: Sep 20, 1982	320.000			TWP. 29, RGE. 22, W4M: N/2 30
A			Ext: 99-A	0.000			ALL P&NG TO BASE PEKISKO
100.00000000	ATCO GAS						EXCLUDING NG IN GLAUC SS
	ATCO GAS						
	Status		Acres	Net		Acres	Net
000392	PNG	FH	Eff: May 11, 1954	320.000	Total Rental: 0.00		Area : CARBON EAST
Sub: A	LINDSAY, G C		Exp: May 10, 1964	320.000			TWP. 29, RGE. 22, W4M: S/2 30
A			Ext: HBP	0.000			ALL P&NG EXCL NG IN GLAUCONITIC
100.00000000	ATCO GAS						SS ZONE
	MOBIL OIL CAN00						
	Status		Acres	Net		Acres	Net
000368	PNG	FH	Eff: Mar 16, 1973	640.000	Total Rental: 640.00		Area : CARBON
Sub: A	SAMSON		Exp: Mar 15, 1978	640.000			TWP. 29, RGE. 23, W4M: SEC. 1
A			Ext: HBP	426.656			ALL P & NG - ALL ZONES
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000369	PNG	FH	Eff: Jul 03, 1973	640.000	Total Rental: 640.00		Area : CARBON
Sub: A	SAMSON	Exp: Jul 02, 1978	640.000				TWP. 29, RGE. 23, W4M: SEC. 2
A		Ext: HBP	426.656				ALL P & NG - ALL ZONES
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000367	PNG	FH	Eff: Jul 03, 1973	640.000	Total Rental: 640.00		Area : CARBON
Sub: A	SAMSON	Exp: Jul 02, 1978	640.000				TWP. 29, RGE. 23, W4M: SEC. 3
A		Ext: HBP	426.656				ALL PNG - ALL ZONES
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001235	PNG	CR	Eff: May 09, 1977	640.000	Total Rental: 896.00		Area : CARBON
Sub: A	017705A156	Exp: May 08, 1987	640.000				TWP. 29, RGE. 23, W4M: SEC. 4
A		Ext: 15	0.000				ALL PNG TO BASE VIKING
	GLENCOE RESOURC						
100.00000000	GLENCOE RESOURC						
	Status		Acres	Net		Acres	Net
001219	PNG	CR	Eff: May 09, 1977	640.000	Total Rental: 896.00		Area : CARBON
Sub: A	0177050156	Exp: May 08, 1987	640.000				TWP. 29, RGE. 23, W4M: SEC. 5
A		Ext: 15	0.000				ALL PNG TO BASE BELLY RIVER
	PIONEER NATURAL	Ext: Feb 02, 2005					
100.00000000	PIONEER NATURAL						

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

(cont'd)

001219							
Sub: A	Status		Acres	Net		Acres	Net
000981	PNG	CR	Eff: Jan 18, 1971	160.000	Total Rental: 224.00		Area : CARBON
Sub: A	24480-A		Exp: Jan 17, 1981	160.000			TWP. 29, RGE. 23, W4M: SE/4 8
A			Ext: 15	0.000			ALL PNG TO BASE BELLY RIVER
	PIONEER NATURAL		Ext: Feb 02, 2005				
100.00000000	PIONEER NATURAL						

Status	Acres	Net	Acres	Net
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000283	NG	CR	Eff: Mar 31, 1972	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: A	27619		Exp: Mar 30, 1982	160.000			TWP. 29, RGE. 23, W4M: SW/4 7
A			Ext: 15	27.500			NG ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

Status	Acres	Net	Acres	Net
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000283	NG	CR	Eff: Mar 31, 1972	160.000	Total Rental: 0.00		Area : SWALWELL
Sub: E	27619		Exp: Mar 30, 1982	160.000			TWP. 29, RGE. 23, W4M: SW/4 7
A			Ext: 15	0.000			PETROLEUM ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					

Status	Acres	Net	Acres	Net
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000388	Sub: D	A	PNG	CR	37734	EOG RESOURCES	Eff: Sep 20, 1974 Exp: Sep 19, 1984 Ext: 15	440.000 440.000 75.625	Total Rental: 616.00		Area : CARBON TWP. 29, RGE. 23, W4M: NW/4, SE/4 & LSDS. 10, 15, 16 OF SEC 7 NATURAL GAS ONLY TO BASE BELLY RIVER
100.00000000						EOG RESOURCES					
			Status				Acres	Net		Acres	Net
000388	Sub: E	A	PNG	CR	37734	EOG RESOURCES	Eff: Sep 20, 1974 Exp: Sep 19, 1984 Ext: 15	440.000 440.000 110.000	Total Rental: 0.00		Area : CARBON TWP. 29, RGE. 23, W4M: NW/4, SE/4 & LSDS 10, 15, 16 OF SEC 7 ALL PETROLEUM TO BASE BELLY RIVER.
100.00000000						EOG RESOURCES	Count Acreage = No				
			Status				Acres	Net		Acres	Net
001295	Sub: A	A	PNG	FH	MAUND, MAURICE A.	EOG RESOURCES	Eff: Feb 10, 2005 Exp: Feb 09, 2008	13.334 13.334 2.292	Total Rental: 14.00		Area : CARBON TWP. 29, RGE. 23, W4M: LSD. 9 OF SEC. 7 NG ONLY TO BASE BELLY RIVER
100.00000000						EOG RESOURCES					
			Status				Acres	Net		Acres	Net
											(AS TO AN UNDIVIDED 1/3 INTEREST)
001296	Sub: A	A	PNG	FH	MAUND, MICHAEL	EOG RESOURCES	Eff: Feb 28, 2005 Exp: Feb 27, 2008	13.334 13.334 2.292	Total Rental: 14.00		Area : CARBON TWP. 29, RGE. 23, W4M: LSD. 9 OF SEC. 7

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001296							
Sub: A	EOG RESOURCES						NG ONLY TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
							(AS TO AN UNDIVIDED 1/3 INTEREST)
001297	PNG	FH	Eff: Feb 16, 2005	13.334	Total Rental: 14.00		Area: CARBON
Sub: A	SCHINDLER, PAMEL	Exp: Feb 15, 2008	13.334				TWP. 29, RGE. 23, W4M: LSD. 9
A			2.292				OF SEC. 7
	EOG RESOURCES						NG ONLY TO BASE BELLY RIVER
33.33333333	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
							(AS TO AN UNDIVIDED 1/3 INTEREST)
000072	PNG	FH	Eff: Feb 22, 1977	320.000	Total Rental: 320.00		Area: CARBON
Sub: A	DOME A-8033	Exp: Feb 21, 1979	320.000				TWP. 29, RGE. 23, W4M: W/2 8
A		Ext: HBP	78.334				ALL P&NG TO BASE BANFF
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000073	PNG	FH	Eff: Jan 24, 1969	160.000	Total Rental: 160.00		Area: CARBON
Sub: A	MODOL INVESTMEN	Exp: Jan 23, 1979	160.000				TWP. 29, RGE. 23, W4M: SE/4 8

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File Number	File Status	Mineral Int	Lease Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Gross	Net	DOI Partner(s)	*	*
(cont'd)											
000073	Sub: A	A				Ext: HBP	39.167				ALL P&NG TO THE BASE OF BANFF
					EOG RESOURCES						
100.00000000					EOG RESOURCES						
			Status				Acres	Net		Acres	Net
000073	Sub: B	A	PNG	FH	Eff: Jan 24, 1969	Exp: Jan 23, 1979	0.000	Total Rental:	0.00		Area : CARBON
					MODOL INVESTMENT	Ext: HBP	0.000				TWP. 29, RGE. 23, W4M: SE/4 8
					EOG RESOURCES		0.000				ALL P&NG BELOW BASE BANFF
100.00000000					EOG RESOURCES						
			Status				Acres	Net		Acres	Net
000384	Sub: A	A	PNG	FH	Eff: Oct 18, 1972	Exp: Oct 17, 1977	53.340	Total Rental:	53.34		Area : CARBON
					FREETHY ESTATE	Ext: HBP	53.340				TWP. 29, RGE. 23, W4M: NE/4 8
					EOG RESOURCES		13.057				ALL PNG TO BASE BANFF_FORMATION
33.33000000					EOG RESOURCES						
			Status				Acres	Net		Acres	Net
000384	Sub: E	A	PNG	FH	Eff: Oct 18, 1972	Exp: Oct 17, 1977	0.000	Total Rental:	0.00		Area : CARBON
					FREETHY ESTATE	Ext: HBP	0.000				TWP. 29, RGE. 23, W4M: NE/4 8
					EOG RESOURCES		0.000				ALL PNG BELOW BASE BANFF_FORMATION

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Mineral Property Report

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

(cont'd)

000384

Sub: E

33.33000000 EOG RESOURCES

Status	Acres	Net	Acres	Net	
000385 PNG FH Eff: Jul 11, 1972	53.340	Total Rental: 53.34			Area : CARBON
Sub: A ASH, G D (ESTATE) Exp: Jul 10, 1977	53.340				TWP. 29, RGE. 23, W4M: NE/4 8
A Ext: HBP	13.057				ALL PNG TO BASE BANFF FORMATION
EOG RESOURCES					
33.33300000 EOG RESOURCES					

Status	Acres	Net	Acres	Net	
000385 PNG FH Eff: Jul 11, 1972	0.000	Total Rental: 0.00			Area : CARBON
Sub: E ASH, G D (ESTATE) Exp: Jul 10, 1977	0.000				TWP. 29, RGE. 23, W4M: NE/4 8
A Ext: HBP	0.000				ALL PNG BELOW BASE
EOG RESOURCES					BANFF FORMATION
33.33300000 EOG RESOURCES					

Status	Acres	Net	Acres	Net	
000386 PNG FH Eff: Jul 19, 1972	53.340	Total Rental: 53.34			Area : CARBON
Sub: A DOLL ESTATE Exp: Jul 18, 1977	53.340				TWP. 29, RGE. 23, W4M: NE/4 8
A Ext: HBP	13.057				ALL PNG TO BASE BANFF FORMATION
EOG RESOURCES					
33.33000000 EOG RESOURCES					

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000386							
Sub: A	Status		Acres	Net		Acres	Net
000386	PNG	FH	Eff: Jul 19, 1972	0.000	Total Rental: 0.00		Area : CARBON
Sub: E	DOLL ESTATE		Exp: Jul 18, 1977	0.000			TWP. 29, RGE. 23, W4M: NE/4 8
A			Ext: HBP	0.000			ALL PNG BELOW BASE
	EOG RESOURCES						BANFF FORMATION
33.33000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000334	PNG	CR	Eff: Jun 16, 1964	640.000	Total Rental: 896.00		Area : CARBON
Sub: A	3313		Exp: Jun 15, 1974	640.000			TWP. 29, RGE. 23, W4M: SEC. 9
A			Ext: 99-A	213.334			ALL P&NG TO BASE PEKISKO
	EOG RESOURCES						EXCLUDING GLAUCONITE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000334	PNG	CR	Eff: Jun 16, 1964	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	3313		Exp: Jun 15, 1974	0.000			TWP. 29, RGE. 23, W4M: SEC. 9
A			Ext: 99-A	0.000			ALL P&NG GLAUCONITE ZONE ONLY
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000894	PNG	CR	Eff: Feb 22, 1990	640.000	Total Rental: 896.00		Area : CARBON
Sub: A	0490020274		Exp: Feb 21, 1995	640.000			TWP. 29, RGE. 23, W4M: SEC. 10
A				160.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000422	PNG	CR	Eff: Mar 31, 1972	640.000	Total Rental: 896.00		Area : CARBON
Sub: A	27483		Exp: Mar 30, 1982	640.000			TWP. 29, RGE. 23, W4M: SEC. 11
A			Ext: 99-A	106.656			ALL PNG TO BASE MANNVILLE EXCL.
	PIONEER NATURAL						BSL. COLO. & VIKING
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000358	PNG	CR	Eff: Jan 28, 1976	160.000	Total Rental: 224.00		Area : CARBON
Sub: A	41305		Exp: Jan 27, 1986	160.000			TWP. 29, RGE. 23, W4M: NW/4 12
A			Ext: 95-1A	106.664			ALL P&NG TO BASE MANNVILLE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000366	PNG	FH	Eff: Jul 03, 1973	360.000	Total Rental: 360.00		Area : CARBON
Sub: A	SAMSON		Exp: Jul 02, 1978	360.000			TWP. 29, RGE. 23 W4M: S/2 & LSD
A			Ext: HBP	239.994			16 OF SEC 12
	EOG RESOURCES						ALL P&NG - ALL ZONES
	EOG RESOURCES						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000366							
Sub: A	Status		Acres	Net		Acres	Net
000359	PNG	CR	Eff: Apr 07, 1976	120.000	Total Rental: 168.00		Area : CARBON
Sub: A	42278		Exp: Apr 06, 1986	120.000			TWP. 29, RGE. 23, W4M: L8DS 9,
A			Ext: 95	80.000			10, 15 OF SEC 12
100.00000000	EOG RESOURCES						ALL PNG TO BASE OF MANNVILLE
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000364	PNG	FH	Eff: Jun 21, 1976	160.000	Total Rental: 160.00		Area : CARBON
Sub: A	CANADA TRUST		Exp: Jun 20, 1978	160.000			TWP. 29, RGE. 23, W4M: SE/4 14
A			Ext: HBP	66.666			VIKING ZONE ONLY
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000364	PNG	FH	Eff: Jun 21, 1976	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	CANADA TRUST		Exp: Jun 20, 1978	0.000			TWP. 29, RGE. 23, W4M: SE/4 14
A			Ext: HBP	0.000			ALL PNG EXCL VIKING ZONE
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	File Status	Mineral Int	Lease Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
000429			PNG	FH	Eff: Feb 23, 1971		480.000	Total Rental:	480.00		Area : CARBON
Sub: A					Exp: Feb 22, 1981		480.000				TWP. 29, RGE. 23, W4M: N/2 &
A					Ext: HBP		199.999				SW/4 14
					EOG RESOURCES						VIKING ZONE ONLY
100.00000000					COASTAL RESOURC						
					Status		Acres	Net		Acres	Net
000429			PNG	FH	Eff: Feb 23, 1971		0.000	Total Rental:	0.00		Area : CARBON
Sub: B					Exp: Feb 22, 1981		0.000				TWP. 29, RGE. 23, W4M: N/2 &
A					Ext: HBP		0.000				SW/4 14
					EOG RESOURCES						ALL P&NG TO BASE OF PEKISKO
100.00000000					COASTAL RESOURC	Count Acreage = No					ZONE EXCLVIKING ZONE
					Status		Acres	Net		Acres	Net
000132			PNG	FH	Eff: Apr 01, 1976		53.330	Total Rental:	54.00		Area : CARBON
Sub: A					Exp: Mar 31, 1981		53.330				TWP. 29, RGE. 23, W4M: NW/4 15
A					Ext: HBP		28.063				ALL P&NG TO THE BASE OF PEKISKO
					EOG RESOURCES						ZONE
					EOG RESOURCES						
					Status		Acres	Net		Acres	Net
000132			PNG	FH	Eff: Apr 01, 1976		0.000	Total Rental:	0.00		Area : CARBON
Sub: B					Exp: Mar 31, 1981		0.000				TWP. 29, RGE. 23, W4M: NW/4 15
A					Ext: HBP		0.000				ALL P&NG BELOW BASE PEKISKC
					EOG RESOURCES						
					EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000132							
Sub: B	Status		Acres	Net		Acres	Net
000133	PNG	FH	Eff: Apr 01, 1976	53.334	Total Rental: 54.00		Area : CARBON
Sub: A	MCARTHUR, M.I.		Exp: Mar 31, 1981	53.334			TWP. 29, RGE. 23, W4M: NW/4 15
A			Ext: HBP	28.065			ALL P&NG TO THE BASE OF PEKISKO ZONE
	EOG RESOURCES						
33.33300000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000133	PNG	FH	Eff: Apr 01, 1976	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	MCARTHUR, M.I.		Exp: Mar 31, 1981	0.000			TWP. 29, RGE. 23, W4M: NW/4 15
A			Ext: HBP	0.000			ALL P&NG BELOW BASE PEKISKO ZONE
	EOG RESOURCES						
33.33300000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000134	PNG	FH	Eff: Apr 08, 1977	53.333	Total Rental: 53.33		Area : CARBON
Sub: A	FOX, R.A.		Exp: Apr 07, 1982	53.333			TWP. 29, RGE. 23, W4M: NW/4 15
A			Ext: HBP	28.065			ALL P&NG TO THE BASE OF PEKISKO ZONE
	EOG RESOURCES						
33.33000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000134	PNG	FH	Eff: Apr 08, 1977	0.000	Total Rental:	0.00	Area : CARBON
Sub: B	FOX, R.A.		Exp: Apr 07, 1982	0.000			TWP. 29, RGE. 23, W4M: NW/4 15
A			Ext: HBP	0.000			ALL P&NG BELOW BASE PEKISKO ZONE
	EOG RESOURCES						
33.33000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000135	PNG	FH	Eff: Feb 24, 1978	0.179	Total Rental:	25.00	Area : CARBON
Sub: A	GROEN, J. & P.		Exp: Feb 23, 1983	0.179			TWP. 29, RGE. 23, W4M: PTN SEC
A			Ext: HBP	0.094			15;
	EOG RESOURCES						(BLK 5, LOTS 13, 14)
100.00000000	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000135	PNG	FH	Eff: Feb 24, 1978	0.000	Total Rental:	0.00	Area : CARBON
Sub: B	GROEN, J. & P.		Exp: Feb 23, 1983	0.000			TWP. 29, RGE. 23, W4M: PTN SEC
A			Ext: HBP	0.000			15;
	EOG RESOURCES						(BLK 5, LOTS 13 & 14)
100.00000000	EOG RESOURCES						ALL P&NG BELOW BASE OF PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000136	PNG	FH	Eff: Feb 24, 1978	0.179	Total Rental:	25.00	Area : CARBON
Sub: A	BARNES, F.		Exp: Feb 23, 1983	0.179			TWP. 29, RGE. 23, W4M: PTN SEC
A			Ext: HBP	0.094			15;
	EOG RESOURCES						(BLK 7, LOTS 39 & 40)
100.06000000	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO ZONE

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							Net	Doi Partner(s)	*	*	
(cont'd)											
000136	Sub: A			Status			Acres	Net		Acres	Net
000136	Sub: B		PNG	FH	Eff: Feb 24, 1978		0.000	Total Rental:	0.00		Area : CARBON
	A				Exp: Feb 23, 1983		0.000				TWP. 29, RGE. 23, W4M: PTN SEC 15;
					Ext: HBP		0.000				(BLK 7, LOTS 39 & 40)
100.00000000			EOG RESOURCES								ALL P&NG BELOW BASE OF PEKISKO ZONE
				Status			Acres	Net		Acres	Net
000137	Sub: A		PNG	FH	Eff: Jan 23, 1978		0.179	Total Rental:	25.00		Area : CARBON
	A				Exp: Jan 22, 1983		0.179				TWP. 29, RGE. 23, W4M: PTN SEC 15;
					Ext: HBP		0.094				(BLK 19, LOTS 30 & 31)
100.00000000			EOG RESOURCES								ALL P&NG TO THE BASE OF PEKISKO ZONE
				Status			Acres	Net		Acres	Net
000137	Sub: B		PNG	FH	Eff: Jan 23, 1978		0.000	Total Rental:	0.00		Area : CARBON
	A				Exp: Jan 22, 1983		0.000				TWP. 29, RGE. 23, W4M: PTN SEC 15;
					Ext: HBP		0.000				(BLK 19, LOTS 30 & 31)
100.00000000			EOG RESOURCES								ALL P&NG BELOW BASE OF PEKISKO ZONE
				Status			Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000138	PNG	FH	Eff: Feb 24, 1978	0.089	Total Rental: 25.00		Area : CARBON
Sub: A	CANNING, D.M.	Exp: Feb 23, 1983	0.089				TWP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.047				15;
	EOG RESOURCES						(BLK 7, LOT 38)
100.00000000	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
							ZONE
	Status		Acres	Net		Acres	Net
000138	PNG	FH	Eff: Feb 24, 1978	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	CANNING, D.M.	Exp: Feb 23, 1983	0.000				TWP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.000				15;
	EOG RESOURCES						(BLK 7, LOT 38)
100.00000000	EOG RESOURCES						ALL P&NG BELOW BASE OF PEKISKO
							ZONE
	Status		Acres	Net		Acres	Net
000139	PNG	FH	Eff: May 02, 1978	1.076	Total Rental: 25.00		Area : CARBON
Sub: A	MCARTHUR, M.I.	Exp: May 01, 1983	1.076				TWP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.566				15;
	EOG RESOURCES						(BLK 5, LOTS 32, 33 & 34)
50.00000000	EOG RESOURCES						ALL PNG TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000139	PNG	FH	Eff: May 02, 1978	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	MCARTHUR, M.I.	Exp: May 01, 1983	0.000				TWP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.000				15;
	EOG RESOURCES						(BLK 5, LOTS 32, 33 & 34)
50.00000000	EOG RESOURCES						ALL PNG BELOW BASE PEKISKC

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000139							
Sub: B	Status		Acres	Net		Acres	Net
000140	PNG	FH	Eff: Feb 09, 1978	0.179	Total Rental: 25.00		Area : CARBON
Sub: A	BOARD OF THREE H	Exp: Feb 08, 1983	0.179				TWVP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.094				15
100.00000000	EOG RESOURCES						(BLK. 5, LOTS 35 & 36)
	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
	Status		Acres	Net		Acres	Net
000140	PNG	FH	Eff: Feb 09, 1978	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	BOARD OF THREE H	Exp: Feb 08, 1983	0.000				TWVP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.000				15
100.00000000	EOG RESOURCES						(BLK. 5, LOTS 35 & 36)
	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKO
	Status		Acres	Net		Acres	Net
000141	PNG	FH	Eff: Dec 22, 1978	0.179	Total Rental: 25.00		Area : CARBON
Sub: A	FOX, A	Exp: Dec 21, 1988	0.179				TWVP. 29, RGE. 23, W4M: PTN SEC
A		Ext: HBP	0.094				15;
100.00000000	EOG RESOURCES						(BLK. 6, LOTS 21 & 22)
	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000141	PNG	FH	Eff: Dec 22, 1978	0.000	Total Rental:	0.00	Area : CARBON
Sub: B	FOX, A		Exp: Dec 21, 1988	0.000			TWP. 29, RGE. 23, W4M: PTN SEC
A			Ext: HBP	0.000			15;
	EOG RESOURCES						(BLK. 6, LOTS 21 & 22)
100.00000000	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000142	PNG	FH	Eff: Dec 18, 1978	0.179	Total Rental:	25.00	Area : CARBON
Sub: A	MCKINNON, MINNIE		Exp: Dec 17, 1983	0.179			TWP. 29, RGE. 23, W4M: PTN SEC
A			Ext: HBP	0.094			15;
	EOG RESOURCES						(BLK. 10, LOTS 21 & 22)
100.00000000	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000142	PNG	FH	Eff: Dec 18, 1978	0.000	Total Rental:	0.00	Area : CARBON
Sub: B	MCKINNON, MINNIE		Exp: Dec 17, 1983	0.000			TWP. 29, RGE. 23, W4M: PTN SEC
A			Ext: HBP	0.000			15;
	EOG RESOURCES						(BLK. 10, LOTS 21 & 22)
100.00000000	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKC
	Status		Acres	Net		Acres	Net
000143	PNG	FH	Eff: Feb 23, 1976	106.610	Total Rental:	107.00	Area : CARBON
Sub: A	SAMSON		Exp: Feb 22, 1981	106.610			TWP. 29, RGE. 23, W4M: PTN NE/4
A			Ext: HBP	56.100			15 (SEE CERT. OF TITLE FORE
	EOG RESOURCES						MORE DESCRIPTION) (AS TO ALL
100.00000000	EOG RESOURCES						STREETS, AVENUES AND LANES
							ALL P&NG TO THE BASE OF PEKISKO

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int.	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000143							
Sub: A	Status		Acres	Net		Acres	Net
000143	PNG	FH	Eff: Feb 23, 1976	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	SAMSON		Exp: Feb 22, 1981	0.000			TWP. 29, RGE. 23, W4M: PTN NE/4
A			Ext: HBP	0.000			15
	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000186	PNG	FH	Eff: Feb 23, 1971	213.390	Total Rental: 213.39		Area : CARBON
Sub: A	SAMSON		Exp: Feb 22, 1981	213.390			TWP. 29, RGE. 23, W4M: SE/4 &
A			Ext: HBP	112.290			PTN. NE/4 15
	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
100.00000000	COASTAL RESOURC						
	Status		Acres	Net		Acres	Net
000186	PNG	FH	Eff: Feb 23, 1971	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	SAMSON		Exp: Feb 22, 1981	0.000			TWP. 29, RGE. 23, W4M: SE/4 &
A			Ext: HBP	0.000			PTN. NE/4 15
	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKO ZONE
100.00000000	COASTAL RESOURC						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000273	PNG FH	Eff: Jul 26, 1978	0.000	Total Rental:	0.00		Area : CARBON
Sub: A	MCARTHUR, S M	Exp: Jul 25, 1983	0.000				TWP. 29, RGE. 23, W4M; PTN. SEC
A		Ext: HBP	0.000				15
	EOG RESOURCES						(1/8 INTEREST EACH)
50.00000000	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000273	PNG FH	Eff: Jul 26, 1978	0.000	Total Rental:	0.00		Area : CARBON
Sub: B	MCARTHUR, S M	Exp: Jul 25, 1983	0.000				TWP. 29, RGE. 23, W4M; PTN. SEC.
A		Ext: HBP	0.000				15
	EOG RESOURCES						(1/8 INTEREST EACH)
50.00000000	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000273	PNG FH	Eff: Jul 26, 1978	0.269	Total Rental:	25.00		Area : CARBON
Sub: C	MCARTHUR, S M	Exp: Jul 25, 1983	0.269				TWP. 29, RGE. 23, W4M; SEC. 15,
A		Ext: HBP	0.142				(BLK 5,
	EOG RESOURCES						LOTS 30, 31) (UND. 1/2 INT)
50.00000000	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000273	PNG FH	Eff: Jul 26, 1978	0.000	Total Rental:	0.00		Area : CARBON
Sub: D	MCARTHUR, S M	Exp: Jul 25, 1983	0.000				TWP. 29, RGE. 23, W4M; PTN. SEC.
A		Ext: HBP	0.000				15
	EOG RESOURCES						(1/3 INTEREST EACH)
50.00000000	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKO ZONE

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000273							
Sub: D	Status		Acres	Net		Acres	Net
000428	PNG	FH	Eff: Jul 26, 1978	0.269	Total Rental: 25.00		Area : CARBON
Sub: A	MCARTHUR, M I	Exp: Jul 25, 1983	0.269				TWP. 29, RGE. 23, W4M: PTN. SEC
A		Ext: HBP	0.142				15
	EOG RESOURCES						(UNDIVIDED 1/2 INTEREST,
50.00000000	EOG RESOURCES						ALL P&NG TO BASE OF PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000428	PNG	FH	Eff: Jul 26, 1978	0.000	Total Rental: 0.00		Area : CARBON
Sub: B	MCARTHUR, M I	Exp: Jul 25, 1983	0.000				TWP. 29, RGE. 23, W4M: PTN. SEC
A		Ext: HBP	0.000				15
	EOG RESOURCES						(UNDIVIDED 1/2 INTEREST,
50.00000000	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000144	PNG	FH	Eff: Jul 13, 1977	80.000	Total Rental: 80.00		Area : CARBON
Sub: A	MOORE, E A	Exp: Jul 12, 1982	80.000				TWP. 29, RGE. 23, W4M: LS DS 3,
A		Ext: HBP	42.098				4 OF
	EOG RESOURCES						SEC 15
100.00000000	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000144	PNG	FH	Eff: Jul 13, 1977	0.000	Total Rental:	0.00	Area : CARBON
Sub: B	MOORE, E A		Exp: Jul 12, 1982	0.000			TWP. 29, RGE. 23, W4M: LSDS 3,
A			Ext: HBP	0.000			4 OF
	EOG RESOURCES						SEC. 15
100.00000000	EOG RESOURCES						ALL P&NG BELOW BASE PEKISKC
	Status		Acres	Net		Acres	Net
000227	PNG	CR	Eff: May 09, 1977	80.000	Total Rental:	112.00	Area : CARBON
Sub: C	0177050158		Exp: May 08, 1987	80.000			TWP. 29, RGE. 23, W4M: LSDS 5,
A			Ext: 95-1A	42.098			6 OF SEC 15
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000227	PNG	CR	Eff: May 09, 1977	640.000	Total Rental:	896.00	Area : CARBON
Sub: A	0177050158		Exp: May 08, 1987	640.000			TWP. 29, RGE. 23, W4M: SEC 16
A			Ext: 95-1A	112.000			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000388	PNG	CR	Eff: Sep 20, 1974	320.000	Total Rental:	448.00	Area : CARBON
Sub: B	37734		Exp: Sep 19, 1984	320.000			TWP. 29, RGE. 23, W4M: S/2 17
A			Ext: 99-1	55.500			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000388							
Sub: B	Status		Acres	Net		Acres	Net
000384	PNG	FH	Eff: Oct 18, 1972	89.471	Total Rental: 89.47		Area : CARBON
Sub: B	FREETHY ESTATE		Exp: Oct 17, 1977	89.471			TWP. 29, RGE. 23, W4M: LSD 12,
A			Ext: HBP	15.518			PTN. LSDS 11, 13 OF SEC 17; AND
	EOG RESOURCES						NE/4 17
33.33000000	EOG RESOURCES						ALL PNG TO BASE BANFF FORMATION
	Status		Acres	Net		Acres	Net
000385	PNG	FH	Eff: Jul 11, 1972	89.471	Total Rental: 89.47		Area : CARBON
Sub: B	ASH, G D (ESTATE)		Exp: Jul 10, 1977	89.471			TWP. 29, RGE. 23, W4M: LSD 12,
A			Ext: HBP	15.518			PTN. LSDS 11, 13 AND NE/4 OF
	EOG RESOURCES						SEC 17
33.33300000	EOG RESOURCES						ALL PNG TO BASE BANFF FORMATION
	Status		Acres	Net		Acres	Net
000386	PNG	FH	Eff: Jul 19, 1972	89.471	Total Rental: 89.47		Area : CARBON
Sub: B	DOLL ESTATE		Exp: Jul 18, 1977	89.471			TWP. 29, RGE. 23, W4M: LSD 12,
A			Ext: HBP	15.518			PTN. LSDS 11, 13 AND NE/4 OF
	EOG RESOURCES						SEC 17
33.33000000	EOG RESOURCES						ALL PNG TO BASE BANFF FORMATION
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000391	PNG	FH	Eff: Aug 08, 1972	40.000	Total Rental: 40.00		Area : CARBON
Sub: A	REID, C D		Exp: Aug 07, 1982	40.000			TWP. 29, RGE. 23, W4M: LSD 14
A			Ext: HBP	6.938			OF SEC. 17
	EOG RESOURCES						ALL PNG TO BASE BANFF FORMATION
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000388	PNG	CR	Eff: Sep 20, 1974	640.000	Total Rental: 896.00		Area : CARBON
Sub: A	37734		Exp: Sep 19, 1984	640.000			TWP. 29, RGE. 23, W4M: SEC. 18
A			Ext: 15	160.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000388	PNG	CR	Eff: Sep 20, 1974	640.000	Total Rental: 896.00		Area : CARBON
Sub: F	37734		Exp: Sep 19, 1984	640.000			TWP. 29, RGE. 23, W4M: SEC. 19
A			Ext: 15	160.000			PETROLEUM TO BASE BELLY RIVER;
	EOG RESOURCES						ALL PNG FROM BASE BELLY RIVER
100.00000000	EOG RESOURCES						TO BASE VIKING
	Status		Acres	Net		Acres	Net
000388	PNG	CR	Eff: Sep 20, 1974	640.000	Total Rental: 0.00		Area : CARBON
Sub: G	37734		Exp: Sep 19, 1984	640.000			TWP. 29, RGE. 23, W4M: SEC. 19
A			Ext: 15	143.232			NATURAL GAS TO BASE BELLY
	EOG RESOURCES						RIVER, INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						
			Count Acreage =	No			

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000388							
Sub: G	Status		Acres	Net		Acres	Net
001305	PNG	CR	Eff: Mar 06, 1997	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: A	0497030137		Exp: Mar 05, 2002	640.000			TWP. 29, RGE. 23, W4M: SEC. 20
A			Ext: 95	143.232			NATURAL GAS TO BASE BELLY
	EOG RESOURCES						RIVER, INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						(EXCL. BELLY RIVER PRODUCTION
	Status		Acres	Net		Acres	FROM 100/02-20-029-23 W4M)
000270	PNG	FH	Eff: Feb 23, 1971	80.000	Total Rental: 80.00		Area : CARBON
Sub: A	SAMSON		Exp: Feb 22, 1981	80.000			TWP. 29, RGE. 23, W4M: LSD 1, 2
A			Ext: HBP	26.646			OF SEC. 22
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
100.00000000	COASTAL RESOURC						
	Status		Acres	Net		Acres	Net
000227	PNG	CR	Eff: May 09, 1977	410.000	Total Rental: 574.00		Area : CARBON
Sub: B	0177050158		Exp: May 08, 1987	410.000			TWP. 29, RGE. 23, W4M: LSDS. 7,
A			Ext: 95-1A	136.559			NW8, E11, E14 OF SEC 22; NE/4 &
	EOG RESOURCES						SW/4 22
100.00000000	EOG RESOURCES						ALL PNG TO BASE BANFF FORMATION
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000271	PNG FH	Eff: Apr 26, 1976	30.000	Total Rental:	40.50		Area : CARBON
Sub: A	WRAY, ET AL	Exp: Apr 25, 1981	30.000				TWP. 29, RGE. 23, W4M: PTN.
A		Ext: HBP	9.992				LSD. 8 OF SEC 22
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000271	PNG FH	Eff: Apr 26, 1976	0.000	Total Rental:	0.00		Area : CARBON
Sub: B	WRAY, ET AL	Exp: Apr 25, 1981	0.000				TWP. 29, RGE. 23, W4M: PTN.
A		Ext: HBP	0.000				LSD. 8 OF SEC 22
	EOG RESOURCES						ALL PNG FROM BASE PEKISKC
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000384	PNG FH	Eff: Oct 18, 1972	40.000	Total Rental:	40.00		Area : CARBON
Sub: C	FREETHY ESTATE	Exp: Oct 17, 1977	40.000				TWP. 29, RGE. 23, W4M: LSD 12,
A		Ext: HBP	13.323				13, W 11 & W14 OF SEC 22
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
33.33000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000384	PNG FH	Eff: Oct 18, 1972	0.000	Total Rental:	0.00		Area : CARBON
Sub: D	FREETHY ESTATE	Exp: Oct 17, 1977	0.000				TWP. 29, RGE. 23, W4M: LSD 12,
A		Ext: HBP	0.000				13, W 11 & W 14 OF SEC 22
	EOG RESOURCES						ALL PNG FROM BASE PEKISKO TO
33.33000000	EOG RESOURCES						BASE BANFF FORMATION

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File Number	File Status	Mineral Int	Lse Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Gross	Net	DOI Partner(s)	*	*
(cont'd)											
000384	Sub: D		Status				Acres	Net		Acres	Net
000385	Sub: C	A	PNG	FH	ASH, G D (ESTATE)	EOG RESOURCES	40.000	Total Rental:	40.00		Area : CARBON
					Exp: Jul 10, 1977	EOG RESOURCES	40.000				TWP. 29, RGE. 23, W4M: LSDS.
					Ext: HBP	EOG RESOURCES	13.323				12, 13, W 11 & W14 OF SEC 22
33.33300000			Status				Acres	Net		Acres	Net
000385	Sub: D	A	PNG	FH	ASH, G D (ESTATE)	EOG RESOURCES	0.000	Total Rental:	0.00		Area : CARBON
					Exp: Jul 10, 1977	EOG RESOURCES	0.000				TWP. 29, RGE. 23, W4M: LSDS 12,
					Ext: HBP	EOG RESOURCES	0.000				13, W11 & W14 OF SEC 22
33.33300000			Status				Acres	Net		Acres	Net
000386	Sub: C	A	PNG	FH	DOLL ESTATE	EOG RESOURCES	40.000	Total Rental:	40.00		Area : CARBON
					Exp: Jul 18, 1977	EOG RESOURCES	40.000				TWP. 29, RGE. 23, W4M: LSDS 12,
					Ext: HBP	EOG RESOURCES	13.323				13, W11 & W14 OF SEC 22
33.33300000			Status				Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000032							
Sub: A	Status		Acres	Net		Acres	Net
							SECS. 27 & 28
							P&NG FROM BASE BELLY RIVER TO BASE PEKISKO IN 32 & 33, EXCL. VIKING IN SEC. 33 AND ALL PRODUCTION FROM 100/06-32-29-23 W4/02
000032	PNG	CR	Eff: Sep 20, 1974	2,880.000	Total Rental:	0.00	
Sub: D	37736		Exp: Sep 19, 1984	2,880.000			
A			Ext: 95-1	644.544			
	EOG RESOURCES						Area : SWALWELL
100.00000000	EOG RESOURCES						TWP. 29, RGE. 23, W4M: SEC. 27, 28, N/2 & SW/4 29, S/2 & NW/4 32, SEC. 33
	Status		Acres	Net		Acres	Net
							NATURAL GAS TO BASE BELLY RIVER, INCL. CBM (POOLED)
							(EXCL. PRODUCTION FROM 06-32-29-23 W4M/02 & 102/06-33-029-23 W4M/00)
000032	PNG	CR	Eff: Sep 20, 1974	480.000	Total Rental:	672.00	
Sub: B	37736		Exp: Sep 19, 1984	480.000			
A			Ext: 99-1A	114.130			
	EOG RESOURCES						Area : SWALWELL
100.00000000	EOG RESOURCES	Count	Acresage = No				TWP. 29, RGE. 23, W4M: N/2 & SW/4 29
							PETROLEUM ONLY TO BASE BELLY RIVER; ALL PNG FROM BASE BELLY RIVER TO BASE VIKING

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000032							
Sub: B	Status		Acres	Net		Acres	Net
000227	PNG	CR	Eff: May 09, 1977	160.000	Total Rental: 224.00		Area : CARBON
Sub: D	0177050158		Exp: May 08, 1987	160.000			TWP. 29, RGE. 23, W4M: SE/4 29
A			Ext: 95-1A	38.043			PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; ALL PNG BELOW BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
000227	PNG	CR	Eff: May 09, 1977	160.000	Total Rental: 0.00		Area : CARBON
Sub: E	0177050158		Exp: May 08, 1987	160.000			TWP. 29, RGE. 23, W4M: SE/4 29
A			Ext: 95-1A	35.808			NATURAL GAS TO BASE BELLY
	EOG RESOURCES						RIVER, INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000033.	PNG	CR	Eff: Sep 20, 1974	960.000	Total Rental: 1344.00		Area : SWALWELL
Sub: A	37737		Exp: Sep 19, 1984	960.000			TWP. 29, RGE. 23, W4M: SEC. 30,
A			Ext: 15	240.000			S/2 31
	EOG RESOURCES						PETROLEUM ONLY TO BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER; ALL PNG BELOW BASE BELLY
	Status		Acres	Net		Acres	Net
							RIVER TO BASE PEKISKC

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000033	PNG	CR	Eff: Sep 20, 1974	980.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	37737		Exp: Sep 19, 1984	980.000			TWP. 29, RGE. 23, W4M: SEC. 30,
A			Ext: 15	214.848			S/2 31
	EOG RESOURCES						NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						INCL. CBM (POOLED)
	Status		Acres	Net		Acres	Net
000041	PNG	CR	Eff: Nov 18, 1975	320.000	Total Rental:	448.00	Area : SWALWELL
Sub: A	40766		Exp: Nov 17, 1985	320.000			TWP. 29, RGE. 23, W4M: N/2 31
A			Ext: 95-1A	80.000			PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; ALL P&NG BELOW BASE
100.00000000	EOG RESOURCES	Count Acreage = No					BELLY RIVER TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000041	PNG	CR	Eff: Nov 18, 1975	320.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	40766		Exp: Nov 17, 1985	320.000			TWP. 29, RGE. 23, W4M: N/2 31
A			Ext: 95-1A	71.616			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000042	PNG	CR	Eff: Nov 18, 1975	160.000	Total Rental:	224.00	Area : SWALWELL
Sub: A	40767		Exp: Nov 17, 1985	160.000			TWP. 29, RGE. 23, W4M: NE/4 32
A			Ext: 95-1A	40.000			PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; ALL P&NG BELOW BASE
100.00000000	EOG RESOURCES	Count Acreage = No					BELLY RIVER TO BASE PEKISKC

