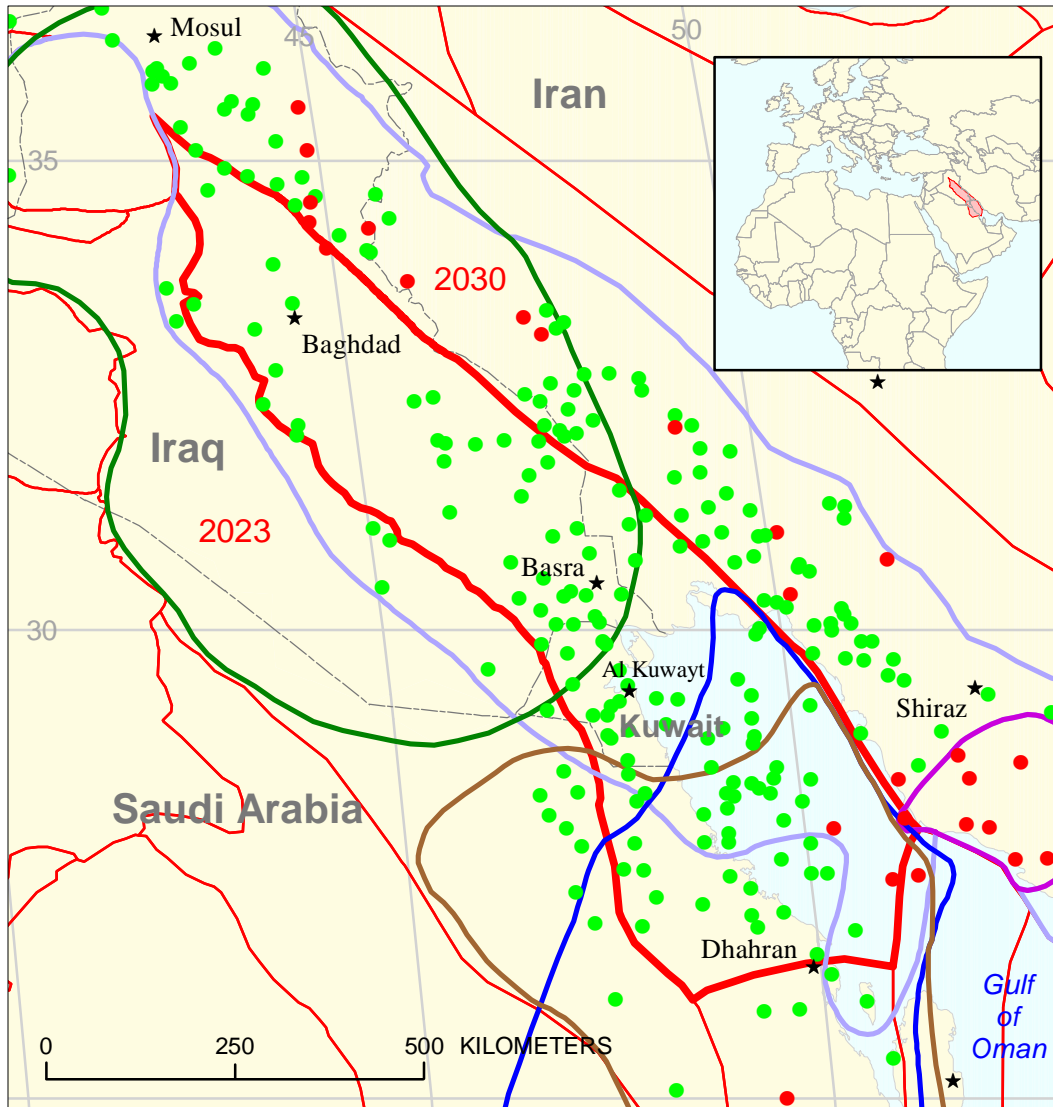


# Mesopotamian Foredeep Basin Geologic Province 2024



- Central Arabia Qusaiba-Paleozoic Total Petroleum System 202101
- Arabian Sub-Basin Tuwaiq/Hanifa-Arab Total Petroleum System 202102
- Jurassic Gotnia/Barsarin/Sargelu/Najmah Total Petroleum System 202302
- Zagros-Mesopotamian Cretaceous-Tertiary Total Petroleum System 203001
- Paleozoic-Permian/Triassic Total Petroleum System 203002

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- Mesopotamian Foredeep Basin Geologic Province 2024
- Other geologic province boundary

**Mesopotamian Foredeep Basin, Province 2024  
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

**2024 Total: Assessed onshore portions of Mesopotamian Foredeep Basin Province**

Oil Fields		1.00	14,104	40,905	79,380	43,128	13,304	40,462	86,355	43,952	375	1,182	2,651	1,303
Gas Fields							4,698	13,260	23,822	13,641	282	783	1,470	818
Total		1.00	14,104	40,905	79,380	43,128	18,002	53,722	110,178	57,593	657	1,965	4,121	2,121

