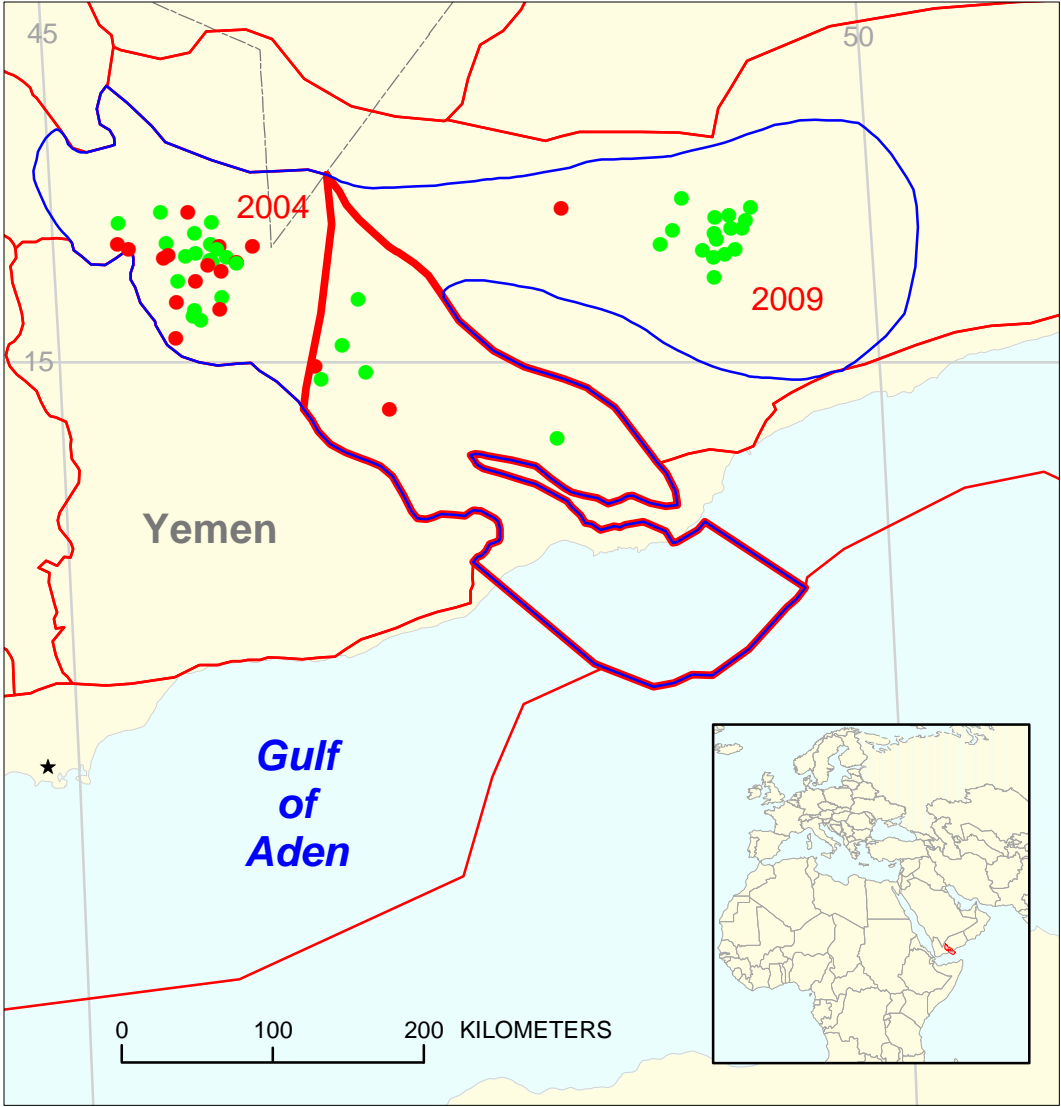


Shabwah Basin Geologic Province 2006



- Madbi Amran/Qishn Total Petroleum System 2004/01
- Shabwah Basin Geologic Province 2006
- Other geologic province boundary

Madbi Amran/Qishn
Total Petroleum System 2004/01

Shabwah Basin, Province 2006
Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

| Code and Field Type | MFS | Prob. (0-1) | Undiscovered Resources | | | | | | | | | | | |
|---------------------|-----|-------------|------------------------|-----|----|------|------------|-----|----|------|--------------|-----|----|------|
| | | | Oil (MMBO) | | | | Gas (BCFG) | | | | NGL (MMBNGL) | | | |
| | | | F95 | F50 | F5 | Mean | F95 | F50 | F5 | Mean | F95 | F50 | F5 | Mean |