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000042							
Sub: A	Status		Acres	Net		Acres	Net
000042	PNG	CR	Eff: Nov 18, 1975	160.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	40767		Exp: Nov 17, 1985	160.000			TWP. 29, RGE. 23, W4M: NE/4 32
A			Ext: 95-1A	35.808			NATURAL GAS TO BASE BELLY
	EOG RESOURCES						RIVER, INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000032	PNG	CR	Eff: Sep 20, 1974	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: C	37736		Exp: Sep 19, 1984	0.000			TWP. 29, RGE. 23, W4M: SEC. 33
A			Ext: 95-1	0.000			ALL PNG IN VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001236	PNG	CR	Eff: Jan 18, 1971	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: A	24480-C		Exp: Jan 17, 1981	640.000			TWP. 29, RGE. 24, W4M: SEC. 1
A			Ext: 15	0.000			ALL PNG TO BASE VIKING
	PIONEER NATURAL						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000885	PNG	CR	Eff: Jan 18, 1971	640.000	Total Rental:	896.00	Area : SWALWELL
Sub: A	24480		Exp: Jan 17, 1981	640.000			TWP. 29, RGE. 24, W4M: SEC. 2
A			Ext: 99	93.344			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000934	PNG	CR	Eff: Sep 06, 1990	480.000	Total Rental:	672.00	Area : SWALWELL
Sub: A	0490090079		Exp: Sep 05, 1995	480.000			TWP. 29, RGE. 24, W4M: S/2 &
A			Ext: 95-A	180.000			NE/4 3
	PIONEER NATURAL						ALL PNG ABOVE BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001100	PNG	CR	Eff: Jan 18, 1971	160.000	Total Rental:	224.00	Area : SWALWELL
Sub: A	24481-A		Exp: Jan 17, 1981	160.000			TWP. 29, RGE. 24, W4M: NW/4 3
A				60.000			ALL PNG TO BASE BELLY RIVER
	PIONEER NATURAL						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000982	PNG	CR	Eff: Jan 18, 1971	640.000	Total Rental:	896.00	Area : SWALWELL
Sub: A	24481		Exp: Jan 17, 1981	640.000			TWP. 29, RGE. 24, W4M: NE/4 4;
A			Ext: 95	53.328			S/2 & NW/4 5
	EOG RESOURCES						ALL PNG TO BASE VIKING (EXCL.
100.00000000	EOG RESOURCES						TO BASE BELLY RIVER IN NE/4-4;

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000982							
Sub: A	Status		Acres	Net		Acres	Net
000982	PNG	CR	Eff: Jan 18, 1971	160.000	Total Rental: 0.00		Area : SWALWELL
Sub: C	24481		Exp: Jan 17, 1981	160.000			TWP. 29, RGE. 24, W4M: NE/4 4
A			Ext: 95	13.332			ALL PNG BELOW VIKING TO BASE
	EOG RESOURCES						PEKISKO
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000982	PNG	CR	Eff: Jan 18, 1971	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: D	24481		Exp: Jan 17, 1981	480.000			TWP. 29, RGE. 24, W4M: ALL SEC.
A			Ext: 95	9.999			4
	PIONEER NATURAL						ALL PNG TO BASE BELLY RIVER ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000982	PNG	CR	Eff: Jan 18, 1971	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: F	24481		Exp: Jan 17, 1981	480.000			TWP. 29, RGE. 24, W4M: S/2 &
A			Ext: 95-1	0.000			NW/4 4
	PIONEER NATURAL	Ext: May 20, 1995					ALL PNG TO TOP BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000982	PNG	CR	Eff: Jan 18, 1971	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: B	24481		Exp: Jan 17, 1981	160.000			TWP. 29, RGE. 24, W4M: NE/4 5
A			Ext: 95	13.332			ALL PNG IN VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000982	PNG	CR	Eff: Jan 18, 1971	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: E	24481		Exp: Jan 17, 1981	0.000			TWP. 29, RGE. 24, W4M: NE/4 5
A			Ext: 95	0.000			ALL PNG TO TOP VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001076	PNG	CR	Eff: Jun 17, 1994	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: A	0494060038		Exp: Jun 16, 1999	640.000			TWP. 29, RGE. 24, W4M: SEC. 6
A			Ext: 15	320.000			ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NATURAL GAS FROM BASE BELLY
100.00000000	EOG RESOURCES						RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
001076	PNG	CR	Eff: Jun 17, 1994	640.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	0494060038		Exp: Jun 16, 1999	640.000			TWP. 29, RGE. 24, W4M: SEC. 6
A			Ext: 15	240.000			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001076							
Sub: B	Status		Acres	Net		Acres	Net
000007	PNG	CR	Eff: Oct 10, 1967	640.000	Total Rental: 0.00		Area : SWALWELL
Sub: A	12191		Exp: Oct 09, 1977	640.000			TWP. 29, RGE. 24, W4M: SEC. 7
A			Ext: 99	240.000			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						ZONE ONLY
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000007	PNG	CR	Eff: Oct 10, 1967	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: B	12191		Exp: Oct 09, 1977	640.000			TWP. 29, RGE. 24, W4M: SEC. 7
A			Ext: 99	160.000			ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NATURAL GAS BELOW BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
001100	PNG	CR	Eff: Jan 18, 1971	800.000	Total Rental: 1120.00		Area : SWALWELL
Sub: B	24481-A		Exp: Jan 17, 1981	800.000			TWP. 29, RGE. 24, W4M: N & SW
A			Ext: 95	0.000			9; N 10
	PIONEER NATURAL	Ext: Jul 27, 1996					ALL PNG TO BASE BELLY RIVER
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001100	PNG	CR	Eff: Jan 18, 1971	320.000	Total Rental: 448.00		Area : SWALWELL
Sub: C	24481-A		Exp: Jan 17, 1981	320.000			TWP. 29, RGE. 24, W4M: SE 9; SE
A			Ext: 95	0.000			10
	PIONEER NATURAL		Ext: Jul 27, 1998				ALL PNG TO BASE VIKING
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000936	PNG	CR	Eff: Jan 28, 1990	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: C	0490010488		Exp: Jan 27, 1995	160.000			TWP. 29, RGE. 24, W4M: NW/4 10
A			Ext: 95	21.000			ALL PNG BELOW BASE VIKING TO
	PIONEER NATURAL						BASE PEKISKO
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000936	PNG	CR	Eff: Jan 28, 1990	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: D	0490010488		Exp: Jan 27, 1995	160.000			TWP. 29, RGE. 24, W4M: NE/4 10
A			Ext: 95	21.000			ALL PNG BELOW BASE VIKING TO
	PIONEER NATURAL						TOP NISKU
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000936	PNG	CR	Eff: Jan 28, 1990	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: E	0490010488		Exp: Jan 27, 1995	0.000			TWP. 29, RGE. 24, W4M: N/2 10;
A			Ext: 95	0.000			W/2 11
	PIONEER NATURAL						ALL PNG IN NISKU ZONE
100.00000000	PIONEER NATURAL	Count Acreage = No					

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000936							
Sub: E	Status		Acres	Net		Acres	Net
001100	PNG	CR	Eff: Jan 18, 1971	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: D	24481-A		Exp: Jan 17, 1981	160.000			TWP. 29, RGE. 24, W4M: SW 10
A			Ext: 95	0.000			ALL PNG TO BASE VIKING
	PIONEER NATURAL		Ext: Jul 27, 1996				
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000283	NG	CR	Eff: Mar 31, 1972	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: B	27619		Exp: Mar 30, 1982	160.000			TWP. 29, RGE. 24, W4M: NE 11
A			Ext: 95	0.000			ALL PNG FROM SURFACE TO BASE VIKING
	PIONEER NATURAL						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000283	NG	CR	Eff: Mar 31, 1972	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: C	27619		Exp: Mar 30, 1982	0.000			TWP. 29, RGE. 24, W4M: NE 11
A			Ext: 95	0.000			ALL PNG BELOW BASE VIKING TO BASE PEKISKO
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cent.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000283	NG	CR	Eff: Mar 31, 1972	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: D	27619		Exp: Mar 30, 1982	0.000			TWP. 29, RGE. 24, W4M: NE 11
A			Ext: 95	0.000			ALL PNG FROM BASE PEKISKO TO
	EOG RESOURCES						BASE NISKU
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000936	PNG	CR	Eff: Jan 28, 1990	320.000	Total Rental:	448.00	Area : SWALWELL
Sub: A	0490010488		Exp: Jan 27, 1995	320.000			TWP. 29, RGE. 24, W4M: W/2 11
A			Ext: 95	42.000			ALL PNG BELOW BASE PEKISKO TO
	PIONEER NATURAL						TOP NISKU
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000936	PNG	CR	Eff: Jan 28, 1990	160.000	Total Rental:	224.00	Area : SWALWELL
Sub: B	0490010488		Exp: Jan 27, 1995	160.000			TWP. 29, RGE. 24, W4M: SE/4 11
A			Ext: 95	21.000			ALL PNG BELOW BASE PEKISKO TO
	PIONEER NATURAL						TOP NISKU
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000936	PNG	CR	Eff: Jan 28, 1990	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: F	0490010488		Exp: Jan 27, 1995	0.000			TWP. 29, RGE. 24, W4M: SE/4 11
A			Ext: 95	0.000			ALL PNG IN NISKU ZONE
	PIONEER NATURAL						
100.00000000	PIONEER NATURAL						

Count Acreage = No

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000936							
Sub: F	Status		Acres	Net		Acres	Net
001240	PNG	CR	Eff: Mar 04, 1976	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: A	41712		Exp: Mar 03, 1986	480.000			TWP. 29, RGE. 24, W4M: S & NW
A			Ext: 95	0.000			11
100.00000000	PIONEER NATURAL						ALL PNG FROM SURFACE TO BASE
	EOG RESOURCES						VIKING
	Status		Acres	Net		Acres	Net
001240	PNG	CR	Eff: Mar 04, 1976	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	41712		Exp: Mar 03, 1986	0.000			TWP. 29, RGE. 24, W4M: S & NW
A			Ext: 95	0.000			11
100.00000000	EOG RESOURCES						ALL PNG FROM BASE VIKING TO
	EOG RESOURCES						BASE PEKISKO
	Status		Acres	Net		Acres	Net
001218	PNG	CR	Eff: Mar 31, 1972	800.000	Total Rental: 1120.00		Area : SWALWELL
Sub: B	27619-A		Exp: Mar 30, 1982	800.000			TWP. 29, RGE. 24, W4M: NW 12,
A			Ext: 95	0.000			W 13, E 14
100.00000000	PIONEER NATURAL		Ext: Mar 31, 1982				ALL PNG TO BASE NISKI
	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001218	PNG	CR	Eff: Mar 31, 1972	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: C	27619-A		Exp: Mar 30, 1982	480.000			TWP. 29, RGE. 24, W4M: S & NE
A			Ext: 95	0.000			12
	PIONEER NATURAL		Ext: Mar 31, 1982				ALL PNG TO BASE PEKISKC
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000388	PNG	CR	Eff: Sep 20, 1974	160.000	Total Rental: 224.00		Area : CARBON
Sub: C	37734		Exp: Sep 19, 1984	160.000			TWP. 29, RGE. 24, W4M: SE/4 13
A			Ext: 16	40.000			ALL PNG BELOW BASE BELLY RIVER
	EOG RESOURCES		Ext: Jan 26, 2006				TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001217	PNG	CR	Eff: Oct 04, 1984	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: A	0484100028		Exp: Oct 03, 1989	160.000			TWP. 29, RGE. 24, W4M: NW/4 14
A			Ext: 95	7.393			ALL PNG IN NISKU ZONE
	PIONEER NATURAL		Ext: Oct 04, 1989				
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
001218	PNG	CR	Eff: Mar 31, 1972	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: A	27619-A		Exp: Mar 30, 1982	0.000			TWP. 29, RGE. 24, W4M: LSD. 15
A			Ext: 95	0.000			OF SEC. 14
	PIONEER NATURAL		Ext: Mar 31, 1982				ALL PNG IN NISKU ZONE
100.00000000	PIONEER NATURAL						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001218							
Sub: A	Status		Acres	Net		Acres	Net
000408	PNG	CR	Eff: Jul 29, 1982	0.000	Total Rental:	0.00	
Sub: A	0482070104		Exp: Jul 28, 1987	0.000			
A			Ext: 95	0.000			
	EOG RESOURCES						Area : SWALWELL
100.00000000	EOG RESOURCES						TWP. 29, RGE. 24, W4M: SEC. 15
	Status		Acres	Net		Acres	Net
							ALL PETROLEUM ABOVE BASE
							PEKISKO; ALL NATURAL GAS BELOW
							BASE BELLY RIVER TO BASE
							PEKISKO PLUS BELLY RIVER
							PRODUCTION FROM
							102/08-15-029-24 W4M
000408	PNG	CR	Eff: Jul 29, 1982	640.000	Total Rental:	0.00	
Sub: B	0482070104		Exp: Jul 28, 1987	640.000			
A			Ext: 95	146.688			
	EOG RESOURCES						Area : SWALWELL
100.00000000	EOG RESOURCES						TWP. 29, RGE. 24, W4M: SEC. 15
	Status		Acres	Net		Acres	Net
							NATURAL GAS TO BASE BELLY RIVER
							(POOLED) (EXCL. BR PRODUCTION
							FROM 102/08-15-29-24 W4M)
000408	PNG	CR	Eff: Jul 29, 1982	0.000	Total Rental:	896.00	
Sub: C	0482070104		Exp: Jul 28, 1987	0.000			
A			Ext: 95	0.000			
	PIONEER NATURAL						Area : SWALWELL
100.00000000	EOG RESOURCES	Count Acreage = No					TWP. 29, RGE. 24, W4M: SEC 15
	Status		Acres	Net		Acres	Net
							ALL P&NG BELOW BASE PEKISKO TO
							TOP NISKU

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000408							
Sub: C							
000408	PNG	CR	Eff: Jul 29, 1982	480.000	Total Rental: 0.00		Area : SWALWELL
Sub: F	0482070104		Exp: Jul 28, 1987	480.000			TWP. 29, RGE. 24, W4M: S/2 &
A			Ext: 95	63.000			NW/4 15
	PIONEER NATURAL						ALL PNG IN NISKU ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000408	PNG	CR	Eff: Jul 29, 1982	80.000	Total Rental: 0.00		Area : SWALWELL
Sub: D	0482070104		Exp: Jul 28, 1987	80.000			TWP. 29, RGE. 24, W4M: LSDS. 9
A			Ext: 95	10.500			& 10 OF SEC. 15
	PIONEER NATURAL		Ext: Jul 29, 1987				ALL PNG IN NISKU ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
							(9-15 PENALTY WELL ONLY)
000408	PNG	CR	Eff: Jul 29, 1982	80.000	Total Rental: 0.00		Area : SWALWELL
Sub: E	0482070104		Exp: Jul 28, 1987	80.000			TWP. 29, RGE. 24, W4M: LSDS. 15
A			Ext: 95	3.697			& 16 OF SEC. 15
	PIONEER NATURAL		Ext: Jul 29, 1987				ALL PNG IN NISKU ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net

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File Number	File Status	Mineral Int	Lse Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
000199			PNG	CR	Eff: Jul 12, 1973		640.000	Total Rental:	896.00		Area : SWALWELL
Sub: A			32514		Exp: Jul 11, 1983		640.000				TWP. 29, RGE. 24, W4M: SEC 16
A					Ext: 95		60.000				ALL P&NG TO THE BASE OF SHUNDA ZONE
					EOG RESCDA INC.						
					CREW ENERGY INC						
			Status				Acres	Net		Acres	Net
000199			PNG	CR	Eff: Jul 12, 1973		0.000	Total Rental:	0.00		Area : SWALWELL
Sub: B			32514		Exp: Jul 11, 1983		0.000				TWP. 29, RGE. 24, W4M: SEC 16
A					Ext: 95		0.000				SHUNDA & PEKISKO ZONES
					EOG RESCDA INC.						
					CREW ENERGY INC						
			Status				Acres	Net		Acres	Net
000034			PNG	CR	Eff: Sep 20, 1974		480.000	Total Rental:	672.00		Area : SWALWELL
Sub: C			37738		Exp: Sep 19, 1984		480.000				TWP. 29, RGE. 24, W4M: S/2 &
A					Ext: 15		90.000				NE/4 17
					EOG RESOURCES						ALL PNG TO BASE EDMONTON
100.00000000					EOG RESOURCES						(POOLED)
			Status				Acres	Net		Acres	Net
001299			PNG	CR	Eff: Sep 08, 2005		480.000	Total Rental:	672.00		Area : SWALWELL
Sub: A			0405090039		Exp: Sep 07, 2010		480.000				TWP. 29, RGE. 24, W4M: S & NE
A							90.000				17
					EOG RESOURCES						PNG BELOW BASE EDMONTON TO BASE
100.00000000					EOG RESOURCES						BELLY RIVER (POOLED)

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cent.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001299							
Sub: A	Status		Acres	Net		Acres	Net
001299	PNG	CR	Eff: Sep 08, 2005	480.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	0405090039		Exp: Sep 07, 2010	480.000			TWP. 29, RGE. 24, W4M: S & NE
A				120.000			17
	EOG RESOURCES						PNG BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES	Count Acreage = No					BASE PEKISKO
	Status		Acres	Net		Acres	Net
001300	PNG	FH	Eff: Nov 10, 2003	160.000	Total Rental: 160.00		Area : SWALWELL
Sub: A	KEIRLE, BARRY		Exp: Nov 09, 2005	160.000			TWP. 29, RGE. 24, W4M: NW/4 17
A				30.000			P&NG TO BASE OF BELLY RIVER
	Longbow Energy						ZONE (POOLED)
100.00000000	Longbow Energy						
	Status		Acres	Net		Acres	Net
000034	PNG	CR	Eff: Sep 20, 1974	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: A	37738		Exp: Sep 19, 1984	160.000			TWP. 29, RGE. 24, W4M: NE/4 18
A			Ext: 15	32.188			ALL PNG TO BASE EDMONTON
	EOG RESOURCES		Ext: Jul 26, 1997				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000131	PNG	CR	Eff: Jul 12, 1973	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: A	32515		Exp: Jul 11, 1983	480.000			TWP. 29, RGE. 24, W4M: S/2 &
A			Ext: 15	96.563			NW/4 18
	EOG RESOURCES		Ext: Nov 22, 2003				ALL P&NG TO BASE EDMONTON GROUP
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000026	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 0.00		Area : SWALWELL
Sub: D	32516		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 24, W4M: NE/4 19
A			Ext: HBP	21.376			NATURAL GAS ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000248	PNG	CR	Eff: Aug 03, 1978	320.000	Total Rental: 448.00		Area : SWALWELL
Sub: A	0478080010		Exp: Aug 02, 1983	320.000			TWP. 29, RGE. 24, W4M: W/2 19
A			Ext: 95	68.500			ALL PNG TO BASE PEKISKO EXCL
	EOG RESOURCES						NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000248	PNG	CR	Eff: Aug 03, 1978	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	0478080010		Exp: Aug 02, 1983	0.000			TWP. 29, RGE. 24, W4M: W/2 19
A			Ext: HBP	0.000			NATURAL GAS ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Status	Lease No	Name	Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000248							
Sub: B	Status		Acres	Net		Acres	Net
000200	PNG	FH	Eff: Feb 01, 1982	5.190	Total Rental: 10.00		Area : SWALWELL
Sub: A	SIGNALTA RESOURCE	Exp: Jan 31, 1987	5.190				TWP. 29, RGE. 24, W4M: LSDS. 1
A		Ext: HBP	0.551				& 2 OF 19 (PTN.)
	EOG RESOURCES						ALL PNG - ALL ZONES EXCL NISKU
100.00000000	EOG RESOURCES						AND BELLY RIVER GAS
	Status		Acres	Net		Acres	Net
000200	PNG	FH	Eff: Feb 01, 1982	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	SIGNALTA RESOURCE	Exp: Jan 31, 1987	0.000				TWP. 29, RGE. 24, W4M: LSDS. 1
A		Ext: HBP	0.000				& 2 OF 19 (PTN.)
	EOG RESOURCES						ALL PNG IN NISKU
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000200	PNG	FH	Eff: Feb 01, 1982	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: C	SIGNALTA RESOURCE	Exp: Jan 31, 1987	0.000				TWP. 29, RGE. 24, W4M: LSDS. 1
A		Ext: HBP	0.000				& 2 OF 19 (PTN.)
	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
100.00000000	EOG RESOURCES						RIVER
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001125	PNG FH	Eff: Nov 01, 1999	74.810	Total Rental:	75.00		Area : SWALWELL
Sub: A	KEIRLE, BARRY	Exp: Jun 30, 2000	74.810				TWP. 29, RGE. 24, W4M: PTN OF
A		Ext: HBP	7.949				LSD 1, 2 OF SEC 19
100.00000000	EOG RESOURCES	Ext: Jul 01, 2000					ALL PETROLEUM TO BASE
	EOG RESOURCES						BANFF FORMATION
	Status		Acres	Net		Acres	Net
							ALL NATURAL GAS FROM BASE
							BELLY RIVER TO BASE
							BANFF FORMATION
001125	PNG FH	Eff: Nov 01, 1999	0.000	Total Rental:	0.00		Area : SWALWELL
Sub: B	KEIRLE, BARRY	Exp: Jun 30, 2000	0.000				TWP. 29, RGE. 24, W4M: LSDS. 1
A		Ext: HBP	0.000				& 2 OF 19
100.00000000	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
	EOG RESOURCES						RIVER
	Status		Acres	Net		Acres	Net
000257	PNG CR	Eff: Sep 07, 1978	80.000	Total Rental:	112.00		Area : SWALWELL
Sub: A	0478090158	Exp: Sep 06, 1983	80.000				TWP. 29, RGE. 24, W4M: LSD 7, 8
A		Ext: 95	8.500				OF SEC. 19
100.00000000	EOG RESOURCES						ALL P&NG TO BASE OF PEKISKO
	EOG RESOURCES						EXCL. NG TO BASE BELLY RIVER
	Status		Acres	Net		Acres	Net
000257	PNG CR	Eff: Sep 07, 1978	0.000	Total Rental:	0.00		Area : SWALWELL
Sub: B	0478090158	Exp: Sep 06, 1983	0.000				TWP. 29, RGE. 24, W4M: LSDS. 7
A		Ext: HBP	0.000				& 8 OF 19

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000257							
Sub: B	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
100.00000000	EOG RESOURCES						RIVER
	Status		Acres	Net		Acres	Net
000026	PNG	CR	Eff: Jul 12, 1973	320.000	Total Rental: 448.00		Area : SWALWELL
Sub: C	32516		Exp: Jul 11, 1983	320.000			TWP. 29, RGE. 24, W4M: N/2 20
A			Ext: 95	117.500			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000034	PNG	CR	Eff: Sep 20, 1974	320.000	Total Rental: 448.00		Area : SWALWELL
Sub: B	37738		Exp: Sep 19, 1984	320.000			TWP. 29, RGE. 24, W4M: S/2 20
A			Ext: 95	117.500			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000814	PNG	CR	Eff: Nov 03, 1988	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: A	0488110046		Exp: Nov 02, 1993	160.000			TWP. 29, RGE. 24, W4M: SE/4 21
A			Ext: 95	31.111			ALL PNG BELOW BASE VIKING TO
	PIONEER NATURAL						TOP NISKU
	PIONEER NATURAL						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000814							
Sub: A	Status		Acres	Net		Acres	Net
000814	PNG	CR	Eff: Nov.03, 1988	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	0488110046		Exp: Nov 02, 1993	0.000			TWP. 29, RGE. 24, W4M: SE/4 21
A			Ext: 95	0.000			ALL PNG IN NISKU ZONE
	PIONEER NATURAL						
	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000974	PNG	CR	Eff: Aug 16, 1965	640.000	Total Rental:	896.00	Area : SWALWELL
Sub: A	6156		Exp: Aug 15, 1975	640.000			TWP. 29, RGE. 24, W4M: SEC. 21
A			Ext: 95	146.688			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES		Ext: Jul 26, 1997				(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000974	PNG	CR	Eff: Aug 16, 1965	640.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	6156		Exp: Aug 15, 1975	640.000			TWP. 29, RGE. 24, W4M: SEC. 21
A			Ext: 95	160.000			ALL PETROLEUM TO BASE BELLY
	EOG RESOURCES		Ext: Jul 26, 1997				RIVER AND ALL BELLY RIVER NG
100.00000000	EOG RESOURCES		Count Acreage = No				PRODUCTION FROM WELLS
	Status		Acres	Net		Acres	Net
							102/09-21-29-24 W4M AND
							102/09-21-29-24 W4M/02.

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Dot Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000814							
Sub: A	Status		Acres	Net		Acres	Net
000814	PNG	CR	Eff: Nov 03, 1988	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	0488110046		Exp: Nov 02, 1993	0.000			TWP. 29, RGE. 24, W4M: SE/4 21
A			Ext: 95	0.000			ALL PNG IN NISKU ZONE
	PIONEER NATURAL						
	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000974	PNG	CR	Eff: Aug 16, 1965	640.000	Total Rental:	896.00	Area : SWALWELL
Sub: A	6156		Exp: Aug 15, 1975	640.000			TWP. 29, RGE. 24, W4M: SEC. 21
A			Ext: 95	146.688			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES		Ext: Jul 26, 1997				(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000974	PNG	CR	Eff: Aug 16, 1965	640.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	6156		Exp: Aug 15, 1975	640.000			TWP. 29, RGE. 24, W4M: SEC. 21
A			Ext: 95	160.000			ALL PETROLEUM TO BASE BELLY
	EOG RESOURCES		Ext: Jul 26, 1997				RIVER AND ALL BELLY RIVER NG
100.00000000	EOG RESOURCES		Count Acreage = No				PRODUCTION FROM WELLS
	Status		Acres	Net		Acres	Net
							102/09-21-29-24 W4M AND
							102/09-21-29-24 W4M/02.

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000943	PNG	CR	Eff: Oct 16, 1986	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: A	0486100194		Exp: Oct 15, 1991	160.000			TWP. 29, RGE. 24, W4M: NW/4 22
A			Ext: 95	30.000			ALL PNG BELOW BASE PEKISKO TO
100.00000000	PIONEER NATURAL						BASE NISKU
	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000943	PNG	CR	Eff: Oct 16, 1986	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: B	0486100194		Exp: Oct 15, 1991	160.000			TWP. 29, RGE. 24, W4M: SE/4
A			Ext: 95	7.393			SEC. 22
100.00000000	PIONEER NATURAL		Ext: Oct 16, 1991				ALL PNG IN NISKU ZONE
	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000976	PNG	CR	Eff: Mar 04, 1976	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: A	41713		Exp: Mar 03, 1986	640.000			TWP. 29, RGE. 24, W4M: SEC. 22
A			Ext: 95	146.688			NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						ZONE (POOLED)
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000976	PNG	CR	Eff: Mar 04, 1976	640.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	41713		Exp: Mar 03, 1986	640.000			TWP. 29, RGE. 24, W4M: SEC. 22
A			Ext: 95	160.000			PETROLEUM TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						ZONE; ALL PNG FROM BASE BELLY
	EOG RESOURCES						RIVER TO BASE PEKISKC
			Count Acreage = No				

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000976							
Sub: B	Status		Acres	Net		Acres	Net
000977	PNG	CR	Eff: Oct 10, 1967	640.000	Total Rental: 0.00		Area : SWALWELL
Sub: A	12192		Exp: Oct 09, 1977	640.000			TWP. 29, RGE. 24, W4M: SEC. 23
A			Ext: 95	146.688			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(EXCL. BELLY RIVER PRODUCTION
100.00000000	EOG RESOURCES	Count Acreage = No					FROM THE WELL 06-23-29-24
	Status		Acres	Net		Acres	W4M/02)
000977	PNG	CR	Eff: Oct 10, 1967	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: B	12192		Exp: Oct 09, 1977	640.000			TWP. 29, RGE. 24, W4M: SEC. 23
A			Ext: 95	80.000			ALL PNG FROM BASE BELLY RIVER
	EOG RESOURCES						TO TOP NISKU EXCL. VIKING; AND
100.00000000	EOG RESOURCES						ALL PETROLEUM TO BASE BELLY
	Status		Acres	Net		Acres	RIVER; ALSO INCLUDES BELLY
							RIVER PRODUCTION FROM
							06-23-29-24 W4M/02.
000977	PNG	CR	Eff: Oct 10, 1967	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: C	12192		Exp: Oct 09, 1977	0.000			TWP. 29, RGE. 24, W4M: SEC. 23
A			Ext: 95	0.000			ALL PNG - VIKING ZONE ONLY
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000977							
Sub: C							
000977	PNG	CR	Eff: Oct 10, 1967	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: D	12192		Exp: Oct 09, 1977	0.000			TWP. 29, RGE. 24, W4M: N/2 &
A			Ext: 95	0.000			SE/4 SEC. 23
	EOG RESOURCES						ALL PNG IN NISKU ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000977							
Sub: E							
A							
000977	PNG	CR	Eff: Oct 10, 1967	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: E	12192		Exp: Oct 09, 1977	0.000			TWP. 29, RGE. 24, W4M: SW/4
A			Ext: 95	0.000			SEC. 23
	EOG RESOURCES						ALL PNG IN NISKU ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001317							
Sub: A							
A							
001317	PNG	CR	Eff: Jan 15, 1981	320.000	Total Rental:	448.00	Area : TWINING
Sub: A	0481010025		Exp: Jan 14, 1986	320.000			TWP. 29, RGE. 24, W4M: S 24
A			Ext: 95-1	20.000			NATURAL GAS ONLY TO BASE BELLY
	EOG RESOURCES						RIVER (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001317							
A							
001317	PNG	CR	Eff: Jan 15, 1981	320.000	Total Rental:	0.00	Area : TWINING

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							Gross				
							Net	Doi Partner(s)	*	*	
(cont'd)											
001317											
Sub: B			0481010025		Exp: Jan 14, 1986		320.000				TWP. 29, RGE. 24, W4M: S 24
A					Ext: 95-1		40.000				PETROLEUM TO BASE BELLY RIVER
			EOG RESOURCES								
100.00000000			EOG RESOURCES		Count Acreage = No						
			Status				Acres	Net		Acres	Net
001337			PNG	CR	Eff: Aug 08, 2002		320.000	Total Rental:	448.00		Area : TWINING
Sub: A			0402080052		Exp: Aug 07, 2007		320.000				TWP. 29, RGE. 24, W4M: N 24
A					Ext: 95-1		20.000				NATURAL GAS ONLY TO BASE BELLY RIVER (POOLED)
			EOG RESOURCES								
100.00000000			EOG RESOURCES								
			Status				Acres	Net		Acres	Net
000033			PNG	CR	Eff: Sep 20, 1974		320.000	Total Rental:	448.00		Area : SWALWELL
Sub: C			37737		Exp: Sep 19, 1984		320.000				TWP. 29, RGE. 24, W4M: E/2 25
A					Ext: 15		120.000				PETROLEUM TO BASE VIKING; NG
			EOG RESOURCES								BELOW BASE BELLY RIVER TO BASE
100.00000000			EOG RESOURCES								VIKING
			Status				Acres	Net		Acres	Net
000033			PNG	CR	Eff: Sep 20, 1974		320.000	Total Rental:	0.00		Area : SWALWELL
Sub: D			37737		Exp: Sep 19, 1984		320.000				TWP. 29, RGE. 24, W4M: E/2 25
A					Ext: 15		83.328				NG ONLY TO BASE BELLY RIVER
			EOG RESOURCES								INCL. CBM (POOLED)

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

(cont'd)

000033

Sub: D

100.00000000 EOG RESOURCES Count Acreage = No

Status	Acres	Net	Acres	Net
000126 PNG CR Eff: Nov 12, 1974 320.000 Total Rental: 448.00				
Sub: B 37059 Exp: Nov 11, 1984 320.000				
A Ext: 99-1A 120.000				
EOG RESOURCES				
100.00000000 EOG RESOURCES				

Area : SWALWELL
TWP. 29, RGE. 24, W4M: W/2 25
PETROLEUM TO BASE VIKING; NG
BELOW BASE BELLY RIVER TO BASE
VIKING ZONE

Status	Acres	Net	Acres	Net
000126 PNG CR Eff: Nov 12, 1974 320.000 Total Rental: 0.00				
Sub: C 37059 Exp: Nov 11, 1984 320.000				
A Ext: 99 83.328				
EOG RESOURCES				
100.00000000 EOG RESOURCES Count Acreage = No				

Area : SWALWELL
TWP. 29, RGE. 24, W4M: W/2 25;
S/2 36
NG TO BASE BELLY RIVER INCL.
CBM (POOLED)

Status	Acres	Net	Acres	Net
000035 PNG CR Eff: Sep 20, 1974 160.000 Total Rental: 0.00				
Sub: A 37739 Exp: Sep 19, 1984 160.000				
A Ext: 95 40.000				
EOG RESOURCES				
100.00000000 EOG RESOURCES Count Acreage = No				

Area : SWALWELL
TWP. 29, RGE. 24, W4M: NE/4 26
ALL P&NG TO BASE PEKISKO EXCL
VIKING ZONE

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000035							
Sub: A	Status		Acres	Net		Acres	Net
000035	PNG	CR	Eff: Sep 20, 1974	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: B	37739		Exp: Sep 19, 1984	160.000			TWP. 29, RGE. 24, W4M: NE/4 26
A			Ext: 95	45.000			VIKING ZONE ONLY (POOLED)
	EOG RESOURCES						
100.000000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000234	PNG	FH	Eff: Sep 25, 1967	159.660	Total Rental: 159.66		Area : ENTICE
Sub: A	FOX, M./SHIELDS		Exp: Sep 24, 1977	159.660			TWP. 29, RGE. 24, W4M: SE/4 26
A			Ext: HBP	44.904			ALL P & NG IN VIKING ONLY
	EOG RESOURCES						
100.000000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000234	PNG	FH	Eff: Sep 25, 1967	0.000	Total Rental: 0.00		Area : ENTICE
Sub: B	FOX, M./SHIELDS		Exp: Sep 24, 1977	0.000			TWP. 29, RGE. 24, W4M: SE/4 26
A			Ext: HBP	0.000			ALL PNG EXCL VIKING
	EOG RESOURCES						
100.000000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000235	PNG FH	Eff: Aug 30, 1977	320.000	Total Rental:	320.00		Area : SWALWELL
Sub: A	CANPAR/PIONEER	Exp: Aug 29, 1987	320.000				TWP. 29, RGE. 24, W4M: W/2 26
A		Ext: HBP	90.000				ALL PNG IN VIKING ZONE
	EOG RESOURCES						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000235	PNG FH	Eff: Aug 30, 1977	0.000	Total Rental:	0.00		Area : SWALWELL
Sub: B	CANPAR/PIONEER	Exp: Aug 29, 1987	0.000				TWP. 29, RGE. 24, W4M: W/2 26
A		Ext: HBP	0.000				ALL PNG FROM BASE BELLY RIVER
	EOG RESOURCES						TO BASE BANFF EXCLUDING VIKING
100.00000000	PIONEER NATURAL	Count Acreage = No					ZONE
	Status		Acres	Net		Acres	Net
000035	PNG CR	Eff: Sep 20, 1974	320.000	Total Rental:	448.00		Area : SWALWELL
Sub: E	37739	Exp: Sep 19, 1984	320.000				TWP. 29, RGE. 24, W4M: E/2 27
A		Ext: 95	80.000				PETROLEUM TO BASE BELLY RIVER;
	EOG RESOURCES						P&NG BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES						BASE PEKISKO AND BELLY RIVER
	Status		Acres	Net		Acres	PRODUCTION FROM
							102/06-27-29-024 W4M
000035	PNG CR	Eff: Sep 20, 1974	320.000	Total Rental:	0.00		Area : SWALWELL
Sub: F	37739	Exp: Sep 19, 1984	320.000				TWP. 29, RGE. 24, W4M: E/2 27
A		Ext: 95	73.344				NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(POOLED)

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

(cont'd)

000035

Sub: F

100.00000000 EOG RESOURCES Count Acreage = No

Status	Acre	Net	Acre	Net	
000037	PNG	CR	Eff: May 08, 1975	320.000	Total Rental: 448.00
Sub: A	39002		Exp: May 07, 1985	320.000	
A			Ext: 99-1A	80.000	
	EOG RESOURCES				Area: SWALWELL
100.00000000	EOG RESOURCES				TWP. 29, RGE. 24, W4M: W/2 27
					PETROLEUM TO BASE BELLY RIVER;
					P&NG BELOW BASE BELLY RIVER TO
					BASE PEKISKO AND BELLY RIVER
					PRODUCTION FROM 102/06-27-29-24
					W4M

000037	PNG	CR	Eff: May 08, 1975	320.000	Total Rental: 0.00	Area: SWALWELL
Sub: B	39002		Exp: May 07, 1985	320.000		TWP. 29, RGE. 24, W4M: W/2 27
A			Ext: 99-1A	73.344		NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES					(POOLED) (EXCL. BR PRODUCTION
100.00000000	EOG RESOURCES					FROM 102/06-27-29-24 W4M)

000026	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 224.00	Area: SWALWELL
Sub: A	32516		Exp: Jul 11, 1983	160.000		TWP. 29, RGE. 24, W4M: SW/4 28
A			Ext: 95	34.325		(11-28 WELL ONLY)
	EOG RESOURCES					ALL PNG TO BASE PEKISKO
100.00000000	CREW ENERGY INC					

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							Net	DOI Partner(s)	*	*	
(cont'd)											
000026	Sub: A		Status				Acres	Net		Acres	Net
000026	Sub: B		PNG	CR	32516	Eff: Jul 12, 1973 Exp: Jul 11, 1983 Ext: 99-1A	160.000 160.000 58.678	Total Rental:	0.00		Area : SWALWELL TWP. 29, RGE. 24, W4M: SW/4 28 (16-28 PENALTY WELL ONLY) ALL PNG TO BASE PEKISKC
100.00000000			EOG RESOURCES								
100.00000000			CREW ENERGY INC			Count Acreage = No					
			Status				Acres	Net		Acres	Net
000037	Sub: C		PNG	CR	39002	Eff: May 08, 1975 Exp: May 07, 1985 Ext: 99-1A	0.000 0.000 0.000	Total Rental:	0.00		Area : SWALWELL TWP. 29, RGE. 24, W4M: E/2 28 (16-28 PENALTY WELL ONLY) ALL P&NG TO THE BASE OF PEKISKO ZONE
100.00000000			EOG RESOURCES								
100.00000000			EOG RESOURCES								
			Status				Acres	Net		Acres	Net
000037	Sub: D		PNG	CR	39002	Eff: May 08, 1975 Exp: May 07, 1985 Ext: 99-1A	320.000 320.000 68.650	Total Rental:	448.00		Area : SWALWELL TWP. 29, RGE. 24, W4M: E/2 28 (11-28 WELL ONLY) ALL P&NG TO BASE OF PEKISKO ZONE
100.00000000			EOG RESOURCES								
100.00000000			EOG RESOURCES								
			Status				Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000377	PNG	CR	Eff: Feb 12, 1970	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: A	20936		Exp: Feb 11, 1980	160.000			TWP. 29, RGE. 24, W4M: NW/4 28
A			Ext: 99	34.325			(11-28 WELL ONLY)
	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
100.00000000	EOG RESOURCES						ZONE
	Status		Acres	Net		Acres	Net
000377	PNG	CR	Eff: Feb 12, 1970	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	20936		Exp: Feb 11, 1980	0.000			TWP. 29, RGE. 24, W4M: NW/4 28
A			Ext: 99-1A	0.000			(16-28 PENALTY WELL ONLY)
	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
100.00000000	EOG RESOURCES						ZONE
	Status		Acres	Net		Acres	Net
000377	PNG	CR	Eff: Feb 12, 1970	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: F	20936		Exp: Feb 11, 1980	640.000			TWP. 29, RGE. 24, W4M: SEC. 29
A			Ext: 95	186.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000978	PNG	CR	Eff: Jan 25, 1965	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: A	4926-A		Exp: Jan 24, 1975	480.000			TWP. 29, RGE. 24, W4M: NE/4 &
A			Ext: 95	120.000			SW/4 31
	EOG RESOURCES						TWP. 30, RGE. 24, W4M: SE/4 6
100.00000000	EOG RESOURCES						ALL PNG TO BASE BELLY RIVER

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000978							
Sub: A	Status		Acres	Net		Acres	Net
000377	PNG	CR	Eff: Feb 12, 1970	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: E	20936		Exp: Feb 11, 1980	160.000			TWP. 29, RGE. 24, W4M: SE/4 32
A			Ext: 99	43.250			ALL PNG BELOW BASE BELLY RIVER
	EOG RESOURCES						TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000377	PNG	CR	Eff: Feb 12, 1970	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: G	20936		Exp: Feb 11, 1980	0.000			TWP. 29, RGE. 24, W4M: SE/4 32
A			Ext: 99	0.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001293	PNG	CR	Eff: Jun 29, 2000	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: A	0400060404		Exp: Jun 28, 2005	480.000			TWP. 29, RGE. 24, W4M: N/2 &
A			Ext: 15	106.608			SW/4 32
	EOG RESOURCES						ALL PNG TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000377	PNG	CR	Eff: Feb 12, 1970	160.000	Total Rental:	224.00	Area : SWALWELL
Sub: C	20936		Exp: Feb 11, 1980	160.000			TWP. 29, RGE. 24, W4M: SW/4 33
A			Ext: 99	46.500			PETROLEUM ONLY TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000377	PNG	CR	Eff: Feb 12, 1970	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: D	20936		Exp: Feb 11, 1980	0.000			TWP. 29, RGE. 24, W4M: SW/4 33
A			Ext: 99	0.000			NATURAL GAS ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000377	PNG	CR	Eff: Feb 12, 1970	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: H	20936		Exp: Feb 11, 1980	0.000			TWP. 29, RGE. 24, W4M: SW/4 33
A			Ext: 99	0.000			NATURAL GAS ONLY FROM BASE BELLY RIVER TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000978	PNG	CR	Eff: Jan 25, 1965	480.000	Total Rental:	0.00	Area : SWALWELL
Sub: D	4926-A		Exp: Jan 24, 1975	480.000			TWP. 29, RGE. 24, W4M: N/2 & SE/4 33
A			Ext: 95	120.699			
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					TWP 30, RGE. 24, W4M: S/2 & NE/4 4

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000978							
Sub: D	Status		Acres	Net		Acres	Net
							NATURAL GAS ONLY TO BASE BELLY RIVER
000978	PNG	CR	Eff: Jan 25, 1965	0.000	Total Rental:	0.00	Area : SWALWELL
Sub: E	4926-A		Exp: Jan 24, 1975	0.000			TWP. 29, RGE. 24, W4M: N/2 &
A			Ext: 95	0.000			SE/4 33
	EOG RESOURCES						PETROLEUM ONLY TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000978	PNG	CR	Eff: Jan 25, 1965	480.000	Total Rental:	672.00	Area : SWALWELL
Sub: F	4926-A		Exp: Jan 24, 1975	480.000			TWP. 29, RGE. 24, W4M: N/2 &
A			Ext: 95	124.875			SE/4 33
	EOG RESOURCES						NATURAL GAS ONLY FROM BASE
100.00000000	EOG RESOURCES						BELLY RIVER TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000035	PNG	CR	Eff: Sep 20, 1974	320.000	Total Rental:	448.00	Area : SWALWELL
Sub: C	37739		Exp: Sep 19, 1984	320.000			TWP. 29, RGE. 24, W4M: E/2 34
A			Ext: 16	80.000			PETROLEUM ONLY TO BASE EDMONTON
	EOG RESOURCES		Ext: Jul 25, 2005				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000035							
Sub: C							
000035	PNG	CR	Eff: Sep 20, 1974	320.000	Total Rental:	0.00	Area : SWALWELL
Sub: D	37739		Exp: Sep 19, 1984	320.000			TWP. 29, RGE. 24, W4M: E/2 34
A			Ext: 15	73.344			NATURAL GAS TO BASE EDMONTON
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES	Count Acreage =	No				
	Status		Acres	Net		Acres	Net
000038	PNG	CR	Eff: May 08, 1975	320.000	Total Rental:	448.00	Area : SWALWELL
Sub: A	39005		Exp: May 07, 1985	320.000			TWP. 29, RGE. 24, W4M: W/2 34
A			Ext: 99-1A	80.000			PETROLEUM TO BASE BELLY RIVER;
	EOG RESOURCES						P&NG BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES						BASE VIKING
	Status		Acres	Net		Acres	Net
000038	PNG	CR	Eff: May 08, 1975	320.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	39005		Exp: May 07, 1985	320.000			TWP. 29, RGE. 24, W4M: W/2 34
A			Ext: 99-1A	73.344			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES	Count Acreage =	No				
	Status		Acres	Net		Acres	Net
000035	PNG	CR	Eff: Sep 20, 1974	640.000	Total Rental:	896.00	Area : SWALWELL

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000035							
Sub: G	37739	Exp: Sep 19, 1984	640.000				TWP. 29, RGE. 24, W4M; SEC. 35
A		Ext: 99-1	160.000				ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NG BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES						BASE VIKING
	Status		Acres	Net		Acres	Net
000035	PNG	CR	Eff: Sep 20, 1974	640.000	Total Rental: 0.00		Area: SWALWELL
Sub: H	37739	Exp: Sep 19, 1984	640.000				TWP. 29, RGE. 24, W4M; SEC. 35
A		Ext: 99-1	166.656				NG TO BASE BELLY RIVER INCL CBM
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000043	PNG	CR	Eff: Nov 18, 1975	320.000	Total Rental: 448.00		Area: SWALWELL
Sub: A	40769	Exp: Nov 17, 1985	320.000				TWP. 29, RGE. 24, W4M; N/2 36
A		Ext: 95-1A	120.000				ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NG BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES						BASE VIKING ZONE
	Status		Acres	Net		Acres	Net
000043	PNG	CR	Eff: Nov 18, 1975	320.000	Total Rental: 0.00		Area: SWALWELL
Sub: B	40769	Exp: Nov 17, 1985	320.000				TWP. 29, RGE. 24, W4M; N/2 36
A		Ext: 95-1A	83.328				NG ONLY TO BASE BELLY RIVER
	EOG RESOURCES						INCL. CBM (POOLED)

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000043							
Sub: B							
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000126	PNG	CR	Eff: Nov 12, 1974	320.000	Total Rental: 448.00		Area : SWALWELL
Sub: A	37059		Exp: Nov 11, 1984	320.000			TWP. 29, RGE. 24, W4M: S/2 36
A			Ext: 99	120.000			ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NG BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES						VIKING ZONE
	Status		Acres	Net		Acres	Net
000008	PNG	CR	Eff: Oct 10, 1967	1,280.000	Total Rental: 1792.00		Area : SWALWELL
Sub: A	12193		Exp: Oct 09, 1977	1,280.000			TWP. 29, RGE. 25, W4M: SECS. 1,
A			Ext: 99	480.000			12
	EOG RESOURCES						NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000008	PNG	CR	Eff: Oct 10, 1967	1,280.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	12193		Exp: Oct 09, 1977	1,280.000			TWP. 29, RGE. 25, W4M: SECS. 1,
A			Ext: 99	320.000			12
	EOG RESOURCES						PETROLEUM ONLY TO BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER AND INTERESTS IN 07-01
							AND 06-12 WELLS.