**2024 Total: Assessed offshore portions of Mesopotamian Foredeep Basin Province**

Oil Fields		1.00	6,244	17,146	32,614	18,006	6,719	18,830	38,009	20,165	217	629	1,359	687
Gas Fields							2,062	5,586	11,102	5,964	83	239	521	262
Total		1.00	6,244	17,146	32,614	18,006	8,782	24,416	49,110	26,129	300	868	1,881	950

**2024 Grand Total: Assessed portions of Mesopotamian Foredeep Basin Province**

Oil Fields		1.00	20,348	58,051	111,993	61,134	20,024	59,291	124,364	64,117	592	1,811	4,010	1,991
Gas Fields							6,760	18,847	34,924	19,605	366	1,021	1,991	1,080
Total		1.00	20,348	58,051	111,993	61,134	26,784	78,138	159,288	83,722	957	2,832	6,001	3,071

**Mesopotamian Foredeep Basin, Province 2024**  
**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

**202101 Central Arabia Qusaiba Paleozoic Total Petroleum System**

20210101 Central Arch Horst-Block Anticlinal Oil and Gas Assessment Unit (3% of undiscovered oil fields and 3% of undiscovered gas fields allocated to ONSHORE province 2024)

Oil Fields	20	1.00	219	558	985	576	318	825	1,534	863	18	48	98	52
Gas Fields	120						2,384	5,970	9,990	6,049	187	472	820	484
Total		1.00	219	558	985	576	2,702	6,796	11,524	6,912	205	520	918	536

**202102 Arabian Sub-Basin Tuwaiq/Hanifa-Arab Total Petroleum System**

20210201 Horst-Block Anticlinal Oil Assessment Unit (12% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE province 2024)

Oil Fields	20	1.00	1,356	3,169	5,181	3,206	788	1,877	3,243	1,927	29	73	140	77
Gas Fields	120						0	0	0	0	0	0	0	0
Total		1.00	1,356	3,169	5,181	3,206	788	1,877	3,243	1,927	29	73	140	77

20210202 Salt-Involved Structural Oil Assessment Unit (10.2% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE province 2024)

Oil Fields	20	1.00	581	1,471	2,674	1,529	683	1,748	3,261	1,835	25	68	140	73
Gas Fields	120						0	0	0	0	0	0	0	0
Total		1.00	581	1,471	2,674	1,529	683	1,748	3,261	1,835	25	68	140	73

20210202 Salt-Involved Structural Oil Assessment Unit (57.8% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE province 2024)

Oil Fields	20	1.00	3,292	8,335	15,154	8,663	3,868	9,908	18,480	10,399	143	385	795	416
Gas Fields	120						0	0	0	0	0	0	0	0
Total		1.00	3,292	8,335	15,154	8,663	3,868	9,908	18,480	10,399	143	385	795	416

**Mesopotamian Foredeep Basin, Province 2024**  
**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

**202302 Jurassic Gotnia/Barsarin/Sargelu/Najmah Total Petroleum System**

20230202 Basinal Oil and Gas Assessment Unit (55% of undiscovered oil fields and 42% of undiscovered gas fields allocated to ONSHORE province 2024)

Oil Fields	20	1.00	315	1,009	1,844	1,038	458	1,490	2,869	1,557	26	87	184	93
Gas Fields	120						1,432	4,664	8,485	4,776	59	198	400	210
Total		1.00	315	1,009	1,844	1,038	1,890	6,154	11,354	6,332	85	285	584	303

**203001 Zagros-Mesopotamian Cretaceous-Tertiary Total Petroleum System**

20300101 Cretaceous Reservoirs Assessment Unit (48% of undiscovered oil fields and 2.4% of undiscovered gas fields allocated to ONSHORE province 2024)

Oil Fields	10	1.00	11,393	33,935	67,097	35,957	10,570	32,890	71,714	35,960	250	812	1,851	899
Gas Fields	60						264	656	1,282	700	11	28	60	31
Total		1.00	11,393	33,935	67,097	35,957	10,834	33,546	72,995	36,660	261	840	1,911	930

20300101 Cretaceous Reservoirs Assessment Unit (12% of undiscovered oil fields and 12.6% of undiscovered gas fields allocated to OFFSHORE province 2024)

Oil Fields	10	1.00	2,848	8,484	16,774	8,989	2,643	8,222	17,928	8,990	63	203	463	225
Gas Fields	60						1,384	3,446	6,729	3,677	56	147	317	162
Total		1.00	2,848	8,484	16,774	8,989	4,026	11,668	24,657	12,667	118	350	780	386

20300102 Tertiary Reservoirs Assessment Unit (4.2% of undiscovered oil fields and 4.2% of undiscovered gas fields allocated to ONSHORE province 2024)

Oil Fields	10	1.00	241	763	1,600	823	488	1,632	3,735	1,811	27	95	237	109
Gas Fields	60						618	1,970	4,065	2,116	25	84	189	93
Total		1.00	241	763	1,600	823	1,106	3,601	7,801	3,927	53	179	426	202

