



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

Sinjar Reservoirs, 20750101

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. <b>CHARGE:</b> Adequate petroleum charge:                          | 1.0                               |
| 2. <b>ROCKS:</b> Adequate reservoirs, traps, and seals:               | 1.0                               |
| 3. <b>TIMING OF GEOLOGIC EVENTS:</b> Favorable timing:                | 1.0                               |
| <b>Assessment-Unit GEOLOGIC Probability</b> (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 | _____ |
|                      |              | _____ |        |       |         | _____ |
|                      |              | _____ |        |       |         | _____ |
|                      |              | _____ |        |       |         | _____ |
| Oil Accumulations:   | minimum      | 1     | median | 32    | maximum | 64    |
| Gas Accumulations:   | minimum      | 1     | median | 18    | maximum | 32    |

**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 | 1 | median | 3  | maximum | 40  |
| Gas in Gas Accumulations (BCFG): | minimum | 6 | median | 18 | maximum | 100 |

### 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):         |         | 200   |        | 3500  |         | 10000 |
| NGL/gas ratio (BNGL/MMCFG):     |         | 2     |        | 50    |         | 100   |
| <u>Gas Accumulations:</u>       | minimum | _____ | median | _____ | maximum | _____ |
| Liquids/gas ratio (BLIQ/MMCFG): |         | 3     |        | 25    |         | 45    |

**SELECTED ANCILLARY DATA FOR UNDISCOVERED ACCUMULATIONS**

(variations in the properties of undiscovered accumulations)

Oil Accumulations:

|                                     | minimum | median | maximum |
|-------------------------------------|---------|--------|---------|
| API gravity (degrees):              | 15      | 24     | 45      |
| Viscosity (centipoise)              | 0.2     | 1.3    | 5       |
| Sulfur content of oil (%):          | 0       | 0.1    | 4       |
| Depth (m) of water (if applicable): |         |        |         |

|                     | minimum | F75 | median | F25 | maximum |
|---------------------|---------|-----|--------|-----|---------|
| Drilling Depth (m): | 1300    |     | 2500   |     | 4000    |

Gas Accumulations:

|                                     | minimum | median | maximum |
|-------------------------------------|---------|--------|---------|
| Inert gas content (%):              | 0       | 0.1    | 1       |
| Carbon dioxide content (%):         | 0       | 0.1    | 18      |
| Hydrogen sulfide content (%):       | 0       | 0.1    | 3       |
| Depth (m) of water (if applicable): |         |        |         |

|                     | minimum | F75 | median | F25 | maximum |
|---------------------|---------|-----|--------|-----|---------|
| Drilling Depth (m): | 1300    |     | 2500   |     | 4500    |

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

1 Offshore

0 area % of the AU

Oil in Oil Accumulations: 0 volume % of the AU

Gas in Gas Accumulations: 0 volume % of the AU

2 Onshore portion of:

Iraq

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27.55 area % of the AU

Oil in Oil Accumulations: 28.00 volume % of the AU

Gas in Gas Accumulations: 28.00 volume % of the AU

3 Onshore portion of:

Syria

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72.45 area % of the AU

Oil in Oil Accumulations: 72.00 volume % of the AU

Gas in Gas Accumulations: 72.00 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: Zagros Fold Belt, 2030

44.90 area % of the AU

Oil in Oil Accumulations: 45.00 volume % of the AU

Gas in Gas Accumulations: 45.00 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

2 ONSHORE portion of: Khleisha Uplift, 2074

12.02 area % of the AU

Oil in Oil Accumulations: 12.00 volume % of the AU

Gas in Gas Accumulations: 12.00 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: Euphrates/Mardin, 2075

43.08 area % of the AU

Oil in Oil Accumulations: 43.00 volume % of the AU

Gas in Gas Accumulations: 43.00 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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**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