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held

(cont'd)

000008

Sub: B

Status

Acres

Net

Acres

Net

000465

PNG CR

Eff: Feb 09, 1984

640.000

Total Rental:

896.00

Sub: A

0484020024

Exp: Feb 08, 1989

640.000

A

Ext: 95

160.000

EOG RESOURCES

Area : ACME

TWP. 29, RGE. 25, W4M: SEC 1

P&NG BELOW BASE BELLY RIVER TO

BASE VIKING

100.00000000

EOG RESOURCES

Status

Acres

Net

Acres

Net

000067

PNG CR

Eff: Nov 09, 1977

480.000

Total Rental:

672.00

Sub: A

0477110053

Exp: Nov 08, 1982

480.000

A

Ext: 99-1A

120.000

EOG RESOURCES

Area : ACME

TWP. 29, RGE. 25, W4M: N/2 &

SW/4 2

ALL PETROLEUM TO BASE VIKING;

NATURAL GAS BELOW BASE BELLY

RIVER TO BASE VIKING ZONE

(EXCL. 14-02 PENALTY WELL) (AND

INCLUDING 01-02-29-25 W4M BELLY

RIVER WELL)

100.00000000

EOG RESOURCES

Status

Acres

Net

Acres

Net

000067

PNG CR

Eff: Nov 09, 1977

480.000

Total Rental:

0.00

Sub: B

0477110053

Exp: Nov 08, 1982

480.000

A

Ext: 99-1A

180.000

EOG RESOURCES

Area : ACME

TWP. 29, RGE. 25, W4M: N/2 &

SW/4 2

NATURAL GAS TO BASE BELLY RIVER

EXCL. PRODUCTION FROM

01-02-29-25 W4M BELLY RIVER

100.00000000

EOG RESOURCES

Count Acreage = No

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000067							
Sub: B	Status		Acres	Net		Acres	Net
000067	PNG	CR	Eff: Nov 09, 1977	480.000	Total Rental: 0.00		Area : ACME
Sub: C	0477110053		Exp: Nov 08, 1982	480.000			TWP. 29, RGE. 25, W4M: N/2 &
A			Ext: 99-1A	240.000			SW/4-2
	EOG RESOURCES						PNG TO BASE VIKING (14-02-29-25
100.00000000	EOG RESOURCES	Count Acreage = No					W4M PENALTY WELL ONLY)
	Status		Acres	Net		Acres	Net
000394	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 224.00		Area : ACME
Sub: A	32517		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: SE/4 2
A			Ext: 99-1A	40.000			ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NATURAL GAS BELOW BASE BELLY
100.00000000	PIONEER NATURAL						RIVER TO BASE VIKING ZONE
	Status		Acres	Net		Acres	Net
							(EXCL. 14-02 PENALTY WELL AND
							INCLUDING 01-02-29-25 W4M BELLY
							RIVER PRODUCER;
000394	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 0.00		Area : ACME
Sub: B	32517		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: SE/4 2
A			Ext: 99-1A	60.000			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						EXCL. PRODUCTION FROM
100.00000000	PIONEER NATURAL	Count Acreage = No					01-02-29-25 W4M BELLY RIVER
							WELL

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000394							
Sub: B	Status		Acres	Net		Acres	Net
000394	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 0.00		Area : ACME
Sub: C	32517		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: SE/4 2
A			Ext: 99-1A	80.000			PNG TO BASE VIKING -
	EOG RESOURCES						14-02-29-25 W4M PENALTY WELL
100.00000000	PIONEER NATURAL	Count Acreage =	No				ONLY
	Status		Acres	Net		Acres	Net
000068	PNG	CR	Eff: Nov 09, 1977	480.000	Total Rental: 672.00		Area : ACME
Sub: A	0477110054		Exp: Nov 08, 1982	480.000			TWP. 29, RGE. 25, W4M: N/2 &
A			Ext: 99-1A	180.000			SW/4 3
	EOG RESOURCES						NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000068	PNG	CR	Eff: Nov 09, 1977	480.000	Total Rental: 0.00		Area : ACME
Sub: B	0477110054		Exp: Nov 08, 1982	480.000			TWP. 29, RGE. 25, W4M: N/2 &
A			Ext: 99-1A	120.000			SW/4 3
	EOG RESOURCES						PETROLEUM TO BASE BELLY RIVER
100.00000000	EOG RESOURCES	Count Acreage =	No				AND INTEREST IN 06-03-29-25 W4M
	Status		Acres	Net		Acres	Net
							(BELLY RIVER PRODUCTION) WELL
							ONLY

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000395	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental:	224.00	Area : ACME
Sub: A	32518		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: SE/4 3
A			Ext: 99-1A	60.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000395	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental:	0.00	Area : ACME
Sub: B	32518		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: SE/4 3
A			Ext: 99-1A	40.000			INTEREST IN 01-03-29-25 W4M
	EOG RESOURCES						(BELLY RIVER PRODUCTION) WELL
100.00000000	PIONEER NATURAL	Count Acreage = No					ONLY
	Status		Acres	Net		Acres	Net
000070	PNG	CR	Eff: Nov 09, 1977	640.000	Total Rental:	896.00	Area : ACME
Sub: A	0477110056		Exp: Nov 08, 1982	640.000			TWP. 29, RGE. 25, W4M: SEC. 11
A			Ext: 99-A	160.000			ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NATURAL GAS FROM BASE BELLY
100.00000000	EOG RESOURCES						RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
000070	PNG	CR	Eff: Nov 09, 1977	640.000	Total Rental:	0.00	Area : ACME
Sub: B	0477110056		Exp: Nov 08, 1982	640.000			TWP. 29, RGE. 25, W4M: SEC. 11
A			Ext: 99-A	240.000			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000070							
Sub: B	Status		Acres	Net		Acres	Net
000467	PNG	CR	Eff: Feb 09, 1984	640.000	Total Rental: 896.00		Area : ACME
Sub: A	0484020026		Exp: Feb 08, 1989	640.000			TWP. 29, RGE. 25, W4M: SEC 12
A			Ext: 95-D	160.000			P&NG BELOW BASE BELLY RIVER TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001232	PNG	CR	Eff: Jun 13, 2002	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: A	0402060032		Exp: Jun 12, 2007	640.000			TWP. 29, RGE. 25, W4M: SEC. 14
A				640.000			ALL PETROLEUM TO BASE VIKING;
	BUMPER DEVELOPM						NATURAL GAS FROM BASE BELLY
100.00000000	BUMPER DEVELOPM						RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
001232	PNG	CR	Eff: Jun 13, 2002	640.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	0402060032		Exp: Jun 12, 2007	640.000			TWP. 29, RGE. 25, W4M: SEC. 14
A				240.000			NATURAL GAS ONLY TO BASE BELLY
	BUMPER DEVELOPM						RIVER
100.00000000	BUMPER DEVELOPM	Count Acreage = No					
	Status		Acres	Net		Acres	Net

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File Number	Lee Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000121	PNG	CR	Eff: Dec 19, 1966	1,120.000	Total Rental: 1568.00		Area : ACME
Sub: A	10002-A		Exp: Dec 18, 1976	1,120.000			TWP. 29, RGE. 25, W4M: S/2 &
A			Ext: 95	280.000			NW/4 16, 20
	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000131	PNG	CR	Eff: Jul 12, 1973	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: B	32515		Exp: Jul 11, 1983	0.000			TWP. 29, RGE. 25, W4M: NE/4 24
A			Ext: 15	0.000			PETROLEUM ONLY IN BELLY RIVER
	CREW ENERGY INC		Ext: Nov 22, 2003				
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000131	PNG	CR	Eff: Jul 12, 1973	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: C	32515		Exp: Jul 11, 1983	0.000			TWP. 29, RGE. 25, W4M: SE/4 24
A			Ext: 15	0.000			PETROLEUM ONLY IN BELLY RIVER
	CREW ENERGY INC		Ext: Nov 22, 2003				
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000131	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: D	32515		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: SE/4 24
A			Ext: 15	17.156			NATURAL GAS IN BELLY RIVER ZONE
	EOG RESOURCES		Ext: Nov 22, 2003				
100.00000000	CREW ENERGY INC						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000131							
Sub: D	Status		Acres	Net		Acres	Net
000131	PNG	CR	Eff: Jul 12, 1973	160.000	Total Rental: 224.00		Area : SWALWELL
Sub: E	32515		Exp: Jul 11, 1983	160.000			TWP. 29, RGE. 25, W4M: NE/4 24
A			Ext: 15	17.156			NATURAL GAS IN BELLY RIVER ZONE
	EOG RESOURCES		Ext: Nov 22, 2003				
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000966	PNG	CR	Eff: Feb 01, 1967	0.000	Total Rental: 0.00		Area : SWALWELL
Sub: A	9760		Exp: Jan 31, 1977	0.000			TWP. 29, RGE. 25, W4M: W/2 24
A			Ext: 15	0.000			PNG TO TOP BELLY RIVER; AND
	EOG RESOURCES		Ext: Jan 08, 2005				PETROLEUM ONLY IN BELLY RIVER
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net
000966	PNG	CR	Eff: Feb 01, 1967	320.000	Total Rental: 448.00		Area : SWALWELL
Sub: B	9760		Exp: Jan 31, 1977	320.000			TWP. 29, RGE. 25, W4M: W/2 24
A			Ext: 95	34.312			NATURAL GAS IN BELLY RIVER ZONE
	EOG RESOURCES						
100.00000000	PIONEER NATURAL						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001242	PNG CR	Eff: Apr 03, 2003	640.000	Total Rental:	696.00		Area : SWALWELL
Sub: A	0403040180	Exp: Apr 02, 2008	640.000				TWP. 29, RGE. 25, W4M: SEC. 36
A			640.000				ALL PNG FROM BASE BELLY RIVER
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000651	PNG CR	Eff: Apr 09, 1981	320.000	Total Rental:	448.00		Area : COSWAY
Sub: A	0481040008	Exp: Apr 08, 1986	320.000				TWP. 29, RGE. 26, W4M: W/2 36
A		Ext: 95-1	160.000				ALL P&NG TO BASE VIKING
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000652	PNG CR	Eff: Apr 09, 1981	320.000	Total Rental:	448.00		Area : COSWAY
Sub: A	0481040007	Exp: Apr 08, 1986	320.000				TWP. 29, RGE. 26, W4M: E/2 36
A		Ext: 95-1	160.000				ALL P&NG TO BASE VIKING
100.00000000	EOG RESCDA INC.						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000337	PNG CR	Eff: Mar 15, 1979	0.000	Total Rental:	0.00		Area : GHOSTPINE
Sub: A	0479030121	Exp: Mar 14, 1984	0.000				TWP. 30, RGE. 22, W4M: N/2 4
A		Ext: 95	0.000				ALL P&NG TO BASE PEKISKO
100.00000000	EOG RESOURCES						EXCLUDING NATURAL GAS IN BASAL
	EOG RESOURCES						QUARTZ AND PEKISKO ZONES

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000337							
Sub: A	Status		Acres	Net		Acres	Net
000337	PNG	CR	Eff: Mar 15, 1979	320.000	Total Rental: 448.00		Area : GHOSTPINE
Sub: B	0479030121		Exp: Mar 14, 1984	320.000			TWP. 30, RGE. 22, W4M: N/2 4
A			Ext: 95	160.000			NATURAL GAS IN BASAL QUARTZ ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000337	PNG	CR	Eff: Mar 15, 1979	0.000	Total Rental: 0.00		Area : GHOSTPINE
Sub: C	0479030121		Exp: Mar 14, 1984	0.000			TWP. 30, RGE. 22, W4M: N/2 4
A			Ext: 95	0.000			NATURAL GAS IN PEKISKO ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000989	PNG	CR	Eff: Dec 13, 1984	320.000	Total Rental: 448.00		Area : GHOSTPINE
Sub: A	0484120039		Exp: Dec 12, 1989	320.000			TWP. 30, RGE. 22, W4M: S/2 SEC.
A			Ext: 95	106.664			4
	EOG RESOURCES						NATURAL GAS TO BASE MANNVILLE
100.00000000	ATCO GAS	Count Acreage = No					EXCL. BQ, GLAUC SAND AND VIKING
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cent.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int.	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000969	PNG	CR	Eff: Dec 13, 1984	320.000	Total Rental: 0.00		Area : GHOSTPINE
Sub: B	0484120039		Exp: Dec 12, 1989	320.000			TWP. 30, RGE. 22, W4M: S/2 4
A				213.328			PETROLEUM ONLY - TO BASE
	EOG RESOURCES						MANNVILLE
100.00000000	ATCO GAS		Count Acreage = No				
	Status		Acres	Net		Acres	Net
000969	PNG	CR	Eff: Dec 13, 1984	320.000	Total Rental: 0.00		Area : GHOSTPINE
Sub: C	0484120039		Exp: Dec 12, 1989	320.000			TWP. 30, RGE. 22, W4M: S/2 SEC.
A			Ext: 95	160.000			4
	EOG RESOURCES						NATURAL GAS IN BASAL QUARTZ ZONE
100.00000000	ATCO GAS						
	Status		Acres	Net		Acres	Net
001179	PNG	CR	Eff: Jun 17, 1999	0.000	Total Rental: 448.00		Area : GHOSTPINE
Sub: A	0499060248		Exp: Jun 16, 2004	0.000			TWP. 30, RGE. 22, W4M: S/2 4
A			Ext: 15	0.000			ALL PNG BELOW BASE MANNVILLE TO
	BUMPER DEVELOPM						BASE PEKISKO (EXCL. NG IN
100.00000000	BUMPER DEVELOPM						PEKISKO ZONE)
	Status		Acres	Net		Acres	Net
001179	PNG	CR	Eff: Jun 17, 1999	320.000	Total Rental: 0.00		Area : GHOSTPINE
Sub: B	0499060248		Exp: Jun 16, 2004	320.000			TWP. 30, RGE. 22, W4M: S/2 4
A			Ext: 15	266.667			NATURAL GAS ONLY IN PEKISKO ZONE
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001179							
Sub: B	Status		Acres	Net		Acres	Net
000338	PNG	CR	Eff: Mar 15, 1979	640.000	Total Rental: 896.00		Area : GHOSTPINE
Sub: A	0479030122		Exp: Mar 14, 1984	640.000			TWP. 30, RGE. 22, W4M: SEC. 9
A			Ext: 95	426.656			ALL P&NG TO BASE MANNVILLE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000006	PNG	CR	Eff: Aug 12, 1966	640.000	Total Rental: 896.00		Area : GHOSTPINE
Sub: A	9141		Exp: Aug 11, 1976	640.000			TWP. 30, RGE. 23, W4M: SEC. 5
A			Ext: 99-A	160.000			PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; ALL P&NG BELOW BASE
100.00000000	EOG RESOURCES	Count Acreage = No					BELLY RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
000006	PNG	CR	Eff: Aug 12, 1966	640.000	Total Rental: 0.00		Area : GHOSTPINE
Sub: B	9141		Exp: Aug 11, 1976	640.000			TWP. 30, RGE. 23, W4M: SEC. 5
A			Ext: 99-A	143.232			NATURAL GAS ONLY TO BASE BELLY
	EOG RESOURCES						RIVER INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000018	PNG	CR	Eff: Nov 19, 1971	640.000	Total Rental: 896.00		Area : GHOSTPINE
Sub: C	26422		Exp: Nov 18, 1981	640.000			TWP. 30, RGE. 23, W4M: SEC. 7
A			Ext: 15	160.000			P&NG TO BASE EDMONTON
	EOG RESOURCES		Ext: Feb 15, 2005				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000077	PNG	FH	Eff: Apr 24, 1969	640.000	Total Rental: 640.00		Area : GHOSTPINE
Sub: A	REEVES, CAROLYN		Exp: Apr 23, 1974	640.000			TWP. 30, RGE. 23, W4M: SEC. 8
A			Ext: HBP	160.000			ALL P&NG - ALL ZONES
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000018	PNG	CR	Eff: Nov 19, 1971	640.000	Total Rental: 896.00		Area : GHOSTPINE
Sub: B	26422		Exp: Nov 18, 1981	640.000			TWP. 30, RGE. 23, W4M: SEC. 17
A			Ext: 15	160.000			P&NG TO BASE BELLY RIVER
	EOG RESOURCES		Ext: Feb 15, 2005				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000018	PNG	CR	Eff: Nov 19, 1971	1,760.000	Total Rental: 2464.00		Area : GHOSTPINE
Sub: A	26422		Exp: Nov 18, 1981	1,760.000			TWP. 30, RGE. 23, W4M: SECS.
A			Ext: 95	440.000			18, S & NE 19, ALL 20
	EOG RESOURCES						ALL P&NG TO THE BASE OF PEKISKO
100.00000000	EOG RESOURCES						ZONE

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Dot Partner(s)			Lease Description / Rights Held
(cont'd)							
000018							
Sub: A	Status		Acres	Net		Acres	Net
000030	PNG	CR	Eff: Nov 12, 1974	160.000	Total Rental: 224.00		Area : GHOSTPINE
Sub: A	37053		Exp: Nov 11, 1984	160.000			TWP. 30, RGE. 23, W4M: NW/4 19
A			Ext: 99-1A	40.000			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000118	PNG	CR	Eff: Oct 02, 1964	320.000	Total Rental: 448.00		Area : THREE HILLS
Sub: A	4304-A		Exp: Oct 01, 1974	320.000			TWP. 30, RGE. 23, W4M: W/2 28
A			Ext: 99	20.000			TO BASE PEKISKO EXCL. NG TO
	EOG RESOURCES						BASE BELLY RIVER, IN VIKING
100.00000000	PENGROWTH PTSHP						ZONE AND NG IN BASAL QUARTZ
	Status		Acres	Net		Acres	Net
000118	PNG	CR	Eff: Oct 02, 1964	0.000	Total Rental: 0.00		Area : THREE HILLS
Sub: B	4304-A		Exp: Oct 01, 1974	0.000			TWP. 30, RGE. 23, W4M: W/2 28
A			Ext: 99	0.000			VIKING ZONE ONLY
	EOG RESOURCES						
100.00000000	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000118	PNG	CR	Eff: Oct 02, 1964	0.000	Total Rental:	0.00	Area : THREE HILLS
Sub: C	4304-A		Exp: Oct 01, 1974	0.000			TWP. 30, RGE. 23, W4M: SEC. 28
A			Ext: 99	0.000			NATURAL GAS ONLY IN BASAL
	EOG RESOURCES						QUARTZ ZONE
100.00000000	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net
000118	PNG	CR	Eff: Oct 02, 1964	0.000	Total Rental:	0.00	Area : THREE HILLS
Sub: D	4304-A		Exp: Oct 01, 1974	0.000			TWP. 30, RGE. 23, W4M: SEC. 28
A			Ext: 99	0.000			NATURAL GAS TO BASE BELLY RIVER
	PENGROWTH CORP.						INCL. CBM
100.00000000	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net
000064	PNG	CR	Eff: May 08, 1962	640.000	Total Rental:	896.00	Area : THREE HILLS
Sub: A	125939		Exp: May 07, 1983	640.000			TWP. 30, RGE. 23, W4M: SEC. 29
A			Ext: 99-1A	40.000			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000064	PNG	CR	Eff: May 08, 1962	0.000	Total Rental:	0.00	Area : THREE HILLS
Sub: B	125939		Exp: May 07, 1983	0.000			TWP. 30, RGE. 23, W4M: SE/4 29
A			Ext: 99-1A	0.000			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000064							
Sub: B	Status		Acres	Net		Acres	Net
000119	PNG	CR	Eff: Oct 02, 1964	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	4305		Exp: Oct 01, 1974	640.000			TWP. 30, RGE. 23, W4M: SEC. 30
A			Ext: 15	53.333			ALL PNG TO BASE BELLY RIVER ZONE
	EOG RESOURCES		Ext: Sep 23, 2004				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000016	PNG	CR	Eff: Oct 02, 1971	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	26153		Exp: Oct 01, 1981	640.000			TWP. 30, RGE. 23, W4M: SEC. 32
A			Ext: 99-A	160.000			ALL P&NG TO THE BASE OF PEKISKO ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000050	PNG	CR	Eff: Dec 17, 1975	320.000	Total Rental: 448.00		Area : GHOSTPINE
Sub: A	40999		Exp: Dec 16, 1985	320.000			TWP. 30, RGE. 23, W4M: SW/4 &
A			Ext: 15	150.000			NE/4 33
	EOG RESOURCES		Ext: May 29, 2005				ALL P&NG TO BASE EDMONTON
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000050	PNG	CR	Eff: Dec 17, 1975	160.000	Total Rental: 224.00		Area : GHOSTPINE
Sub: B	40999		Exp: Dec 16, 1985	160.000			TWP. 30, RGE. 23, W4M: SE/4 33
A			Ext: 15	100.000			ALL P&NG TO BASE EDMONTON
	EOG RESOURCES.		Ext: May 29, 2005				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000272	PNG	CR	Eff: Nov 07, 1960	160.000	Total Rental: 224.00		Area : GHOSTPINE
Sub: A	121263		Exp: Nov 06, 1981	160.000			TWP. 30, RGE. 23, W4M: NW/4 33
A			Ext: 15	75.000			ALL P&NG TO BASE EDMONTON
	EOG RESOURCES						
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000330	PNG	CR	Eff: Sep 10, 1974	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	36452		Exp: Sep 09, 1984	640.000			TWP. 30, RGE. 23, W4M: SEC. 34
A				640.000			ALL P&NG TO BASE MANNVILLE
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000051	PNG	CR	Eff: Dec 17, 1975	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	41000		Exp: Dec 16, 1985	160.000			TWP. 30, RGE. 24, W4M: SE/4 1
A			Ext: 95-1A	40.000			PETROLEUM TO BASE VIKING; NG
	EOG RESOURCES						GAS BELOW BASE BELLY RIVER TO
100.00000000	EOG RESOURCES						BASE VIKING

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

Lease Description / Rights Held

(cont'd)

000051									
Sub: A	Status		Acres	Net		Acres	Net		
000051	PNG	CR	Eff: Dec 17, 1975	160.000	Total Rental: 0.00			Area : TWINING	
Sub: B	41000		Exp: Dec 16, 1985	160.000				TWP. 30, RGE. 24, W4M: SE/4 1	
A			Ext: 95-1A	41.664				NG ONLY TO BASE BELLY RIVER	
100.00000000	EOG RESOURCES							INCL. CBM (POOLED)	
	EOG RESOURCES	Count Acreage = No							
	Status		Acres	Net		Acres	Net		
000973	PNG	CR	Eff: Jan 25, 1965	1,280.000	Total Rental: 1792.00			Area : SWALWELL	
Sub: A	4923		Exp: Jan 24, 1975	1,280.000				TWP. 30, RGE. 24, W4M: N/2 &	
A			Ext: 15	320.000				SW/4 1, NE/4 2, ALL 12	
100.00000000	EOG RESOURCES		Ext: Feb 24, 2005					PETROLEUM TO BASE VIKING; NG	
	EOG RESOURCES							BELOW BASE BELLY RIVER TO TOP	
	Status		Acres	Net		Acres	Net	VIKING	
000973	PNG	CR	Eff: Jan 25, 1965	1,280.000	Total Rental: 0.00			Area : SWALWELL	
Sub: B	4923		Exp: Jan 24, 1975	1,280.000				TWP. 30, RGE. 24, W4M: N/2 &	
A			Ext: 15	333.312				SW/4 1, NE/4 2, ALL 12	
100.00000000	EOG RESOURCES		Ext: Feb 24, 2005					NATURAL GAS TO BASE BELLY RIVER	
	EOG RESOURCES	Count Acreage = No						INCL. CBM (POOLED)	
	Status		Acres	Net		Acres	Net		

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000973	PNG	CR	Eff: Jan 25, 1965	180.000	Total Rental:	0.00	Area : SWALWELL
Sub: C	4923		Exp: Jan 24, 1975	160.000			TWP. 30, RGE. 24, W4M: NE/4 2
A			Ext: 15	10.000			NATURAL GAS IN VIKING ZONE ONLY
	EOG RESOURCES		Ext: Feb 24, 2005				
100.00000000	EOG RESOURCES	Count Acreage =	No				
	Status		Acres	Net		Acres	Net
001306	PNG	CR	Eff: Sep 23, 1999	480.000	Total Rental:	672.00	Area : SWALWELL
Sub: A	0499090290		Exp: Sep 22, 2004	480.000			TWP. 30, RGE. 24, W4M: SEC. S &
A			Ext: 15	124.992			NW 2
	EOG RESOURCES						NATURAL GAS TO BASE BELLY
100.00000000	EOG RESOURCES						RIVER, INCL. CBM (POOLED)
	Status		Acres	Net		Acres	Net
000975	PNG	CR	Eff: Feb 12, 1970	160.000	Total Rental:	224.00	Area : SWALWELL
Sub: A	20937		Exp: Feb 11, 1980	160.000			TWP. 30, RGE. 24, W4M: NW/4 4
A			Ext: 95	40.000			ALL PETROLEUM TO BASE BELLY
	EOG RESOURCES						RIVER; AND ALL PNG FROM BASE
100.00000000	EOG RESOURCES						BELLY RIVER TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000975	PNG	CR	Eff: Feb 12, 1970	160.000	Total Rental:	0.00	Area : SWALWELL
Sub: B	20937		Exp: Feb 11, 1980	160.000			TWP. 30, RGE. 24, W4M: NW/4 4
A			Ext: 95	40.232			ALL NG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage =	No				

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000975							
Sub: B	Status		Acres	Net		Acres	Net
000978	PNG	CR	Eff: Jan 25, 1965	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: B	4926-A		Exp: Jan 24, 1975	640.000			TWP. 30, RGE. 24, W4M: S/2 &
A			Ext: 95	160.000			NE/4 4, SE/4 5
	EOG RESOURCES						ALL PETROLEUM TO BASE PEKISKO
100.00000000	EOG RESOURCES						AND NG BELOW BELLY RIVER TO
	Status		Acres	Net		Acres	Net
							BASE PEKISKO IN S/2 & NE/4 4;
							ALL PNG TO BASE PEKISKO IN SE/4
							5.
000978	PNG	CR	Eff: Jan 25, 1965	480.000	Total Rental: 672.00		Area : SWALWELL
Sub: C	4926-A		Exp: Jan 24, 1975	480.000			TWP. 30, RGE. 24, W4M: N/2 &
A			Ext: 95	120.000			SW/4 5
	EOG RESOURCES						ALL PNG TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000044	PNG	CR	Eff: Jul 23, 1974	2,240.000	Total Rental: 3136.00		Area : THREE HILLS
Sub: A	40776		Exp: Jul 22, 1984	2,240.000			TWP. 30, RGE. 24, W4M: W/2 9,
A			Ext: 95	560.000			16, 17, 21
	EOG RESOURCES						ALL PETROLEUM TO BASE PEKISKO;
100.00000000	EOG RESOURCES	Count Acreage = No					NATURAL GAS BELOW BASE BELLY
	Status		Acres	Net		Acres	Net
							RIVER TO BASE PEKISKO

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000044							
Sub: A							
000044	PNG	CR	Eff: Jul 23, 1974	2,880.000	Total Rental: 0.00		Area : THREE HILLS
Sub: B	40776		Exp: Jul 22, 1984	2,880.000			TWP. 30, RGE. 24, W4M: W/2 9,
A			Ext: 95	724.179			16, 17, 20, 21
	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
100.00000000	EOG RESOURCES						RIVER (POOLED)
	Status		Acres	Net		Acres	Net
000276	PNG	CR	Eff: Jun 05, 1975	320.000	Total Rental: 448.00		Area : THREE HILLS
Sub: A	39108		Exp: Jun 04, 1985	320.000			TWP. 30, RGE. 24, W4M: E/2 9
A			Ext: 99-1A	80.000			ALL PETROLEUM TO BASE PEKISKO;
	EOG RESOURCES						NATURAL GAS FROM BASE BELLY
100.00000000	EOG RESOURCES						RIVER TO BASE PEKISKO.
	Status		Acres	Net		Acres	Net
000276	PNG	CR	Eff: Jun 05, 1975	320.000	Total Rental: 0.00		Area : THREE HILLS
Sub: B	39108		Exp: Jun 04, 1985	320.000			TWP. 30, RGE. 24, W4M: E/2 9
A			Ext: 99-1A	80.464			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000057	PNG	CR	Eff: Feb 05, 1956	640.000	Total Rental: 896.00		Area : THREE HILLS

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000057							
Sub: A	104413	Exp: Feb 05, 1977	640.000				TWP. 30, RGE. 24, W4M: SEC. 10
A		Ext: 99-A	80.000				PETROLEUM TO BASE VIKING; NG
	EOG RESOURCES						FROM BASE BELLY RIVER TO BASE
100.00000000	ENCANA O & G	Count Acreage = No					VIKING
	Status		Acres	Net		Acres	Net
000057	PNG	CR	Eff: Feb 06, 1956	640.000	Total Rental: 0.00		Area : THREE HILLS
Sub: B	104413	Exp: Feb 05, 1977	640.000				TWP. 30, RGE. 24, W4M: SEC. 10
A		Ext: 99-A	88.572				NG TO BASE BELLY RIVER INCL.
	EOG RESOURCES						CBM (POOLED)
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000057	PNG	CR	Eff: Feb 06, 1956	640.000	Total Rental: 0.00		Area : THREE HILLS
Sub: C	104413	Exp: Feb 05, 1977	640.000				TWP. 30, RGE. 24, W4M: SEC. 10
A		Ext: 99-A	80.000				ALL P&NG BELOW BASE VIKING TO
	EOG RESOURCES						BASE PEKISKO
100.00000000	ENCANA O & G	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000253	PNG	CR	Eff: Jan 05, 1976	1,600.000	Total Rental: 2240.00		Area : TWINING
Sub: A	43113	Exp: Jan 04, 1986	1,600.000				TWP. 30, RGE. 24, W4M: SECS.
A		Ext: 95-A	200.000				11, W/2 14; 15
	EOG RESOURCES						PETROLEUM TO BASE VIKING; NG

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000253							
Sub: A							
100.00000000	EOG RESOURCES	Count Acreage = No					FROM BASE BELLY RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
000253	PNG	CR	Eff: Jan 05, 1976	1,600.000	Total Rental: 0.00		Area: TWINING
Sub: B	43113		Exp: Jan 04, 1986	1,600.000			TWP. 30, RGE. 24, W4M: SECS.
A			Ext: 95-1A	221.429			11, W/2 14, 15
	EOG RESOURCES						NG TO BASE BELLY RIVER INCL.
100.00000000	EOG RESOURCES						CBM (POOLED)
	Status		Acres	Net		Acres	Net
000063	PNG	CR	Eff: Aug 02, 1960	640.000	Total Rental: 0.00		Area: THREE HILLS
Sub: A	119706		Exp: Aug 01, 1981	640.000			TWP. 30, RGE. 24, W4M: SEC. 13
A			Ext: 99	88.572			NG TO BASE BELLY RIVER INCL.
	EOG RESOURCES						CBM (POOLED)
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000063	PNG	CR	Eff: Aug 02, 1960	640.000	Total Rental: 0.00		Area: THREE HILLS
Sub: B	119706		Exp: Aug 01, 1981	640.000			TWP. 30, RGE. 24, W4M: SEC. 13
A			Ext: 99	80.000			PETROLEUM TO BASE VIKING; NG
	EOG RESOURCES						FROM BASE BELLY RIVER TO BASE
100.00000000	ENCANA O & G	Count Acreage = No					VIKING

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000063							
Sub: B	Status		Acres	Net		Acres	Net
000063	PNG	CR	Eff: Aug 02, 1960	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: C	119706		Exp: Aug 01, 1981	640.000			TWP. 30, RGE. 24, W4M: SEC. 13
A			Ext: 99	80.000			ALL P&NG BELOW BASE VIKING TO
	EOG RESOURCES						BASE PEKISKO
100.00000000	ENCANA O & G	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000226	PNG	CR	Eff: Feb 06, 1956	320.000	Total Rental: 0.00		Area : THREE HILLS
Sub: A	104414		Exp: Feb 05, 1977	320.000			TWP. 30, RGE. 24, W4M: E/2 14
A			Ext: 99-A	44.286			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						INCL. CBM (POOLED)
	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000226	PNG	CR	Eff: Feb 06, 1956	320.000	Total Rental: 0.00		Area : THREE HILLS
Sub: B	104414		Exp: Feb 05, 1977	320.000			TWP. 30, RGE. 24, W4M: E/2 14
A			Ext: 99-A	40.000			PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NATURAL GAS FROM BASE BELLY
	ENCANA O & G	Count Acreage = No					RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000226	PNG	CR	Eff: Feb 06, 1956	320.000	Total Rental: 448.00		Area : THREE HILLS
Sub: C	104414		Exp: Feb 05, 1977	320.000			TWP. 30, RGE. 24, W4M: E/2 14
A			Ext: 99-A	40.000			ALL P&NG BELOW BASE VIKING TO TOP PEKISKO ZONE
	EOG RESOURCES						
	ENCANA O & G	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000226	PNG	CR	Eff: Feb 06, 1956	0.000	Total Rental: 0.00		Area : THREE HILLS
Sub: D	104414		Exp: Feb 05, 1977	0.000			TWP. 30, RGE. 24, W4M: E/2 14
A			Ext: 99-A	0.000			(UNIT PARTICIPATION);
	EOG RESOURCES						PEKISKO ZONE ONLY
	ENCANA O & G	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000253	PNG	CR	Eff: Jan 05, 1976	480.000	Total Rental: 0.00		Area : TWINING
Sub: C	43113		Exp: Jan 04, 1986	480.000			TWP. 30, RGE. 24, W4M: W/2 14,
A			Ext: 95-1A	60.000			NE/4 15
	EOG RESOURCES						ALL PNG BELOW BASE VIKING TO
100.00000000	EOG RESOURCES	Count Acreage = No					TOP PEKISKO
	Status		Acres	Net		Acres	Net
000253	PNG	CR	Eff: Jan 05, 1976	0.000	Total Rental: 0.00		Area : TWINING
Sub: D	43113		Exp: Jan 04, 1986	0.000			TWP. 30, RGE. 24, W4M: W/2 14,
A			Ext: 95-1A	0.000			NE/4 15
	EOG RESOURCES						UNIT PARTICIPATION - PEKISKO
100.00000000	EOG RESOURCES						ZONE

