

### Base Information

<b>File Status:</b>	ACTIVE	<b>Status Date:</b>	JAN 12, 2021
<b>Admin Company:</b>	KNOWLEDGE ENERGY INC.		
<b>Contract Name:</b>	POOLING AGREEMENT		
<b>Contract Type:</b>	POOLING AGREEMENT		
<b>Effective Date:</b>	OCT 29, 2003	<b>Contract Date:</b>	OCT 29, 2003
<b>Prev Doc Number:</b>	C00224	<b>ROFR Applies:</b>	No
<b>Assignment Flag:</b>	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown <b>See Terms:</b> <input type="checkbox"/>		
<b>Segregation Flag:</b>	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Unknown		

### Terms

Occ	Term Type	Term Date
1	ORIGINAL PARTIES BURLINGTON RESOURCES CANADA LTD. DEVON ARL CORPORATION	
2	ORIGINAL LANDS PART I LANDS CROWN PNG LEASE 0500010603 TWP 81 RGE 12 W6M SEC 3 (ALL PNG) PRE-POOL INTEREST: BURLINGTON - 100%  PART II LANDS CROWN PNG LEASE 0500100221 TWP 81 RGE 12 W6M SEC 21 (ALL PNG) PRE-POOL INTEREST: DEVON - 100% *NOTE: 16-21-81-12 W6 WELL IS EXCLUDED FROM THIS AGMT.	
3	TERMS THE PARTIES AGREE TO POOL THEIR INTERESTS ON A CROSS-CONVEYED BASIS TO PROVIDE FOR OPERATIONS ON, MAINTENANCE AND DEVELOPMENT OF THE POOLED LANDS. RENTALS AND ROYALTIES PAID ON POOLED INTERESTS.	
4	SPECIAL NOTE SEC 21-81-12 W6M EXPIRED NOVEMBER 2005.	

### Operating Provisions

**Operating Type:** CAPL 1990

- 311 - Insurance:**  Alternate A  Alternate B  Not Applicable
- 604 - Marketing:**  Alternate A  Alternate B  Not Applicable
- 604 B - Marketing (Alternate B):**

<b>a) Petroleum</b>		
.00000000	% or \$ .00	/m3
<b>b) Natural Gas</b>		
.00000000	% or \$ .00	10(3)m3
<b>c) NGLs and others excl PNG and Sulphur</b>		
.00000000	% or \$ .00	/m3
<b>d) Sulphur</b>		
.00000000	% or \$ .00	/t

- 903 - Casing Point Election:**  Alternate A  Alternate B  Not Applicable
- 1007 - PENALTY:**
  - Development Well: 300.00000 %
  - Exploratory Well: 500.00000 %
- 1010 (a) (iv) - Title Preserving Well:**
  - 180 Days
- 2401 - Disposition of Interest:**  Alternate A  Alternate B  Not Applicable
- 2404 - Assignment:**  Alternate A  Alternate B  Not Applicable

**Remarks:**

**1004 - OP FOR INDEPENDANT OPERATIONS**  
DELETED AND REPLACED WITH CLAUSE 1004 FROM THE 1982 CAPL OP. PROCEDURE

**2404 - Assignment**  
DELETED AND REPLACED WITH 1993 ASSIGNMENT PROCEDURE

**311 - Insurance**  
ADDITON OF \$20,000,000.00 BLOWOUT INSURANCE

**GENERAL REMARK**  
CLAUSE 101 (A) DEFINITION OF ABANDONMENT HAS BEEN AMENDED  
CLAUSE 2805 (LAWS OF JURISDICTION) - REVISED

**Accounting Provisions**

**Accounting Type:** PASC 1996      **Effective Date:**      **Accounting Year:**

- 105- Operating Fund**      10.0000      %
- 110 - APPROVALS CLAUSE**      2      **Owners**      65.0000      %
- 112 - EXPENDITURE LIMITS**
  - a) not in excess of \$      25,000.00
  - c) not in excess of \$      50,000.00
- 202(b) - EMPLOYEE BENEFITS** 25.0000      % (Not to exceed)
- 213(b) - CAMP AND HOUSING**
  - Chargeable       Not Chargeable       Not Applicable
- 216 - WAREHOUSE HANDLING** 5.0000      %
- 406 - DISPOSITION**      50,000.00
- 221 - Allocation Options**

