

**CIRCUM-ARCTIC RESOURCE ASSESSMENT  
GEOLOGIC DATA FORM FOR CONVENTIONAL ASSESSMENT UNITS (Version 5.1, June 4, 2007)**

**IDENTIFICATION INFORMATION**

Assessment Geologist:	<u>D.L. Gautier</u>	Date:	<u>3-Aug-07</u>
Region:	<u>North America</u>	Number:	<u>5</u>
Province:	<u>East Greenland Rift Basins</u>	Number:	<u>5200</u>
Total Petroleum System:	<u>Pre-Upper Jurassic Composite</u>	Number:	<u>520003</u>
Assessment Unit:	<u>Jameson Land Basin</u>	Number:	<u>52000301</u>
Scenario:	<u></u>	Number:	<u></u>
Based on Data as of:	<u></u>		
Notes from Assessor:	<u>Not quantitatively assessed</u>		

**CHARACTERISTICS OF ASSESSMENT UNIT**

Area of assessment unit: 48,451 square kilometers

Minimum assessed accumulation size: 50 mmboe (grown)

No. of discovered accumulations exceeding minimum size: Oil: 0 Gas: 0

<b>Uncertainty Class:</b>	Check One	Number
Producing fields	<u></u>	<u></u>
Discoveries	<u></u>	<u></u>
Wells	<u>X</u>	<u>Several</u>
Seismic	<u></u>	<u></u>
No seismic	<u></u>	<u></u>

Median size (grown) of discovered oil accumulations (mmbo):

1st 3rd  2nd 3rd  3rd 3rd

Median size (grown) of discovered gas accumulations (bcfg):

1st 3rd  2nd 3rd  3rd 3rd

**ANALOGS USED IN ESTIMATING INPUT**

<u>Purpose</u>	<u>Analog or Analog Set</u>
1 <u>Number</u>	<u>Carbonate platforms; and rift/sag basins</u>
2 <u>Sizes</u>	<u>Carbonate platforms; and rift/sag basins</u>
3 <u>Coproducts</u>	<u>Tertiary Lacustrine (31270101, 72030301)</u>
4 <u></u>	<u></u>

Assessment Unit (name, no.)  
Scenario (name, no.)

Jameson Land Basin, 52000301

Probability of occurrence (0-1.0)

Scenario Probability:

Assessment-Unit Probabilities: (Adequacy for at least one undiscovered field of minimum size)

Attribute	Probability of occurrence (0-1.0)
1. <b>CHARGE:</b> Adequate petroleum charge:	0.3
2. <b>ROCKS:</b> Adequate reservoirs, traps, and seals:	0.8
3. <b>TIMING OF GEOLOGIC EVENTS:</b> Favorable timing:	0.3
<b>Assessment-Unit GEOLOGIC Probability</b> (Product of 1, 2, and 3):	0.072

### UNDISCOVERED ACCUMULATIONS

**Number of Undiscovered Accumulations:** How many undiscovered accumulations exist that are at least the minimum size?: (uncertainty of fixed but unknown values)

Total Accumulations: minimum (>0) \_\_\_\_\_ median \_\_\_\_\_ maximum \_\_\_\_\_

Oil/Gas Mix: minimum (>0) \_\_\_\_\_ mode \_\_\_\_\_ maximum \_\_\_\_\_  
# of oil accumulations / # of total accumulations  
# of oil accumulations / # of gas accumulations  
# of gas accumulations / # of oil accumulations

Oil Accumulations: minimum (>0) \_\_\_\_\_ median \_\_\_\_\_ maximum \_\_\_\_\_  
Gas Accumulations: minimum (>0) \_\_\_\_\_ median \_\_\_\_\_ maximum \_\_\_\_\_

**Sizes of Undiscovered Accumulations:** What are the sizes (**grown**) of the above accumulations?: (variations in the sizes of undiscovered accumulations)

Oil in Oil Accumulations (mmb): minimum \_\_\_\_\_ median \_\_\_\_\_ maximum \_\_\_\_\_  
Gas in Gas Accumulations (bcfg): minimum \_\_\_\_\_ median \_\_\_\_\_ maximum \_\_\_\_\_

### RATIOS FOR UNDISCOVERED ACCUMULATIONS, TO ASSESS COPRODUCTS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum	median	maximum
Gas/oil ratio (cfg/bo):	_____	_____	_____
NGL/gas ratio (bnl/mmcfg):	_____	_____	_____
<u>Gas Accumulations:</u>	minimum	median	maximum
Liquids/gas ratio (bliq/mmcfg):	_____	_____	_____

Assessment Unit (name, no.)  
Scenario (name, no.)

Jameson Land Basin, 52000301

---

---

**SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS**  
(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum		median		maximum
API gravity (degrees):	_____		_____		_____
Viscosity (centipoise)	_____		_____		_____
Sulfur content of oil (%):	_____		_____		_____
Depth (m) of water (if applicable):	_____		_____		_____
Drilling Depth (m):	minimum	F75	median	F25	maximum

---

<u>Gas Accumulations:</u>	minimum		median		maximum
Inert gas content (%):	_____		_____		_____
Carbon dioxide content (%):	_____		_____		_____
Hydrogen sulfide content (%):	_____		_____		_____
Depth (m) of water (if applicable):	_____		_____		_____
Drilling Depth (m):	minimum	F75	median	F25	maximum

---

Assessment Unit (name, no.)  
Scenario (name, no.)

Jameson Land Basin, 52000301

---

---

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ARCTIC AREA**

1 North of Arctic Circle

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

2 South of Arctic Circle

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

Assessment Unit (name, no.)  
Scenario (name, no.)

Jameson Land Basin, 52000301

---

---

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES**

1 Offshore

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

2 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

3 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

4 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

5 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU

6 Onshore portion of:

\_\_\_\_\_ area % of the AU

Oil in Oil Accumulations: \_\_\_\_\_ volume % of the AU

Gas in Gas Accumulations: \_\_\_\_\_ volume % of the AU