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int.	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000253							
Sub: D	Status		Acres	Net		Acres	Net
001248	PNG	CR	Eff: May 29, 2003	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	0403050876		Exp: May 28, 2008	640.000			TWP. 30, RGE. 24, W4M: SEC. 19
A				640.000			ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						TO BASE MANNVILLE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000044	PNG	CR	Eff: Jul 23, 1974	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: C	40776		Exp: Jul 22, 1984	640.000			TWP. 30, RGE. 24, W4M: SEC. 20
A			Ext: 95	160.000			ALL PETROLEUM TO BASE VIKING;
	EOG RESOURCES						NATURAL GAS BELOW BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
001249	PNG	CR	Eff: May 29, 2003	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	0403050878		Exp: May 28, 2008	640.000			TWP. 30, RGE. 24, W4M: SEC. 20
A				640.000			ALL PNG FROM BASE VIKING TO
	BUMPER DEVELOPM						BASE MANNVILLE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000044	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 0.00		Area : THREE HILLS
Sub: D	40776		Exp: Jul 22, 1984	160.000			TWP. 30, RGE. 24, W4M: NW/4 22
A			Ext: 95	22.143			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000044	PNG	CR	Eff: Jul 23, 1974	0.000	Total Rental: 0.00		Area : THREE HILLS
Sub: E	40776		Exp: Jul 22, 1984	0.000			TWP. 30, RGE. 24, W4M: NW/4 22
A			Ext: 95	0.000			ALL PETROLEUM TO BASE PEKISKO
	EOG RESOURCES						EXCL. VIKING; NATURAL GAS FROM
100.00000000	EOG RESOURCES	Count Acreage = No					BASE BELLY RIVER TO BASE
							PEKISKO EXCL. VIKING ZONE
	Status		Acres	Net		Acres	Net
000044	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 224.00		Area : THREE HILLS
Sub: F	40776		Exp: Jul 22, 1984	160.000			TWP. 30, RGE. 24, W4M: NW/4 22
A			Ext: 95	44.800			VIKING ZONE ONLY
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000061	PNG	CR	Eff: Feb 05, 1956	160.000	Total Rental: 0.00		Area : THREE HILLS
Sub: A	104415		Exp: Feb 05, 1977	160.000			TWP. 30, RGE. 24, W4M: SW/4 22
A			Ext: 99-A	22.143			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						INCL. CBM (POOLED)
100.00000000	ENCANA O & G						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000061							
Sub: A	Status		Acres	Net		Acres	Net
000061	PNG	CR	Eff: Feb 06, 1956	160.000	Total Rental:	0.00	Area : THREE HILLS
Sub: B	104415		Exp: Feb 05, 1977	160.000			TWP. 30, RGE. 24, W4M: SW/4 22
A			Ext: 99-A	20.000			ALL PETROLEUM TO TOP VIKING
	EOG RESOURCES						ZONE; NATURAL GAS BELOW BASE
100.00000000	ENCANA O & G	Count Acreage =	No				BELLY RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
000061	PNG	CR	Eff: Feb 06, 1956	0.000	Total Rental:	0.00	Area : THREE HILLS
Sub: C	104415		Exp: Feb 05, 1977	0.000			TWP. 30, RGE. 24, W4M: SW/4 22
A			Ext: 99-A	0.000			VIKING ZONE ONLY (POOLED)
	EOG RESOURCES						
100.00000000	ENCANA O & G	Count Acreage =	No				
	Status		Acres	Net		Acres	Net
000061	PNG	CR	Eff: Feb 06, 1956	160.000	Total Rental:	224.00	Area : THREE HILLS
Sub: D	104415		Exp: Feb 05, 1977	160.000			TWP. 30, RGE. 24, W4M: SW/4 22
A			Ext: 99-A	20.000			ALL P&NG BELOW BASE VIKING TO
	EOG RESOURCES						BASE PEKISKO
100.00000000	ENCANA O & G	Count Acreage =	No				
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000250	PNG	CR	Eff: Jul 23, 1974	320.000	Total Rental: 0.00		Area : THREE HILLS
Sub: A	40777		Exp: Jul 22, 1984	320.000			TWP. 30, RGE. 24, W4M: E/2 22
A			Ext: 99-1A	44.286			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						INCL. CBM (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000250	PNG	CR	Eff: Jul 23, 1974	320.000	Total Rental: 448.00		Area : THREE HILLS
Sub: B	40777		Exp: Jul 22, 1984	320.000			TWP. 30, RGE. 24, W4M: E/2 22
A			Ext: 99-A	89.600			VIKING ZONE ONLY (POOLED)
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000250	PNG	CR	Eff: Jul 23, 1974	0.000	Total Rental: 0.00		Area : THREE HILLS
Sub: C	40777		Exp: Jul 22, 1984	0.000			TWP. 30, RGE. 24, W4M: NE/4 22
A			Ext: 99-1A	0.000			ALL PETROLEUM TO BASE PEKISKO
	EOG RESOURCES						AND ALL NG FROM BASE BELLY
100.00000000	EOG RESOURCES						RIVER TO BASE PEKISKO EXCL.
	Status		Acres	Net		Acres	Net
000250	PNG	CR	Eff: Jul 23, 1974	0.000	Total Rental: 0.00		Area : THREE HILLS
Sub: D	40777		Exp: Jul 22, 1984	0.000			TWP. 30, RGE. 24, W4M: SE/4 22
A			Ext: 99-1A	0.000			ALL PETROLEUM TO TOP PEKISKO
	EOG RESOURCES						AND ALL NG FROM BASE BELLY
100.00000000	EOG RESOURCES						RIVER TO TOP PEKISKO EXCL.
	Status		Acres	Net		Acres	Net
							VIKING ZONE

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000250							
Sub: D	Status		Acres	Net		Acres	Net
000250	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 0.00		Area : THREE HILLS
Sub: E	40777		Exp: Jul 22, 1984	160.000			TWP. 30, RGE. 24, W4M: SE/4 22
A			Ext: 99-1A	23.080			(UNIT PARTICIPATION)
	EOG RESOURCES						PEKISKO ZONE ONLY
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000225	PNG	CR	Eff: Jan 05, 1976	320.000	Total Rental: 448.00		Area : TWINING
Sub: D	43114		Exp: Jan 04, 1986	320.000			TWP. 30, RGE. 24, W4M: N/2 23
A			Ext: 95-1A	40.000			ALL P&NG TO BASE BELLY RIVER
	EOG RESOURCES						ZONE (POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000225	PNG	CR	Eff: Jan 05, 1976	0.000	Total Rental: 0.00		Area : TWINING
Sub: E	43114		Exp: Jan 04, 1986	0.000			TWP. 30, RGE. 24, W4M: N/2 23
A			Ext: 95-1A	0.000			ALL P&NG BELOW BASE BELLY RIVER
	EOG RESOURCES						TO BASE PEKISKO EXCL NG IN
100.00000000	EOG RESOURCES						MIDDLE MANNVILLE
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DQI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DoI Partner(s)	*	*	Lease Description / Rights Held
000387	PNG	CR	Eff: Feb 06, 1956	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	104416		Exp: Feb 05, 1977	320.000			TWP. 30, RGE. 24, W4M: S/2 23
A			Ext: 99	40.000			ALL P&NG TO THE BASE OF BELLY
	EOG RESOURCES						RIVER GROUP
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000387	PNG	CR	Eff: Feb 06, 1956	0.000	Total Rental: 0.00		Area : TWINING
Sub: B	104416		Exp: Feb 05, 1977	0.000			TWP. 30, RGE. 24, W4M: SW/4 23
A			Ext: 119	0.000			ALL P&NG BELOW BASE B.R. GROUP
	EOG RESOURCES						TO TOP PEKISKO
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000387	PNG	CR	Eff: Feb 06, 1956	0.000	Total Rental: 0.00		Area : TWINING
Sub: C	104416		Exp: Feb 05, 1977	0.000			TWP. 30, RGE. 24, W4M: SW/4 23
A			Ext: 99	0.000			(UNIT PARTICIPATION)
	EOG RESOURCES						PEKISKO ZONE ONLY
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000387	PNG	CR	Eff: Feb 06, 1956	160.000	Total Rental: 0.00		Area : TWINING
Sub: D	104416		Exp: Feb 05, 1977	160.000			TWP. 30, RGE. 24, W4M: SE/4 23
A			Ext: 119	40.000			ALL P&NG BELOW BASE BELLY RIVER
	EOG RESOURCES						TO BASE PEKISKO
100.00000000	ENCANA O & G						
	Count Acreage =	No					

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000387							
Sub: D	Status		Acres	Net		Acres	Net
000225	PNG	CR	Eff: Jan 05, 1976	640.000	Total Rental:	0.00	Area : TWINING
Sub: A	43114		Exp: Jan 04, 1986	640.000			TWP. 30, RGE. 24, W4M: SEC. 24
A			Ext: 95-A	88.572			NG TO BASE BELLY RIVER INCL.
	EOG RESOURCES						CBM (POOLED)
100.00000000	EOG RESOURCES	Count Acreage =	No				
	Status		Acres	Net		Acres	Net
000225	PNG	CR	Eff: Jan 05, 1976	640.000	Total Rental:	0.00	Area : TWINING
Sub: B	43114		Exp: Jan 04, 1986	640.000			TWP. 30, RGE. 24, W4M: SEC. 24
A			Ext: 95-A	94.118			PETROLEUM TO BASE VIKING; NG
	EOG RESOURCES						FROM BASE BELLY RIVER TO BASE
100.00000000	EOG RESOURCES	Count Acreage =	No				VIKING
	Status		Acres	Net		Acres	Net
000225	PNG	CR	Eff: Jan 05, 1976	640.000	Total Rental:	896.00	Area : TWINING
Sub: C	43114		Exp: Jan 04, 1986	640.000			TWP. 30, RGE. 24, W4M: SEC. 24
A			Ext: 95-A	94.118			ALL P&NG BELOW BASE VIKING TO
	EOG RESOURCES						BASE PEKISKO-EXCL NG IN MIDDLE
100.00000000	EOG RESOURCES						MANVILLE
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cent.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000058	PNG	CR	Eff: Feb 06, 1956	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	104417		Exp: Feb 05, 1977	640.000			TWP. 30, RGE. 24, W4M: SEC. 25
A			Ext: 99-A	160.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000078	PNG	FH	Eff: Jan 15, 1971	35.560	Total Rental: 35.56		Area : TWINING
Sub: A	COX, E.K.		Exp: Jan 14, 1981	35.560			TWP. 30, RGE. 24, W4M: NW/4 26
A			Ext: HBP	8.890			ALL PNG TO BASE PEKISKO EXCL.
	EOG RESOURCES						BELLY RIVER AND NG IN BASAL
22.22000000	COASTAL RESOURC						QUARTZ
	Status		Acres	Net		Acres	Net
000078	PNG	FH	Eff: Jan 15, 1971	35.560	Total Rental: 35.56		Area : TWINING
Sub: B	COX, E.K.		Exp: Jan 14, 1981	35.560			TWP. 30, RGE. 24, W4M: NE/4 26
A			Ext: HBP	4.445			ALL PNG TO BASE PEKISKO EXCL.
	EOG RESOURCES						BELLY RIVER AND NG IN BASAL
22.22000000	COASTAL RESOURC						QUARTZ
	Status		Acres	Net		Acres	Net
000078	PNG	FH	Eff: Jan 15, 1971	0.000	Total Rental: 0.00		Area : TWINING
Sub: C	COX, E.K.		Exp: Jan 14, 1981	0.000			TWP. 30, RGE. 24, W4M: N/2 26
A			Ext: HBP	0.000			PNG IN BELLY RIVER ZONE AND NG
	PENGROWTH PTSHIP						IN BASAL QUARTZ
22.22000000	COASTAL RESOURC						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000078							
Sub: C	Status		Acres	Net		Acres	Net
000079	PNG	FH	Eff: Dec 09, 1970	124.440	Total Rental: 124.44		Area : TWINING
Sub: A	SCHMIDT, S		Exp: Dec 08, 1980	124.440			TWP. 30, RGE. 24, W4M: NE/4 26
A			Ext: HBP	15.555			PNG TO BASE PEKISKO EXCL. BELLY
	EOG RESOURCES						RIVER ZONE AND NG IN BASAL
77.77770000	COASTAL RESOURC						QUARTZ
	Status		Acres	Net		Acres	Net
000079	PNG	FH	Eff: Dec 09, 1970	124.440	Total Rental: 124.44		Area : TWINING
Sub: B	SCHMIDT, S		Exp: Dec 08, 1980	124.440			TWP. 30, RGE. 24, W4M: NW/4 26
A			Ext: HBP	31.110			ALL PNG TO BASE PEKISKO EXCL.
	EOG RESOURCES						BELLY RIVER ZONE AND NG IN
77.77770000	COASTAL RESOURC						BASAL QUARTZ
	Status		Acres	Net		Acres	Net
000079	PNG	FH	Eff: Dec 09, 1970	0.000	Total Rental: 0.00		Area : TWINING
Sub: C	SCHMIDT, S		Exp: Dec 08, 1980	0.000			TWP. 30, RGE. 24, W4M: N/2 26
A			Ext: HBP	0.000			PNG IN BELLY RIVER ZONE AND NG
	PENGROWTH PTSHP						ONLY IN BASAL QUARTZ
77.77770000	COASTAL RESOURC						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001215	PNG FH	Eff: Aug 08, 1973	160.000	Total Rental:	160.00		Area : TWINING
Sub: A	SIEBENS O & G	Exp: Aug 07, 1983	160.000				TWP. 30, RGE. 24, W4M: SE/4 26
A		Ext: HBP	15.000				PNG IN BELLY RIVER ZONE AND NG
	PENGROWTH PTSHP						ONLY IN BASAL QUARTZ
100.00000000	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net
001216	PNG FH	Eff: Jun 14, 2000	160.000	Total Rental:	160.00		Area : TWINING
Sub: A	MURHPCA & TALISM	Exp: Jun 13, 2001	160.000				TWP. 30, RGE. 24, W4M: SW/4 26
A		Ext: HBP	15.000				PNG IN BELLY RIVER ZONE AND NG
	PENGROWTH PTSHP						ONLY IN BASAL QUARTZ
100.00000000	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net
000045	PNG CR	Eff: Jul 23, 1974	1,760.000	Total Rental:	2464.00		Area : THREE HILLS
Sub: A	40778	Exp: Jul 22, 1984	1,760.000				TWP. 30, RGE. 24, W4M: ALL 27,
A		Ext: 95	440.000				ALL 32, S/2 & NE/4 34
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001229	PNG CR	Eff: Mar 21, 2002	320.000	Total Rental:	448.00		Area : TWINING
Sub: A	0402030446	Exp: Mar 20, 2007	320.000				TWP. 30, RGE. 24, W4M: SEC. W30
A			320.000				ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number	File Status	Mineral Int	Lease Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
(cont'd)											
001229	Sub: A		Status				Acres	Net		Acres	Net
001250	Sub: A		PNG	CR	Eff: May 29, 2003		320.000	Total Rental:	448.00		Area : THREE HILLS
	A				Exp: May 28, 2008		320.000				TWP. 30, RGE. 24, W4M: SEC. E30
							320.000				ALL PNG FROM BASE BELLY RIVER
100.00000000											TO BASE MANNVILLE
			Status				Acres	Net		Acres	Net
000045	Sub: D		PNG	CR	Eff: Jul 23, 1974		320.000	Total Rental:	448.00		Area : THREE HILLS
	A				Exp: Jul 22, 1984		320.000				TWP. 30, RGE. 24, W4M: E/2 31
					Ext: 95		80.000				ALL PNG TO BASE SHUNDA
100.00000000											
			Status				Acres	Net		Acres	Net
001230	Sub: A		PNG	CR	Eff: Mar 21, 2002		320.000	Total Rental:	448.00		Area : TWINING
	A				Exp: Mar 20, 2007		320.000				TWP. 30, RGE. 24, W4M: W31
							320.000				ALL PNG BELOW BASE BELLY RIVER
100.00000000											
			Status				Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001316	PNG	CR	Eff: Mar 21, 2002	320.000	Total Rental: 446.00		Area : TWINING
Sub: A	0402030447		Exp: Mar 20, 2007	320.000			TWP. 30, RGE. 24, W4M: W31
A				80.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000045	PNG	CR	Eff: Jul 23, 1974	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: C	40778		Exp: Jul 22, 1984	640.000			TWP. 30, RGE. 24, W4M: 33
A			Ext: 95	160.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000045	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 224.00		Area : THREE HILLS
Sub: B	40778		Exp: Jul 22, 1984	160.000			TWP. 30, RGE. 24, W4M: NW/4 34
A			Ext: 95	40.000			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000019	PNG	CR	Eff: Nov 22, 1971	480.000	Total Rental: 672.00		Area : THREE HILLS
Sub: A	26459		Exp: Nov 21, 1981	480.000			TWP. 30, RGE. 24 W4M: SE/4 35,
A			Ext: 99-A	120.000			W/2 36
	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000060	PNG	CR	Eff: Feb 06, 1956	320.000	Total Rental: 448.00		Area : THREE HILLS
Sub: A	104419		Exp: Feb 05, 1977	320.000			TWP. 30, RGE. 24, W4M: E/2 36
A			Ext: 99	80.000			ALL P&NG TO BASE PEKISKO ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000459	PNG	CR	Eff: Sep 13, 1981	640.000	Total Rental: 896.00		Area : COSWAY
Sub: C	0481090163		Exp: Sep 12, 1986	640.000			TWP. 30, RGE. 25, W4M: SEC. 18
A			Ext: 15	640.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES		Ext: Mar 20, 2004				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000459	PNG	CR	Eff: Sep 13, 1981	640.000	Total Rental: 896.00		Area : COSWAY
Sub: B	0481090163		Exp: Sep 12, 1986	640.000			TWP. 30, RGE. 25, W4M: SEC. 19
A			Ext: 95-1A	320.000			ALL P&NG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000646	PNG	CR	Eff: Jun 27, 1985	160.000	Total Rental: 224.00		Area : COSWAY
Sub: A	0485060174		Exp: Jun 26, 1990	160.000			TWP. 30, RGE. 25, W4M: SW/4 20
A			Ext: 15	80.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES		Ext: Mar 20, 2004				
100.00000000	EOG RESOURCES						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000646							
Sub: A	Status		Acres	Net		Acres	Net
000459	PNG	CR	Eff: Sep 13, 1981	2,240.000	Total Rental: 3136.00		Area : COSWAY
Sub: A	0481090163		Exp: Sep 12, 1986	2,240.000			TWP. 30, RGE. 25, W4M: SEC. 21
A			Ext: 15	1,120.000			
	EOG RESOURCES						
100.00000000	EOG RESOURCES						TWP. 30,
							RGE. 26, W4M: N/2 15, 22, 23
	Status		Acres	Net		Acres	Net
							ALL P&NG TO BASE VIKING
							PETROLEUM ONLY IN N/2 15
001251	PNG	CR	Eff: May 29, 2003	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	0403050886		Exp: May 28, 2008	640.000			TWP. 30, RGE. 25, W4M: SEC. 24
A				640.000			ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						TO BASE MANNVILLE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001252	PNG	CR	Eff: May 29, 2003	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	0403050886		Exp: May 28, 2008	640.000			TWP. 30, RGE. 25, W4M: SEC. 25
A				640.000			ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						TO BASE MANNVILLE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001252							
Sub: A							
000952	PNG	CR	Eff: Dec 01, 1990	640.000	Total Rental: 448.00		Area : COSWAY
Sub: A	0480120231		Exp: Nov 30, 1995	640.000			TWP. 30, RGE. 25, W4M: SEC. 27
A			Ext: 15	160.000			P&NG BELOW BASE BELLY RIVER TO
	EOG RESOURCES		Ext: Mar 20, 2004				BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000522	PNG	CR	Eff: Aug 22, 1985	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0485080198		Exp: Aug 21, 1990	640.000			TWP. 30, RGE. 25, W4M: SEC. 28
A			Ext: 15	160.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES		Ext: Mar 20, 2004				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000523	PNG	CR	Eff: Aug 22, 1985	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0485080199		Exp: Aug 21, 1990	640.000			TWP. 30, RGE. 25, W4M: SEC. 28
A			Ext: 15	160.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES		Ext: Mar 20, 2004				
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000476	PNG	CR	Eff: May 03, 1984	320.000	Total Rental: 448.00		Area : TWINING

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000476							
Sub: A	0484050016	Exp: May 02, 1989	320.000				TWP. 30, RGE. 25, W4M: E/2 30
A		Ext: 15	80.000				ALL PNG TO BASE VIKING
	EOG RESOURCES	Ext: Sep 22, 2004					
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001020	PNG CR	Eff: Sep 13, 1981	1,280.000	Total Rental:	1792.00		Area : COSWAY
Sub: A	048109B163	Exp: Sep 12, 1986	1,280.000				TWP. 30, RGE. 25, W4M: W/2 30;
A		Ext: 15	320.000				W/2 31
	EOG RESOURCES						
100.00000000	EOG RESOURCES						TWP. 30,
	Status		Acres	Net		Acres	Net
							RGE. 26, W4M: SEC. 25
							ALL P&NG TO BASE OF VIKING
000477	PNG CR	Eff: May 03, 1984	320.000	Total Rental:	448.00		Area : TWINING
Sub: A	0484050017	Exp: May 02, 1989	320.000				TWP. 30, RGE. 25, W4M: E/2 31
A		Ext: 95-D	80.000				ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000254	PNG CR	Eff: Aug 09, 1978	320.000	Total Rental:	448.00		Area : TWINING
Sub: B	0478080184	Exp: Aug 08, 1983	320.000				TWP. 30, RGE. 25, W4M: E/2 32
A		Ext: 15	80.000				ALL PNG TO BASE OF VIKING ZONE

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000254							
Sub: B	EOG RESOURCES	Ext: Sep 07, 2004					
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000478	PNG CR	Eff: May 03, 1984	320.000	Total Rental:	448.00		
Sub: A	0484050018	Exp: May 02, 1989	320.000				Area : TWINING
A		Ext: 95-1	80.000				TWP. 30, RGE. 25, W4M: W/2 32
	EOG RESOURCES						ALL P&NG TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000254	PNG CR	Eff: Aug 09, 1978	1,280.000	Total Rental:	896.00		
Sub: A	0478080184	Exp: Aug 08, 1983	1,280.000				Area : TWINING
A		Ext: 15	320.000				TWP. 30, RGE. 25, W4M: ALL 33,
	EOG RESOURCES	Ext: Sep 22, 2004					ALL 34
100.00000000	EOG RESOURCES						P&NG BELOW BASE BELLY RIVER TO
	Status		Acres	Net		Acres	Net
001129	PNG CR	Eff: Sep 17, 1998	640.000	Total Rental:	896.00		
Sub: A	0498090343	Exp: Sep 16, 2003	640.000				Area : TWINING
A		Ext: 15	320.000				TWP. 30, RGE. 25, W4M: SEC. 35
	EOG RESOURCES	Ext: Apr 23, 2004					ALL PNG TO BASE EDMONTON
100.00000000	BUMPER DEVELOPM						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001129							
Sub: A	Status		Acres	Net		Acres	Net
001231	PNG	CR	Eff: Mar 21, 2002	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0402030450		Exp: Mar 20, 2007	640.000			TWP. 30, RGE. 25, W4M: SEC. 36
A				640.000			ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000654	PNG	CR	Eff: Aug 22, 1985	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0485080200		Exp: Aug 21, 1990	640.000			TWP. 30, RGE. 26, W4M: SEC. 1
A			Ext: 15	640.000			ALL P & NG TO BASE SHUNDA
	EOG RESOURCES		Ext: Oct 03, 2003				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000656	PNG	CR	Eff: Apr 09, 1981	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0481040011		Exp: Apr 08, 1986	640.000			TWP. 30, RGE. 26, W4M: SEC. 2
A			Ext: 15	640.000			ALL P & NG TO BASE VIKING ZONE
	BUMPER DEVELOPM		Ext: Mar 02, 2003				
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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**BUMPER DEVELOPMENT CORP.
Mineral Property Report**

File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001241	PNG	CR	Eff: Mar 06, 2003	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0403030153		Exp: Mar 05, 2008	640.000			TWP. 30, RGE. 26, W4M: SEC. 9
A			Ext: 95-D	640.000			ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						TO BASE VIKING
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000644	PNG	CR	Eff: Jun 27, 1985	320.000	Total Rental: 448.00		Area : COSWAY
Sub: A	0485060178		Exp: Jun 26, 1990	320.000			TWP. 30, RGE. 26, W4M: SEC. 13
A			Ext: 95-D	480.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000643	PNG	CR	Eff: Jun 27, 1985	320.000	Total Rental: 448.00		Area : COSWAY
Sub: A	0485060179		Exp: Jun 26, 1990	320.000			TWP. 30, RGE. 26, W4M: S/2 14
A			Ext: 95-A	240.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001019	PNG	CR	Eff: Sep 13, 1981	320.000	Total Rental: 448.00		Area : COSWAY
Sub: A	048109A163		Exp: Sep 12, 1986	320.000			TWP. 30, RGE. 26, W4M: N/2 14
A			Ext: 95-1A	240.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001019							
Sub: A	Status		Acres	Net		Acres	Net
000459	PNG	CR	Eff: Sep 13, 1981	320.000	Total Rental: 0.00		Area : COSWAY
Sub: D	0481090163		Exp: Sep 12, 1986	320.000			TWP. 30, RGE. 26, W4M: N/2 15
A			Ext: 95-1A	120.000			NG ONLY TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000955	PNG	CR	Eff: Jan 10, 1991	320.000	Total Rental: 448.00		Area : COSWAY
Sub: A	0491010083		Exp: Jan 09, 1996	320.000			TWP. 30, RGE. 26, W4M: S/2 15
A			Ext: 95	80.000			PETROLEUM ONLY TO BASE VIKING
	EOG RESOURCES		Ext: Jan 10, 1996				
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000955	PNG	CR	Eff: Jan 10, 1991	320.000	Total Rental: 0.00		Area : COSWAY
Sub: B	0491010083		Exp: Jan 09, 1996	320.000			TWP. 30, RGE. 26, W4M: S/2 15
A			Ext: 95	120.000			NATURAL GAS TO BASE VIKING
	EOG RESOURCES		Ext: Jan 10, 1996				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001228	PNG	CR	Eff: Feb 07, 2002	640.000	Total Rental:	896.00	Area : COSWAY
Sub: A	0402020047		Exp: Feb 06, 2007	640.000			TWP. 30, RGE. 26, W4M: SEC. 16
A				640.000			ALL PNG TO BASE VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

Status	Acres	Net	Acres	Net
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001223	PNG	CR	Eff: Aug 04, 1996	640.000	Total Rental:	896.00	Area : COSWAY
Sub: A	0496080624		Exp: Aug 03, 2001	640.000			TWP. 30, RGE. 26, W4M: SEC. 17
A			Ext: 15	640.000			ALL PNG TO BASE VIKING
	BUMPER DEVELOPM		Ext: Aug 04, 2002				
100.00000000	BUMPER DEVELOPM						

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000541	PNG	CR	Eff: Nov 28, 1985	640.000	Total Rental:	896.00	Area : COSWAY
Sub: A	0485110187		Exp: Nov 27, 1990	640.000			TWP. 30, RGE. 26, W4M: SEC. 20
A			Ext: 95-A	160.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

Status	Acres	Net	Acres	Net
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000642	PNG	CR	Eff: Jun 27, 1985	640.000	Total Rental:	896.00	Area : COSWAY
Sub: A	0485060182		Exp: Jun 26, 1990	640.000			TWP. 30, RGE. 26, W4M: SEC. 21
A			Ext: 95-D	160.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	File Status	Mineral Int	Lse Type	Lease No/Name	Lessor Type	Operator / Payor	Exposure Gross	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
(cont'd)											
000642	Sub: A		Status				Acres	Net		Acres	Net
001121	Sub: A		PNG	CR	Eff: Nov 13, 1997	0497110037	640.000	Total Rental:	896.00		Area : TWINING
	A				Exp: Nov 12, 2002		640.000				TWP. 30, RGE. 26, W4M: SEC. 24
					Ext: 15		640.000				(ALL PNG TO BASE VIKING)
					BUMPER DEVELOPM	Ext: Nov 13, 2002					
100.00000000			Status				Acres	Net		Acres	Net
001122	Sub: A		PNG	CR	Eff: Nov 13, 1997	0497110038	640.000	Total Rental:	896.00		Area : TWINING
	A				Exp: Nov 12, 2002		640.000				TWP. 30, RGE. 26, W4M: SEC. 27
					Ext: 15		640.000				(ALL PNG TO BASE VIKING)
					BUMPER DEVELOPM	Ext: Nov 13, 2002					
100.00000000			Status				Acres	Net		Acres	Net
000669	Sub: A		PNG	CR	Eff: Mar 21, 1997	0487030281	640.000	Total Rental:	896.00		Area : COSWAY
	A				Exp: Mar 20, 1992		640.000				TWP. 30, RGE. 26, W4M: SEC. 31
					Ext: 95-D		320.000				PNG TO BASE VIKING
					EOG RESOURCES						
100.00000000			Status				Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000749	PNG	CR	Eff: Jan 09, 1988	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0488010530		Exp: Jan 08, 1993	640.000			TWP. 30, RGE. 26, W4M: SEC. 32
A			Ext: 95	320.000			PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000749	PNG	CR	Eff: Jan 09, 1988	640.000	Total Rental: 0.00		Area : COSWAY
Sub: B	0488010530		Exp: Jan 08, 1993	640.000			TWP. 30, RGE. 26, W4M: SEC. 32
A			Ext: 95	320.000			PNG BELOW BASE BELLY RIVER TO
	EOG RESOURCES						BASE VIKING
100.00000000	ENCANA O & G	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000650	PNG	CR	Eff: Mar 21, 1985	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0485030213		Exp: Mar 20, 1990	640.000			TWP. 30, RGE. 26, W4M: SEC. 33
A			Ext: 95-A	640.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000649	PNG	CR	Eff: Mar 21, 1985	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0485030214		Exp: Mar 20, 1990	640.000			TWP. 30, RGE. 26, W4M: SEC. 34
A			Ext: 15	480.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES		Ext: Apr 10, 2002				
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000849							
Sub: A	Status		Acres	Net		Acres	Net
001123	PNG	CR	Eff: Mar 21, 1985	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	048503A214		Exp: Mar 20, 1990	640.000			TWP. 30, RGE. 26, W4M: SEC. 35
A			Ext: 95-A	640.000			ALL P & NG TO BASE VIKING
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001020	PNG	CR	Eff: Sep 13, 1981	640.000	Total Rental: 896.00		Area : COSWAY
Sub: C	048109B163		Exp: Sep 12, 1986	640.000			TWP. 30, RGE. 26, W4M: SEC. 36
A			Ext: 95-1A	160.000			ALL P&NG TO BASE OF VIKING
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000870	PNG	CR	Eff: Mar 21, 1987	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0487030282		Exp: Mar 20, 1992	640.000			TWP. 30, RGE. 27, W4M: SEC. 36
A			Ext: 95-A	320.000			PNG TO BASE VIKING
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000331	PNG	CR	Eff: Sep 10, 1974	640.000	Total Rental: 896.00		Area : THREE HILLS
Sub: A	36453		Exp: Sep 09, 1984	640.000			TWP. 31, RGE. 23, W4M: SEC. 2
A				640.000			ALL P&NG TO BASE MANNVILLE
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001260	PNG	CR	Eff: Oct 02, 2003	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0403100065		Exp: Oct 01, 2008	640.000			TWP. 31, RGE. 23, W4M: SEC. 3
A				640.000			PNG BELOW BASE EDMONTON GROUP
	BUMPER DEVELOPM						TO BASE VIKING
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000071	PNG	CR	Eff: Mar 08, 1978	480.000	Total Rental: 672.00		Area : THREE HILLS
Sub: A	0478030077		Exp: Mar 07, 1983	480.000			TWP. 31, RGE. 23, W4M: N/2 &
A			Ext: 99-1A	105.000			SW/4 6
	EOG RESOURCES						ALL P&NG TO BASE OF PEKISKO
100.00000000	EOG RESOURCES						EXCL. NG IN MANNVILLE
	Status		Acres	Net		Acres	Net
000259	PNG	CR	Eff: Oct 02, 1964	180.000	Total Rental: 224.00		Area : THREE HILLS
Sub: A	4306-A		Exp: Oct 01, 1974	160.000			TWP. 31, RGE. 23, W4M: SE/4 6
A			Ext: 99-1D	35.000			ALL P&NG TO BASE PEKISKO EXCL.
	EOG RESOURCES						NG IN MIDDLE MANNVILLE ZONE
100.00000000	PENGROWTH PTSHP						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000259							
Sub: A	Status		Acres	Net		Acres	Net
000082	PNG	FH	Eff: Nov 02, 1973	160.000	Total Rental: 160.00		Area: TWINING
Sub: A	HONECKER, G A		Exp: Nov 01, 1978	160.000			TWP. 31, RGE. 23, W4M: NW/4 8
A			Ext: HBP	26.000			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000082	PNG	FH	Eff: Nov 02, 1973	0.000	Total Rental: 0.00		Area: TWINING
Sub: B	HONECKER, G A		Exp: Nov 01, 1978	0.000			TWP. 31, RGE. 23, W4M: NW/4 8
A			Ext: HBP	0.000			ALL PNG FROM BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000280	PNG	FH	Eff: Dec 20, 1972	106.667	Total Rental: 106.67		Area: TWINING
Sub: A	BRODNER, B L		Exp: Dec 19, 1982	106.667			TWP. 31, RGE. 23, W4M: SW/4 8
A			Ext: HBP	17.333			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	PENGROWTH CORP.						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000281	PNG	FH	Eff: Apr 28, 1973	160.000	Total Rental: 160.00		Area : TWINING
Sub: A	DOME 1974		Exp: Apr 27, 1988	160.000			TWP. 31, RGE. 23, W4M: NE/4 8
A			Ext: HBP	26.000			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	PENGROWTH CORP.						
	Status		Acres	Net		Acres	Net
000282	PNG	FH	Eff: Jan 02, 1965	160.000	Total Rental: 160.00		Area : TWINING
Sub: A	DOME-954		Exp: Jan 01, 1975	160.000			TWP. 31, RGE. 23, W4M: SE/4 8
A			Ext: HBP	26.000			ALL PNG EXCL OSTRACOD TO BASE PEKISKO
	EOG RESOURCES						
100.00000000	PENGROWTH CORP.						
	Status		Acres	Net		Acres	Net
001119	PNG	CR	Eff: Sep 16, 1997	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0497090354		Exp: Sep 17, 2002	640.000			TWP. 31, RGE. 23, W4M: SEC. 11
A			Ext: 15	640.000			ALL PNG FROM BASE VIKING TO BASE MANNVILLE
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000055	PNG	CR	Eff: Jan 05, 1976	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	43111		Exp: Jan 04, 1986	160.000			TWP. 31, RGE. 23, W4M: NE/4 20
A			Ext: 95	9.000			ALL PNG TO BASE PEKISKC
	ENCANA O & G		Ext: Jan 05, 1986				
	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross.				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000055							
Sub: A	Status		Acres	Net		Acres	Net
000897	PNG	CR	Eff: Feb 06, 1956	160.000	Total Rental: 224.00		Area : THREE HILLS
Sub: A	104411		Exp: Feb 05, 1977	160.000			TWP. 31, RGE. 23, W4M: SW/4 20
A			Ext: 99	9.000			ALL PNG TO BASE PEKISKC
	ENCANA O & G						
	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000898	PNG	CR	Eff: Feb 06, 1956	160.000	Total Rental: 224.00		Area : THREE HILLS
Sub: A	104412		Exp: Feb 05, 1977	160.000			TWP. 31, RGE. 23, W4M: NW/4 20.
A			Ext: 99	9.000			ALL PNG TO BASE PEKISKC
	ENCANA O & G						
	ENCANA O & G						
	Status		Acres	Net		Acres	Net
000938	PNG	CR	Eff: Feb 06, 1956	160.000	Total Rental: 224.00		Area : THREE HILLS
Sub: A	104411-A		Exp: Feb 05, 1977	160.000			TWP. 31, RGE. 23, W4M: SE/4 20
A			Ext: 99-A	9.000			ALL PNG TO BASE PEKISKC
	ENCANA O & G						
100.00000000	ENCANA O & G						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000125	PNG	CR	Eff: Apr 26, 1978	640.000	Total Rental: 896.00		Area : GHOSTPINE
Sub: A	0478040206		Exp: Apr 25, 1983	640.000			TWP. 31, RGE. 23, W4M: SEC 29
A			Ext: 99-1A	160.000			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000036	PNG	CR	Eff: May 07, 1975	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	38977		Exp: May 06, 1985	320.000			TWP. 31, RGE. 23, W4M: E/2 30
A			Ext: 99-1A	172.665			(ALL P&NG TO BASE PEKISKC)
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000378	PNG	CR	Eff: Jan 05, 1976	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	43112		Exp: Jan 04, 1986	320.000			TWP. 31, RGE. 23, W4M: W/2 30
A			Ext: 95-1A	172.665			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000036	PNG	CR	Eff: May 07, 1975	320.000	Total Rental: 448.00		Area : TWINING
Sub: B	38977		Exp: May 06, 1985	320.000			TWP. 31, RGE. 23, W4M: E/2 31
A			Ext: 99-1A	175.593			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000036							
Sub: B	Status		Acres	Net		Acres	Net
001033	PNG	CR	Eff: Jan 05, 1976	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	43112-A		Exp: Jan 04, 1986	320.000			TWP. 31, RGE. 23, W4M: W/2 31
A			Ext: 95-1A	175.593			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000046	PNG	CR	Eff: Jul 23, 1974	1,520.000	Total Rental: 2128.00		Area : TWINING
Sub: A	40779		Exp: Jul 22, 1984	1,520.000			TWP. 31, RGE. 24 W4M: SW/4 &
A			Ext: 99-1	380.000			LSDS. 11 & 12 of 3; N/2 10;
	EOG RESOURCES						N/2 11; W/2 13; NW/4 & LSDS.
100.00000000	EOG RESOURCES						2, 7, 10 & 15 of SEC. 14
	Status		Acres	Net		Acres	Net
000046	PNG	CR	Eff: Jul 23, 1974	480.000	Total Rental: 672.00		Area : TWINING
Sub: B	40779		Exp: Jul 22, 1984	480.000			TWP. 31, RGE. 24, W4M: E/2 3,
A			Ext: 99-1	120.000			SE/4 10
	EOG RESOURCES						ALL P&NG TO BASE VIKING, EXCL.
100.00000000	EOG RESOURCES						BELLY RIVER ZONE IN SE/4 1C
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000047							
Sub: B							
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER
	Status		Acres	Net		Acres	Net
001267	PNG	CR	Eff: May 06, 2004	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	0404050099	Exp: May 05, 2009	320.000				TWP. 31, RGE. 24, W4M: W 5
A			60.000				NATURAL GAS ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001267	PNG	CR	Eff: May 06, 2004	320.000	Total Rental: 0.00		Area : TWINING
Sub: B	0404050099	Exp: May 05, 2009	320.000				TWP. 31, RGE. 24, W4M: W 5
A			80.000				PNG FROM BASE BELLY RIVER TO
	EOG RESOURCES						BASE WABAMUN; PETROLEUM ONLY TO
100.00000000	EOG RESOURCES	Count Acreage = No					BASE BELLY RIVER
	Status		Acres	Net		Acres	Net
001310	PNG	CR	Eff: Aug 04, 1994	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	0404080044	Exp: Aug 03, 1999	160.000				TWP. 31, RGE. 24, W4M: SE 5
A			30.000				NATURAL GAS ONLY TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001310							
Sub: A	Status		Acres	Net		Acres	Net
001006	PNG	CR	Eff: Mar 25, 1970	160.000	Total Rental: 224.00		Area: TWINING
Sub: A	21300		Exp: Mar 24, 1980	160.000			TWP. 31, RGE. 24, W4M: SE/4 9
A			Ext: 95	40.000			ALL PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000046	PNG	CR	Eff: Jul 23, 1974	0.000	Total Rental: 0.00		Area: TWINING
Sub: E	40779		Exp: Jul 22, 1984	0.000			TWP. 31, RGE. 24, W4M: SEC. 10
A			Ext: 99-1	0.000			ALL P&NG IN BELLY RIVER ZONE
100.00000000	EOG RESOURCES		Ext: Jul 23, 1984				ONLY
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000046	PNG	CR	Eff: Jul 23, 1974	320.000	Total Rental: 448.00		Area: TWINING
Sub: D	40779		Exp: Jul 22, 1984	320.000			TWP. 31, RGE. 24, W4M: S/2 11
A			Ext: 95	80.000			ALL P&NG TO BASE BELLY RIVER
100.00000000	EOG RESOURCES		Ext: Jul 23, 1984				
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000834	PNG	CR	Eff: Feb 08, 1989	320.000	Total Rental: 448.00		Area: TWINING
Sub: A	0489020058		Exp: Feb 08, 1994	320.000			TWP. 31, RGE. 24, W4M: E/2 13
A			Ext: 95	80.000			ALL PNG BELOW BASE VIKING TO
	EOG RESOURCES						BASE PEKISKO
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000046	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 224.00		Area: TWINING
Sub: F	40779		Exp: Jul 22, 1984	160.000			TWP. 31, RGE. 24, W4M: LSDS. 1,
A			Ext: 95	0.000			8, 9 & 16 OF 14
	REAL RESOURCES		Ext: Jul 23, 1984				ALL P&NG IN PEKISKO ZONE ONLY
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000046	PNG	CR	Eff: Jul 23, 1974	120.000	Total Rental: 168.00		Area: TWINING
Sub: C	40779		Exp: Jul 22, 1984	120.000			TWP. 31, RGE. 24, W4M: LSDS 3,
A			Ext: 99-1	25.295			4, 5 of SEC. 14
	EOG RESOURCES						ALL P&NG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000206	PNG	CR	Eff: Aug 22, 1978	19.880	Total Rental: 50.00		Area: TWINING
Sub: A	0478080177		Exp: Aug 21, 1983	19.880			TWP. 31, RGE. 24, W4M: LSD 6 OF
A			Ext: 99-1A	4.191			14
	EOG RESOURCES						(EXCEPTING 20.125 ACRES OUT OF
100.00000000	EOG RESOURCES						E/2 DESCRIBED IN COT 147-H-139;
							ALL P&NG TO BASE OF PEKISKC

