





Hail-Ga'ara Arch Geologic Province 2025



 Paleozoic
Qusaiba/Akkas/Abba/Mudawwara
Total Petroleum System 202301

-  Paleozoic Qusaiba/Akkas/Abba/Mudawwara Total Petroleum System 202301
-  Hail-Ga'ara Arch Geologic Province 2025
-  Other geologic province boundary

Hail-Ga'Ara Arch, Province 2025
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 |

2025 Total: Assessed onshore portions of Hail-Ga'Ara Arch Province

| | | | | | | | | | | | | | | |
|------------|--|------|----|----|-----|----|-----|-------|-------|-------|----|----|-----|-----|
| Oil Fields | | 1.00 | 15 | 49 | 103 | 53 | 22 | 72 | 159 | 79 | 1 | 4 | 10 | 5 |
| Gas Fields | | | | | | | 398 | 1,173 | 2,134 | 1,211 | 31 | 93 | 174 | 97 |
| Total | | 1.00 | 15 | 49 | 103 | 53 | 420 | 1,245 | 2,293 | 1,290 | 33 | 97 | 184 | 102 |

2025 Total: Assessed offshore portions of Hail-Ga'Ara Arch Province

| | | | | | | | | | | | | | | |
|------------|--|------|---|---|---|---|---|---|---|---|---|---|---|---|
| Oil Fields | | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gas Fields | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2025 Grand Total: Assessed portions of Hail-Ga'Ara Arch Province

| | | | | | | | | | | | | | | |
|------------|--|------|----|----|-----|----|-----|-------|-------|-------|----|----|-----|-----|
| Oil Fields | | 1.00 | 15 | 49 | 103 | 53 | 22 | 72 | 159 | 79 | 1 | 4 | 10 | 5 |
| Gas Fields | | | | | | | 398 | 1,173 | 2,134 | 1,211 | 31 | 93 | 174 | 97 |
| Total | | 1.00 | 15 | 49 | 103 | 53 | 420 | 1,245 | 2,293 | 1,290 | 33 | 97 | 184 | 102 |

Hail-Ga'Ara Arch, Province 2025
Assessment Results Summary - Allocated Resources

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| 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 |

202301 Paleozoic Qusaiba/Akkas/Abba/Mudawwara Total Petroleum System

20230101 Horst/Graben-Related Oil and Gas Assessment Unit (2% of undiscovered oil fields and 2% of undiscovered gas fields allocated to ONSHORE province 2025)

| | | | | | | | | | | | | | | |
|------------|----|------|----|----|-----|----|-----|-------|-------|-------|----|----|-----|-----|
| Oil Fields | 5 | | 15 | 49 | 103 | 53 | 22 | 72 | 159 | 79 | 1 | 4 | 10 | 5 |
| Gas Fields | 30 | 1.00 | | | | | 398 | 1,173 | 2,134 | 1,211 | 31 | 93 | 174 | 97 |
| Total | | 1.00 | 15 | 49 | 103 | 53 | 420 | 1,245 | 2,293 | 1,290 | 33 | 97 | 184 | 102 |