



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

Mesozoic-Cenozoic Reservoirs, 73430101

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. <b>CHARGE:</b> Adequate petroleum charge:	<u>1.0</u>
2. <b>ROCKS:</b> Adequate reservoirs, traps, and seals:	<u>1.0</u>
3. <b>TIMING OF GEOLOGIC EVENTS:</b> Favorable timing:	<u>1.0</u>
<b>Assessment-Unit GEOLOGIC Probability</b> (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>   250   </u>	maximum <u>   625   </u>
Gas Accumulations:	minimum <u>    1    </u>	median <u>   590   </u>	maximum <u>  1475  </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>    15   </u>	maximum <u>  2000  </u>
Gas in Gas Accumulations (BCFG):	minimum <u>   30   </u>	median <u>    90   </u>	maximum <u> 12000  </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>   100   </u>	<u>  1100  </u>	<u> 10000  </u>
NGL/gas ratio (BNGL/MMCFG):	<u>    5    </u>	<u>    25   </u>	<u>    85   </u>
 <u>Gas Accumulations:</u>	 minimum	 median	 maximum
Liquids/gas ratio (BLIQ/MMCFG):	<u>    3    </u>	<u>    30   </u>	<u>    75   </u>

**SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS**

(variations in the properties of undiscovered accumulations)

Oil Accumulations:

	minimum	median	maximum
API gravity (degrees):	<u>20</u>	<u>40</u>	<u>55</u>
Viscosity (centipoise)	<u></u>	<u></u>	<u></u>
Sulfur content of oil (%):	<u>0</u>	<u>0.3</u>	<u>1.5</u>
Depth (m) of water (if applicable):	<u>0</u>	<u>1500</u>	<u>3000</u>

	minimum	F75	median	F25	maximum
Drilling Depth (m):	<u>1000</u>		<u>3500</u>		<u>6000</u>

Gas Accumulations:

	minimum	median	maximum
Inert gas content (%):	<u>0</u>	<u>2</u>	<u>10</u>
Carbon dioxide content (%):	<u>0</u>	<u>2</u>	<u>10</u>
Hydrogen sulfide content (%):	<u>0</u>	<u>1</u>	<u>4</u>
Depth (m) of water (if applicable):	<u>0</u>	<u>1500</u>	<u>3000</u>

	minimum	F75	median	F25	maximum
Drilling Depth (m):	<u>1000</u>		<u>4000</u>		<u>8000</u>

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

1 Offshore

73.69 area % of the AU

Oil in Oil Accumulations: 75.00 volume % of the AU

Gas in Gas Accumulations: 75.00 volume % of the AU

2 Onshore portion of:

Mozambique

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26.31 area % of the AU

Oil in Oil Accumulations: 25.00 volume % of the AU

Gas in Gas Accumulations: 25.00 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

**ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES**

1 ONSHORE portion of: Mozambique Coastal, 7343

20.89 area % of the AU

Oil in Oil Accumulations: 20.00 volume % of the AU  
Gas in Gas Accumulations: 20.00 volume % of the AU

OFFSHORE portion of: Mozambique Coastal, 7343

35.43 area % of the AU

Oil in Oil Accumulations: 36.00 volume % of the AU  
Gas in Gas Accumulations: 36.00 volume % of the AU

2 ONSHORE portion of: Tanzania Coastal, 7273

5.42 area % of the AU

Oil in Oil Accumulations: 5.00 volume % of the AU  
Gas in Gas Accumulations: 5.00 volume % of the AU

OFFSHORE portion of: Tanzania Coastal, 7273

6.72 area % of the AU

Oil in Oil Accumulations: 7.00 volume % of the AU  
Gas in Gas Accumulations: 7.00 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

OFFSHORE portion of: Ocean, 9000

31.55 area % of the AU

Oil in Oil Accumulations: 32.00 volume % of the AU  
Gas in Gas Accumulations: 32.00 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