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000206							
Sub: A	Status		Acres	Net		Acres	Net
000382	PNG	FH	Eff: Aug 01, 1977	20.125	Total Rental: 20.13		Area : TWINING
Sub: A	BALLEM, G L		Exp: Jul 31, 1987	20.125			TWP. 31, RGE. 24, W4M: PTN LSD
A			Ext: HBP	4.242			6 OF SEC. 14
100.00000000	EOG RESOURCES						ALL P & NG - ALL ZONES
	SCOTIA OILS LIM						
	Status		Acres	Net		Acres	Net
000047	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 0.00		Area : TWINING
Sub: C	40780		Exp: Jul 22, 1984	160.000			TWP. 31, RGE. 24, W4M: SEC. E/2
A			Ext: 95	30.000			17 (POOLED)
100.00000000	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
	EOG RESOURCES	Count Acreage = No					RIVER INCL. CBM
	Status		Acres	Net		Acres	Net
000277	PNG	CR	Eff: May 08, 1980	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	0480050019		Exp: May 07, 1985	160.000			TWP. 31, RGE. 24, W4M: SW/4 17
A			Ext: 99-1A	40.000			PETROLEUM ONLY TO BASE BELLY
100.00000000	EOG RESOURCES						RIVER; P&NG BELOW BASE BELLY
	EOG RESOURCES						RIVER TO BASE PEKISKC
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000277	PNG CR	Eff: May 08, 1980	160.000	Total Rental:	0.00		Area : TWINING
Sub: B	0480050019	Exp: May 07, 1985	160.000				TWP. 31, RGE. 24, W4M: SEC.
A		Ext: 95	30.000				SW/4 17 (POOLED)
100.00000000	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
	EOG RESOURCES	Count Acreage = No					RIVER INCL. CBM
	Status		Acres	Net		Acres	Net
001341	PNG CR	Eff: Apr 28, 1969	160.000	Total Rental:	224.00		Area : TWINING
Sub: A	17219	Exp: Apr 27, 1979	160.000				TWP. 31, RGE. 24, W4M: SEC.
A		Ext: 95	30.000				NW/4 17 (POOLED)
100.00000000	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
	CONOCOPHILLI						RIVER INCL. CBM
	Status		Acres	Net		Acres	Net
000001	PNG CR	Eff: Sep 19, 1962	480.000	Total Rental:	672.00		Area : TWINING
Sub: A	220	Exp: Sep 18, 1972	480.000				TWP. 31, RGE. 24, W4M: N/2 &
A		Ext: 95	120.000				SE/4 19
100.00000000	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000001	PNG CR	Eff: Sep 19, 1962	160.000	Total Rental:	224.00		Area : TWINING
Sub: B	220	Exp: Sep 18, 1972	160.000				TWP. 31, RGE. 24, W4M: SW/4 19
A		Ext: 95	40.000				ALL P&NG TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	EOG RESOURCES						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(conf'd)							
000001							
Sub: B	Status		Acres	Net		Acres	Net
001246	PNG	CR	Eff: May 01, 2003	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	0403050062		Exp: Apr 30, 2008	160.000			TWP. 31, RGE. 24, W4M: SEC. SW
A				40.000			19
	EOG RESOURCES						ALL PNG FROM BASE BELLY RIVER
100.00000000	EOG RESOURCES						TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000357	PNG	CR	Eff: Feb 04, 1963	960.000	Total Rental: 1344.00		Area : TWINING
Sub: A	127226		Exp: Feb 03, 1984	960.000			TWP. 31, RGE. 24 W4M: SEC. 21,
A			Ext: 99-1A	60.000			W/2 27
	PENGROWTH PTSHIP						ALL P&NG TO BASE PEKISKC
100.00000000	PENGROWTH PTSHIP						
	Status		Acres	Net		Acres	Net
000020	PNG	CR	Eff: Dec 08, 1971	140.000	Total Rental: 196.00		Area : TWINING
Sub: A	26657		Exp: Dec 07, 1981	140.000			TWP. 31, RGE. 24, W4M: PTN LSD
A			Ext: 99-A	35.000			10, LSDS 9, 15, 16 OF SEC 22
	EOG RESOURCES						ALL P&NG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000117	PNG	FH	Eff: Jun 02, 1971	20.125	Total Rental: 100.63		Area : TWINING
Sub: A	GISH ET AL		Exp: Jun 01, 1976	20.125			TWP. 31, RGE. 24, W4M: PTN LSD
A			Ext: HBP	5.031			10 OF SEC 22
	EOG RESOURCES						ALL PNG- ALL ZONES
100.00000000	EOG RESOURCES						
	Status:		Acres	Net		Acres	Net
000048	PNG	CR	Eff: Jul 23, 1974	1,040.000	Total Rental: 1458.00		Area : TWINING
Sub: A	40781		Exp: Jul 22, 1984	1,040.000			TWP. 31, RGE. 24, W4M: NE/4,
A			Ext: 95-A	260.000			LSDS. 3, 4, 5, 12, 13, & 14 OF
	EOG RESOURCES						SEC. 23,
100.00000000	EOG RESOURCES						ALL 24
	Status:		Acres	Net		Acres	Net
000048	PNG	CR	Eff: Jul 23, 1974	160.000	Total Rental: 224.00		Area : TWINING
Sub: B	40781		Exp: Jul 22, 1984	160.000			TWP. 31, RGE. 24, W4M: SE/4 23
A			Ext: 95-A	40.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status:		Acres	Net		Acres	Net
001303	PNG	CR	Eff: Dec 15, 2005	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	0405120447		Exp: Dec 14, 2010	160.000			TWP. 31, RGE. 24, W4M: SE/4 23
A				40.000			ALL PNG BELOW BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
001303							
Sub: A	Status		Acres	Net		Acres	Net
000048	PNG	CR	Eff: Jul 23, 1974	80.000	Total Rental: 112.00		Area : TWINING
Sub: C	40781		Exp: Jul 22, 1984	80.000			TWP. 31, RGE. 24, W4M: LSDS. 6
A			Ext: 95-A	10.000			& 11 OF SEC. 23
	REAL RESOURCES						ALL P&NG IN PEKISKO ZONE ONLY
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000048	PNG	CR	Eff: Jul 23, 1974	0.000	Total Rental: 0.00		Area : TWINING
Sub: D	40781		Exp: Jul 22, 1984	0.000			TWP. 31, RGE. 24, W4M: LSDS. 6
A			Ext: 95-A	0.000			& 11 OF SEC. 23
	EOG RESOURCES						ALL P&NG TO TOP PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000238	PNG	FH	Eff: Oct 07, 1971	160.000	Total Rental: 160.00		Area : TWINING
Sub: B	GISH, ET AL		Exp: Oct 06, 1976	160.000			TWP. 31, RGE. 24, W4M: NE/4 25
A			Ext: HBP	18.125			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000238	PNG	FH	Eff: Oct 07, 1971	0.000	Total Rental:	0.00	Area : TWINING
Sub: D	GISH, ET AL		Exp: Oct 06, 1976	0.000			TWP. 31, RGE. 24, W4M: NE/4 25,
A			Ext: HBP	0.000			LSD 4 OF SEC 36
	EOG RESOURCES						ALL PNG FROM BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000285	PNG	FH	Eff: Mar 21, 1961	160.000	Total Rental:	0.00	Area : TWINING
Sub: A	PERRY R W		Exp: Mar 20, 1971	160.000			TWP. 31, RGE. 24, W4M: SW/4 25
A			Ext: HBP	18.125			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
	RIPPER O & G						
	Status		Acres	Net		Acres	Net
000378	PNG	CR	Eff: Jan 05, 1976	220.000	Total Rental:	308.00	Area : TWINING
Sub: B	43112		Exp: Jan 04, 1986	220.000			TWP. 31, RGE. 24, W4M: SE/4,
A			Ext: 95	24.922			LSD 12 AND PTN LSD 13 OF SEC 25
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000286	PNG	FH	Eff: Aug 21, 1978	80.000	Total Rental:	0.00	Area : TWINING
Sub: A	BALLEM, G L		Exp: Aug 20, 1988	80.000			TWP. 31, RGE. 24, W4M: LSD 11 &
A			Ext: HBP	9.063			14 OF SEC 25
	EOG RESOURCES						ALL P&NG TO BASE PEKISKC
	SCOTIA OILS LIM						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000286							
Sub: A	Status		Acres	Net		Acres	Net
000204	PNG	FH	Eff: Dec 18, 1972	20.000	Total Rental: 25.00		Area : TWINING
Sub: A	OLSEN, L R		Exp: Dec 17, 1982	20.000			TWP. 31, RGE. 24, W4M: PTN. LSD
A			Ext: HBP	2.266			13 OF SEC 25
	EOG RESOURCES						POOLED TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000238	PNG	FH	Eff: Oct 07, 1971	280.000	Total Rental: 280.00		Area : TWINING
Sub: A	GISH, ET AL		Exp: Oct 06, 1976	280.000			TWP. 31, RGE. 24, W4M: SE/4 26,
A			Ext: HBP	70.000			LSDS 2, 7, 8 OF SEC 35
	EOG RESOURCES						ALL PNG - ALL ZONES
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000240	PNG	FH	Eff: Dec 01, 1971	160.000	Total Rental: 160.00		Area : TWINING
Sub: A	BERGMAN, K S		Exp: Nov 30, 1976	160.000			TWP. 31, RGE. 24, W4M: NW/4 26
A			Ext: HBP	40.000			ALL PNG - ALL ZONES
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000192	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental:	50.00		Area : TWINING
Sub: A	SCOTT, E A	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
14.28571000	419258 LIMITED						ALL P&NG TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000193	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental:	50.00		Area : TWINING
Sub: A	TRENTAM, A G	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
14.28571000	419258 LIMITED						ALL P&NG TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000194	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental:	50.00		Area : TWINING
Sub: A	CUNNINGHAM, E M	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
14.28571000	419258 LIMITED						ALL P&NG TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000195	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental:	50.00		Area : TWINING
Sub: A	TRENTAM, W S	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
100.00000000	419258 LIMITED						ALL P&NG TO BASE PEKISKC

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease Mo/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held

(cont'd)

000195							
Sub: A	Status		Acres	Net		Acres	Net
000196	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental: 50.00			Area : TWINING
Sub: A	TRENTHAM, G T	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
100.00000000	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
	419258 LIMITED						ALL PNG TO BASE PEKISKCO
	Status		Acres	Net		Acres	Net
000197	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental: 50.00			Area : TWINING
Sub: A	TRENTHAM, H C	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
14.28571000	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
	419258 LIMITED						ALL PNG TO BASE PEKISKCO
	Status		Acres	Net		Acres	Net
000198	PNG FH	Eff: Nov 30, 1978	5.714	Total Rental: 50.00			Area : TWINING
Sub: A	TRENTHAM, E M	Exp: Nov 29, 1981	5.714				TWP. 31, RGE. 24, W4M: LSD 16
A		Ext: HBP	1.429				OF SEC 26
14.28571000	EOG RESOURCES						(UNDIVIDED 1/7 INTEREST;
	419258 LIMITED						ALL PNG TO BASE PEKISKCO
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000014	PNG	CR	Eff: Jun 16, 1970	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	21911		Exp: Jun 15, 1980	640.000			TWP. 31, RGE. 24, W4M: SEC. 28
A			Ext: 99-A	160.000			ALL P&NG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000049	PNG	CR	Eff: Jul 23, 1974	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	40782		Exp: Jul 22, 1984	640.000			TWP. 31, RGE. 24, W4M: SEC. 30
A			Ext: 95	160.000			ALL PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES		Ext: Jul 23, 1984				
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000049	PNG	CR	Eff: Jul 23, 1974	560.000	Total Rental: 784.00		Area : TWINING
Sub: C	40782		Exp: Jul 22, 1984	560.000			TWP. 31, RGE. 24, W4M: S/2,
A			Ext: 95	140.000			NE/4 & LSDS. 11 & 14 OF 31
100.00000000	EOG RESOURCES		Ext: Jul 23, 1984				PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; ALL PNG BELOW BASE BELLY
	Status		Acres	Net		Acres	Net
000049	PNG	CR	Eff: Jul 23, 1974	560.000	Total Rental: 0.00		Area : TWINING
Sub: D	40782		Exp: Jul 22, 1984	560.000			TWP. 31, RGE. 24, W4M: S/2,
A			Ext: 95	122.500			NE/4 & LSDS. 11 & 14 OF 31
100.00000000	EOG RESOURCES		Ext: Jul 23, 1984				NATURAL GAS ONLY TO BASE BELLY
	EOG RESOURCES		Count Acreage = No				RIVER (INCL. CBM)

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000049							
Sub: D	Status		Acres	Net		Acres	Net
001331	PNG	CR	Eff: Mar 04, 2004	80.000	Total Rental: 112.00		Area : TWINING
Sub: A	0404030072		Exp: Mar 03, 2009	80.000			TWP. 31, RGE. 24, W4M: LSDS. 12
A				17.500			& 13 OF 31
	EOG RESOURCES						NATURAL GAS ONLY TO BASE BELLY
100.00000000	QUICKSILVER RES						RIVER (INCL. CBM)
	Status		Acres	Net		Acres	Net
000355	PNG	CR	Eff: Jun 05, 1961	960.000	Total Rental: 1344.00		Area : TWINING
Sub: A	124007		Exp: Jun 04, 1982	960.000			TWP. 31, RGE. 24, W4M: NE/4 32,
A			Ext: 99-D	120.000			N/2 33, NW/4 34
	PENGROWTH PTSHP						TWP. 32, RGE. 24, W4M: SW/4 3,
100.00000000	PENGROWTH PTSHP						SE/4 5
	Status		Acres	Net		Acres	Net
							PETROLEUM ONLY TO BASE BELLY
							RIVER; ALL PNG FROM BASE BELLY
							RIVER TO BASE PEKISKC
000355	PNG	CR	Eff: Jun 05, 1961	160.000	Total Rental: 0.00		Area : TWINING
Sub: B	124007		Exp: Jun 04, 1982	160.000			TWP. 31, RGE. 24, W4M: NE/4 32
A			Ext: 99-D	5.000			NATURAL GAS (INCL. CBM) TO BASE
	PENGROWTH PTSHP						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHP	Count Acreage = No					
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000355							
Sub: B							
001291	PNG	CR	Eff: Mar 25, 1970	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	21298		Exp: Mar 24, 1980	320.000			TWP. 31, RGE. 24, W4M: W/2 32
A			Ext: 95-1	10.000			ALL NATURAL GAS (INCL. CBM) TO
	CONOCOPHIL WEST						BASE BELLY RIVER (POOLED)
100.00000000	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
001292	PNG	CR	Eff: Oct 24, 1981	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	124088		Exp: Oct 23, 1982	160.000			TWP. 31, RGE. 24, W4M: SE/4 32
A			Ext: 95-1	5.000			NATURAL GAS (INCL. CBM) TO BASE
	CONOCOPHIL WEST						BELLY RIVER (POOLED)
100.00000000	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
000355	PNG	CR	Eff: Jun 05, 1981	320.000	Total Rental: 0.00		Area : TWINING
Sub: G	124007		Exp: Jun 04, 1982	320.000			TWP. 31, RGE. 24, W4M: N/2 33
A			Ext: 99-D	30.000			NATURAL GAS INCL. CBM TO BASE
	CONOCOPHILLI						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHF	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000357	PNG	CR	Eff: Feb 04, 1983	480.000	Total Rental: 672.00		Area : TWINING

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000357							
Sub: B	127226	Exp: Feb 03, 1984	480.000				TWP. 31, RGE. 24 W4M: S/2 33,
A		Ext: 99-1A	30.000				SW/4 34
	PENGROWTH PTSH						PETROLEUM ONLY TO BASE BELLY
100.00000000	PENGROWTH PTSH	Count Acreage = No					RIVER; ALL P&NG BELOW BASE
	Status		Acres	Net		Acres	Net
000357	PNG	CR	Eff: Feb 04, 1983	320.000	Total Rental: 0.00		Area : TWINING
Sub: C	127226	Exp: Feb 03, 1984	320.000				TWP. 31, RGE. 24 W4M: S/2 33
A		Ext: 99-1A	30.000				NATURAL GAS INCL. CBM TO BASE
	CONOCOPHILLI						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSH						
	Status		Acres	Net		Acres	Net
000335	PNG	CR	Eff: Sep 24, 1981	160.000	Total Rental: 0.00		Area : TWINING
Sub: A	0481090100	Exp: Sep 23, 1986	160.000				TWP. 31, RGE. 24, W4M: SE/4 34
A		Ext: 95-1A	80.000				PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; PNG FROM BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER TO TOP PEKISK
	Status		Acres	Net		Acres	Net
000335	PNG	CR	Eff: Sep 24, 1981	160.000	Total Rental: 0.00		Area : TWINING
Sub: B	0481090100	Exp: Sep 23, 1986	160.000				TWP. 31, RGE. 24, W4M: SE/4 34
A		Ext: 95-1A	27.500				NATURAL GAS INCL. CBM TO BASE
	CONOCOPHILLI						BELLY RIVER (POOLED)

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

(cont'd)

000335

Sub: B

100.00000000 EOG RESOURCES Count Acreage = No

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000335 PNG CR Eff: Sep 24, 1981 160.000 Total Rental: 224.00

Sub: C 0481090100 Exp: Sep 23, 1986 160.000

A Ext: 95-1A 0.000

Area : TWINING

TWP. 31, RGE. 24, W4M: SE/4 34

ALL PNG IN RUNDLE FORMATION

EOG RESOURCES

00.00000000 EOG RESOURCES

Status	Acres	Net	Acres	Net
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000355 PNG CR Eff: Jun 05, 1981 160.000 Total Rental: 0.00

Sub: F 124007 Exp: Jun 04, 1982 160.000

A Ext: 99-D 27.500

Area : TWINING

TWP. 31, RGE. 24, W4M: NW/4 34

NATURAL GAS INCL. CBM TO BASE

BELLY RIVER (POOLED)

CONOCOPHILLI

100.00000000 PENGROWTH PTSHF Count Acreage = No

Status	Acres	Net	Acres	Net
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000357 PNG CR Eff: Feb 04, 1983 160.000 Total Rental: 0.00

Sub: D 127226 Exp: Feb 03, 1984 160.000

A Ext: 99-1A 27.500

Area : TWINING

TWP. 31, RGE. 24 W4M: SW/4 34

NATURAL GAS INCL. CBM TO BASE

BELLY RIVER (POOLED)

CONOCOPHILLI

100.00000000 PENGROWTH PTSHF

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payer		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000357							
Sub: D	Status		Acres	Net		Acres	Net
001334	PNG	CR	Eff: Mar 25, 1970	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	21295		Exp: Mar 24, 1980	160.000			TWP. 31, RGE. 24, W4M: NE/4 34
A			Ext: 99-1	27.500			NATURAL GAS INCL CBM TO BASE
	CONOCOPHILLI.						BELLY RIVER (POOLED)
100.00000000	CONOCOPHILLI						
	Status		Acres	Net		Acres	Net
000239	PNG	FH	Eff: Sep 25, 1977	19.960	Total Rental: 100.00		Area : TWINING
Sub: A	GISH, ET AL		Exp: Sep 24, 1982	19.960			TWP. 31, RGE. 24, W4M: PTN SEC
A			Ext: HBP	4.990			35;
	EOG RESOURCES						(LOTS 3 TO 8, 10, 11 IN BLK 3;
100.00000000	EOG RESOURCES						LOTS
	Status		Acres	Net		Acres	Net
							1, 2, 5 TO 12 IN BLK 4; LOT 1,
							4, 6
							TO 11 IN BLK 5; LOT 5, 6, 9,
							10, 11 &
							12 IN BLK 6; LOT 1 THRU 12 IN
							BLK 9;
							LOT 3 THRU 12 IN BLK 10 CONT.
							6.57
							ACRES; ALL OF BLKS 1, 2, 7, 8;
							LOTS
							3, 4, 5, 7, 8, 10 IN BLK 11;
							LOT 1,
							4 THRU 11 IN BLK 12; LOT 1

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held

(cont'd)

000239	A						THRU 8, 10, 11 & 12 IN BLK 13; LOT 3, 9, 10, 11, 12 IN BLK 14; LOT 2, 3, 4, 5, 7 THRU 12 IN BLK 15; LOT 1, 2, 3, 5 THRU 12 IN BLK 16; CONTAINING 13.39 ACRES) ALL PNG - ALL ZONES
--------	---	--	--	--	--	--	---

000423	FMT	FH	Eff: Jan 01, 1978	4.261	Total Rental:	0.00	Area : TWINING
Sub: A	EOG RESOURCES	C	Exp: Dec 31, 2078	4.261			TWP. 31, RGE. 24, W4M: PTN.
A			Ext: HBP	1.065			SEC. 35
	EOG RESOURCES						ALL P&NG - ALL ZONES
100.00000000	EOG RESOURCES						

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000116	PNG	FH	Eff: Jun 11, 1975	14.710	Total Rental:	14.71	Area : TWINING
Sub: A	EOG RESOURCES	C	Exp: Jun 10, 1980	14.710			TWP. 31, RGE. 24, W4M: PTN. LSD
A			Ext: HBP	3.678			.1 OF SEC. 35
	EOG RESOURCES						ALL P & NG - ALL ZONES
100.00000000	EOG RESOURCES						

Status	Acres	Net	Acres	Net
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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000434	PNG	FH	Eff: Jan 01, 1978	0.517	Total Rental:	0.00	Area : TWINING
Sub: A	MOODIE/MCCULLOUGH	Exp: Dec 31, 2077	0.517				TWP. 31, RGE. 24 W4M: LSD 1 OF
A		Ext: HBP	0.129				SEC 35
	EOG RESOURCES						FORCE POOL
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000238	PNG	FH	Eff: Oct 07, 1971	40.000	Total Rental:	40.00	Area : TWINING
Sub: C	GISH, ET AL	Exp: Oct 06, 1976	40.000				TWP. 31, RGE. 24 W4M: LSD 4 OF
A		Ext: HBP	5.313				SEC 36
	EOG RESOURCES						ALL PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001130	PNG	CR	Eff: Sep 17, 1998	640.000	Total Rental:	896.00	Area : COSWAY
Sub: A	0498090346	Exp: Sep 16, 2003	640.000				TWP. 31, RGE. 25, W4M: SEC. 01
A		Ext: 15	320.000				ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES	Ext: Jun 06, 2005					GROUP
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001272	PNG	CR	Eff: May 28, 1998	640.000	Total Rental:	896.00	Area : TWINING
Sub: A	0498050256	Exp: May 27, 2003	640.000				TWP. 31, RGE. 25, W4M: SEC. 2
A		Ext: 15	160.000				ALL PNG TO BASE EDMONTON
	EOG RESOURCES	Ext: Sep 22, 2004					
100.00000000	EXXONMOBIL CAN.						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001272							
Sub: A	Status		Acres	Net		Acres	Net
000497	PNG	CR	Eff: Jan 02, 1975	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	37531		Exp: Jan 01, 1985	640.000			TWP. 31, RGE. 25, W4M: SEC. 4
A			Ext: 99-1A	160.000			NATURAL GAS ONLY TO BASE VIKING
	EOG RESOURCES						
100.00000000	PENGROWTH CORP.						
	Status		Acres	Net		Acres	Net
000128	PNG	CR	Eff: Aug 09, 1978	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0478080185		Exp: Aug 08, 1983	640.000			TWP. 31, RGE. 25, W4M: SEC. 5
A			Ext: 99-1A	160.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001020	PNG	CR	Eff: Sep 13, 1981	640.000	Total Rental: 896.00		Area : COSWAY
Sub: B	048109B163		Exp: Sep 12, 1986	640.000			TWP. 31, RGE. 25, W4M: SEC. 6
A			Ext: 95-1A	160.000			ALL P&NG TO BASE OF VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000258	PNG CR	Eff: Sep 13, 1979	640.000	Total Rental:	896.00		Area : COSWAY
Sub: A	0479090033	Exp: Sep 12, 1984	640.000				TWP. 31, RGE. 25, W4M: SEC. 7
A		Ext: 99-1A	160.000				ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001131	PNG CR	Eff: Sep 17, 1998	640.000	Total Rental:	896.00		Area : TWINING
Sub: A	0498090347	Exp: Sep 16, 2003	640.000				TWP. 31, RGE. 25, W4M: SEC. 10
A		Ext: 15	640.000				(ALL PNG TO BASE VIKING)
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001132	PNG CR	Eff: Sep 17, 1998	640.000	Total Rental:	896.00		Area : TWINING
Sub: A	0498090348	Exp: Sep 16, 2003	640.000				TWP. 31, RGE. 25, W4M: SEC. 11
A		Ext: 15	640.000				ALL PNG TO BASE VIKING
	BUMPER DEVELOPM	Ext: Sep 17, 2003					
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001332	PNG CR	Eff: Jul 27, 2006	640.000	Total Rental:	896.00		Area : TWINING
Sub: A	0406070529	Exp: Jul 26, 2011	640.000				TWP. 31, RGE. 25, W4M: SEC. 14
A			144.000				PNG BELOW BASE EDMONTON TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001332							
Sub: A	Status		Acres	Net		Acres	Net
001342	PNG	CR	Eff: Jul 13, 2000	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0400070083		Exp: Jul 12, 2005	640.000			TWP. 31, RGE. 25, W4M: SEC. 14
A			Ext: 17	114.304			ALL PNG TO BASE EDMONTON
100.00000000	EOG RESOURCES		Ext: Jul 12, 2006				
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000456	PNG	CR	Eff: Nov 17, 1983	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0483110151		Exp: Nov 16, 1988	640.000			TWP. 31, RGE. 25, W4M: SEC 16
A			Ext: 95-A	320.000			P&NG TO BASE VIKING
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000013	PNG	CR	Eff: Nov 20, 1969	640.000	Total Rental: 896.00		Area : LINDEN
Sub: A	21043		Exp: Nov 19, 1979	640.000			TWP. 31, RGE. 25, W4M: SEC. 17
A			Ext: 95	112.000			ALL P&NG TO THE BASE OF VIKING
100.00000000	CREW ENERGY INC						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000013	PNG	CR	Eff: Nov 20, 1969	640.000	Total Rental: 898.00		Area : LINDEN
Sub: C	21043		Exp: Nov 19, 1979	640.000			TWP. 31, RGE. 25, W4M SEC. 20
A			Ext: 15	20.000			ALL PNG TO THE BASE OF BELLY RIVER
100.00000000	TRIDENT EXPLOR.		Ext: May 05, 2004				
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001126	PNG	CR	Eff: Apr 02, 1998	640.000	Total Rental: 898.00		Area : COSWAY
Sub: A	0498040078		Exp: Apr 02, 2003	640.000			TWP. 31, RGE. 25, W4M: SEC. 22
A			Ext: 15	320.000			ALL PNG TO BASE EDMONTON
100.00000000	EOG RESOURCES						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001290	PNG	CR	Eff: May 19, 2005	640.000	Total Rental: 898.00		Area : TWINING
Sub: A	0405050445		Exp: May 18, 2010	640.000			TWP. 31, RGE. 25, W4M: SEC. 22
A				320.000			ALL PNG BELOW BASE EDMONTON TO BASE VIKING
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001244	PNG	CR	Eff: Apr 17, 2003	640.000	Total Rental: 898.00		Area : LINDEN
Sub: A	0403040564		Exp: Apr 16, 2008	640.000			TWP. 31, RGE. 25, W4M: SEC. 23
A				640.000			ALL PNG BELOW BASE BELLY RIVER
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001244							
Sub: A	Status		Acres	Net		Acres	Net
001343	PNG	CR	Eff: Aug 08, 2002	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0402080057		Exp: Aug 07, 2007	640.000			TWP. 31, RGE. 25, W4M: SEC. 23
A				114.304			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001345	PNG	CR	Eff: Jul 14, 1988	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0488070055		Exp: Jul 13, 1993	640.000			TWP. 31, RGE. 25, W4M: SEC. 24
A			Ext: 15	114.304			
	EOG RESOURCES						
100.00000000	EOG RESOURCES						ALL PNG TO BASE BELLY RIVER
	Status		Acres	Net		Acres	Net
001268	PNG	CR	Eff: May 06, 2004	160.000	Total Rental: 224.00		Area : KNEEHILL
Sub: A	0404050101		Exp: May 05, 2009	160.000			TWP. 31, RGE. 25, W4M: NW 25
A				31.424			(POOLED)
	EOG RESOURCES						NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Dot Partner(s)	*	*	Lease Description / Rights Held
001268	PNG	CR	Eff: May 06, 2004	160.000	Total Rental:	0.00	Area : KNEEHILL
Sub: B	0404050101		Exp: May 05, 2009	160.000			TWP. 31, RGE. 25, W4M: NW 25
A				40.000			PNG BELOW BASE BELLY RIVER;
	EOG RESOURCES						PETROLEUM ONLY ABOVE BASE BELLY
100.00000000	EOG RESOURCES	Count Acreage = No					RIVER
	Status		Acres	Net		Acres	Net
001294	PNG	CR	Eff: Jul 14, 1988	480.000	Total Rental:	672.00	Area : KNEEHILL
Sub: A	0488070056		Exp: Jul 13, 1993	480.000			TWP. 31, RGE. 25, W4M: S & NE 25
A			Ext: 95	94.272			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES	Ext: Jul 14, 1993					
100.00000000	ENCANA CORP.						
	Status		Acres	Net		Acres	Net
001269	PNG	CR	Eff: May 06, 2004	160.000	Total Rental:	224.00	Area : KNEEHILL
Sub: A	0404050102		Exp: May 05, 2009	160.000			TWP. 31, RGE. 25, W4M: NE 26
A				40.000			PETROLEUM FROM SURFACE TO
	EOG RESOURCES						BASEMENT; NATURAL GAS BELOW
100.00000000	EOG RESOURCES						BASE BELLY RIVER TO BASEMENT
	Status		Acres	Net		Acres	Net
001269	PNG	CR	Eff: May 06, 2004	160.000	Total Rental:	0.00	Area : KNEEHILL
Sub: B	0404050102		Exp: May 05, 2009	160.000			TWP. 31, RGE. 25, W4M: NE 26
A				10.000			NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES	Count Acreage = No					

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001269							
Sub: B	Status		Acres	Net		Acres	Net
001335	PNG	FH	Eff: Dec 02, 2003	180.000	Total Rental: 640.00		Area : KNEEHILL
Sub: A	MEIKLEJOHN MINER	Exp: Dec 01, 2008	180.000				TWP. 31, RGE. 25, W4M: NW 26
A			10.000				NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001336	PNG	FH	Eff: Aug 22, 2003	320.000	Total Rental: 1280.00		Area : KNEEHILL
Sub: A	PRAIRIE BIBLE INST	Exp: Aug 21, 2008	320.000				TWP. 31, RGE. 25, W4M: S/2 26
A			20.000				NATURAL GAS TO BASE BELLY RIVER
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001128	PNG	CR	Eff: Apr 02, 1998	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0498040078	Exp: Apr 02, 2003	640.000				TWP. 31, RGE. 25, W4M: SEC. 27
A		Ext: 15	320.000				ALL PNG TO BASE EDMONTON
	EOG RESOURCES						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001333	PNG	CR	Eff: Jul 27, 2006	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0406070531		Exp: Jul 26, 2011	640.000			TWP. 31, RGE. 25, W4M: SEC. 27
A				320.000			PNG BELOW BASE EDMONTON TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000013	PNG	CR	Eff: Nov 20, 1969	160.000	Total Rental: 224.00		Area : LINDEN
Sub: E	21043		Exp: Nov 19, 1979	160.000			TWP. 31, RGE. 25, W4M: SE/4 29
A			Ext: 15	5.333			ALL P&NG TO BASE EDMONTON
	TRIDENT EXPLOR.		Ext: May 05, 2004				
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001174	PNG	CR	Eff: Nov 20, 1969	480.000	Total Rental: 672.00		Area : LINDEN
Sub: A	21043-B		Exp: Nov 19, 1979	480.000			TWP. 31, RGE. 25, W4M: N/2 & SW/4 29
A			Ext: 15	15.000			ALL P&NG TO BASE EDMONTON GROUP
	TRIDENT EXPLOR.		Ext: Oct 23, 2003				
100.00000000	TRIDENT EXPLOR.						
	Status		Acres	Net		Acres	Net
000013	PNG	CR	Eff: Nov 20, 1969	480.000	Total Rental: 672.00		Area : LINDEN
Sub: B	21043		Exp: Nov 19, 1979	480.000			TWP. 31, RGE. 25, W4M: SEC. N & SW 30
A			Ext: 15	15.000			ALL PNG TO BASE VIKING
	TRIDENT EXPLOR.		Ext: May 05, 2004				
100.00000000	HUSKY OIL OP.						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000013							
Sub: B	Status		Acres	Net		Acres	Net
000013	PNG	CR	Eff: Nov 20, 1969	160.000	Total Rental: 224.00		Area : LINDEN
Sub: D	21043		Exp: Nov 19, 1979	160.000			TWP. 31, RGE. 25, W4M: SEC. SE
A			Ext: 15	5.000			30
100.00000000	TRIDENT EXPLOR.		Ext: May 05, 2004				ALL PNG TO BASE MANNVILLE
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001245	PNG	CR	Eff: Apr 17, 2003	640.000	Total Rental: 896.00		Area : LINDEN
Sub: A	0403040566		Exp: Apr 16, 2008	640.000			TWP. 31, RGE. 25, W4M: SEC. 31
A				640.000			ALL PNG FROM BASE BELLY RIVER
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001344	PNG	CR	Eff: Sep 05, 2002	1,920.000	Total Rental: 2688.00		Area : TWINING
Sub: A	0402090060		Exp: Sep 04, 2007	1,920.000			TWP. 31, RGE. 25, W4M: SECS.
A				342.912			33, 34
100.00000000	EOG RESOURCES						TWP. 32, RGE. 25, W4M: SEC. 4
	EOG RESOURCES						ALL PNG TO BASE BELLY RIVER
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000049	PNG	CR	Eff: Jul 23, 1974	960.000	Total Rental: 1344.00		Area : TWINING
Sub: B	40782		Exp: Jul 22, 1984	960.000			TWP. 31, RGE. 25, W4M: N/2 35,
A			Ext: 15	240.000			ALL 35
	EOG RESOURCES		Ext: Jan 17, 2004				ALL PNG TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000122	PNG	CR	Eff: Jun 29, 1977	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	0477060225		Exp: Jun 28, 1982	320.000			TWP. 31, RGE. 25, W4M: S/2 35.
A			Ext: 15	80.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES		Ext: Jan 17, 2004				
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001255	PNG	FH	Eff: Nov 12, 2002	640.722	Total Rental: 1296.50		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8688.0		Exp: Nov 11, 2003	640.722			TWP. 31, RGE. 26, W4M: SEC. 1
A				640.722			ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001301	PNG	CR	Eff: Oct 06, 2005	640.000	Total Rental: 986.00		Area : LONE PINE CREEK
Sub: A	0405100071		Exp: Oct 05, 2010	640.000			TWP. 31, RGE. 28, W4M: SEC. 2
A				640.000			PNG BELOW BASE BELLY RIVER
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number File Status Mineral Int	Lease Type Lease No/Name Operator / Payor	Lessor Type	Exposure Gross Net	Oper.Cont. Dol Partner(s)	ROFR *	DOI Code *	Lease Description / Rights Held
(cont'd)							
001301 Sub: A	Status		Acres	Net		Acres	Net
000874 Sub: A A	PNG 0489060246 EOG RESOURCES 100.00000000	CR Exp: Jun 14, 1994 Ext: 95 EOG RESOURCES	Eff: Jun 15, 1989 640.000 640.000 160.000	Total Rental: 896.00			Area : COSWAY TWP. 31, RGE. 26, W4M: SEC. 4 ALL PNG TO BASE VIKING
	Status		Acres	Net		Acres	Net
001254 Sub: A A	PNG EXXONMOBIL 8690.0 BUMPER DEVELOPM 100.00000000	FH Exp: Nov 11, 2003 BUMPER DEVELOPM	Eff: Nov 12, 2002 645.911 645.911 645.911	Total Rental: 1307.00			Area : LONE PINE CREEK TWP. 31, RGE. 26, W4M: SEC. 5 ALL PNG IN VIKING
	Status		Acres	Net		Acres	Net
000671 Sub: A A	PNG 0487030283 EOG RESOURCES 100.00000000	CR Exp: Mar 20, 1992 Ext: 95-A EOG RESOURCES	Eff: Mar 21, 1987 640.000 640.000 320.000	Total Rental: 896.00			Area : COSWAY TWP. 31, RGE. 26, W4M: SEC. 6 ALL PNG TO BASE VIKING
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
001282	PNG	FH	Eff: Jul 28, 2004	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8692.0	Exp: Jul 27, 2005	639.486				TWP. 31, RGE. 26, W4M: SEC. 9
A			639.486				ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000553	PNG	CR	Eff: Mar 08, 1986	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0486030371	Exp: Mar 07, 1991	640.000				TWP. 31, RGE. 26, W4M: SEC. 10
A		Ext: 95	0.000				ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001256	PNG	FH	Eff: Nov 12, 2002	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8694.0	Exp: Nov 11, 2003	639.486				TWP. 31, RGE. 26, W4M: SEC. 15
A			639.486				ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000556	PNG	CR	Eff: Mar 08, 1986	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0486030374	Exp: Mar 07, 1991	640.000				TWP. 31, RGE. 26, W4M: SEC. 16
A		Ext: 95-A	160.000				ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000556							
Sub: A	Status		Acres	Net		Acres	Net
000557	PNG	CR	Eff: Mar 08, 1986	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0486030375		Exp: Mar 07, 1991	640.000			TWP. 31, RGE. 26, W4M; SEC. 22
A			Ext: 95-A	160.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000930	PNG	FH	Eff: Aug 02, 1993	80.000	Total Rental: 80.00		Area : COSWAY
Sub: A	PRYOR TRUSTEES		Exp: Aug 01, 1996	80.000			TWP. 31, RGE. 26, W4M; SW/4 26
A				10.000			P&NG TO BASE VIKING
	EOG RESOURCES						(AS TO AN UNDIVIDED 1/2
50.00000000	EOG RESOURCES						INTEREST)
	Status		Acres	Net		Acres	Net
000930	PNG	FH	Eff: Aug 02, 1993	0.000	Total Rental: 0.00		Area : COSWAY
Sub: B	PRYOR TRUSTEES		Exp: Aug 01, 1996	0.000			TWP. 31, RGE. 26, W4M; SW/4 26
A				0.000			PNG BELOW BASE VIKING
	EOG RESOURCES						(AS TO AN UNDIVIDED 1/2
50.00000000	EOG RESOURCES						INTEREST)
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000931	PNG	FH	Eff: Aug 02, 1993	80.000	Total Rental: 80.00		Area : COSWAY
Sub: A	PARSLOW/DENOON	Exp: Aug 01, 1996	80.000				TWP. 31, RGE. 26, W4M: SW/4 26
A			10.000				(AS TO A 1/4 INTEREST EACH,
	EOG RESOURCES						ALL P & NG TO BASE VIKING
50.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000931	PNG	FH	Eff: Aug 02, 1993	0.000	Total Rental: 0.00		Area : COSWAY
Sub: B	PARSLOW/DENOON	Exp: Aug 01, 1996	0.000				TWP. 31, RGE. 26, W4M: SW/4 26
A			0.000				(AS TO A 1/4 INTEREST EACH,
	EOG RESOURCES						ALL P & NG BELOW BASE VIKING
50.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001280	PNG	CR	Eff: Apr 20, 2000	160.000	Total Rental: 224.00		Area : COSWAY
Sub: A	0400040725	Exp: Apr 19, 2005	160.000				TWP. 31, RGE. 26, W4M: NE/4 26
A		Ext: 15	20.000				P&NG TO BASE EDMONTON
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001281	PNG	FH	Eff: May 28, 2004	319.990	Total Rental: 1618.75		Area : COSWAY
Sub: A	BP CANADA ENERGY	Exp: May 27, 2005	319.990				TWP. 31, RGE. 26, W4M: NW/4 &
A			39.999				SE/4 26
	EOG RESOURCES						P&NG TO BASE VIKING
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001281							
Sub: A	Status		Acres	Net		Acres	Net
000558	PNG	CR	Eff: Mar 08, 1986	640.000	Total Rental: 896.00		
Sub: A	0486030376		Exp: Mar 07, 1991	640.000			Area : COSWAY
A			Ext: 95-A	160.000			TWP. 31, RGE. 26, W4M: SEC. 28
	EOG RESOURCES						ALL P&NG TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000559	PNG	CR	Eff: Mar 08, 1986	640.000	Total Rental: 896.00		
Sub: A	0486030377		Exp: Mar 07, 1991	640.000			Area : COSWAY
A			Ext: 95-A	160.000			TWP. 31, RGE. 26, W4M: SEC. 34
	EOG RESOURCES						ALL P&NG TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001313	PNG	FH	Eff: Jul 27, 2005	645.911	Total Rental: 1307.00		
Sub: A	EXXONMOBIL 8703.0		Exp: Jul 26, 2006	645.911			Area : LONE PINE CREEK
A			Ext: HBP	645.911			TWP. 31, RGE. 27, W4M: SEC. 01
	BUMPER DEVELOPM						ALL PNG IN VIKING ZONE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000506	PNG	CR	Eff: Mar 21, 1985	1,280.000	Total Rental: 1792.00		Area : COSWAY
Sub: A	0485030216		Exp: Mar 20, 1990	1,280.000			TWP. 31, RGE. 27, W4M: SECS. 2,
A			Ext: 95-A	640.000			11
	EOG RESOURCES						ALL PNG TO BASE VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000672	PNG	CR	Eff: Mar 21, 1987	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0487030284		Exp: Mar 20, 1992	640.000			TWP. 31, RGE. 27, W4M: SEC. 12
A			Ext: 95-D	320.000			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001258	PNG	FH	Eff: Dec 13, 2002	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8709.0		Exp: Dec 12, 2003	639.486			TWP. 31, RGE. 27, W4M: SEC. 15
A				639.486			ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000734	PNG	CR	Eff: Jan 28, 1988	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0488010315		Exp: Jan 27, 1993	640.000			TWP. 31, RGE. 27, W4M: SEC. 20
A			Ext: 95	320.000			PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000734							
Sub: A	Status		Acres	Net		Acres	Net
001283	PNG	FH	Eff: Aug 24, 2004	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8714.0	Exp: Aug 23, 2005	639.486				TWP. 31, RGE. 27, W4M: SEC. 27
A		Ext: HBP	639.486				ALL PNG IN VIKING
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000884	PNG	CR	Eff: Sep 24, 1989	640.000	Total Rental: 896.00		Area : COSWAY
Sub: B	0489090446	Exp: Sep 23, 1994	640.000				TWP. 31, RGE. 27, W4M: SEC. 30
A		Ext: 95	240.000				ALL PNG TO BASE VIKING
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001278	PNG	CR	Eff: Sep 24, 1989	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	048909A446	Exp: Sep 23, 1994	640.000				TWP. 31, RGE. 27, W4M: SEC. 32
A		Ext: 95	160.000				PNG TO BASE PEKISKC
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000937	PNG	CR	Eff: Oct 04, 1990	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0490100046		Exp: Oct 03, 1995	640.000			TWP. 31, RGE. 27, W4M: SEC. 36
A			Ext: 95	160.000			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001243	PNG	CR	Eff: Apr 03, 2003	640.000	Total Rental: 896.00		Area : SWALWELL
Sub: A	0403040226		Exp: Apr 02, 2008	640.000			TWP. 31, RGE. 28, W4M: SEC. 29
A				640.000			ALL PNG FROM BASE BELLY RIVER
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001312	PNG	FH	Eff: Jul 12, 2005	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 6731.0		Exp: Jul 11, 2006	639.486			TWP. 31, RGE. 28, W4M: SEC. 33
A			Ext: HBP	639.486			ALL PNG IN VIKING
	BUMPER DEVELOPM		Ext: Jul 12, 2006				
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001021	PNG	CR	Eff: Jul 08, 1993	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0493070065		Exp: Jul 07, 1998	640.000			TWP. 31, RGE. 28, W4M: SEC. 36
A			Ext: 15	160.000			ALL PNG TO BASE VIKING
	HUSKY OIL OP.		Ext: Jul 08, 1998				
100.00000000	HUSKY OIL OP.						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001021							
Sub: A	Status		Acres	Net		Acres	Net
001325	PNG	CR	Eff: Oct 03, 1969	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	19913		Exp: Oct 02, 1979	160.000			TWP. 32, RGE. 22, W4M: SW/4 30
A			Ext: 99-1	50.000			ALL PNG IN MANNVILLE ZONE
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
							(EXCL. PRODUCTION FROM EXISTING WELLS IN 06-30; 08-30; 16-30)
001326	PNG	CR	Eff: Mar 31, 1970	480.000	Total Rental: 672.00		Area : TWINING
Sub: A	21329		Exp: Mar 30, 1980	480.000			TWP. 32, RGE. 22, W4M: N/2 & SE/4 30
A			Ext: 99-1	150.000			ALL PNG IN MANNVILLE ZONE
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
							(EXCL. PRODUCTION FROM EXISTING WELLS AT 06-30; 08-30 & 16-30)
001320	PNG	CR	Eff: Mar 22, 1984	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	0464030172		Exp: Mar 21, 1989	320.000			TWP. 32, RGE. 22, W4M: S/2 31
A			Ext: 95-1	100.000			ALL PNG IN MANNVILLE ZONE
	EOG RESOURCES						(POOLED)

