

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

Turbidite, 36060102

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) _____ | median _____ | maximum _____ |
| Oil/Gas Mix: | minimum _____ | mode _____ | maximum _____ |
| | _____ number of oil accumulations / number of total accumulations | | |
| | _____ number of oil accumulations / number of gas accumulations | | |
| | _____ number of gas accumulations / number of oil accumulations | | |
| Oil Accumulations: | minimum <u>1</u> | median <u>12</u> | maximum <u>50</u> |
| Gas Accumulations: | minimum <u>1</u> | median <u>30</u> | maximum <u>120</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>2000</u> |
| Gas in Gas Accumulations (BCFG): | minimum <u>30</u> | median <u>72</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>1000</u> | <u>3000</u> | <u>10000</u> |
| NGL/gas ratio (BNGL/MMCFG): | <u>1</u> | <u>30</u> | <u>100</u> |
| <u>Gas Accumulations:</u> | minimum | median | maximum |
| Liquids/gas ratio (BLIQ/MMCFG): | <u>1</u> | <u>11</u> | <u>50</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>34</u> | <u>50</u> |
| Viscosity (centipoise) | <u> </u> | <u> </u> | <u> </u> |
| Sulfur content of oil (%): | <u>0.01</u> | <u>0.15</u> | <u>1</u> |
| Depth (m) of water (if applicable): | <u>100</u> | <u>600</u> | <u>3000</u> |

| | minimum | F75 | median | F25 | maximum |
|---------------------|-------------|-----|-------------|-----|-------------|
| Drilling Depth (m): | <u>1500</u> | | <u>2500</u> | | <u>4000</u> |

| <u>Gas Accumulations:</u> | minimum | median | maximum |
|-------------------------------------|-------------------|-------------------|-------------------|
| Inert gas content (%): | <u>0.01</u> | <u>0.4</u> | <u>1.5</u> |
| Carbon dioxide content (%): | <u>0.5</u> | <u>2</u> | <u>5</u> |
| Hydrogen sulfide content (%): | <u> </u> | <u> </u> | <u> </u> |
| Depth (m) of water (if applicable): | <u>100</u> | <u>600</u> | <u>3000</u> |

| | minimum | F75 | median | F25 | maximum |
|---------------------|-------------|-----|-------------|-----|-------------|
| Drilling Depth (m): | <u>1500</u> | | <u>3000</u> | | <u>5000</u> |

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore

100 area % of the AU

Oil in Oil Accumulations: 100 volume % of the AU

Gas in Gas Accumulations: 100 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

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ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO PROVINCES

1 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: Tarakan Basin, 3606
_____ area % of the AU
Oil in Oil Accumulations: 100 volume % of the AU
Gas in Gas Accumulations: 100 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

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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