

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

Upper Paleozoic Carbonates, 11500301

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. CHARGE: Adequate petroleum charge: | 1.0 |
| 2. ROCKS: Adequate reservoirs, traps, and seals: | 1.0 |
| 3. TIMING OF GEOLOGIC EVENTS: Favorable timing: | 1.0 |
| Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3): | 1.0 |

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 | median | maximum |
| Gas Accumulations: | minimum | 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 (MMBO): | 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 (BNGL/MMCFG): | | | |
| <u>Gas Accumulations:</u> | minimum | median | maximum |
| Liquids/gas ratio (BLIQ/MMCFG): | | | |

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): cs | _____ | | _____ | | _____ |
| 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 |
|---------------------|---------|-----|--------|-----|---------|
| | 3500 | | 5000 | | 6000 |

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO COUNTRIES

1 Offshore (does not include Aral Sea)

10.95 area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: 2.00 volume % of the AU

2 Onshore portion of:

Kazakhstan

55.99 area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: 13.00 volume % of the AU

3 Onshore portion of:

Uzbekistan

30.09 area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: 85.00 volume % of the AU

4 Onshore portion of:

Russia

2.97 area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: 0 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: North Ustyurt Basin, 1150

89.05 area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: 98.00 volume % of the AU

OFFSHORE portion of: North Ustyurt Basin, 1150

10.95 area % of the AU

Oil in Oil Accumulations: _____ volume % of the AU

Gas in Gas Accumulations: 2.00 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