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001320							
Sub: A							
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
							(EXCL. PRODUCTION FROM EXISTING WELLS AT 102/08-31; 16-31 AND 16-31-32-22/02)
001321	PNG	CR	Eff: May 08, 1962	320.000	Total Rental: 448.00		
Sub: A	125935		Exp: May 07, 1983	320.000			
A			Ext: 99-1	100.000			
	EOG RESOURCES						Area : TWINING
100.00000000	EOG RESOURCES						TWP. 32, RGE. 22, W4M: N/2 31
							ALL PNG IN MANNVILLE ZONE
							(POOLED)
	Status		Acres	Net		Acres	Net
							(EXCL. PRODUCTION FROM EXISTING WELLS AT 102/08-31; 16-31 AND 16-31-32-22W4/02)
001319	PNG	CR	Eff: Mar 05, 1976	640.000	Total Rental: 896.00		
Sub: A	41744		Exp: Mar 04, 1988	640.000			
A			Ext: 95-1	200.000			
	EOG RESOURCES						Area : TWINING
100.00000000	EOG RESOURCES						TWP. 32, RGE. 22, W4M: SEC. 33
							ALL PNG IN MANNVILLE ZONE
							(POOLED)
	Status		Acres	Net		Acres	Net
							(EXCL. PRODUCTION FROM EXISTING WELL AT 06-33)

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001319	A						
000751	NG	FH	Eff: Apr 16, 1988	320.000	Total Rental: 320.00		Area : TROCHU
Sub: A	KRUKOWSKI FARMS	Exp: Apr 15, 1990	320.000				TWP. 32, RGE. 23, W4M: S/2 15
A		Ext: HBP	60.000				NATURAL GAS ONLY IN ALL ZONES
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000823	NG	PC	Eff: Dec 23, 1988	160.000	Total Rental: 320.00		Area : TROCHU
Sub: A	PCPL 55-17,438	Exp: Dec 22, 1989	160.000				TWP. 32, RGE. 23, W4M: NE/4 15
A		Ext: HBP	30.000				NG ONLY TO BASE GLAUCONITE
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000869	NG	FH	Eff: Jun 08, 1987	160.000	Total Rental: 160.00		Area : TROCHU
Sub: A	MATTSON, GUSTY	Exp: Jun 07, 1992	160.000				TWP. 32, RGE. 23, W4M: NW/4 15
A		Ext: HBP	30.000				NATURAL GAS ONLY - ALL ZONES
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000513	NG	FH	Eff: Apr 04, 1985	320.000	Total Rental: 320.00		Area : TWINING
Sub: A	KINGSBURY, L.	Exp: Apr 03, 1988	320.000				TWP. 32, RGE. 23, W4M: SEC. 23

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000513							
Sub: A							
A		Ext: HBP	80.000				(UNDIVIDED 1/4 INTEREST; NATURAL GAS ONLY-ALL ZONES
25.00000000	HUSKY OIL OP. HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000514	NG FH	Eff: Apr 08, 1985	106.670	Total Rental:	106.67		Area : TWINING
Sub: A	NOBLE, ILONA	Exp: Apr 07, 1988	106.670				TWP. 32, RGE. 23, W4M: SEC 23
A		Ext: HBP	26.668				(UNDIVIDED 1/6 INTEREST; NATURAL GAS ONLY-ALL ZONES
16.66666000	HUSKY OIL OP. HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000515	NG FH	Eff: Apr 08, 1985	106.670	Total Rental:	106.67		Area : TWINING
Sub: A	NOBLE, ILONA	Exp: Apr 07, 1988	106.670				TWP. 32, RGE. 23, W4M: SEC 23
A		Ext: HBP	26.668				(UNDIVIDED 1/6 INTEREST; NATURAL GAS ONLY-ALL ZONES
16.66667000	HUSKY OIL OP. HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000516	NG FH	Eff: Apr 08, 1985	106.670	Total Rental:	106.67		Area : TWINING
Sub: A	NOBLE, ILONA	Exp: Apr 07, 1988	106.670				TWP. 32, RGE. 23, W4M: SEC 23
A		Ext: HBP	26.668				(UNDIVIDED 1/6 INTEREST; NATURAL GAS ONLY-ALL ZONES
	HUSKY OIL OP.						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held

(cont'd)

000516

Sub: A

100.00000000 HUSKY OIL OP.

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000528	NG	FH	Eff: Sep 10, 1985	160.000	Total Rental:	160.00	
Sub: A	SMYTH, E N		Exp: Sep 09, 1988	160.000			
A				43.400			

Area : TROCHU
TWP. 32, RGE. 23, W4M: NE/4 27
NATURAL GAS ONLY - ALL ZONES

HUSKY OIL OP.
100.00000000 HUSKY OIL OP.

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000724	NG	FH	Eff: Nov 03, 1984	17.770	Total Rental:	36.00	
Sub: A	HANNA, MATTHEW		Exp: Nov 02, 1989	17.770			
A			Ext: HBP	4.820			

Area : TROCHU
TWP. 32, RGE. 23, W4M: W/2 27
NATURAL GAS ONLY - ALL ZONES
(AS TO AN UNDIVIDED 1/9
INTEREST)

HUSKY OIL OP.
11.11100000 CANETIC RESOURC

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000725	NG	FH	Eff: Jun 18, 1983	17.770	Total Rental:	36.00	
Sub: A	SCHMELKE, et al		Exp: Jun 17, 1988	17.770			
A				4.820			

Area : TROCHU
TWP. 32, RGE. 23, W4M: W/2 27
(NATURAL GAS ONLY - ALL ZONES /
AS TO AN UNDIVIDED 1/9 INTEREST)

HUSKY OIL OP.
11.11000000 CANETIC RESOURC

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000725							
Sub: A	Status		Acres	Net		Acres	Net
000726	NG	FH	Eff: Jun 18, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	HANNA, HENRY	Exp: Jun 17, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A		Ext: HBP	4.823				(NATURAL GAS ONLY - ALL ZONES /
	HUSKY OIL OP.						AS TO AN UNDIVIDED 1/9 INTEREST
11.11000000	CANETIC RESOURC						
	Status		Acres	Net		Acres	Net
000727	NG	FH	Eff: Jun 18, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	KEILA/COLEMAN	Exp: Jun 17, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A		Ext: SIR	4.823				NATURAL GAS ONLY - ALL ZONES
	HUSKY OIL OP.						(AS TO AN UNDIVIDED 1/9
11.11000000	CANETIC RESOURC						INTEREST)
	Status		Acres	Net		Acres	Net
000728	NG	FH	Eff: Jun 18, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	HANNA, BLAIR I.	Exp: Jun 17, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A			4.823				NATURAL GAS ONLY - ALL ZONES
	HUSKY OIL OP.						(AS TO AN UNDIVIDED 1/9
11.11000000	CANETIC RESOURC						INTEREST)
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000729	NG	FH	Eff: Jun 18, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	HANNA, NORMAN J.	Exp: Jun 17, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A			4.823				NATURAL GAS ONLY - ALL ZONES
	HUSKY OIL OP.						(AS TO AN UNDIVIDED 1/9
11.11000000	CANETIC RESOURC						INTEREST)
	Status		Acres	Net		Acres	Net
000730	NG	FH	Eff: Jun 18, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	COLEMAN/KATARIUSE	Exp: Jun 17, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A		Ext: SIR	4.823				NATURAL GAS ONLY - ALL ZONES
	HUSKY OIL OP.						(AS TO AN UNDIVIDED 1/9
11.11000000	CANETIC RESOURC						INTEREST)
	Status		Acres	Net		Acres	Net
000731	NG	FH	Eff: Aug 04, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	OLLIKAINEN, R.	Exp: Aug 03, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A		Ext: HBP	4.823				NATURAL GAS ONLY - ALL ZONES
	HUSKY OIL OP.						(AS TO AN UNDIVIDED 1/9
11.11000000	CANETIC RESOURC						INTEREST)
	Status		Acres	Net		Acres	Net
000732	NG	FH	Eff: Dec 22, 1983	17.780	Total Rental: 36.00		Area : TROCHU
Sub: A	HANNA, VIENO	Exp: Dec 21, 1988	17.780				TWP. 32, RGE. 23, W4M: W/2 27
A		Ext: HBP	4.823				(NATURAL GAS ONLY - ALL ZONES /
	HUSKY OIL OP.						AS TO AN UNDIVIDED 1/9 INTEREST)
11.11000000	CANETIC RESOURC						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000732							
Sub: A	Status		Acres	Net		Acres	Net
000733	NG	PC	Eff: Jul 23, 1967	160.000	Total Rental: 320.00		Area : TROCHU
Sub: A	PCPL 17,209		Exp: Jul 22, 1988	160.000			TWP. 32, RGE. 23, W4M: SE/4 27
A			Ext: HBP	43.400			NATURAL GAS ONLY - ALL ZONES
100.00000000	HUSKY OIL OP.						
	CANETIC RESOURC						
	Status		Acres	Net		Acres	Net
000332	PNG	CR	Eff: Feb 04, 1963	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	127227		Exp: Feb 03, 1984	160.000			TWP. 32, RGE. 24, W4M: NW/4 3
A			Ext: 99-1A	10.000			PETROLEUM ONLY TO BASE BELLY
100.00000000	PENGROWTH PTSHP						RIVER; ALL PNG FROM BASE BELLY
	PENGROWTH PTSHP						RIVER TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000332	PNG	CR	Eff: Feb 04, 1963	160.000	Total Rental: 0.00		Area : TWINING
Sub: B	127227		Exp: Feb 03, 1984	160.000			TWP. 32, RGE. 24, W4M: NW/4 3
A			Ext: 99-1A	17.500			NG INCL. CBM TO BASE BELLY
100.00000000	PENGROWTH PTSHP						RIVER (POOLED)
	PENGROWTH PTSHF	Count Acreage = No					
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000343	PNG	CR	Eff: May 08, 1972	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	27851		Exp: May 07, 1982	160.000			TWP. 32, RGE. 24, W4M: NE/4 3
A			Ext: 99-A	80.000			PETROLEUM TO BASE BELLY RIVER;
	EOG RESOURCES						PNG FROM BASE BELLY RIVER TO
100.00000000	PENGROWTH PTSHF						BASE PEKISKO
	Status		Acres	Net		Acres	Net
000343	PNG	CR	Eff: May 08, 1972	160.000	Total Rental: 224.00		Area : TWINING
Sub: B	27851		Exp: May 07, 1982	160.000			TWP. 32, RGE. 24, W4M: SE/4 3
\			Ext: 99-A	20.000			PETROLEUM ONLY TO BASE BELLY
	EOG RESOURCES						RIVER; PNG FROM BASE BELLY
100.00000000	PENGROWTH PTSHF						RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net
000343	PNG	CR	Eff: May 08, 1972	160.000	Total Rental: 0.00		Area : TWINING
Sub: C	27851		Exp: May 07, 1982	160.000			TWP. 32, RGE. 24, W4M: E/2 3
A			Ext: 99-A	17.500			NG INCL. CBM TO BASE BELLY
	PENGROWTH PTSHF						RIVER (POOLED)
100.00000000	PENGROWTH PTSHF	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000355	PNG	CR	Eff: Jun 05, 1981	160.000	Total Rental: 0.00		Area : TWINING
Sub: E	124007		Exp: Jun 04, 1982	160.000			TWP. 32, RGE. 24, W4M: SW/4 3
A			Ext: 99-D	17.500			NATURAL GAS INCL. CBM TO BASE
	PENGROWTH PTSHF						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHF	Count Acreage = No					

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000355							
Sub: E	Status		Acres	Net		Acres	Net
000355	PNG	CR	Eff: Jun 05, 1981	320.000	Total Rental: 448.00		Area: TWINING
Sub: C	124007		Exp: Jun 04, 1982	320.000			TWP. 32, RGE. 24, W4M: S/2 4
A			Ext: 99-D	40.000			PNG TO BASE PEKISKO
	PENGROWTH PTSHIP						
100.00000000	PENGROWTH PTSHIP						
	Status		Acres	Net		Acres	Net
000356	PNG	CR	Eff: Jun 05, 1981	320.000	Total Rental: 448.00		Area: TWINING
Sub: A	124008		Exp: Jun 04, 1982	320.000			TWP. 32, RGE. 24, W4M: N/2 4
A			Ext: 99-D	40.000			ALL P&NG TO BASE PEKISKO
	PENGROWTH PTSHIP						
100.00000000	PENGROWTH PTSHIP						
	Status		Acres	Net		Acres	Net
000082	PNG	CR	Eff: Oct 24, 1981	480.000	Total Rental: 672.00		Area: TWINING
Sub: A	124089		Exp: Oct 23, 1982	480.000			TWP. 32, RGE. 24, W4M: N/2 &
A			Ext: 99-1A	120.000			SW/4 5
	EOG RESOURCES						ALL PETROLEUM TO BASE PEKISKO;
100.00000000	BUMPER DEVELOPM						NATURAL GAS BELOW BASE BELLY
							RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held.
000062	PNG	CR	Eff: Oct 24, 1961	480.000	Total Rental:	0.00	Area : TWINING
Sub: B	124089		Exp: Oct 23, 1982	480.000			TWP. 32, RGE. 24, W4M: N/2 &
A			Ext: 99-1A	105.000			SW/4 5
	EOG RESOURCES						NATURAL GAS TO BASE BELLY RIVER
100.00000000	BUMPER DEVELOPM	Count Acreage = No					INCL CBM (POOLED)
	Status		Acres	Net		Acres	Net
000355	PNG	CR	Eff: Jun 05, 1961	160.000	Total Rental:	0.00	Area : TWINING
Sub: D	124007		Exp: Jun 04, 1982	160.000			TWP. 32, RGE. 24, W4M: SE/4 5
A			Ext: 99-D	35.000			NATURAL GAS INCL. CBM TO BASE
	PENGROWTH PTSHP						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHF	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000878	PNG	CR	Eff: Sep 19, 1962	640.000	Total Rental:	896.00	Area : TWINING
Sub: A	221		Exp: Sep 18, 1972	640.000			TWP. 32, RGE. 24, W4M: SEC. 6
A			Ext: 95-1A	160.000			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000336	PNG	CR	Eff: Sep 24, 1981	0.000	Total Rental:	224.00	Area : TWINING
Sub: A	0481090101		Exp: Sep 23, 1986	0.000			TWP. 32, RGE. 24, W4M: NE/4 7
A			Ext: 95-1A	0.000			ALL PNG FROM BASE LETHBRIDGE
	BUMPER DEVELOPM						COAL TO BASE PEKISKO, EXCL.
100.00000000	BUMPER DEVELOPM	Count Acreage = No					GLAUCONITE

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000336							
Sub: A	Status		Acres	Net		Acres	Net
000336	PNG	CR	Eff: Sep 24, 1981	160.000	Total Rental: 0.00		Area : TWINING
Sub: B	0481090101		Exp: Sep 23, 1986	160.000			TWP. 32, RGE. 24, W4M: NE/4 7
A			Ext: 95-1A	160.000			ALL PNG IN GLAUCONITE
BUMPER DEVELOPM							
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000336	PNG	CR	Eff: Sep 24, 1981	160.000	Total Rental: 0.00		Area : TWINING
Sub: C	0481090101		Exp: Sep 23, 1986	160.000			TWP. 32, RGE. 24, W4M: NE/4 7
A			Ext: 95-1A	40.000			PNG TO BASE OF LETHBRIDGE COAL
BUMPER DEVELOPM							
100.00000000	BUMPER DEVELOPM	Count Acreage = No					
	Status		Acres	Net		Acres	Net
001233	PNG	CR	Eff: Nov 15, 1972	480.000	Total Rental: 672.00		Area : TWINING
Sub: A	29541		Exp: Nov 14, 1982	480.000			TWP. 32, RGE. 24, W4M: NW/4 &
A			Ext: 95-1A	480.000			S/2 7
BUMPER DEVELOPM							
100.00000000	PENGROWTH CORP.						ALL PNG IN GLAUCONITE
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001233	PNG	CR	Eff: Nov 15, 1972	480.000	Total Rental:	0.00	Area : TWINING
Sub: B	29541		Exp: Nov 14, 1982	480.000			TWP. 32, RGE. 24, W4M: NW/4 &
A			Ext: 95-1A	120.000			S/2 7
	QUICKSILVER RES						PNG TO BASE OF LETHBRIDGE COAL
100.00000000	PENGROWTH CORP.	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000015	PNG	CR	Eff: Jun 16, 1970	640.000	Total Rental:	896.00	Area : TWINING
Sub: A	21912		Exp: Jun 15, 1980	640.000			TWP. 32, RGE. 24, W4M: SEC. 10
A			Ext: 99-A	160.000			ALL P&NG TO BASE VIKING
	ENCANA CORP.						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000015	PNG	CR	Eff: Jun 16, 1970	640.000	Total Rental:	0.00	Area : TWINING
Sub: B	21912		Exp: Jun 15, 1980	640.000			TWP. 32, RGE. 24, W4M: SEC. 10
A			Ext: 99-A	160.000			P&NG FROM BASE VIKING TO BASE
	EOG RESOURCES						PEKISKO EXCL. MANNVILLE ZONE
	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000015	PNG	CR	Eff: Jun 16, 1970	640.000	Total Rental:	0.00	Area : TWINING
Sub: C	21912		Exp: Jun 15, 1980	640.000			TWP. 32, RGE. 24, W4M: SEC. 10
A			Ext: 99-A	200.000			ALL PNG INCL. CBM IN MANNVILLE
	EOG RESOURCES						ZONE (POOLED)
	EOG RESOURCES	Count Acreage = No					

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000015							
Sub: C	Status		Acres	Net		Acres	Net
000056	PNG	CR	Eff: Jan 05, 1976	320.000	Total Rental: 0.00		Area : TWINING
Sub: A	43115		Exp: Jan 04, 1986	320.000			TWP. 32, RGE. 24 W4M: S/2 11
A			Ext: 95-A	60.000			NATURAL GAS TO BASE BELLY RIVER
	ENCANA CORP.						ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000056	PNG	CR	Eff: Jan 05, 1976	320.000	Total Rental: 0.00		Area : TWINING
Sub: B	43115		Exp: Jan 04, 1986	320.000			TWP. 32, RGE. 24 W4M: S/2 11
A			Ext: 95-A	60.000			NATURAL GAS FROM BASE BELLY
	ENCANA CORP.						RIVER TO BASE VIKING ZONE;
100.00000000	EOG RESOURCES	Count Acreage = No					PETROLEUM FROM SURFACE TO BASE
	Status		Acres	Net		Acres	VIKING
000056	PNG	CR	Eff: Jan 05, 1976	320.000	Total Rental: 448.00		Area : TWINING
Sub: C	43115		Exp: Jan 04, 1986	320.000			TWP. 32, RGE. 24 W4M: S/2 11
A			Ext: 95-A	60.000			PNG BELOW BASE VIKING TO BASE
	EOG RESOURCES						PEKISKO
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000249	PNG	CR	Eff: Jun 07, 1979	320.000	Total Rental:	0.00	Area : TWINING
Sub: A	0479060018		Exp: Jun 06, 1984	320.000			TWP. 32, RGE. 24, W4M: N/2 11
A			Ext: 99-1A	60.000			NATURAL GAS TO BASE BELLY RIVER
	ENCANA CORP.						ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000249	PNG	CR	Eff: Jun 07, 1979	320.000	Total Rental:	0.00	Area : TWINING
Sub: B	0479060018		Exp: Jun 06, 1984	320.000			TWP. 32, RGE. 24, W4M: N/2 11
A			Ext: 99-1A	60.000			NG FROM BASE BELLY RIVER TO
	ENCANA CORP.						BASE VIKING ZONE; PETROLEUM
100.00000000	EOG RESOURCES	Count Acreage = No					FROM SURFACE TO BASE VIKING
	Status		Acres	Net		Acres	Net
000249	PNG	CR	Eff: Jun 07, 1979	320.000	Total Rental:	448.00	Area : TWINING
Sub: C	0479060018		Exp: Jun 06, 1984	320.000			TWP. 32, RGE. 24 W4M: N/2 11
A			Ext: 95-A	60.000			PNG BELOW BASE VIKING TO BASE
	EOG RESOURCES						PEKISKO
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000340	PNG	CR	Eff: Feb 04, 1963	320.000	Total Rental:	448.00	Area : TWINING
Sub: A	127228		Exp: Feb 03, 1984	320.000			TWP. 32, RGE. 24, W4M: S/2 17
A			Ext: 99-1A	20.000			ALL P&NG TO BASE PEKISKC
	PENGROWTH PTSHIP						
100.00000000	PENGROWTH PTSHIP						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000340							
Sub: A	Status		Acres	Net		Acres	Net
000342	PNG	CR	Eff: Mar 25, 1970	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	21299		Exp: Mar 24, 1980	160.000			TWP. 32, RGE. 24, W4M: SW/4 18
A			Ext: 99-1A	154.000			ALL P&NG TO BASE PEKISKO ZONE
EQG RESOURCES							
100.00000000 CONOCOPHIL WEST							
	Status		Acres	Net		Acres	Net
001206	PNG	CR	Eff: May 08, 1962	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	125944		Exp: May 07, 1983	320.000			TWP. 32, RGE. 24, W4M: E/2
A			Ext: 95-1	320.000			SEC. 18
BUMPER DEVELOPM							
100.00000000 BUMPER DEVELOPM							
	Status		Acres	Net		Acres	Net
001207	PNG	CR	Eff: Mar 24, 1988	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	0488030332		Exp: Mar 23, 1993	160.000			TWP. 32, RGE. 24, W4M: NW/4
A			Ext: 95-1	160.000			SEC. 18
BUMPER DEVELOPM							
100.00000000 BUMPER DEVELOPM							
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000021	PNG	CR	Eff: Mar 29, 1973	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	30725		Exp: Mar 28, 1983	160.000			TWP. 32, RGE. 24, W4M: SW/4 19
A			Ext: 99-1A	80.000			ALL PETROLEUM BASE PEKISKO;
100.00000000	EOG RESOURCES						NATURAL GAS BELOW BASE BELLY
	EOG RESOURCES						RIVER TO BASE PEKISKC
	Status		Acres	Net		Acres	Net
000021	PNG	CR	Eff: Mar 29, 1973	160.000	Total Rental: 0.00		Area : TWINING
Sub: B	30725		Exp: Mar 28, 1983	160.000			TWP. 32, RGE. 24, W4M: SW/4 19
A			Ext: 99-1A	25.000			NATURAL GAS TO BASE BELLY RIVER
100.00000000	EOG RESOURCES						INCL. CBM (POOLED)
	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000344	PNG	CR	Eff: Feb 14, 1982	160.000	Total Rental: 224.00		Area : N TWINNING UNIT
Sub: A	125202		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 24, W4M: NE/4 19
A			Ext: 99-A	20.000			ALL P&NG TO BASE OF PEKISKC
100.00000000	PENGROWTH PTSHP						
	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net
000344	PNG	CR	Eff: Feb 14, 1982	160.000	Total Rental: 0.00		Area : N TWINNING UNIT
Sub: B	125202		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 24, W4M: NE/4 19
A			Ext: 99-A	25.000			NATURAL GAS (INCL. CBM) TO BASE
100.00000000	PENGROWTH PTSHP						BELLY RIVER (POOLED)
	PENGROWTH PTSHP	Count Acreage = No					

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000344							
Sub: B	Status		Acres	Net		Acres	Net
001308	PNG	CR	Eff: Oct 22, 1962	160.000	Total Rental: 224.00		Area : N TWINNING UNIT
Sub: A	307		Exp: Oct 21, 1983	160.000			TWP. 32, RGE. 24, W4M: SE/4 19
A			Ext: 99-A	25.000			NATURAL GAS (INCL. CBM) TO BASE
	PENGROWTH PTSHIP						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHIP						
	Status		Acres	Net		Acres	Net
001309	PNG	CR	Eff: Oct 22, 1962	160.000	Total Rental: 224.00		Area : N TWINNING UNIT
Sub: A	308		Exp: Oct 21, 1983	160.000			TWP. 32, RGE. 24, W4M: NW/4 19
A			Ext: 99-A	25.000			NATURAL GAS (INCL. CBM) TO BASE
	PENGROWTH PTSHIP						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHIP						
	Status		Acres	Net		Acres	Net
000345	PNG	CR	Eff: Feb 14, 1962	320.000	Total Rental: 448.00		Area : N TWINNING UNIT
Sub: A	125203		Exp: Feb 13, 1983	320.000			TWP. 32, RGE. 24, W4M: S/2 30
A			Ext: 99-A	40.000			ALL PETROLEUM TO BASE PEKISKO;
	PENGROWTH CORP.						NATURAL GAS BELOW BASE BELLY
100.00000000	PENGROWTH PTSHIP						RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000345	PNG	CR	Eff: Feb 14, 1962	320.000	Total Rental: 0.00		Area : N TWINNING UNIT
Sub: B	125203		Exp: Feb 13, 1983	320.000			TWP. 32, RGE. 24, W4M: S/2 30
A			Ext: 99-A	30.000			NATURAL GAS (INCL. CBM) TO BASE
	PENGROWTH CORP.						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHF	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000346	PNG	CR	Eff: Feb 14, 1962	320.000	Total Rental: 448.00		Area : N TWINNING UNIT
Sub: A	125204		Exp: Feb 13, 1983	320.000			TWP. 32, RGE. 24, W4M: NW/4 30,
A			Ext: 99-A	40.000			SW/4 31
	PENGROWTH CORP.						ALL PETROLEUM TO BASE PEKISKO;
100.00000000	PENGROWTH PTSHF						NATURAL GAS BELOW BASE BELLY
							RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net
000346	PNG	CR	Eff: Feb 14, 1962	320.000	Total Rental: 0.00		Area : N TWINNING UNIT
Sub: B	125204		Exp: Feb 13, 1983	320.000			TWP. 32, RGE. 24, W4M: NW/4 30,
A			Ext: 99-A	30.000			SW/4 31
	PENGROWTH CORP.						NATURAL GAS (INCL. CBM) TO BASE
100.00000000	PENGROWTH PTSHF	Count Acreage = No					BELLY RIVER (POOLED)
	Status		Acres	Net		Acres	Net
001307	PNG	CR	Eff: May 08, 1962	320.000	Total Rental: 448.00		Area : N TWINNING UNIT
Sub: A	125946		Exp: May 07, 1983	320.000			TWP. 32, RGE. 24, W4M: NE/4 30,
A			Ext: 99-A	30.000			SE/4 31
	PENGROWTH CORP.						NATURAL GAS (INCL. CBM) TO BASE
100.00000000	PENGROWTH PTSHF						BELLY RIVER (POOLED)

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001307							
Sub: A	Status		Acres	Net		Acres	Net
000347	PNG	CR	Eff: Feb 14, 1962	160.000	Total Rental: 224.00		Area : N TWINNING UNIT
Sub: B	125205		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 24, W4M: NW/4 31
A			Ext: 99-A	20.000			
100.00000000	PENGROWTH CORP.						ALL PETROLEUM TO BASE PEKISKO;
	PENGROWTH PTSHP						NATURAL GAS BELOW BASE BELLY
							RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net
000347	PNG	CR	Eff: Feb 14, 1962	160.000	Total Rental: 0.00		Area : N TWINNING UNIT
Sub: C	125205		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 24, W4M: NW/4 31
A			Ext: 99-A	15.000			
100.00000000	PENGROWTH CORP.						NATURAL GAS (INCL. CBM) TO BASE
	PENGROWTH PTSHF	Count Acreage = No					BELLY RIVER (POOLED)
	Status		Acres	Net		Acres	Net
000348	PNG	CR	Eff: Feb 14, 1962	160.000	Total Rental: 224.00		Area : N TWINNING UNIT
Sub: A	125206		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 24, W4M: NE/4 31
A			Ext: 99-A	20.000			ALL PETROLEUM TO BASE PEKISKO;
100.00000000	PENGROWTH CORP.						NATURAL GAS BELOW BASE BELLY
	PENGROWTH PTSHP						RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000348	PNG	CR	Eff: Feb 14, 1962	160.000	Total Rental:	0.00	Area : N TWINNING UNIT
Sub: B	125206		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 24, W4M: NE/4 31
A			Ext: 99-A	15.000			NATURAL GAS (INCL. CBM) TO BASE
	PENGROWTH CORP.						BELLY RIVER (POOLED)
100.00000000	PENGROWTH PTSHF	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000023	PNG	CR	Eff: May 18, 1973	320.000	Total Rental:	448.00	Area : TWINING
Sub: A	31300		Exp: May 17, 1983	320.000			TWP. 32, RGE. 24, W4M: W/2 32
A			Ext: 99-1	80.000			ALL P&NG BELOW BASE BELLY RIVER
	EOG RESOURCES						TO BASE PEKISKO EXCL. MANNVILLE
100.00000000	EOG RESOURCES						ZONE
	Status		Acres	Net		Acres	Net
000023	PNG	CR	Eff: May 18, 1973	0.000	Total Rental:	0.00	Area : TWINING
Sub: B	31300		Exp: May 17, 1983	0.000			TWP. 32, RGE. 24, W4M: W/2 32
A			Ext: 99-1	0.000			ALL PNG IN BELLY RIVER ZONE ONLY
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000023	PNG	CR	Eff: May 18, 1973	320.000	Total Rental:	0.00	Area : TWINING
Sub: C	31300		Exp: May 17, 1983	320.000			TWP. 32, RGE. 24, W4M: W/2 32
A			Ext: 99-1	40.000			NATURAL GAS TO TOP BELLY RIVER
	EOG RESOURCES						ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000023							
Sub: C	Status		Acres	Net		Acres	Net
000023	PNG	CR	Eff: May 18, 1973	320.000	Total Rental: 0.00		Area : TWINING
Sub: D	31300		Exp: May 17, 1983	320.000			TWP. 32, RGE. 24, W4M: W/2 32
A			Ext: 99-1	100.000			ALL PNG INCL. CBM IN MANNVILLE
	EOG RESOURCES						ZONE (POOLED)
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
001298	PNG	CR	Eff: May 18, 1973	320.000	Total Rental: 448.00		Area : TWINING
Sub: A	31300-A		Exp: May 17, 1983	320.000			TWP. 32, RGE. 24, W4M: E/2 32
A			Ext: 99-1	40.000			ALL PNG IN BELLY RIVER ZONE
	EOG RESOURCES						ONLY
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001298	PNG	CR	Eff: May 18, 1973	320.000	Total Rental: 0.00		Area : TWINING
Sub: B	31300-A		Exp: May 17, 1983	320.000			TWP. 32, RGE. 24, W4M: E/2 32
A			Ext: 99-1	40.000			NATURAL GAS TO TOP BELLY RIVER
	EOG RESOURCES						ZONE
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net

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File Number	File Status	Mineral Int	Lse Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
001298	Sub: C	A	PNG	CR	31300-A	EOG RESOURCES	320.000	Total Rental:	0.00		Area : TWINING TWP. 32, RGE. 24, W4M: E/2 32 ALL PNG IN MANNVILLE ZONE (POOLED)
100.00000000					EOG RESOURCES	Count Acreage = No	100.000				
			Status				Acres	Net		Acres	Net
000130	Sub: A	A	PNG	CR	33622	ENERMARK INC.	160.000	Total Rental:	224.00		Area : TWINING TWP. 32, RGE. 25, W4M: SW/4 12 ALL PNG TO BASE PEKISKC
100.00000000					ENERMARK INC.		160.000				
			Status				Acres	Net		Acres	Net
000995	Sub: A	A	PNG	CR	33622-A	PENGROWTH CORP.	160.000	Total Rental:	224.00		Area : TWINING TWP. 32, RGE. 25, W4M: NW/4 12 ALL PNG TO BASE PEKISKC
					PENGROWTH CORP.		160.000				
			Status				Acres	Net		Acres	Net
000970	Sub: A	A	PNG	CR	0491050060	EOG RESOURCES	160.000	Total Rental:	224.00		Area : TWINING TWP. 32, RGE. 25, W4M: SE/4 14 ALL PNG TO BASE PEKISKC COAL RIGHTS IN MANNVILLE
100.00000000					EOG RESOURCES		160.000				
			Status				Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000970							
Sub: A	Status		Acres	Net		Acres	Net
000970	PNG	CR	Eff: May 02, 1991	480.000	Total Rental: 672.00		Area : TWINING
Sub: B	0491050060		Exp: May 01, 1996	480.000			TWP. 32, RGE. 25, W4M: N/2 &
A			Ext: 95	60.000			SW/4 14
	EOG RESOURCES		Ext: May 02, 1996				ALL PNG TO BASE PEKISKO
100.00000000	EOG RESOURCES						EXCLUDING COAL RIGHTS IN
	Status		Acres	Net		Acres	Net
000970	PNG	CR	Eff: May 02, 1991	0.000	Total Rental: 0.00		Area : TWINING
Sub: C	0491050060		Exp: May 01, 1996	0.000			TWP. 32, RGE. 25, W4M: SW/4 14
A			Ext: 95	0.000			(6-14-32-25 W4 WELL ONLY)
	EOG RESOURCES		Ext: May 02, 1996				ALL PNG TO BASE PEKISKO
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000970	PNG	CR	Eff: May 02, 1991	0.000	Total Rental: 0.00		Area : TWINING
Sub: D	0491050060		Exp: May 01, 1996	0.000			TWP. 32, RGE. 25, W4M: SEC. 14
A				0.000			MANNVILLE COAL BED RIGHTS ONLY
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001327	PNG	CR	Eff: Jun 15, 2006	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0406060442		Exp: Jun 14, 2011	640.000			TWP. 32, RGE. 25, W4M: SEC. 18
A				200.000			ALL PNG BELOW BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000289	PNG	CR	Eff: Jul 30, 1981	320.000	Total Rental: 448.00		Area : KNEEHILL
Sub: A	0481070134		Exp: Jul 29, 1986	320.000			TWP. 32, RGE. 25, W4M: E/2 22
A			Ext: 99-1A	80.000			ALL PNG TO BASE PEKISKO
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000289	PNG	CR	Eff: Jul 30, 1981	320.000	Total Rental: 448.00		Area : KNEEHILL
Sub: B	0481070134		Exp: Jul 29, 1986	320.000			TWP. 32, RGE. 25, W4M: W/2 22
A			Ext: 99-1A	80.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000093	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19116		Exp: Dec 06, 1982	160.000			TWP. 32, RGE. 25, W4M: NW/4 23
A			Ext: HBP	20.000			ALL PNG TO BASE PEKISKO
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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BUMPER DEVELOPMENT CORP. Mineral Property Report

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000093							
Sub: A	Status		Acres	Net		Acres	Net
000178	PET	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19117		Exp: Dec 06, 1982	160.000			TWP. 32, RGE. 25, W4M: SE/4 23
A				20.000			PETROLEUM ONLY TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000179	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19118		Exp: Dec 06, 1982	160.000			TWP. 32, RGE. 25, W4M: SW/4 23
A				20.000			ALL PNG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000189	PET	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19115		Exp: Dec 06, 1982	160.000			TWP. 32, RGE. 25, W4M: NE/4 23
A			Ext: HBP	20.000			PETROLEUM ONLY TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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BUMPER DEVELOPMENT CORP. Mineral Property Report

