

Bahrain
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 Bahrain

Oil Fields			23	64	122	67	24	69	139	73	1	2	5	2
Gas Fields							2,191	5,128	9,356	5,368	87	219	442	236
Total	1.00		23	64	122	67	2,215	5,197	9,495	5,441	88	222	446	238

Total: Assessed offshore portions of Bahrain

Oil Fields			271	787	1,538	832	263	788	1,675	856	7	21	48	24
Gas Fields							4,163	9,759	17,833	10,219	166	417	842	449
Total	1.00		271	787	1,538	832	4,426	10,547	19,508	11,075	173	439	889	473

Grand Total: Assessed portions of Bahrain

Oil Fields			294	851	1,660	899	287	857	1,814	929	8	24	52	26
Gas Fields							6,354	14,887	27,189	15,587	254	637	1,283	685
Total	1.00		294	851	1,660	899	6,641	15,744	29,003	16,516	261	660	1,335	711

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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 3.5% of undiscovered gas fields allocated to ONSHORE Bahrain)

Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	120						2,185	5,115	9,329	5,353	87	219	440	235
Total			1.00	0	0	0	0	2,185	5,115	9,329	5,353	87	219	440

20210102 North Gulf Salt Basin Structural Gas Assessment Unit (0% of undiscovered oil fields and 6.5% of undiscovered gas fields allocated to OFFSHORE Bahrain)

Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	120						4,059	9,499	17,326	9,942	162	406	818	437
Total			1.00	0	0	0	0	4,059	9,499	17,326	9,942	162	406	818

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

20210202 Salt-Involved Structural Oil Assessment Unit (.2% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Bahrain)

Oil Fields	20	1.00	11	29	52	30	13	34	64	36	0	1	3	1
Gas Fields	120						0	0	0	0	0	0	0	0
Total			1.00	11	29	52	30	13	34	64	36	0	1	3

20210202 Salt-Involved Structural Oil Assessment Unit (.8% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE Bahrain)

Oil Fields	20	1.00	46	115	210	120	54	137	256	144	2	5	11	6
Gas Fields	120						0	0	0	0	0	0	0	0
Total			1.00	46	115	210	120	54	137	256	144	2	5	11

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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

2030 Zagros Fold Belt Province

203001 Zagros-Mesopotamian Cretaceous-Tertiary Total Petroleum System

20300101 Cretaceous Reservoirs Assessment Unit (.05% of undiscovered oil fields and .05% of undiscovered gas fields allocated to ONSHORE Bahrain)

Oil Fields	10	1.00	12	35	70	37	11	34	75	37	0	1	2	1
Gas Fields	60						5	14	27	15	0	1	1	1
Total			1.00	12	35	70	37	17	48	101	52	0	1	3

20300101 Cretaceous Reservoirs Assessment Unit (.95% of undiscovered oil fields and .95% of undiscovered gas fields allocated to OFFSHORE Bahrain)

Oil Fields	10	1.00	225	672	1,328	712	209	651	1,419	712	5	16	37	18
Gas Fields	60						104	260	507	277	4	11	24	12
Total			1.00	225	672	1,328	712	314	911	1,927	989	9	27	61