Allocation Type	Fixed \$/Month	Subject to 302(e)	Percent of Direct Cost	Other (Specify)	Not Applicable
204 - AUTOMOTIVE	.00	<input type="checkbox"/>			<input checked="" type="checkbox"/>
207(C) - PRODUCTION OFFICE	.00	<input type="checkbox"/>			<input checked="" type="checkbox"/>
212 - COMMUNICATIONS	.00	<input type="checkbox"/>			<input checked="" type="checkbox"/>
213(A) - CAMP	.00	<input type="checkbox"/>			<input checked="" type="checkbox"/>

# KNOWLEDGE ENERGY INC. CONTRACT ABSTRACT

**221 - Allocation Options**

Allocation Type	Fixed \$/Month	Subject to 302(e)	Percent of Direct Cost	Other (Specify)	Not Applicable
214 - MEASURE AND CONTROL	.00	<input type="checkbox"/>			<input checked="" type="checkbox"/>

**302 - Overhead**  Not Applicable

**Overhead Type:** A) EXPLORATION

**% of Cost or:**

1) 5.0000	% of first \$ 50,000.00		plus
2) 3.0000	% of next \$ 100,000.00		plus
3) 1.0000	% of cost exceeding 1 and 2		

**302 - Overhead**  Not Applicable

**Overhead Type:** B) DRILLING

**% of Cost or:**

1) 3.0000	% of first \$ 50,000.00		plus
2) 2.0000	% of next \$ 100,000.00		plus
3) 1.0000	% of cost exceeding 1 and 2		

**302 - Overhead**  Not Applicable

**Overhead Type:** C) CONSTRUCTION

**% of Cost or:**

1) 5.0000	% of first \$ 50,000.00		plus
2) 3.0000	% of next \$ 100,000.00		plus
3) 1.0000	% of cost exceeding 1 and 2		

**302 - Overhead**  Not Applicable

**Overhead Type:** D) SUBSEQUENT CONSTRUCTION

**% of Cost or:**

1) 5.0000	% of first \$ 50,000.00		plus
2) 3.0000	% of next \$ 100,000.00		plus
3) 1.0000	% of cost exceeding 1 and 2		

**Operations and Maintenance**  Not Applicable

- |            |                             |        |     |
|------------|-----------------------------|--------|-----|
| 1) 10.0000 | % cost of operation         | and/or | and |
| 2) 150.00  | \$ /producing well/month or |        |     |
| 3) .00     | \$ flat rate/month          |        |     |

**ADJUST RATES (2) and (3)**

- Apply    
  Not Apply    
  Not Applicable

**Remarks:**

**GENERAL REMARK**  
 CLAUSE 218 - AMENDED  
 CLAUSE 219(B) - DELETED

**Amendments (Base)**

Occ	Amendment Type	Date	Effective Date	Binding Date	DOI Links
1	NOTICE OF ASSIGNMENT	OCT 15, 2004	JAN 16, 2005	AUG 01, 2005	No
BURLINGTON RESOURCES CANADA LTD. ASSIGNS 50% OF THEIR INTEREST TO CYRIES ENERGY INC. IN THE FOLLOWING: TWP 81 RGE 12 W6M SEC 3 (PNG TO BASE HALFWAY)					