File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000129	PNG	CR	Eff: Mar 29, 1973	480.000	Total Rental: 672.00		Area : TWINING
Sub: A	30730		Exp: Mar 28, 1983	480.000			TWP. 32, RGE. 25, W4M: N/2 & SW/4 24
A			Ext: 99-1A	60.000			ALL PETROLEUM TO BASE PEKISKO;
	ENERMARK INC.						NATURAL GAS BELOW BASE BELLY
	ENERMARK INC.						RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net
000129	PNG	CR	Eff: Mar 29, 1973	480.000	Total Rental: 0.00		Area : TWINING
Sub: B	30730		Exp: Mar 28, 1983	480.000			TWP. 32, RGE. 25, W4M: N/2 & SW/4 24
A			Ext: 99-1A	52.500			NATURAL GAS INCL. CBM TO BASE
	ENERMARK INC.						BELLY RIVER (POOLED);
	ENERMARK INC.						
	Status		Acres	Net		Acres	Net
000996	PNG	CR	Eff: Mar 29, 1973	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	30730-A		Exp: Mar 28, 1983	160.000			TWP. 32, RGE. 25, W4M: SE/4 24
A			Ext: 99-1A	10.000			ALL PETROLEUM TO BASE PEKISKO;
	PENGROWTH CORP.						NATURAL GAS BELOW BASE BELLY
100.00000000	PENGROWTH CORP.						RIVER TO BASE PEKISKO
	Status		Acres	Net		Acres	Net
000996	PNG	CR	Eff: Mar 29, 1973	160.000	Total Rental: 0.00		Area : TWINING
Sub: B	30730-A		Exp: Mar 28, 1983	160.000			TWP. 32, RGE. 25, W4M: SE/4 24
A			Ext: 99-1A	17.500			NATURAL GAS INCL. CBM TO BASE
	PENGROWTH CORP.						BELLY RIVER (POOLED);
100.00000000	PENGROWTH CORP.						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000996							
Sub: B	Status		Acres	Net		Acres	Net
000409	PET	PC	Eff: Dec 07, 1982	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	16664		Exp: Dec 06, 1984	160.000			TWP. 32, RGE. 25, W4M: SE/4 27
A				20.000			PETROLEUM ONLY TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000410	PNG	PC	Eff: Dec 07, 1982	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	16662		Exp: Dec 06, 1984	160.000			TWP. 32, RGE. 25, W4M: NE/4 27
A				20.000			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001322	PNG	CR	Eff: Aug 08, 2002	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0402080059		Exp: Aug 07, 2007	640.000			TWP. 32, RGE. 25, W4M: SEC. 30
A				200.000			ALL PNG IN MANNVILLE ZONE
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001190	PNG	CR	Eff: Jun 04, 1976	320.000	Total Rental: 448.00		Area : KNEEHILL
Sub: A	42685		Exp: Jun 03, 1986	320.000			TWP. 32, RGE. 25, W4M: E/2
A			Ext: 95	121.600			SEC. 34
	CREW ENERGY INC						ALL PNG TO BASE PEKISKC
100.00000000	CREW ENERGY INC						
	Status		Acres	Net		Acres	Net
000202	PNG	FH	Eff: Dec 01, 1972	640.000	Total Rental: 640.00		Area : KNEEHILL
Sub: A	EXXONMOBIL		Exp: Nov 30, 1982	640.000			TWP. 32, RGE. 25, W4M: SEC. 35
A			Ext: HBP	80.000			ALL P&NG TO THE BASE OF BANFF
	EOG RESOURCES						ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000347	PNG	CR	Eff: Feb 14, 1962	160.000	Total Rental: 224.00		Area : N TWINNING UNIT
Sub: A	125205		Exp: Feb 13, 1983	160.000			TWP. 32, RGE. 25, W4M: NE/4 36
A			Ext: 99-A	20.000			ALL P&NG TO BASE OF PEKISKC
	PENGROWTH CORP.						
100.00000000	PENGROWTH PTSHP						
	Status		Acres	Net		Acres	Net
000354	PNG	CR	Eff: May 08, 1962	480.000	Total Rental: 672.00		Area : N TWINNING UNIT
Sub: A	125953		Exp: May 07, 1983	480.000			TWP. 32, RGE. 25, W4M: S/2 &
A			Ext: 99-1	60.000			NW/4 36
	EOG RESOURCES						ALL P&NG TO BASE PEKISKO ZONE
100.00000000	PENGROWTH PTSHP						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000354							
Sub: A	Status		Acres	Net		Acres	Net
000678	PNG	CR	Eff: Apr 30, 1987	640.000	Total Rental: 896.00		Area : SUNNYSLOPE
Sub: A	0487040344		Exp: Apr 29, 1992	640.000			TWP. 32, RGE. 26, W4M: SEC. 2
A			Ext: 95-1A	160.000			ALL P & NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001133	PNG	CR	Eff: Sep 17, 1998	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0498090349		Exp: Sep 16, 2003	640.000			TWP. 32, RGE. 26, W4M: SEC. 6
A			Ext: 15	640.000			ALL PNG TO BASE VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000499	PNG	CR	Eff: Jan 24, 1985	640.000	Total Rental: 896.00		Area : SUNNYSLOPE
Sub: A	0485010189		Exp: Jan 23, 1990	640.000			TWP. 32, RGE. 26, W4M: SEC. 10
A			Ext: 95-A	160.000			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001113	PNG	CR	Eff: Nov 20, 1969	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	21053-A		Exp: Nov 19, 1979	640.000			TWP. 32, RGE. 26, W4M: SEC. 11
A			Ext: 119	70.000			ALL PNG TO BASE VIKING
100.00000000	CREW ENERGY INC						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000794	PNG	CR	Eff: Aug 11, 1988	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0488080070		Exp: Aug 10, 1993	640.000			TWP. 32, RGE. 26, W4M: SEC. 16
A			Ext: 95-A	320.000			ALL PNG TO BASE BELLY RIVER
	EOG RESOURCES		Ext: Aug 11, 1993				
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001288	PNG	CR	Eff: Feb 24, 2000	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0400020369		Exp: Feb 23, 2005	640.000			TWP. 32, RGE. 26, W4M: SEC. 18
A			Ext: 15	240.000			ALL PNG TO BASE VIKING
100.00000000	BUMPER DEVELOPM		Ext: Jul 17, 2005				
	DEVON CANADA						
	Status		Acres	Net		Acres	Net
001239	PNG	CR	Eff: Nov 28, 2002	640.000	Total Rental: 896.00		Area : SUNNYSLOPE
Sub: A	0402110300		Exp: Nov 27, 2007	640.000			TWP. 32, RGE. 26, W4M: SEC. 24.
A				640.000			ALL PNG BELOW BASE MANNVILLE
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
001239							
Sub: A	Status		Acres	Net		Acres	Net
000500	PNG	CR	Eff: Jan 24, 1985	320.000	Total Rental: 448.00		Area : SUNNYSLOPE
Sub: A	0485010192		Exp: Jan 23, 1990	320.000			TWP. 32, RGE. 26, W4M: S/2 32
A			Ext: 95-A	40.000			ALL PNG TO BASE BELLY RIVER
	HUSKY OIL OP.						
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000877	PNG	CR	Eff: Sep 24, 1989	320.000	Total Rental: 448.00		Area : SUNNYSLOPE
Sub: A	0489090430		Exp: Sep. 23, 1994	320.000			TWP. 32, RGE. 26, W4M: N/2 32
A			Ext: 95	40.000			ALL PNG TO BASE BELLY RIVER
	HUSKY OIL OP.						
100.00000000	BURLINGTON RES.						
	Status		Acres	Net		Acres	Net
000536	PNG	CR	Eff: Oct 03, 1985	640.000	Total Rental: 896.00		Area : COSWAY
Sub: A	0485100034		Exp: Oct 02, 1990	640.000			TWP. 32, RGE. 27, W4M: SEC 2
A				240.000			ALL P&NG TO BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000902	PNG	FH	Eff: Oct 01, 1989	840.000	Total Rental: 640.00		
Sub: A	EXXONMOBIL CANAL	Exp: Sep 30, 1999	640.000				Area : LONE PINE CREEK
A		Ext: HBP	160.000				TWP. 32, RGE. 27, W4M: SEC. 3
	EOG RESOURCES						ALL PNG TO BASE VIKING ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000884	PNG	CR	Eff: Sep 24, 1989	1,280.000	Total Rental: 1792.00		
Sub: A	0489090446	Exp: Sep 23, 1994	1,280.000				Area : COSWAY
A		Ext: 95	480.000				TWP. 32, RGE. 27, W4M: SEC. 6
	HUSKY OIL OP.						
100.00000000	HUSKY OIL OP.						TWP.
	Status		Acres	Net		Acres	Net
							32, RGE. 28, W4M: SEC. 2.
							ALL PNG TO BASE VIKING
000537	PNG	CR	Eff: Oct 03, 1985	320.000	Total Rental: 448.00		
Sub: A	0485100035	Exp: Oct 02, 1990	320.000				Area : COSWAY
A		Ext: 95	40.000				TWP. 32, RGE. 27, W4M: E/2 10
	EOG RESOURCES						PNG TO BASE OF VIKING
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000737	PNG	CR	Eff: Jan 28, 1988	320.000	Total Rental: 448.00		
Sub: A	0488010325	Exp: Jan 27, 1993	320.000				Area : COSWAY
A		Ext: 95	40.000				TWP. 32, RGE. 27, W4M: W/2 10
	EOG RESOURCES						ALL P & NG TO BASE VIKING

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

(cont'd)

000737

Sub: A

100.00000000 EOG RESOURCES

Status	Acres	Net	Acres	Net
001289	PNG	CR	Eff: Apr 06, 2000	640.000
Sub: A	0400040441	Exp: Apr 05, 2005	640.000	Total Rental: 896.00
A		Ext: 15	320.000	
	BUMPER DEVELOPM	Ext: Jul 16, 2005		
100.00000000	DEVON CANADA			
				Area : LONE PINE CREEK
				TWP. 32, RGE. 27, W4M: SEC. 12
				ALL PNG TO BASE VIKING

Status	Acres	Net	Acres	Net
001285	PNG	FH	Eff: Jul 09, 2004	639.486
Sub: A	EXXONMOBIL 8839.0	Exp: Jul 08, 2005	639.486	Total Rental: 1294.00
A			639.486	
	BUMPER DEVELOPM			
100.00000000	BUMPER DEVELOPM			
				Area : LONE PINE CREEK
				TWP. 32, RGE. 27, W4M: SEC. 13
				ALL PNG IN VIKING

Status	Acres	Net	Acres	Net
001183	PNG	CR	Eff: Aug 26, 1999	640.000
Sub: A	0499080222	Exp: Aug 25, 2004	640.000	Total Rental: 896.00
A		Ext: 15	640.000	
	BUMPER DEVELOPM			
100.00000000	BUMPER DEVELOPM			
				Area : LONE PINE CREEK
				TWP. 32, RGE. 27, W4M: SEC. 16
				ALL PNG TO BASE BELLY RIVER

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001183							
Sub: A	Status		Acres	Net		Acres	Net
001111	PNG	CR	Eff: May 16, 1991	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0491050229		Exp: May 15, 1996	640.000			TWP. 32, RGE. 27, W4M: SEC. 18
A			Ext: 95	320.000			ALL PNG TO BASE VIKING
	HUSKY OIL OP.		Ext: May 16, 1996				
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001194	PNG	CR	Eff: Apr 06, 2000	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0400040442		Exp: Apr 05, 2005	640.000			TWP. 32, RGE. 27, W4M: SEC. 20
A			Ext: 15	640.000			ALL PNG TO BASE BELLY RIVER
	BUMPER DEVELOPMExt: Apr 06, 2005						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000871	PNG	CR	Eff: Jan 23, 1988	640.000	Total Rental: 896.00		Area : COSWAY
Sub: C	0488010533		Exp: Jan 22, 1993	640.000			TWP. 32, RGE. 27, W4M: SEC. 22
A			Ext: 95	320.000			PNG FROM BASE LEA PARK TO BASE VIKING
	EOG RESOURCES						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000871	PNG	CR	Eff: Jan 23, 1988	0.000	Total Rental: 0.00		Area : COSWAY
Sub: F	0488010533		Exp: Jan 22, 1993	0.000			TWP. 32, RGE. 27, W4M: SEC. 22
A				0.000			ALL PNG FROM SURFACE TO LEA PARK
	EOG RESOURCES						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001284	PNG	FH	Eff: Sep 13, 2004	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8843.0		Exp: Sep 12, 2005	639.486			TWP. 32, RGE. 27, W4M: SEC. 23
A			Ext: HBP	639.486			ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001311	PNG	FH	Eff: Jan 23, 2005	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8845.0		Exp: Jan 22, 2006	639.486			TWP. 32, RGE. 27, W4M: SEC. 27
A			Ext: HBP	639.486			ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000871	PNG	CR	Eff: Jan 23, 1988	0.000	Total Rental: 0.00		Area : COSWAY
Sub: A	0488010533		Exp: Jan 22, 1993	0.000			TWP. 32, RGE. 27, W4M: SEC. 28
A			Ext: 95	0.000			PNG FROM SURFACE TO BASE LEA PARK
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number	File Status	Mineral Int	Lse Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
(cont'd)											
000871	Sub: A		Status				Acres	Net		Acres	Net
000871	Sub: B		PNG	CR	0488010533	BUMPER DEVELOPM	640.000	Total Rental:	896.00		Area : COSWAY
	A				Exp: Jan 22, 1993	BUMPER DEVELOPM	640.000				TWP. 32, RGE. 27, W4M: SEC. 28
					Ext: 95		640.000				ALL PNG FROM BASE LEA PARK TO
100.00000000											BASE VIKING
			Status				Acres	Net		Acres	Net
000871	Sub: D		PNG	CR	0488010533	HUSKY OIL OP.	0.000	Total Rental:	0.00		Area : COSWAY
	A				Exp: Jan 22, 1993	BUMPER DEVELOPM	0.000				TWP. 32, RGE. 27, W4M: SEC. 29
							0.000				ALL PNG FROM SURFACE TO LEA PARK
100.00000000											
			Status				Acres	Net		Acres	Net
000871	Sub: E		PNG	CR	0488010533	HUSKY OIL OP.	640.000	Total Rental:	896.00		Area : COSWAY
	A				Exp: Jan 22, 1993	BUMPER DEVELOPM	640.000				TWP. 32, RGE. 27, W4M: SEC. 29
					Ext: 95		320.000				PNG FROM BASE LEA PARK TO BASE
100.00000000											VIKING
			Status				Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000965	PNG	CR	Eff: Jul 14, 1988	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0488070059		Exp: Jul 13, 1993	640.000			TWP. 32, RGE. 27, W4M: SEC. 30
A			Ext: 95-A	160.000			ALL PNG TO BASE PEKISKC
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001014	PNG	CR	Eff: Apr 01, 1993	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0493040068		Exp: Mar 31, 1998	640.000			TWP. 32, RGE. 28 W4M: SEC. 10
A			Ext: 15	160.000			PNG TO BASE OF VIKING
100.00000000	EOG RESOURCES		Ext: Apr 01, 1998				
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000888	PNG	CR	Eff: Jan 25, 1990	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0490010301		Exp: Jan 24, 1995	640.000			TWP. 32, RGE. 28, W4M: SEC. 11
A			Ext: 95	160.000			ALL PNG TO BASE VIKING
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000884	PNG	CR	Eff: Sep 24, 1989	640.000	Total Rental: 896.00		Area : COSWAY
Sub: C	0489090446		Exp: Sep 23, 1994	640.000			TWP. 32, RGE. 28, W4M: SEC. 12
A			Ext: 95	320.000			ALL PNG TO BASE VIKING
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000884							
Sub: C	Status		Acres	Net		Acres	Net
001315	PNG	FH	Eff: Sep 26, 2005	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8857.0	Exp: Sep 25, 2006	639.486				TWP. 32, RGE. 28, W4M: SEC. 19
A		Ext: HBP	639.486				ALL PNG IN VIKING
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001103	PNG	CR	Eff: Nov 24, 1994	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0494110500	Exp: Nov 23, 1999	640.000				TWP. 32, RGE. 28, W4M: SEC. 24
A			160.000				ALL PNG TO BASE VIKING
100.00000000	EOG RESOURCES						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000942	PNG	CR	Eff: Feb 11, 1988	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0488020051	Exp: Feb 10, 1993	640.000				TWP. 32, RGE. 28, W4M: SEC. 34
A		Ext: 95	160.000				ALL PNG TO BASE VIKING
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000990	PNG	CR	Eff: Dec 12, 1991	640.000	Total Rental: 896.00		Area : TORRINGTON
Sub: A	0491120050		Exp: Dec 11, 1996	640.000			TWP. 32, RGE. 28, W4M: SEC. 36
A			Ext: 95-A	160.000			ALL P&NG TO BASE VIKING
100.00000000	HUSKY OIL OP.		Ext: Dec 12, 1996				
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000518	NG	FH	Eff: Sep 27, 1983	160.000	Total Rental: 160.00		Area : TROCHU
Sub: A	GREIG, V C		Exp: Sep 26, 1986	160.000			TWP. 33, RGE. 22, W4M: NE/4 5
A			Ext: HBP	0.000			NATURAL GAS ONLY TO BASE BANFF
100.00000000	EOG RESOURCES						
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000519	NG	FH	Eff: Feb 14, 1983	320.000	Total Rental: 320.00		Area : TROCHU
Sub: A	DIMMER, C A		Exp: Feb 13, 1988	320.000			TWP. 33, RGE. 22, W4M: NW/4 &
A			Ext: HBP	0.000			SE/4 5
100.00000000	EOG RESOURCES						NATURAL GAS ONLY TO BASE BANFF
	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000521	NG	PC	Eff: Dec 19, 1984	160.000	Total Rental: 160.00		Area : TROCHU
Sub: A	PC-16,834		Exp: Dec 18, 1985	160.000			TWP. 33, RGE. 22, W4M: SW/4 5
A				0.000			NATURAL GAS - GLAUCONITE ONLY
100.00000000	EOG RESOURCES						
	EOG RESOURCES						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000521							
Sub: A	Status		Acres	Net		Acres	Net
000517	NG	FH	Eff: Apr 11, 1985	320.000	Total Rental: 320.00		Area: TROCHU
Sub: A	FRANKE, A.		Exp: Apr 10, 1988	320.000			TWP. 33, RGE. 22, W4M: W/2 9
A			Ext: HBP	80.000			NATURAL GAS IN BELLY RIVER AND VIKING ZONES
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000517	NG	FH	Eff: Apr 11, 1985	0.000	Total Rental: 0.00		Area: TROCHU
Sub: B	FRANKE, A.		Exp: Apr 10, 1988	0.000			TWP. 33, RGE. 22, W4M: W/2 9
A			Ext: HBP	0.000			NATURAL GAS IN ALL ZONES EXCL. BELLY RIVER AND VIKING
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Count Acreage = No						
	Status		Acres	Net		Acres	Net
000957	NG	CR	Eff: Feb 20, 1986	320.000	Total Rental: 448.00		Area: TROCHU
Sub: A	0486020231		Exp: Feb 19, 1991	320.000			TWP. 33, RGE. 22, W4M: E/2 9
A			Ext: 95-A	80.000			NATURAL GAS ONLY TO BASE VIKING
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001304	PNG	CR	Eff: Dec 15, 2005	320.000	Total Rental: 448.00		Area: ELNORA
Sub: A	0405120471		Exp: Dec 14, 2010	320.000			TWP. 33, RGE. 22, W4M: E/2 9
A				80.000			ALL PNG BELOW BASE VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000799	NG	FH	Eff: Feb 12, 1976	640.000	Total Rental: 640.00		Area: TROCHU
Sub: A	THOMSON, J.M.		Exp: Feb 11, 1981	640.000			TWP. 33, RGE. 22, W4M: SEC. 19
A			Ext: HBP	0.000			NATURAL GAS ONLY TO BASE
	HUSKY OIL OP.						GLAUCONITE
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000799	NG	FH	Eff: Feb 12, 1976	0.000	Total Rental: 0.00		Area: TROCHU
Sub: B	THOMSON, J.M.		Exp: Feb 11, 1981	0.000			TWP. 33, RGE. 22, W4M: SEC. 19
A			Ext: HBP	0.000			NATURAL GAS BELOW BASE
	HUSKY OIL OP.						GLAUCONITE
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001304	PNG	CR	Eff: Dec 15, 2005	640.000	Total Rental: 896.00		Area: TWINING
Sub: B	0405120471		Exp: Dec 14, 2010	640.000			TWP. 33, RGE. 22, W4M: SEC. 22
A				160.000			ALL PNG BELOW BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001304							
Sub: B	Status		Acres	Net		Acres	Net
001210	PNG	CR	Eff: Dec 14, 2000	640.000	Total Rental: 896.00		Area : ELNORA
Sub: A	0400120055		Exp: Dec 13, 2005	640.000			TWP. 33, RGE. 22, W4M: SEC. 28
A			Ext: 15	640.000			ALL PNG TO BASE BELLY RIVER
	BUMPER DEVELOPM						ZONE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001211	PNG	CR	Eff: Dec 14, 2000	640.000	Total Rental: 896.00		Area : ELNORA
Sub: A	0400120056		Exp: Dec 13, 2005	640.000			TWP. 33, RGE. 22, W4M: SEC. 30
A			Ext: 16	640.000			ALL PNG - ALL ZONES EXCL.
	BUMPER DEVELOPM		Ext: Aug 30, 2006				MANNVILLE ZONE
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001211	PNG	CR	Eff: Dec 14, 2000	640.000	Total Rental: 0.00		Area : ELNORA
Sub: B	0400120056		Exp: Dec 13, 2005	640.000			TWP. 33, RGE. 22, W4M: SEC. 30
A			Ext: 16	200.000			ALL PNG, INCL. CBM, IN
	EOG RESOURCES		Ext: Aug 30, 2006				MANNVILLE ZONE (POOLED)
100.00000000	BUMPER DEVELOPM		Count Acreage = No				
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000998	PNG CR	Eff: Mar 22, 1984	480.000	Total Rental:	672.00		Area : TROCHU
Sub: A	0484030177	Exp: Mar 21, 1989	480.000				TWP. 33, RGE. 23, W4M: S/2 &
A		Ext: 95-1A	30.000				NW/4 11
	EOG RESOURCES						ALL PNG TO BASE MANNVILLE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000999	PNG CR	Eff: Jan 23, 1986	160.000	Total Rental:	224.00		Area : TROCHU
Sub: A	0486010226	Exp: Jan 22, 1991	160.000				TWP. 33, RGE. 23, W4M: NE/4 11
A		Ext: 95-1A	10.000				PNG TO BASE MANNVILLE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001212	PNG CR	Eff: Dec 14, 2000	640.000	Total Rental:	896.00		Area : ELNORA
Sub: A	0400120058	Exp: Dec 13, 2005	640.000				TWP. 33, RGE. 23, W4M: SEC. 14
A		Ext: 15	640.000				ALL PNG TO BASE BELLY RIVER
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000801	NG FH	Eff: Jun 16, 1980	160.000	Total Rental:	0.00		Area : TROCHU
Sub: A	KNEIVEL, A.N.	Exp: Jun 15, 1985	160.000				TWP. 33, RGE. 23, W4M: SW/4 21
A		Ext: HBP	40.000				NATURAL GAS ONLY BELOW TOP OF
	PENGROWTH PTSHP						BANFF
100.00000000	CONOCOPHILLI						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000801							
Sub: A	Status		Acres	Net		Acres	Net
000801	NG	FH	Eff: Jun 16, 1980	0.000	Total Rental: 0.00		Area : TROCHU
Sub: B	KNEIVEL, A.N.	Exp: Jun 15, 1985	0.000				TWP. 33, RGE. 23, W4M: SW/4 21
A		Ext: HBP	0.000				NATURAL GAS IN ALL FORMATIONS
	PENGROWTH PTSHP						DOWN TO BUT NOT INCLUDING BANFF
100.00000000	CONOCOPHILLI						
	Status		Acres	Net		Acres	Net
000783	PNG	CR	Eff: Jun 02, 1983	640.000	Total Rental: 896.00		Area : TROCHU
Sub: A	0483060021	Exp: Jun 01, 1988	640.000				TWP. 33, RGE. 23, W4M: SEC. 24
A		Ext: 95-A	176.000				ALL PNG TO BASE MANNVILLE,
	HUSKY OIL OP.						EXCLUDING VIKING FORMATION
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001198	PNG	CR	Eff: May 04, 2000	640.000	Total Rental: 896.00		Area : TROCHU
Sub: A	0400050106	Exp: May 03, 2005	640.000				TWP. 33, RGE. 23, W4M: SEC. 29
A		Ext: 15	640.000				ALL PNG TO BASE MANNVILLE
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000349							
Sub: A	Status		Acres	Net		Acres	Net
000349	PNG	CR	Eff: Feb 14, 1962	320.000	Total Rental: 0.00		Area : N TWINNING UNIT
Sub: B	125207		Exp: Feb 13, 1983	320.000			TWP. 33, RGE. 24, W4M: W/2 6
A				0.000			BELLY RIVER FORMATION ONLY -
	PENGROWTH CORP.						(PENALTY WELL 5-6-33-24 W4M)
100.00000000	PENGROWTH PTSHFC	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000350	PNG	CR	Eff: Aug 11, 1965	51.600	Total Rental: 72.24		Area : N TWINNING UNIT
Sub: A	6179		Exp: Aug 10, 1975	51.600			TWP. 33, RGE. 24, W4M: PTN. N/2
A			Ext: 99-1	4.676			7
	CONOCOPHIL WEST						PETROLEUM TO TOP PEKISKO AND
100.00000000	CONOCOPHIL WEST						ALL PNG IN PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000350	PNG	CR	Eff: Aug 11, 1965	0.000	Total Rental: 0.00		Area : N TWINNING UNIT
Sub: B	6179		Exp: Aug 10, 1975	0.000			TWP. 33, RGE. 24, W4M: PTN. N/2
A			Ext: 99-1	0.000			7
	EOG RESOURCES						NG ONLY TO TOP OF PEKISKO ZONE
100.00000000	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000351	PNG	PC	Eff: Nov 08, 1961	160.000	Total Rental:	160.00	Area : N TWINNING UNIT
Sub: A	PL 3328		Exp: Nov 07, 1971	160.000			TWP. 33, RGE. 24, W4M: SW/4 7
A			Ext: HBP	14.500			ALL PNG TO BASE PEKISKC
100.00000000	CONOCOPHILLI						
	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
000704	PNG	PC	Eff: Nov 30, 1962	119.000	Total Rental:	119.00	Area : N TWINNING UNIT
Sub: A	PL 4400		Exp: Nov 29, 1972	119.000			TWP. 33, RGE. 24, W4M: PTN.
A			Ext: HBP	10.784			NE/4 7
100.00000000	CONOCOPHIL WEST						PNG TO BASE PEKISKO ZONE
	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
000705	PNG	PC	Eff: Nov 30, 1962	149.400	Total Rental:	149.40	Area : N TWINNING UNIT
Sub: A	PL 4401		Exp: Nov 29, 1972	149.400			TWP. 33, RGE. 24, W4M: PTN.
A			Ext: HBP	13.539			NW/4 7
100.00000000	CONOCOPHIL WEST						ALL PNG TO BASE PEKISKO ZONE
	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
000373	PNG	CR	Eff: Jul 27, 1960	160.000	Total Rental:	224.00	Area : WIMBORNE
Sub: A	120099		Exp: Jul 26, 1981	160.000			TWP. 33, RGE. 24, W4M: NE/4 18
A			Ext: 99-A	140.000			NATURAL GAS ONLY TO BASE PEKISKC
	BUMPER DEVELOPM						
	TALISMAN CANADA						

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

(cont'd)

000373							
Sub: A	Status		Acres	Net		Acres	Net
000373	PNG	CR	Eff: Jul 27, 1980	0.000	Total Rental:	0.00	Area : WIMBORNE
Sub: B	120099		Exp: Jul 26, 1981	0.000			TWP. 33, RGE. 24, W4M: NE/4 18
A			Ext: 99-A	0.000			NATURAL GAS ONLY TO BASE
	BUMPER DEVELOPM						PEKISKO
	TALISMAN CANADA						
	Status		Acres	Net		Acres	Net
							(13-18-33-24 W4M WELL ONLY)
000374	PNG	CR	Eff: Jul 27, 1980	160.000	Total Rental:	224.00	Area : WIMBORNE
Sub: A	120100		Exp: Jul 26, 1981	160.000			TWP. 33, RGE. 24, W4M: SW/4 18
A			Ext: 99-A	140.000			NATURAL GAS ONLY TO BASE
	BUMPER DEVELOPM						PEKISKO ZONE
100.00000000	TALISMAN CANADA						
	Status		Acres	Net		Acres	Net
000374	PNG	CR	Eff: Jul 27, 1980	0.000	Total Rental:	0.00	Area : WIMBORNE
Sub: B	120100		Exp: Jul 26, 1981	0.000			TWP. 33, RGE. 24, W4M: SW/4 18
A			Ext: 99-A	0.000			NATURAL GAS ONLY TO BASE
	BUMPER DEVELOPM						PEKISKO
100.00000000	TALISMAN CANADA						
	Status		Acres	Net		Acres	Net
							(13-18-33-24 W4M WELL ONLY)

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000374	B						
000375	PNG	CR	Eff: Mar 17, 1965	320.000	Total Rental: 448.00		Area : WIMBORNE
Sub: A	4991		Exp: Mar 16, 1975	320.000			TWP. 33, RGE. 24, W4M: NW/4 &
A			Ext: 99-A	280.000			SE/4 18
	BUMPER DEVELOPM						NATURAL GAS ONLY TO BASE
100.00000000	BUMPER DEVELOPM						PEKISKO ZONE
	Status		Acres	Net		Acres	Net
000375	PNG	CR	Eff: Mar 17, 1965	0.000	Total Rental: 0.00		Area : WIMBORNE
Sub: B	4991		Exp: Mar 16, 1975	0.000			TWP. 33, RGE. 24, W4M: NW/4 &
A			Ext: 99-A	0.000			SE/4 18
	BUMPER DEVELOPM						PETROLEUM ONLY TO BASE PEKISKO
100.00000000	BUMPER DEVELOPM						ZONE
	Status		Acres	Net		Acres	Net
000375	PNG	CR	Eff: Mar 17, 1965	0.000	Total Rental: 0.00		Area : WIMBORNE
Sub: C	4991		Exp: Mar 16, 1975	0.000			TWP. 33, RGE. 24, W4M: NW/4 18
A			Ext: 99-A	0.000			NATURAL GAS ONLY TO BASE
	BUMPER DEVELOPM						PEKISKO
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
							(13-18-33-24 W4M WELL ONLY)
000363	PNG	PC	Eff: Feb 06, 1962	640.000	Total Rental: 640.00		Area : N TWINNING UNIT

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000383							
Sub: A	PL 3427	Exp: Feb 05, 1972	640.000				TWP. 33, RGE. 24, W4M: SEC. 19
A		Ext: HBP	80.000				ALL PNG - ALL ZONES
	CONOCOPHIL WEST						
100.00000000	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
001234	PNG	CR	Eff: Jul 11, 2002	480.000	Total Rental: 672.00		Area : WIMBORNE
Sub: A	0402070090	Exp: Jul 10, 2007	480.000				TWP. 33, RGE. 24, W4M: SEC. S
A			480.000				& NE 20
	BUMPER DEVELOPM						ALL PNG - ALL ZONES
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001237	PNG	CR	Eff: Oct 31, 2002	160.000	Total Rental: 224.00		Area : WIMBORNE
Sub: A	0402100629	Exp: Oct 30, 2007	160.000				TWP. 33, RGE. 24, W4M: SEC. NW
A			160.000				20
	BUMPER DEVELOPM						ALL PNG TO BASE VIKING
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000205	PNG	CR	Eff: May 09, 1983	640.000	Total Rental: 0.00		Area : WIMBORNE
Sub: A	127559	Exp: May 08, 1984	640.000				TWP. 33, RGE. 24, W4M: SW/4 &
A		Ext: 95	160.000				NE/4 30
	EOG RESOURCES						ALL P&NG TO TOP VIKING

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

(cont'd)

000205

Sub: A

100.00000000 PENGROWTH CORP.Count Acreage = No

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000205	PNG	CR	Eff: May 09, 1983	320.000	Total Rental:	448.00
Sub: B	127559		Exp: May 08, 1984	320.000		
A			Ext: 95	110.000		

Area : WIMBORNE
TWP. 33, RGE. 24, W4M: SW/4 &
NE/4 30
ALL PNG IN VIKING ZONE

EOG RESOURCES
100.00000000 PENGROWTH CORP.

Status	Acres	Net	Acres	Net
--------	-------	-----	-------	-----

000274	PNG	CR	Eff: Jul 27, 1980	320.000	Total Rental:	224.00
Sub: A	120103		Exp: Jul 26, 1981	320.000		
A			Ext: 95	80.000		

Area : WIMBORNE
TWP. 33, RGE. 24, W4M: SE/4 30
P&NG TO TOP VIKING

EOG RESOURCES
TALISMAN CANADA Count Acreage = No

Status	Acres	Net	Acres	Net
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000274	PNG	CR	Eff: Jul 27, 1980	180.000	Total Rental:	0.00
Sub: B	120103		Exp: Jul 26, 1981	180.000		
A			Ext: 99-A	55.000		

Area : WIMBORNE
TWP. 33, RGE. 24, W4M: SE/4 30
ALL PNG IN VIKING ZONE

EOG RESOURCES
TALISMAN CANADA

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File Number	Lee Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000274							
Sub: B	Status		Acres	Net		Acres	Net
000275	PNG	CR	Eff: Jul 27, 1960	160.000	Total Rental: 224.00		Area : WIMBORNE
Sub: A	120104		Exp: Jul 26, 1981	160.000			TWP. 33, RGE. 24, W4M: NW/4 30
A			Ext: 95	40.000			ALL PNG TO TOP OF VIKING
	EOG RESOURCES						
100.00000000	EOG RESOURCES	Count	Acresage = No				
	Status		Acres	Net		Acres	Net
000275	PNG	CR	Eff: Jul 27, 1960	160.000	Total Rental: 0.00		Area : WIMBORNE
Sub: B	120104		Exp: Jul 26, 1981	160.000			TWP. 33, RGE. 24, W4M: NW/4 30
A			Ext: 95	55.000			ALL PNG IN VIKING ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000352	PNG	PC	Eff: Mar 07, 1962	160.000	Total Rental: 180.00		Area : N TWINNING UNIT
Sub: A	PL 3449		Exp: Mar 06, 1972	160.000			TWP. 33, RGE. 25, W4M: NE/4 1
A			Ext: HBP	14.500			(ALL PNG - ALL ZONES)
	CONOCOPHIL WEST						(PEKISKO ZONE UNITIZED)
100.00000000	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000353	PNG	PC	Eff: Nov 24, 1961	160.000	Total Rental: 160.00		Area : N TWINNING UNIT
Sub: A	PL 3350		Exp: Nov 23, 1971	160.000			TWP. 33, RGE. 25, W4M: SE/4 1
A			Ext: HBP	14.500			(ALL PNG - ALL ZONES)
100.00000000	CONOCOPHIL WEST						(PEKISKO ZONE UNITIZED)
	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
000701	PNG	PC	Eff: Mar 28, 1962	160.000	Total Rental: 160.00		Area : N TWINNING UNIT
Sub: A	PL 3457		Exp: Mar 27, 1972	160.000			TWP. 33, RGE. 25, W4M: NW/4 1
A			Ext: HBP	14.500			ALL PNG - ALL ZONES
100.00000000	CONOCOPHIL WEST						(PEKISKO ZONE UNITIZED)
	CONOCOPHIL WEST						
	Status		Acres	Net		Acres	Net
000702	PNG	PC	Eff: Nov 30, 1962	160.000	Total Rental: 160.00		Area : N TWINNING UNIT
Sub: A	PL 4394		Exp: Nov 29, 1972	160.000			TWP. 33, RGE. 25, W4M: SW/4 1
A			Ext: HBP	0.000			PNG - ALL ZONES / PEKISKO
100.00000000	CONOCOPHIL WEST						UNITIZED
	CONOCOPHIL WEST						(102/6-1 PENALTY WELL)
	Status		Acres	Net		Acres	Net
001189	PNG	CR	Eff: Jan 04, 1968	640.000	Total Rental: 896.00		Area : KNEEHILL
Sub: A	12401		Exp: Jan 03, 1978	640.000			TWP. 33, RGE. 25, W4M: SEC. 2
A			Ext: 95	243.200			ALL PNG TO BASE PEKISKC
100.00000000	CREW ENERGY INC						
	CREW ENERGY INC						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001189							
Sub: A	Status		Acres	Net		Acres	Net
000260	PNG	FH	Eff: Dec 01, 1972	640.000	Total Rental: 640.00		Area : KNEEHILL
Sub: A	EXXONMOBIL		Exp: Nov 30, 1982	640.000			TWP. 33, RGE. 25, W4M: SEC. 3
A			Ext: HBP	80.000			ALL P&NG TO THE BASE OF BANFF
	EOG RESOURCES						ZONE
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001328	PNG	CR	Eff: Jun 15, 2008	640.000	Total Rental: 898.00		Area : TWINING
Sub: A	0406060445		Exp: Jun 14, 2011	640.000			TWP. 33, RGE. 25, W4M: SEC. 4
A				200.000			ALL PNG BELOW BASE BELLY RIVER
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000096	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19132		Exp: Dec 06, 1982	160.000			TWP. 33, RGE. 25, W4M: NW/4 15
A			Ext: HBP	20.000			ALL P&NG IN BELLY RIVER AND
	EOG RESOURCES						VIKING ZONES ONLY
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
000097	NG	FH	Eff: Aug 18, 1977	120.000	Total Rental: 120.00		Area : KNEEHILL
Sub: A	COCHRANE, T I	Exp: Aug 17, 1982	120.000				TWP. 33, RGE. 25, W4M: E/2 &
A		Ext: HBP	15.000				SW/4 15
	EOG RESOURCES						(UND. 1/4 INTEREST)
25.00000000	EOG RESOURCES						NATURAL GAS ONLY - ALL ZONES
							EXCL. RUNDLE AND LOWER
							MANNVILLE IN NE/4
	Status		Acres	Net		Acres	Net
000101	NG	FH	Eff: Aug 18, 1977	120.000	Total Rental: 120.00		Area : KNEEHILL
Sub: A	SMITH, E I	Exp: Aug 17, 1982	120.000				TWP. 33, RGE. 25, W4M: E/2 &
A		Ext: HBP	15.000				SW/4 15
	EOG RESOURCES						(UND. 1/4 INTEREST)
25.00000000	EOG RESOURCES						NATURAL GAS ONLY - ALL ZONES
							EXCL. RUNDLE AND LOWER
							MANNVILLE IN NE/4
	Status		Acres	Net		Acres	Net
000102	NG	FH	Eff: Aug 18, 1977	120.000	Total Rental: 120.00		Area : KNEEHILL
Sub: A	CARLSON, R E	Exp: Aug 17, 1982	120.000				TWP. 33, RGE. 25, W4M: E/2 &
A		Ext: HBP	15.000				SW/4 15 (1/4 INT.)
	EOG RESOURCES						NATURAL GAS - ALL ZONES EXCL.
25.00000000	EOG RESOURCES						RUNDLE AND LOWER MANNVILLE IN
							NE/4
	Status		Acres	Net		Acres	Net
000103	NG	FH	Eff: Aug 18, 1977	120.000	Total Rental: 120.00		Area : KNEEHILL
Sub: A	CARLSON, M I	Exp: Aug 17, 1982	120.000				TWP. 33, RGE. 25, W4M: E/2 &
A		Ext: HBP	15.000				SW/4 15 (UND. 1/4 INT.)

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000103							
Sub: A	EOG RESOURCES						NATURAL GAS - ALL ZONES EXCL.
25.00000000	EOG RESOURCES						RUNDLE AND LOWER MANNVILLE IN
							NE/4
	Status		Acres	Net		Acres	Net
000183	PET	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19133		Exp: Dec 06, 1982	160.000			TWP. 33, RGE. 25, W4M: SE/4 15
A			Ext: HBP	20.000			PETROLEUM ONLY TO BASE PEKISKO
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001104	PET	FH	Eff: Sep 01, 1994	160.000	Total Rental: 800.00		Area : KNEEHILL
Sub: A	AB86-28,427		Exp: Aug 31, 1995	160.000			TWP. 33, RGE. 25, W4M: SW/4 15
A			Ext: HBP	40.000			PETROLEUM ONLY TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001077	PNG	CR	Eff: Jun 09, 1994	160.000	Total Rental: 224.00		Area : TWINING
Sub: A	0494060050		Exp: Jun 08, 1999	160.000			TWP. 33, RGE. 25, W4M: NE/4 16
A			Ext: 15	80.000			ALL PNG TO BASE PEKISKO EXCL.
	EOG RESOURCES		Ext: Jun 09, 1999				MANNVILLE ZONE
100.00000000	EOG RESOURCES						

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

(cont'd)

001077							
Sub: A	Status		Acres	Net		Acres	Net
001077	PNG CR	Eff: Jun 09, 1994	160.000	Total Rental: 224.00			Area : TWINING
Sub: B	0494060050	Exp: Jun 08, 1999	160.000				TWP. 33, RGE. 25, W4M: SE/4 16
A		Ext: 15	80.000				ALL PNG TO BASE PEKISKO EXCL.
100.00000000	EOG RESOURCES	Ext: Jun 09, 1999					MANNVILLE ZONE

	Status		Acres	Net		Acres	Net
001077	PNG CR	Eff: Jun 09, 1994	160.000	Total Rental: 0.00			Area : TWINING
Sub: C	0494060050	Exp: Jun 08, 1999	160.000				TWP. 33, RGE. 25, W4M: E/2 16
A		Ext: 15	50.000				ALL PNG INCL. CBM IN MANNVILLE
100.00000000	EOG RESOURCES	Ext: Jun 09, 1999					ZONE (POOLED)
	EOG RESOURCES	Count Acreage = No					(EXCL. PRODUCTION
							FROM EXISTING WELL AT 09-16)

001078							
Sub: A	Status		Acres	Net		Acres	Net
001078	PNG CR	Eff: Jun 09, 1994	320.000	Total Rental: 448.00			Area : TWINING
Sub: A	0494060051	Exp: Jun 08, 1999	320.000				TWP. 33, RGE. 25, W4M: W/2 16
A		Ext: 15	160.000				ALL PNG TO BASE PEKISKO EXCL.
100.00000000	EOG RESOURCES	Ext: Jun 09, 1999					MANNVILLE ZONE.

