

Assessment Unit (name, no.) Main Basin Platform, 10080102
 Scenario (name, no.) _____

Scenario Probability: Probability of occurrence (0-1.0) _____

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>1</u>	median <u>33</u>	maximum <u>80</u>
Oil/Gas Mix:	minimum (>0) <u>50</u>	mode <u>85</u>	maximum <u>90</u>
	X <u>no. of oil accumulations / no. of total accumulations</u>		
	<u>no. of oil accumulations / no. of gas accumulations</u>		
	<u>no. of gas accumulations / no. of oil accumulations</u>		
Oil Accumulations:	minimum (>0) <u>1</u>	median <u>25</u>	maximum <u>72</u>
Gas Accumulations:	minimum (>0) <u>0</u>	median <u>8</u>	maximum <u>40</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>50</u>	median <u>80</u>	maximum <u>2,000</u>
Gas in Gas Accumulations (BCFG):	minimum <u>300</u>	median <u>480</u>	maximum <u>6,000</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>500</u>	<u>1,000</u>	<u>12,000</u>
NGL/gas ratio (BNGL/MMCFG):	<u>5</u>	<u>20</u>	<u>110</u>
<u>Gas Accumulations:</u>	minimum	median	maximum
Liquids/gas ratio (BLIQ/MMCFG):	<u>5</u>	<u>20</u>	<u>80</u>

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

<u>Oil Accumulations:</u>	minimum		median		maximum
API gravity (degrees):	<u>20</u>		<u>35</u>		<u>55</u>
Viscosity (centipoise)	<u>0.01</u>		<u>22</u>		<u>30</u>
Sulfur content of oil (%):	<u>0.1</u>		<u>0.7</u>		<u>2</u>
Depth (m) of water (if applicable):	<u>0</u>		<u>10</u>		<u>30</u>
	minimum	F75	median	F25	maximum
Drilling depth (m):	<u>1,200</u>		<u>2,500</u>		<u>4,500</u>

<u>Gas Accumulations:</u>	minimum		median		maximum
Inert gas content (%):	<u>0.5</u>		<u>3</u>		<u>8</u>
Carbon dioxide content (%):	<u>0.1</u>		<u>0.6</u>		<u>4</u>
Hydrogen sulfide content (%):	<u>0</u>		<u>0.05</u>		<u>0.2</u>
Depth (m) of water (if applicable):	<u>0</u>		<u>10</u>		<u>30</u>
	minimum	F75	median	F25	maximum
Drilling depth (m):	<u>1,200</u>		<u>3,000</u>		<u>4,500</u>

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ARCTIC AREA

1 North of Arctic Circle

50 area % of the AU

Oil in Oil Accumulations: 50 volume % of the AU
Gas in Gas Accumulations: 50 volume % of the AU

2 South of Arctic Circle

50 area % of the AU

Oil in Oil Accumulations: 50 volume % of the AU
Gas in Gas Accumulations: 50 volume % of the AU

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore

14 area % of the AU

Oil in Oil Accumulations: 14 volume % of the AU
Gas in Gas Accumulations: 14 volume % of the AU

2 Onshore portion of:

Russian Federation

86 area % of the AU

Oil in Oil Accumulations: 86 volume % of the AU
Gas in Gas Accumulations: 86 volume % of the AU

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

1 ONSHORE portion of:

None

_____ area % of the AU

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

OFFSHORE portion of:

None

_____ area % of the AU

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