**KNOWLEDGE ENERGY INC.**  
**CONTRACT ABSTRACT**

Occ	Amendment Type	Date	Effective Date	Binding Date	DOI Links
2	NOTICE OF ASSIGNMENT DEVON ARL CORPORATION ASSIGNS ITS ENTIRE INTEREST TO BIRCHCLIFF ENERGY LTD.	MAR 29, 2005	JAN 01, 2005	AUG 01, 2005	No
3	NOTICE OF ASSIGNMENT BURLINGTON RESOURCES CANADA LTD. ASSIGNS ITS ENTIRE INTEREST TO BURLINGTON RESOURCES CANADA PARTNERSHIP	AUG 30, 2005	JUN 30, 2005	NOV 01, 2005	No
4	CHANGE OF OPERATOR BURLINGTON RESOURCES CANADA LTD. TO BURLINGTON RESOURCES CANADA PARTNERSHIP	SEP 01, 2005	JUN 03, 2005		No
5	NOTICE OF ASSIGNMENT BIRCHCLIFF ENERGY LTD. ASSIGNS A PORTION OF ITS INTEREST (NET 35%) IN THE FOLLOWING: TWP 81 RGE 12 W6M SEC 3 (PNG TO BASE HALFWAY)	OCT 04, 2005	OCT 26, 2004	JAN 01, 2006	No
6	NOTICE OF ASSIGNMENT CYRIES ENERGY INC. ASSIGNS A PORTION OF ITS INTEREST TO CANEX ENERGY INC. (NET 37.8175%) IN THE FOLLOWING: TWP 81 RGE 12 W6M SEC 3 (PNG TO BASE HALFWAY)	NOV 17, 2005	JAN 16, 2005	FEB 01, 2006	No
7	CHANGE OF OPERATOR BURLINGTON RESOURCES CANADA PARTNERSHIP TO CYRIES ENERGY INC.	MAR 07, 2006	OCT 14, 2005		No
8	AMALGAMATION CANEX ENERGY INC. TO 1245931 ALBERTA LTD.	MAY 30, 2006	MAY 30, 2006		No
9	NOTICE OF ASSIGNMENT 1245931 ALBERTA LTD. ASSIGNS ITS ENTIRE INTEREST TO CRESCENT POINT RESOURCES LIMITED PARTNERSHIP	MAY 30, 2006	MAY 30, 2006	SEP 01, 2006	No
10	NOTICE OF ASSIGNMENT CYRIES ENERGY INC. ASSIGNS ITS ENTIRE INTEREST TO ITERATION ENERGY (BY ITS MANAGING PARTNER ITERATION ENERGY LTD.)	MAY 01, 2008	MAY 01, 2008	DEC 01, 2008	No
11	CHANGE OF OPERATOR CYRIES ENERGY INC. TO ITERATION ENERGY (BY ITS MANAGING PARTNER ITERATION ENERGY LTD.)	MAY 01, 2008	MAY 01, 2008		No
12	NOTICE OF ASSIGNMENT CRESCENT POINT RESOURCES LIMITED PARTNERSHIP ASSIGNS ITS ENTIRE INTEREST TO CRESCENT POINT RESOURCES PARTNERSHIP	JUL 02, 2009	JUL 02, 2009	OCT 01, 2009	No
13	NOTICE OF ASSIGNMENT CRESCENT POINT RESOURCES PARTNERSHIP ASSIGNS ITS ENTIRE INTEREST TO SHININGSTAR ENERGY LTD.	JUN 15, 2012	JAN 01, 2012	JUL 01, 2012	No
14	NOTICE OF ASSIGNMENT ITERATION ENERGY ASSIGNS ITS ENTIRE INTEREST TO CHINOOK ENERGY INC.	JAN 31, 2014	DEC 31, 2013	FEB 01, 2014	No
15	CHANGE OF OPERATOR ITERATION ENERGY TO CHINOOK ENERGY INC. (AFFILIATE)	FEB 04, 2014	DEC 31, 2013		No
16	NOTICE OF ASSIGNMENT CHINOOK ENERGY INC. ASSIGNS ITS ENTIRE INTEREST TO TOURNAMENT EXPLORATION LTD.	SEP 19, 2016	MAY 01, 2016	NOV 01, 2016	No
17	CHANGE OF OPERATOR CHINOOK ENERGY INC. TO TOURNAMENT EXPLORATION LTD.	SEP 19, 2016	MAY 01, 2016		No
18	NAME CHANGE TOURNAMENT EXPLORATION LTD. TO CRAFT OIL LTD.	SEP 27, 2016	SEP 10, 2016		No

Occ	Amendment Type	Date	Effective Date	Binding Date	DOI Links
19	NOTICE OF ASSIGNMENT CRAFT OIL LTD. ASSIGNS ITS ENTIRE INTEREST TO MANITOK ENERGY INC.	DEC 12, 2016	OCT 01, 2016	FEB 01, 2017	No
20	CHANGE OF OPERATOR CRAFT OIL LTD. TO MANITOK ENERGY INC.	DEC 12, 2016	OCT 01, 2016		No
21	NOTICE OF ASSIGNMENT BIRCHCLIFF ENERGY LTD. ASSIGNS ITS ENTIRE INTEREST TO KNOWLEDGE ENERGY INC.	JUN 26, 2018	JUN 01, 2018	SEP 01, 2018	No
22	AMALGAMATION SHININGSTAR ENERGY LTD. TO LONGSHORE RESOURCES LTD.	NOV 01, 2018	NOV 01, 2018		No
23	AMENDMENT LONGSHORE LETTER ADVISING THAT AS MANITOK HAS BECOME A DISSOLVED ENTITY, WI HAS BEEN REVISED TO THE FOLLOWING: KNOWLEDGE - 28.742515% LONGSHORE - 71.257485%	NOV 03, 2020	JAN 02, 2020		No

**AMI/AOE****Name Cross Reference****Overriding Royalty****Farmout Royalty****Remarks (Base)**

Occ	RemarkType	Remark Date
1	GENERAL REMARK ACQUIRED FROM BIRCHCLIFF ENERGY LTD. PURSUANT TO A P&S AGREEMENT DATED JUNE 12, 2018 (SEE C0093)	

**Obligations (Base)****Original Party****Current Parties**

000001	KNOWLEDGE	KNOWLEDGE ENERGY INC.
LONRES	LONGSHORE RESOU	LONGSHORE RESOURCES LTD.
MANITO	MANITOK ENERGY	MANITOK ENERGY INC.