2006 Total: Assessed onshore portions of Shabwah Basin Province

| | | | | | | | | | | | | | | |
|------------|--|------|-----|-----|-------|-----|-------|-------|-------|-------|----|-----|-----|-----|
| Oil Fields | | 1.00 | 244 | 635 | 1,105 | 651 | 906 | 2,463 | 4,787 | 2,605 | 50 | 144 | 308 | 157 |
| Gas Fields | | | | | | | 631 | 1,392 | 2,339 | 1,428 | 25 | 60 | 112 | 63 |
| Total | | 1.00 | 244 | 635 | 1,105 | 651 | 1,537 | 3,855 | 7,126 | 4,033 | 76 | 203 | 419 | 219 |

2006 Total: Assessed offshore portions of Shabwah Basin Province

| | | | | | | | | | | | | | | |
|------------|--|------|----|----|----|----|----|-----|-----|-----|---|----|----|----|
| Oil Fields | | 1.00 | 13 | 33 | 58 | 34 | 48 | 130 | 252 | 137 | 3 | 8 | 16 | 8 |
| Gas Fields | | | | | | | 33 | 73 | 123 | 75 | 1 | 3 | 6 | 3 |
| Total | | 1.00 | 13 | 33 | 58 | 34 | 81 | 203 | 375 | 212 | 4 | 11 | 22 | 12 |

2006 Grand Total: Assessed portions of Shabwah Basin Province

| | | | | | | | | | | | | | | |
|------------|--|------|-----|-----|-------|-----|-------|-------|-------|-------|----|-----|-----|-----|
| Oil Fields | | 1.00 | 257 | 668 | 1,163 | 685 | 954 | 2,592 | 5,039 | 2,743 | 53 | 151 | 324 | 165 |
| Gas Fields | | | | | | | 664 | 1,465 | 2,462 | 1,503 | 27 | 63 | 118 | 66 |
| Total | | 1.00 | 257 | 668 | 1,163 | 685 | 1,618 | 4,057 | 7,501 | 4,246 | 80 | 214 | 441 | 231 |

Shabwah Basin, Province 2006
Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

| Code and Field Type | MFS | Prob. (0-1) | Undiscovered Resources | | | | | | | | | | | |
|---------------------|-----|-------------|------------------------|-----|----|------|------------|-----|----|------|--------------|-----|----|------|
| | | | Oil (MMBO) | | | | Gas (BCFG) | | | | NGL (MMBNGL) | | | |
| | | | F95 | F50 | F5 | Mean | F95 | F50 | F5 | Mean | F95 | F50 | F5 | Mean |