**Mesopotamian Foredeep Basin, Province 2024**  
**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
20300102 Tertiary Reservoirs Assessment Unit (1.8% of undiscovered oil fields and 1.8% of undiscovered gas fields allocated to OFFSHORE province 2024)														
Oil Fields	10	1.00	103	327	686	353	209	699	1,601	776	12	41	102	47
Gas Fields	60						265	844	1,742	907	11	36	81	40
Total			1.00	103	327	686	353	474	1,543	3,343	1,683	23	77	183

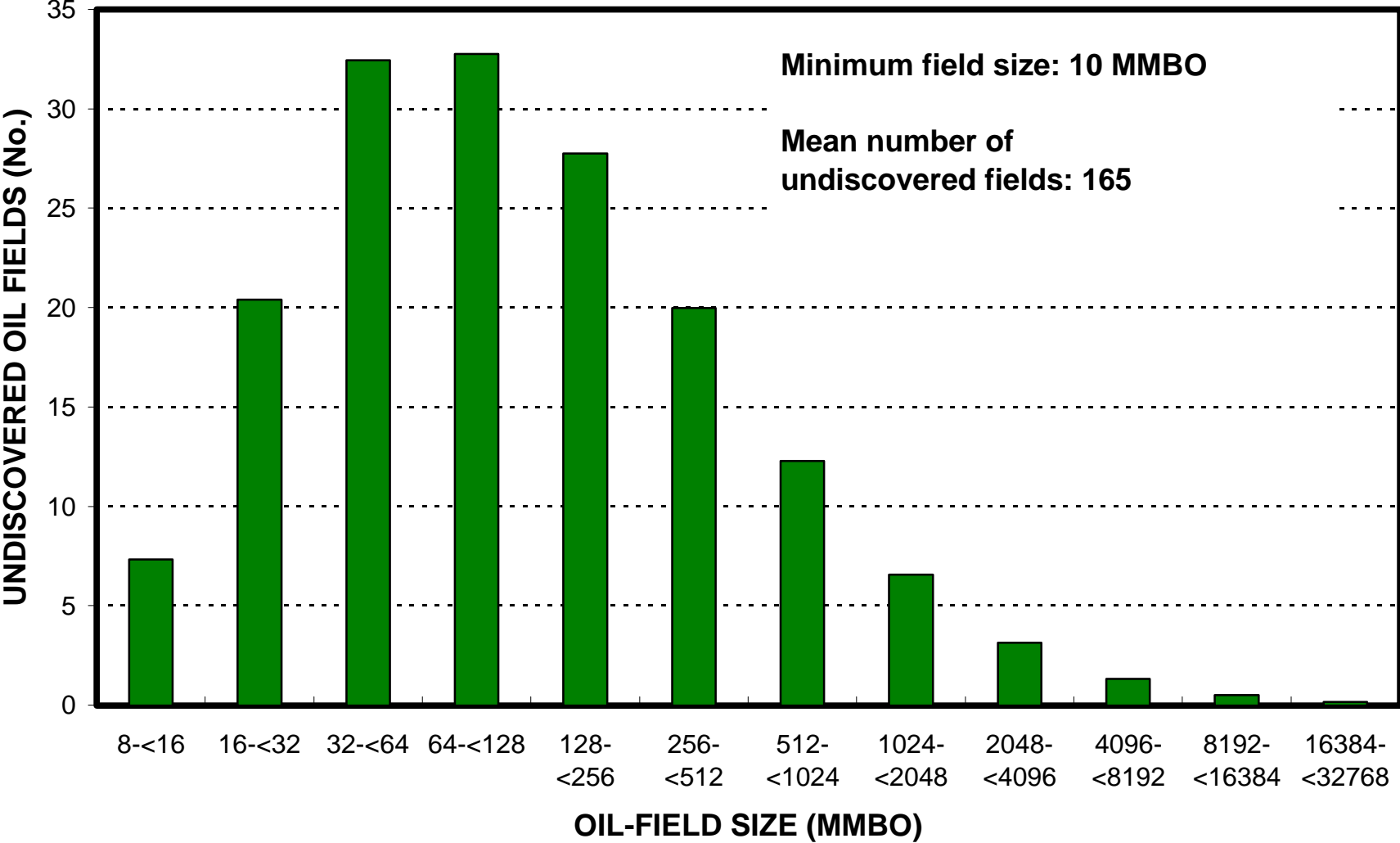
**203002 Paleozoic-Permian/Triassic Total Petroleum System**

20300201 Northern Qatar Arch Extension Assessment Unit (0% of undiscovered oil fields and 2% of undiscovered gas fields allocated to OFFSHORE province 2024)

Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	120						414	1,296	2,630	1,381	17	55	123	61
Total			1.00	0	0	0	0	414	1,296	2,630	1,381	17	55	123

# Mesopotamian Foredeep Basin, Province 2024

## Undiscovered Field-Size Distribution



# Mesopotamian Foredeep Basin, Province 2024

## Undiscovered Field-Size Distribution