**Subs**

A	- ACTIVE	BONANZA	BONANZA
		TWP 81 RGE 12 W6M SEC 3	
		ALL PNG FROM TOP SURFACE TO BASE HALFWAY	

**Related Files****Related Contracts****Related AMI/AOE****Related Units****Related Tracts****Related Mineral****Related Surface****Related Road Use****Related Easement****Related Wells****Related Service****Related Facility**

**KNOWLEDGE ENERGY INC.  
CONTRACT ABSTRACT**

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related Facility

Related Facilities

Related Pipelines

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### Sub Information

**Sub File Status:** ACTIVE **Status Date:** JAN 12, 2021  
**Reason for Sub:**  
**Division:** NOT APPLICABLE  
**Area:** BONANZA - BONANZA (AB)  
**Operator:** MANITOK ENERGY  
**Cost Centre:**

### Land Description

#### Land Description

TWP 81 RGE 12 W6M SEC 3

#### Rights Held

ALL PNG FROM TOP SURFACE TO BASE HALFWAY

### DOI

#### TWC - TEST WELL COSTS

**Effective Date:** Jan 12, 2021 **DOI Id:** 2111

Partner	Short Name / Penalty Well	Trustee Name	Percent	Partner Type / Dev	Exp Payout date
000001	KNOWLEDGE		15.00000000		
LONRES	LONGSHORE RESOU		37.18750000		
MANITO	MANITOK ENERGY		47.81250000		
<b>Comment:</b> PRIOR BILLING INTEREST			100.00000000		

#### WI - WORKING INTEREST

**Effective Date:** Oct 29, 2020 **DOI Id:** 2059

Partner	Short Name / Penalty Well	Trustee Name	Percent	Partner Type / Dev	Exp Payout date
000001	KNOWLEDGE		28.74251500		
MANITO	MANITOK ENERGY		0.00000000	RECEIVERSHIP	
LONRES	LONGSHORE RESOU		71.25748500		
<b>Comment:</b> CURRENT INT UNTIL MANITOK IS RE-INSTATED			100.00000000		

### Royalty

#### Amendments (Sub)

#### Obligations (Sub)

#### Remarks (Sub)

Occ	Remark Type	Remark Date
1	GENERAL REMARK	JAN 12, 2021
OPERATOR WILL REMAIN AS MANITOK UNTIL SUCH TIME AS MANITOK IS RE-INSTATED OR LONGSHORE ADVISES DIFFERENTLY		

### Related Files

#### Related Mineral

Mineral File No	File Status	Lease Type	Lessor Type	Lease No	Lease Date	Effective Date
M0148	A ACTIVE	PNG	CR	0500010603	Jan 27, 2000	Jan 27, 2000
<b>Related:</b>	OPERATING			<b>Mineral Interest:</b>	100.00000000	
<b>Comments:</b>	MANITOK/LONGSHORE					

#### Related Wells

UWI	File Status	Type	Well Status	Status Date	Spud Date	Rig RIs Date
<b>Number of Wells: 1</b>						
100/15-03-081-12-W6/00	ACTIVE	GAS	SUSPENDED	May 25, 2019	Jan 05, 2005	Jan 16, 2005
<b>Well No:</b> 000136	<b>Name:</b> MNK PCOUPE 15-3-81-12					<b>Penalty:</b> N
<b>Licensee:</b> MANITOK ENERGY	<b>Surface Loc:</b> 15-03-081-12 W6M					
<b>Total Depth:</b> 1670 M	<b>Prod Zone:</b> HALFWAY					
<b>Completion Date:</b> Feb 25, 2005	<b>Acct Proj No:</b>					
<b>Relationship:</b> OPERATING						
<b>Comments:</b> MANITOK/LONGSHORE						

**Related Surface****Related Road Use****Related Easement****Related Contracts**

Contract File No	File Status	Contract Type	Contract Date	Effective Date
C0093	ACTIVE	P&S	Jun 12, 2018	Jun 01, 2018

Related:

Comments:

**Related AMI/AOE****Related Units****Related Tracts****Related Service****Related Facility****Related Facilities****Related Pipelines**