200401 Madbi Amran/Qishn Total Petroleum System

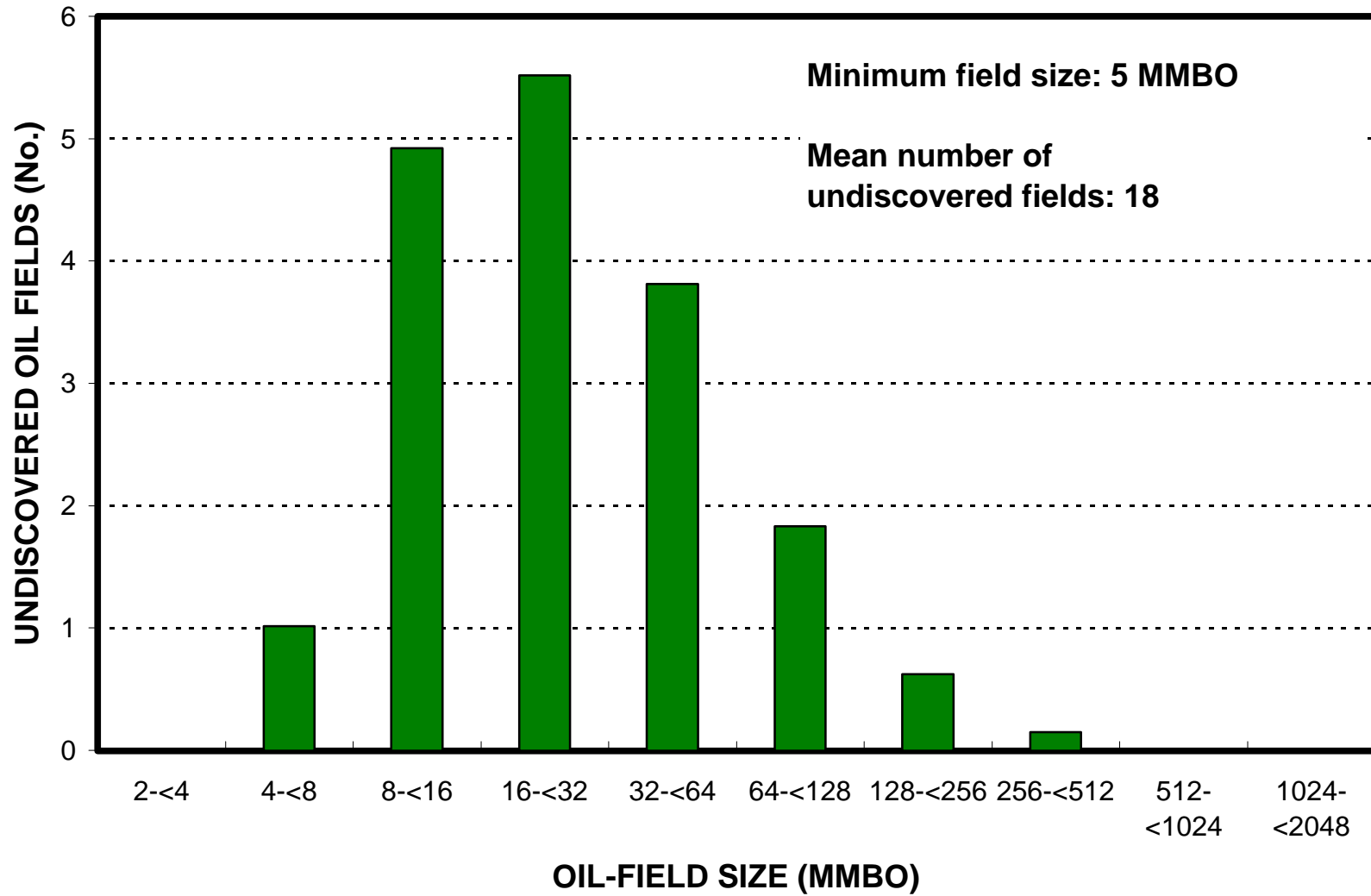
20040101 Ma'Rib-Al Jawf/Shabwah/Masila Assessment Unit (23.75% of undiscovered oil fields and 23.75% of undiscovered gas fields allocated to ONSHORE province 2006)

| | | | | | | | | | | | | | | |
|------------|----|------|-----|-----|-------|-----|-------|-------|-------|-------|----|-----|-----|-----|
| Oil Fields | 5 | 1.00 | 244 | 635 | 1,105 | 651 | 906 | 2,463 | 4,787 | 2,605 | 50 | 144 | 308 | 157 |
| Gas Fields | 30 | | | | | | 631 | 1,392 | 2,339 | 1,428 | 25 | 60 | 112 | 63 |
| Total | | 1.00 | 244 | 635 | 1,105 | 651 | 1,537 | 3,855 | 7,126 | 4,033 | 76 | 203 | 419 | 219 |

20040101 Ma'Rib-Al Jawf/Shabwah/Masila Assessment Unit (1.25% of undiscovered oil fields and 1.25% of undiscovered gas fields allocated to OFFSHORE province 2006)

| | | | | | | | | | | | | | | |
|------------|----|------|----|----|----|----|----|-----|-----|-----|---|----|----|----|
| Oil Fields | 5 | 1.00 | 13 | 33 | 58 | 34 | 48 | 130 | 252 | 137 | 3 | 8 | 16 | 8 |
| Gas Fields | 30 | | | | | | 33 | 73 | 123 | 75 | 1 | 3 | 6 | 3 |
| Total | | 1.00 | 13 | 33 | 58 | 34 | 81 | 203 | 375 | 212 | 4 | 11 | 22 | 12 |

Shabwah Basin, Province 2006 Undiscovered Field-Size Distribution



Shabwah Basin, Province 2006 Undiscovered Field-Size Distribution

