

Qatar
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

Total: Assessed onshore portions of Qatar

Oil Fields			587	1,514	2,782	1,578	728	1,937	3,721	2,048	29	81	174	89
Gas Fields							6,284	14,756	26,993	15,455	251	631	1,274	680
Total	1.00		587	1,514	2,782	1,578	7,012	16,693	30,714	17,503	279	713	1,447	768

Total: Assessed offshore portions of Qatar

Oil Fields			723	1,947	3,657	2,039	1,006	2,862	5,771	3,063	44	136	304	150
Gas Fields							7,754	19,484	36,824	20,534	311	833	1,733	903
Total	1.00		723	1,947	3,657	2,039	8,760	22,346	42,596	23,597	355	969	2,037	1,053

Grand Total: Assessed portions of Qatar

Oil Fields			1,310	3,461	6,439	3,617	1,735	4,799	9,492	5,111	73	217	478	238
Gas Fields							14,037	34,240	63,818	35,989	561	1,465	3,007	1,583
Total	1.00		1,310	3,461	6,439	3,617	15,772	39,039	73,310	41,100	634	1,681	3,484	1,821

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Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

2019 Rub Al Khali Basin Province

201902 Jurassic Hanifa/Diyab-Arab Total Petroleum System

20190202 Jurassic Reservoirs in South Gulf Suprasalt/Qatar Arch Structural Assessment Unit (4% of undiscovered oil fields and 4% of undiscovered gas fields allocated to ONSHORE Qatar)

Oil Fields	10	1.00	46	144	292	154	93	308	684	339	5	18	43	20
Gas Fields	60						40	142	339	160	2	6	16	7
Total		1.00	46	144	292	154	132	451	1,022	498	7	24	59	27

20190202 Jurassic Reservoirs in South Gulf Suprasalt/Qatar Arch Structural Assessment Unit (16% of undiscovered oil fields and 16% of undiscovered gas fields allocated to OFFSHORE Qatar)

Oil Fields	10	1.00	182	577	1,166	615	371	1,233	2,734	1,354	21	72	173	81
Gas Fields	60						158	569	1,354	639	6	24	63	28
Total		1.00	182	577	1,166	615	529	1,802	4,088	1,993	27	96	236	109

201903 Silurian Qusaiba Total Petroleum System

20190301 Khuff Carbonates in Salt Structures Assessment Unit (0% of undiscovered oil fields and 20% of undiscovered gas fields allocated to OFFSHORE Qatar)

Oil Fields	10	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	60						1,351	4,302	8,815	4,600	55	184	412	202
Total		1.00	0	0	0	0	1,351	4,302	8,815	4,600	55	184	412	202

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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

2021 Greater Ghawar Uplift Province

202101 Central Arabia Qusaiba Paleozoic Total Petroleum System

20210102 North Gulf Salt Basin Structural Gas Assessment Unit (0% of undiscovered oil fields and 10% of undiscovered gas fields allocated to ONSHORE Qatar)

Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	
Gas Fields	120						6,244	14,614	26,655	15,295	249	625	1,258	673
Total			1.00	0	0	0	0	6,244	14,614	26,655	15,295	249	625	1,258

20210102 North Gulf Salt Basin Structural Gas Assessment Unit (0% of undiscovered oil fields and 10% of undiscovered gas fields allocated to OFFSHORE Qatar)

Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	
Gas Fields	120						6,244	14,614	26,655	15,295	249	625	1,258	673
Total			1.00	0	0	0	0	6,244	14,614	26,655	15,295	249	625	1,258

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

20210202 Salt-Involved Structural Oil Assessment Unit (9.5% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Qatar)

Oil Fields	20	1.00	541	1,370	2,491	1,424	636	1,628	3,037	1,709	23	63	131	68
Gas Fields	120						0	0	0	0	0	0	0	0
Total			1.00	541	1,370	2,491	1,424	636	1,628	3,037	1,709	23	63	131

20210202 Salt-Involved Structural Oil Assessment Unit (9.5% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE Qatar)

Oil Fields	20	1.00	541	1,370	2,491	1,424	636	1,628	3,037	1,709	23	63	131	68
Gas Fields	120						0	0	0	0	0	0	0	0
Total			1.00	541	1,370	2,491	1,424	636	1,628	3,037	1,709	23	63	131