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001078	PNG	CR	Eff: Jun 09, 1994	320.000	Total Rental:	0.00	
Sub: B	0494060051		Exp: Jun 08, 1999	320.000			Area : TWINING
A			Ext: 15	100.000			TWP. 33, RGE. 25, W4M: W/2 16
	EOG RESOURCES		Ext: Jun 09, 1999				ALL PNG INCL. CBM IN MANNVILLE
100.00000000	EOG RESOURCES	Count Acreage = No					ZONE (POOLED)
	Status		Acres	Net		Acres	Net
							(EXCL. PRODUCTION
							FROM EXISTING WELL AT 09-16)
001199	PNG	CR	Eff: Jun 01, 2000	640.000	Total Rental:	896.00	
Sub: A	0400060045		Exp: May 31, 2005	640.000			Area : KNEEHILL
A			Ext: 15	640.000			TWP. 33, RGE. 25, W4M: SEC. 18
	BUMPER DEVELOPM		Ext: Jun 01, 2005				ALL PNG TO BASE BELLY RIVER GRP
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001318	PNG	CR	Eff: Nov 15, 1992	640.000	Total Rental:	896.00	
Sub: A	0492110164		Exp: Nov 14, 1997	640.000			Area : TWINING
A			Ext: 95-1	200.000			TWP. 33, RGE. 25, W4M: SEC. 22
	EOG RESOURCES						ALL PNG IN MANNVILLE ZONE
100.00000000	EOG RESOURCES						(POOLED)
	Status		Acres	Net		Acres	Net
000961	PET	FH	Eff: Jan 31, 1991	160.000	Total Rental:	320.00	
Sub: A	PCPL AB85-18,198		Exp: Jan 30, 1992	160.000			Area : KNEEHILL
A			Ext: HBP	0.000			TWP. 33, RGE. 25, W4M: NE/4 23
	EOG RESOURCES						PETROLEUM ONLY TO BASE PEKISK

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

(cont'd)

000961

Sub: A

50.00000000 EOG RESOURCES

Status	Acres	Net	Acres	Net	
000961	PET	FH	Eff: Jan 31, 1991	0.000	Total Rental: 0.00
Sub: B	PCPL AB85-18,198	Exp: Jan 30, 1992	0.000		
A		Ext: HBP	0.000		
	EOG RESOURCES.				Area : KNEEHILL
50.00000000	EOG RESOURCES				TWP. 33, RGE. 25, W4M: NE/4 23
					MANNVILLE COAL BED RIGHTS ONLY

Status	Acres	Net	Acres	Net	
000002	PNG	FE	Eff: Mar 22, 2003	160.000	Total Rental: 320.00
Sub: A	998-D	Exp: Mar 21, 2008	160.000		
A			20.000		
	EOG RESOURCES				Area : KNEEHILL
100.00000000	EOG RESOURCES				TWP. 33, RGE. 25, W4M: NE/4 25
					ALL PNG - ALL ZONES

Status	Acres	Net	Acres	Net	
000108	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00
Sub: A	19144	Exp: Dec 06, 1982	160.000		
A		Ext: HBP	20.000		
	EOG RESOURCES				Area : KNEEHILL
100.00000000	EOG RESOURCES				TWP. 33, RGE. 25, W4M: SE/4 25
					ALL PNG TO BASE PEKISKC

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000108							
Sub: A	Status		Acres	Net		Acres	Net
000160	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19143		Exp: Dec 06, 1982	160.000			TWP. 33, RGE. 25, W4M: NW/4 25
A			Ext: HBP	20.000			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000161	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : KNEEHILL
Sub: A	19145		Exp: Dec 06, 1982	160.000			TWP. 33, RGE. 25, W4M: SW/4 25
A			Ext: HBP	20.000			ALL P&NG TO BASE PEKISKC
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001323	PNG	CR	Eff: Sep 05, 2002	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0402090070		Exp: Sep 04, 2007	640.000			TWP. 33, RGE. 25, W4M: SEC. 29
A				200.000			ALL PNG IN MANNVILLE ZONE
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001324	PNG	CR	Eff: Sep 05, 2002	640.000	Total Rental: 896.00		Area : TWINING
Sub: A	0402090071	Exp: Sep 04, 2007	640.000				TWP. 33, RGE. 25, W4M: SEC. 30
A			200.000				ALL PNG IN MANNVILLE ZONE
	EOG RESOURCES						(POOLED)
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001263	PNG	CR	Eff: Jan 08, 2004	640.000	Total Rental: 896.00		Area : KNEEHILL
Sub: A	0404010068	Exp: Jan 07, 2009	640.000				TWP. 33, RGE. 26, W4M: SEC. 28
A			640.000				PNG BELOW BASE BELLY RIVER
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001195	PNG	CR	Eff: Apr 06, 2000	640.000	Total Rental: 896.00		Area : DAVEY LAKE
Sub: A	0400040446	Exp: Apr 05, 2005	640.000				TWP. 33, RGE. 27, W4M: SEC. 2
A		Ext: 15	480.000				ALL PNG TO BASE BELLY RIVER
	BUMPER DEVELOPM	Ext: Jul 07, 2005					
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001314	PNG	FH	Eff: Sep 13, 2005	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8965.0	Exp: Sep 12, 2006	639.486				TWP. 33, RGE. 27, W4M: SEC. 07
A			639.486				ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001314							
Sub: A	Status		Acres	Net		Acres	Net
001196	PNG	CR	Eff: Apr 06, 2000	640.000	Total Rental: 896.00		Area : DAVEY LAKE
Sub: A	0400040449		Exp: Apr 05, 2005	640.000			TWP. 33, RGE. 27, W4M: SEC. 11
A			Ext: 15	480.000			PNG TO BASE EDMONTON GROUP
	BUMPER DEVELOPM	Ext: Jul 07, 2005					
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001197	PNG	CR	Eff: Apr 06, 2000	640.000	Total Rental: 896.00		Area : DAVEY LAKE
Sub: A	0400040450		Exp: Apr 05, 2005	640.000			TWP. 33, RGE. 27, W4M: SEC. 12
A			Ext: 15	640.000			PNG TO BASE EDMONTON GROUP
	BUMPER DEVELOPM	Ext: Oct 19, 2005					
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000935	PNG	CR	Eff: Dec 03, 1987	640.000	Total Rental: 896.00		Area : LONE PINE CREEK
Sub: A	0487120081		Exp: Dec 02, 1992	640.000			TWP. 33, RGE. 28, W4M: SEC. 2
A			Ext: 95-1A	160.000			ALL PNG TO BASE VIKING
	HUSKY OIL OP.						
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000903	PNG CR	Eff: Feb 11, 1990	480.000	Total Rental:	672.00		Area : DAVEY LAKE
Sub: B	0490020447	Exp: Feb 10, 1995	480.000				TWP. 33, RGE. 28, W4M: N/2 &
A		Ext: 95	97.500				SE/4 4
	HUSKY OIL OP.						ALL PNG TO BASE VIKING
100.00000000	EXXONMOBIL CAN.						
	Status		Acres	Net		Acres	Net
001007	PNG CR	Eff: Jan 07, 1993	160.000	Total Rental:	224.00		Area : DAVEY LAKE
Sub: A	0493010059	Exp: Jan 06, 1998	160.000				TWP. 33, RGE. 28, W4M: SW/4 4
A		Ext: 95	32.500				ALL PNG TO BASE VIKING
	HUSKY OIL OP.	Ext: Jan 07, 1998					
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000903	PNG CR	Eff: Feb 11, 1990	640.000	Total Rental:	896.00		Area : DAVEY LAKE
Sub: A	0490020447	Exp: Feb 10, 1995	640.000				TWP. 33, RGE. 28, W4M: SEC. 11
A		Ext: 95	80.000				ALL PNG TO BASE VIKING
	HUSKY OIL OP.						
100.00000000	EXXONMOBIL CAN.						
	Status		Acres	Net		Acres	Net
001261	PNG FH	Eff: Jul 18, 2003	639.486	Total Rental:	1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8987.0	Exp: Jul 17, 2004	639.486				TWP. 33, RGE. 28, W4M: SEC. 25
A			639.486				ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
001261							
Sub: A	Status		Acres	Net		Acres	Net
001259	PNG	FH	Eff: Jun 13, 2003	639.486	Total Rental: 1294.00		Area : LONE PINE CREEK
Sub: A	EXXONMOBIL 8991.0	Exp: Jun 12, 2004	639.486				TWP. 33, RGE. 28, W4M: SEC. 35
A			639.486				ALL PNG IN VIKING
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000775	PNG	CR	Eff: May 19, 1988	640.000	Total Rental: 896.00		Area : HUXLEY
Sub: A	0488050278	Exp: May 18, 1993	640.000				TWP. 34, RGE. 23, W4M: SEC. 6
A		Ext: 95	160.000				ALL PNG BELOW BASE VIKING TO
	HUSKY OIL OP.						BASE MANNVILLE
100.00000000	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001238	PNG	CR	Eff: Nov 14, 2002	640.000	Total Rental: 896.00		Area : HUXLEY
Sub: A	0402110084	Exp: Nov 13, 2007	640.000				TWP. 34, RGE. 23, W4M: SEC. 6
A			640.000				ALL PNG FROM BASE MANNVILLE
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000777	PNG	CR	Eff: Jun 02, 1988	640.000	Total Rental: 896.00		Area : HUXLEY
Sub: A	0488060073		Exp: Jun 01, 1993	640.000			TWP. 34, RGE. 23, W4M: SEC. 16
A			Ext: 95	160.000			ALL PNG TO BASE MANNVILLE
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
000846	PNG	CR	Eff: Jun 12, 1986	640.000	Total Rental: 896.00		Area : HUXLEY
Sub: A	0488060029		Exp: Jun 11, 1991	640.000			TWP. 34, RGE. 23, W4M: SEC. 18
A			Ext: 95-A	160.000			ALL PNG TO BASE MANNVILLE
100.00000000	CONOCOPHILLI						
	CONOCOPHILLI						
	Status		Acres	Net		Acres	Net
000829	PNG	CR	Eff: Sep 08, 1983	640.000	Total Rental: 896.00		Area : HUXLEY
Sub: A	0483090043		Exp: Sep 07, 1988	640.000			TWP. 34, RGE. 24, W4M: SEC. 12
A			Ext: 95	160.000			ALL PNG TO BASE BANFF
100.00000000	CONOCOPHILLI						
	PENGROWTH CORP.						
	Status		Acres	Net		Acres	Net
000680	PNG	CR	Eff: Jun 11, 1987	640.000	Total Rental: 896.00		Area : HUXLEY
Sub: A	0487060087		Exp: Jun 10, 1992	640.000			TWP. 34, RGE. 24, W4M: SEC. 14
A			Ext: 15	320.000			ALL PNG TO BASE MANNVILLE
100.00000000	HUSKY OIL OP.						
	HUSKY OIL OP.						

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File Number	Lse Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000680							
Sub: A	Status		Acres	Net		Acres	Net
000111	NG	FH	Eff: Apr 11, 1977	160.000	Total Rental: 160.00		Area : THREE HILLS CREEK
Sub: A	MURRAY, W.A. & W.		Exp: Apr 10, 1982	160.000			TWP. 34, RGE. 25, W4M: SW/4 1
A			Ext: HBP	40.000			NATURAL GAS - ALL ZONES
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000184	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : THREE HILLS CREEK
Sub: A	19154		Exp: Dec 06, 1982	160.000			TWP. 34, RGE. 25, W4M: NE/4 1
A			Ext: HBP	40.000			ALL P&NG TO BASE PEKISKO ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000185	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : THREE HILLS CREEK
Sub: A	19156		Exp: Dec 06, 1982	160.000			TWP. 34, RGE. 25, W4M: SE/4 1
A			Ext: HBP	40.000			ALL P&NG TO BASE PEKISKO ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000187	PNG	PC	Eff: Dec 07, 1972	160.000	Total Rental: 160.00		Area : THREE HILLS CREEK
Sub: A	19155		Exp: Dec 08, 1982	160.000			TWP. 34, RGE. 25, W4M: NW/4 1
A			Ext: HBP	40.000			ALL PNG TO BASE PEKISKO ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
001279	PNG	CR	Eff: Nov 08, 1971	640.000	Total Rental: 896.00		Area : THREE HILLS CREEK
Sub: A	26379A		Exp: Nov 07, 1981	640.000			TWP. 34, RGE. 25, W4M SEC. 2
A			Ext: 95	160.000			ALL PNG TO BASE VIKING ZONE
	EOG RESOURCES						
100.00000000	EOG RESOURCES						
	Status		Acres	Net		Acres	Net
000755	PNG	CR	Eff: Apr 07, 1988	160.000	Total Rental: 224.00		Area : THREE HILLS CREEK
Sub: A	0488040106		Exp: Apr 06, 1993	160.000			TWP. 34, RGE. 25, W4M: SEC.
A			Ext: 95	0.000			NW/4 4
	CONOCOPHILLI						ALL PNG TO BASE PEKISKC
100.00000000	CONOCOPHILLI						
	Status		Acres	Net		Acres	Net
000755	PNG	CR	Eff: Apr 07, 1988	480.000	Total Rental: 672.00		Area : THREE HILLS CREEK
Sub: B	0488040106		Exp: Apr 06, 1993	480.000			TWP. 34, RGE. 25, W4M: S/2 &
A			Ext: 95	0.000			NE/4 4
	CONOCOPHILLI						ALL PNG TO BASE MANNVILLE
100.00000000	CONOCOPHILLI						

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File Number	File Status	Mineral Int	Lease Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
(cont'd)											
000755	Sub: B		Status				Acres	Net		Acres	Net
000017	Sub: A		PNG	CR	26379		Eff: Nov 08, 1971 Exp: Nov 07, 1981 Ext: 95	320.000 320.000 80.000	Total Rental: 448.00		Area : THREE HILLS CREEK TWP. 34, RGE. 25, W4M: N/2 10 ALL P&NG TO BASE BELLY RIVER
100.00000000			HUSKY OIL OP.								
			Status				Acres	Net		Acres	Net
000022	Sub: A		PNG	CR	31018		Eff: Apr 27, 1973 Exp: Apr 26, 1983 Ext: 15	320.000 320.000 80.000	Total Rental: 448.00		Area : THREE HILLS CREEK TWP. 34, RGE. 25, W4M: S/2 10 ALL P&NG TO BASE BELLY RIVER
			HUSKY OIL OP.								
			Status				Acres	Net		Acres	Net
001279	Sub: B		PNG	CR	26379A		Eff: Nov 08, 1971 Exp: Nov 07, 1981 Ext: 15	640.000 640.000 160.000	Total Rental: 896.00		Area : THREE HILLS CREEK TWP. 34, RGE. 25, W4M SEC. 11 PNG TO BASE BELLY RIVER GRP
100.00000000			EOG RESOURCES				Ext: Jun 22, 2005				
			Status				Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000404	PNG	CR	Eff: Aug 26, 1982	320.000	Total Rental: 448.00		Area : THREE HILLS CREEK
Sub: A	0482080107		Exp: Aug 25, 1987	320.000			TWP. 34, RGE. 25, W4M: N/2 SEC.
A			Ext: 95-A	80.000			12
	EOG RESOURCES						PETROLEUM TO BASE VIKING;
100.00000000	EOG RESOURCES	Count Acreage = No					NATURAL GAS FROM BASE BELLY
							RIVER TO BASE VIKING
	Status		Acres	Net		Acres	Net
000404	PNG	CR	Eff: Aug 26, 1982	320.000	Total Rental: 0.00		Area : THREE HILLS CREEK
Sub: B	0482080107		Exp: Aug 25, 1987	320.000			TWP. 34, RGE. 25, W4M: N/2 SEC.
A			Ext: 95-A	160.000			12
	EOG RESOURCES						ALL PNG FROM BASE VIKING TO TOP
100.00000000	EOG RESOURCES						MANNVILLE (AND MANNVILLE
							PRODUCTION FROM WELL AT 16-12)
	Status		Acres	Net		Acres	Net
000404	PNG	CR	Eff: Aug 26, 1982	320.000	Total Rental: 448.00		Area : THREE HILLS CREEK
Sub: C	0482080107		Exp: Aug 25, 1987	320.000			TWP. 34, RGE. 25, W4M: S/2 SEC.
A			Ext: 95-A	160.000			12
	EOG RESOURCES						PETROLEUM TO TOP MANNVILLE;
100.00000000	EOG RESOURCES						NATURAL GAS FROM BASE BELLY
							RIVER TO TOP MANNVILLE EXCL. NG
	Status		Acres	Net		Acres	Net
							IN VIKING (AND MANNVILLE
							PRODUCTION FROM WELL AT 16-12;
000404	PNG	CR	Eff: Aug 26, 1982	640.000	Total Rental: 0.00		Area : THREE HILLS CREEK
Sub: D	0482080107		Exp: Aug 25, 1987	640.000			TWP. 34, RGE. 25, W4M: SEC. 12
A			Ext: 95-A	240.000			NATURAL GAS ONLY TO BASE BELLY

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000404							
Sub: D	EOG RESOURCES						RIVER INCL. CBM (POOLED)
100.00000000	EOG RESOURCES	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000404	PNG	CR	Eff: Aug 26, 1982	640.000	Total Rental: 0.00		Area : THREE HILLS CREEK
Sub: E	0482080107		Exp: Aug 25, 1987	640.000			TWP. 34, RGE. 25, W4M: SEC. 12
A			Ext: 95-A	200.000			ALL PNG INCL. CBM IN MANNVILLE
	EOG RESOURCES						ZONE (POOLED)
100.00000000	EOG RESOURCES	Count Acreage = No					(EXCL. PRODUCTION
	Status		Acres	Net		Acres	FROM EXISTING WELL AT 16-12)
000721	PNG	CR	Eff: Oct 16, 1956	640.000	Total Rental: 896.00		Area : THREE HILLS CREEK
Sub: A	106179		Exp: Oct 15, 1977	640.000			TWP. 34, RGE. 25, W4M: SEC. 16
A			Ext: 99-1D	80.000			ALL PNG TO BASE VIKING
	EOG RESOURCES						
100.00000000	CONOCOPHILLI						
	Status		Acres	Net		Acres	Net
000723	NG	CR	Eff: Jan 22, 1958	640.000	Total Rental: 896.00		Area : THREE HILLS CREEK
Sub: A	344		Exp: Jan 21, 1979	640.000			TWP. 34, RGE. 25, W4M: SEC. 20
A			Ext: 99	80.000			NATURAL GAS IN VIKING ZONE ONLY
	EOG RESOURCES						
100.00000000	PENGROWTH PTSHP						

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000723							
Sub: A	Status		Acres	Net		Acres	Net
000882	PNG	CR	Eff: Jun 22, 1964	640.000	Total Rental: 896.00		Area : DAVEY LAKE
Sub: A	3574		Exp: Jun 21, 1974	640.000			TWP. 34, RGE. 27, W4M: SEC. 10
A			Ext: 95	48.000			ALL PNG TO BASE PEKISKC
100.00000000	HUSKY OIL OP...						
	CANETIC RESOURC						
	Status		Acres	Net		Acres	Net
001253	PNG	CR	Eff: May 29, 2003	640.000	Total Rental: 896.00		Area : DAVEY LAKE
Sub: A	0403050913		Exp: May 28, 2008	640.000			TWP. 34, RGE. 27, W4M: SEC. 30
A				640.000			ALL PNG FROM BASE BELLY RIVER
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001247	PNG	CR	Eff: May 15, 2003	640.000	Total Rental: 896.00		Area : DAVEY LAKE
Sub: A	0403050403		Exp: May 14, 2008	640.000			TWP. 34, RGE. 27, W4M: SEC. 32
A				640.000			ALL PNG FROM BASE BELLY RIVER
100.00000000	BUMPER DEVELOPM						TO BASE PEKISKC
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001213	PNG	CR	Eff: Jan 25, 2001	640.000	Total Rental: 896.00		Area : THREE HILLS CREEK
Sub: A	0401010584		Exp: Jan 24, 2006	640.000			TWP. 35, RGE. 25, W4M: SEC. 2
A			Ext: 15	320.000			ALL PNG TO BASE BELLY RIVER
100.00000000	QUICKSILVER RES						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001188	PNG	CR	Eff: Jan 13, 2000	640.000	Total Rental: 896.00		Area : THREE HILLS CREEK
Sub: A	0400010108		Exp: Jan 12, 2005	640.000			TWP. 35, RGE. 25, W4M: SEC. 24
A			Ext: 15	0.000			PNG BELOW BASE VIKING TO BASE
100.00000000	EXPEDITION ENER						MANNVILLE
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001074	PNG	CR	Eff: Jun 15, 1989	160.000	Total Rental: 224.00		Area : HALKIRK
Sub: A	0489060286		Exp: Jun 14, 1994	160.000			TWP. 40, RGE. 12, W4M: SE/4 18
A			Ext: 95	12.000			NATURAL GAS IN VIKING ZONE ONLY
100.00000000	ATLAS ENERGY						
	HUSKY OIL OP.						
	Status		Acres	Net		Acres	Net
001286	PNG	CR	Eff: Mar 06, 2003	480.000	Total Rental: 672.00		Area : HALKIRK
Sub: A	0403030262		Exp: Mar 05, 2008	480.000			TWP. 40, RGE. 12, W4M: N/2 &
A			Ext: 95	36.000			SW/4 18
100.00000000	ATLAS ENERGY						NATURAL GAS FROM BASE BELLY
	ATLAS ENERGY						RIVER TO BASE VIKING

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
001286							
Sub: A	Status		Acres	Net		Acres	Net
000320	PNG	CR	Eff: Aug 26, 1982	160.000	Total Rental: 224.00		Area : WILSON CREEK
Sub: A	0482080114		Exp: Aug 25, 1987	160.000			TWP. 43, RGE. 4, W5M: SW/4 19
A			Ext: 95-A	80.000			ALL P&NG TO BASE BELLY RIVER
	PRIMEWEST ENERG						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000320	PNG	CR	Eff: Aug 26, 1982	160.000	Total Rental: 224.00		Area : WILSON CREEK
Sub: B	0482080114		Exp: Aug 25, 1987	160.000			TWP. 43, RGE. 4, W5M: NW/4 19
A			Ext: 95-A	80.000			ALL P&NG TO BASE BELLY RIVER
	PRIMEWEST ENERG						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000425	PNG	CR	Eff: Dec 15, 1975	160.000	Total Rental: 224.00		Area : ROSE CREEK
Sub: A	41548		Exp: Dec 14, 1985	160.000			TWP. 43, RGE. 7, W5M: NW/4 35
A			Ext: 95-1A	80.000			P&NG TO BASE JURASSIC ZONE
	PARAMOUNT RES.						
100.00000000	PENN WEST PTF						
	Status		Acres	Net		Acres	Net

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001034	PNG	CR	Eff: Sep 17, 1982	480.000	Total Rental: 672.00		Area : ROSE CREEK
Sub: A	058209A147	Exp: Sep 16, 1987	480.000				TWP. 43, RGE. 7, W5M: S/2 &
A		Ext: 95-A	240.000				NE/4 35
	PARAMOUNT RES.						P&NG TO BASE JURASSIC
100.00000000	PARAMOUNT RES.						
	Status		Acres	Net		Acres	Net
000458	PNG	CR	Eff: Sep 13, 1983	2,720.000	Total Rental: 1904.00		Area : WILLESDEN GREEN
Sub: A	0583090280	Exp: Sep 12, 1988	2,720.000				TWP. 43, RGE. 9, W5M: NE/4 &
A		Ext: 95-A	952.000				SW/4 15, NE/4 & SW/4 21, N/2 &
	GEOLOCK RESOURCE	Ext: Sep 13, 1988					SE/4 22, SEC 23, W/2 26, SEC. 27
100.00000000	BUMPER DEVELOPM	Count Acreage = No					ALL P & NG - ALL ZONES TO 2300
	Status		Acres	Net		Acres	Net
000458	PNG	CR	Eff: Sep 13, 1983	0.000	Total Rental: 224.00		Area : WILLESDEN GREEN
Sub: C	0583090280	Exp: Sep 12, 1988	0.000				TWP. 43, RGE. 9, W5M: NE/4 &
A		Ext: 95-A	0.000				SW/4 15
	GEOLOCK RESOURCE	Ext: Sep 13, 1988					(ALL P & NG - ALL ZONES BELOW
100.00000000	BUMPER DEVELOPM						2300 METRES TO BASE ROCK CREEK
	Status		Acres	Net		Acres	Net
000458	PNG	CR	Eff: Sep 13, 1983	320.000	Total Rental: 0.00		Area : WILLESDEN GREEN
Sub: D	0583090280	Exp: Sep 12, 1988	320.000				TWP. 43, RGE. 9, W5M: NE/4 &
A			0.000				SW/4 15
	BURLINGTON RES.						NG ONLY IN ROCK CREEK ZONE
100.00000000	BUMPER DEVELOPM						

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File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)			Lease Description / Rights Held
(cont'd)							
000458							
Sub: D	Status		Acres	Net		Acres	Net
000458	PNG	CR	Eff: Sep 13, 1983	2,400.000	Total Rental: 1680.00		Area : WILLESDEN GREEN
Sub: B	0583090280		Exp: Sep 12, 1988	2,400.000			TWP. 43, RGE. 9, W5M: NE/4 &
A			Ext: 95-A	0.000			SW/4 21, N/2 & SE/4 22, SEC 23,
	GEOLOCK RESOUR		Ext: Sep 13, 1988				W/2 26, SEC. 27
100.00000000	BUMPER DEVELOPM						(ALL P & NG - ALL ZONES BELOW
	Status		Acres	Net		Acres	Net
							2300 METRES TO BASE BANFF;
000326	PNG	CR	Eff: May 10, 1979	320.000	Total Rental: 448.00		Area : FERRYBANK
Sub: A	0479050029		Exp: May 09, 1984	320.000			TWP. 44, RGE. 1, W5M: S/2 2
A			Ext: 95	0.000			ALL P&NG TO BASE BANFF EXCL
	TRANSGLOBE ENER						PETROLEUM IN BANFF ZONE IN SW/4
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000326	PNG	CR	Eff: May 10, 1979	320.000	Total Rental: 448.00		Area : FERRYBANK
Sub: B	0479050029		Exp: May 09, 1984	320.000			TWP. 44, RGE. 1, W5M: N/2 2
A			Ext: 99-1D	0.000			ALL PNG TO BASE MANNVILLE
	TRANSGLOBE ENER						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000326	PNG	CR	Eff: May 10, 1979	0.000	Total Rental:	0.00	Area : FERRYBANK
Sub: C	0479050029		Exp: May 09, 1984	0.000			TWP. 44, RGE. 1, W5M: SW/4 2
A			Ext: 99-1A	0.000			PETROLEUM ONLY IN
	BUMPER DEVELOPM						BANFF_FORMATION
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000327	PNG	CR	Eff: May 10, 1979	640.000	Total Rental:	896.00	Area : FERRYBANK
Sub: A	0479050030		Exp: May 09, 1984	640.000			TWP. 44, RGE. 1, W5M: SEC. 12
A			Ext: 99-1A	0.000			ALL P&NG TO BASE MANNVILLE
	SAMSON CANADA						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000328	PNG	CR	Eff: May 10, 1979	320.000	Total Rental:	448.00	Area : FERRYBANK
Sub: A	0479050031		Exp: May 09, 1984	320.000			TWP. 44, RGE. 1, W5M: E/2 14
A			Ext: 99-1A	0.000			ALL PNG TO BASE BANFF_FORMATION
	TRANSGLOBE ENER						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000328	PNG	CR	Eff: May 10, 1979	0.000	Total Rental:	0.00	Area : FERRYBANK
Sub: B	0479050031		Exp: May 09, 1984	0.000			TWP. 44, RGE. 1, W5M: E/2 14
A			Ext: 99-1A	0.000			ALL PNG FROM BASE
	BUMPER DEVELOPM						BANFF_FORMATION TO BASE LEDUC
100.00000000	BUMPER DEVELOPM						FORMATION

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BUMPER DEVELOPMENT CORP.
Mineral Property Report

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File Number	Lease Type	Lease No/Name	Lease Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status				Gross				
Mineral Int		Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)								
000328								
Sub: B		Status		Acres	Net		Acres	Net
000492	PNG	CR	Eff: Nov 23, 1982	640.000	Total Rental:	896.00		Area : ROSE CREEK
Sub: A	0582110136		Exp: Nov 22, 1987	640.000				TWP. 44, RGE. 6, W5M: SEC. 20
A			Ext: 95-A	0.000				ALL P&NG TO BASE MANNVILLE
	PARAMOUNT RES.		Ext: Nov 23, 1987					
	PARAMOUNT RES.							
		Status		Acres	Net		Acres	Net
001034	PNG	CR	Eff: Sep 17, 1982	640.000	Total Rental:	896.00		Area : ROSE CREEK
Sub: B	058209A147		Exp: Sep 16, 1987	640.000				TWP. 44, RGE. 7, W5M: SEC. 2
A			Ext: 95-A	160.000				ALL P&NG TO BASE JURASSIC
	PARAMOUNT RES.							
100.00000000	PARAMOUNT RES.							
		Status		Acres	Net		Acres	Net
000793	PNG	CR	Eff: Sep 13, 1983	640.000	Total Rental:	896.00		Area : WILLESSEN GREEN
Sub: B	058309A280		Exp: Sep 12, 1988	640.000				TWP. 44, RGE. 9, W5M: SEC. 3
A			Ext: 95	320.000				(ALL P&NG TO BASE ROCK CREEK
	BUMPER DEVELOPM							EXCL. NG
100.00000000	BUMPER DEVELOPM							IN ROCK CREEK)
		Status		Acres	Net		Acres	Net

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**BUMPER DEVELOPMENT CORP.
 Mineral Property Report**

File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000793	PNG CR	Eff: Sep 13, 1983	0.000	Total Rental:	0.00		Area : WILLESDEN GREEN
Sub: C	058309A280	Exp: Sep 12, 1988	0.000				TWP. 44, RGE. 9, W5M: SEC. 3
A		Ext: 95	0.000				NATURAL GAS ONLY IN ROCK CREEK ZONE
100.00000000	BUMPER DEVELOPM						
	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000793	PNG CR	Eff: Sep 13, 1983	640.000	Total Rental:	896.00		Area : WILLESDEN GREEN
Sub: A	058309A280	Exp: Sep 12, 1988	640.000				TWP. 44, RGE. 9, W5M: SEC. 10
A		Ext: 95	320.000				(ALL P & NG TO BASE BELLY RIVER
100.00000000	PENN WEST						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
001114	PNG CR	Eff: Sep 21, 1981	640.000	Total Rental:	896.00		Area : ROSE CREEK
Sub: A	058109B180	Exp: Sep 20, 1986	640.000				TWP. 45, RGE. 7, W5M: SEC. 8
A		Ext: 95	0.000				ALL PNG TO BASE BELLY RIVER GROUP
100.00000000	PENN WEST PTF						
100.00000000	PENN WEST PTF						
	Status		Acres	Net		Acres	Net
000659	PNG CR	Eff: Sep 21, 1981	640.000	Total Rental:	896.00		Area : ROSE CREEK
Sub: A	0581090180	Exp: Sep 20, 1986	640.000				TWP. 45, RGE. 7, W5M: SEC. 11
A		Ext: 95	344.000				ALL P & NG TO BASE VIKING
100.00000000	BUMPER DEVELOPM	Ext: Sep 21, 1986					
100.00000000	BUMPER DEVELOPM						

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BUMPER DEVELOPMENT CORP. Mineral Property Report

File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000659							
Sub: A	Status		Acres	Net		Acres	Net
000405	PNG	CR	Eff: Sep 17, 1982	640.000	Total Rental: 896.00		Area : ROSE CREEK
Sub: A	0582090147		Exp: Sep 16, 1987	640.000			TWP. 45, RGE. 7, W5M: SEC. 12
A			Ext: 95-A	388.000			(ALL PNG TO BASE VIKING IN
	BUMPER DEVELOPM						NW/4; TO BASE BELLY RIVER IN
100.00000000	BUMPER DEVELOPM						S/2;
	Status		Acres	Net		Acres	Net
000405	PNG	CR	Eff: Sep 17, 1982	160.000	Total Rental: 0.00		Area : ROSE CREEK
Sub: B	0582090147		Exp: Sep 16, 1987	160.000			TWP. 45, RGE. 7, W5M: NE/4 12
A			Ext: 95-A	92.000			(VIKING ZONE ONLY)
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM	Count Acreage = No					
	Status		Acres	Net		Acres	Net
000543	PNG	CR	Eff: Sep 10, 1980	640.000	Total Rental: 896.00		Area : ALDER FLATS
Sub: A	0580090217		Exp: Sep 09, 1985	640.000			TWP. 45, RGE. 7, W5M: SEC. 13
A			Ext: 95-1	115.000			ALL P&NG TO BASE MANNVILLE
	BUMPER DEVELOPM						EXCLUDING LEA PARK IN N-1/2
100.00000000	GREAT PLAINS EX						
	Status		Acres	Net		Acres	Net

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BUMPER DEVELOPMENT CORP. Mineral Property Report

File Number	Lse Type	Lessor Type	Exposure	Oper.Cont.	ROFR	DOI Code	
File Status	Lease-No/Name		Gross				
Mineral Int	Operator / Payor		Net	Doi Partner(s)	*	*	Lease Description / Rights Held
000543	PNG	CR	Eff: Sep 10, 1980	0.000	Total Rental:	0.00	Area : ALDER FLATS
Sub: E	0580090217		Exp: Sep 09, 1985	0.000			TWP. 45, RGE. 7, W5M: N/2 13;
A			Ext: 95-1	0.000			NE/4 14
100.00000000	BUMPER DEVELOPM						LEA PARK ZONE ONLY
	GREAT PLAINS EX						
	Status		Acres	Net		Acres	Net
000543	PNG	CR	Eff: Sep 10, 1980	320.000	Total Rental:	448.00	Area : ALDER FLATS
Sub: C	0580090217		Exp: Sep 09, 1985	320.000			TWP. 45, RGE. 7, W5M: E/2 14
A			Ext: 95-1	57.500			ALL PNG TO BASE OF VIKING
100.00000000	BUMPER DEVELOPM						EXCLUDING LEA PARK IN NE/4
	GREAT PLAINS EX						
	Status		Acres	Net		Acres	Net
000543	PNG	CR	Eff: Sep 10, 1980	320.000	Total Rental:	448.00	Area : ALDER FLATS
Sub: D	0580090217		Exp: Sep 09, 1985	320.000			TWP. 45, RGE. 7, W5M: W/2 14
A			Ext: 95-1	115.000			ALL PNG TO BASE OF VIKING
100.00000000	BUMPER DEVELOPM						
	GREAT PLAINS EX						
	Status		Acres	Net		Acres	Net
000543	PNG	CR	Eff: Sep 10, 1980	640.000	Total Rental:	896.00	Area : ALDER FLATS
Sub: B	0580090217		Exp: Sep 09, 1985	640.000			TWP. 45, RGE. 7, W5M: SEC. 15
A			Ext: 95-1	331.200			ALL P&NG TO BASE COLONY
100.00000000	BUMPER DEVELOPM						
	GREAT PLAINS EX						

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**BUMPER DEVELOPMENT CORP.
 Mineral Property Report**

File Number	File Status	Mineral Int	Lse Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper. Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	Doi Partner(s)	*	*	
(cont'd)											
000543	Sub: B		Status				Acres	Net		Acres	Net
000474	Sub: A		PNG	CR	Eff: Jan 18, 1979	0579010075	160.000	Total Rental:	0.00		Area : ALDER FLATS
	A				Exp: Jan 17, 1984		160.000				TWP. 45, RGE. 8, W5M: SW/4 20
					Ext: 99-1A		80.000				(CARDIUM ZONE ONLY)
100.00000000			BUMPER DEVELOPM PARAMOUNT RES.								
			Status				Acres	Net		Acres	Net
000524	Sub: A		PNG	CR	Eff: Jul 30, 1985	0585070359	640.000	Total Rental:	896.00		Area : CARNWOOD
	A				Exp: Jul 29, 1990		640.000				TWP. 46, RGE. 5, W5M: SEC. 35
					Ext: 95-D		0.000				(ALL PNG TO BASE BANFF)
100.00000000			NORTHROCK RES. NORTHROCK RES.								
			Status				Acres	Net		Acres	Net
000298	Sub: A		PNG	CR	Eff: Oct 25, 1979	0579100171	640.000	Total Rental:	896.00		Area : ALDER FLATS
	A				Exp: Oct 24, 1984		640.000				TWP. 46, RGE. 7, W5M: SEC. 2
					Ext: 99-1		640.000				(ALL PNG TO BASE CARDIUM)
100.00000000			BUMPER DEVELOPM BUMPER DEVELOPM								
			Status				Acres	Net		Acres	Net

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BUMPER DEVELOPMENT CORP.
Mineral Property Report

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File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
000294	PNG CR	Eff: Jan 18, 1979	640.000	Total Rental:	896.00		Area : ALDER FLATS
Sub: A	0579010077	Exp: Jan 17, 1984	640.000				TWP. 46, RGE. 7, W5M: SEC. 3
A		Ext: 99-1A	640.000				ALL P&NG TO BASE CARDIUM
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000299	PNG CR	Eff: Oct 25, 1979	640.000	Total Rental:	896.00		Area : ALDER FLATS
Sub: A	.05790100172	Exp: Oct 24, 1984	640.000				TWP. 46, RGE. 7, W5M: SEC. 4
A		Ext: 99-1	640.000				(ALL P&NG TO BASE CARDIUM)
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000295	PNG CR	Eff: Jan 18, 1979	160.000	Total Rental:	224.00		Area : ALDER FLATS
Sub: A	0579010078	Exp: Jan 17, 1984	160.000				TWP. 46, RGE. 7, W5M: SW/4 10
A		Ext: 99-1A	160.000				(ALL P&NG TO BASE OF CARDIUM)
	BUMPER DEVELOPM						
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000312	PNG CR	Eff: Jun 18, 1982	640.000	Total Rental:	896.00		Area : CARNWOOD
Sub: A	0482060154	Exp: Jun 17, 1987	640.000				TWP. 47, RGE. 4, W5M: SEC. 30
A		Ext: 95-A	0.000				(ALL P & NG TO BASE VIKING)
	CONOCOPHIL WEST						
100.00000000	BUMPER DEVELOPM						

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BUMPER DEVELOPMENT CORP. Mineral Property Report

File Number	File Status	Mineral Int	Lease Type	Lessor Type	Lease No/Name	Operator / Payor	Exposure Gross	Oper.Cont.	ROFR	DOI Code	Lease Description / Rights Held
							Net	DOI Partner(s)	*	*	
(cont'd)											
000312	Sub: A		Status				Acres	Net		Acres	Net
000526	Sub: A		PNG	CR	0585070361	CONOCOPHIL WEST	640.000	Total Rental:	896.00		Area : CARNWOOD
	A				Exp: Jul 29, 1990	CONOCOPHIL WEST	640.000				TWP. 47, RGE. 5, W5M: SEC. 24
					Ext: 95		0.000				(ALL PNG TO THE BASE VIKING
100.00000000			Status				Acres	Net		Acres	Net
000341	Sub: A		PNG	CR	28692	BUMPER DEVELOPM	160.000	Total Rental:	224.00		Area : PEMBINA KEYSTONE CARDIUM UNIT
	A				Exp: Jul 05, 1982	BUMPER DEVELOPM	160.000				TWP. 48, RGE. 4, W5M: SE/4 13
					Ext: 99-A		160.000				P&NG TO BASE CARDIUM ZONE
100.00000000			Status				Acres	Net		Acres	Net
000765	Sub: A		PNG	CR	0588040497	BUMPER DEVELOPM	640.000	Total Rental:	896.00		Area : MODESTE CREEK
	A				Exp: Apr 18, 1993	BUMPER DEVELOPM	640.000				TWP. 48, RGE. 5, W5M: SEC. 2
							160.000				ALL P&NG BELOW BASE OF CARDIUM-
100.00000000			Status				Acres	Net		Acres	Net
											TO BASE MANNVILLE

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**BUMPER DEVELOPMENT CORP.
Mineral Property Report**

File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
(cont'd)							
000908							
Sub: A	Status		Acres	Net		Acres	Net
000909	PNG	CR	Eff: Feb 06, 1990	640.000	Total Rental: 896.00		Area : MODESTE CREEK
Sub: C	0590020429		Exp: Feb 05, 1995	640.000			TWP. 49, RGE. 6, W6M: SEC. 12
A			Ext: 95	32.000			PNG BELOW BASE CARDIUM TO BASE
	SHININGBANK ENE						JURASSIC - NORDEGG
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net
000997	PNG	CR	Eff: Jun 30, 1992	640.000	Total Rental: 896.00		Area : KSITUAN RIVER
Sub: A	0592060303		Exp: Jun 29, 1997	640.000			TWP. 81, RGE. 5, W6M: SEC. 5
A			Ext: 95	426.624			ALL P & NG TO BASE WABAMUN
	BUMPER DEVELOPM	Ext: Jun 30, 1997					
100.00000000	BUMPER DEVELOPM						
	Status		Acres	Net		Acres	Net

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**BUMPER DEVELOPMENT CORP.
Mineral Property Report**

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

Report Total:	Total Gross:	313,615.053	Total Net:	111,723.010
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**BUMPER DEVELOPMENT CORP.
Mineral Property Report**

File Number	Lease Type	Lessor Type	Exposure	Oper. Cont.	ROFR	DOI Code	
File Status	Lease No/Name		Gross				
Mineral Int	Operator / Payor		Net	DOI Partner(s)	*	*	Lease Description / Rights Held
001175	PNG ST	Eff: Jun 01, 1948	1,240.000	Total Rental:	1240.00		Area : KENAI-PINE MOUNTAIN
Sub: A	WYE-024209	Exp: May 31, 1953	1,240.000				(T.12 N., R. 103 W, 6TH P.M.:
A		Ext: HBP	171.003				S/2SW/4 SEC. 2; S/2SE/4 SEC.
	KAISER FRANCIS						3; E/2SE/4. SE/4NE/4 SEC. 9;
100.00000000	KAISER FRANCIS						ALL SEC. 10; W/2 SEC. 11;)
							(ALL PNG)
	Status		Acres.	Net		Acres	Net
001176	PNG ST	Eff: Jun 01, 1948	280.000	Total Rental:	280.00		Area : KENAI-PINE MOUNTAIN
Sub: A	WYE-024209-B	Exp: May 31, 1953	280.000				(T.12 N., R. 103 W, 6TH P.M.:
A		Ext: HBP	38.614				SE/4 SEC. 2; W/2NE/4, NW/4SE/4
	KAISER FRANCIS	Ext: Oct 10, 1980					SEC. 11)
100.00000000	KAISER FRANCIS						(ALL PNG)
	Status		Acres	Net		Acres	Net

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

Report Total:	Total Gross:	1,520.000	Total Net:	209.617
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** End of Report **

**SCHEDULE "B" to Fixed and Floating Charge Debenture
made by BUMPER DEVELOPMENT CORPORATION LTD.**

in favour of BANK OF MONTREAL

dated December 15, 2006

Description of Tangibles and Lands

For the purposes of this Schedule "B", initial capitalized terms, unless otherwise defined herein, shall have the meanings provided in the Debenture to which the Schedule B is attached.

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