

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

Barbados Accretionary Prism, 61070102

Probability of occurrence (0-1.0)

Scenario Probability:

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

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

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) <u> </u>	median <u> </u>	maximum <u> </u>
Oil/Gas Mix:	minimum <u> </u>	mode <u> </u>	maximum <u> </u>
	<u> </u> number of oil accumulations / number of total accumulations		
	<u> </u> number of oil accumulations / number of gas accumulations		
	<u> </u> number of gas accumulations / number of oil accumulations		
Oil Accumulations:	minimum <u> 1 </u>	median <u> 4 </u>	maximum <u> 20 </u>
Gas Accumulations:	minimum <u> 1 </u>	median <u> 40 </u>	maximum <u> 200 </u>

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

Oil in Oil Accumulations (MMBO):	minimum <u> 5 </u>	median <u> 12 </u>	maximum <u> 1500 </u>
Gas in Gas Accumulations (BCFG):	minimum <u> 30 </u>	median <u> 72 </u>	maximum <u> 10000 </u>

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):	<u> 400 </u>	<u> 1500 </u>	<u> 18000 </u>
NGL/gas ratio (BNGL/MMCFG):	<u> 10 </u>	<u> 36 </u>	<u> 84 </u>
 <u>Gas Accumulations:</u>	 minimum	 median	 maximum
Liquids/gas ratio (BLIQ/MMCFG):	<u> 1 </u>	<u> 20 </u>	<u> 120 </u>

SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS

(variations in the properties of undiscovered accumulations)

<u>Oil Accumulations:</u>	minimum	median	maximum
API gravity (degrees):	<u>15</u>	<u>30</u>	<u>55</u>
Viscosity (centipoise)	<u>60</u>	<u>80</u>	<u>120</u>
Sulfur content of oil (%):	<u>0.5</u>	<u>2</u>	<u>6</u>
Depth (m) of water (if applicable):	<u>0</u>	<u>100</u>	<u>1000</u>

	minimum	F75	median	F25	maximum
Drilling Depth (m):	<u>500</u>		<u>2500</u>		<u>5000</u>

<u>Gas Accumulations:</u>	minimum	median	maximum
Inert gas content (%):	<u>0</u>	<u>0.5</u>	<u>5</u>
Carbon dioxide content (%):	<u>0</u>	<u>0.1</u>	<u>1</u>
Hydrogen sulfide content (%):	<u>0.01</u>	<u>0.1</u>	<u>0.5</u>
Depth (m) of water (if applicable):	<u>10</u>	<u>500</u>	<u>1000</u>

	minimum	F75	median	F25	maximum
Drilling Depth (m):	<u>1000</u>		<u>3000</u>		<u>5000</u>

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

Barbados Accretionary Prism, 61070102

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore

99.63 area % of the AU

Oil in Oil Accumulations: 99.00 volume % of the AU

Gas in Gas Accumulations: 99.00 volume % of the AU

2 Onshore portion of:

Barbados

0.37 area % of the AU

Oil in Oil Accumulations: 1.00 volume % of the AU

Gas in Gas Accumulations: 1.00 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

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

Barbados Accretionary Prism, 61070102

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

1 ONSHORE portion of: Lesser Antilles Deformed Belt, 6107

0.37 area % of the AU

Oil in Oil Accumulations: 1.00 volume % of the AU

Gas in Gas Accumulations: 1.00 volume % of the AU

OFFSHORE portion of: Lesser Antilles Deformed Belt, 6107

99.63 area % of the AU

Oil in Oil Accumulations: 99.00 volume % of the AU

Gas in Gas Accumulations: 99.00 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

OFFSHORE 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

OFFSHORE portion of: _____

_____ area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: _____ volume % of the AU

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

4 ONSHORE portion of: _____
_____ area % of the AU
Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU

OFFSHORE 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

OFFSHORE 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

OFFSHORE portion of: _____
_____ area % of the AU
Oil in Oil Accumulations: _____ volume % of the AU
Gas in Gas Accumulations: _____ volume % of the AU